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HEADWAY DISTRIBUTION ON URBAN ROADS UNDER HETEROGENEOUS TRAFFIC CONDITION

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Degree of Master of Engineering

Department of Civil Engineering

University of Moratuwa
Sri Lanka

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Dissertation submitted in partial fulfillment of the requirements for the degree Master of Science/ Master of Engineering in Highway and Traffic Engineering

Department of Civil Engineering

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Sri Lanka

December 2023

DECLARATION OF THE CANDIDATE AND SUPERVISOR

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ABSTRACT

This study examines time headway distributions on urban roads in Sri Lanka, emphasizing the impact of heterogeneous traffic conditions. Headway, which refers to the temporal gaps or spacing between consecutive vehicles on the road, plays a pivotal role in shaping traffic flow behaviors level of service, and safety standards, making its understanding critical for effective traffic management and urban planning as a microscopic parameter offering insights into macroscopic traffic behaviors. This parameter finds application in capacity analysis, safety evaluations, accident investigations, car-following behavior models, and lane-change propensity studies.

The problem lies in the lack of comprehensive research on headway distribution in urban traffic settings marked by significant heterogeneity. The prevailing focus on homogeneous traffic conditions in conventional traffic research, often limited to low and medium flow situations within lane-based vehicle flow scenarios. However, urban road networks in Sri Lanka frequently encounter highly diverse traffic conditions due to the presence of diverse vehicle types like three-wheelers, motorbikes, mini-lorries, buses, and heavy vehicles, each with varying physical attributes, axle configurations, weight distributions, power ratios, varying driver behaviors, and multitude road users. Moreover, road discipline issues and truncated inter-vehicle distances due to aggressive driving further complicate traffic analysis.

The primary aim is to determine appropriate distribution models for various traffic flow ranges and leader-follower pairs on different road segments and rigorously evaluate their statistical validity through a range of goodness-of-fit tests.

The data collection involves videographic surveys to capture headway data from selected road sections. The selection process for these road sections involves considering several crucial factors, such as the absence of side hindrances (e.g., parking lots, gradients, bus stops, intersections), the straight and flat nature of the road, the availability of ample shoulder space, favorable weather conditions, good visibility, Optimal driving surface, geometric and functional homogeneity for at least 1 kilometer upstream and downstream. Selected road sections are A004 road at Pannipitiya, A001 road at Kegalla, Marine Drive at Wellawatta and AB -042 road at Hirasagala. For each road section videographic surveys were carried out at three peaks periods during the day, namely from 7.00-9.00 am, from 12.00-2.00 pm and from 4.00-6.00 pm, which were identified during the initial observations of the road sections and also based on the findings of the literature review. Each time interval was sub divided into 15 min intervals in order to identify the variation of flow and calculate the flow rates. Sub-time intervals were defined in such a manner that sample size (number of headways) was large enough for all flow ranges. Time stamps during the entry of the front bumper, vehicle type and speed of each vehicle were extracted from video recordings manually by image processing using software “Traffic Extractor” developed by IIT Bombay to compute time headways. Accordingly, headways between subsequent vehicles were established by the time gap between the entry times of front bumpers of successive vehicles. A total of 24,201time headways were collected through the data collection.

The analytical framework encompasses two scenarios: studying headway variations across diverse traffic flow conditions and exploring headway data for different leader-follower pairs. The data is categorized into three flow ranges—below 400 veh/hr. indicating free-flowing conditions (Level of Service A and B), 400 to 1200 veh/hr. representing moderate flow with some restrictions (Level C), and above 1200 veh/hr. denoting highly congested conditions with reduced speeds and potential stoppages (Level D and E) based on computed flow rates. Frequency and cumulative frequency distributions are constructed for each flow range and road section.

Distribution model selection relies on established empirical models, with goodness-of-fit assessments carried out using the Anderson-Darling test, Kolmogorov-Smirnov (K-S) test and chi-square test. Statistical tools such as Easy Fit, NCSS, and SPSS aid in these evaluations. The K-S and Anderson-Darling tests assess the fitness of theoretical distribution models to observed data by comparing cumulative distribution functions, with the chosen model yielding the least discrepancy as the best fit.

Easy Fit software aids in conducting these tests, and rejection of the null hypothesis occurs if calculated statistics surpass critical values at a chosen significance level. The study examines various flow ranges across different road sections and tests the goodness-of-fit of several distributions, including Generalized Extreme Value, Johnson SU, Pearson, Generalized Gamma, Beta, and Burr.

In conclusion, the research findings suggest that the "General Extreme Value" distribution consistently emerges as a strong and versatile candidate for describing traffic flow behavior in the flow range below 400 veh/h. For flow rates between 400 and 1200 veh/h, the Gen. Gamma (4P) distribution proves to be the most suitable choice. In the flow range above 1200 veh/h, the Gen. Gamma distribution also performs well. Moreover, the study reveals varying degrees of variability, skewness, and kurtosis in leader-follower relationships across different vehicle classes, indicating the need for tailored approaches to traffic management and safety analysis.

The research contributes to a deeper understanding of headway behavior in diverse traffic scenarios, offering practical implications for transportation engineering and management, safety analysis, and infrastructure planning. It underscores the importance of tailoring headway distribution models to specific traffic conditions and vehicle relationships, providing valuable insights for traffic management and infrastructure planning in Sri Lanka and similar urban environments.

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LIST OF ABBREVIATIONS

Abbreviation	Description
PDF	Probability Density Function
PCU	Passenger Car Units
ATC	Automatic Traffic Counter
SPSS	Statistical Package for the Social Science
CDF	Cumulative Density Function
EDF	Empirical Distribution Function

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1. CHAPTER

INTRODUCTION

1.1. Background

Headway, at the microscopic level of traffic analysis, is characterized by the temporal or spatial disparity between shared attributes, such as the front bumper, of two successive vehicles. At the macroscopic level, it transforms into traffic density and traffic flow, both recognized as pivotal factors in understanding traffic dynamics. This parameter finds widespread application in the planning, analysis, design, and operation of roadway systems. It is an important fundamental parameter in a wide range of traffic engineering applications such as safety, congestion prediction, Reflect Level of Service, capacity analysis of a transportation system, microscopic simulations and automated highway systems control and many other applications. Most of the research on this area was carried out under homogeneous and lane-based traffic under low and medium traffic flow status only.

But traffic flow conditions in urban areas are heterogeneous in nature. Further, urban traffic flows are congested near to capacity of road section at most of the time. Heterogeneity of Traffic flow conditions are affected by different vehicles types with different axle configurations and various physical dimensions such as long container carriers, buses, Cars, tree wheelers, motorbikes and also condition of vehicles such as breaking power and acceleration.

Studies have found that headway distribution influence by traffic volume, proportion of heavy vehicles, driver behavior, road environment and road geometry, interruption to traffic flow such as presence of traffic signalized intersections, The side-to-side placement of a vehicle on the roadway and many other factors. Mostly overtaking under non lane-based vehicle movements which create complex situations. Platoon of vehicles could arise due to high traffic volumes specially, during peak hours. High Traffic volume can be identified as major cause for development of traffic platoon. But there are other factors which mentioned earlier affects to the development of vehicle platoon. In high traffic conditions, vehicles are tending to move slowly and stable headway and also during low traffic conditions vehicles tend to move faster and relatively unstable headway.

So, it is important to develop appropriate headway model under heterogeneous traffic conditions under different traffic flow conditions for performance of micro simulation models which helps in making transport related decisions. Furthermore, comprehending the actual behavior of drivers in choosing their preferred headway is crucial for enhancing traffic planning and formulating policies under varying traffic conditions.

1.2. Problem Statement

In the context of traffic research, the existing focus has predominantly revolved around homogeneous traffic conditions, often limited to low and medium flow scenarios within lane-based vehicle flow situations. However, urban road networks in Sri Lanka present a vastly different reality, marked by a multitude of diverse traffic conditions arising from several factors. These factors include the coexistence of various vehicle types, disparate driver behaviors, and a wide array of road users. The heart of the problem lies in the dearth of comprehensive research dedicated to the analysis of headway distribution in these urban traffic settings characterized by substantial heterogeneity.

Headway distribution, which pertains to the temporal gaps or spacing between successive vehicles on the road, wields a significant influence over the dynamics of traffic flow, congestion patterns, and road safety outcomes. As such, a comprehensive understanding of headway distribution is not only critical but imperative for effective traffic management and urban planning in Sri Lanka.

The complexity of traffic dynamics in Sri Lanka is further compounded by the presence of diverse vehicle types, including three-wheelers, motorbikes, mini-lorries, buses, and heavy vehicles. Each of these vehicle types exhibits varying physical attributes, axle configurations, weight distributions, power ratios, and driving behaviors. Additionally, issues related to road discipline and the prevalence of truncated inter-vehicle distances due to aggressive driving practices introduce further intricacies into the already heterogeneous traffic landscape.

This research endeavors to bridge the substantial gap in our knowledge of traffic dynamics in Sri Lankan urban environments by focusing on the critical, yet understudied, element of headway distribution. By delving into this essential aspect, the study aims to provide insights and data that can inform evidence-based traffic management strategies, alleviate congestion issues, and enhance road safety in a context characterized by diverse and heterogeneous traffic conditions.

1.3. Objectives

Objectives of this study are:

- To identify most efficient distributions for headway distribution for heterogeneous flow traffic conditions under different flow rate ranges in Sri Lankan context.
- To develop Set of Probability Density Functions (PDF) for time headway distribution typical for the road segments under heterogeneous traffic conditions providing information about headway distribution under different flow rate ranges in Sri Lankan context.
- To identify most efficient distributions for headway distribution for heterogeneous flow traffic conditions under different leader-follower pairs in Sri Lankan context.
- To develop Set of Probability Density Functions (PDF) for headway distribution typical for each leader-follower pair for different flow rates under heterogeneous traffic conditions providing information about headway distribution for different leader follower pair under different flow rate ranges in Sri Lankan context.

1.4. Research Approach

To achieve the goals of this research, the following approach was employed:

- At the be initiation, an in-depth exploration of past and present research initiatives in the realm of headway distribution modeling was undertaken.

- The review will include the study of how the headway distribution modeling enhances the accuracy of decisions related to transport.

- The inputs from literature survey will help to identify the relevant test methods and also to identify the limitations and constraints of studying headway and how to overcome them.

- Identification of most suitable empirical distribution for each flow ranges will be done in the initial stage through reviewing the information available in literature followed by an analyzing the data obtained through the Field study to verify the most suitable headway distribution for each identified flow range as well as for pre-defined leader follower pairs under different flow ranges.

- Development of a set of probability density functions for each flow range for a typical road section and identified leader-follower pairs for each flow range based on empirical distributions will be done by using goodness of fit test. The most effective distribution will be identified and it is expected to check compatibility hypothesis based on pre-defined significance level according to literature findings and field test results.

2. CHAPTER

LITERATURE SURVEY

Literature review as done with the aim of obtaining foundation knowledge on the topic and to identify the areas of prior scholars has already studied and through a comprehensive literature review research gaps were identified and through those boundaries of this research were established. And also, most suitable methodologies for data collection & analysis were identified.

2.1. Introduction to Headway

The time headway is the temporal gap between the passage of consecutive vehicles as they move past a specific point on the highway. The traffic flow rate is defined as the quantity of vehicles recorded within a specified time frame. On a sparsely traveled rural motorway, where overtaking is unrestricted, substantial headways between vehicles are noticeable. However, under more congested flow conditions and limited overtaking opportunities, vehicles often maintain uniform headways as they follow each other along the carriageway. As traffic flow attains its peak, the time headway concurrently reaches its minimum. Consequently, the rate of traffic flow is inversely proportional to the mean headway. Thus, headways are regarded as the foundational elements of traffic flow. The notion of level of service in highway traffic flow delineates various ranges of traffic flow rates that can be analyzed through the study of headways.

2.2. History of Headway Analysis

The demand dictates traffic flow under normal circumstances. However, in a bottleneck, flow is dictated by the minimum headway observed as drivers follow each other. Therefore, the headway distribution plays a crucial role in determining the capacity of a road section during a bottleneck. The headway distribution describes which headway can be observed and also the relevant probability of the occurrence of that headway. Headway distributions can be described by using mathematical models depends on arrival pattern and also variation with different traffic flow levels. Headway distribution is being described using independent arrivals, and composite headway models.

Statistically, the headway data can be described as exponential if the co efficient of variation is unity (Arasan & Koshy, 2003) mean and standard deviation should have equal value resulting 45^0 plots.

Exponential distribution can be defined as simplest way of describing headway assuming that arrivals are independent to each other. This can be suitable for rural road sections with less traffic flow. The validity of the exponential distribution can be assessed using the Kolmogorov-Smirnov (K-S) test. In this distribution, a notable feature is that the standard deviation is equivalent to the mean. If a set of headway data

meets the aforementioned criteria, it is highly probable that the headways follow an exponential distribution. Additionally, this distribution for headway data aligns with the Poisson distribution for the number of arrivals.

Composite headway models prove effective in characterizing headway data under conditions of elevated flow rates and heterogeneous traffic flow. Several attempts were made to understand headway distribution of traffic. Statistical methods and probability methods also have employed to find theoretical distributions to represent the observed headway distributions.

The temporal gap between vehicles, known as time headway, plays a pivotal role in multiple facets of traffic engineering, encompassing capacity analysis, evaluation of level of service, and safety studies (Roy & Saha, 2017). Previous research has extensively explored headway distribution patterns, particularly in situations where traffic is homogeneous, and car-following interactions are frequent (Roy & Saha, 2017).

However, when it comes to two-lane roads under mixed traffic conditions, where vehicles of varying sizes and characteristics coexist, the complexities of modeling time headways become more apparent. In such settings, the co-efficient of variation tends to deviate due to the intricate dynamics of traffic flow, rendering traditional exponential models inappropriate (Roy & Saha, 2017). These complexities arise from the frequent interactions between vehicles traveling in opposing directions.

The study by Roy and Saha (2017) provides valuable insights into this issue by conducting a practical observation on two-lane highways with diverse traffic compositions. The research reveals that headway distribution patterns vary with different traffic conditions. Specifically, the log-logistic distribution was recognized as conducive for moderate flow, while the Pearson 5 distribution was more appropriate for congested traffic (Roy & Saha, 2017). Furthermore, the study underscores the importance of less speedy vehicles in diversified traffic, giving rise to the creation of platoons and an increased occurrence of shorter temporal gaps between vehicles. (Roy & Saha, 2017).

In the context of Analyzing the temporal gaps between vehicles on two-lane roads with diversified traffic, this study represents remarkable step forward, as it provides a deeper understanding of the features of time headways across different levels of traffic flow. The findings suggest that the choice of distribution models should be tailored to specific traffic conditions to accurately represent the observed data (Roy & Saha, 2017).

In summary, the research by Roy and Saha (2017) sheds light on the complexities of modeling time headways under mixed traffic conditions on two-lane roads. It

highlights the need for tailored distribution models that account for the presence of slower vehicles, platoon formation, and varying traffic flow levels. This study serves as a valuable reference for future initiatives aimed at developing robust methods for modeling headways in similar traffic scenarios.

In the field of transportation engineering, the study by Maurya et al. (2016) presents a valuable contribution to the understanding of speed and time headway distributions in heterogeneous traffic conditions, with a particular focus on a two-lane two-way highway. The authors acknowledge the unique challenges posed by nations in transition such as most Asian countries, where traffic conditions are characterized by multitude of vehicles exhibiting differences in physical dimensions, axle configurations, weight, and dynamic characteristics. They emphasize the importance of these characteristics in traffic engineering and their relevance to issues like geometric road design and traffic regulation. The literature review within this study highlights the limited research available on the distribution patterns of speed and headway in heterogeneous traffic, emphasizing the need for more comprehensive investigations. The authors also cite prior work, such as the studies by Zhang and Maher (1998) and Chandra et al. (2013), which have explored speed distribution in heterogeneous traffic conditions. Maurya et al.'s research extends this line of inquiry by conducting a detailed examination of speed and time headway distributions under various density levels. The study uses video data collected from a specific highway (NH-31) and employs statistical tests, such as the Kolmogorov-Smirnov (K-S) test, to evaluate the fit of different probability distributions to the observed data. The results suggest that variations in density levels influence distinct patterns in both speed and time headway distributions, shedding light on how different vehicle types and their interactions contribute to these observations. The study concludes with a call for more extensive data collection and the potential application of their research in micro simulation software. Therefore, Maurya et al.'s research not only contributes to the understanding of speed and time headway in heterogeneous traffic conditions but also highlights the practical implications of their findings in the development of transportation simulation models.

In a comprehensive analysis of time headway distributions on congested highways, Moridpour (2014) delves into the crucial significance of time headways in the realm of traffic and transport engineering. Time headways are fundamental parameters that have a substantial impact on both the capacity and safety, with applications extending to capacity analysis, safety studies, car-following and lane-changing behavior modeling, as well as level of service evaluations. This study focuses on investigating headway distributions on an urban highway under various traffic flow rates during peak durations, using trajectory data. By scrutinizing time headways concerning both preceding and following vehicles, the study employs the Chi-Square test to identify and choose suitable models for headway distribution in both heavy vehicles and passenger cars. The findings of this study confirm the existence of distinct time headway distributions in the vicinity of heavy vehicles and passenger cars, attributed

to variations in driver reactions during congested conditions. These insights shed light on the dynamics of traffic flow and offer valuable information for enhancing the efficiency and safety of highway systems (Moridpour, 2014).

The study conducted by Ibrahim Tunde Yusuf in 2016 examined the critical traffic parameters of time headway and vehicle speed, which are crucial components in traffic engineering applications. These parameters play a significant role in understanding and improving traffic flow, as well as assessing the capacity and level of service on urban roads. It was emphasized that traffic characteristics, including volume, speed, delay, and headways, are inherently statistical in nature, and probability distributions can be used to describe them. The study focused on the Tanke-University of Ilorin (Tanke-Unilorin) road section in Ilorin, Nigeria, and sampled data from 50 vehicles over a 100-meter stretch for four consecutive days, analyzing and plotting the data. The results revealed significant correlations between vehicle speed and time headways, indicating that higher speeds were associated with shorter time headways. An established polynomial connection between headway and speed provides a tool to ascertain the preferred time gaps at various vehicle speeds. The study concluded that both headway time and speed decrease with increasing traffic volume, and controlling vehicle speed can have a substantial impact on headway. It also recommended further investigations into the effect of changing traffic volumes on the headway-speed relationship to enhance traffic flow management and address urban traffic demands (Yusuf, 2016).

This study provides valuable insights into the dynamic relationship between time headway and vehicle speed in an urban context, shedding light on the statistical nature of traffic characteristics. The findings suggest that controlling vehicle speeds can help manage traffic headways and enhance overall traffic flow. This research is significant for urban planners, traffic engineers, and policymakers seeking to optimize traffic conditions in densely populated areas. However, it's essential to note that the data collection process in this study was manual and limited to a specific road section and time frame, which may introduce limitations in the generalizability of the findings. Nevertheless, this study serves as a valuable foundation for further research in the field of traffic engineering and urban transportation management.

A seminal empirical analysis, conducted by Rossi and Gastaldi in 2012, brought into focus the intricate dynamics of rural two-lane two-way roads in Northern Italy. Their study yielded valuable insights into the characteristic time headway distributions observed across diverse traffic flow rate scenarios. Rossi and Gastaldi meticulously gathered data from inductive loops and radar sensors deployed at four Automatic Traffic Recorder (ATR) sites and meticulously examined 77 samples of time headways, deliberately excluding cases falling within the 0-400 vehicles per hour per lane range.

Notably, the findings underscored a relatively low presence of heavy vehicles within the dataset, accounting for less than 6.1% of the observed instances. The core objective of this research was to delineate typical headway probability density functions (pdfs) that could apply represent the empirical time headway distributions commonly witnessed on rural roads.

The study illuminated that, for the majority of traffic flow scenarios, the Inverse Weibull distribution emerged as an appropriate model for characterizing time headway distributions. Nevertheless, anomalies were observed in the uppermost flow rate categories, where the Inverse Weibull distribution diverged from the collected data. In such instances, the Pearson 5 and Log Logistic probability density functions proved to be more suitable models.

What sets this research apart is the comprehensive evaluation of widely employed distribution models, such as the Gamma, Lognormal, Negative Exponential and Erlang distributions, which were found to be inadequate in capturing the nuances of time headway distributions within the context of two-lane two-way roads in rural conditions.

In summary, Rossi and Gastaldi's 2012 study provides a solid foundation for our understanding of the intricate relationships between traffic conditions and time headway distributions in rural settings. This research not only advances the knowledge base but also paves the way for future studies aiming to generalize these findings, enhance analytical methods, and employ the results in micro-simulation models and driving simulator experiments, ultimately benefiting the field of traffic engineering and transportation planning (Rossi & Gastaldi, 2012).

Throughout this research, an exhaustive examination was undertaken to calculate probability density functions (PDFs) for time headways, specifically focusing on vehicle maneuvers on rural two-lane two-way roads. To create the samples necessary for estimation, several key assumptions were made, reflecting the intricacies of the data collection process (Rossi & Gastaldi, 2012).

First, it was essential to segregate the headway data by lanes, acknowledging that each lane could exhibit distinct traffic behavior. Following that, the time period under observation was divided into 15-minute sub-intervals, enabling a more detailed evaluation of the time headway data. These sub-intervals were crucial for segmenting the data, as they allowed for a closer examination of how traffic conditions evolved over shorter time spans (Rossi & Gastaldi, 2012).

Additionally, it was imperative to account for variations in traffic composition, including the presence of heavy vehicles. To address this, an equivalence factor of 2.0 passenger car equivalents (PCE) was applied when converting traffic volumes. This

conversion allowed for a standardized representation of all vehicle types in terms of passenger car equivalents, simplifying the analysis (Rossi & Gastaldi, 2012).

or a thorough comprehension of the correlation between traffic volume and time headway, every sub-interval was classified into eight unique volume ranges, each characterized by its specific flow rate range. These volume ranges included: [0-200], (200-400], (400-600], (600-800], (800-1,000], (1,000-1,200], (1,200-1,400], and (1,400-1,600]. By dividing the data into these ranges, the researchers aimed to capture the variability in headway behavior under different traffic conditions, spanning from very light to heavier traffic (Rossi & Gastaldi, 2012).

Finally, for each section and lane, the time headway samples were compiled by aggregating the headways from subsequent sub-intervals of 15 min within the chosen flow rate range. This process allowed for the creation of samples that were representative of specific traffic conditions. It is important to note that in cases with very large samples, a method of random sub-sample extraction, each containing approximately 200 headways, was employed. This approach was implemented to prevent over-sensitivity in the Kolmogorov-Smirnov (K-S) test, which can sometimes lead to the rejection of distributions that are, in fact, statistically significant (Rossi & Gastaldi, 2012).

In summary, the methodology for estimating time headway pdfs was rigorous and systematic, addressing the complexities of real-world traffic data. By considering lane separation, sub-intervals, equivalence factors for heavy vehicles, and specific volume ranges, the researchers were able to create a robust dataset for subsequent analysis and modeling of temporal headway distributions on rural two-lane two-way roads. These methodological details were vital in ensuring the accuracy and relevance of the research findings (Rossi & Gastaldi, 2012).

The study conducted by Saâd Touhbi, Mohamed Ait Babram, Tri Nguyen-Huu, et al. (2018) presents an analysis of Headway data from urban roads in Marrakesh, Morocco, focusing on traffic flow under heterogeneous conditions. The research investigates the applicability of different traffic headway models in various traffic states. The study is referenced for introducing three Time Headway models tailored to different traffic states on a freeway characterized by consistent traffic conditions. It advocates the Negative Exponential model for low traffic, the Gamma model for intermediate traffic, and the Normal model for high traffic.

Additionally, the work of Al-Ghamdi, who studied traffic models in Riyadh, Saudi Arabia, is referenced. Al-Ghamdi identified different models fitting various traffic levels, such as the Negative Exponential for low traffic, Shifted Exponential, and Gamma models for intermediate traffic, and the Erlang model for high traffic. This contextualizes the current study's aim to identify suitable traffic headway models for Marrakesh's heterogeneous traffic conditions. The literature also highlights the

importance of understanding traffic models under different contexts and the need for further research to establish a strong theoretical basis for these models. The review acknowledges that the Pareto IV model is a promising candidate, recommends further exploration of its application across varied traffic conditions. The research emphasizes the importance of continued investigation in this area and the need for more comprehensive data to define categorical traffic flow levels. Overall, the cited studies provide valuable insights into the development of traffic headway models, contributing to a robust foundation for the present research in Marrakesh.

The research publication by Badhrudeen, Ramesh, and Vanajakshi (2016), focuses on the concept of "headway," A traffic flow microscopic parameter, delineated as the temporal or spatial gap between two successive vehicles. The research explores the difficulty in defining and measuring these parameters in the context of Indian traffic conditions, characterized by the absence of lane discipline and the presence of diverse vehicle compositions. The research conducted in Chennai on a suburban arterial road used automated sensors to collect data on headways. The analysis categorized the data by the class of leader and follower vehicles and found that the average headway ranged from 2.2 to 3 seconds, with heavy vehicles causing longer headways. Significantly, the study utilized the log-likelihood method to match statistical distributions to the data, consistently demonstrating that the Weibull distribution offered the most optimal fit. The literature review chapter can draw from additional studies referenced in the publication, such as those examining headway distribution in heterogeneous traffic and the use of various probability distributions to model time gaps in traffic flow (Kanagaraj et al., 2013; Dubey et al., 2013). This comprehensive review sets the stage for understanding the significance of headway analysis in the context of traffic flow and the choice of the Weibull distribution as the most suitable model.

the research publication by Sanjay Radhakrishnan and Gitakrishnan Ramadurai, offers valuable insights into the understanding of discharge headway and its significance in signalized intersections under heterogeneous traffic conditions. The authors emphasize that discharge headway, defined as the time interval between successive vehicles during the green phase of a signalized intersection, which are essential for optimal signal operations and traffic management.
The study recognizes that while there have been numerous investigations into discharge headway in uniform traffic conditions, limited attention has been given to heterogeneous traffic scenarios characterized by mixed vehicle compositions and a lack of lane discipline. Radhakrishnan and Ramadurai propose an innovative method for measuring headways under such conditions by Segmenting lanes into several strips, each roughly equivalent to the width of a motorcycle. This approach allows for more accurate and meaningful headway measurements in situations where two-wheelers might move to the front of the queue during green signal phases and discharge side by side without lane discipline.

Data for the study were collected from signalized intersections, focusing on one approach at each intersection. The study revealed that factors such as vehicle type, the lateral position of vehicles on the road section, and elapsed green time significantly impact discharge headway. These findings underline the importance of developing a discharge headway model tailored to heterogeneous traffic conditions, which could be instrumental in determining saturation flow rates and intersection capacity more accurately.

The study further discusses the utilization of linear regression models to represent discharge headway, with coefficients for various factors. Notably, the linear mixed-effects regression model proved to be a more refined approach by accounting for variability due to vehicle type, emphasizing the need for more accurate error term specifications.

In conclusion, this publication by Radhakrishnan and Ramadurai makes a substantial contribution to the understanding of discharge headway in heterogeneous traffic conditions. It underscores the significance of factors such as vehicle type, lateral positioning, and green time in affecting discharge headway. The proposed models for discharge headway estimation, including linear regression and linear mixed-effects regression, offer valuable tools for optimizing signal operations in heterogeneous traffic scenarios. The study also suggests avenues for further research, such as examining the impact of geometric factors, turning movements, vehicle composition, driver and pedestrian responses, and the presence of bus bays on discharge headway, with the potential to enhance the performance of existing models (Radhakrishnan & Ramadurai, 2015).

In the field of traffic engineering and urban road planning, the modeling of time headway has emerged as a crucial aspect in understanding traffic dynamics and optimizing roadway systems. Mohammed Alhamdany's 2022 study, investigates the characteristics of time headway modeling for each lane on two urban highways, Time headway, defined as the temporal distance between successive vehicles, is influenced by the flow rate of vehicles and plays a fundamental role in traffic analysis, design, and operation. Alhamdany's research employed advanced techniques, including image processing and Python for video analysis, to gather and analyze field headway data, providing valuable insights into the time headway distribution for varying flow levels under mixed traffic conditions.

The study considered multiple flow rates, employing the Kolmogorov-Smirnov test to select appropriate headway distributions for each lane. The results highlighted that various lane showed unique patterns in headway distribution models. The Generalized Extreme Value (GEV) distribution was found to accurately characterize over 90% of the observed distributions across the majority of lanes and segments on an expressway. Moreover, the research compared automated vehicle counting with manual methods,

revealing high accuracy results in both total flow and individual lanes, thereby emphasizing the importance of advanced data collection techniques in traffic analysis.

This study builds on previous work in the field, such as research conducted in Riyadh, Saudi Arabia, and Bangkok, Thailand, which focused on analyzing time headway distributions under varying traffic conditions. The current research expands on these studies by offering insights into the specific characteristics of time headway modeling for urban highways in Baghdad. Furthermore, it underscores the significance of choosing appropriate probability distributions and nonparametric regression techniques to develop accurate models for different lanes based on driver behavior and lane selection.

In conclusion, Mohammed Alhamdany's research makes a significant contribution to the field of traffic engineering by providing valuable insights into time headway modeling for urban highways in Baghdad. The study's findings are relevant for traffic system planning, design, and operation, and they highlight the critical role of time headway in ensuring safe and efficient traffic flow. The research emphasizes the need for tailored modeling approaches for different lanes, considering the diversity of driver behavior and traffic conditions. Additionally, the study's results have practical implications for road safety and traffic regulation in the region, shedding light on the challenges of achieving safe time headways in high-traffic volume situations. Overall, this research serves as a valuable resource for traffic engineers, urban planners, and policymakers seeking to enhance the efficiency and safety of road systems in urban environments.

Research by Dubey, Ponnu, & Arkatkar, 2013 explores the modeling of time gap data under mixed traffic conditions, with a specific focus on transforming countries in Asia. The authors underscore the distinctions between traffic conditions in developing nations characterized by heterogeneity and those in developed nations marked by homogeneity. They highlight the need for time gap modeling in the context of mixed traffic, which is characterized by imperfect lane discipline and non-following interactions. Previous research has primarily focused on time headways at flow levels up to 1800 vehicles per hour (vph) due to limitations in traffic volume. Chandra and Kumar (2001) specifically examined headways in India, focusing predominantly on traffic conditions with a volume ranging from 900 to 1600 vehicles per hour, which were characterized by heterogeneity. There is a dearth of research in the current literature addressing the modeling of time gaps using mixture distributions, particularly under the unique traffic conditions prevalent in India. This dissertation endeavors to fill the existing research gap by creating models for vehicle generation and time gaps. These models utilize mixture distributions and are designed specifically for medium to high flow levels within the context of heterogeneous traffic conditions in India.

The authors stress the significance of employing robust goodness-of-fit tests, such as the Cramer-von Mises test, to assess the statistical integrity of the identified distributions The data for the study was collected from a major arterial in Chennai, India, with flow levels between 2125 to 4100 vph. The dissertation utilizes diverse mixture models, incorporating pairings like Exponential with Extreme-value, Lognormal with Extreme-value, Weibull with Extreme-value, Weibull with Lognormal, and Exponential with Lognormal. Their efficacy is evaluated through the application of statistical tests. The research outcomes suggest that, especially at flow levels exceeding 1900 vehicles per hour, the Weibull and Extreme-Value (WEV) mixture model proves to be the most proficient in modeling time gap data under mixed traffic conditions. This deduction is based on the consistent performance of the WEV model in both the Cramer-von Mises and K-Sample Anderson-Darling tests. (Dubey, Ponnu, & Arkatkar, 2013). The dissertation proposes potential avenues for future research, which involve exploring the suitability of these amalgamated models in higher flow scenarios and across diverse types of roadways. This includes testing their effectiveness on varied road types, such as rural roads and highways with differing compositions of vehicles. (Dubey, Ponnu, & Arkatkar, 2013).

3. CHAPTER
METHODOLOGY

3.1. Data Collection

3.1.1. Factors considered for selecting suitable location for data collection

In the pursuit of accurate and meaningful data collection for transportation studies, the critical initial step of selecting an appropriate location is influenced heavily by the environmental conditions and characteristics of the chosen site. The various factors considered when choosing a suitable location for data collection are explored in this section. The reliability of the gathered data is emphasized, with a focus on the impact of environmental conditions and site characteristics.

- A stretch of road devoid of any lateral obstructions, such as intersections, parking slots, inclines or bus bays
- Approximately Straight and flat road section
- Availability of enough shoulder
- Weather condition
- Good visibility
- Homogeneous section (in geometric and functional terms) for at least 1km up and down stream.
- Relatively Good pavement surface conditions

3.1.2. Assumptions and Considerations for Data Collections

- Uni-directional traffic.
- Headways are analyzed separately along lanes.
- Size of the sample.
- Time sub-interval suitable for observation.

e.g.: Sampling at 15-minute intervals ensures a sufficiently large sample size across all flow ranges. Additionally, this approach assumes the presence of steady traffic flow conditions (Riccardo & Massimiliano, 2012).

- Appropriate PCU factors.
- Suitable number of volume ranges for classification of sub interval based on traffic volume.

3.1.3. Identified locations for data collection

- A004 road (High level road section) at Pannipitiya
- A001 road (Colombo –Kandy section) at Kegalla
- Marine drive road (Dehiwala – Kollupitiya section) at Wellawatta
- AB -042 road (Gatambe – Kandy section) at Hirassagala

3.1.4. Nature of identified road sections

Characteristics of the selected road sections such as directional split, presence of center median, number of lanes per direction and lane width are summarized in table 3.1.

General details of selected road sections

Road Section	Directional split	Center median separated or not	No of lanes per direction (Nos)	Average width of a lane (m)
A004 road (High level road section) at Pannipitiya	50/50	Not Separated	2	3.7 m
A001 road (Colombo –Kandy section) at Kegalla	50/50	Not separated	1	3.4 m
Marine drive road (Dehiwala – Kollupitiya section) at Wellawatta	50/50	Not Separated	2	3.3 m
AB -042 road (Gatambe – Kandy section) at Hirassagala	50/50	Separated with Kerb	2	3.4 m

3.1.5. Nature of vehicular traffic at selected road sections

Characteristics of the vehicular traffic for selected road sections including lane following nature, traffic composition and maneuverability nature of the drivers are summarized in table 3.2.

Table 3.2 General details of vehicular traffic at selected road sections

Road section	Typically, Vehicles follow lane discipline or not	General Composition of traffic	Following & non following nature of flow	Maneuverability Nature of traffic
A004 road (High level road section) at Pannipitiya	No	High proportion of light vehicles	Following	High
A001 road (Colombo – Kandy section) at Kegalla	No	High proportion of light vehicles	Following	High

Marine drive road (Dehiwala – Kollupitiya section) at Wellawatta	No	High proportion of light vehicles & buses	Following	medium
AB -042 road (Gatambe – Kandy section) at Hirassagala	Yes	High proportion of light vehicles	Following	medium

3.1.6. Observations at road sections

Presence of slower vehicles leads to,

- Regular formation of platoons, consequently amplifying the risk-taking tendencies of drivers.
- Consequently, there is an increase in the percentage of shorter headways, leading to highly skewed observations.

3.1.7. Duration and Frequency of Data collection

Video graphic surveys were conducted for each road section during three peak time intervals throughout the day, namely 7.00 -9.00 am, 12.00-2.00 pm and 4.00 -6.00 pm, which was identified during the initial observations of the road sections and also based on the findings of the literature review. Each time interval was sub divided in to sub time intervals of 15 min in order to identify the variation of flow.

3.1.8. Data collection using Video graphic technique

Steps involved with data collection are as follows.

- Arbitrary reference line was marked on the selected locations. It is a randomly chosen reference line which was established at specific locations for the purpose of the study. This line serves as a benchmark or point of reference. It is often used to measure or observe parameters or occurrences in relation to this arbitrary reference point.
- Cameras were set at selected locations to record vehicles passing the reference line.
- Camera was mounted at a higher ground so that view is not severely obstructed by another vehicle. It is important to measure headway between successive vehicles.
- Vehicles passing the arbitrary reference line were video recorded throughout the time intervals defined in the previous section independently for each specific road sections.

3.1.9. Extraction of video recordings data using Software Tool

Time stamps during the entering of front bumper for each vehicle was extracted from video recordings manually by image processing using software “Traffic data Extractor” developed by IIT Bombay. major steps involved in the process are as follows,

- Select the "Speed Extractor" option by clicking the command button.
- Open the required file by clicking the "Open" button.
- Ensure the video file is in 720p resolution or lower for optimal performance.
- Click on four points outlining the identified rectangle in the specified order, providing length and breadth in the input box in the format (L, B).

Figure 3.1 – Arbitrary rectangle with order of points

- Press the corresponding key on the keyboard as a vehicle enters the study stretch and repeat when it passes the finish line.
- Utilize keyboard shortcuts as indicated in the provided list.

Table 3.3 Short cut keys used in Traffic Extractor software.

Vehicle	Shortcut key
Motor cycles	B
Three Wheelers	A
Cars, small vans, SUV	C
Utilities, pickup, single cab, double cab	L
Bus, truck, mini bus, canter, tipper	H, U

- Repeat the process for all required vehicles, using the 'Go To' button to navigate backward in the video.
- To export extracted data, click the "Export Summary" button to generate the output as a .csv file

Figure 3.2 – Arbitrary entry and exit lines

Figure 3.3 – Data collection locations

3.1.10. Extraction of video recordings data and determination of headways

• Time stamps during the entering of front bumper for each vehicle was extracted from video recordings manually by image processing using software "Traffic data

Extractor" developed by IIT Bombay following the steps explained in the above section.

- Determine headways between successive vehicles based on the time gap between the entry times of their front bumpers.
- In addition, vehicle type as well as the speed of vehicle also obtained using the above software.
- Total of 24,201-time headways were collected through the data collection.

3.2. Headway data analysis

Collected headway data will be analyzed mainly based on two scenarios for the purpose of developing probability density functions,

- To analyze variation of headway under different traffic flow conditions.
- To analyze headway data based on different leader-follower pairs.

3.2.1. Analyze variation of headway under different traffic flow conditions.

Calculated time headway values were categorized in to several traffic flow ranges defined based on the flow values at different time intervals to elucidate the Level of Service for road sections which illustrate low medium and congested traffic scenarios for the purpose of developing probability density functions.

3.2.2. Identification of suitable time sub intervals

Sub time interval should be defined to calculate flow rates. Sub time intervals were defined in a manner that sample size (No of headways) is large enough for all flow ranges. Otherwise during low flow ranges sample size may not be enough for analyze. And also, it is assumed that steady vehicle flow condition is prevailed during each sub time interval.

3.2.3. Calculation of vehicular flow rates

For each selected road section, vehicular flow rates (veh/hr.) should be calculated for each pre-defined sub time intervals (e.g. : 15 min sub time intervals) separately.

3.2.4. Classification of Sub-Time Intervals Having Similar Flow Rates

After calculation of flow rates for each pre-defined time sub interval for each selected road section, time sub intervals having similar flow rates are identified.

3.2.5. Defining Traffic Flow Ranges

Several traffic flow ranges are defined based on the reported flow rate values calculated for each sub time intervals for each road section. The flow rate ranges were

carefully defined to ensure their meaningful and relevant applicability in the analysis of traffic flow dynamics through a comprehensive approach that combined insights from a thorough literature review, referencing previous studies that had categorized traffic flow based on flow rates, and incorporating data collected during the study. Additionally, established traffic engineering standards and guidelines were consulted to inform the categorization process.

The development and identification of these flow rate ranges were not solely theoretical but rather rooted in the practical realities of the urban traffic environment in Sri Lanka. Their purpose is to elucidate the Level of Service for road sections during specific durations. It should be noted that, for multi-lane roads, a capacity of 2000 vehicles per hour per lane (vph/l) is generally identified [11].

Defined traffic flow ranges,

Low traffic flow condition - Less than 400 vph

Medium traffic flow condition – Between 400 vph and 1200 vph

Congested traffic flow -More than 1200 vph

The "Low traffic flow condition," which is characterized by flow rates of less than 400 vehicles per hour (vph). This range is characterized by a maximum Volume-to-Capacity ratio of less than 0.2, effectively modeling a free-flowing traffic condition with Level of Service A and B.

The "Medium traffic flow condition," which encompasses flow rates between 400 vph and 1200 vph. In this scenario, the Volume-to-Capacity ratio falls within the 0.2 to 0.6 range, depicting a state of moderate traffic flow under stable conditions. However, most drivers experience restrictions in their ability to choose speed, change lanes, or overtake. In this scenario, the Level of Service is akin to Level C.

The "Congested traffic flow" condition, which accounts for flow rates exceeding 1200 vph. In this case, the Volume-to-Capacity ratio surpasses 0.6, signifying a highly congested traffic flow scenario. Drivers face substantial reductions in speed, potential momentary stoppages, and traffic flow nearing its capacity limit. Consequently, the Level of Service in this context aligns with Level D and E.

These meticulously defined traffic flow ranges and their corresponding Level of Service assessments offer a structured framework for the analysis and characterization of time headway in selected road sections across various traffic conditions, contributing to an enhanced understanding of the time headway variation with flow variations in Sri Lankan context.

3.2.6. Developing Time Headway Samples for each Flow Range

Create samples of time headways by combining subsets that include headway data from consecutive sub-time intervals within a specific flow rate range. This process involves aggregating data across multiple sub-intervals to form comprehensive sets representative of particular flow rate ranges.

3.2.7. Developing Frequency Distribution for each flow Range

Frequency distributions are developed separately for each identified flow range for each road section to demonstrate headway distribution within that flow range.

3.2.8. Developing cumulative frequency distribution for each flow range

Cumulative Frequency distributions were developed based on frequency distributions separately for each identified flow range for each road section in order to compare with selected empirical distribution functions to model headway within that flow range.

3.2.9. Analyze headway data based on different leader-follower pairs.

The calculated time headway values were systematically grouped according to leader-follower pairs. This categorization aimed to elucidate how time headway varies across diverse combinations of vehicles. The purpose behind this categorization was to facilitate the development of probability density functions, offering a more nuanced understanding of the distribution of time headways within specific vehicle pairings.

3.2.10. Identification of suitable vehicle types based on axel configuration

A vehicle classification was developed based on Malaysia Highway capacity manual (2011) and ATC scheme F classification system (USA) to future analysis shown in table 3.3.

Table 3.3 Vehicle classification

Vehicle class	Description
MC	Motor cycles
TW	Three Wheelers
CAR	Cars, small vans, SUV
COM	Utilities, pickup, single cab, double cab
HV	Bus, truck, mini bus, canter, tipper

3.2.11. Development of Leader-Follower pair combinations

Based on the data collected on type of vehicles according to above vehicle classification different leader follower pair combinations can be developed as shown in table 3.4.

Table 3.4 Leader follower combinations

	Follow

Leader-Follower		MC	TW	CAR	COM	HV
Lead	MC	MC-MC	MC-TW	MC-CAR	MC-COM	MC-HV
	TW	TW-MC	TW-TW	TW-CAR	TW-COM	TW-HV
	CAR	CAR-MC	CAR-TW	CAR-CAR	CAR-COM	CAR-HV
	COM	COM-MC	COM-TW	COM-CAR	COM-COM	COM-HV
	HV	HV-MC	HV-TW	HV-CAR	HV-COM	HV-HV

3.2.12. Development of time headway samples for each Leader-Follower pair

Calculated time headway data were classified based on vehicle pairs developed in table 3.4 to prepare set of time headway values belong to same leader follower pair with the aim of developing probability density functions for each leader follower pair combination to analyze time headway variation in each leader follower pair.

3.2.13. Development of frequency distributions for each Leader-Follower pair

Develop frequency distributions for each time headway data set classified based on leader follower pairs. with the aim of developing probability density functions for each leader follower pair combination to analyze time headway variation in each leader follower pair.

3.2.14. Development of cumulative frequency distributions for each Leader-Follower pair

Develop Cumulative frequency distributions based on frequency distributions developed for headway data sets classified based on leader follower pairs to compare with the selected empirical distributions function to model headway based on leader follower pairs.

3.3. Headway Distribution Modeling

Probability density functions were developed for both scenarios to compare with empirical distribution models to identify most suitable models for each scenario.

- Develop Probability Density Function for Time Headway Under Various Flow Conditions.
- Develop Probability Density Function for each identified leader-follower pairs.

3.3.1. Develop Probability Density Function for Time Headway under Various Flow Conditions

A comprehensive analysis involved the development of Probability Density Functions (PDFs) tailored for pre-defined flow ranges on a road section basis. This meticulous approach aimed to discern the most suitable empirical distribution model for each flow range. The utilization of “Easy Fit” software facilitated this process, enabling a thorough exploration of distribution patterns and aiding in the selection of the best-fitting model for each specific flow range.

a. Descriptive Statics of Headway Data

In the quest to pinpoint an appropriate distribution model for headway distribution within distinct flow intervals, a rigorous analysis involved the computation of fundamental statistical parameters. This encompassed the calculation of metrics such as mean, median, standard deviation, variance, coefficient of variation, skewness, and kurtosis for the distributions developed. These statistical measures were crucial in assessing the characteristics and fit of various distributions under different flow intervals, providing a comprehensive understanding of the underlying patterns in the data.

Characteristics of headway distribution can be identified from statistical parameter values such as,

- If Mean < Median,
- When the mean is less than the median, it indicates a concentration of shorter headways within the dataset. In this context, it suggests that a majority of drivers tend to opt for headway values that are less than the calculated mean. This observation implies a clustering of vehicles with shorter temporal gaps between them, highlighting a specific pattern of behavior among drivers in choosing their headways.
- These characteristics indicate a heightened propensity for risk among the driver population
- As traffic flow increases, both the mean and standard deviation experience a decline. This phenomenon arises from a shift in headway behavior, transitioning from a random distribution to a more consistent and constant state. The decrease in these statistical measures signifies a convergence toward a more uniform pattern in the spacing between successive vehicles, reflecting a notable change in the dynamics of traffic flow as it intensifies.

- Skewness and Kurtosis:
- A positive skewness in the distribution suggests an elongated tail on the right side, implying the occurrence of occasional instances with exceptionally long headways. This skewness indicates that while the majority of headways may be clustered towards shorter durations, there exist infrequent but notable occurrences of extended temporal gaps between consecutive vehicles. The distribution's rightward skewness signifies a non-uniformity in the data, with a propensity for longer headway values in specific instances.
- A negative skewness within the distribution implies an elongated tail on the left side, signaling occasional instances of very short headways. This skewness indicates that, while the majority of headways might cluster towards longer durations, there are sporadic occurrences of notably brief temporal gaps between consecutive vehicles.

The leftward skewness in the distribution points towards a non-uniformity in the data, with occasional shorter headway values occurring in specific instances.

- High positive kurtosis implies heavy tails and more extreme values in the distribution, indicating potential for significant traffic congestion or irregularities.
- Low kurtosis suggests lighter tails and a more "normal" distribution of headways.
- Coefficient of Variation (CoV):
- CoV (standard deviation / mean) can indicate the relative variability of headways across different traffic flows.
- A high CoV suggests that the headways vary widely from the mean, indicating potential for more inconsistent traffic patterns.
- Percentiles:
- Percentiles like the 25th, 50th (median), and 75th can provide insights into the spread of headway values at different levels.
- The interquartile range (75th percentile - 25th percentile) can indicate the range within which the middle 50% of headway values lie.
- Variance:
- High variance indicates greater variability in headway values, suggesting less predictability in traffic flow.
- Relationship between Mean and Skewness:
- A positive skewness with a mean greater than the median might imply that there are occasional instances of significantly longer headways that are affecting the average.
- A negative skewness with a mean less than the median might indicate occasional instances of very short headways that are pulling down the average.
- Relationship between Variance and Mean:
- A decrease in variance as traffic flow increases can indicate a transition from more chaotic and variable traffic patterns to a more stable and consistent flow.
- Outliers:
- Extreme values that lie far from the mean could indicate situations of sudden braking or acceleration, potentially linked to risky driving behaviors or congestion.
- Bimodality or Multimodality:
- The presence of multiple modes in the distribution could indicate distinct driving behaviors or patterns during different periods.
- Relationship to Traffic Conditions:
- Analyzing these parameters under different traffic conditions (e.g., rush hour vs. off-peak) could reveal insights into how driving behaviors change in response to traffic density.
- Change over Time:
- Studying these parameters over time could help identify trends, such as improvements in traffic management or changes in driver behavior

These characteristics can vary based on the specific dataset and context. It's essential to interpret these statistical insights in conjunction with a solid understanding of traffic dynamics and driver behavior.

b. Selection of Suitable Empirical Distribution Model for Time Headway Under Various Flow Conditions

Standard empirical static models are used to study time headway. Based on literature reviews and past studies several distribution models were selected as summarized in table 3.5.

Table 3.5 Suitable distribution models based on flow condition

Author (Year)	Name of the distribution function	Comments
Adams (1936)	Poisson distribution	Vehicle arrival in short periods
Greenberg (1966)	Log normal distribution	Car-following models
Mei and Bullen (1993)		
Luttinen (1996)		
Dey& Chandra (2009)		
Kumar and Rao (1998)	Negative exponential d distribution	Model ling of headways at low flow; headways of smaller vehicles such as two-wheelers
Al-Ghamdi (2001)		
Arasan and Koshy (2003)		
Luttinen (1996)	Gamma distribution	Low to moderate flow level
Yin et al. (2007)	Log-logistic distribution	Congestion status I Heavy flow at peak hours
Jang (2012		
Riccardo and Massirnii iano (2012)	Pearson 5, Pearson 6	Meet all the traits at heavy flow
Griffiths and Hunt (1991) Zhang (2007)	Double displayed negative exponential distribution	Appropriate for mixed traffic in urban scenario

(Roy & Saha, 2018)

3.3.2. Develop Probability Density Function for Time Headway Based on the Combination of Leader Follower Pair

Probability Density Functions were developed for pre-defined twenty pairwise combinations identify the best fitting empirical distribution model for each vehicle combination range Easy fit software

a. Descriptive Statics of Headway Data

In the pursuit of identifying an appropriate distribution model for headway distribution across various leader-follower pairs, a comprehensive analysis was conducted. This involved the calculation of essential statistical parameters such as mean, median, standard deviation, variance, coefficient of variation, skewness, and kurtosis for the developed distributions. These statistical measures were instrumental in assessing the characteristics and fit of various distributions under different leader-follower pair scenarios, providing a nuanced understanding of the underlying patterns in the data associated with distinct vehicle combinations.

Characteristics of headway distribution can be identified from statistical parameter values such as,

- Mean and Median:
- For each vehicle pair, comparing the means and medians of headway distributions can help identify the average spacing between vehicles. If motorcycles tend to have smaller means and medians compared to heavy vehicles, it suggests that motorcycles typically maintain shorter distances between each other.
- Standard Deviation and Variance:
- Higher standard deviation and variance values imply greater variability in headway data. If heavy vehicles exhibit higher standard deviations compared to cars, it could mean that heavy vehicle spacing is less consistent, leading to more irregular gaps between them.
- Coefficient of Variation (CV):
- Calculating CV for each vehicle pair can help in comparing the relative variability in headway data. A higher CV for three-wheelers compared to cars might indicate that three-wheelers have more inconsistent spacing between them relative to their mean spacing.
- Skewness:
- Skewness can show if the headway data is skewed towards longer or shorter gaps. If motorcycles exhibit positive skewness (tail to the right), it suggests that there are occasional instances of longer headways between motorcycles.
- Kurtosis:
- High kurtosis values suggest heavy tails and potentially more outliers. If heavy vehicles show higher kurtosis compared to cars, it indicates that there might be more extreme values in heavy vehicle headways.
- Distribution Shape and Modality:
- Analyzing skewness and kurtosis together can reveal the shape of the distribution. For instance, if three-wheelers exhibit negative skewness and a flatter peak (low kurtosis), it might suggest a wider range of headway values compared to other vehicle pairs.
- Outliers:
- Identifying outliers in headway data can help understand exceptional cases. If heavy vehicles frequently have very short headways compared to other vehicle types, it might imply tailgating behavior, indicating a potential safety concern.
- Symmetry and Normality:

- If cars exhibit relatively symmetrical and normal-like distributions, it suggests that car headway values are more evenly distributed around the mean. On the other hand, if motorcycles have skewed or non-normal distributions, it could point to specific driving patterns.
- Comparing Vehicle Types:
- By comparing these parameters across different vehicle types, you can identify which vehicle pairs tend to maintain more consistent spacing, which ones show larger variations, and where specific patterns of headway distribution might exist.

Overall, analyzing these statistical parameters across different vehicle pairs can provide insights into driving behavior, adherence to safe following distances, and potential differences in traffic flow dynamics. These insights are crucial for designing effective traffic management strategies and ensuring road safety.

3.4. Selection of Best Fitting Distribution

3.4.1. Normality Tests

In this research, before applying parametric statistical tests that assume normality, normality test should be conducted to verify whether their data meets this assumption. If the data is not normally distributed, it can impact the validity and reliability of the results obtained from these analyses. If the data is not normally distributed, which means null hypothesis is rejected, proceed with non-parametric tests to select the best fitting distribution for previously developed scenarios.

- Hypotheses:
- Null Hypothesis (H_0) : The data follows a normal distribution.
- Alternative Hypothesis (H_a) : The data does not follow a normal distribution.
- Choose a Normality Test:

Various tests for normality are routinely employed, with notable examples encompassing the Anderson-Darling test, Shapiro-Wilk test, and Kolmogorov-Smirnov (K-S) test, among other established methods. The datasets underwent thorough analysis, scrutinized against all three of these tests to evaluate their adherence to a normal distribution. This multifaceted approach aimed to provide a robust assessment of the normality of the data, considering different statistical methods for a comprehensive understanding of distribution characteristics.

- Calculate the Test Statistic:

The chosen normality test will calculate a test statistic based on the data.

- Determine the Critical Value/Significance Level:
- Choose a significance level (often denoted as α), such as 0.05.
- Compare the calculated test statistic with the critical value from a statistical table or software (e.g.- SPSS, NCSS).
- Make a Decision:

- When the computed p-value, representing the probability associated with the test statistic, surpasses the selected significance level (α), the appropriate course of action is to refrain from rejecting the null hypothesis. This outcome indicates that the available evidence does not substantiate a significant departure of the data from a normal distribution. Essentially, it implies that, at the chosen level of significance, there isn't sufficient support to assert a meaningful deviation from the assumption of normality in the dataset under consideration.
- If the p-value is less than α, reject the null hypothesis. This suggests that the data significantly deviates from a normal distribution.
- Interpretation:
- If the null hypothesis is not rejected, data follows a normal distribution (for the purposes of the analysis that assumes normality).
- If the null hypothesis is rejected, consider using non-parametric methods or transformations for statistical analysis.
- It's important to note that no normality test is definitive proof of normality; rather, it indicates whether there is sufficient evidence to assume normality for the purpose of conducting parametric statistical tests.
- Lastly, Goodness of fit tests are employed to determine the best fitting distribution used.

3.4.2. Selection of Best Fitting Distribution Using Goodness of Fit Tests

In the pursuit of pinpointing the most suitable distribution for the headway data, the application of goodness-of-fit tests becomes pivotal. These tests serve as evaluative tools, assessing how well the observed data aligns with various theoretical distribution models. By subjecting the headway data to these tests, determine the level of concordance or divergence between the empirical data and the expected patterns dictated by different distribution models. This analytical approach aids in identifying the distribution that offers the best fit to the observed headway data, enhancing the accuracy of modeling and interpretation in the context of traffic flow dynamics.

Kolmogrov-Smirnov K-S Test

The Kolmogorov–Smirnov statistic serves as a quantitative measure of the disparity between the empirical distribution function derived from the sample data and the cumulative distribution function associated with a reference distribution. This statistical metric essentially gauges the distance or dissimilarity between the observed distribution of the sample and the expected distribution according to a specified reference model. By scrutinizing this statistic, it is possible to assess the likelihood of the sample conforming to the reference distribution, providing insights into the goodness-of-fit and the compatibility between the observed data and the expected theoretical distribution.

- Development of null hypothesis

In the specific case of headway distribution and model compatibility, the null hypothesis states that there is no rejection of the fitted model as being incompatible with the observed headway distribution. wherein the objective is to determine whether the observed headway distribution is either rejected or not rejected based on its compatibility with the chosen model. This hypothesis serves as a pivotal element in statistical testing, providing a framework to assess the agreement or divergence between the empirical headway distribution and the distribution predicted by the selected model. The outcome of hypothesis testing informs about the appropriateness of the chosen model in representing the observed headway data.

α -Significance level (often 5%)

P- value -The probability of observing a result as extreme as or more extreme than the one actually obtained, falling within the range of 0 to 1.

Critical value - A threshold on the test statistic scale at which the rejection of the null hypothesis occurs.

If,

P-value $< \alpha$ - Null hypothesis is rejected

P- value $> \alpha$ - Null hypothesis is not rejected

- Calculate the 'D' value;
- For each value in your data, calculate the absolute difference between the EDF value and the CDF value at that point. The K-S statistic (D) is the maximum of these differences.
- The K-S test entails a comparison between the computed K-S statistic (D) and a critical value derived from the K-S distribution table, contingent upon the selected significance level (alpha). If the calculated D exceed the critical value, the null hypothesis is rejected, indicating that the sample likely does not conform to the presumed distribution.
- The distribution characterized by the smallest "D" value is considered the most suitable model.
- Easy Fit software serves as a tool for performing the K-S test and assessing the likelihood of adherence to empirical distribution for each specified reference cumulative distribution.

<u>Anderson darling Test</u>

- The test operates by contrasting the empirical cumulative distribution function (ECDF) derived from the observed data with the cumulative distribution function (CDF) of the theoretical distribution under examination. The Anderson-Darling test statistic (A^2) is employed to measure the disparity between these two distributions.

- To ascertain if the observed data exhibits a significant departure from the theoretical distribution, assess the calculated Anderson-Darling test statistic by comparing it with critical values from the Anderson-Darling distribution. These critical values are contingent upon the chosen significance level and the specific distribution being tested against.
- If the calculated test statistic exceeds the critical value, the null hypothesis is rejected, implying that the observed data does not align well with the theoretical distribution. Conversely, if the test statistic is smaller than the critical value, there is insufficient evidence to reject the null hypothesis, suggesting that the data could reasonably adhere to the assumed distribution
- Based on the above tests most suitable distribution model for headway distribution was identified for each and every flow range and also for each leader-follower pair combination.

4. CHAPTER
DATA SET

4.1. Classification of Time Headway Data Sets within 15 min Interval Based on Flow for Selected Road Sections

Flow values of time headway data for selected road sections during observed 15-minute time intervals and classification of each observed time interval in to flow ranges determined earlier are tabulated in table 4.1.

Table 4.1 Summary of Vehicular Flow

Time Interval		A4 - Road		A2 - Road		Marine drive Road		AB-042 Road	
		Flow Range	Flow (Veh/hr.)	Flow Range	Flow (Veh/hr.)	Flow Range	Flow (Veh/hr.)	Flow Range	Flow (Veh/hr.)
7:00 AM	7:15 AM	0-400	320	0-400	344	0-400	392	0-400	360
7:15 AM	7:30 AM	400-1200	884	0-400	356	400-1200	1124	400-1200	1116
7:30 AM	7:45 AM	400-1200	1108	400-1200	928	400-1200	856	400-1200	1188
7:45 AM	8:00 AM	>1200	1552	>1200	1208	>1200	1768	>1200	1620
8:00 AM	8:15 AM	>1200	1444	>1200	1396	>1200	1268	>1200	1596
8:15 AM	8:30 AM	>1200	1668	>1200	1664	>1200	1548	>1200	1412
8:30 AM	8:45 AM	400-1200	936	400-1200	1064	400-1200	1120	400-1200	1192
8:45 AM	9:00 AM	0-400	336	400-1200	488	400-1200	1184	400-1200	888
12:00 PM	12:15 PM	0-400	352	0-400	328	0-400	304	0-400	296
12:15 PM	12:30 PM	0-400	324	0-400	340	0-400	364	0-400	400
12:30 PM	12:45 PM	400-1200	932	400-1200	1128	400-1200	1112	400-1200	1200
12:45 PM	1:00 PM	0-400	348	400-1200	1160	400-1200	904	400-1200	708
1:00 PM	1:15 PM	0-400	332	0-400	316	0-400	300	0-400	384
1:15 PM	1:30 PM	400-1200	520	400-1200	1144	400-1200	1104	400-1200	1152
1:30 PM	1:45 PM	>1200	1264	>1200	1688	>1200	1752	>1200	1792
1:45 PM	2:00 PM	0-400	380	>1200	1760	>1200	1572	>1200	1356
4:00 PM	4:15 PM	400-1200	892	0-400	376	400-1200	1176	0-400	396

4:15 PM	4:30 AM	400-1200	1148	0-400	312	400-1200	1156	400-1200	1164
4:30 PM	4:45 PM	>1200	1780	400-1200	1168	400-1200	1172	>1200	1416
4:45 PM	5:00 AM	>1200	1604	>1200	1576	>1200	1740	400-1200	1136
5:00 PM	5:15 PM	>1200	1580	>1200	1756	>1200	1788	400-1200	872
5:15 PM	5:30 AM	400-1200	916	400-1200	1140	400-1200	1196	400-1200	1132
5:30 PM	5:45 PM	>1200	1716	0-400	368	400-1200	1084	0-400	372
5:45 PM	6:00 AM	400-1200	724	0-400	308	400-1200	1180	0-400	396

4.1.1. Vehicular Flow Rate Below 400 veh/h

Time headway data sets for 15-minute time intervals which belong to the flow range of 0-400 veh/hr. are summarized in appendix -1.

4.1.2. Vehicular Flow Rate Between 400 veh/hr. to 1200 veh/hr.

Time headway data sets for 15-minute time intervals which belong to the flow range of 400-1200 veh/hr. are summarized in appendix -2.

4.1.3. Vehicular flow above 1200 veh/hr.

Time headway data sets for 15-minute time intervals which belong to the flow greater than 1200 veh/hr. are summarized in appendix -3.

4.2. Classification of Time Headway Data Sets Based on Different Leader Follower pairs

Time headway data sets for 15-minute time intervals which belong to pre-defined leader follower pairs are summarized in appendix -4.

5. CHAPTER
RESULTS AND DISCUSSION

5.1. Introduction

The Results and Discussion chapter of this dissertation begins with an exploration of headway distribution on urban roads under heterogeneous traffic conditions. This analytical framework encompasses two critical scenarios: firstly, the examination of headway variations across diverse traffic flow conditions, and secondly, the exploration of headway data for different leader-follower pairs. Traffic flow conditions are divided into three distinct categories: less than 400 vehicles per hour, flow ranging between 400 and 1200 vehicles per hour, and flow exceeding 1200 vehicles per hour across various road sections.

In this chapter, a data-driven journey is embarked upon, with an in-depth examination of the descriptive statistics of headway data provided. Beyond mere summarization, an attempt is made to understand the nuances and patterns that emerge in different traffic flow scenarios. Moreover, the process involves the creation of probability density functions and cumulative density functions for these sets of headway data. These functions serve as essential tools for characterizing and modeling the underlying headway distribution.

One of the primary objectives of this research is to identify the most suitable empirical distribution for each flow range. To achieve this, rigorous goodness-of-fit tests, including the Kolmogorov-Smirnov, Anderson-Darling, and Chi-square tests, are employed. These statistical tests play a pivotal role in assessing how well various candidate distributions are aligned with the observed headway data, enabling informed decisions regarding distribution selection.

Furthermore, the software tools employed for data analysis, including SPSS, NCSS, and Easy Fit, are outlined. These software packages were instrumental in conducting the complex statistical analyses and ensuring the accuracy and reliability of our findings.

Through the comprehensive analysis presented in this Results and Discussion chapter, an attempt is made to shed light on the intricate dynamics of headway distribution under heterogeneous traffic conditions. A contribution is made to a deeper understanding of urban traffic behavior, with practical implications for traffic management and safety enhancement.

5.2. Analysis of Vehicular Flow

Time headway data sets in appendix-1 to 3 which were categorized in to three traffic flow ranges namely, 0-400 veh/hr,400-1200 veh/hr. and greater than 1200 veh/hr. defined based on the flow values at different time intervals to elucidate the Level of Service for road sections which illustrate low medium and congested traffic scenarios were analyzed for the purpose of developing probability density functions and identify best fit empirical distributions for each flow range.

5.2.1. Analysis of Vehicular Flow Rate Below 400 veh/hr.

Time headway data sets in appendix-1 which belong to traffic flow range 0-400 veh/hr., which illustrate low traffic scenario was analyzed for the purpose of developing probability density functions and identify best fit empirical distributions for each road section.

a. Descriptive statistics of data set below 400 veh/hr.

Table 5.1 showcases the descriptive statistics of the time headway dataset within the flow range of 0-400 vehicles per hour for each road section. The corresponding dataset details are provided in Appendix-01.

Table 5.1 Descriptive Statistics Less than 400 veh/hr. Flow

Statistic	Road Section			
	A04 Road	A01 Road	Marine Drive Road	AB-042 Road
Sample Size	591	753	336	644
Range	22.3	22.42	19.51	21.31
Mean	10.632	10.734	10.634	9.7511
Variance	10.851	11.088	11.563	10.909
Std. Deviation	3.2941	3.3298	3.4004	3.3029
Coef. of Variation	0.30985	0.31021	0.31975	0.33872
Std. Error	0.1355	0.12135	0.18551	0.13015
Skewness	0.58711	0.269	0.57625	0.56115
Excess Kurtosis	0.48762	0.07473	0.63063	0.35046
Percentile				
Min	2.13	0.84	3.77	1.15
5%	6.03	5.614	5.4285	4.875
10%	6.752	6.608	6.46	5.65
25% (Q1)	8.41	8.35	8.055	7.52

50% (Median)	10.26	10.62	10.33	9.34
75% (Q3)	12.71	12.835	12.767	11.855
90%	15.068	15.284	15.253	14.405
95%	16.816	16.402	16.291	15.69
Max	24.43	23.26	23.28	22.46

The descriptive statistics suggest that the time headway data for flow ranges less than 400 veh/hr. exhibit some variability across the road sections, with Marine Drive Road showing the highest variability. However, in general, the data tend to have similar mean values, indicating a consistent average time gap between vehicles. The positive skewness and higher kurtosis values in some sections suggest the presence of outliers or extreme values. Further analysis, including data visualization and hypothesis testing, may be needed to draw more specific conclusions about the characteristics of the time headway data and potential differences between road sections.

b. Probability Density Functions and Cumulative Density Function of data set below 400 veh/hr.

I. A 04 Road Section

Figure 5.1 illustrates the probability density function, while Figure 5.2 depicts the cumulative distribution function for the time headway data cluster categorized under the flow range of 0-400 vehicles per hour specifically for the A-04 road section.

Figure 5. 1 Probability Density Function-0-400 veh/hr-A04 Road

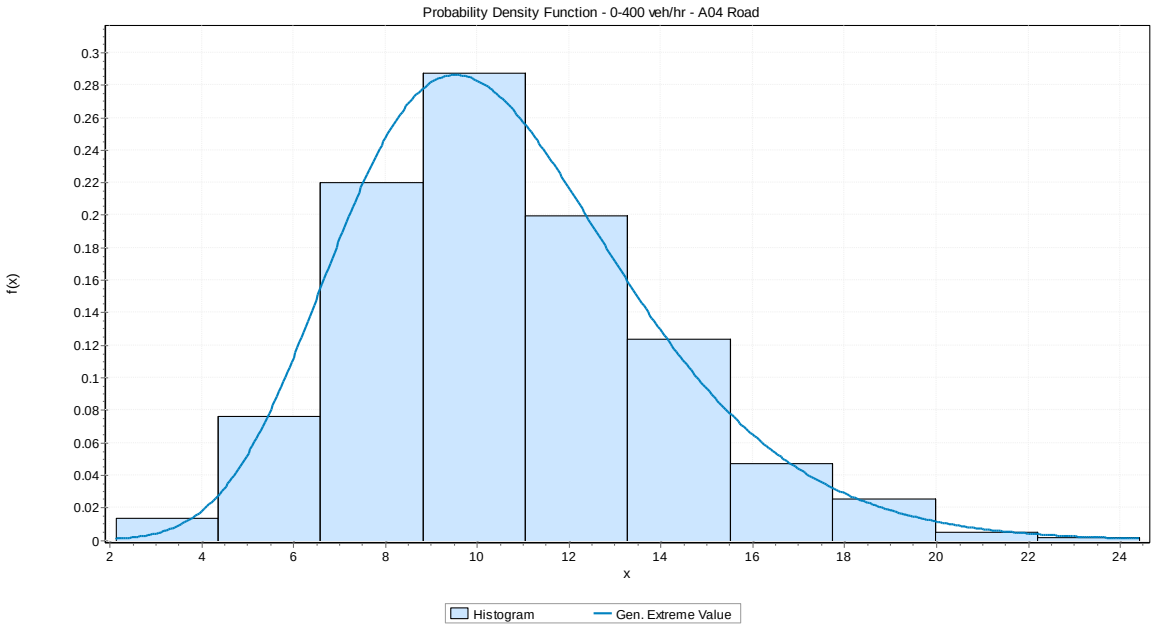
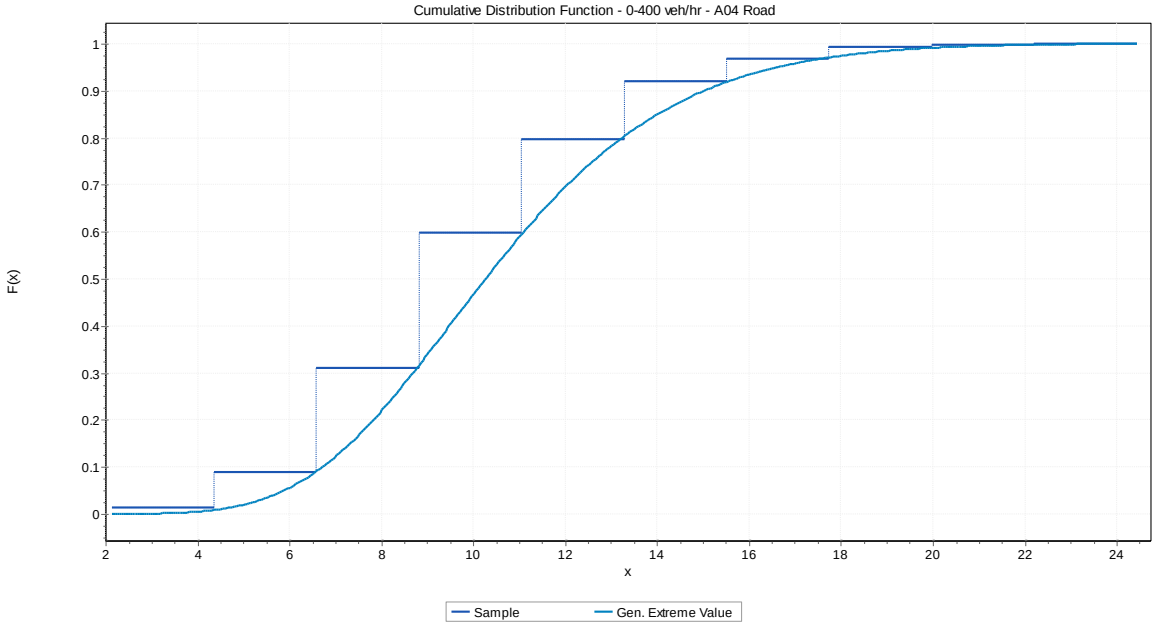


Figure 5. 2 Cumulative Distribution Function-0-400 veh/hr-A04 Road



II. A 01 Road Section

Figure 5.3 illustrates the probability density function, while Figure 5.4 depicts the cumulative distribution function for the time headway data cluster categorized under the flow range of 0-400 vehicles per hour specifically for the A-01 road section.

Figure 5. 3 Probability Density Function-0-400 veh/hr-A01 Road

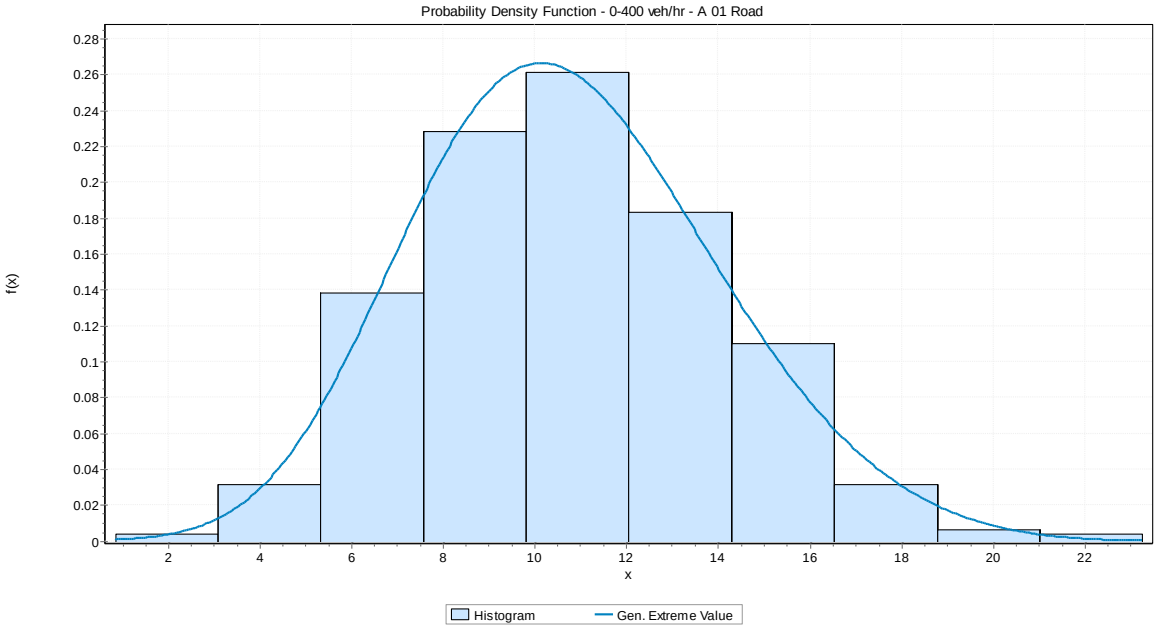
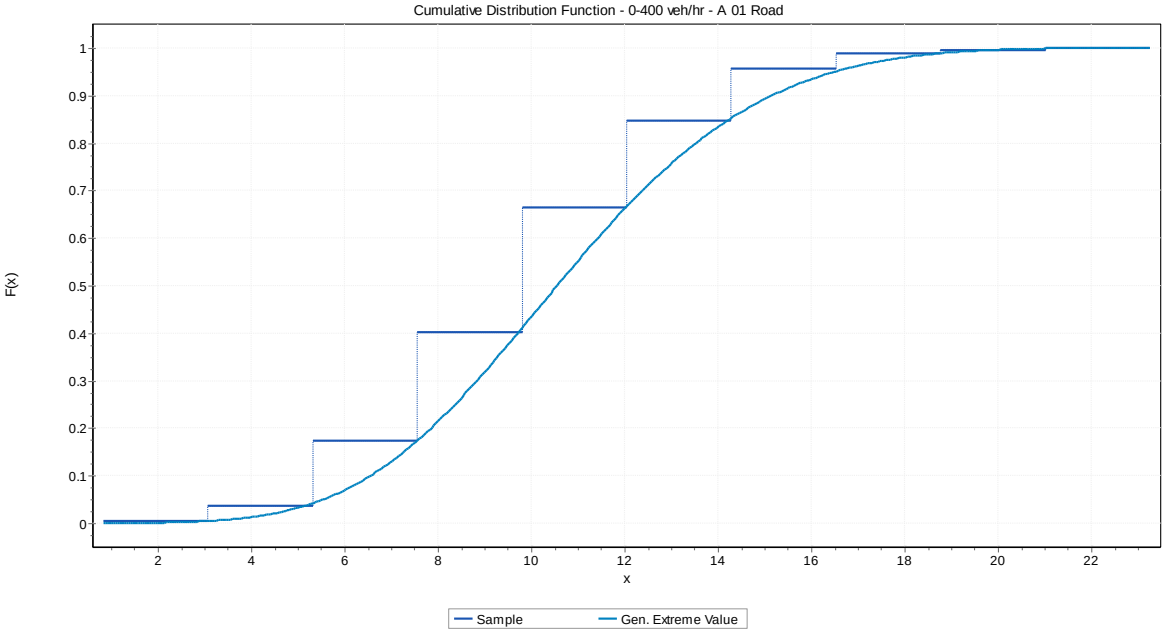


Figure 5. 4 Cumulative Distribution Function-0-400 veh/hr-A01 Road



III. Marine Drive Road Section

Figure 5.5 illustrates the probability density function, while Figure 5.6 depicts the cumulative distribution function for the time headway data cluster categorized under the flow range of 0-400 vehicles per hour specifically for the marine drive road section.

Figure 5. 5 Probability Density Function-0-400 veh/hr.-Marine Drive Road

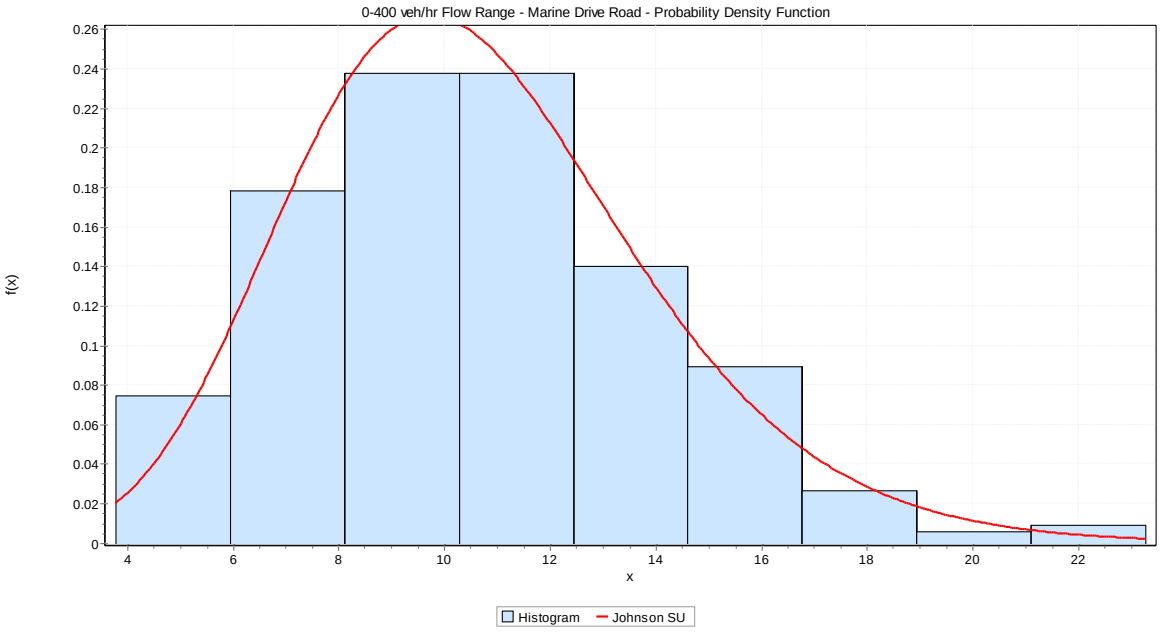
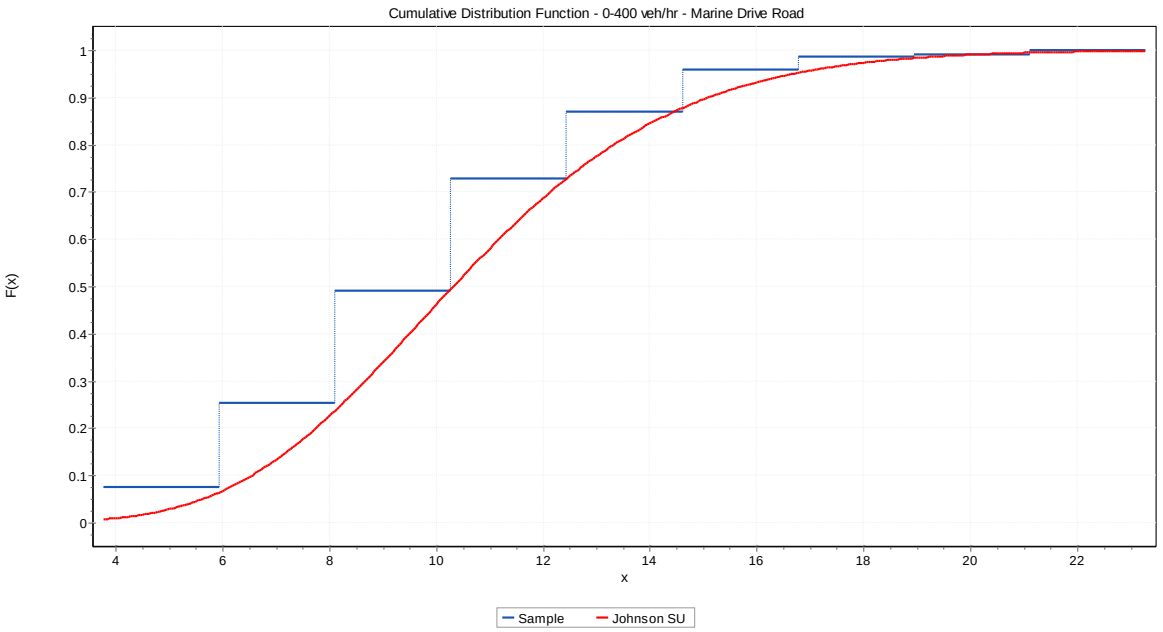


Figure 5. 6 Cumulative Density Function-0-400 veh/hr.-Marine Drive Road



IV. AB-042 Road Section

Figure 5.7 illustrates the probability density function, while Figure 5.8 depicts the cumulative distribution function for the time headway data cluster categorized under the flow range of 0-400 vehicles per hour specifically for the AB-042 road section.

Figure 5. 7 Probability Density Function-0-400 veh/hr-AB-042 Road

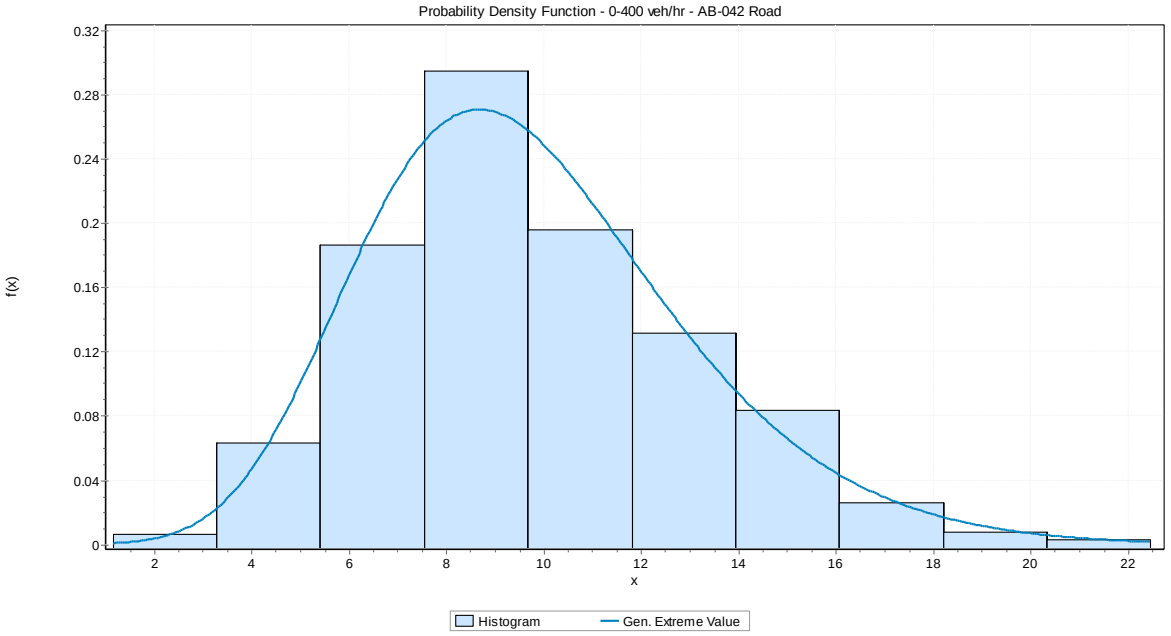
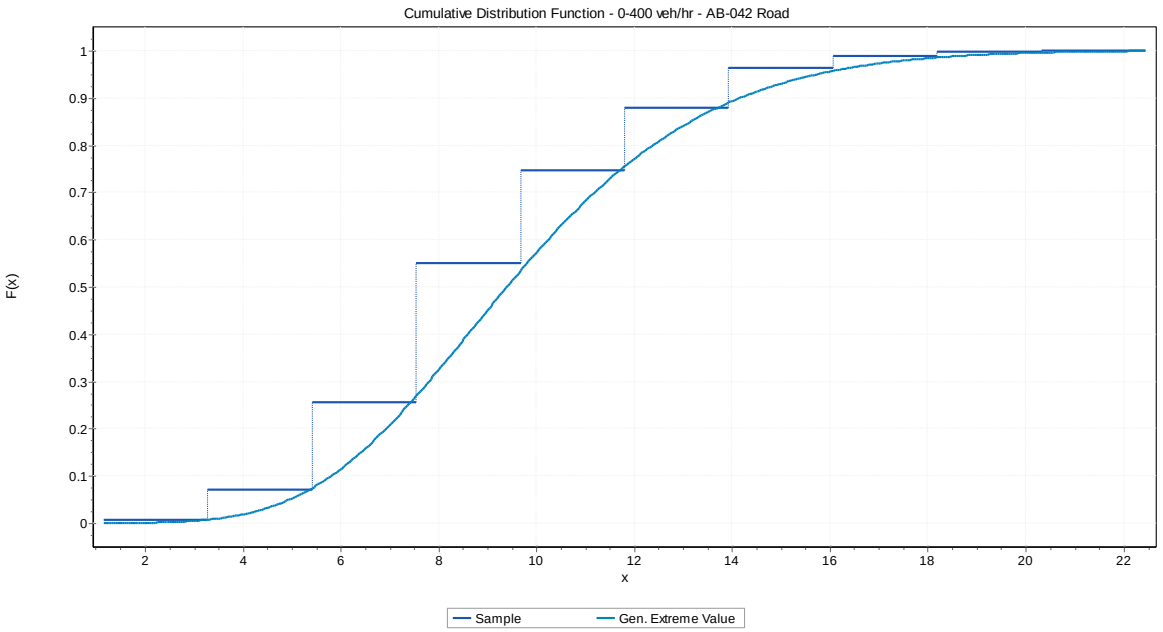


Figure 5. 8 Cumulative Distribution Function-0-400 veh/hr-AB-042 Road



c. Goodness of fit test statistics of data set below 400 veh/hr.

I. A 04 Road Section

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of A-04 road section belong to 0-400 veh/hr. flow range using easyfit software for Goodness of fit tests are tabulated in table 5.2.

Table 5.2 Goodness of Fit test statistics-0-400 veh/hr. flow- A 04 Road Section

Distribution	Kolmogorov Smirnov		Anderson Darling		Chi-Squared	
	Statistic	Rank	Statistic	Rank	Statistic	Rank
Fatigue Life (3P)	0.02415	10	0.35284	9	3.7325	5
Gamma	0.02157	3	0.31431	2	4.599	12
Gen. Extreme Value	0.02035	1	0.24051	1	3.6356	3
Gen. Gamma	0.02319	4	0.33302	6	3.6987	4
Inv. Gaussian	0.02367	5	0.89923	18	9.0173	20
Johnson SB	0.0214	2	0.32862	5	4.3798	10
Lognormal (3P)	0.0239	8	0.33332	7	3.868	6
Pearson 5 (3P)	0.02368	6	0.31743	3	3.5418	1
Pearson 6	0.02414	9	0.34392	8	4.0032	8
Pearson 6 (4P)	0.02381	7	0.32042	4	3.5427	2
Johnson SU	No fit					

Table 5.3 Critical values for different significance levels of best fitting distribution for 0-400 veh/hr. flow- A 04 Road Section

Goodness of Fit - Details					
Gen. Extreme Value [#21]					
Kolmogorov-Smirnov					
Sample Size	591				
Statistic (D)	0.02035				
P-Value	0.96308				
Rank	1				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	0.04414	0.05031	0.05586	0.06244	0.06701
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	591				
Statistic (A^2)	0.24051				
Rank	1				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No

Chi-Squared					
Deg. of freedom	9				
Statistic	3.6356				
P-Value	0.93372				
Rank	3				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

In conclusion, based on the comprehensive analysis of the Kolmogorov-Smirnov, Anderson-Darling, and Chi-Squared tests, The **General Extreme Value** distribution stands out as a robust choice for characterizing our dataset, showcasing its consistent and robust performance across different aspects of distribution fitting.
Across all three statistical tests, the distribution exhibits exceptional compatibility with the observed data.
The consistently lower test statistics and the high p-values suggest that the distribution is an excellent representation of the dataset.

II. A 01 Road Section

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of A-01 road section belong to 0-400 veh/hr. flow range using easyfit software for goodness of fit tests are tabulated in table 5.4

Table 5.4 Goodness of Fit test statistics-0-400 veh/hr. -A 01 Road Section

Distribution	Kolmogorov Smirnov		Anderson Darling		Chi-Squared	
	Statistic	Rank	Statistic	Rank	Statistic	Rank
Beta	0.01576	3	0.24092	4	3.9047	4
Burr	0.01807	10	0.37922	10	5.6259	10
Fatigue Life (3P)	0.01701	8	0.25948	8	3.9393	7
Gamma (3P)	0.01678	7	0.25437	7	4.3663	9
Gen. Extreme Value	0.0153	1	0.19953	1	3.6757	2
Gen. Gamma (4P)	0.01579	4	0.23658	2	4.1419	8
Johnson SB	0.01592	6	0.23816	3	3.8756	3
Lognormal (3P)	0.01719	9	0.26401	9	3.938	6
Nakagami	0.01584	5	0.24816	5	3.2491	1
Pearson 6 (4P)	0.01548	2	0.25354	6	3.928	5
Johnson SU	No fit					
Log-Gamma	No fit					

Table 5.5 Critical values for different significance levels of best fitting distribution for 0-400 veh/hr. flow- A 01 Road Section

Goodness of Fit - Details					
Gen. Extreme Value [#21]					
Kolmogorov-Smirnov					
Sample Size	753				
Statistic	0.0153				
P-Value	0.99347				
Rank	1				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	0.0391	0.04457	0.04949	0.05532	0.05936
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	753				
Statistic	0.19953				
Rank	1				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom	9				
Statistic	3.6757				
P-Value	0.93143				
Rank	2				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

Gen. Extreme Value consistently ranks well in all tests. In summary, for all three tests the p-values are relatively high, and the computed test statistics are smaller than the critical values for various significance levels.
This suggests that, based on these tests alone, you do not have strong evidence to reject the null hypothesis that the tested distributions do not fit the data well.

III. Marine Drive Road Section

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of marine drive road section belong to 0-400 veh/hr. flow range using easyfit software for goodness of fit tests are tabulated in table 5.6

Table 5.6 Goodness of Fit test statistics-0-400 veh/hr. -Marine Drive Road Section

Distribution	Kolmogorov Smirnov		Anderson Darling		Chi-Squared	
	Statistic	Rank	Statistic	Rank	Statistic	Rank
Burr	0.02731	9	0.1846	5	6.0107	21
Burr (4P)	0.02615	7	0.19257	8	3.4121	5
Fatigue Life (3P)	0.02598	6	0.19157	7	5.8887	18
Gamma (3P)	0.02729	8	0.20261	9	5.0764	10
Gen. Extreme Value	0.02433	2	0.18018	2	5.6484	16
Johnson SU	0.0235	1	0.16998	1	5.4671	12
Log-Pearson 3	0.02821	10	0.21629	10	3.9988	9
Lognormal (3P)	0.02518	5	0.18694	6	5.8908	19
Pearson 5 (3P)	0.02439	3	0.18299	4	5.5694	15
Pearson 6 (4P)	0.02481	4	0.18138	3	5.8935	20
Johnson SB	No fit					

Table 5.7 Critical values for different significance levels of best fitting distribution for 0-400 veh/hr. flow- Marine Drive Road Section

Goodness of Fit - Details					
Johnson SU [#30]					
Kolmogorov-Smirnov					
Sample Size	336				
Statistic	0.0235				
P-Value	0.99041				
Rank	1				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.05854	0.06672	0.07408	0.08281	0.08887
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	336				
Statistic	0.16998				
Rank	1				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom	8				
Statistic	5.4671				
P-Value	0.70669				
Rank	12				
□	0.2	0.1	0.05	0.02	0.01

Critical Value	11.03	13.362	15.507	18.168	20.09
Reject?	No	No	No	No	No

The "Johnson SU" and “Gen extreme value" distributions seem to consistently perform well across multiple tests. In conclusion, the analysis of the provided data, along with the results from the goodness-of-fit tests at various significance levels, consistently indicates a good fit of the tested distributions to the data.

These results suggest that the tested distributions provide reasonable fits to the data, indicating their suitability for modeling the underlying distribution of the dataset.

IV. AB-042 Road Section

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of A-42 road section belong to 0-400 veh/hr. flow range using easyfit software for goodness of fit tests are tabulated in table 5.8

Table 5.8 Goodness of Fit test statistics-0-400 veh/hr. -AB -042 Road Section

Distribution	**Kolmogorov Smirnov**		**Anderson Darling**		**Chi-Squared**	
	Statistic	**Rank**	**Statistic**	**Rank**	**Statistic**	**Rank**
Dagum	0.02746	6	0.84584	16	7.0299	**1**
Dagum (4P)	0.02744	**5**	0.8465	17	7.3266	**2**
Fatigue Life (3P)	0.02832	10	0.55543	**5**	9.9816	13
Gamma	0.02531	**2**	0.56131	7	8.7945	6
Gen. Extreme Value	0.02452	**1**	0.49521	**1**	7.4813	**3**
Log-Logistic (3P)	0.02826	9	0.84187	15	8.5137	**5**
Lognormal (3P)	0.02777	8	0.55242	**4**	9.2616	9
Pearson 5 (3P)	0.0273	**4**	0.5519	**3**	9.6043	11
Pearson 6	0.02636	**3**	0.56625	8	8.9779	7
Pearson 6 (4P)	0.02752	7	0.55189	**2**	9.2481	8
Johnson SU	No fit					

Table 5.9 Critical values for different significance levels of best fitting distribution for 0-400 veh/hr. flow- A AB Road Section

Goodness of Fit - Details					
Gen. Extreme Value [#21]					
Kolmogorov-Smirnov					
Sample Size	644				
Statistic	0.02452				
P-Value	0.82416				
Rank	1				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	0.04228	0.04819	0.05351	0.05982	0.06419
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	644				
Statistic	0.49521				
Rank	1				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom	9				
Statistic	7.4813				
P-Value	0.58714				
Rank	3				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

Different tests yield slightly different rankings, but there is some consistency. The "Gen. Extreme Value," "Gamma," "Dagum," and "Dagum (4P)" distribution models generally perform well across tests. For all three tests (KS, AD, Chi-Squared), the p-values are relatively high.

All conducted tests lack substantial evidence to warrant the rejection of the null hypothesis, suggesting that the data does not exhibit significant deviation from the tested distributions according to these analyses.

d. Goodness of Fit Tests Results Summary of data set below 400 veh/hr.

The tabulation in Table 5.10 provides a summary of the goodness-of-fit test statistics for the time headway dataset. These statistics were obtained through the analysis of time headway data using EasyFit software, encompassing goodness of fit tests within the flow range of 0-400 vehicles per hour.

Table 5.10 Goodness of Fit test Results Summary-0-400 veh/hr.

Flow range (Veh/hr.)	Road Section	Goodness of Fit Test					
		Kolmogorov Smirnov		Anderson Darling		Chi-Squared	
		Distribution	Statistic	Distribution	Statistic	Distribution	Statistic
0-400	A4 Road	Gen. Extreme Value	0.02035	Gen. Extreme Value	0.24051	Pearson 5 (3P)	3.5418
	A1 Road	Gen. Extreme Value	0.0153	Gen. Extreme Value	0.19953	Nakagami	3.2491
	Marine Drive Road	Johnson SU	0.0235	Johnson SU	0.16998	Gen. Gamma (4P)	3.0221
	AB-042 Road	Gen. Extreme Value	0.02452	Gen. Extreme Value	0.49521	Dagum	7.0299

Following an extensive examination of goodness-of-fit tests performed on the available dataset, it is evident that the "General Extreme Value" distribution consistently emerges as a strong and versatile candidate for describing traffic flow behavior in this particular flow range. This distribution exhibits robust performance across different aspects of distribution fitting, as evidenced by low Kolmogorov-Smirnov and Anderson Darling test statistics, as well as high p-values in the Chi-Squared test. Furthermore, it is worth noting that in some cases, alternative distributions such as the "Nakagami" distribution also display good performance. These findings suggest that the "General Extreme Value" distribution, along with a potential consideration of the "Nakagami" distribution, can be employed as suitable PDFs for modeling traffic flow rates less than 400 veh/hr.

5.2.2. Analysis of Vehicular Flow Rate Between 400 veh/hr. to 1200 veh/hr.

Time headway data sets in appendix-2 which belong to traffic flow range 400-1200 veh/hr., which illustrate medium traffic scenario was analyzed for the purpose of developing probability density functions and identify best fit empirical distributions for each road section.

a. Descriptive statistics of data set between 400 to 1200 veh/hr.

Table 5.11 showcases the descriptive statistics of the time headway dataset within the flow range of 400-1200 vehicles per hour for each road section. The corresponding dataset details are provided in Appendix-02.

Table 5.11 Descriptive Statistics 400-1200 veh/hr. Flow

Statistic	Road Section			
	A04 Road	**A01 Road**	**Marine Drive Road**	**AB-042 Road**
Sample Size	2006	2047	3579	2926
Range	15.12	16.77	13.95	15.1
Mean	4.027	3.4954	3.2456	3.3474
Variance	4.6609	4.4795	3.3162	3.7631
Std. Deviation	2.1589	2.1165	1.8211	1.9399
Coef. of Variation	0.53611	0.6055	0.56108	0.57951
Std. Error	0.0482	0.04678	0.03044	0.03586
Skewness	0.95953	1.4076	1.1013	1.2344
Excess Kurtosis	1.2223	3.2688	1.8388	2.4018
Percentile				
Min	0.29	0.16	0.13	0.15
5%	1.22	0.96	0.91	0.94
10%	1.59	1.26	1.22	1.21
25% (Q1)	2.37	1.98	1.91	1.95
50% (Median)	3.695	3.07	2.92	2.99
75% (Q3)	5.21	4.57	4.22	4.35
90%	6.81	6.162	5.7	5.863
95%	8.243	7.544	6.63	6.9865
Max	15.41	16.93	14.08	15.25

The descriptive statistics reveal that, within the flow range of 400-1200 veh/hr., the time headway data show moderate variability across the road sections. While the meantime headway remains relatively consistent, there are slight variations in dispersion measures such as variance and standard deviation. The positive skewness and higher kurtosis values in some sections indicate the presence of outliers or extreme values.

b. Probability Density Functions and Cumulative Density Function of data set between 400 to 1200 veh/hr.

I. A 04 Road Section

Probability density function and cumulative distribution function for time headway data cluster classified as flow range between 400-1200 veh/hr. for A-04 road section are shown in figure 5.9 and 5.10 respectively.

Figure 5. 9 Probability Density Function-400-1200 veh/hr-A04 Road

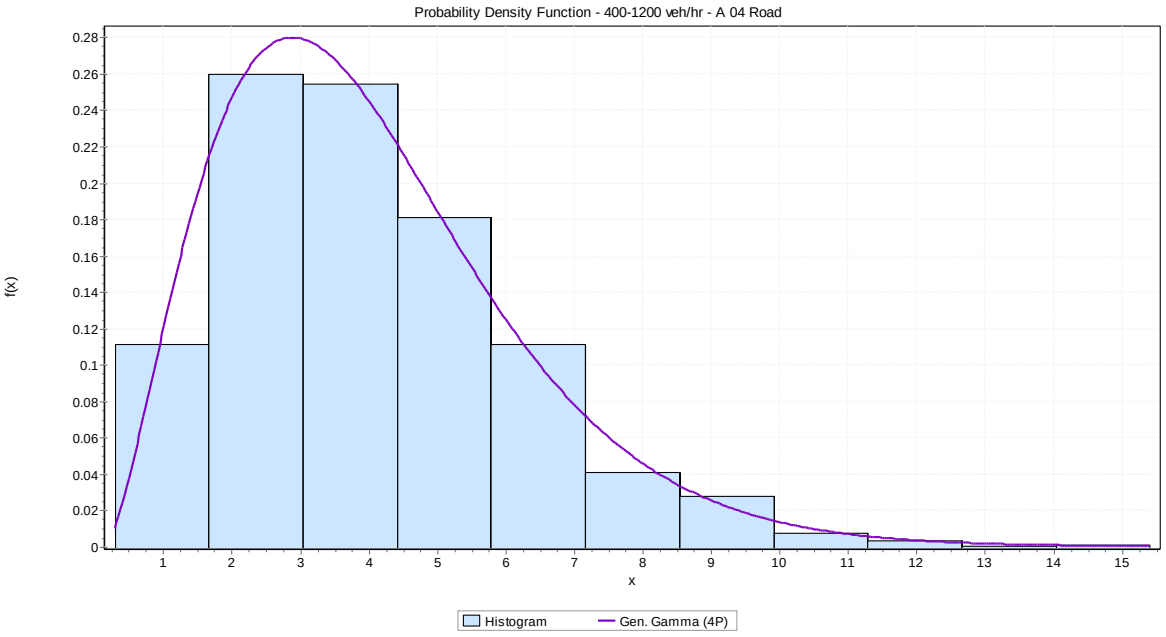
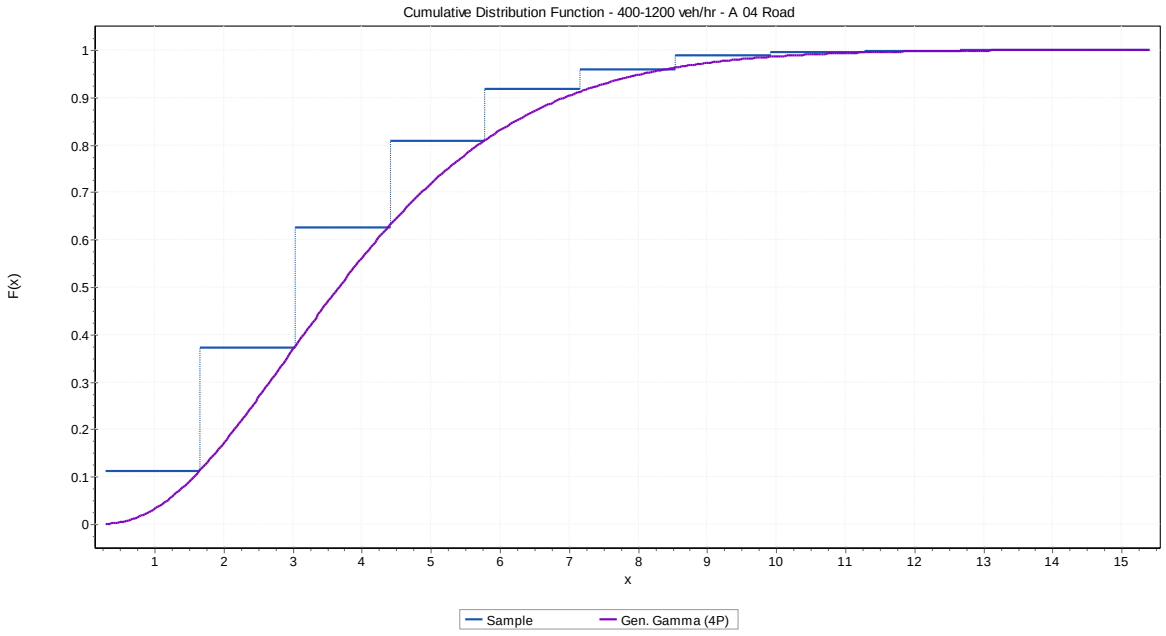


Figure 5. 10 Cumulative Density Function-400-1200 veh/hr-A04 Road



II. A 01 Road Section

Probability density function and cumulative distribution function for time headway data cluster classified as flow range between 400-1200 veh/hr. for A-01 road section are shown in figure 5.11 and 5.12 respectively

Figure 5. 11 Probability Density Function-400-1200 veh/hr-A01 Road

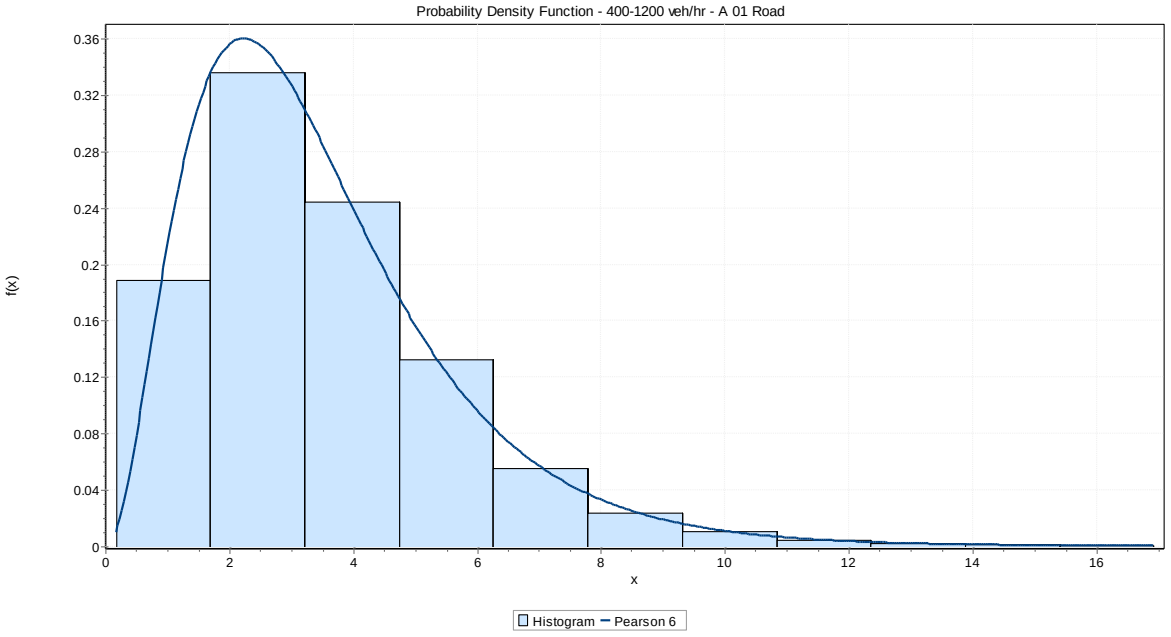
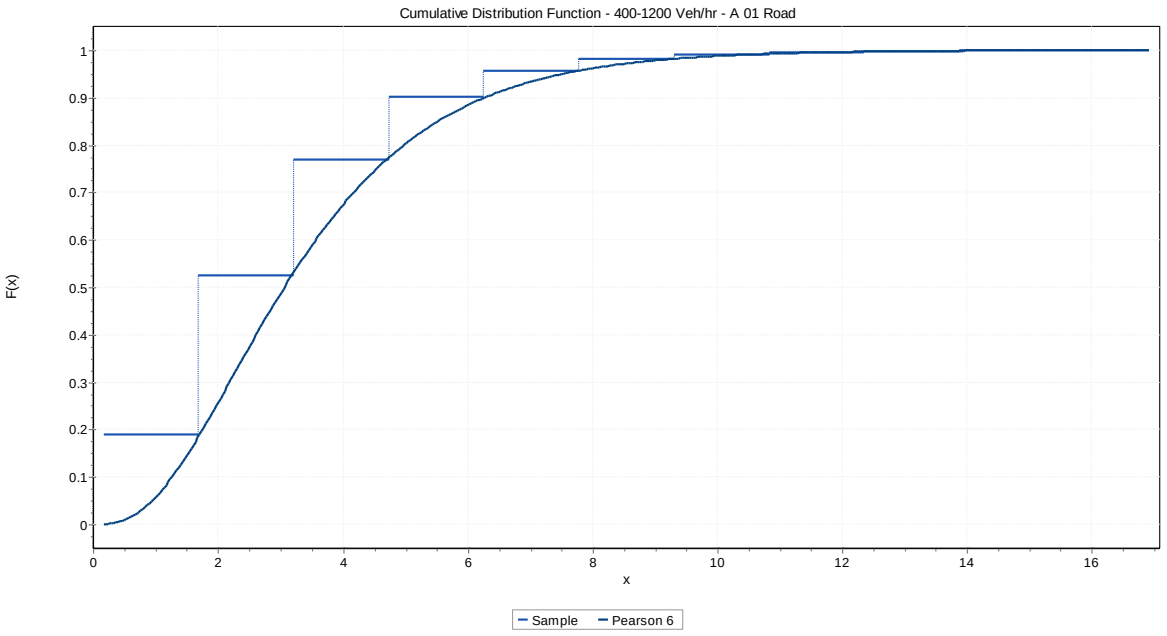


Figure 5. 12 Cumulative Distribution Function-400-1200 veh/hr-A01 Road



III. Marine Drive Road Section

Probability density function and cumulative distribution function for time headway data cluster classified as flow range between 400-1200 veh/hr. for marine drive road section are shown in figure 5.13 and 5.14 respectively.

Figure 5. 13 Probability Density Function-400-1200 veh/hr.-Marine Dr Road

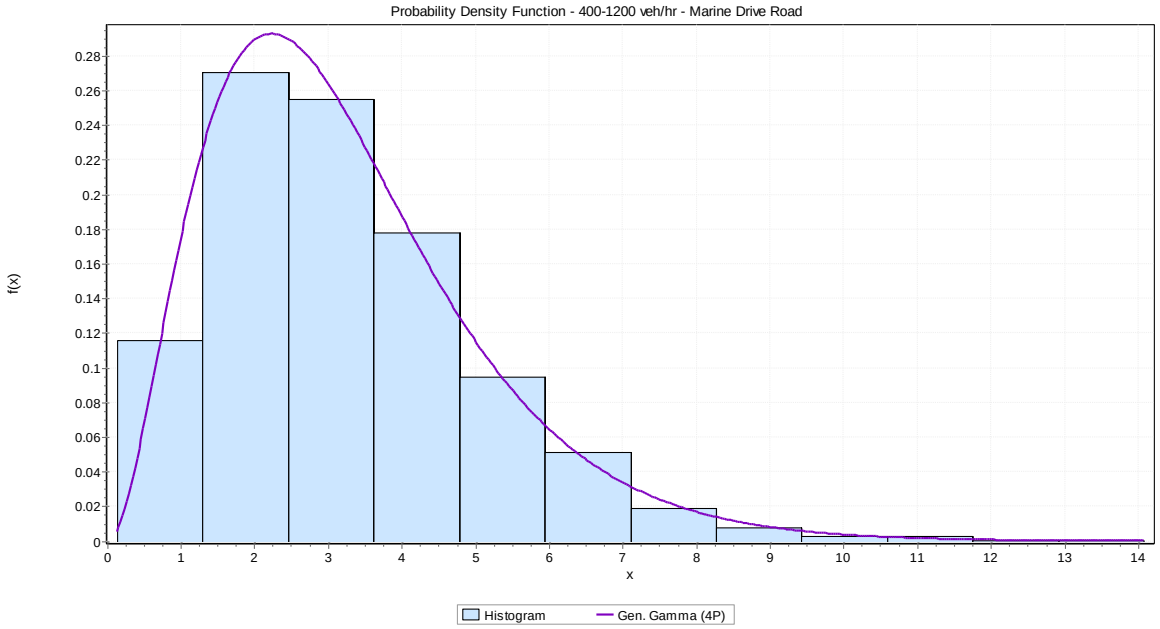
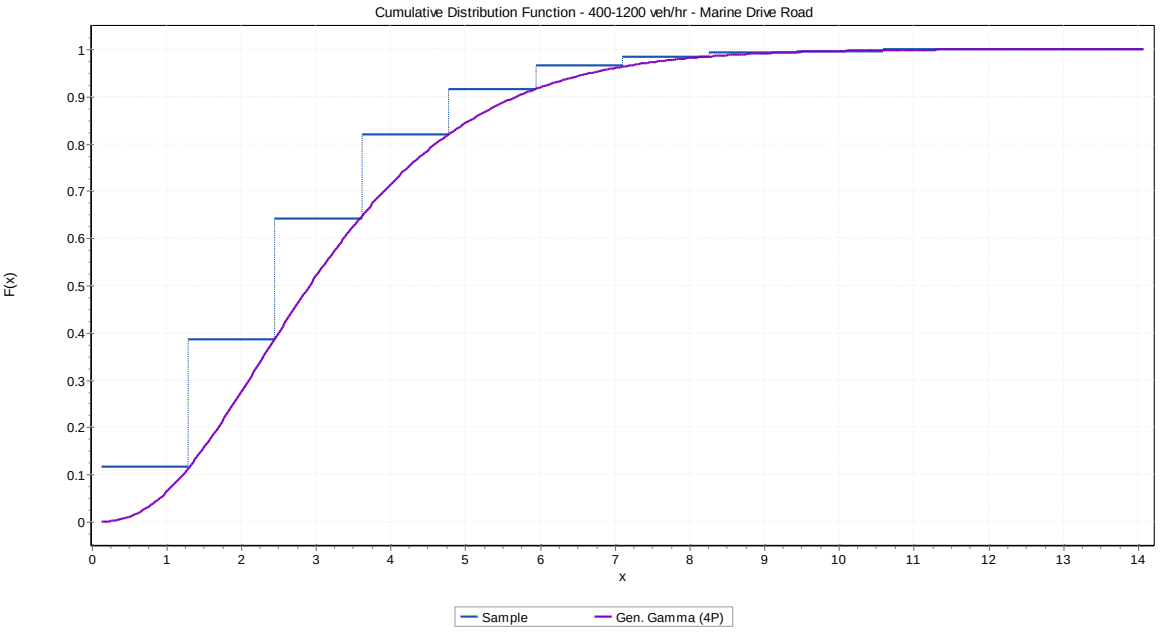


Figure 5. 14 Cumulative Distribution Function-400-1200 veh/hr.-Marine Dr Road



IV. AB-042 Road

Probability density function and cumulative distribution function for time headway data cluster classified as flow range between 400-1200 veh/hr. for AB-042 road section are shown in figure 5.15 and 5.16 respectively

Figure 5. 15 Probability Density Function-400-1200 veh/hr-AB-042 Road

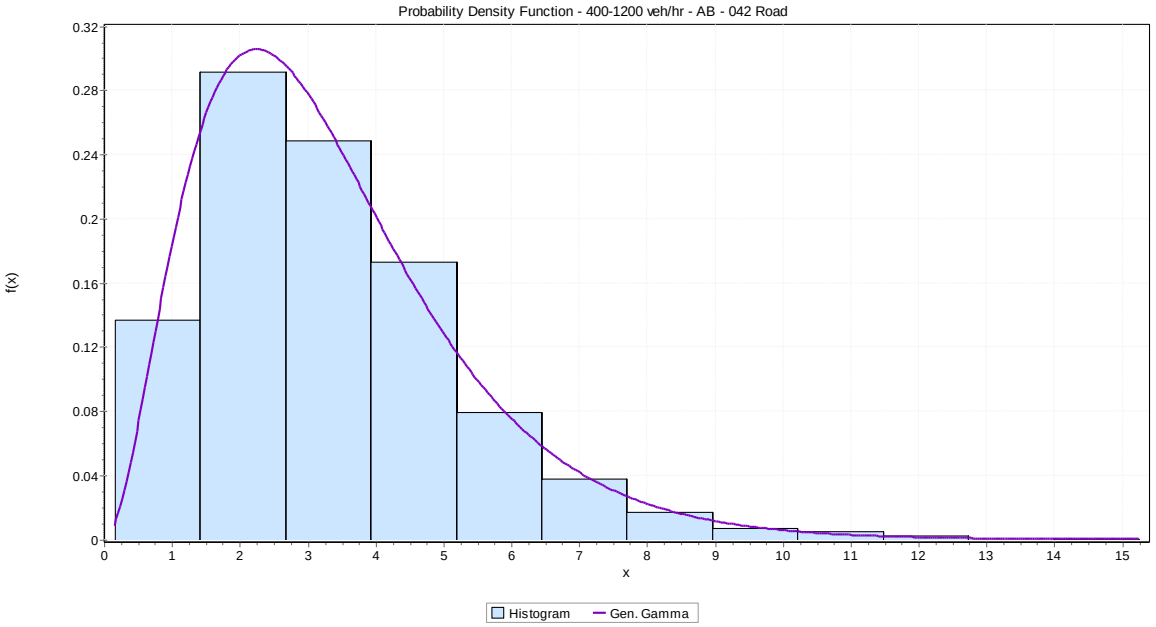
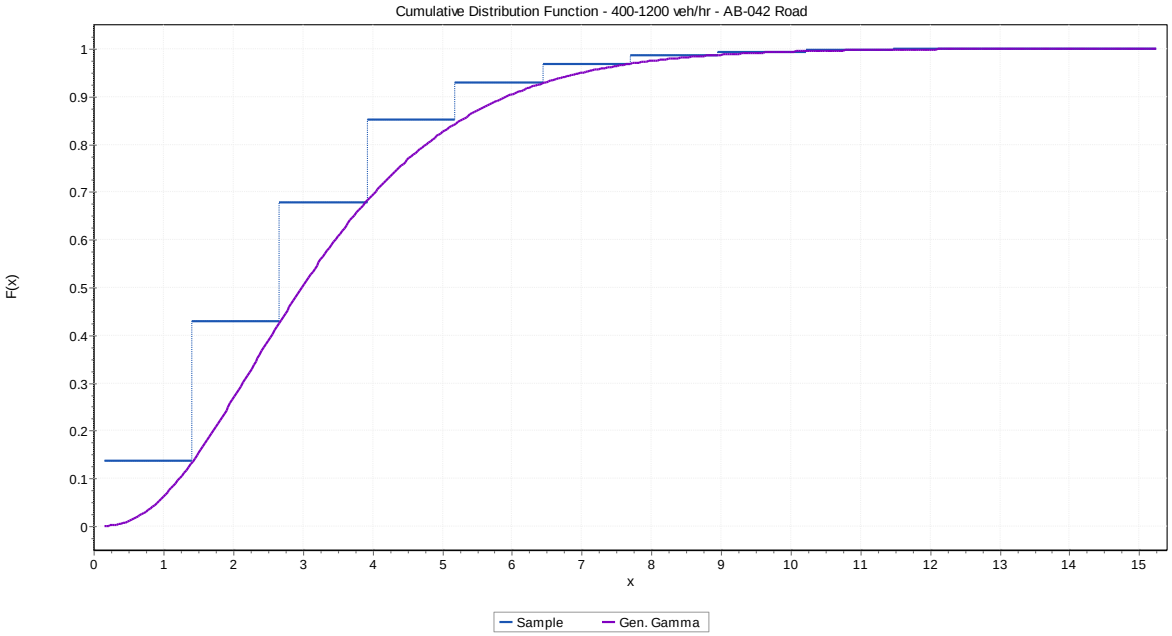


Figure 5. 16 Cumulative Distribution Function-400-1200 veh/hr-AB-042 Road



c. Goodness of Fit Statistics of data set between 400 to 1200 veh/hr.

I. A 04 Road Section

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of A-04 road section belong to 400-1200 veh/hr. flow range using easyfit software for goodness of fit tests are tabulated in table 5.12

Table 5.12 Goodness of Fit test statistics-400-1200 veh/hr. -A 04 Road Section

Distribution	Kolmogorov Smirnov		Anderson Darling		Chi-Squared	
	Statistic	Rank	Statistic	Rank	Statistic	Rank
Beta	0.01282	2	0.33265	2	8.733	3
Burr (4P)	0.01522	4	0.43901	4	14.476	8
Gamma	0.01755	9	0.73683	10	16.567	10
Gamma (3P)	0.01646	5	0.52378	6	11.447	4
Gen. Gamma	0.01769	10	0.59374	9	12.398	5
Gen. Gamma (4P)	0.01281	1	0.32646	1	7.4522	2
Johnson SB	0.01708	7	0.50994	5	14.233	7
Log-Pearson 3	0.01387	3	0.34815	3	7.2146	1
Pearson 6	0.01718	8	0.56243	7	12.476	6
Pearson 6 (4P)	0.01656	6	0.57741	8	15.588	9
Johnson SU	No fit					
Log-Gamma	No fit					

Table 5.13 Critical values for different significance levels of best fitting distribution for 400-1200 veh/hr. flow- A 04 Road Section

Goodness of Fit - Details					
Gen. Gamma (4P) [#23]					
Kolmogorov-Smirnov					
Sample Size	2006				
Statistic	0.01281				
P-Value	0.89281				
Rank	1				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	0.02396	0.02731	0.03032	0.03389	0.03637
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	2006				
Statistic	0.32646				
Rank	1				
a	0.2	0.1	0.05	0.02	0.01

Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom	10				
Statistic	7.4522				
P-Value	0.68217				
Rank	2				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	13.442	15.987	18.307	21.161	23.209
Reject?	No	No	No	No	No

II. A 01 Road Section

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of A-01 road section belong to 400-1200 veh/hr. flow range using easyfit software for goodness of fit tests are tabulated in table 5.14

Table 5.14 Goodness of Fit test statistics-400-1200 veh/hr. -A 01 Road Section

Distribution	**Kolmogorov Smirnov**		**Anderson Darling**		**Chi-Squared**	
	Statistic	**Rank**	**Statistic**	**Rank**	**Statistic**	**Rank**
Beta	0.01596	9	0.50316	10	8.2922	**2**
Burr	0.01366	6	0.67594	12	14.121	16
Burr (4P)	0.01286	**4**	0.38396	7	10.013	**5**
Fatigue Life (3P)	0.01542	8	0.42641	8	12.501	11
Gamma (3P)	0.01441	7	0.34112	**4**	8.5076	**3**
Gen. Gamma (4P)	0.01235	**2**	0.25283	**3**	7.8573	**1**
Johnson SB	0.01603	10	0.37975	6	13.043	12
Log-Pearson 3	0.01354	**5**	0.35562	**5**	10.557	9
Pearson 6	0.01233	**1**	0.23963	**1**	10.492	8
Pearson 6 (4P)	0.01241	**3**	0.23997	**2**	10.492	7
Johnson SU	No fit					
Log-Gamma	No fit					

Table 5.15 Critical values for different significance levels of best fitting distribution for 400-1200 veh/hr. flow- A 01 Road Section

Goodness of Fit - Details					
Gen. Gamma (4P) [#23]					
Kolmogorov-Smirnov					
Sample Size	2006				
Statistic	0.01281				
P-Value	0.89281				
Rank	1				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	0.02396	0.02731	0.03032	0.03389	0.03637
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	2006				
Statistic	0.32646				
Rank	1				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom	10				
Statistic	7.4522				
P-Value	0.68217				
Rank	2				
a	0.2	0.1	0.05	0.02	0.01
Critical Value	13.442	15.987	18.307	21.161	23.209
Reject?	No	No	No	No	No

III. Marine Drive Road Section

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of Marine drive road section belong to 400-1200 veh/hr. flow range using easyfit software for goodness of fit tests are tabulated in table 5.16

Table 5.16 Goodness of Fit test statistics-400-1200 veh/hr. Marine Drive Road Section

Distribution	**Kolmogorov Smirnov**		**Anderson Darling**		**Chi-Squared**	
	Statistic	**Rank**	**Statistic**	**Rank**	**Statistic**	**Rank**
Beta	0.0098	**3**	0.18408	**2**	7.1343	**1**
Burr	0.01378	10	0.90651	10	17.693	14
Burr (4P)	0.01118	9	0.47817	9	14.77	10

Gamma	0.00961	**2**	0.27635	6	7.533	**2**
Gamma (3P)	0.01012	**4**	0.22716	**3**	8.0683	**3**
Gen. Gamma	0.01094	7	0.2643	**5**	8.9703	7
Gen. Gamma (4P)	0.00935	**1**	0.17348	**1**	8.7294	**4**
Johnson SB	0.01068	**5**	0.46092	8	11.296	9
Log-Pearson 3	0.01113	8	0.34101	7	9.1025	8
Pearson 6	0.01092	6	0.25522	**4**	8.7364	**5**
Johnson SU	No fit					
Log-Gamma	No fit					

Table 5.17 Critical values for different significance levels of best fitting distribution for 400-1200 veh/hr. flow- Marine Drive Road Section

Goodness of Fit - Details					
Gen. Gamma (4P) [#23]					
Kolmogorov-Smirnov					
Sample Size	3579				
Statistic	0.00935				
P-Value	0.90983				
Rank	1				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.01794	0.02044	0.0227	0.02537	0.02723
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	3579				
Statistic	0.17348				
Rank	1				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom	11				
Statistic	8.7294				
P-Value	0.64685				
Rank	4				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	14.631	17.275	19.675	22.618	24.725
Reject?	No	No	No	No	No

IV. AB-042 Road

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of AB-42 road section belong to 400-1200 veh/hr. flow range using easyfit software for goodness of fit tests are tabulated in table 5.18.

Table 5.18 Goodness of Fit test statistics-400-1200 veh/hr. AB-042 Road Section

Distribution	Kolmogorov Smirnov		Anderson Darling		Chi-Squared	
	Statistic	Rank	Statistic	Rank	Statistic	Rank
Beta	0.01094	2	0.40031	5	20.246	14
Burr	0.01428	10	0.75487	11	11.716	1
Burr (4P)	0.0118	6	0.35809	2	14.155	3
Gamma	0.01112	4	0.41109	8	15.574	5
Gamma (3P)	0.01107	3	0.37824	3	16.881	9
Gen. Gamma	0.01032	1	0.3443	1	13.774	2
Gen. Gamma (4P)	0.01155	5	0.39271	4	18.52	12
Log-Pearson 3	0.01294	9	0.5111	9	17.127	10
Pearson 6	0.01253	8	0.40232	6	15.641	6
Pearson 6 (4P)	0.01219	7	0.40516	7	19.605	13
Johnson SU	No fit					
Log-Gamma	No fit					

Table 5.19 Critical values for different significance levels of best fitting distribution for 400-1200 veh/hr. flow- A 04 Road Section

Goodness of Fit - Details					
Gen. Gamma [#22]					
Kolmogorov-Smirnov					
Sample Size	2926				
Statistic	0.01032				
P-Value	0.91085				
Rank	1				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.01984	0.02261	0.02511	0.02806	0.03012
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	2926				
Statistic	0.3443				
Rank	1				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom	11				
Statistic	13.774				
P-Value	0.24577				
Rank	2				
□	0.2	0.1	0.05	0.02	0.01

Critical Value	14.631	17.275	19.675	22.618	24.725
Reject?	No	No	No	No	No

d. Goodness of Fit Tests Results Summary of data set between 400 to 1200 veh/hr.

The tabulation in Table 5.20 provides a summary of the goodness-of-fit test statistics for the time headway dataset. These statistics were obtained through the analysis of time headway data using EasyFit software, encompassing goodness of fit tests within the flow range of 400-1200 vehicles per hour.

Table 5.20 Goodness of Fit test Results Summary-400-1200 veh/hr.

Flow range (Veh/hr.)	**Road Section**	**Goodness of Fit Test**					
		Kolmogorov Smirnov		**Anderson Darling**		**Chi-Squared**	
		Distribution	**Statistic**	**Distribution**	**Statistic**	**Distribution**	**Statistic**
400-1200	**A4 Road**	Gen. Gamma (4P)	0.01281	Gen. Gamma (4P)	0.32646	Log-Pearson 3	7.2146
	A1 Road	Pearson 6	0.01233	Pearson 6	0.23963	Gen. Gamma (4P)	7.8573
	Marine Drive Road	Gen. Gamma (4P)	0.00935	Gen. Gamma (4P)	0.17348	Beta	7.1343
	AB-042 Road	Gen. Gamma	0.01032	Gen. Gamma	0.3443	Burr	11.716

Following an extensive examination of goodness-of-fit tests performed on the available dataset on road sections, it was observed that the Gen. Gamma (4P) distribution consistently exhibited favorable goodness of fit statistics within this flow range. This distribution consistently demonstrated low Kolmogorov-Smirnov and Anderson-Darling statistics, along with Chi-Squared statistics that fell within acceptable limits, indicating a robust fit to the data. Therefore, the Gen. Gamma (4P) distribution emerges as the most suitable choice for modeling traffic flow within the specified vehicular flow range of 400 to 1200 veh/hr. This finding suggests that the Gen. Gamma (4P) distribution can be employed effectively for traffic modeling applications, providing valuable insights and predictive capabilities for road traffic management and planning in similar flow rate conditions.

5.2.3. Analysis of Vehicular Flow Greater than 1200 veh/hr.

Table 5.21 presents the descriptive statistics of the time headway dataset, classified under the flow greater than 1200 vehicles per hour, for each respective road section. These statistics are tabulated in Appendix-03.

a. Descriptive statistics of data set greater than 1200 veh/hr.

Descriptive statistics of time headway data set tabulated in appendix-03 belong to flow range greater than 1200 veh/hr. for each road section are tabulated in table 5.21.

Table 5.21 Descriptive Statistics > 1200 veh/hr. Flow

Statistic	Road Section			
	A04 Road	**A01 Road**	**Marine Drive Road**	**AB-042 Road**
Sample Size	3144	2755	2852	2292
Range	11.05	10.04	11.4	9.47
Mean	2.2655	2.2622	2.1851	2.3309
Variance	2.2673	2.3561	2.3342	2.3511
Std. Deviation	1.5058	1.535	1.5278	1.5333
Coef. of Variation	0.66464	0.67851	0.69918	0.65785
Std. Error	0.02685	0.02924	0.02861	0.03203
Skewness	1.2622	1.2725	1.3718	1.2357
Excess Kurtosis	2.1967	2.1105	2.576	1.9419
Percentile				
Min	0.04	0.01	0.02	0.03
5%	0.46	0.44	0.3665	0.47
10%	0.66	0.63	0.58	0.683
25% (Q1)	1.16	1.11	1.09	1.19
50% (Median)	1.925	1.94	1.86	2.01
75% (Q3)	3.04	3.05	2.89	3.08
90%	4.345	4.28	4.21	4.42
95%	5.0675	5.182	5.23	5.267
Max	11.09	10.05	11.42	9.5

In the flow range greater than 1200 veh/hr., the time headway data exhibit moderate variability across the road sections. The mean time headway remains relatively consistent, suggesting that vehicles tend to maintain a similar time gap between each other under these high-flow conditions. The presence of positive skewness and higher kurtosis values indicates potential outliers or extreme values in the datasets.

b. Probability Density Functions and Cumulative Density Function of data set greater than 1200 veh/hr.

Probability density function and cumulative distribution function for time headway data cluster classified as flow range greater than 1200 veh/hr. for A-04 road section are shown in figure 5.17 and 5.18 respectively.

I. A 04 Road Section

Figure 5. 17 Probability Density Function >1200 veh/hr-A04 Road

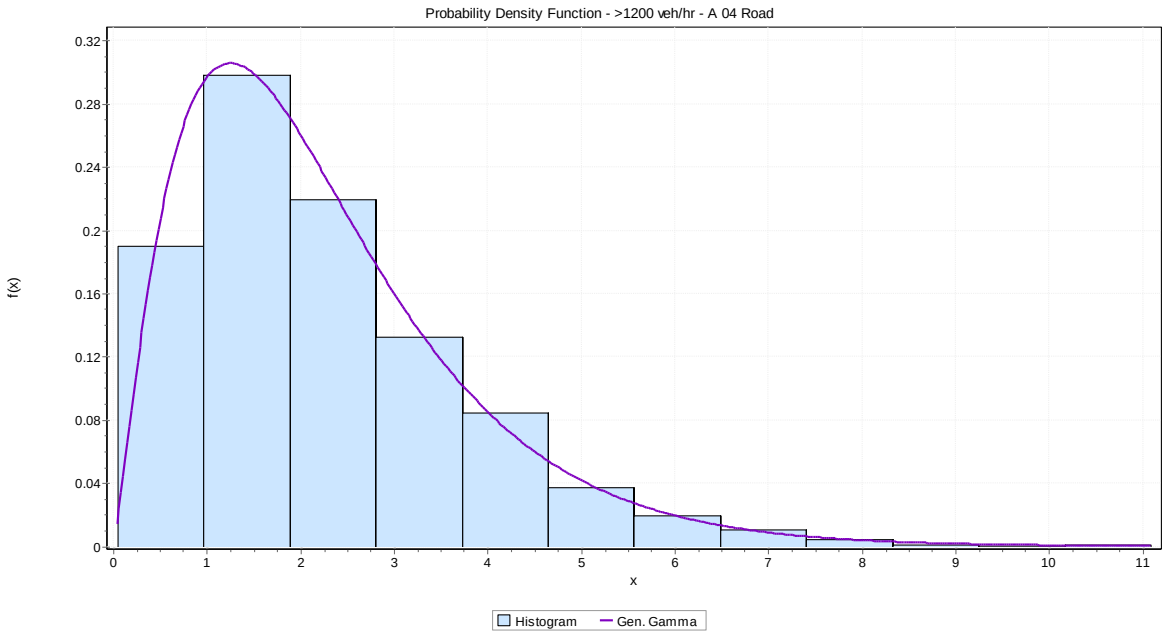
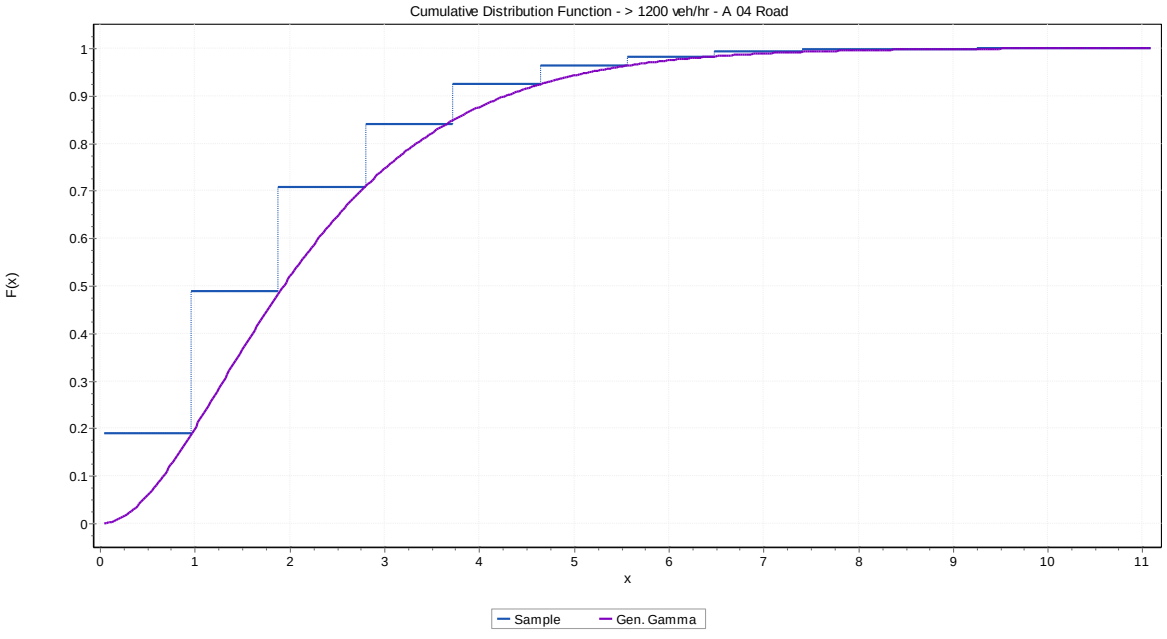


Figure 5. 18 Cumulative Distribution Function- >1200 veh/hr-A-04 Road



II. A 01 Road Section

Probability density function and cumulative distribution function for time headway data cluster classified as flow range greater than 1200 veh/hr. for A-01 road section are shown in figure 5.19 and 5.20 respectively

Figure 5. 19 Probability Density Function- >1200 veh/hr-A01 Road

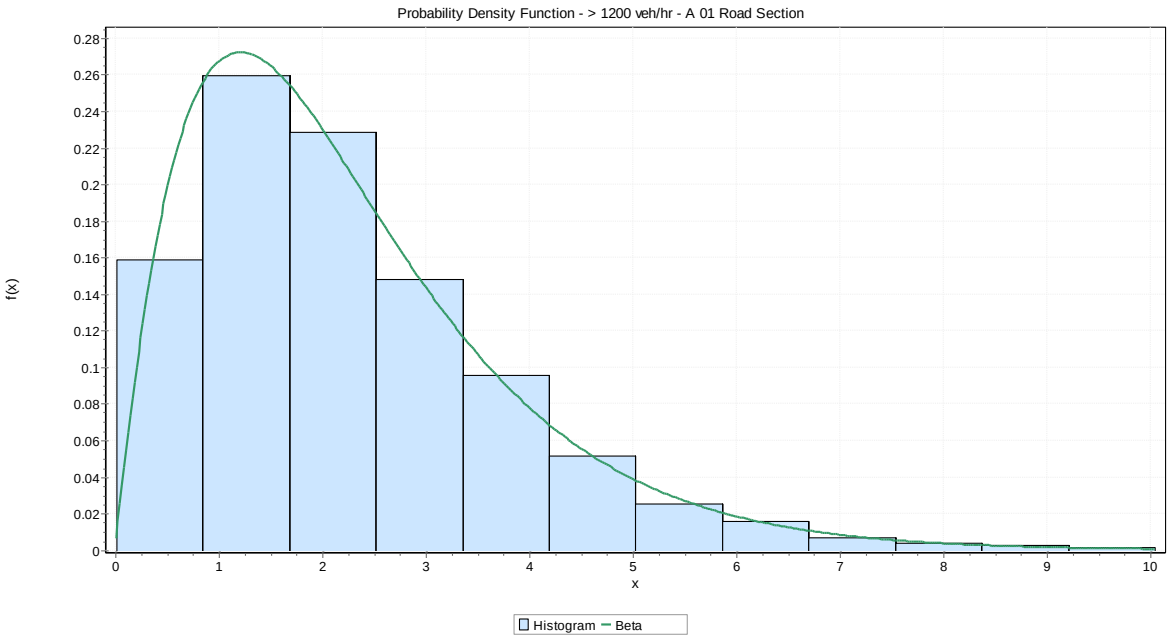
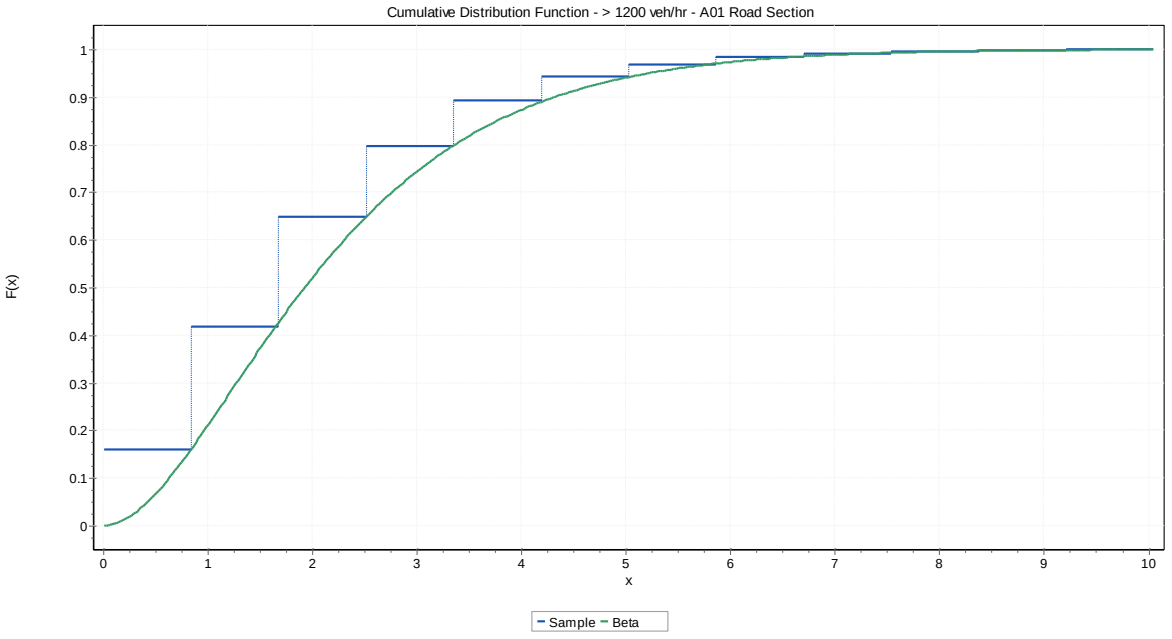


Figure 5. 20 Cumulative Distribution Function- >1200 veh/hr.-A 01 Road



III. Marine Drive Road Section

Probability density function and cumulative distribution function for time headway data cluster classified as flow range greater than 1200 veh/hr. for Marine drive road section are shown in figure 5.21 and 5.22 respectively

Figure 5. 21 Probability Density Function- >1200 veh/hr.-Marine Dr Road

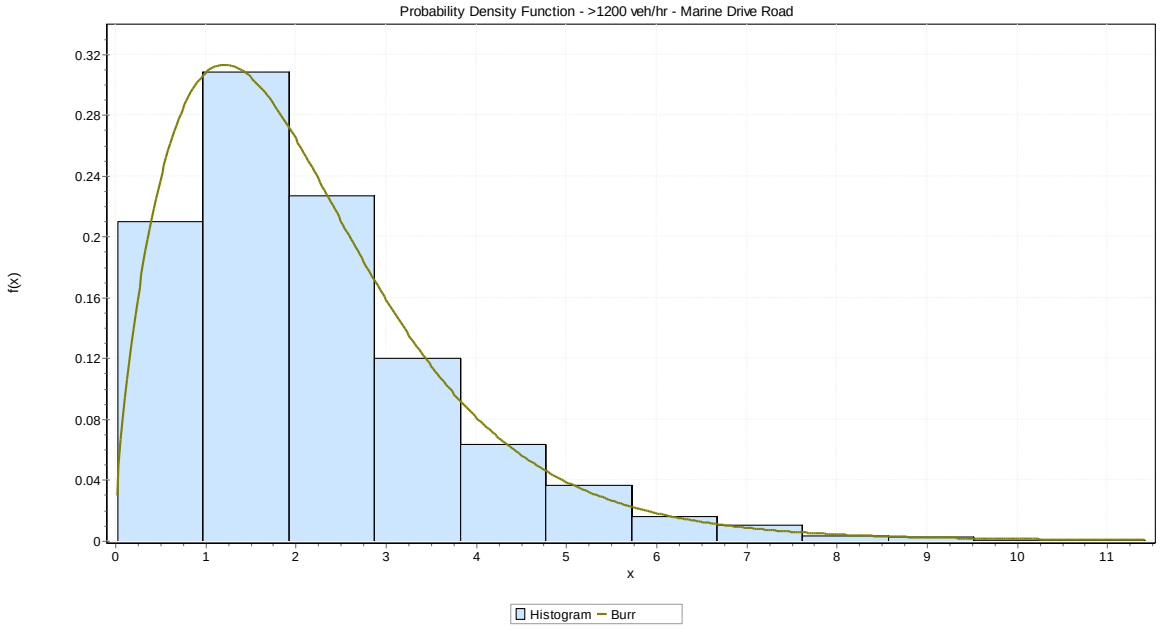
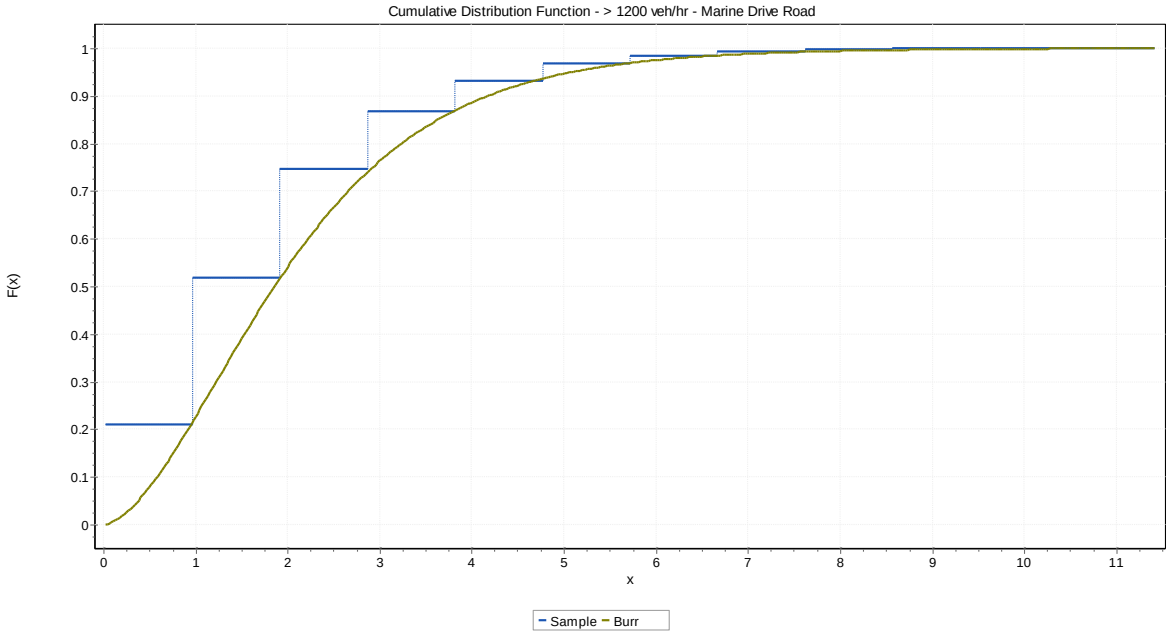


Figure 5. 22 Cumulative Distribution Function- >1200 veh/hr.-Marine Dr Road



IV. AB-042 Road

Probability density function and cumulative distribution function for time headway data cluster classified as flow range greater than 1200 veh/hr. for AB-42 road section are shown in figure 5.23 and 5.24 respectively

Figure 5. 23 Probability Density Function->1200 veh/hr-AB-042 Road

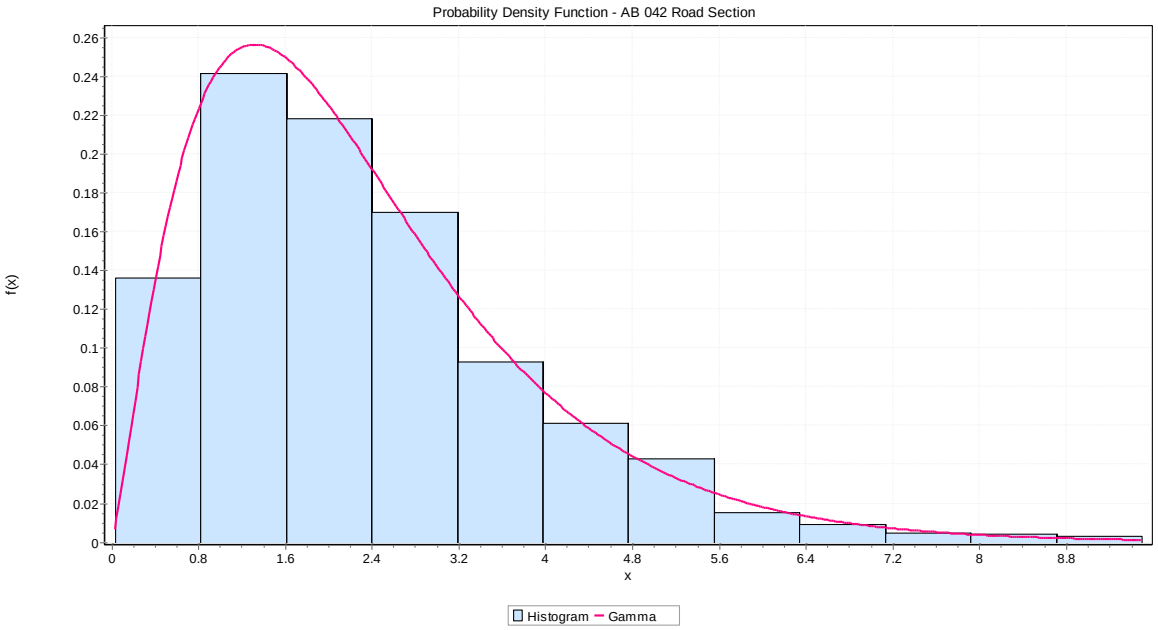
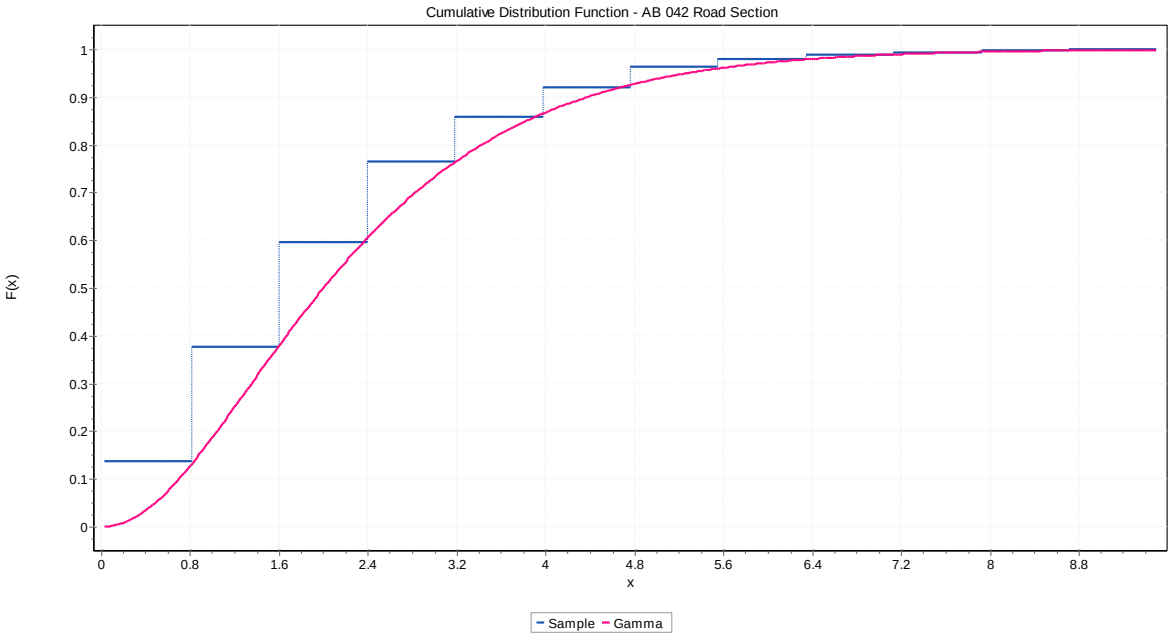


Figure 5. 24 Cumulative Distribution Function- >1200 veh/hr-AB-042 Road



c. Goodness of Fit Statistics greater than 1200 veh/hr.

I. A 04 Road Section

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of A-04 road section belong to flow range greater than 1200 veh/hr. using easyfit software for goodness of fit tests are summarized in table 5.22.

Table 5.22 Goodness of Fit test statistics >1200 veh/hr. A-04 Road Section

Distribution	Kolmogorov Smirnov		Anderson Darling		Chi-Squared	
	Statistic	Rank	Statistic	Rank	Statistic	Rank
Beta	0.01426	8	0.40273	5	9.5714	4
Burr	0.01788	10	1.2118	12	20.273	12
Fatigue Life (3P)	0.01663	9	1.092	11	14.148	10
Gamma	0.01281	5	0.42353	7	10.234	6
Gamma (3P)	0.01268	4	0.37451	3	9.6574	5
Gen. Gamma	0.01223	1	0.36562	1	11.215	7
Gen. Gamma (4P)	0.01396	7	0.40655	6	9.5671	3
Johnson SB	0.01295	6	0.66535	8	8.2225	1
Pearson 6	0.01233	2	0.37003	2	11.216	8
Pearson 6 (4P)	0.01252	3	0.38866	4	9.5311	2
Johnson SU	No fit					
Log-Gamma	No fit					

Table 5.23 Critical values for different significance levels of best fitting distribution for 400-1200 veh/hr. flow- A 04 Road Section

Goodness of Fit - Details					
Gen. Gamma [#22]					
Kolmogorov-Smirnov					
Sample Size	3144				
Statistic	0.01223				
P-Value	0.72997				
Rank	1				
α	0.2	0.1	0.05	0.02	0.01
Critical Value	0.01914	0.02181	0.02422	0.02707	0.02905
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	3144				
Statistic	0.36562				
Rank	1				

□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					11
Statistic					11.215
P-Value					0.4254
Rank					7
□	0.2	0.1	0.05	0.02	0.01
Critical Value	14.631	17.275	19.675	22.618	24.725
Reject?	No	No	No	No	No

II. A 01 Road Section

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of A-01 road section belong to flow range greater than 1200 veh/hr. using easyfit software for goodness of fit tests are summarized in table 5.24.

Table 5.24 Goodness of Fit test statistics >1200 veh/hr. A-01 Road Section

Distribution	**Kolmogorov Smirnov**		**Anderson Darling**		**Chi-Squared**	
	Statistic	**Rank**	**Statistic**	**Rank**	**Statistic**	**Rank**
Beta	0.01104	**1**	0.21383	**1**	8.863	**4**
Burr (4P)	0.01434	9	0.51611	9	10.478	9
Gamma	0.01376	7	0.35227	7	10.513	10
Gamma (3P)	0.01228	**4**	0.25014	**3**	9.2961	**5**
Gen. Gamma	0.01342	6	0.27869	6	9.5321	8
Gen. Gamma (4P)	0.01138	**2**	0.22022	**2**	8.4807	**1**
Johnson SB	0.01446	10	0.4719	8	11.705	11
Log-Pearson 3	0.01389	8	0.68692	11	8.6866	**2**
Pearson 6	0.01317	**5**	0.26555	**5**	9.5317	7
Pearson 6 (4P)	0.01227	**3**	0.25105	**4**	9.3154	6
Johnson SU	No fit					
Log-Gamma	No fit					

Table 5.25 Critical values for different significance levels of best fitting distribution for 400-1200 veh/hr. flow- A 04 Road Section

Goodness of Fit - Details					
Beta [#1]					
Kolmogorov-Smirnov					
Sample Size					2755
Statistic					0.01104
P-Value					0.88617
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.02044	0.0233	0.02587	0.02892	0.03104
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					2755
Statistic					0.21383
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					11
Statistic					8.863
P-Value					0.63454
Rank					4
□	0.2	0.1	0.05	0.02	0.01
Critical Value	14.631	17.275	19.675	22.618	24.725
Reject?	No	No	No	No	No

III. Marine Drive Road Section

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of Marine drive road section belong to flow range greater than 1200 veh/hr. using easyfit software for Kolmogorov Smirnov, Anderson Darling and Chi-Squared test are summarized in table 5.26.

Table 5.26 Goodness of Fit test statistics >1200 veh/hr. Marine Drive Road Section

Distribution	**Kolmogorov Smirnov**		**Anderson Darling**		**Chi-Squared**	
	Statistic	**Rank**	**Statistic**	**Rank**	**Statistic**	**Rank**
Beta	0.01413	7	0.57378	10	12.772	8

Burr	0.01042	**1**	0.31845	**1**	12.409	7
Burr (4P)	0.01083	**2**	0.32735	**2**	12.358	6
Gamma	0.01206	**3**	0.5103	**3**	13.974	11
Gamma (3P)	0.01414	8	0.55772	8	11.09	**2**
Gen. Gamma	0.01404	6	0.55613	7	13.35	10
Gen. Gamma (4P)	0.01417	9	0.54166	**5**	11.603	**5**
Johnson SB	0.01218	**4**	0.55132	6	18.525	15
Pearson 6	0.01417	10	0.55956	9	11.091	**3**
Pearson 6 (4P)	0.01316	**5**	0.51294	**4**	15.371	12
Johnson SU	No fit					
Log-Gamma	No fit					

Table 5.27 Critical values for different significance levels of best fitting distribution for 400-1200 veh/hr. flow- A 04 Road Section

Goodness of Fit - Details					
Burr [#2]					
Kolmogorov-Smirnov					
Sample Size	2852				
Statistic	0.01042				
P-Value	0.91269				
Rank	1				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.02009	0.0229	0.02543	0.02842	0.0305
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	2852				
Statistic	0.31845				
Rank	1				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom	11				
Statistic	12.409				
P-Value	0.33371				
Rank	7				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	14.631	17.275	19.675	22.618	24.725
Reject?	No	No	No	No	No

IV. AB-042 Road

Goodness of fit test statistics according to ranks for time headway data set obtained by analyzing time headway data set of AB-42 road section belong to flow range greater than 1200 veh/hr. using easyfit software for goodness of fit tests are summarized in table 5.28.

Table 5.28 Goodness of Fit test statistics >1200 veh/hr. AB-042 Road Section

Distribution	**Kolmogorov Smirnov**		**Anderson Darling**		**Chi-Squared**	
	Statistic	**Rank**	**Statistic**	**Rank**	**Statistic**	**Rank**
Beta	0.01317	6	0.3427	**1**	24.206	13
Burr	0.01462	10	0.80381	11	19.818	**4**
Burr (4P)	0.01346	7	0.65243	10	23.602	12
Gamma	0.01215	**1**	0.40173	7	22.283	10
Gamma (3P)	0.01303	**5**	0.36407	**3**	19.845	**5**
Gen. Gamma	0.01228	**2**	0.37591	**4**	21.354	8
Gen. Gamma (4P)	0.01244	**4**	0.35496	**2**	21.164	7
Johnson SB	0.01431	9	0.5076	9	17.916	**2**
Pearson 6	0.01229	**3**	0.37892	**5**	22.279	9
Pearson 6 (4P)	0.01375	8	0.42029	8	19.59	**3**
Johnson SU	No fit					

Table 5.29 Critical values for different significance levels of best fitting distribution for 400-1200 veh/hr. flow- A 04 Road Section

Goodness of Fit - Details					
Gamma [#19]					
Kolmogorov-Smirnov					
Sample Size	2292				
Statistic	0.01215				
P-Value	0.88345				
Rank	1				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.02241	0.02555	0.02837	0.03171	0.03403
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size	2292				
Statistic	0.40173				
Rank	7				
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074

Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					11
Statistic					22.283
P-Value					0.02227
Rank					10
□	0.2	0.1	0.05	0.02	0.01
Critical Value	14.631	17.275	19.675	22.618	24.725
Reject?	Yes	Yes	Yes	No	No

d. Goodness of Fit Tests Results Summary greater than 1200 veh/hr.

The tabulation in Table 5.30 provides a summary of the goodness-of-fit test statistics for the time headway dataset. These statistics were obtained through the analysis of time headway data using EasyFit software, encompassing goodness of fit tests within the flow greater than 1200 veh/hr. vehicles per hour.

Table 5.30 Goodness of Fit test Results Summary->1200 veh/hr.

Flow range (Veh/hr.)	**Road Section**	**Goodness of Fit Test**					
		Kolmogorov Smirnov		**Anderson Darling**		**Chi-Squared**	
		Distribution	**Statistic**	**Distribution**	**Statistic**	**Distribution**	**Statistic**
>1200	**A4 Road**	Gen. Gamma	0.01223	Gen. Gamma	0.36562	Johnson SB	8.2225
	A1 Road	Beta	0.01104	Beta	0.21383	Gen. Gamma (4P)	8.4807
	Marine Drive Road	Burr	0.01042	Burr	0.31845	Erlang (3P)	10.58
	AB-042 Road	Gamma	0.01215	Beta	0.3427	Lognormal (3P)	17.76

Utilizing the provided data across various road sections, it is evident that different distributions were tested for goodness of fit. Notably, the Gen. Gamma distribution appears to be a suitable fit for flow rates greater than 1200 veh/hr., as indicated by Kolmogorov-Smirnov and Anderson-Darling tests, consistently demonstrating no significant departures from this distribution at the 0.05 significance level across different road sections. This finding suggests that the Gen. Gamma distribution may provide a reliable representation of traffic flow characteristics in scenarios where flow rates exceed 1200 veh/hr. Further research can focus on fine-tuning the parameters of the Gen. Gamma distribution to optimize its accuracy in modeling traffic flow under these conditions, contributing valuable insights to traffic engineering and management.

5.3. Analysis of Leader Follower Pairs

Time headway data sets in appendix-4 which were categorized into twenty leader follower combinations as summarized in table 3.4 were analyzed to identify variation of time headway with leader follower combinations were analyzed for the purpose of developing probability density functions and identify best fit empirical distributions for each leader follower combination.

5.3.1. Pairwise Descriptive Statistics

Pairwise Descriptive statistics of time headway data tabulated in appendix-4 for twenty leader follower combinations summarized in table 3.4 are tabulated under 5 major vehicle categories identified in table 3.3 below from table 5.31 to 5.35.

Table 5.31 Pairwise Descriptive Statistics -MC

Statistic	Leader - Follower Pairs				
	MC-MC	MC-TW	MC-CAR	MC-COM	MC-HV
Sample Size	815	855	834	790	811
Range	18.09	19.84	18.57	20.22	23.04
Mean	3.7843	3.7684	3.6413	3.6728	3.7506
Variance	9.4288	10.1	8.9856	9.5727	10.565
Std. Deviation	3.0706	3.1781	2.9976	3.094	3.2504
Coef. of Variation	0.81142	0.84335	0.82322	0.84241	0.86665
Std. Error	0.10756	0.10869	0.1038	0.11008	0.11414
Skewness	1.7445	1.7743	1.7886	2.0381	1.9589
Excess Kurtosis	3.3026	3.4032	3.748	4.9191	4.5043
Percentile					
Min	0.07	0	0.08	0.01	0.19
5%	0.67	0.634	0.59	0.6955	0.73
10%	0.996	0.91	0.86	1.011	0.97
25% (Q1)	1.72	1.61	1.5775	1.66	1.61
50% (Median)	2.84	2.83	2.85	2.77	2.72
75% (Q3)	4.76	4.69	4.7	4.59	4.66
90%	8.206	8.33	7.55	7.624	8.208
95%	10.654	10.658	10.32	10.35	11.528
Max	18.16	19.84	18.65	20.23	23.23

Table 5.32 Pairwise Descriptive Statistics -TW

Statistic	Leader - Follower Pairs				
	TW-MC	TW-TW	TW-CAR	TW-COM	TW-HV
Sample Size	824	809	867	853	834
Range	23.26	21.3	24.39	18.79	21.07
Mean	3.8418	3.8389	3.8228	3.7582	3.6536
Variance	10.464	9.8627	10.708	9.7932	9.1245
Std. Deviation	3.2347	3.1405	3.2723	3.1294	3.0207
Coef. of Variation	0.84198	0.81807	0.85599	0.83269	0.82677
Std. Error	0.11269	0.11041	0.11113	0.10715	0.1046
Skewness	1.9204	1.8113	1.9906	1.8247	2.0657
Excess Kurtosis	4.6512	3.9852	5.1434	3.7343	5.955
Percentile					
Min	0	0	0.04	0.13	0.02
5%	0.6	0.655	0.65	0.617	0.66
10%	0.925	0.95	0.948	0.97	0.915
25% (Q1)	1.59	1.725	1.64	1.7	1.64
50% (Median)	2.975	2.99	2.86	2.82	2.745
75% (Q3)	4.8575	4.845	4.84	4.665	4.61
90%	7.93	7.91	8.01	8.04	7.505
95%	11.125	10.705	11.016	10.809	9.6575
Max	23.26	21.3	24.43	18.92	21.09

Table 5.33 Pairwise Descriptive Statistics - CAR

Statistic	Leader - Follower Pairs				
	CAR-MC	CAR-TW	CAR-CAR	CAR-COM	CAR-HV
Sample Size	848	834	854	820	843
Range	19.39	20.03	22.35	16.06	18.67
Mean	3.7226	3.7647	3.6658	3.7115	3.8635
Variance	9.9483	10.824	9.2409	8.688	10.914
Std. Deviation	3.1541	3.29	3.0399	2.9475	3.3036
Coef. of Variation	0.84729	0.87389	0.82925	0.79417	0.8551
Std. Error	0.10831	0.11392	0.10402	0.10293	0.11378
Skewness	1.8649	1.9372	1.7569	1.5106	1.737
Excess Kurtosis	4.0097	4.0377	3.8584	2.2096	2.989
Percentile					
Min	0.04	0.1	0.11	0.12	0.15
5%	0.5945	0.67	0.5775	0.5505	0.542
10%	0.919	0.945	0.91	0.881	0.868
25% (Q1)	1.59	1.58	1.545	1.68	1.65
50% (Median)	2.85	2.725	2.8	2.85	2.89
75% (Q3)	4.6775	4.67	4.665	4.715	4.84

90%	8.021	8.105	7.725	8.298	8.388
95%	10.829	11.382	10.408	10.237	11.424
Max	19.43	20.13	22.46	16.18	18.82

Table 5.34 Pairwise Descriptive Statistics - COM

Statistic	**Leader - Follower Pairs**				
	COM-MC	**COM-TW**	**COM-CAR**	**COM-COM**	**COM-HV**
Sample Size	788	816	844	832	809
Range	17.13	22.17	17.53	20.88	21.18
Mean	3.533	3.9065	3.7138	3.9395	3.7676
Variance	7.9033	11.343	9.2415	12.209	9.7972
Std. Deviation	2.8113	3.368	3.04	3.4941	3.13
Coef. of Variation	0.79573	0.86214	0.81856	0.88693	0.83077
Std. Error	0.10015	0.1179	0.10464	0.12114	0.11005
Skewness	1.7718	1.7445	1.6702	1.7973	1.7421
Excess Kurtosis	3.7587	3.4511	2.8918	3.254	3.5133
Percentile					
Min	0.06	0.1	0.08	0.07	0.03
5%	0.5545	0.62	0.62	0.6	0.57
10%	0.91	0.9	0.92	0.863	0.9
25% (Q1)	1.58	1.555	1.63	1.6425	1.65
50% (Median)	2.82	2.795	2.86	2.76	2.85
75% (Q3)	4.6575	5.165	4.7275	4.9	4.725
90%	6.733	8.478	8.235	9.097	8.24
95%	9.608	11.421	10.418	12.355	10.545
Max	17.19	22.27	17.61	20.95	21.21

Table 5.35 Pairwise Descriptive Statistics - HV

Statistic	**Leader - Follower Pairs**				
	HV-MC	**HV-TW**	**HV-CAR**	**HV-COM**	**HV-HV**
Sample Size	872	838	825	819	829
Range	18.17	17.87	19.09	22.06	23.19
Mean	3.7464	3.6432	3.9423	3.8763	3.7748
Variance	9.8788	8.708	11.364	10.657	10.144
Std. Deviation	3.143	2.9509	3.371	3.2645	3.185
Coef. of Variation	0.83895	0.80997	0.8551	0.84215	0.84376
Std. Error	0.10644	0.10194	0.11736	0.11407	0.11062
Skewness	1.8246	1.8239	1.7199	1.9225	1.9078
Excess Kurtosis	3.7149	3.9879	3.1122	4.6038	4.6205
Percentile					
Min	0.13	0.07	0.06	0.12	0.09

5%	0.56	0.58	0.62	0.59	0.575
10%	0.853	0.879	0.886	0.97	0.94
25% (Q1)	1.6225	1.63	1.63	1.7	1.615
50% (Median)	2.9	2.85	2.9	2.95	2.79
75% (Q3)	4.6975	4.5725	5.145	4.87	4.755
90%	7.955	7.545	8.474	8.12	8.14
95%	10.666	9.7015	11.186	11.05	10.555
Max	18.3	17.94	19.15	22.18	23.28

The descriptive statistics for the leader-follower pairs within the MC (Motorcycles) class reveal some interesting trends. Across all pairings, the sample size is substantial, ensuring statistical robustness. The range of values suggests significant variability in the data, indicating that there are notable differences in the behavior of leader-follower pairs within this class. Skewness and kurtosis values indicate varying degrees of departure from a normal distribution, with some pairings exhibiting more pronounced skewness and excess kurtosis than others.

Moving to the TW (Three Wheelers) class, we observe similar patterns of variability, although some pairings display slightly higher skewness and kurtosis, potentially indicating more complex leader-follower dynamics. The range of values for TW pairings is also considerable, suggesting diversity in behavior.

In the CAR (Cars) class, we find a consistent trend of lower variability and skewness compared to MC and TW classes. This could imply that leader-follower interactions within the CAR class are relatively stable and normally distributed, with less extreme deviations.

The COM (Utilities) class presents intriguing results, with some pairings exhibiting higher variability, skewness, and kurtosis compared to others. This suggests that leader-follower relationships within this class can vary significantly, potentially influenced by factors specific to utility vehicles.

Lastly, the HV (Buses and Trucks) class shows relatively consistent descriptive statistics across pairings, with moderate variability, skewness, and kurtosis. This may indicate that leader-follower interactions in this class tend to be more uniform and predictable.

In conclusion, the analysis of pairwise descriptive statistics across different vehicle classes reveals varying degrees of variability, skewness, and kurtosis in leader-follower relationships. These differences suggest that the dynamics of leader-follower pairs are influenced by the specific characteristics and contexts of each vehicle class. Researchers and policymakers should consider these findings when developing strategies for improving road safety and traffic management, as they indicate the need for tailored approaches to different vehicle categories. Further investigation into the factors driving these variations could yield valuable insights for enhancing traffic safety and efficiency.

5.3.2. Pairwise Probability Density Function and Cumulative Density Function

a. Leader follower pair - MC-MC

Figure 5. 25 Probability Density Function—MC-MC

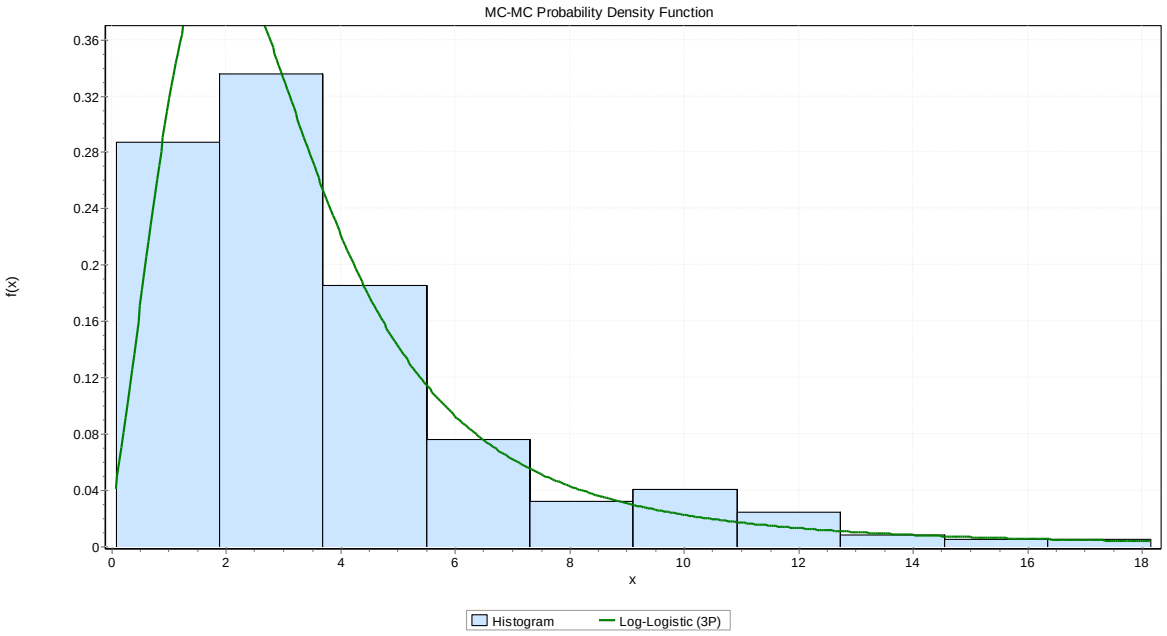
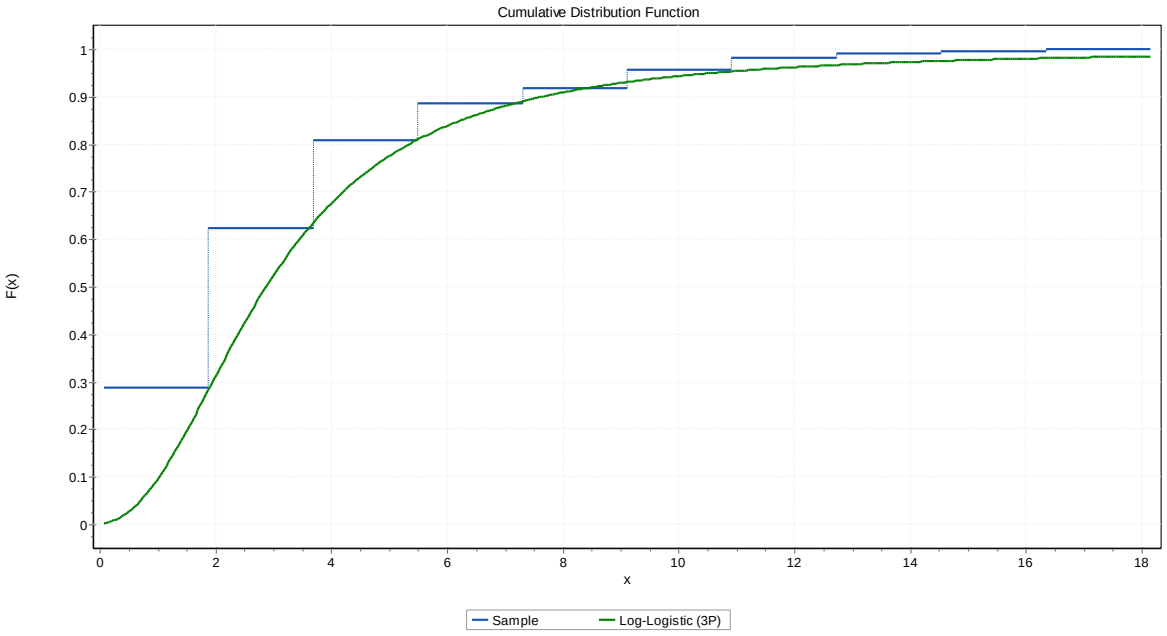


Figure 5. 26 Cumulative Distribution Function—MC-MC



b. Leader follower pair -MC-TW

Figure 5. 27 Probability Density Function-MC-TW

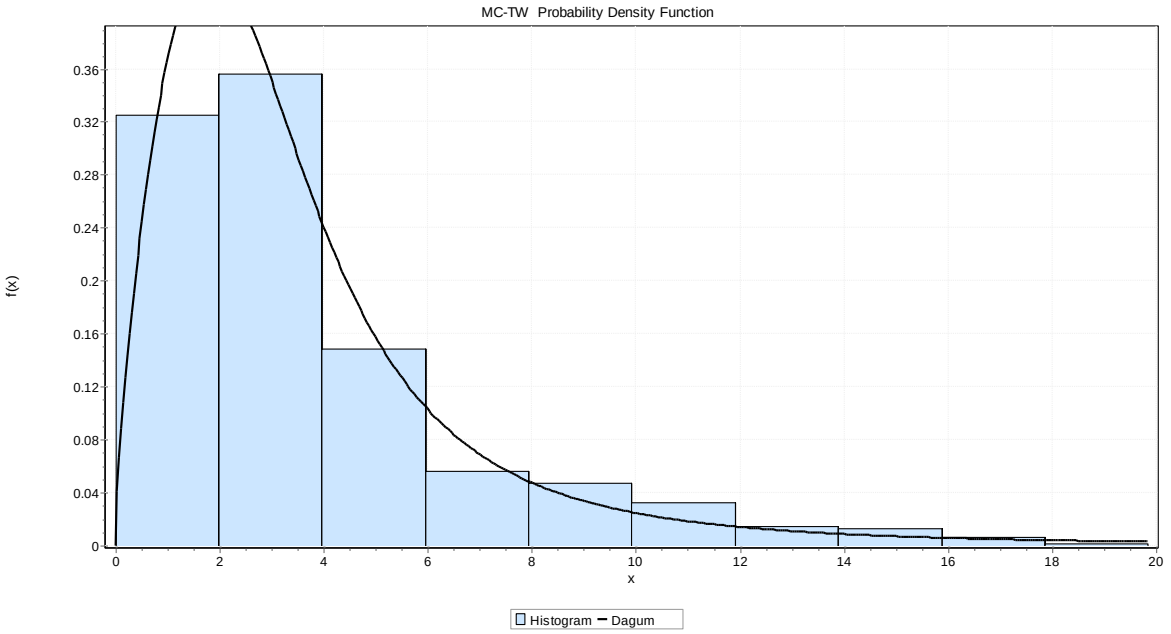
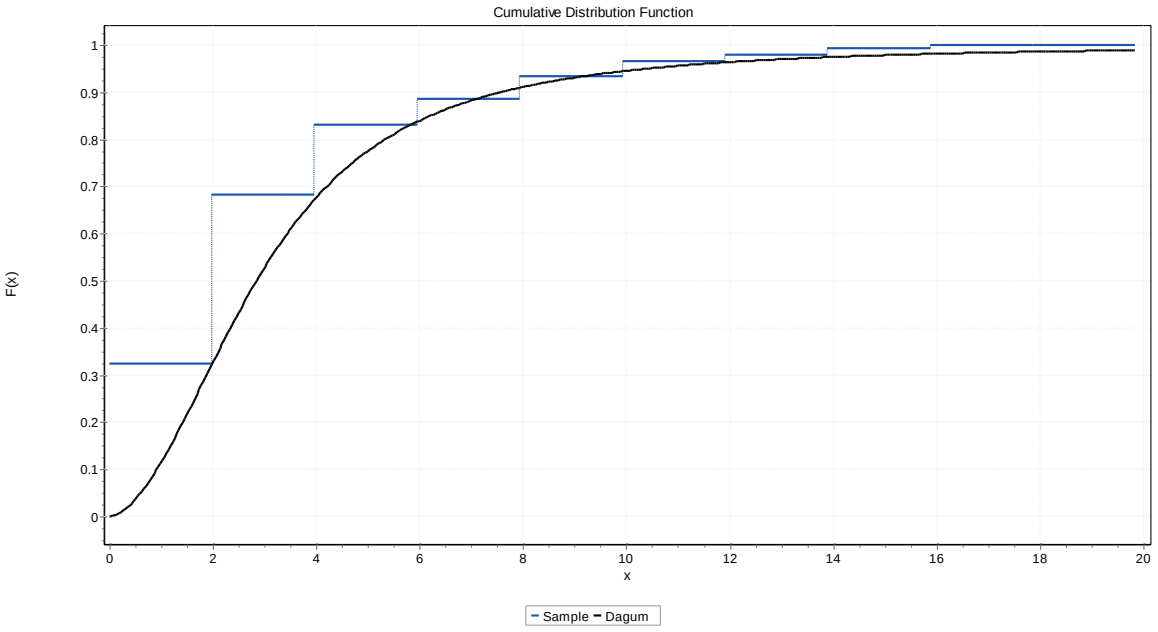


Figure 5. 28 Cumulative Distribution Function-MC-TW



c. Leader follower pair -MC-CAR

Figure 5. 29 Probability Density Function-MC-CAR

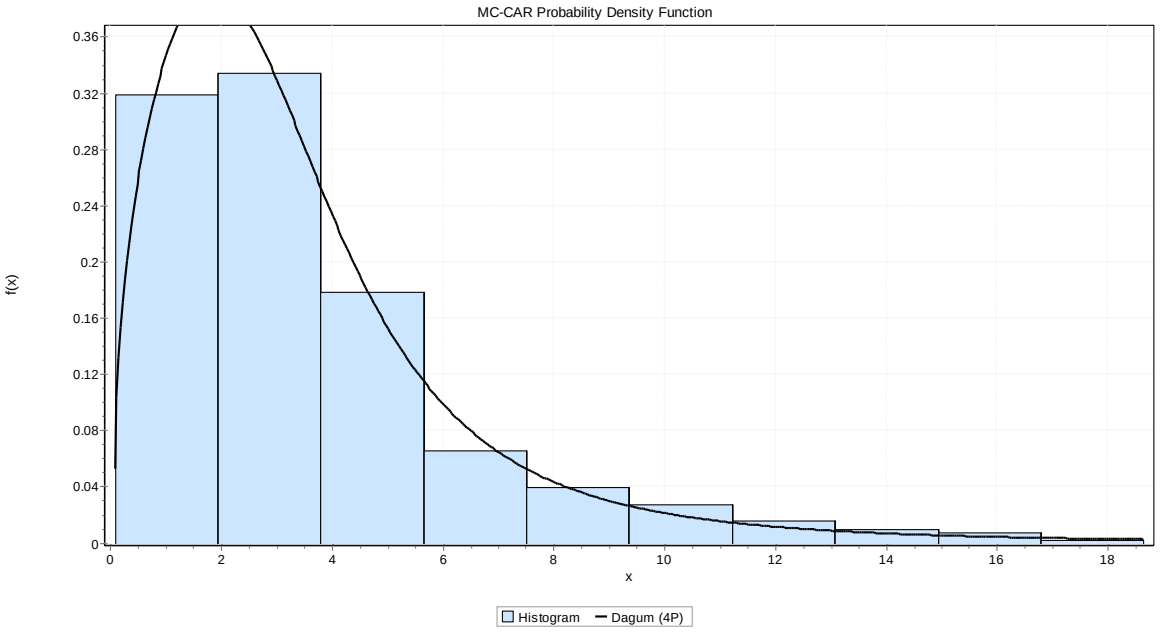
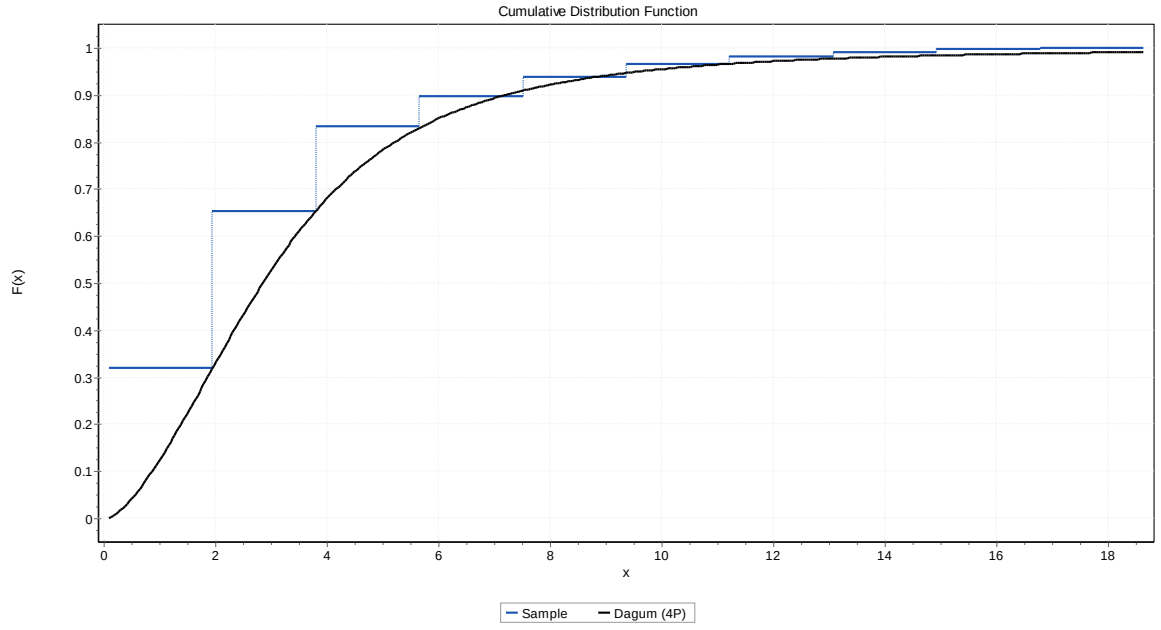


Figure 5. 30 Cumulative Distribution Function-MC-CAR



d. Leader follower pair -MC-COM

Figure 5. 31 Probability Density Function-MC-COM

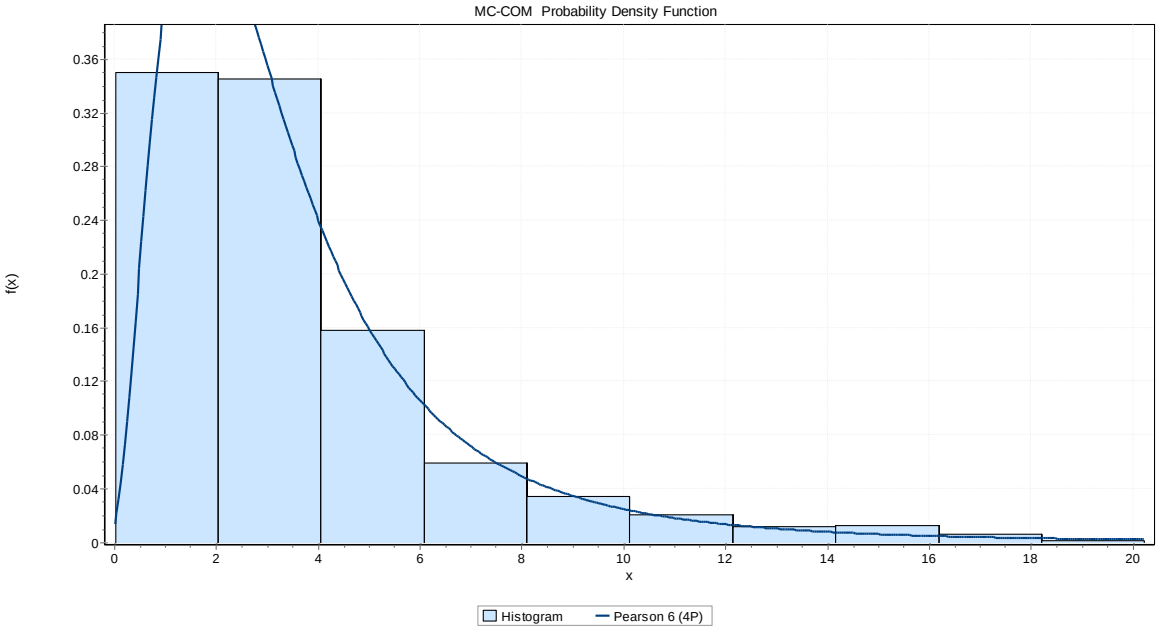
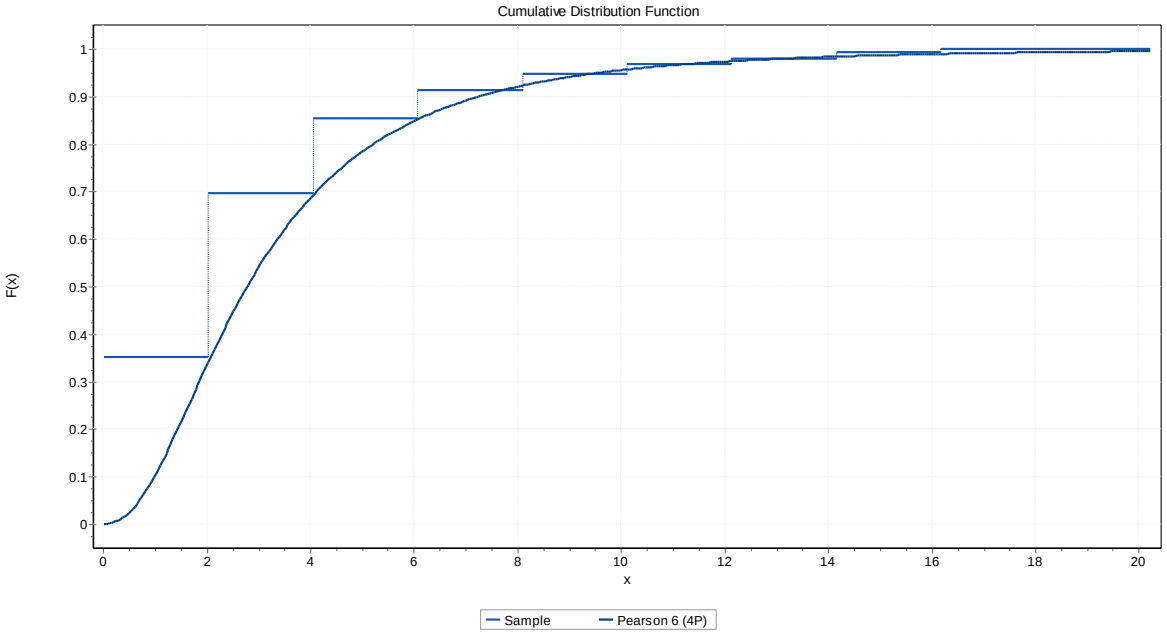


Figure 5. 32 Cumulative Distribution Function-MC-COM



e. Leader follower pair -MC-HV

Figure 5. 33 Probability Density Function-MC-HV

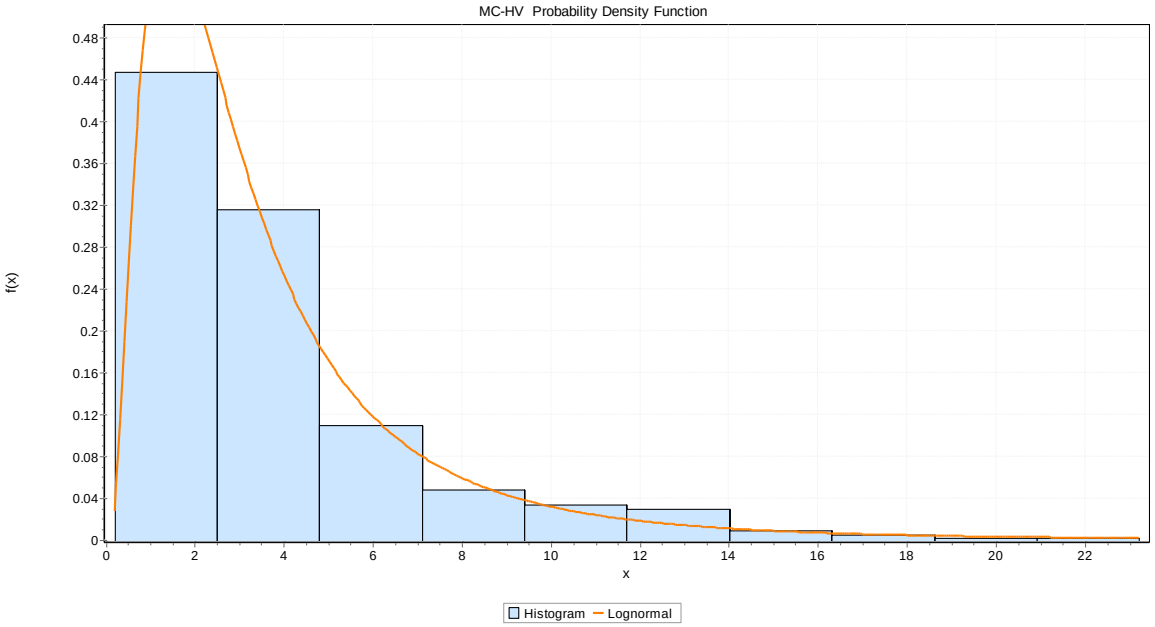
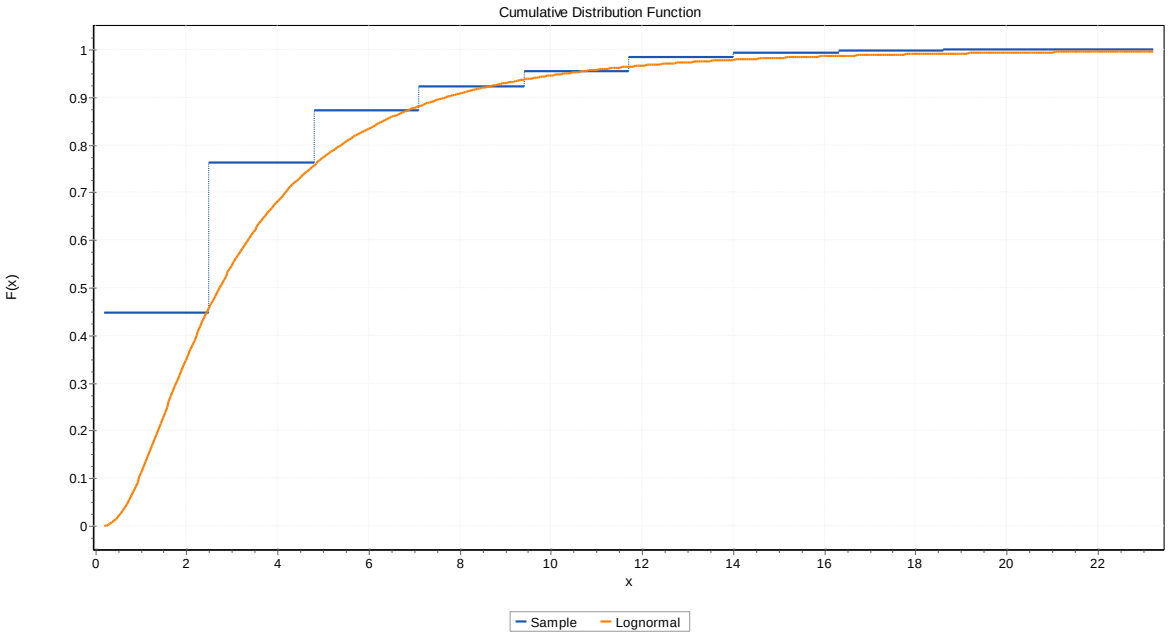


Figure 5. 34 Cumulative Distribution Function-MC-HV



f. Leader follower pair -TW-MC

Figure 5. 35 Probability Density Function-TW-MC

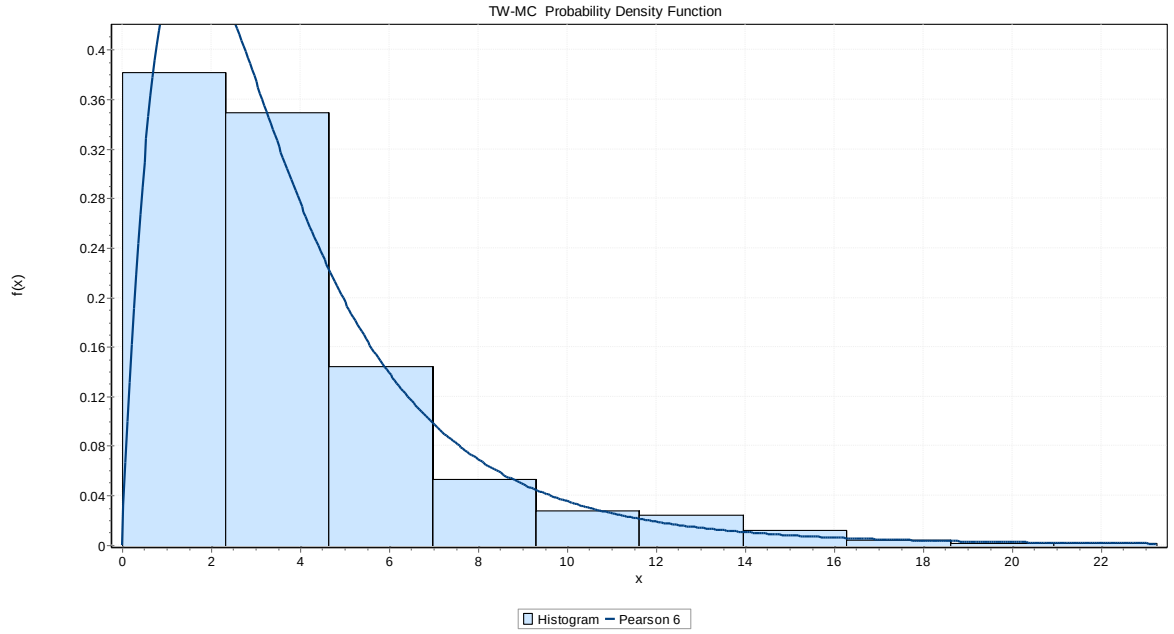
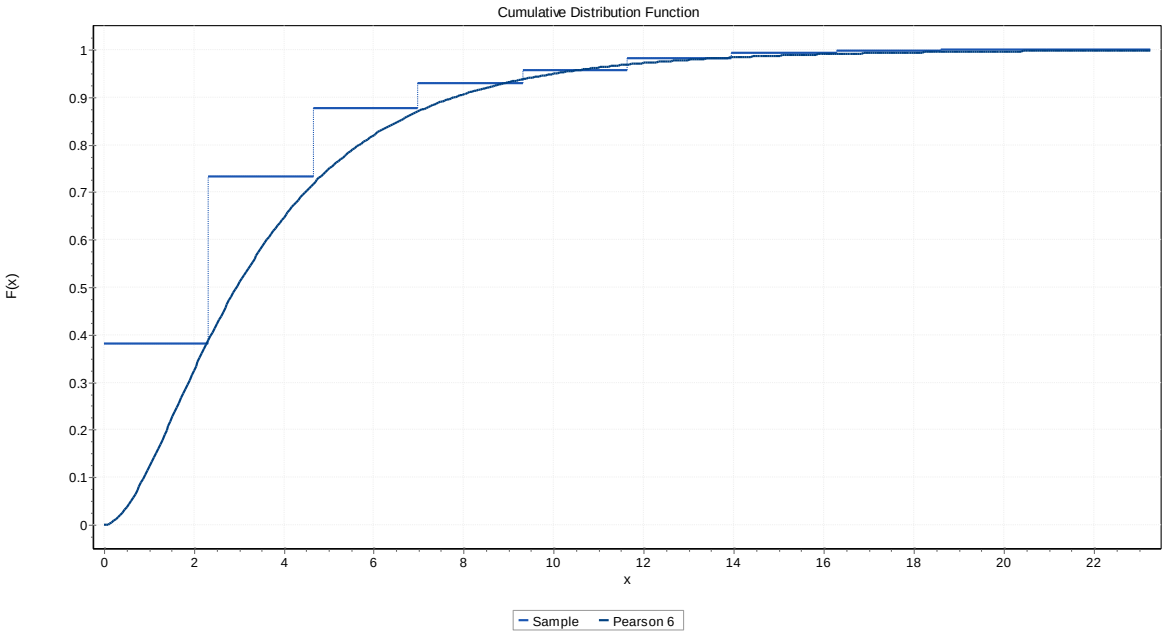


Figure 5. 36 Cumulative Distribution Function-TW-MC



g. Leader follower pair -TW-TW

Figure 5. 37 Probability Density Function-TW-TW

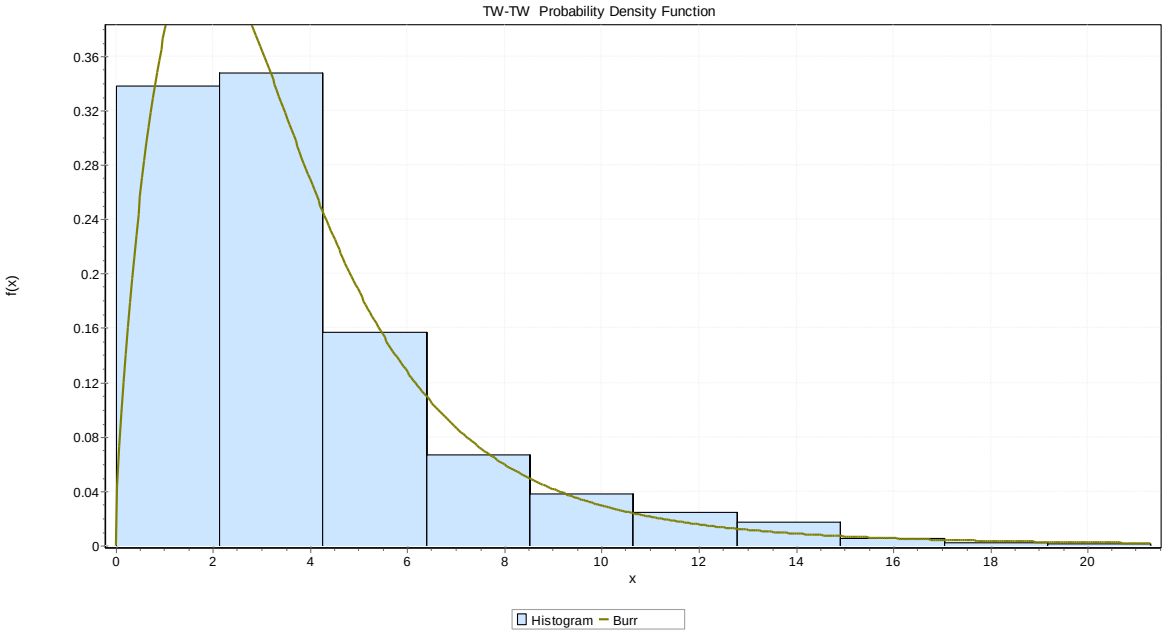
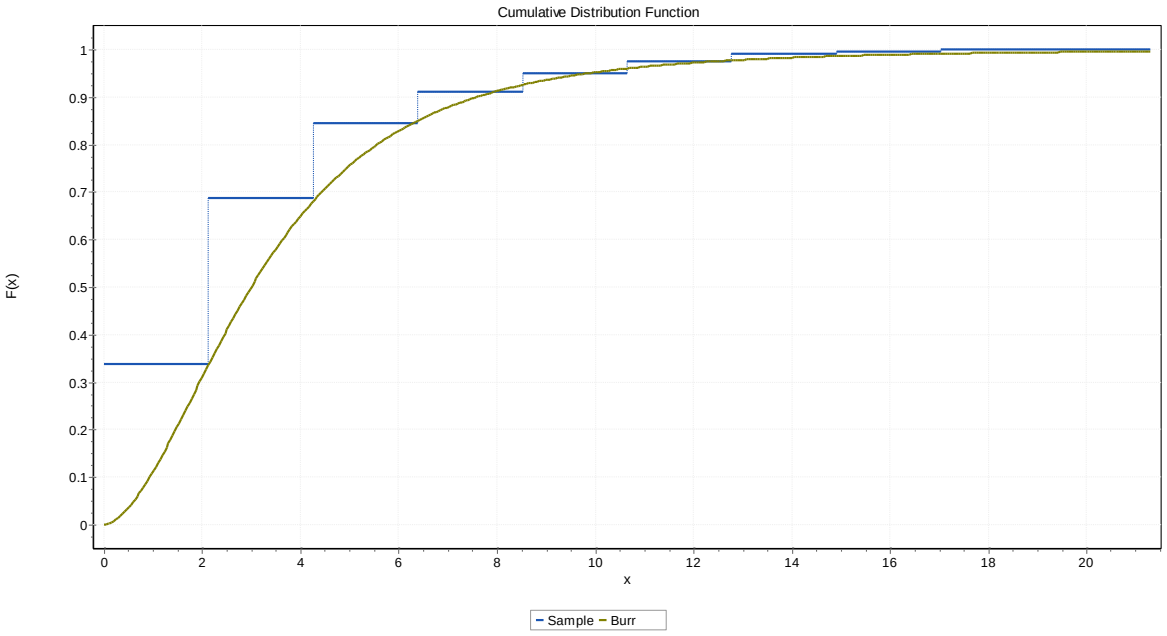


Figure 5. 38 Cumulative Distribution Function-TW-TW



h. Leader follower pair -TW-CAR

Figure 5. 39 Probability Density Function-TW-CAR

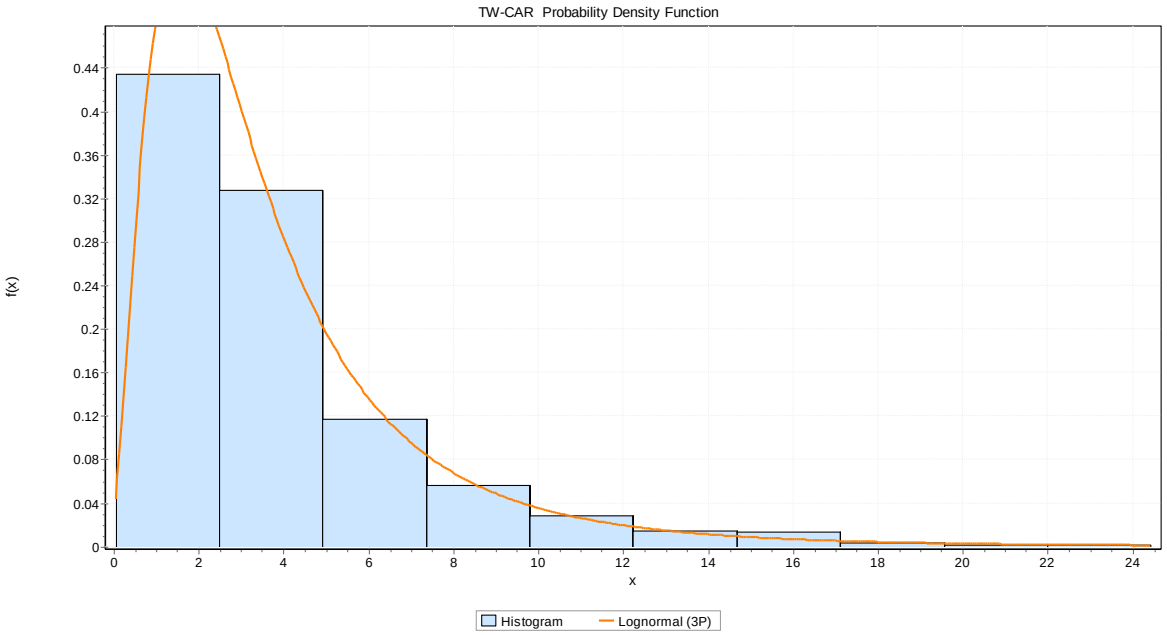
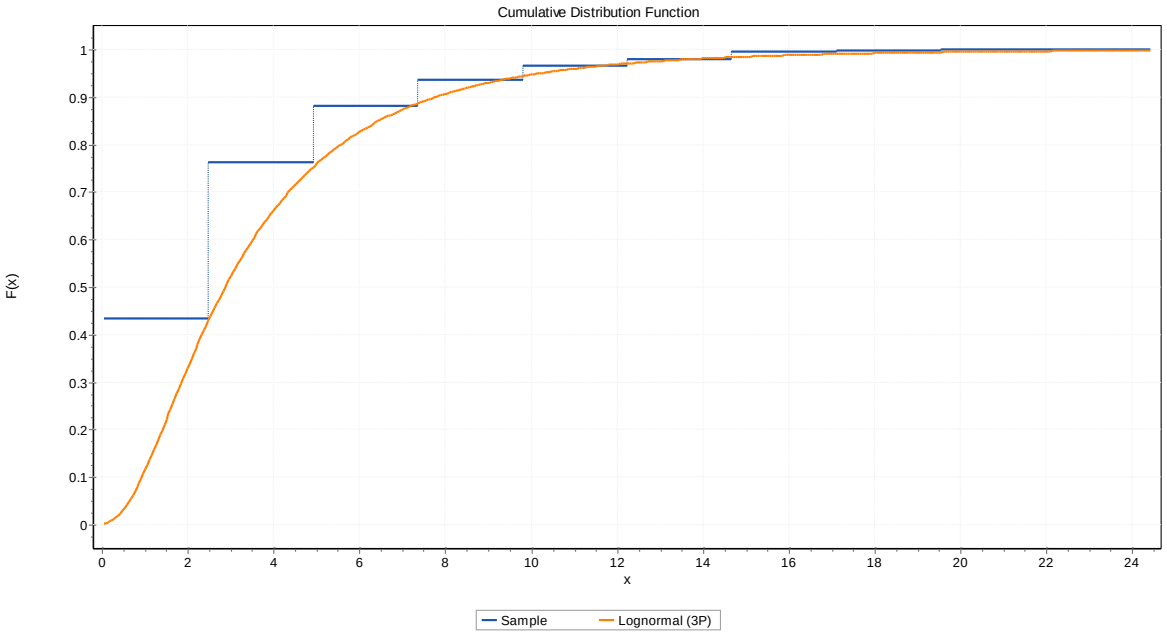


Figure 5. 40 Cumulative Distribution Function-TW-CAR



i. Leader follower pair -TW-COM

Figure 5. 41 Probability Density Function-TW-COM

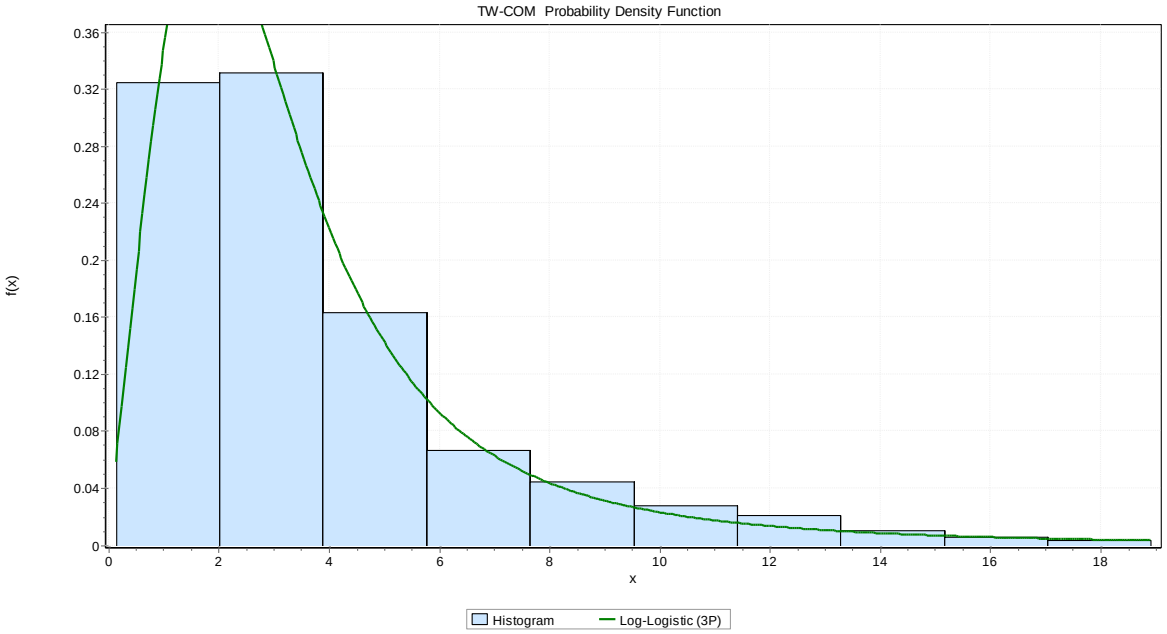
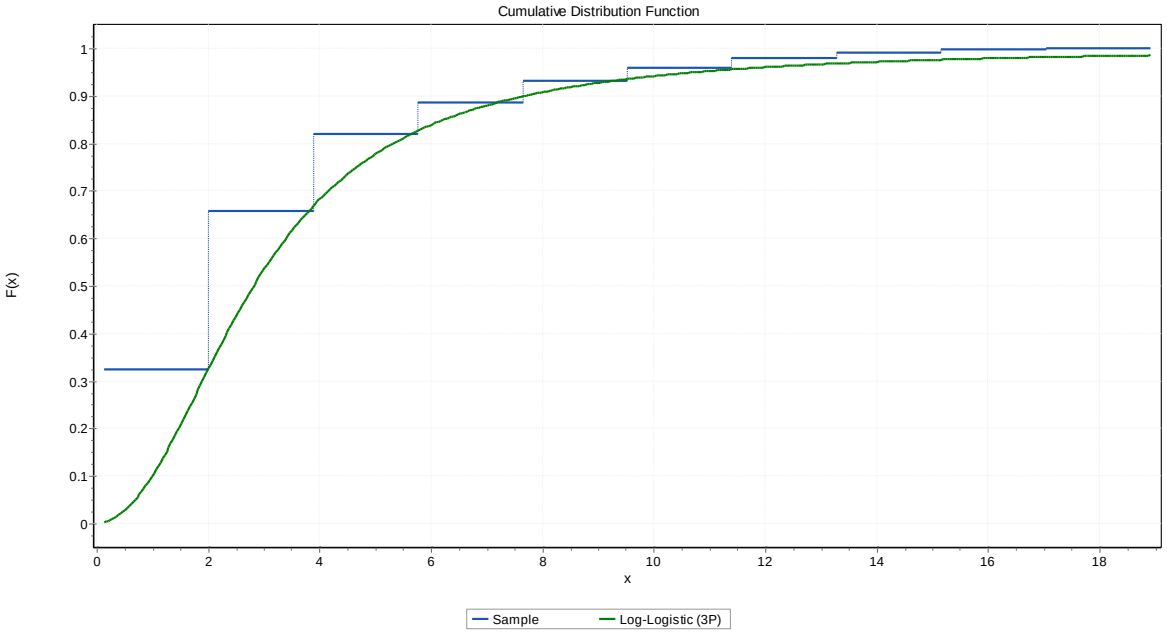


Figure 5. 42 Cumulative Distribution Function-TW-COM



j. Leader follower pair -TW-HV

Figure 5. 43 Probability Density Function-TW-HV

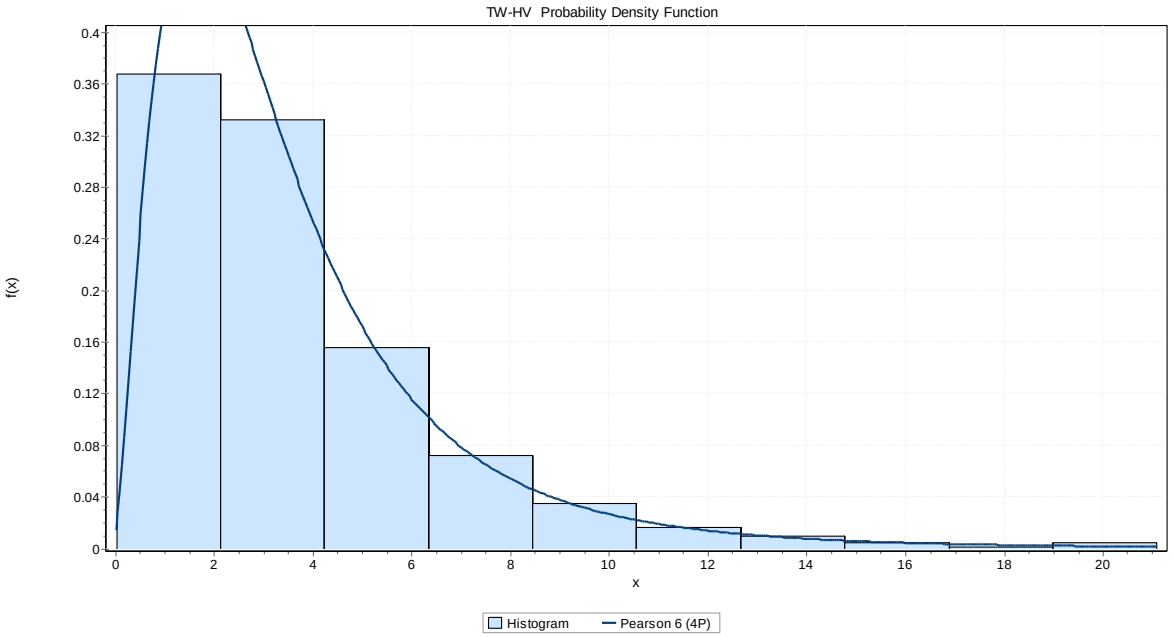
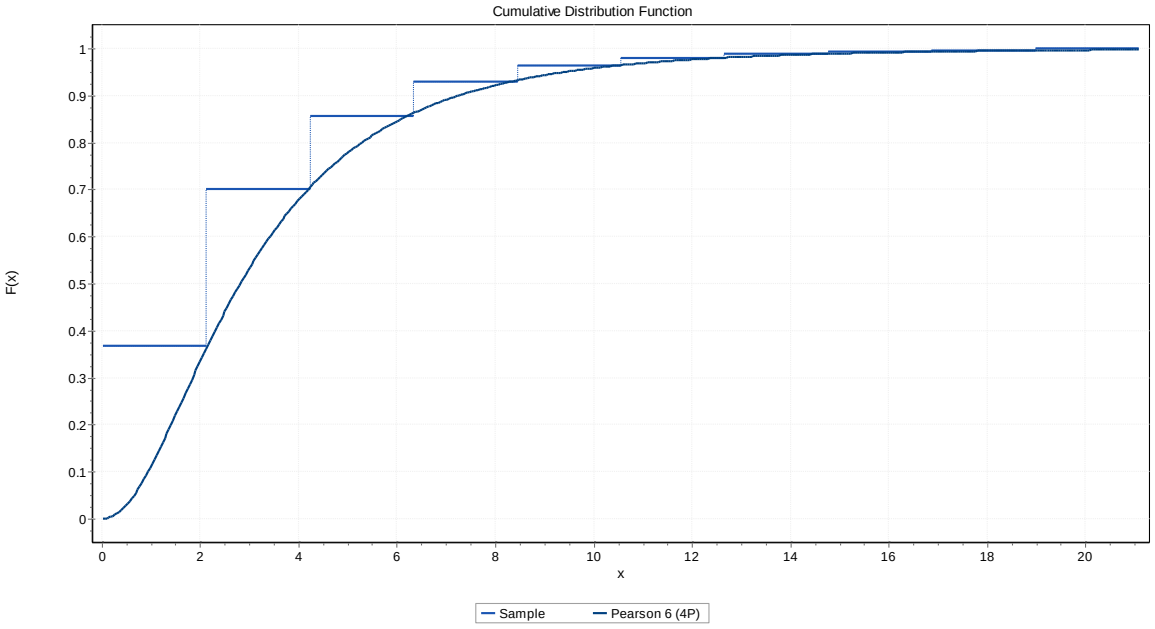


Figure 5. 44 Cumulative Distribution Function-TW-HV



k. Leader follower pair -CAR-MC

Figure 5. 45 Probability Density Function-CAR-MC

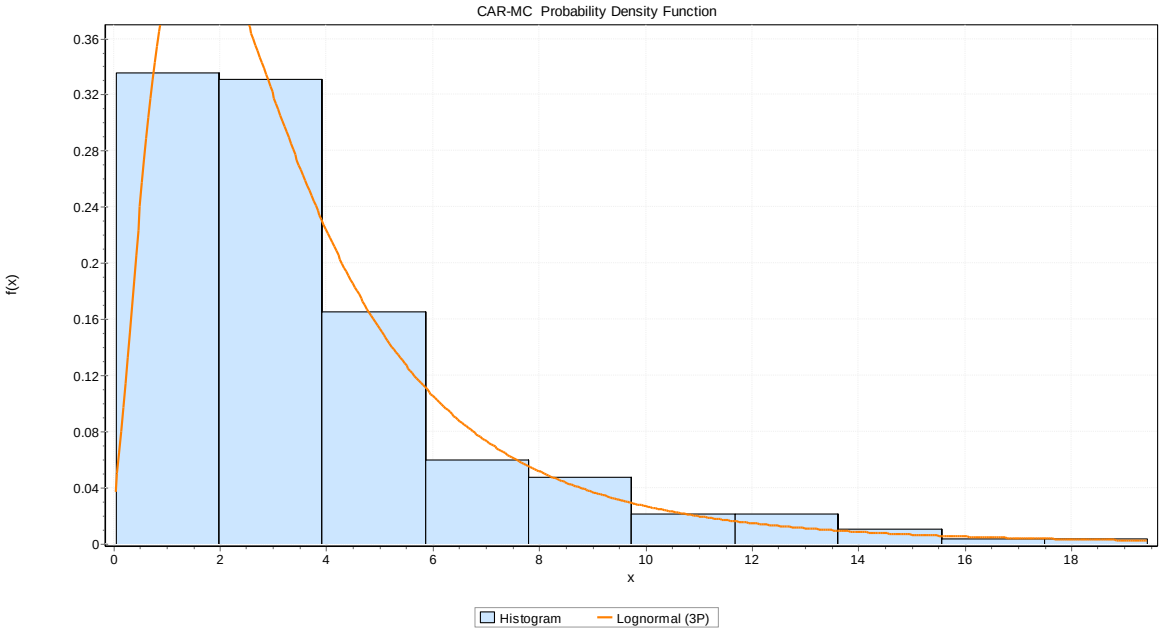
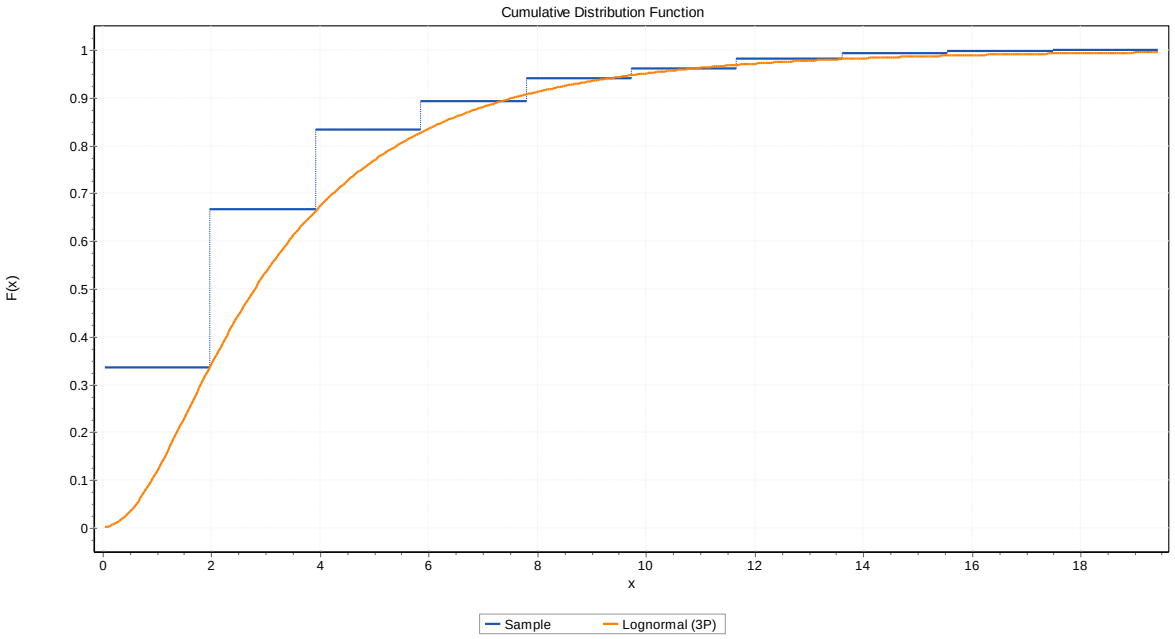


Figure 5. 46 Cumulative Distribution Function-CAR-MC



l. Leader follower pair -CAR-TW

Figure 5. 47 Probability Density Function-CAR-TW

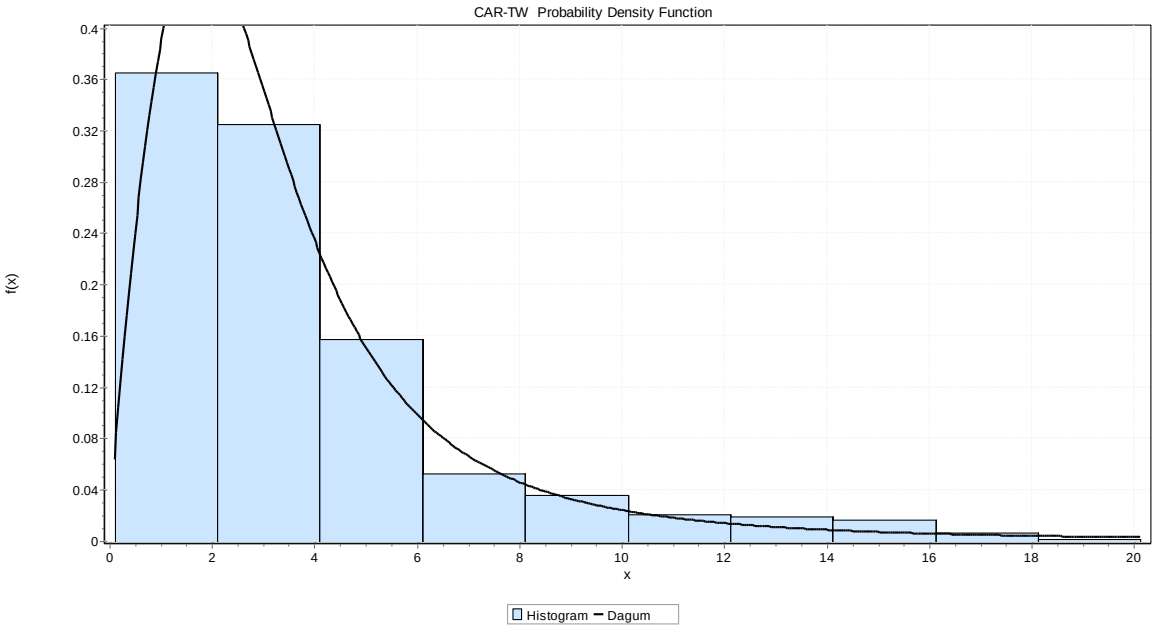
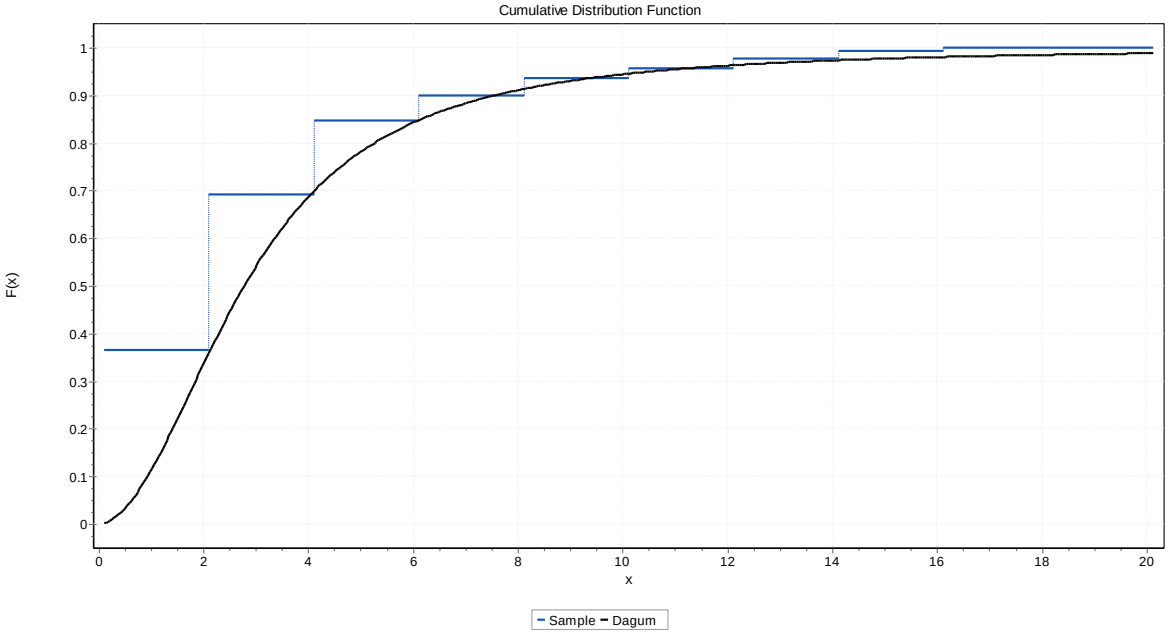


Figure 5. 48 Cumulative Distribution Function-CAR-TW



m. Leader follower pair -CAR-CAR

Figure 5. 49 Probability Density Function-CAR-CAR

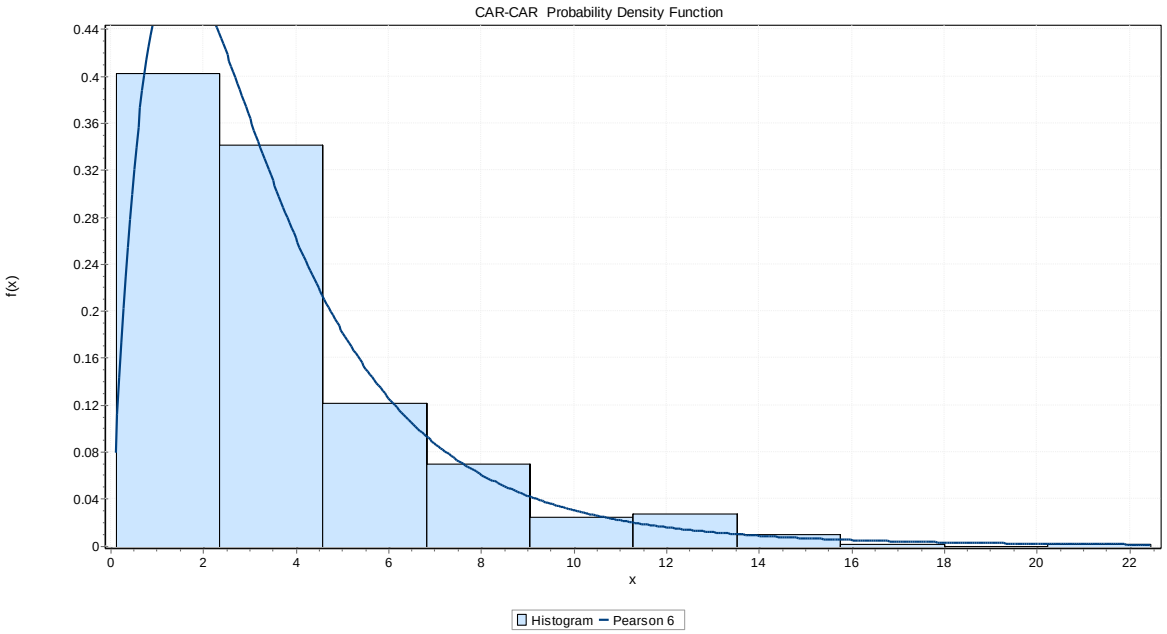
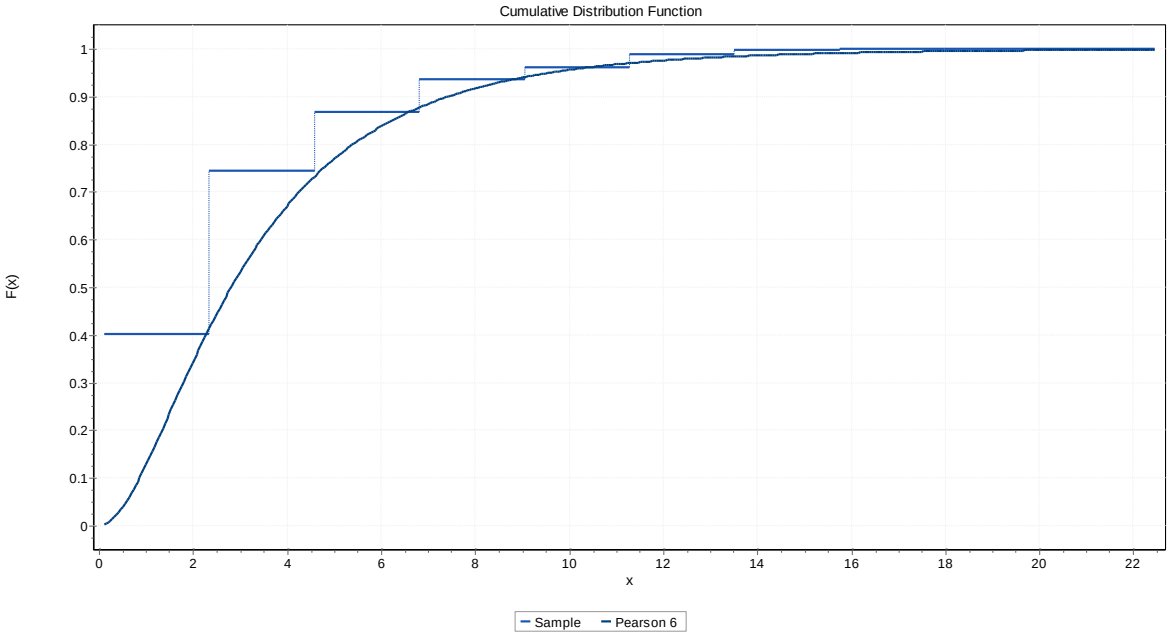


Figure 5. 50 Cumulative Distribution Function-CAR-CAR



n. Leader follower pair -CAR-COM

Figure 5. 51 Probability Density Function-CAR-COM

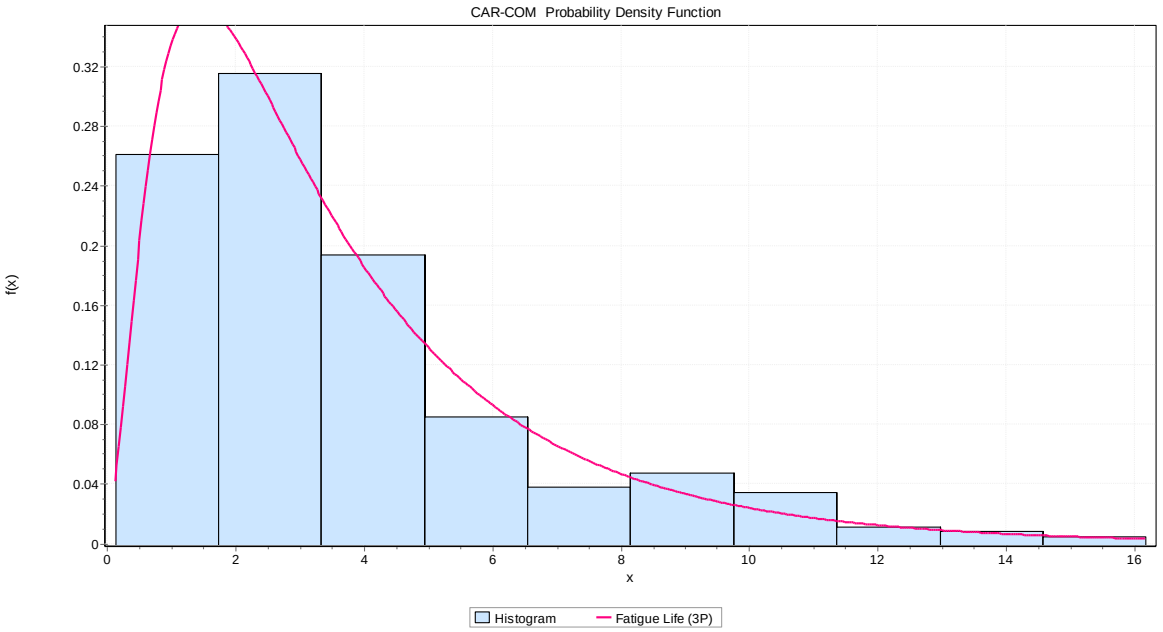
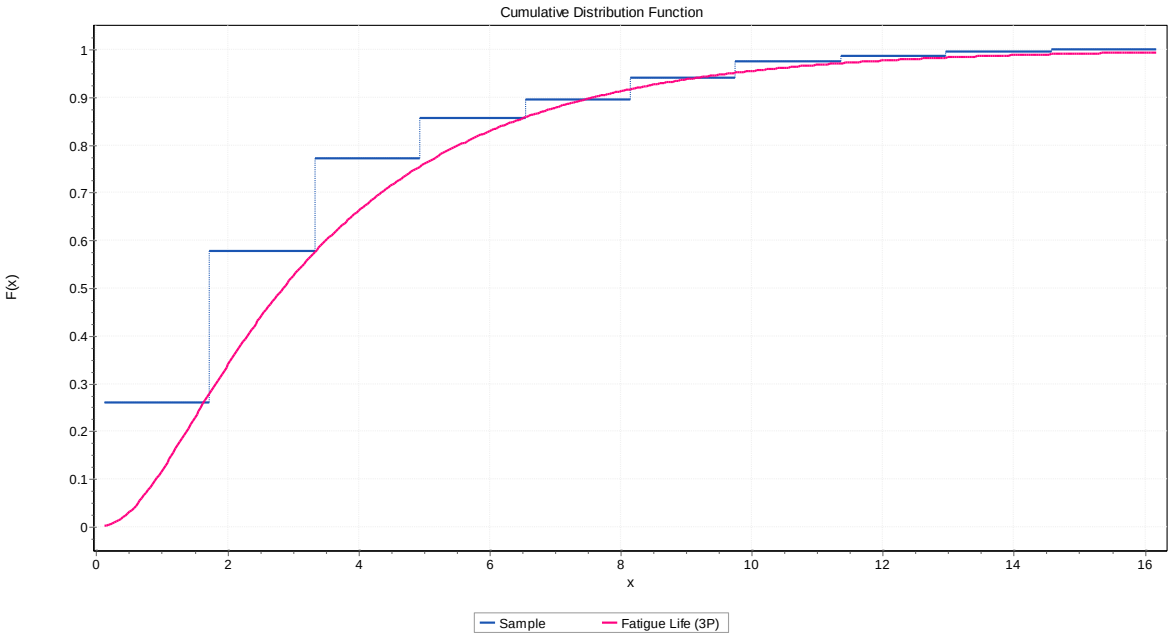


Figure 5. 52 Cumulative Distribution Function-CAR-COM



o. Leader follower pair -CAR-HV

Figure 5. 53 Probability Density Function-CAR-HV

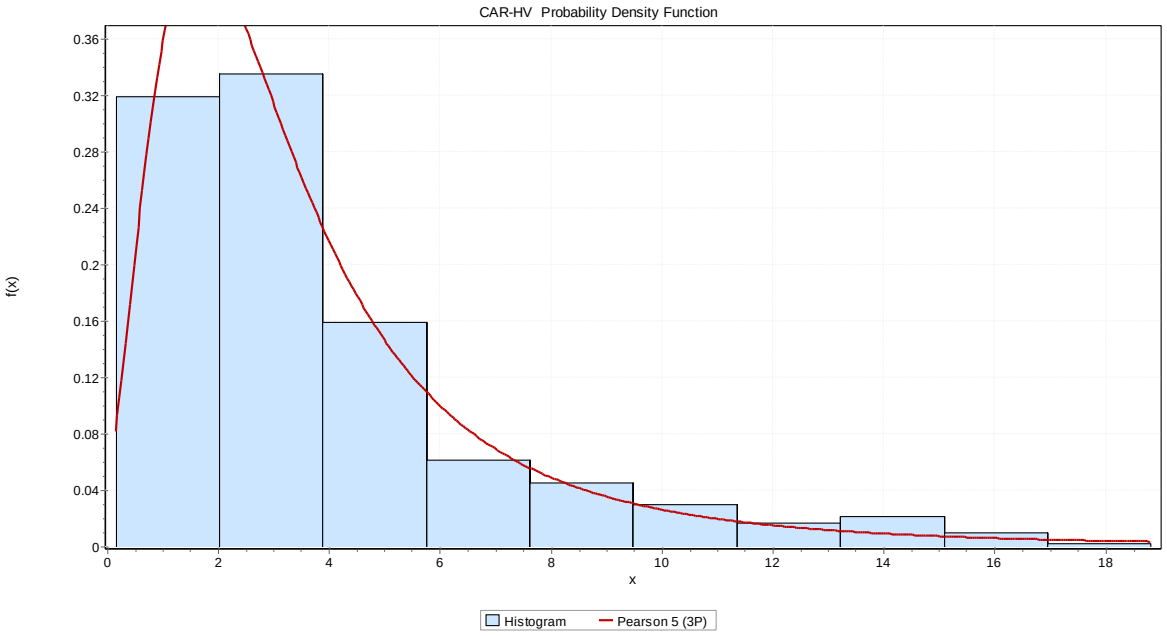
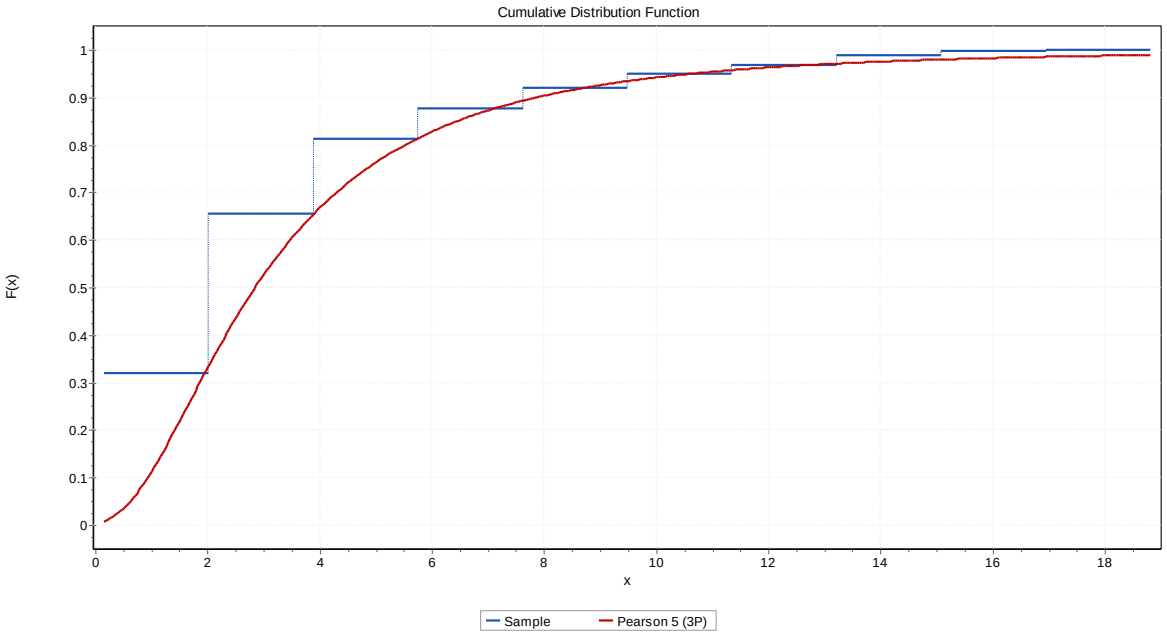


Figure 5. 54 Cumulative Distribution Function-CAR-HV



p. Leader follower pair -COM-MC

Figure 5. 55 Probability Density Function-COM-MC

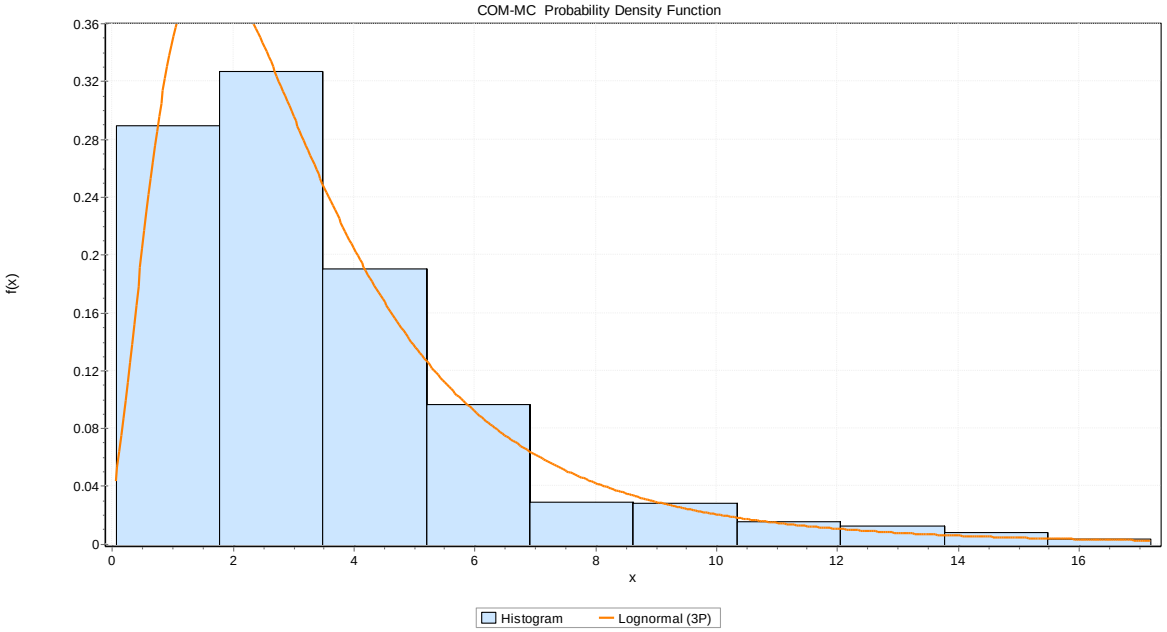
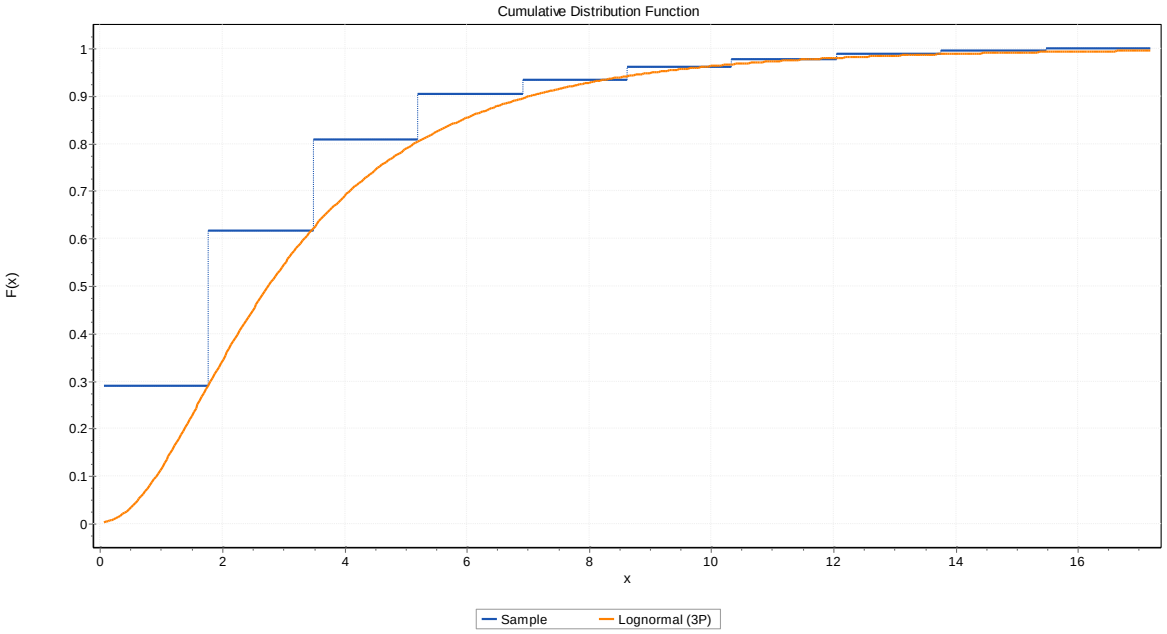


Figure 5. 56 Cumulative Distribution Function-COM-MC



q. Leader follower pair -COM-TW

Figure 5. 57 Probability Density Function-COM-TW

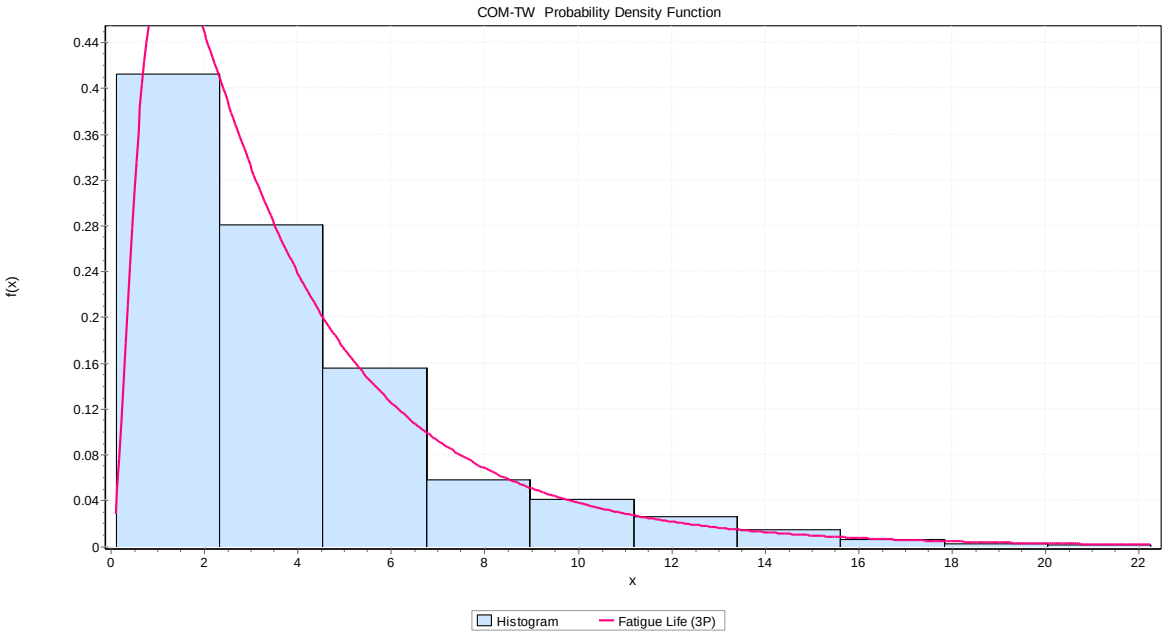
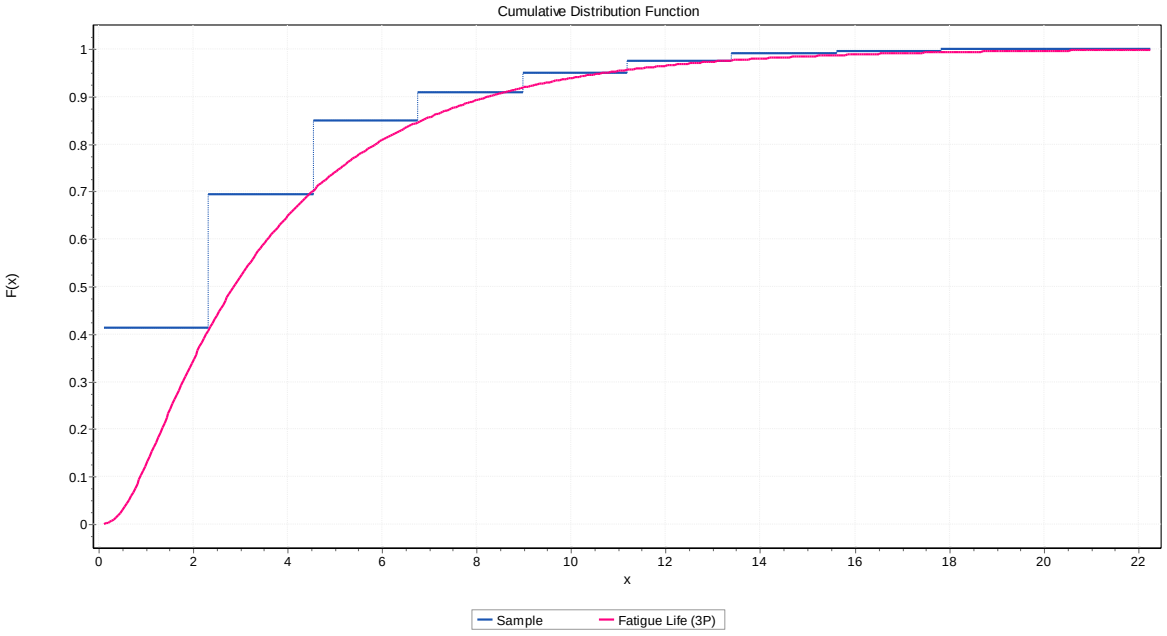


Figure 5. 58 Cumulative Distribution Function-COM-TW



r. Leader follower pair -COM-CAR

Figure 5. 59 Probability Density Function-COM-CAR

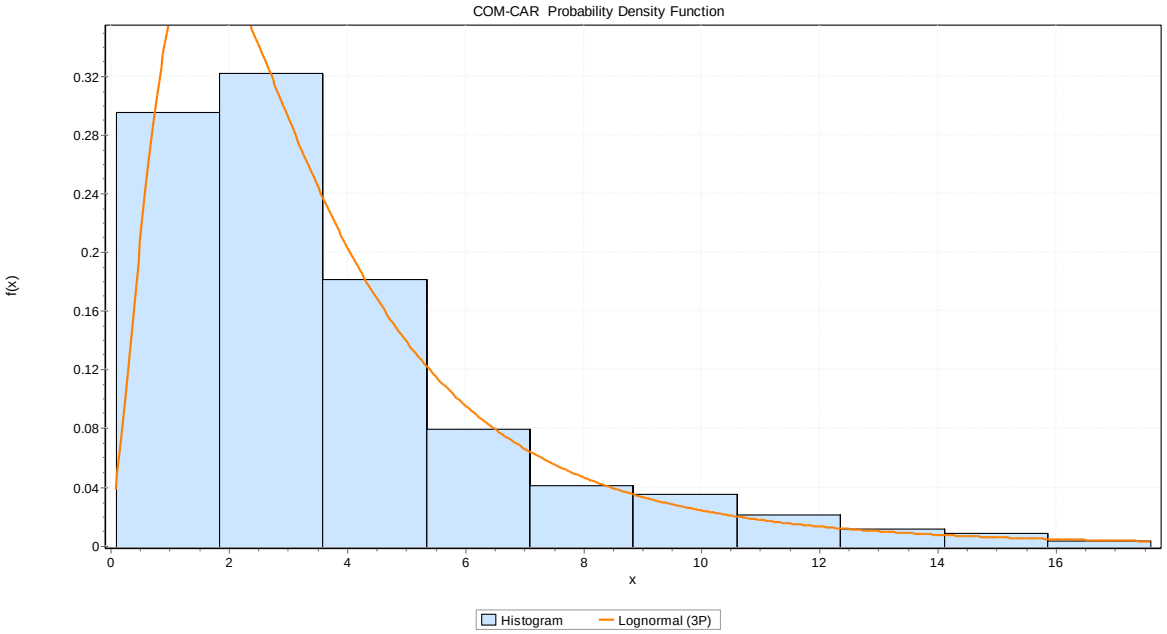
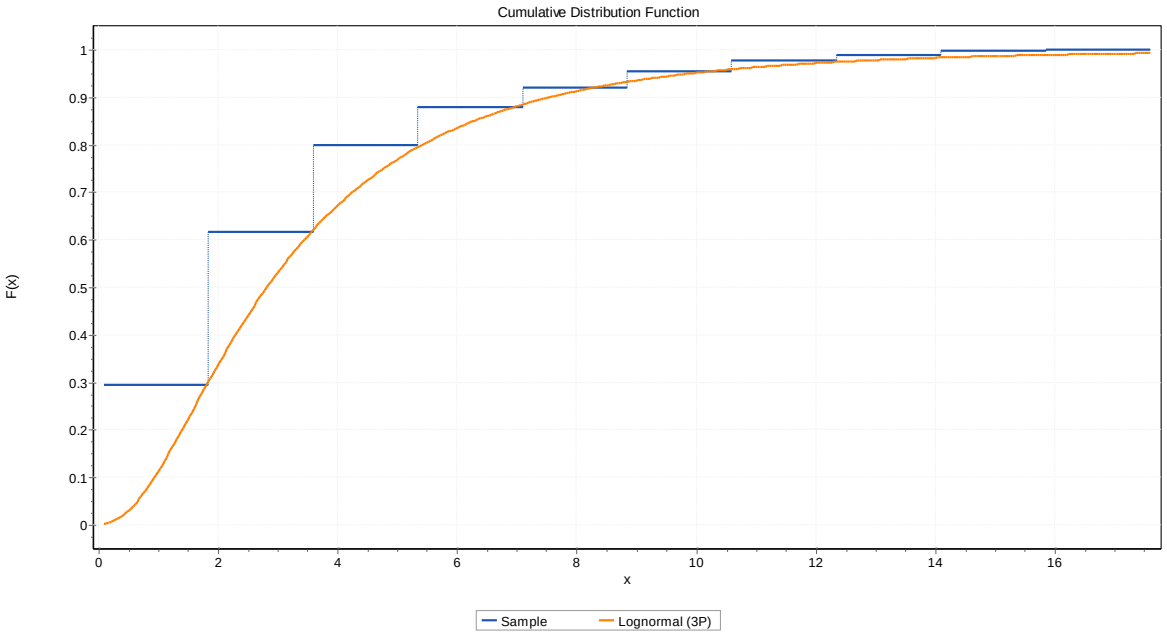


Figure 5. 60 Cumulative Distribution Function-COM-CAR



s. Leader follower pair -COM-COM

Figure 5. 61 Probability Density Function-COM-COM

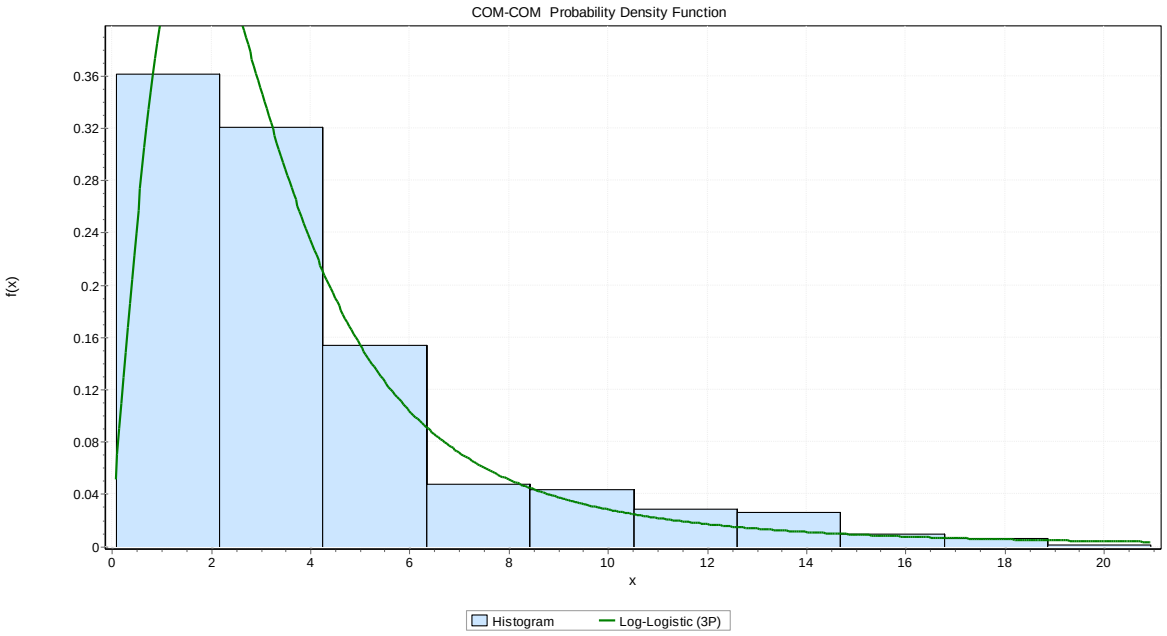
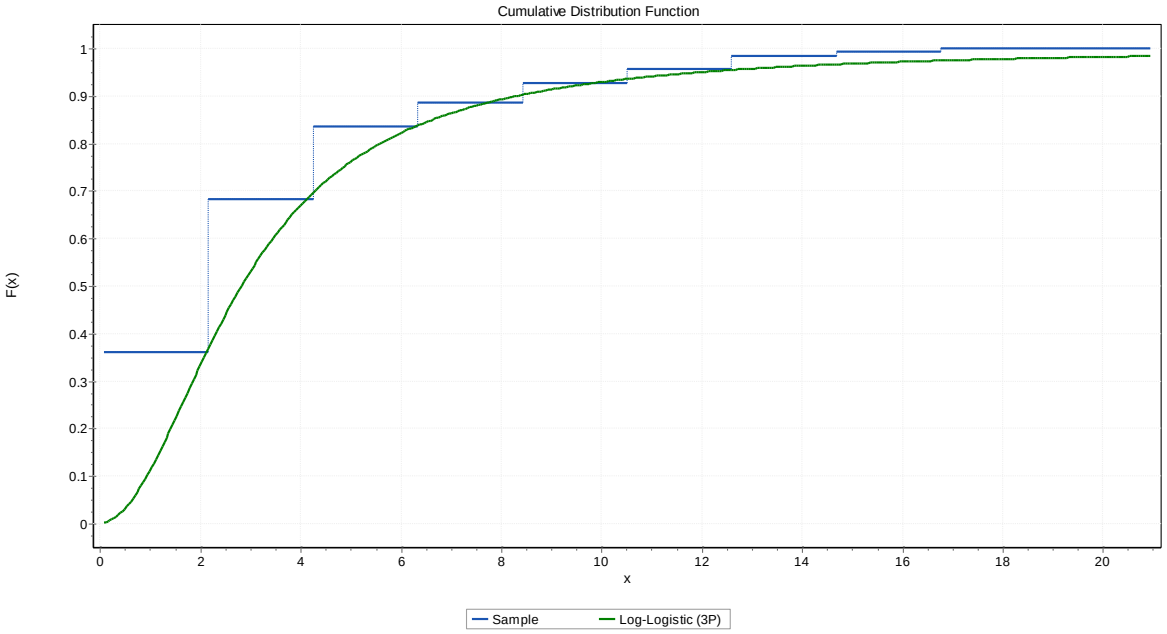


Figure 5. 62 Cumulative Distribution Function-COM-COM



t. Leader follower pair -COM-HV

Figure 5. 63 Probability Density Function-COM-HV

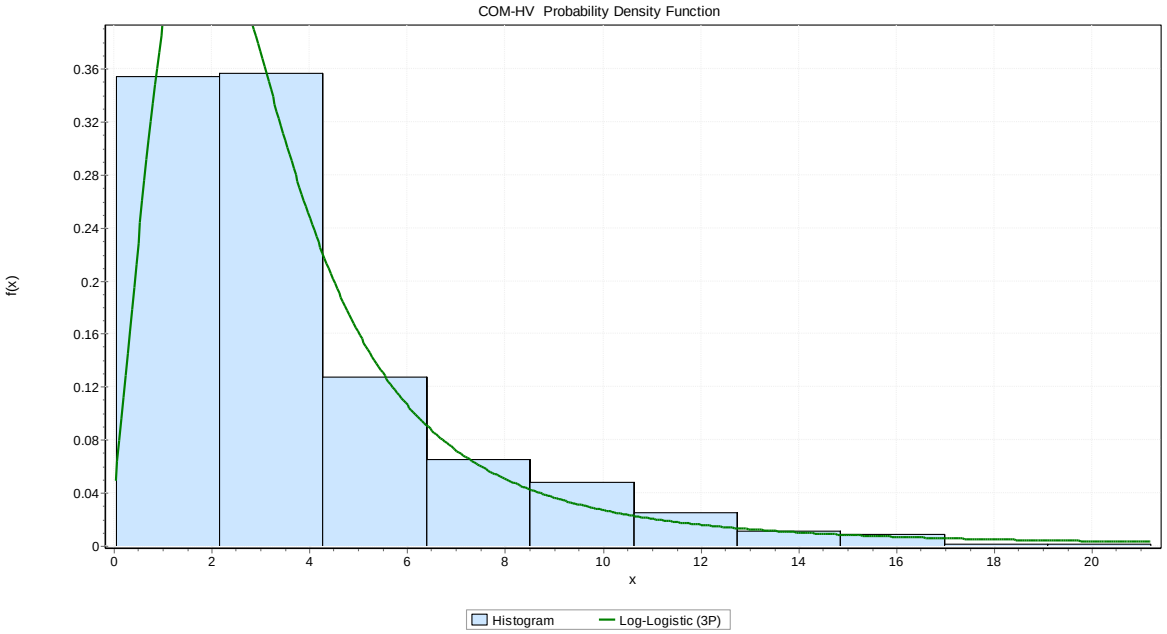
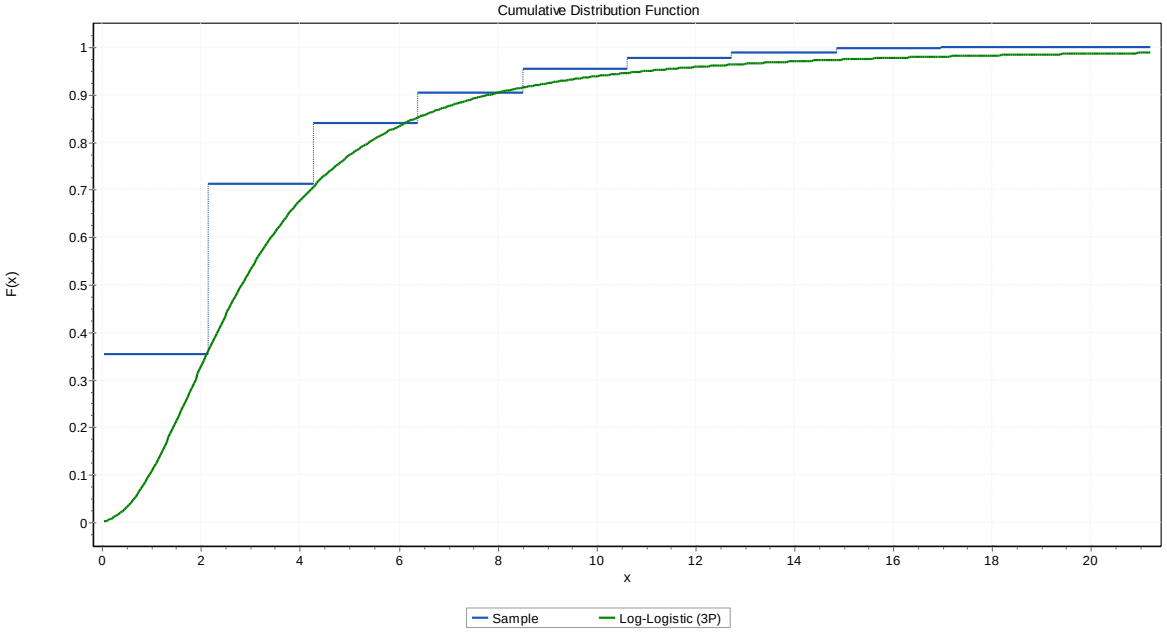


Figure 5. 64 Probability Distribution Function-MC-CAR



u. Leader follower pair -HV-MC

Figure 5. 65 Probability Density Function-HV-MC

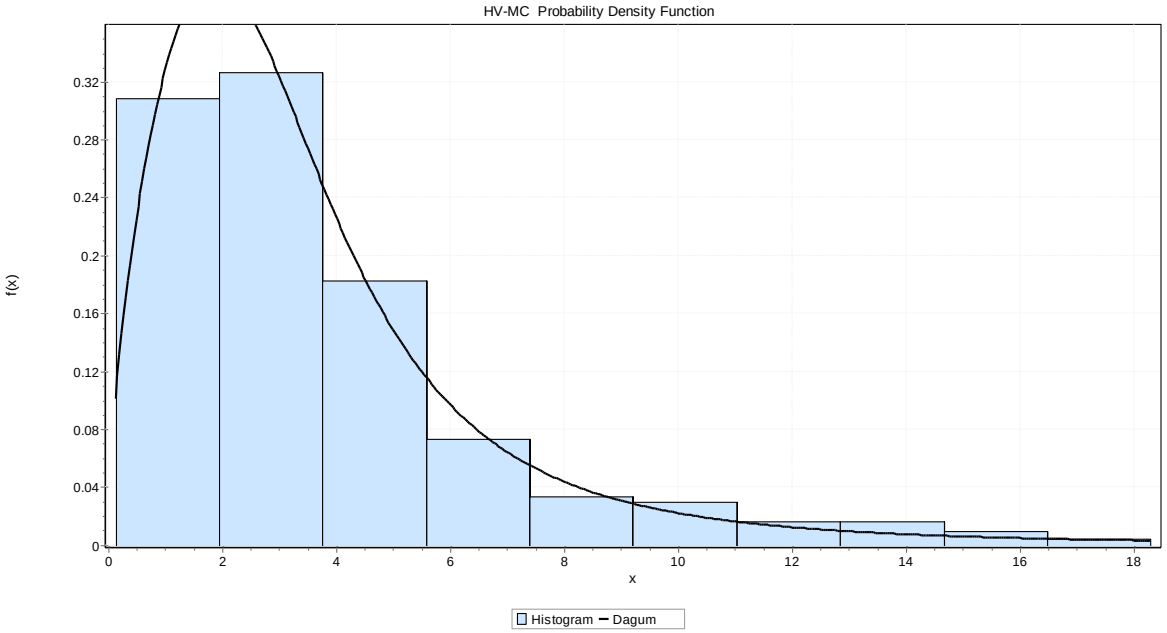
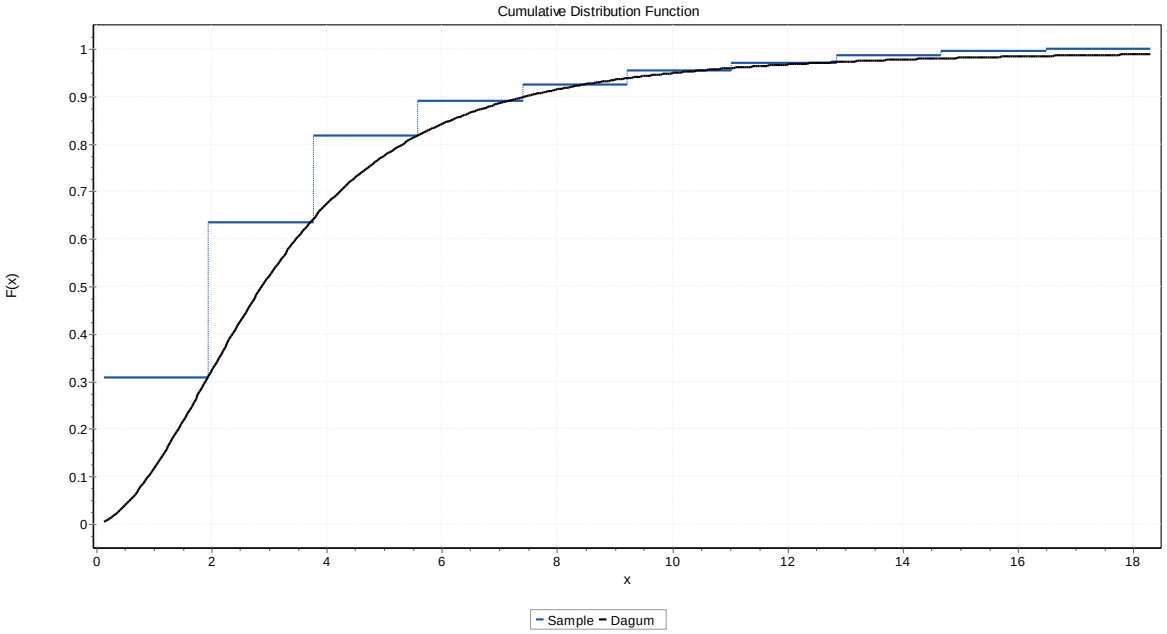


Figure 5. 66 Cumulative Distribution Function-HV-MC



v. Leader follower pair -HV-TW

Figure 5. 67 Probability Density Function-HV-TW

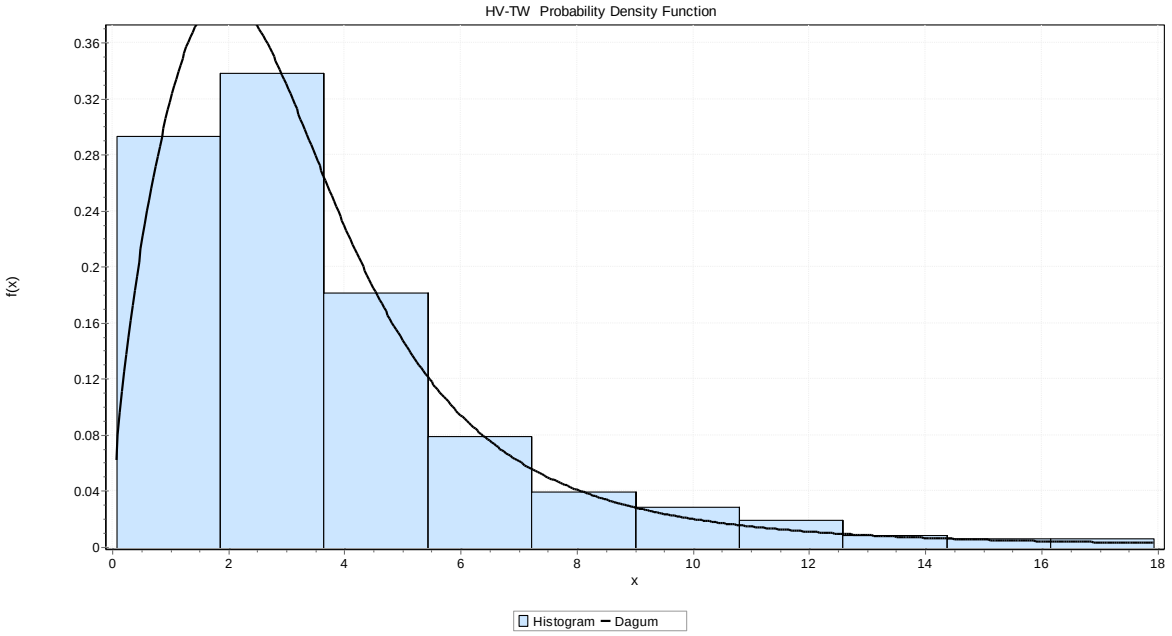
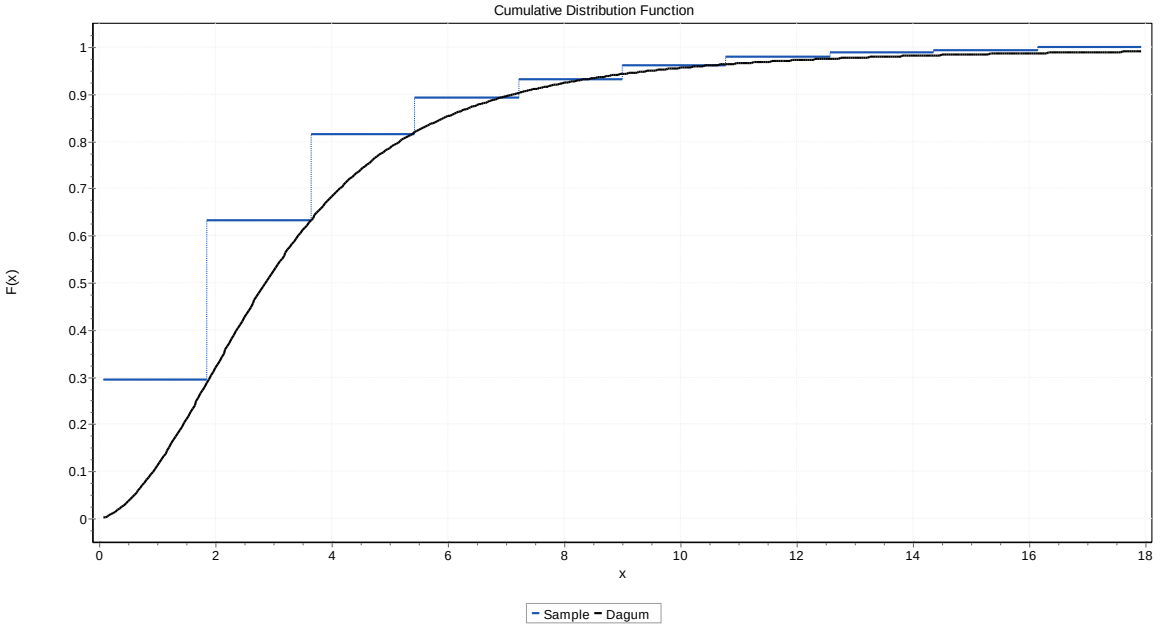


Figure 5. 68 Cumulative Distribution Function-HV-TW



w. Leader follower pair -HV-CAR

Figure 5. 69 Probability Density Function – HV-CAR

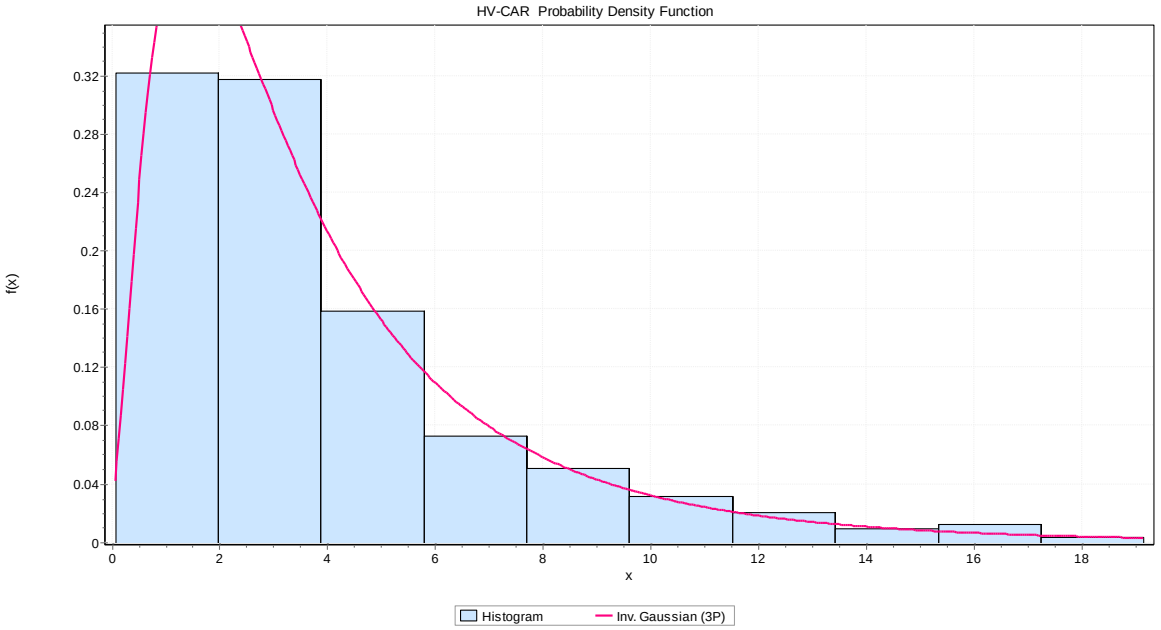
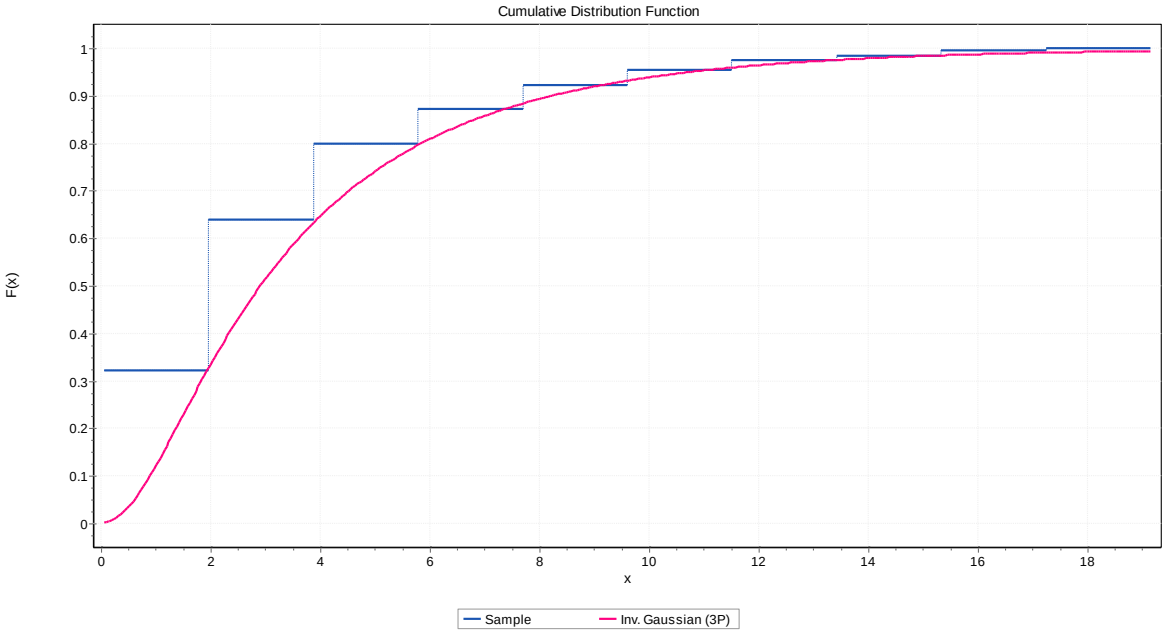


Figure 5. 70 Cumulative Distribution Function-HV-CAR



x. Leader follower pair -HV-COM

Figure 5. 71 Probability Density Function-HV-COM

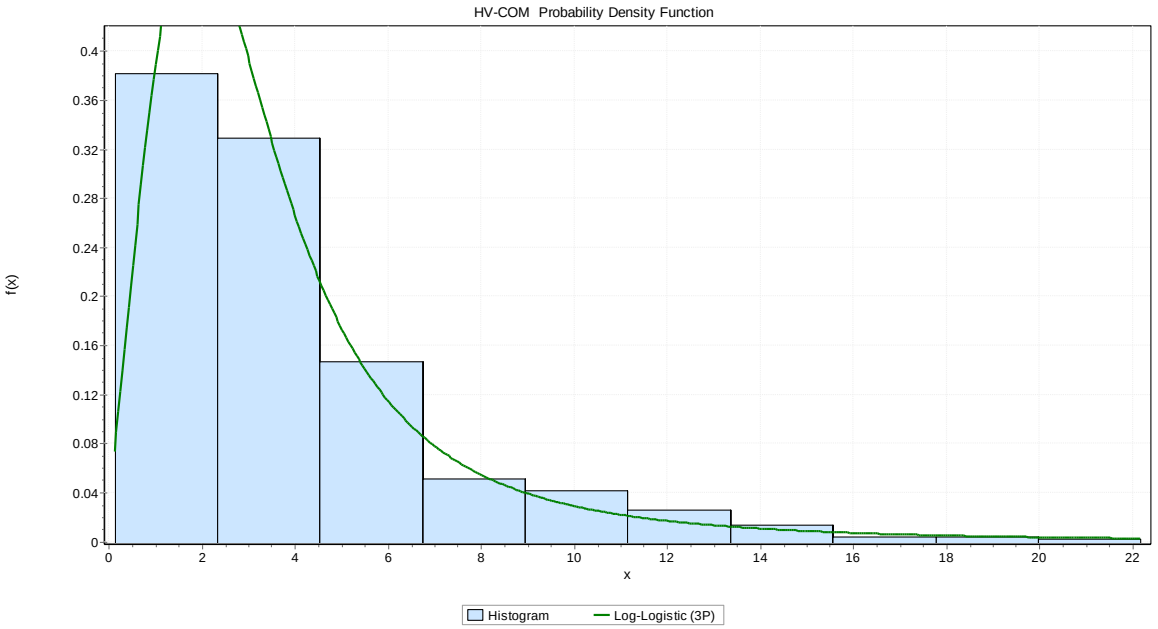
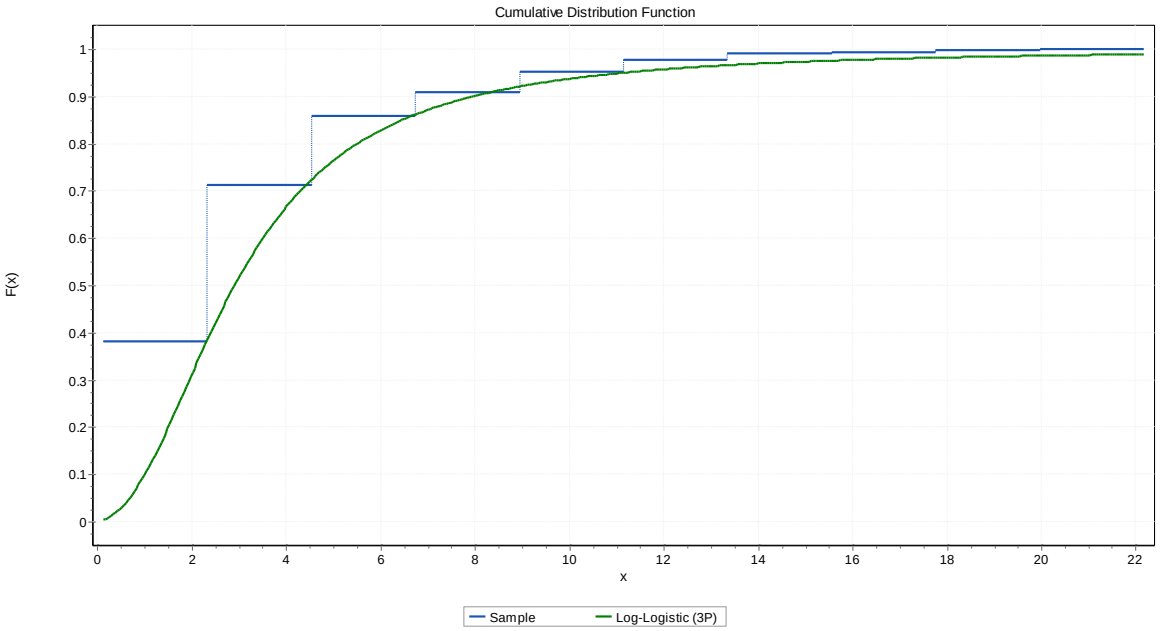


Figure 5. 72 Cumulative Distribution Function-HV-COM



y. Leader follower pair -HV-HV

Figure 5. 73 Probability Density Function-HV-HV

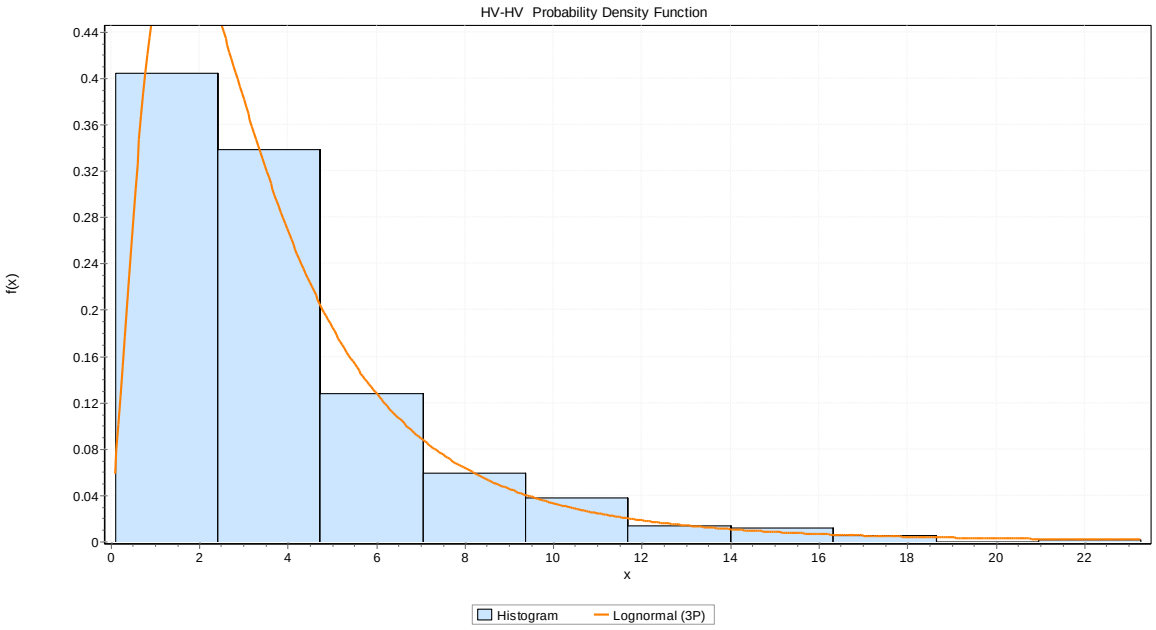
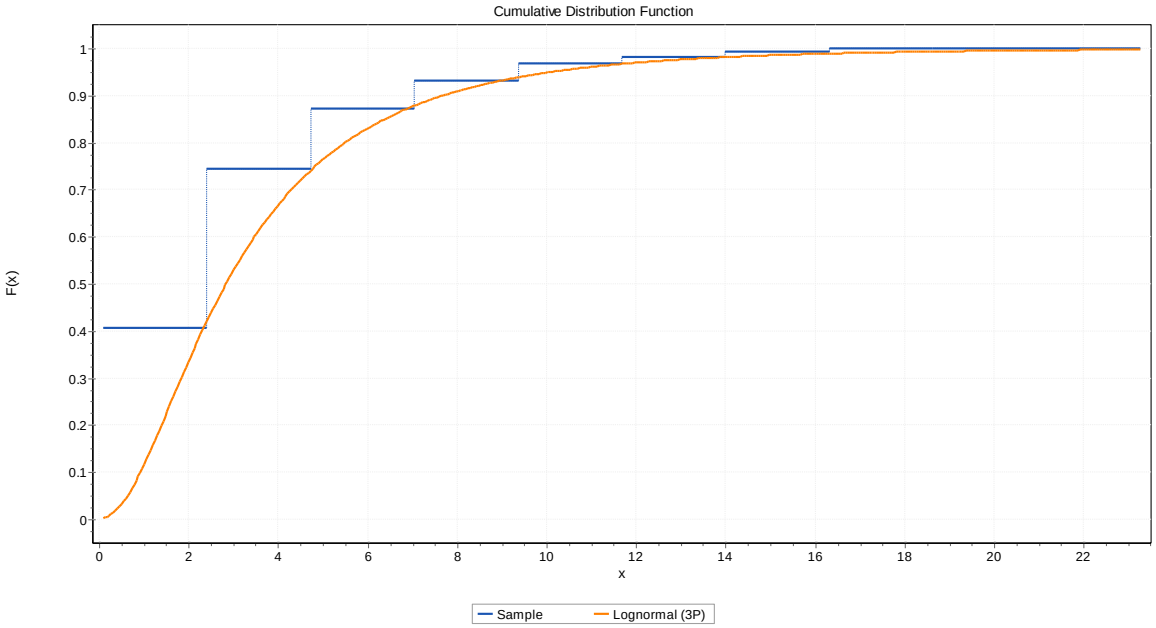


Figure 5. 74 Cumulative Distribution Function-HV-HV



5.3.3. Goodness of Fit Test Statics

a. Leader follower pair - MC-MC

Table 5.36 Goodness of Fit test statistics – MC-MC

Goodness of Fit - Details					
Log-Logistic (3P) [#36]					
Kolmogorov-Smirnov					
Sample Size					815
Statistic					0.01757
P-Value					0.9592
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03759	0.04284	0.04757	0.05317	0.05706
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					815
Statistic					0.6322
Rank					5
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					4.9684
P-Value					0.83705
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

b. Leader follower pair - MC-TW

Table 5.37 Goodness of Fit test statistics – MC-TW

Goodness of Fit - Details					
Dagum [#8]					
Kolmogorov-Smirnov					
Sample Size					855
Statistic					0.02387
P-Value					0.7055
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.0367	0.04183	0.04644	0.05191	0.05571
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					855

Statistic					2.6448
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	Yes	Yes	Yes	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					11.605
P-Value					0.23648
Rank					2
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

c. Leader follower pair - MC-CAR

Table 5.38 Goodness of Fit test statistics – MC-CAR

Goodness of Fit - Details					
Dagum (4P) [#8]					
Kolmogorov-Smirnov					
Sample Size					834
Statistic					0.01466
P-Value					0.99287
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03715	0.04235	0.04702	0.05256	0.05641
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					834
Statistic					0.3209
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					2.8796
P-Value					0.96888
Rank					2
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

d. Leader follower pair - MC-COM

Table 5.39 Goodness of Fit test statistics – MC-COM

Goodness of Fit - Details					
Pearson 6 (4P) [#47]					
Kolmogorov-Smirnov					
Sample Size					790
Statistic					0.01469
P-Value					0.99475
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03818	0.04351	0.04832	0.05401	0.05796
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					790
Statistic					0.24743
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					2.6938
P-Value					0.97521
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

e. Leader follower pair - MC-HV

Table 5.40 Goodness of Fit test statistics – MC-HV

Goodness of Fit - Details					
Lognormal [#39]					
Kolmogorov-Smirnov					
Sample Size					811
Statistic					0.01896
P-Value					0.92699
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03768	0.04295	0.04769	0.0533	0.0572
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					811
Statistic					0.46023

Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					6.7096
P-Value					0.66733
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

f. Leader follower pair - TW-MC

Table 5.41 Goodness of Fit test statistics – TW-MC

Goodness of Fit - Details					
Pearson 6 [#45]					
Kolmogorov-Smirnov					
Sample Size					824
Statistic					0.02006
P-Value					0.88762
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03738	0.04261	0.04731	0.05288	0.05675
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					824
Statistic					2.4032
Rank					4
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	Yes	Yes	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					5.4582
P-Value					0.79268
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

g. Leader follower pair - TW-TW

Table 5.42 Goodness of Fit test statistics – TW-TW

Goodness of Fit - Details					
Burr [#2]					
Kolmogorov-Smirnov					
Sample Size					809
Statistic					0.0211
P-Value					0.85654
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03772	0.043	0.04774	0.05337	0.05727
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					809
Statistic					2.425
Rank					5
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	Yes	Yes	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					6.0733
P-Value					0.73256
Rank					5
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

h. Leader follower pair - TW-CAR

Table 5.43 Goodness of Fit test statistics – TW-CAR

Goodness of Fit - Details					
Lognormal (3P) [#40]					
Kolmogorov-Smirnov					
Sample Size					867
Statistic					0.01364
P-Value					0.99639
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03644	0.04154	0.04612	0.05155	0.05532
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					867
Statistic					0.21202

Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					2.0515
P-Value					0.99063
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

i. Leader follower pair - TW-COM

Table 5.44 Goodness of Fit test statistics – TW-COM

Goodness of Fit - Details					
Log-Logistic (3P) [#36]					
Kolmogorov-Smirnov					
Sample Size					853
Statistic					0.01725
P-Value					0.9576
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03674	0.04187	0.0465	0.05198	0.05578
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					853
Statistic					0.52703
Rank					6
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					5.7722
P-Value					0.76248
Rank					2
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

j. Leader follower pair - TW-HV

Table 5.45 Goodness of Fit test statistics – TW-HV

Goodness of Fit - Details					
Pearson 6 (4P) [#47]					
Kolmogorov-Smirnov					
Sample Size					834
Statistic					0.0186
P-Value					0.92979
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03715	0.04235	0.04702	0.05256	0.05641
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					834
Statistic					0.25035
Rank					2
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					6.3386
P-Value					0.70561
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

k. Leader follower pair - CAR-MC

Table 5.46 Goodness of Fit test statistics – CAR-MC

Goodness of Fit - Details					
Lognormal (3P) [#40]					
Kolmogorov-Smirnov					
Sample Size					848
Statistic					0.01589
P-Value					0.98076
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03685	0.042	0.04663	0.05213	0.05594
Reject?	No	No	No	No	No
Anderson-Darling					

Sample Size					848
Statistic					0.2663
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					4.6743
P-Value					0.86173
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

l. Leader follower pair - CAR-TW

Table 5.47 Goodness of Fit test statistics – CAR-TW

Goodness of Fit - Details					
Dagum [#7]					
Kolmogorov-Smirnov					
Sample Size					834
Statistic					0.01513
P-Value					0.98963
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03715	0.04235	0.04702	0.05256	0.05641
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					834
Statistic					0.43527
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					4.5315
P-Value					0.87309
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

m. Leader follower pair - CAR-CAR

Table 5.48 Goodness of Fit test statistics – CAR-CAR

Goodness of Fit - Details					
Pearson 6 [#46]					
Kolmogorov-Smirnov					
Sample Size					854
Statistic					0.01927
P-Value					0.90292
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03672	0.04185	0.04647	0.05194	0.05574
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					854
Statistic					0.40851
Rank					5
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					13.011
P-Value					0.16211
Rank					13
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	Yes	No	No	No	No

n. Leader follower pair - CAR-COM

Table 5.49 Goodness of Fit test statistics – CAR-COM

Goodness of Fit - Details					
Fatigue Life (3P) [#16]					
Kolmogorov-Smirnov					
Sample Size					820
Statistic					0.02305
P-Value					0.76742
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03747	0.04271	0.04742	0.05301	0.05689
Reject?	No	No	No	No	No

Anderson-Darling					
Sample Size					820
Statistic					0.70821
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					11.107
P-Value					0.26846
Rank					11
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

o. Leader follower pair - CAR-HV

Table 5.50 Goodness of Fit test statistics – CAR-HV

Goodness of Fit - Details					
Pearson 5 (3P) [#45]					
Kolmogorov-Smirnov					
Sample Size					843
Statistic					0.01977
P-Value					0.89016
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03696	0.04212	0.04677	0.05228	0.05611
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					843
Statistic					0.72487
Rank					4
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					11.714
P-Value					0.22994
Rank					9
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

p. Leader follower pair - COM-MC

Table 5.51 Goodness of Fit test statistics – COM-MC

Lognormal (3P) [#40]					
Kolmogorov-Smirnov					
Sample Size					788
Statistic					0.01573
P-Value					0.98824
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03822	0.04357	0.04838	0.05408	0.05803
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					788
Statistic					0.30245
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					4.7403
P-Value					0.85634
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

q. Leader follower pair - COM-TW

Table 5.52 Goodness of Fit test statistics – COM-TW

Goodness of Fit - Details					
Fatigue Life (3P) [#16]					
Kolmogorov-Smirnov					
Sample Size					816
Statistic					0.01643
P-Value					0.97778
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03756	0.04281	0.04754	0.05314	0.05703
Reject?	No	No	No	No	No

Anderson-Darling					
Sample Size					816
Statistic					0.23054
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					6.4458
P-Value					0.69461
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

r. Leader follower pair - COM-CAR

Table 5.53 Goodness of Fit test statistics – COM-CAR

Goodness of Fit - Details					
Lognormal (3P) [#40]					
Kolmogorov-Smirnov					
Sample Size					844
Statistic					0.01907
P-Value					0.91293
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03693	0.0421	0.04674	0.05225	0.05607
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					844
Statistic					0.46772
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					8.4348
P-Value					0.49099
Rank					7
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

s. Leader follower pair - COM-COM

Table 5.54 Goodness of Fit test statistics – COM-COM

Goodness of Fit - Details					
Log-Logistic (3P) [#36]					
Kolmogorov-Smirnov					
Sample Size					832
Statistic					0.02198
P-Value					0.80797
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.0372	0.0424	0.04708	0.05263	0.05648
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					832
Statistic					0.72219
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					15.898
P-Value					0.06905
Rank					7
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	Yes	Yes	No	No	No

t. Leader follower pair - COM-HV

Table 5.55 Goodness of Fit test statistics – COM-HV

Goodness of Fit - Details					
Log-Logistic (3P) [#36]					
Kolmogorov-Smirnov					
Sample Size					809
Statistic					0.02095
P-Value					0.86231
Rank					1
□	0.2	0.1	0.05	0.02	0.01

Critical Value	0.03772	0.043	0.04774	0.05337	0.05727
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					809
Statistic					0.77128
Rank					10
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					11.647
P-Value					0.23395
Rank					4
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

u. Leader follower pair - HV-MC

Table 5.56 Goodness of Fit test statistics – HV-MC

Goodness of Fit - Details					
Dagum [#7]					
Kolmogorov-Smirnov					
Sample Size					872
Statistic					0.01565
P-Value					0.98096
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03634	0.04142	0.04599	0.05141	0.05516
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					872
Statistic					0.44301
Rank					3
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					5.3102
P-Value					0.80647
Rank					2
□	0.2	0.1	0.05	0.02	0.01

Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

v. Leader follower pair - HV-TW

Table 5.57 Goodness of Fit test statistics – HV-TW

Goodness of Fit - Details					
Dagum [#7]					
Kolmogorov-Smirnov					
Sample Size					838
Statistic					0.01668
P-Value					0.9709
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03707	0.04225	0.04691	0.05244	0.05627
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					838
Statistic					0.43188
Rank					4
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					4.6556
P-Value					0.86324
Rank					2
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

w. Leader follower pair - HV-CAR

Table 5.58 Goodness of Fit test statistics – HV-CAR

Goodness of Fit - Details					
Inv. Gaussian (3P) [#29]					
Kolmogorov-Smirnov					
Sample Size					825
Statistic					0.01415
P-Value					0.99574
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03736	0.04258	0.04728	0.05285	0.05671

Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					825
Statistic					0.27915
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					4.2227
P-Value					0.89615
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

x. Leader follower pair - HV-COM

Table 5.59 Goodness of Fit test statistics – HV-COM

Goodness of Fit - Details					
Log-Logistic (3P) [#36]					
Kolmogorov-Smirnov					
Sample Size					819
Statistic					0.01831
P-Value					0.94169
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03749	0.04274	0.04745	0.05304	0.05692
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					819
Statistic					0.54181
Rank					6
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					2.9866
P-Value					0.96482
Rank					2
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666

Reject?	No	No	No	No	No

y. Leader follower pair - HV-HV

Table 5.60 Goodness of Fit test statistics – HV-HV

Goodness of Fit - Details					
Lognormal (3P) [#40]					
Kolmogorov-Smirnov					
Sample Size					829
Statistic					0.01589
P-Value					0.98278
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	0.03727	0.04248	0.04717	0.05272	0.05658
Reject?	No	No	No	No	No
Anderson-Darling					
Sample Size					829
Statistic					0.2852
Rank					1
□	0.2	0.1	0.05	0.02	0.01
Critical Value	1.3749	1.9286	2.5018	3.2892	3.9074
Reject?	No	No	No	No	No
Chi-Squared					
Deg. of freedom					9
Statistic					8.9231
P-Value					0.44441
Rank					5
□	0.2	0.1	0.05	0.02	0.01
Critical Value	12.242	14.684	16.919	19.679	21.666
Reject?	No	No	No	No	No

5.3.4. Summary of Goodness of Fit Test Results

Table 5.61 Summary of Pairwise Goodness of Fit test statistics

Pair wise	Goodness of Fit Test								
	Kolmogorov Smirnov			Anderson Darling			Chi-Squared		
	Distribution	Statistic	Rank	Distribution	Statistic	Rank	Distribution	Statistic	Rank
MC-MC	Log-Logistic (3P)	0.01757	1	Dagum	0.57507	1	Log-Logistic (3P)	4.9684	1
MC-TW	Dagum	0.02387	1	Gen. Extreme Value	1.2547	1	Dagum	11.605	1
MC-CAR	Dagum (4P)	0.01466	1	Burr	0.29988	1	Dagum	2.3985	1
MC-COM	Pearson 6 (4P)	0.01469	1	Pearson 6 (4P)	0.24743	1	Pearson 6 (4P)	2.6938	1
MC-HV	Lognormal	0.01896	1	Lognormal	0.46023	1	Dagum	5.4515	1
TW-MC	Pearson 6	0.02006	1	Gen. Extreme Value	0.83489	1	Burr	3.2533	1
TW-TW	Burr	0.0211	1	Gen. Extreme Value	0.65937	1	Gen. Extreme Value	2.6868	1
TW-CAR	Lognormal (3P)	0.01364	1	Lognormal (3P)	0.21202	1	Lognormal (3P)	2.0515	1
TW-COM	Log-Logistic (3P)	0.01725	1	Dagum	0.44208	1	Frechet (3P)	5.7132	1
TW-HV	Pearson 6 (4P)	0.0186	1	Lognormal (3P)	0.22957	1	Pearson 6 (4P)	6.3386	1
CAR-MC	Lognormal (3P)	0.01589	1	Lognormal (3P)	0.2663	1	Lognormal (3P)	4.674	1
CAR-TW	Dagum	0.01513	1	Frechet (3P)	0.4292	1	Log-Logistic	2.990	1
CAR-CAR	Pearson 6	0.01927	1	Inv. Gaussian (3P)	0.35066	1	Johnson SB	6.1679	1
CAR-COM	Fatigue Life (3P)	0.02305	1	Lognormal (3P)	0.65397	1	Dagum	7.2752	1
CAR-HV	Pearson 5 (3P)	0.01977	1	Dagum	0.57273	1	Dagum	5.6734	1
COM-MC	Lognormal (3P)	0.01573	1	Burr	0.28298	1	Inv. Gaussian (3P)	4.342	1
COM-TW	Fatigue Life (3P)	0.01643	1	Fatigue Life (3P)	0.23054	1	Inv. Gaussian (3P)	5.2269	1
COM-CAR	Lognormal (3P)	0.01907	1	Lognormal (3P)	0.46772	1	Dagum	4.9098	1
COM COM	Log-Logistic (3P)	0.02198	1	Lognormal (3P)	0.70572	1	Log-Logistic	10.673	1
COM-HV	Log-Logistic (3P)	0.02095	1	Lognormal (3P)	0.46703	1	Log-Logistic	8.242	1
HV-MC	Dagum	0.01565	1	Dagum (4P)	0.31057	1	Dagum (4P)	4.889	1
HV-TW	Dagum	0.01668	1	Dagum (4P)	0.35079	1	Dagum (4P)	3.3606	1
HV-CAR	Inv. Gaussian (3P)	0.01415	1	Inv. Gaussian (3P)	0.27915	1	Inv. Gaussian (3P)	4.2227	1
HV-COM	Log-Logistic (3P)	0.01831	1	Dagum	0.39179	1	Frechet (3P)	2.5056	1

HV-HV	Lognormal (3P)	0.01589	1	Lognormal (3P)	0.2852	1	Log-Logistic	5.4937	1

The study explores the goodness-of-fit of different candidate distributions, such as Log-Logistic, Dagum, Lognormal, Pearson, Burr, General Extreme Value, Fatigue Life, Inv. Gaussian, Johnson SB, and Frechet, through the utilization of three statistical tests: Kolmogorov-Smirnov, Anderson-Darling, and Chi-Squared. The results indicate that the most suitable distribution fit for headway data varies among different leader-follower pairs, as evidenced by the rankings of these distributions based on the test statistics. These findings underscore the importance of tailoring headway distribution models to specific traffic conditions and relationships between vehicles, providing valuable insights for traffic management, safety analysis, and infrastructure planning. This research contributes to the understanding of headway behavior in diverse traffic scenarios, offering practical implications for transportation engineering and management.

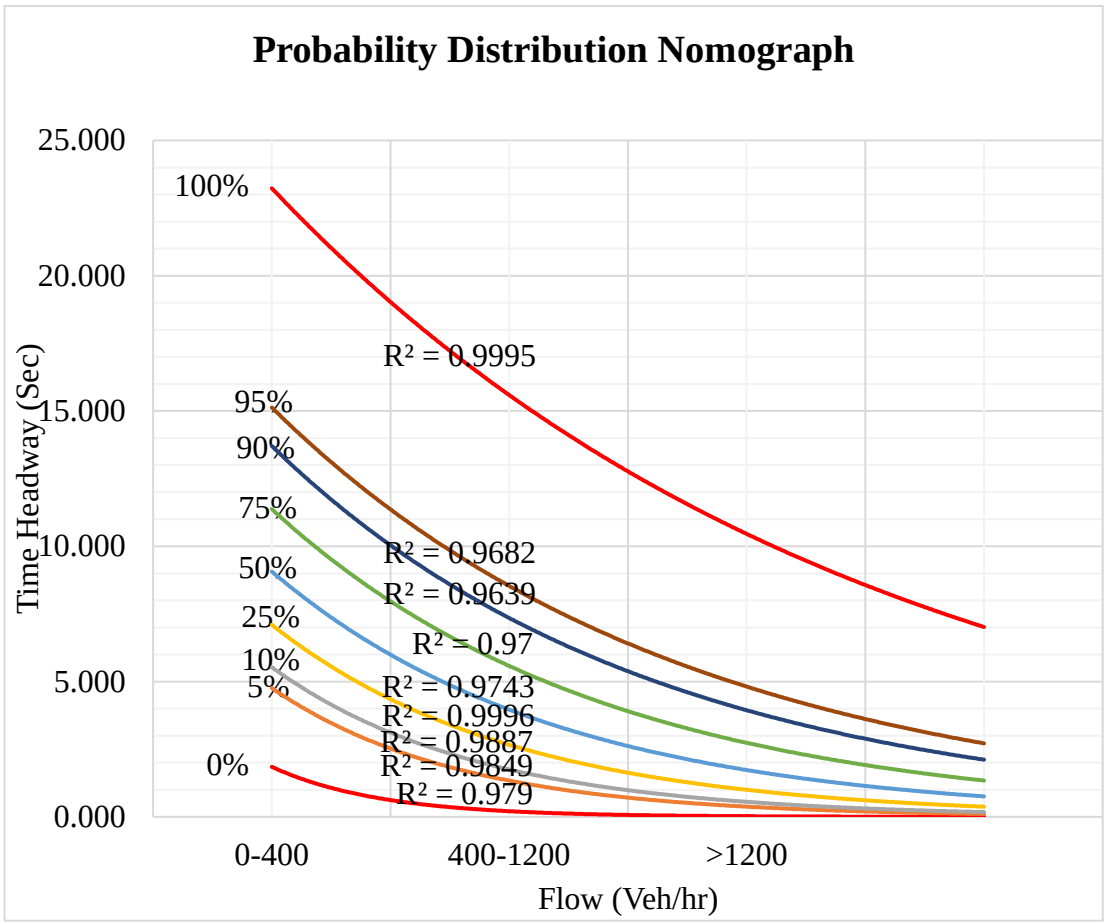
6. CHAPTER
CONCLUSION

In this comprehensive research dissertation, the characterization of time headway distributions amid varied traffic conditions within urban road settings in the Sri Lankan context has been thoroughly explored. The intricate interplay of various vehicle types, traffic flow ranges, and road sections on time headways was aimed to be understood, and suitable distribution models were sought while their statistical validity was rigorously assessed. Key aspects of time headway behavior in Sri Lanka's urban traffic context were illuminated by the research findings, with significant implications for traffic management, safety analysis, and infrastructure planning in the country. The coexistence of diverse vehicle types, each characterized by unique physical attributes, axle configurations, weight distributions, power ratios, and driving behaviors, was observed to present a distinctive challenge for traffic analysis. Categorizing the data into three flow ranges—below 400 veh/hr., 400 to 1200 veh/hr., and above 1200 veh/hr.—enabled an understanding of the nuances of time headway behavior under varying traffic intensities. The research process included the identification of distribution models that best describe time headway data in different traffic flow ranges, with the "General Extreme Value" distribution emerging as a robust choice for flow rates below 400 veh/hr., the Gen. Gamma (4P) distribution proving most suitable for flow rates between 400 and 1200 veh/hr., and the Gen. Gamma distribution remaining a reliable representation for flow rates above 1200 veh/hr. Moreover, the examination of leader-follower pairs across various vehicle classes—Motorcycles (MC), Three Wheelers (TW), Cars (CAR), Utilities (COM), and Buses/Trucks (HV)—revealed varying degrees of variability, skewness, and kurtosis, emphasizing the influence of vehicle-specific characteristics and contexts on leader-follower relationships and underscoring the need for tailored approaches to traffic management and safety analysis.

The development of a nomograph, based on the analysis of cumulative probabilities for time headway within predefined flow ranges, represents a robust tool for comprehensively modeling traffic in urban heterogeneous conditions. Through meticulous examination of headway data across selected flow rate ranges, the nomograph unveils crucial trends in traffic flow dynamics, particularly as time headway values converge toward lower intervals, simulating congested flow scenarios associated with increasing traffic volume. By quantifying the probability of headway being less than a specified time threshold ($p(h<t)$) across various flow ranges, the nomograph provides a nuanced understanding of traffic dynamics. This knowledge is instrumental in optimizing traffic flow, alleviating congestion, and implementing targeted traffic calming and congestion-reducing techniques in urban environments. The nomograph's unique capability to predict the cumulative probability of time headway falling below a specified threshold further enhances its utility in improving overall urban mobility. The research findings hold significant promise for informing

urban planners, transportation engineers, and policymakers in devising strategies that foster efficient traffic management and enhance the overall functionality of urban transportation systems.

Figure 6.1 Probability Distribution nomograph



The insights derived from this research are expected to have practical implications for Sri Lanka's transportation engineering and management, as distribution models tailored to specific traffic conditions and vehicle relationships can lead to more accurate traffic flow predictions, improved safety measures, and enhanced infrastructure planning.

The implications of research findings in the context of Sri Lanka's urban traffic are manifold. Here are the key practical applications:

Traffic Flow Optimization: The identified distribution models, particularly the "General Extreme Value" distribution for flow rates below 400 veh/hr., Gen. Gamma (4P) for flow rates between 400 and 1200 veh/hr., and Gen. Gamma for flow rates above 1200 veh/hr., can be directly applied to optimize traffic flow. Understanding the nuances of time headway behavior under varying traffic intensities allows for tailored strategies to enhance overall traffic flow and efficiency, especially during peak hours.

Tailored strategies to enhance traffic flow, based on the identified distribution models for different flow rates, involve a combination of traffic management techniques, infrastructure improvements, and technological interventions. Here are some proposed strategies:

Dynamic Traffic Signal Timing:
Headway distribution modeling and traffic flow simulation can assist in determining optimal signal timings. By simulating traffic flow under various flow ranges, the models can identify patterns of headway variations. This information is crucial for dynamically adjusting signal timings to accommodate these variations, reducing waiting times and improving the overall efficiency of signal-controlled intersections.

Variable Speed Limits:
Headway distribution modeling helps in understanding the variability in time headways under different flow conditions. Simulation of traffic flow enables the identification of optimal variable speed limits that align with these variations. By incorporating these insights, authorities can set variable speed limits that promote smoother traffic flow and reduce the likelihood of congestion.

Lane Management Policies:
Simulation of traffic flow under different flow ranges allows for the assessment of lane utilization patterns. Headway distribution modeling aids in understanding how vehicles distribute themselves across lanes. This information is valuable for tailoring lane management policies, such as dynamically adjusting lane configurations during peak flow periods to optimize overall traffic flow.

Intelligent Transportation Systems (ITS):
Headway distribution modeling and traffic flow simulation provide a foundation for developing predictive models within ITS. These systems can use real-time data on headway variations to anticipate traffic conditions and optimize signal timings. Simulation also helps in testing and refining ITS strategies before implementation, ensuring effective real-world application.

Public Transport Priority Lanes:
Simulation of traffic flow, considering different vehicle pairs and flow ranges, helps identify the impact of public transport vehicles on overall traffic dynamics. Headway distribution modeling assists in understanding the optimal allocation of priority lanes to public transport, ensuring that these lanes contribute to smoother traffic flow without causing disruptions.

Intersection Improvements:
Headway distribution modeling and simulation enable the assessment of intersection performance under various conditions. This information is essential for designing improvements, such as dedicated turn lanes or signal coordination adjustments. By

considering headway variations, planners can implement intersection enhancements that address specific traffic flow challenges.

Traffic Calming Measures:
Simulation of traffic flow, incorporating headway distribution modeling, assists in evaluating the effectiveness of traffic calming measures. By understanding how these measures impact headway variations, authorities can implement interventions such as speed humps and roundabouts strategically to regulate traffic speed and improve overall flow.

Dynamic Rerouting Information:
Headway distribution modeling helps in identifying congested routes and understanding the impact of rerouting on overall traffic flow. Traffic flow simulation allows for testing different rerouting strategies based on headway variations, helping authorities provide dynamic rerouting information to drivers and optimize traffic distribution across alternative routes.

Enhanced Public Awareness:
Headway distribution modeling and traffic flow simulation provide insights into the relationship between driving behavior and traffic flow. This information can inform public awareness campaigns by illustrating how smooth driving habits, consistent speeds, and lane discipline contribute to improved headway distributions and overall traffic flow.

Collaboration with Navigation Apps:
Headway distribution modeling and simulation can contribute real-time data to navigation apps. By integrating these insights, navigation apps can provide drivers with suggested routes that consider current headway variations and flow conditions, contributing to more informed decision-making and optimized traffic distribution.
Safety Measures: The research highlights potential safety hazards associated with leader-follower dynamics among different vehicle classes. This information can guide safety interventions, including road design improvements, the installation of traffic calming measures, and enhanced enforcement to reduce accidents and improve overall road safety.
In summary, headway distribution modeling and traffic flow simulation play a crucial role in the implementation of strategies to optimize traffic flow. These tools provide valuable insights into the dynamics of headway variations, allowing for the development of tailored and effective interventions that enhance overall traffic efficiency and reduce congestion.

Public Transport Planning: The optimization of public transport planning is significantly enhanced through the application of headway distribution modeling and traffic flow simulation. These methodologies provide valuable insights into the variability of headway values across different flow rates and vehicle types, offering a

nuanced understanding of traffic dynamics. By leveraging these tools, transportation authorities can fine-tune bus and transit schedules, implementing dynamic adjustments in response to real-time traffic conditions. The development of real-time passenger information systems becomes more accurate, reducing uncertainty for passengers by predicting bus arrival times based on observed headway variations. Efficient resource allocation, seamless connectivity, and adaptive route planning are facilitated, ensuring public transport services can dynamically respond to changing demand and traffic scenarios. Additionally, the evaluation of infrastructure upgrades, such as dedicated bus lanes, benefits from simulation, allowing authorities to gauge their impact on headways and overall traffic flow. In summary, headway distribution modeling and traffic flow simulation play a pivotal role in shaping more reliable, responsive, and passenger-centric public transport systems.

Infrastructure Development: In the realm of infrastructure development for urban traffic in Sri Lanka, the research findings, enriched by headway distribution modeling and traffic flow simulation, offer pivotal insights guiding future investments and policy decisions. Simulation of traffic flow, considering different flow ranges and vehicle pairs, aids in evaluating the capacity of existing roads. This information is valuable for determining the need for road expansions or identifying areas where additional lanes could improve overall traffic flow. Headway distribution modeling contributes to a holistic understanding of traffic dynamics, informing decisions on road capacity improvements. Headway distribution modeling is instrumental in identifying safety hazards and assessing the effectiveness of safety infrastructure. Simulation of traffic flow helps evaluate the impact of safety measures, such as traffic calming devices or improved signage, on headway variations. This ensures that safety infrastructure aligns with the observed traffic behavior in Sri Lanka.

Emergency Response: n emergency situations, particularly during natural disasters, the integration of headway distribution modeling and traffic flow simulation becomes indispensable for effective evacuations and traffic management. Simulation of traffic flow under various flow ranges and vehicle pairs allows authorities to anticipate and model evacuation scenarios, taking into account the unique challenges posed by the emergency situation. authorities can identify optimal evacuation routes. Headway distribution modeling contributes to understanding how traffic behavior may vary, helping in the selection of routes that minimize congestion and facilitate swift evacuations.

Policy Development: The research findings inform policy decisions related to traffic management, road infrastructure investments, and safety regulations. For instance, the data can help determine appropriate speed limits and lane management policies, ensuring that policies are grounded in the observed characteristics of urban traffic in Sri Lanka.

Future research directions may involve further refinement of distribution parameters and a deeper exploration of the factors contributing to variability in leader-follower dynamics, aiming to enhance the accuracy of traffic models and safety strategies. In sum, this research dissertation advances the understanding of headway distribution patterns on urban roads amid diverse traffic conditions in the Sri Lankan context, providing a valuable foundation for informed decision-making in traffic management and infrastructure development, ultimately contributing to the realization of safer, more efficient, and more sustainable urban transportation systems in Sri Lanka and similar urban environments worldwide.

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APPENDIX - 1:

ANNEX - 1 - Time Headway Data 0-400 Veh/hr Flow Range

Road Name	A4 - Road	Vehicle summary	
From	Kottawa	MC	17
To	Colombo	TW	13
Side	RHS	CAR	14
Lane	Inner	COM	15
Video name		HV	21
Time started	7:00 AM	SUM	80
Time finished	7:15 AM		
Traffic count (15Min)	80	Veh	
Traffic flow rate	320	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	13.56	
HV	13.56	8.76	MC-HV
HV	22.32	7.89	HV-HV
HV	30.21	11.19	HV-HV
HV	41.4	9.25	HV-HV
MC	50.65	8.06	HV-MC
COM	58.71	8.19	MC-COM
CAR	66.9	15.87	COM-CAR
TW	82.77	17.91	CAR-TW
HV	100.68	9.25	TW-HV
HV	109.93	18.15	HV-HV
TW	128.08	10.77	HV-TW
TW	138.85	14.71	TW-TW
COM	153.56	8.06	TW-COM
TW	161.62	10.37	COM-TW
MC	171.99	8.41	TW-MC
HV	180.4	6.83	MC-HV
HV	187.23	9.72	HV-HV
MC	196.95	12.99	HV-MC
CAR	209.94	9.49	MC-CAR
COM	219.43	9.44	CAR-COM
MC	228.87	9.78	COM-MC
MC	238.65	11.71	MC-MC
CAR	250.36	13.54	MC-CAR
HV	263.9	13.7	CAR-HV
HV	277.6	6.87	HV-HV
HV	284.47	17.19	HV-HV
MC	301.66	11.53	HV-MC
MC	313.19	10.8	MC-MC
TW	323.99	8.72	MC-TW
COM	332.71	11.45	TW-COM
HV	344.16	12.55	COM-HV
COM	356.71	14.02	HV-COM
COM	370.73	13.62	COM-COM
HV	384.35	8.52	COM-HV
HV	392.87	14.19	HV-HV
MC	407.06	12.95	HV-MC
CAR	420.01	7.3	MC-CAR
COM	427.31	9.71	CAR-COM
CAR	437.02	10.07	COM-CAR
COM	447.09	10.47	CAR-COM
COM	457.56	11.49	COM-COM
COM	469.05	8.86	COM-COM
CAR	477.91	12.14	COM-CAR
CAR	490.05	11.9	CAR-CAR
HV	501.95	13.95	CAR-HV
CAR	515.9	15.61	HV-CAR
MC	531.51	16.04	CAR-MC
MC	547.55	10.26	MC-MC
MC	557.81	6.2	MC-MC
HV	564.01	9.14	MC-HV
COM	573.15	9.68	HV-COM
TW	582.83	15	COM-TW
HV	597.83	14.7	TW-HV
CAR	612.53	13.05	HV-CAR
HV	625.58	5.82	CAR-HV
CAR	631.4	6.05	HV-CAR
MC	637.45	11.87	CAR-MC
HV	649.32	10.81	MC-HV
CAR	660.13	11.42	HV-CAR
HV	671.55	13.21	CAR-HV
MC	684.76	18.05	HV-MC
HV	702.81	7.22	MC-HV
CAR	710.03	19.15	HV-CAR
CAR	729.18	10.67	CAR-CAR
TW	739.85	10.63	CAR-TW
TW	750.48	14.87	TW-TW
MC	765.35	8.18	TW-MC
TW	773.53	11.33	MC-TW
MC	784.86	11.6	TW-MC
COM	796.46	17.69	MC-COM
TW	814.15	8.24	COM-TW
TW	822.39	9.04	TW-TW
CAR	831.43	8.22	TW-CAR
TW	839.65	9.29	CAR-TW
COM	848.94	15.35	TW-COM
MC	864.29	10.14	COM-MC
COM	874.43	17.25	MC-COM
TW	891.68	7.56	COM-TW
COM	899.24		TW-COM

Road Name	A4 - Road	Vehicle summary	
From	Kottawa	MC	9
To	Colombo	TW	19
Side	RHS	CAR	17
Lane	Inner	COM	22
Video name		HV	17
Time started	8:45 AM	SUM	84
Time finished	9:00 AM		
Traffic count (15Min)	84	Veh	
Traffic flow rate	336	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	8.69	
HV	8.69	11.45	CAR-HV
HV	20.14	13.25	HV-HV
HV	33.39	9.14	HV-HV
CAR	42.53	7.31	HV-CAR
HV	49.84	11.32	CAR-HV
CAR	61.16	11.62	HV-CAR
COM	72.78	14.27	CAR-COM
COM	87.05	15.19	COM-COM
TW	102.24	13.04	COM-TW
HV	115.28	8.94	TW-HV
TW	124.22	14.32	HV-TW
HV	138.54	10.36	TW-HV
COM	148.9	14.26	HV-COM
HV	163.16	8.77	COM-HV
MC	171.93	15.26	HV-MC
MC	187.19	9.92	MC-MC
TW	197.11	15.07	MC-TW
HV	212.18	6.19	TW-HV
CAR	218.37	16.92	HV-CAR
CAR	235.29	13.14	CAR-CAR
TW	248.43	13.66	CAR-TW
CAR	262.09	24.43	TW-CAR
HV	286.52	9.54	CAR-HV
COM	296.06	10.5	HV-COM
COM	306.56	8.54	COM-COM
COM	315.1	8.36	COM-COM
TW	323.46	9.8	COM-TW
HV	333.26	10.61	TW-HV
MC	343.87	10.54	HV-MC
TW	354.41	13.68	MC-TW
TW	368.09	13.17	TW-TW
COM	381.26	17.72	TW-COM
COM	398.98	13.28	COM-COM
MC	412.26	9.05	COM-MC
MC	421.31	10.64	MC-MC
CAR	431.95	11.56	MC-CAR
TW	443.51	7.39	CAR-TW
COM	450.9	14.59	TW-COM
TW	465.49	3.91	COM-TW
MC	469.4	10.87	TW-MC
CAR	480.27	4.64	MC-CAR
MC	484.91	11.79	CAR-MC
COM	496.7	14.36	MC-COM
TW	511.06	10.21	COM-TW
COM	521.27	18.92	TW-COM
HV	540.19	8.62	COM-HV
COM	548.81	9.06	HV-COM
COM	557.87	10.27	COM-COM
COM	568.14	8.01	COM-COM
CAR	576.15	13.48	COM-CAR
HV	589.63	14.8	CAR-HV
TW	604.43	8.82	HV-TW
COM	613.25	6.78	TW-COM
CAR	620.03	8.61	COM-CAR
HV	628.64	4.21	CAR-HV
CAR	632.85	8.4	HV-CAR
CAR	641.25	14.64	CAR-CAR
TW	655.89	13.93	CAR-TW
COM	669.82	5.29	TW-COM
TW	675.11	3.42	COM-TW
MC	678.53	7.31	TW-MC
COM	685.84	7.87	MC-COM
CAR	693.71	7.95	COM-CAR
CAR	701.66	8.46	CAR-CAR
HV	710.12	9.11	CAR-HV
TW	719.23	8.37	HV-TW
MC	727.6	9.95	TW-MC
TW	737.55	10.37	MC-TW
TW	747.92	12.46	TW-TW
CAR	760.38	17.6	TW-CAR
CAR	777.98	12.02	CAR-CAR
COM	790	9.96	CAR-COM
COM	799.96	9.31	COM-COM
TW	809.27	16.09	COM-TW
HV	825.36	8.26	TW-HV
HV	833.62	7.52	HV-HV
TW	841.14	9.84	HV-TW
COM	850.98	13.48	TW-COM
CAR	864.46	5.16	COM-CAR
HV	869.62	9.09	CAR-HV
COM	878.71	6.98	HV-COM
TW	885.69	14.31	COM-TW
COM	900		TW-COM

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	15
To	Kotttawa	TW	15
Side	LHS	CAR	11
Lane	Inner	COM	25
Video name		HV	22
Time started	12:00 PM	SUM	88
Time finished	12:15 PM		
Traffic count (15Min)	88	Veh	
Traffic flow rate	352	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	6.19	
TW	6.19	9.64	MC-TW
TW	15.83	11.98	TW-TW
CAR	27.81	9.99	TW-CAR
TW	37.8	8.08	CAR-TW
COM	45.88	8.43	TW-COM
MC	54.31	11.38	COM-MC
HV	65.69	9.97	MC-HV
CAR	75.66	10.23	HV-CAR
TW	85.89	10.7	CAR-TW
CAR	96.59	12.42	TW-CAR
CAR	109.01	9.79	CAR-CAR
MC	118.8	6.4	CAR-MC
CAR	125.2	7.62	MC-CAR
HV	132.82	8.76	CAR-HV
TW	141.58	17.94	HV-TW
HV	159.52	10.81	TW-HV
HV	170.33	9.75	HV-HV
MC	180.08	7.71	HV-MC
MC	187.79	9.92	MC-MC
MC	197.71	9.01	MC-MC
TW	206.72	8.79	MC-TW
COM	215.51	12.64	TW-COM
COM	228.15	13.3	COM-COM
TW	241.45	8.88	COM-TW
HV	250.33	8.98	TW-HV
COM	259.31	12.53	HV-COM
HV	271.84	10.39	COM-HV
HV	282.23	7.69	HV-HV
HV	289.92	11.49	HV-HV
HV	301.41	11.58	HV-HV
COM	312.99	7.58	HV-COM
COM	320.57	12.48	COM-COM
TW	333.05	16.87	COM-TW
COM	349.92	9.49	TW-COM
COM	359.41	13.8	COM-COM
COM	373.21	13	COM-COM
COM	386.21	9.92	COM-COM
COM	396.13	7.55	COM-COM
CAR	403.68	8.95	COM-CAR
TW	412.63	13.36	CAR-TW
HV	425.99	10.89	TW-HV
COM	436.88	10.94	HV-COM
COM	447.82	8.95	COM-COM
HV	456.77	9.65	COM-HV
HV	466.42	7.46	HV-HV
HV	473.88	13.18	HV-HV
HV	487.06	6.36	HV-HV
MC	493.42	15.92	HV-MC
CAR	509.34	10.81	MC-CAR
MC	520.15	9.25	CAR-MC
COM	529.4	11.81	MC-COM
HV	541.21	9.39	COM-HV
CAR	550.6	8.36	HV-CAR
MC	558.96	9.29	CAR-MC
HV	568.25	9.21	MC-HV
COM	577.46	9.4	HV-COM
TW	586.86	12.05	COM-TW
MC	598.91	12.56	TW-MC
TW	611.47	8.54	MC-TW
HV	620.01	7.04	TW-HV
COM	627.05	6.42	HV-COM
CAR	633.47	9.1	COM-CAR
COM	642.57	12.47	CAR-COM
HV	655.04	21.21	COM-HV
MC	676.25	14.95	HV-MC
TW	691.2	10.39	MC-TW
COM	701.59	5.79	TW-COM
COM	707.38	11.65	COM-COM
MC	719.03	12.71	COM-MC
COM	731.74	11.04	MC-COM
HV	742.78	10.43	COM-HV
MC	753.21	13.68	HV-MC
COM	766.89	6.88	MC-COM
MC	773.77	14.59	COM-MC
HV	788.36	9.11	MC-HV
HV	797.47	17.46	HV-HV
COM	814.93	9.67	HV-COM
COM	824.6	11.87	COM-COM
HV	836.47	7.49	COM-HV
COM	843.96	6.15	HV-COM
TW	850.11	12.38	COM-TW
MC	862.49	10.14	TW-MC
CAR	872.63	6.37	MC-CAR
COM	879	11.34	CAR-COM
TW	890.34	7.53	COM-TW
TW	897.87	2.13	TW-TW
CAR	900		TW-CAR

ANNEX - 1 - Time Headway Data 0-400 Veh/hr Flow Range

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	18
To	Kotttawa	TW	16
Side	LHS	CAR	9
Lane	Inner	COM	19
Video name		HV	19
Time started	12:15 PM	SUM	81
Time finished	12:30 PM		
Traffic count (15Min)	81	Veh	
Traffic flow rate	324	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
TW	0	14.5	
CAR	14.5	14.96	TW-CAR
COM	29.46	11.76	CAR-COM
HV	41.22	7.75	COM-HV
MC	48.97	11.17	HV-MC
COM	60.14	12.4	MC-COM
MC	72.54	10.28	COM-MC
MC	82.82	13.35	MC-MC
TW	96.17	10.84	MC-TW
HV	107.01	10.41	TW-HV
TW	117.42	12.38	HV-TW
HV	129.8	21.09	TW-HV
TW	150.89	14.07	HV-TW
TW	164.96	18.64	TW-TW
COM	183.6	11.05	TW-COM
MC	194.65	13.17	COM-MC
HV	207.82	20.11	MC-HV
HV	227.93	11.26	HV-HV
TW	239.19	9.65	HV-TW
HV	248.84	7.87	TW-HV
TW	256.71	11.66	HV-TW
MC	268.37	15.78	TW-MC
COM	284.15	9.74	MC-COM
HV	293.89	13.82	COM-HV
TW	307.71	7.45	HV-TW
HV	315.16	7.1	TW-HV
CAR	322.26	8	HV-CAR
HV	330.26	11.26	CAR-HV
HV	341.52	9.07	HV-HV
COM	350.59	11.9	HV-COM
TW	362.49	13.58	COM-TW
CAR	376.07	15.13	TW-CAR
HV	391.2	8.31	CAR-HV
COM	399.51	15.64	HV-COM
MC	415.15	6.53	COM-MC
COM	421.68	14.37	MC-COM
COM	436.05	13.05	COM-COM
COM	449.1	9.25	COM-COM
COM	458.35	11.79	COM-COM
HV	470.14	12.91	COM-HV
TW	483.05	8	HV-TW
TW	491.05	12.73	TW-TW
TW	503.78	11.76	TW-TW
MC	515.54	7.2	TW-MC
CAR	522.74	8.42	MC-CAR
CAR	531.16	13.29	CAR-CAR
COM	544.45	6.93	CAR-COM
COM	551.38	9.42	COM-COM
TW	560.8	8.52	COM-TW
COM	569.32	11.83	TW-COM
TW	581.15	6.76	COM-TW
MC	587.91	18.18	TW-MC
MC	606.09	11.4	MC-MC
COM	617.49	16.45	MC-COM
MC	633.94	13.59	COM-MC
COM	647.53	9.01	MC-COM
MC	656.54	6.05	COM-MC
CAR	662.59	4.95	MC-CAR
COM	667.54	7.82	CAR-COM
TW	675.36	13.11	COM-TW
COM	688.47	7.41	TW-COM
CAR	695.88	8.48	COM-CAR
HV	704.36	17	CAR-HV
MC	721.36	11.54	HV-MC
HV	732.9	7.55	MC-HV
COM	740.45	11.46	HV-COM
MC	751.91	12.77	COM-MC
HV	764.68	15.27	MC-HV
MC	779.95	11.78	HV-MC
MC	791.73	11.31	MC-MC
CAR	803.04	6.57	MC-CAR
MC	809.61	18.18	CAR-MC
CAR	827.79	8.94	MC-CAR
HV	836.73	5.81	CAR-HV
HV	842.54	8.53	HV-HV
COM	851.07	8.91	HV-COM
HV	859.98	9.32	COM-HV
TW	869.3	6.99	HV-TW
MC	876.29	7.52	TW-MC
MC	883.81	10.04	MC-MC
HV	893.85		MC-HV

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	15
To	Kotttawa	TW	15
Side	LHS	CAR	10
Lane	Inner	COM	25
Video name		HV	22
Time started	12:45 PM	SUM	87
Time finished	1:00 PM		
Traffic count (15Min)	87	Veh	
Traffic flow rate	348	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	14.41	
TW	14.41	8.27	MC-TW
TW	22.68	10.7	TW-TW
CAR	33.38	9.58	TW-CAR
TW	42.96	5.69	CAR-TW
COM	48.65	8.66	TW-COM
MC	57.31	8.9	COM-MC
HV	66.21	7.54	MC-HV
CAR	73.75	17.36	HV-CAR
TW	91.11	9.32	CAR-TW
CAR	100.43	7.15	TW-CAR
CAR	107.58	8.95	CAR-CAR
MC	116.53	9.1	CAR-MC
CAR	125.63	7.75	MC-CAR
HV	133.38	10.82	CAR-HV
TW	144.2	8.59	HV-TW
HV	152.79	12.76	TW-HV
HV	165.55	10.75	HV-HV
MC	176.3	8.28	HV-MC
MC	184.58	11.14	MC-MC
MC	195.72	10.67	MC-MC
TW	206.39	13.76	MC-TW
COM	220.15	9.89	TW-COM
COM	230.04	16.5	COM-COM
TW	246.54	10.9	COM-TW
HV	257.44	16.16	TW-HV
COM	273.6	7.05	HV-COM
HV	280.65	9.62	COM-HV
HV	290.27	8.81	HV-HV
HV	299.08	12.63	HV-HV
HV	311.71	6.62	HV-HV
COM	318.33	10.33	HV-COM
COM	328.66	16.41	COM-COM
TW	345.07	7.9	COM-TW
COM	352.97	8.81	TW-COM
COM	361.78	8.78	COM-COM
COM	370.56	9.66	COM-COM
COM	380.22	9.66	COM-COM
COM	389.88	13.85	COM-COM
CAR	403.73	11.12	COM-CAR
TW	414.85	15.28	CAR-TW
HV	430.13	7.91	TW-HV
COM	438.04	5.66	HV-COM
COM	443.7	17.9	COM-COM
HV	461.6	9.08	COM-HV
HV	470.68	8.26	HV-HV
HV	478.94	8.8	HV-HV
HV	487.74	11.3	HV-HV
MC	499.04	8.63	HV-MC
CAR	507.67	10.98	MC-CAR
MC	518.65	10.3	CAR-MC
COM	528.95	6.54	MC-COM
HV	535.49	9.14	COM-HV
CAR	544.63	8.73	HV-CAR
MC	553.36	14.93	CAR-MC
HV	568.29	11.73	MC-HV
COM	580.02	5.25	HV-COM
TW	585.27	6.23	COM-TW
MC	591.5	13.18	TW-MC
TW	604.68	15.26	MC-TW
HV	619.94	9.59	TW-HV
COM	629.53	12.31	HV-COM
CAR	641.84	14.26	COM-CAR
COM	656.1	8.11	CAR-COM
HV	664.21	6.62	COM-HV
MC	670.83	9.31	HV-MC
TW	680.14	11.11	MC-TW
COM	691.25	13.92	TW-COM
COM	705.17	12.75	COM-COM
MC	717.92	7.9	COM-MC
COM	725.82	8.62	MC-COM
HV	734.44	10.41	COM-HV
MC	744.85	9.89	HV-MC
COM	754.74	10.84	MC-COM
MC	765.58	11.25	COM-MC
HV	776.83	12.19	MC-HV
HV	789.02	13.89	HV-HV
COM	802.91	6.5	HV-COM
COM	809.41	10.33	COM-COM
HV	819.74	9.24	COM-HV
COM	828.98	10.69	HV-COM
TW	839.67	10.46	COM-TW
MC	850.13	6.95	TW-MC
CAR	857.08	15.07	MC-CAR
COM	872.15	9.09	CAR-COM
TW	881.24	12.29	COM-TW
TW	893.53		TW-TW

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	19
To	Kotttawa	TW	24
Side	LHS	CAR	20
Lane	Inner	COM	10
Video name		HV	10
Time started	1:00 PM	SUM	83
Time finished	1:15 PM		
Traffic count (15Min)	83	Veh	
Traffic flow rate	332	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	7.65	
MC	7.65	16.28	MC-MC
CAR	23.93	14.01	MC-CAR
HV	37.94	8.26	CAR-HV
TW	46.2	15.09	HV-TW
COM	61.29	10.28	TW-COM
COM	71.57	15.66	COM-COM
TW	87.23	8.25	COM-TW
MC	95.48	19.03	TW-MC
COM	114.51	12.28	MC-COM
TW	126.79	11	COM-TW
HV	137.79	8.35	TW-HV
CAR	146.14	10.49	HV-CAR
TW	156.63	13.8	CAR-TW
HV	170.43	9.78	TW-HV
MC	180.21	10.93	HV-MC
HV	191.14	12.71	MC-HV
HV	203.85	8.94	HV-HV
CAR	212.79	10.25	HV-CAR
MC	223.04	5.82	CAR-MC
TW	228.86	11.62	MC-TW
MC	240.48	10.8	TW-MC
TW	251.28	19.84	MC-TW
HV	271.12	8.63	TW-HV
HV	279.75	9.82	HV-HV
COM	289.57	13.76	HV-COM
TW	303.33	10.13	COM-TW
CAR	313.46	11.76	TW-CAR
CAR	325.22	8.17	CAR-CAR
CAR	333.39	7.7	CAR-CAR
TW	341.09	15.06	CAR-TW
TW	356.15	6.75	TW-TW
CAR	362.9	6.68	TW-CAR
CAR	369.58	7.2	CAR-CAR
TW	376.78	11.17	CAR-TW
TW	387.95	8.7	TW-TW
CAR	396.65	7.66	TW-CAR
TW	404.31	9.81	CAR-TW
COM	414.12	13.84	TW-COM
COM	427.96	5.1	COM-COM
TW	433.06	8.61	COM-TW
CAR	441.67	9.95	TW-CAR
MC	451.62	16.52	CAR-MC
MC	468.14	13.3	MC-MC
CAR	481.44	6.65	MC-CAR
TW	488.09	13.04	CAR-TW
MC	501.13	12.52	TW-MC
CAR	513.65	11.88	MC-CAR
MC	525.53	19.43	CAR-MC
MC	544.96	10.39	MC-MC
CAR	555.35	10.17	MC-CAR
MC	565.52	9.35	CAR-MC
TW	574.87	8.73	MC-TW
MC	583.6	15.33	TW-MC
TW	598.93	10.02	MC-TW
CAR	608.95	6.06	TW-CAR
TW	615.01	9.65	CAR-TW
CAR	624.66	9.82	TW-CAR
COM	634.48	9.06	CAR-COM
TW	643.54	10.92	COM-TW
TW	654.46	15.76	TW-TW
HV	670.22	9.74	TW-HV
CAR	679.96	11.93	HV-CAR
MC	691.89	14.96	CAR-MC
TW	706.85	6.95	MC-TW
TW	713.8	6.74	TW-TW
CAR	720.54	9.58	TW-CAR
TW	730.12	10.44	CAR-TW
MC	740.56	11.81	TW-MC
HV	752.37	11.09	MC-HV
CAR	763.46	6.58	HV-CAR
TW	770.04	14.27	CAR-TW
MC	784.31	11.83	TW-MC
CAR	796.14	9.38	MC-CAR
MC	805.52	19.2	CAR-MC
MC	824.72	18.16	MC-MC
COM	842.88	5.2	MC-COM
TW	848.08	7.46	COM-TW
COM	855.54	8.44	TW-COM
MC	863.98	14.77	COM-MC
CAR	878.75	9.32	MC-CAR
HV	888.07	11.21	CAR-HV
COM	899.28		HV-COM

ANNEX - 1 - Time Headway Data 0-400 Veh/hr Flow Range

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	16
To	Kotttawa	TW	21
Side	LHS	CAR	25
Lane	Inner	COM	12
Video name		HV	21
Time started	1:45 PM	SUM	95
Time finished	2:00 PM		
Traffic count (15Min)	95	Veh	
Traffic flow rate	380	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	8.15	
CAR	8.15	6.3	COM-CAR
COM	14.45	16.18	CAR-COM
HV	30.63	9.68	COM-HV
TW	40.31	3.95	HV-TW
MC	44.26	11.59	TW-MC
MC	55.85	14.3	MC-MC
TW	70.15	10.73	MC-TW
TW	80.88	13.03	TW-TW
MC	93.91	8.67	TW-MC
COM	102.58	13.82	MC-COM
MC	116.4	9.52	COM-MC
CAR	125.92	12.11	MC-CAR
TW	138.03	10.56	CAR-TW
CAR	148.59	9.09	TW-CAR
COM	157.68	8.88	CAR-COM
COM	166.56	6.18	COM-COM
COM	172.74	11.67	COM-COM
CAR	184.41	14.83	COM-CAR
HV	199.24	12.14	CAR-HV
COM	211.38	3.79	HV-COM
TW	215.17	3.94	COM-TW
MC	219.11	9.63	TW-MC
HV	228.74	16.78	MC-HV
CAR	245.52	10.48	HV-CAR
MC	256	10.75	CAR-MC
CAR	266.75	7.81	MC-CAR
HV	274.56	5.85	CAR-HV
HV	280.41	4.71	HV-HV
CAR	285.12	7.15	HV-CAR
MC	292.27	12.26	CAR-MC
HV	304.53	6.25	MC-HV
TW	310.78	12.76	HV-TW
CAR	323.54	6.03	TW-CAR
MC	329.57	9.02	CAR-MC
CAR	338.59	13.87	MC-CAR
COM	352.46	8.62	CAR-COM
HV	361.08	6.99	COM-HV
MC	368.07	8.98	HV-MC
CAR	377.05	9.13	MC-CAR
CAR	386.18	13.57	CAR-CAR
TW	399.75	11.54	CAR-TW
TW	411.29	10.07	TW-TW
HV	421.36	7.47	TW-HV
COM	428.83	11.22	HV-COM
CAR	440.05	9.04	COM-CAR
COM	449.09	9.75	CAR-COM
TW	458.84	10.57	COM-TW
HV	469.41	6.03	TW-HV
MC	475.44	6.05	HV-MC
MC	481.49	11.89	MC-MC
CAR	493.38	11.18	MC-CAR
CAR	504.56	9.1	CAR-CAR
CAR	513.66	13.41	CAR-CAR
TW	527.07	8.22	CAR-TW
HV	535.29	7.94	TW-HV
HV	543.23	10.63	HV-HV
TW	553.86	7.14	HV-TW
CAR	561	4.47	TW-CAR
CAR	565.47	7.57	CAR-CAR
HV	573.04	15.41	CAR-HV
TW	588.45	6.13	HV-TW
TW	594.58	12.32	TW-TW
MC	606.9	8.11	TW-MC
TW	615.01	4.51	MC-TW
HV	619.52	10.19	TW-HV
TW	629.71	11.53	HV-TW
COM	641.24	11.47	TW-COM
CAR	652.71	8.9	COM-CAR
MC	661.61	5.19	CAR-MC
MC	666.8	7.21	MC-MC
TW	674.01	8.55	MC-TW
CAR	682.56	13.13	TW-CAR
TW	695.69	12.37	CAR-TW
TW	708.06	10.76	TW-TW
CAR	718.82	11.51	TW-CAR
HV	730.33	15.78	CAR-HV
HV	746.11	8.43	HV-HV
CAR	754.54	8.85	HV-CAR
CAR	763.39	12.26	CAR-CAR
HV	775.65	10.26	CAR-HV
CAR	785.91	9.63	HV-CAR
MC	795.54	6.94	CAR-MC
TW	802.48	12.85	MC-TW
TW	815.33	6.85	TW-TW
COM	822.18	7.41	TW-COM
HV	829.59	6.22	COM-HV
HV	835.81	4.68	HV-HV
CAR	840.49	10.44	HV-CAR
CAR	850.93	12.09	CAR-CAR
MC	863.02	13.03	CAR-MC
HV	876.05	11.8	MC-HV
TW	887.85	3.73	HV-TW
HV	891.58	5.76	TW-HV
HV	897.34		HV-HV

Road Name	A1 - Road	Vehicle summary	
From	Kandy	MC	11
To	Colombo	TW	19
Side	RHS	CAR	21
Lane	Inner	COM	21
Video name		HV	14
Time started	7:00 AM	SUM	86
Time finished	7:15 AM		
Traffic count (15Min)	86	Veh	
Traffic flow rate	344	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
HV	0	16.55	
CAR	16.55	13.26	HV-CAR
TW	29.81	14.86	CAR-TW
CAR	44.67	5.09	TW-CAR
HV	49.76	12.27	CAR-HV
TW	62.03	14.59	HV-TW
HV	76.62	12.83	TW-HV
TW	89.45	5.62	HV-TW
HV	95.07	14.29	TW-HV
COM	109.36	7.16	HV-COM
HV	116.52	10.42	COM-HV
COM	126.94	11.05	HV-COM
HV	137.99	11.11	COM-HV
CAR	149.1	8.4	HV-CAR
TW	157.5	11.33	CAR-TW
TW	168.83	8.82	TW-TW
COM	177.65	10.42	TW-COM
CAR	188.07	8.69	COM-CAR
MC	196.76	7.97	CAR-MC
MC	204.73	12.52	MC-MC
TW	217.25	7.24	MC-TW
COM	224.49	7.98	TW-COM
HV	232.47	7.93	COM-HV
COM	240.4	11.64	HV-COM
CAR	252.04	9.89	COM-CAR
MC	261.93	5.48	CAR-MC
COM	267.41	13.09	MC-COM
COM	280.5	11.49	COM-COM
TW	291.99	12.07	COM-TW
TW	304.06	11.36	TW-TW
TW	315.42	7.36	TW-TW
TW	322.78	10.94	TW-TW
MC	333.72	16.16	TW-MC
COM	349.88	7.66	MC-COM
CAR	357.54	8.37	COM-CAR
MC	365.91	10.02	CAR-MC
MC	375.93	10.93	MC-MC
MC	386.86	16.22	MC-MC
HV	403.08	9.11	MC-HV
HV	412.19	12.81	HV-HV
COM	425	8.04	HV-COM
TW	433.04	4.37	COM-TW
CAR	437.41	13.8	TW-CAR
COM	451.21	10.38	CAR-COM
COM	461.59	6.98	COM-COM
HV	468.57	14.83	COM-HV
TW	483.4	7.47	HV-TW
CAR	490.87	11.55	TW-CAR
COM	502.42	12.4	CAR-COM
COM	514.82	12.47	COM-COM
TW	527.29	9.54	COM-TW
MC	536.83	9.63	TW-MC
CAR	546.46	13.02	MC-CAR
HV	559.48	15.04	CAR-HV
CAR	574.52	9.96	HV-CAR
CAR	584.48	8.56	CAR-CAR
CAR	593.04	6.92	CAR-CAR
MC	599.96	13.51	CAR-MC
COM	613.47	7.12	MC-COM
CAR	620.59	11.48	COM-CAR
CAR	632.07	7.13	CAR-CAR
CAR	639.2	8.27	CAR-CAR
COM	647.47	6.9	CAR-COM
TW	654.37	6.39	COM-TW
CAR	660.76	11.21	TW-CAR
COM	671.97	11.28	CAR-COM
COM	683.25	8.36	COM-COM
MC	691.61	11.21	COM-MC
COM	702.82	8.76	MC-COM
TW	711.58	22.27	COM-TW
HV	733.85	10.76	TW-HV
COM	744.61	12.44	HV-COM
CAR	757.05	7.81	COM-CAR
CAR	764.86	14.99	CAR-CAR
HV	779.85	14.72	CAR-HV
COM	794.57	10.15	HV-COM
TW	804.72	16.5	COM-TW
TW	821.22	9.67	TW-TW
TW	830.89	9.98	TW-TW
CAR	840.87	11.66	TW-CAR
CAR	852.53	8.75	CAR-CAR
COM	861.28	11.04	CAR-COM
MC	872.32	17.19	COM-MC
TW	889.51	8.04	MC-TW
HV	897.55	1.73	TW-HV
CAR	899.28		HV-CAR

Road Name	A1 - Road	Vehicle summary	
From	Kandy	MC	17
To	Colombo	TW	23
Side	RHS	CAR	18
Lane	Inner	COM	17
Video name		HV	14
Time started	7:15 AM	SUM	89
Time finished	7:30 AM		
Traffic count (15Min)	89	Veh	
Traffic flow rate	356	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	11.93	
COM	11.93	6.67	CAR-COM
TW	18.6	10.88	COM-TW
TW	29.48	13.36	TW-TW
COM	42.84	6.32	TW-COM
TW	49.16	11.75	COM-TW
COM	60.91	12.28	TW-COM
CAR	73.19	13.79	COM-CAR
HV	86.98	13.68	CAR-HV
MC	100.66	5.81	HV-MC
HV	106.47	8.49	MC-HV
TW	114.96	10.93	HV-TW
COM	125.89	8.34	TW-COM
CAR	134.23	11.11	COM-CAR
COM	145.34	7.17	CAR-COM
TW	152.51	7.86	COM-TW
CAR	160.37	10.73	TW-CAR
TW	171.1	16.27	CAR-TW
CAR	187.37	12.05	TW-CAR
MC	199.42	10.64	CAR-MC
MC	210.06	11.78	MC-MC
CAR	221.84	9.1	MC-CAR
HV	230.94	6.93	CAR-HV
CAR	237.87	10.9	HV-CAR
TW	248.77	16.34	CAR-TW
TW	265.11	14.37	TW-TW
CAR	279.48	11.08	TW-CAR
COM	290.56	7.4	CAR-COM
TW	297.96	14.51	COM-TW
COM	312.47	15.69	TW-COM
TW	328.16	10.96	COM-TW
HV	339.12	6.03	TW-HV
COM	345.15	5.95	HV-COM
TW	351.1	9.92	COM-TW
TW	361.02	7.08	TW-TW
HV	368.1	6.11	TW-HV
CAR	374.21	10.49	HV-CAR
MC	384.7	15.33	CAR-MC
MC	400.03	15.36	MC-MC
MC	415.39	7	MC-MC
COM	422.39	7.69	MC-COM
CAR	430.08	13.8	COM-CAR
TW	443.88	4.7	CAR-TW
TW	448.58	10.22	TW-TW
CAR	458.8	8.29	TW-CAR
MC	467.09	10.14	CAR-MC
HV	477.23	9.34	MC-HV
HV	486.57	10.48	HV-HV
TW	497.05	9.35	HV-TW
CAR	506.4	9.49	TW-CAR
MC	515.89	8.96	CAR-MC
HV	524.85	12.34	MC-HV
CAR	537.19	15.32	HV-CAR
COM	552.51	8.75	CAR-COM
HV	561.26	12.96	COM-HV
MC	574.22	9.38	HV-MC
MC	583.6	8.62	MC-MC
TW	592.22	4.59	MC-TW
COM	596.81	8.01	TW-COM
TW	604.82	6.16	COM-TW
MC	610.98	13.66	TW-MC
CAR	624.64	11.19	MC-CAR
HV	635.83	9.83	CAR-HV
TW	645.66	14.68	HV-TW
MC	660.34	5.98	TW-MC
COM	666.32	6.8	MC-COM
TW	673.12	14.31	COM-TW
COM	687.43	9.08	TW-COM
HV	696.51	11.13	COM-HV
CAR	707.64	5.1	HV-CAR
TW	712.74	14.45	CAR-TW
MC	727.19	12.72	TW-MC
TW	739.91	8.08	MC-TW
MC	747.99	8.86	TW-MC
HV	756.85	5.92	MC-HV
TW	762.77	12.44	HV-TW
COM	775.21	10.5	TW-COM
MC	785.71	11.01	COM-MC
MC	796.72	10.28	MC-MC
CAR	807	5.9	MC-CAR
TW	812.9	15.19	CAR-TW
COM	828.09	18.89	TW-COM
COM	846.98	20.95	COM-COM
COM	867.93	9.67	COM-COM
MC	877.6	7.67	COM-MC
CAR	885.27	9.37	MC-CAR
CAR	894.64	4.52	CAR-CAR
HV	899.16	0.84	CAR-HV
HV	900		HV-HV

ANNEX - 1 - Time Headway Data 0-400 Veh/hr Flow Range

Road Name	A1 - Road	Vehicle summary	
From	Kandy	MC	20
To	Colombo	TW	16
Side	RHS	CAR	12
Lane	Inner	COM	13
Video name		HV	21
Time started	12:00 PM	SUM	82
Time finished	12:15 PM		
Traffic count (15Min)	82	Veh	
Traffic flow rate	328	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	12.51	
TW	12.51	12.2	MC-TW
TW	24.71	10.22	TW-TW
MC	34.93	9.72	TW-MC
HV	44.65	10.24	MC-HV
CAR	54.89	10.79	HV-CAR
MC	65.68	13.02	CAR-MC
MC	78.7	13.24	MC-MC
MC	91.94	4.33	MC-MC
COM	96.27	14.1	MC-COM
CAR	110.37	12.88	COM-CAR
TW	123.25	9.89	CAR-TW
HV	133.14	10.41	TW-HV
MC	143.55	13.19	HV-MC
MC	156.74	9.71	MC-MC
CAR	166.45	15.64	MC-CAR
MC	182.09	4.83	CAR-MC
HV	186.92	8.95	MC-HV
CAR	195.87	8.48	HV-CAR
CAR	204.35	10.73	CAR-CAR
MC	215.08	8.02	CAR-MC
HV	223.1	7.63	MC-HV
MC	230.73	10.85	HV-MC
HV	241.58	14.13	MC-HV
MC	255.71	12.22	HV-MC
HV	267.93	12.25	MC-HV
HV	280.18	10.87	HV-HV
HV	291.05	7.35	HV-HV
MC	298.4	13.25	HV-MC
MC	311.65	7.11	MC-MC
COM	318.76	10.76	MC-COM
COM	329.52	10.96	COM-COM
TW	340.48	9.7	COM-TW
TW	350.18	16.99	TW-TW
TW	367.17	9.24	TW-TW
TW	376.41	8.92	TW-TW
COM	385.33	15.88	TW-COM
TW	401.21	13.71	COM-TW
TW	414.92	12.96	TW-TW
CAR	427.88	15.68	TW-CAR
TW	443.56	12.4	CAR-TW
COM	455.96	15.58	TW-COM
COM	471.54	18.44	COM-COM
MC	489.98	13.89	COM-MC
MC	503.87	8.26	MC-MC
HV	512.13	8.79	MC-HV
CAR	520.92	11.13	HV-CAR
HV	532.05	10.56	CAR-HV
HV	542.61	8.38	HV-HV
TW	550.99	11.8	HV-TW
HV	562.79	8.57	TW-HV
MC	571.36	14.58	HV-MC
HV	585.94	11.52	MC-HV
MC	597.46	12.58	HV-MC
HV	610.04	14.15	MC-HV
HV	624.19	10.28	HV-HV
COM	634.47	7.96	HV-COM
TW	642.43	10.39	COM-TW
CAR	652.82	21.11	TW-CAR
COM	673.93	10.05	CAR-COM
TW	683.98	9.37	COM-TW
HV	693.35	8.8	TW-HV
COM	702.15	15.08	HV-COM
TW	717.23	10.67	COM-TW
TW	727.9	7.58	TW-TW
TW	735.48	16.63	TW-TW
HV	752.11	5.8	TW-HV
HV	757.91	12.09	HV-HV
HV	770	7.69	HV-HV
MC	777.69	14.55	HV-MC
COM	792.24	10.24	MC-COM
MC	802.48	9.33	COM-MC
HV	811.81	11.08	MC-HV
COM	822.89	6.93	HV-COM
COM	829.82	11.31	COM-COM
MC	841.13	10.22	COM-MC
CAR	851.35	12.67	MC-CAR
CAR	864.02	13.48	CAR-CAR
COM	877.5	11.28	CAR-COM
CAR	888.78	6.38	COM-CAR
CAR	895.16	3.43	CAR-CAR
HV	898.59		CAR-HV

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	23
To	Kandy	TW	17
Side	LHS	CAR	18
Lane	Inner	COM	8
Video name		HV	19
Time started	12:15 PM	SUM	85
Time finished	12:30 PM		
Traffic count (15Min)	85	Veh	
Traffic flow rate	340	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	14.81	
TW	14.81	9.36	MC-TW
TW	24.17	12.14	TW-TW
HV	36.31	10.08	TW-HV
TW	46.39	7.12	HV-TW
MC	53.51	8.78	TW-MC
CAR	62.29	11.96	MC-CAR
MC	74.25	16.51	CAR-MC
MC	90.76	9.22	MC-MC
TW	99.98	8.75	MC-TW
TW	108.73	8.97	TW-TW
CAR	117.7	16.21	TW-CAR
CAR	133.91	6.64	CAR-CAR
HV	140.55	8.23	CAR-HV
MC	148.78	5.72	HV-MC
MC	154.5	10.81	MC-MC
TW	165.31	10.44	MC-TW
CAR	175.75	10.92	TW-CAR
HV	186.67	11.95	CAR-HV
CAR	198.62	7.5	HV-CAR
HV	206.12	6.22	CAR-HV
HV	212.34	7.58	HV-HV
CAR	219.92	8.47	HV-CAR
HV	228.39	9.84	CAR-HV
TW	238.23	12.07	HV-TW
MC	250.3	12.66	TW-MC
CAR	262.96	9.02	MC-CAR
HV	271.98	11.81	CAR-HV
CAR	283.79	15.86	HV-CAR
COM	299.65	16.12	CAR-COM
HV	315.77	10.53	COM-HV
HV	326.3	9.9	HV-HV
MC	336.2	12.89	HV-MC
COM	349.09	15.45	MC-COM
MC	364.54	7.9	COM-MC
HV	372.44	8.79	MC-HV
MC	381.23	7.86	HV-MC
MC	389.09	8.68	MC-MC
MC	397.77	12.02	MC-MC
COM	409.79	10.26	MC-COM
CAR	420.05	10.43	COM-CAR
CAR	430.48	10.7	CAR-CAR
HV	441.18	10.57	CAR-HV
MC	451.75	9.32	HV-MC
HV	461.07	10.01	MC-HV
HV	471.08	15.22	HV-HV
HV	486.3	15.31	HV-HV
COM	501.61	11.52	HV-COM
HV	513.13	9.56	COM-HV
HV	522.69	8.7	HV-HV
CAR	531.39	6.21	HV-CAR
MC	537.6	7.97	CAR-MC
TW	545.57	9.94	MC-TW
CAR	555.51	16.39	TW-CAR
MC	571.9	10.08	CAR-MC
CAR	581.98	9.74	MC-CAR
TW	591.72	7.81	CAR-TW
MC	599.53	9.57	TW-MC
TW	609.1	14.06	MC-TW
MC	623.16	8.71	TW-MC
TW	631.87	10.53	MC-TW
TW	642.4	17.7	TW-TW
COM	660.1	15.07	TW-COM
CAR	675.17	12.75	COM-CAR
TW	687.92	15.77	CAR-TW
COM	703.69	8.92	TW-COM
TW	712.61	5.03	COM-TW
MC	717.64	8.86	TW-MC
TW	726.5	16.43	MC-TW
TW	742.93	6.24	TW-TW
MC	749.17	23.26	TW-MC
MC	772.43	7.01	MC-MC
CAR	779.44	10.89	MC-CAR
MC	790.33	8.71	CAR-MC
COM	799.04	9.8	MC-COM
COM	808.84	12.31	COM-COM
CAR	821.15	3.81	COM-CAR
TW	824.96	10.08	CAR-TW
HV	835.04	10.95	TW-HV
CAR	845.99	7.77	HV-CAR
MC	853.76	8.93	CAR-MC
HV	862.69	14.21	MC-HV
HV	876.9	8.68	HV-HV
CAR	885.58	13.13	HV-CAR
MC	898.71		CAR-MC

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	15
To	Kandy	TW	18
Side	LHS	CAR	16
Lane	Inner	COM	14
Video name		HV	16
Time started	1:00 PM	SUM	79
Time finished	1:15 PM		
Traffic count (15Min)	79	Veh	
Traffic flow rate	316	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	11.8	
HV	11.8	16.63	COM-HV
CAR	28.43	13.19	HV-CAR
TW	41.62	7.01	CAR-TW
CAR	48.63	9.02	TW-CAR
HV	57.65	12.12	CAR-HV
CAR	69.77	14.19	HV-CAR
CAR	83.96	13.34	CAR-CAR
MC	97.3	8.92	CAR-MC
HV	106.22	8.75	MC-HV
CAR	114.97	14.19	HV-CAR
COM	129.16	9	CAR-COM
MC	138.16	11.95	COM-MC
HV	150.11	7.4	MC-HV
HV	157.51	6.96	HV-HV
CAR	164.47	9.61	HV-CAR
TW	174.08	13.86	CAR-TW
TW	187.94	10.93	TW-TW
COM	198.87	9.72	TW-COM
MC	208.59	10.55	COM-MC
COM	219.14	12.34	MC-COM
TW	231.48	17.84	COM-TW
HV	249.32	10.09	TW-HV
COM	259.41	11.63	HV-COM
MC	271.04	10.35	COM-MC
TW	281.39	9.97	MC-TW
CAR	291.36	15.54	TW-CAR
HV	306.9	14.45	CAR-HV
CAR	321.35	15.21	HV-CAR
TW	336.56	12.49	CAR-TW
HV	349.05	15.86	TW-HV
MC	364.91	9.23	HV-MC
COM	374.14	9.77	MC-COM
CAR	383.91	16.99	COM-CAR
HV	400.9	13.24	CAR-HV
CAR	414.14	16.56	HV-CAR
TW	430.7	8.69	CAR-TW
TW	439.39	14.11	TW-TW
CAR	453.5	15.19	TW-CAR
MC	468.69	8.15	CAR-MC
HV	476.84	14.18	MC-HV
CAR	491.02	11.08	HV-CAR
COM	502.1	14.79	CAR-COM
COM	516.89	8.32	COM-COM
TW	525.21	14.39	COM-TW
TW	539.6	12.39	TW-TW
MC	551.99	8.5	TW-MC
COM	560.49	14.35	MC-COM
MC	574.84	11.81	COM-MC
TW	586.65	9.79	MC-TW
MC	596.44	15.69	TW-MC
TW	612.13	14.42	MC-TW
MC	626.55	14.62	TW-MC
MC	641.17	9.24	MC-MC
TW	650.41	11.66	MC-TW
TW	662.07	12.07	TW-TW
HV	674.14	9.34	TW-HV
CAR	683.48	11.21	HV-CAR
TW	694.69	15.05	CAR-TW
COM	709.74	13.48	TW-COM
MC	723.22	7.32	COM-MC
MC	730.54	12.26	MC-MC
MC	742.8	6.73	MC-MC
TW	749.53	12.44	MC-TW
TW	761.97	11.66	TW-TW
CAR	773.63	8.31	TW-CAR
COM	781.94	11.79	CAR-COM
HV	793.73	8.82	COM-HV
TW	802.55	16.3	HV-TW
HV	818.85	11.34	TW-HV
CAR	830.19	12.43	HV-CAR
HV	842.62	14.14	CAR-HV
HV	856.76	15.57	HV-HV
HV	872.33	6.14	HV-HV
COM	878.47	6.14	HV-COM
COM	884.61	5.59	COM-COM
MC	890.2	5.68	COM-MC
CAR	895.88	3.63	MC-CAR
COM	899.51		CAR-COM

ANNEX - 1 - Time Headway Data 0-400 Veh/hr Flow Range

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	14
To	Kandy	TW	21
Side	LHS	CAR	14
Lane	Inner	COM	22
Video name		HV	23
Time started	4:00 PM	SUM	94
Time finished	4:15 PM		
Traffic count (15Min)	94	Veh	
Traffic flow rate	376	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	6.49	
CAR	6.49	7.63	COM-CAR
MC	14.12	6.82	CAR-MC
MC	20.94	6.1	MC-MC
COM	27.04	4.2	MC-COM
COM	31.24	17.52	COM-COM
COM	48.76	10.79	COM-COM
COM	59.55	7.25	COM-COM
MC	66.8	8.73	COM-MC
TW	75.53	16.64	MC-TW
MC	92.17	11.52	TW-MC
TW	103.69	17.56	MC-TW
CAR	121.25	5.6	TW-CAR
HV	126.85	11.97	CAR-HV
TW	138.82	8.06	HV-TW
HV	146.88	6.82	TW-HV
TW	153.7	8.18	HV-TW
TW	161.88	4.11	TW-TW
TW	165.99	7.81	TW-TW
HV	173.8	9.63	TW-HV
MC	183.43	6.34	HV-MC
COM	189.77	15.79	MC-COM
CAR	205.56	9.15	COM-CAR
CAR	214.71	8.83	CAR-CAR
COM	223.54	10.25	CAR-COM
COM	233.79	12.44	COM-COM
TW	246.23	4.04	COM-TW
HV	250.27	8.51	TW-HV
COM	258.78	13.97	HV-COM
TW	272.75	8	COM-TW
TW	280.75	10.98	TW-TW
TW	291.73	8.96	TW-TW
TW	300.69	10.25	TW-TW
HV	310.94	7.74	TW-HV
COM	318.68	8.99	HV-COM
MC	327.67	13.89	COM-MC
TW	341.56	10.09	MC-TW
CAR	351.65	11.17	TW-CAR
HV	362.82	4.28	CAR-HV
HV	367.1	16.3	HV-HV
MC	383.4	13.56	HV-MC
COM	396.96	11.62	MC-COM
TW	408.58	11.6	COM-TW
COM	420.18	12.94	TW-COM
CAR	433.12	15.26	COM-CAR
HV	448.38	8.74	CAR-HV
HV	457.12	7.66	HV-HV
MC	464.78	9.06	HV-MC
MC	473.84	5.48	MC-MC
COM	479.32	11.94	MC-COM
CAR	491.26	11.58	COM-CAR
HV	502.84	5.22	CAR-HV
TW	508.06	10.48	HV-TW
CAR	518.54	7.19	TW-CAR
HV	525.73	7.2	CAR-HV
TW	532.93	10.8	HV-TW
HV	543.73	11.68	TW-HV
MC	555.41	9.46	HV-MC
HV	564.87	9.91	MC-HV
CAR	574.78	6.6	HV-CAR
COM	581.38	11.96	CAR-COM
TW	593.34	6.33	COM-TW
TW	599.67	10.84	TW-TW
COM	610.51	7.73	TW-COM
COM	618.24	4.65	COM-COM
HV	622.89	8.4	COM-HV
CAR	631.29	9.37	HV-CAR
TW	640.66	9.99	CAR-TW
HV	650.65	5.58	TW-HV
HV	656.23	12.17	HV-HV
HV	668.4	10.35	HV-HV
CAR	678.75	12.98	HV-CAR
COM	691.73	8.08	CAR-COM
TW	699.81	5.39	COM-TW
HV	705.2	10.13	TW-HV
COM	715.33	6.24	HV-COM
COM	721.57	17.3	COM-COM
MC	738.87	6.73	COM-MC
COM	745.6	17.35	MC-COM
COM	762.95	13.42	COM-COM
CAR	776.37	9.84	COM-CAR
CAR	786.21	7.73	CAR-CAR
TW	793.94	5.52	CAR-TW
MC	799.46	10.63	TW-MC
TW	810.09	11.86	MC-TW
HV	821.95	7.31	TW-HV
CAR	829.26	6.62	HV-CAR
HV	835.88	15.3	CAR-HV
HV	851.18	6.59	HV-HV
COM	857.77	8.12	HV-COM
HV	865.89	12.21	COM-HV
MC	878.1	15.07	HV-MC
HV	893.17	4.69	MC-HV
MC	897.86		HV-MC

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	7
To	Kandy	TW	14
Side	LHS	CAR	16
Lane	Inner	COM	21
Video name		HV	20
Time started	4:15 PM	SUM	78
Time finished	4:30 AM		
Traffic count (15Min)	78	Veh	
Traffic flow rate	312	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	10.87	
CAR	10.87	11.73	CAR-CAR
CAR	22.6	11.33	CAR-CAR
COM	33.93	8.21	CAR-COM
COM	42.14	12.57	COM-COM
COM	54.71	15.65	COM-COM
HV	70.36	7.42	COM-HV
COM	77.78	10.63	HV-COM
CAR	88.41	10.19	COM-CAR
TW	98.6	17.73	CAR-TW
CAR	116.33	12.54	TW-CAR
HV	128.87	11.14	CAR-HV
MC	140.01	15.41	HV-MC
MC	155.42	10.5	MC-MC
COM	165.92	5.69	MC-COM
COM	171.61	13.39	COM-COM
HV	185	12.36	COM-HV
HV	197.36	5.64	HV-HV
TW	203	14.14	HV-TW
TW	217.14	7.39	TW-TW
COM	224.53	10.95	TW-COM
TW	235.48	9.26	COM-TW
HV	244.74	19	TW-HV
COM	263.74	7.41	HV-COM
COM	271.15	10.62	COM-COM
HV	281.77	8.24	COM-HV
HV	290.01	12.06	HV-HV
CAR	302.07	15	HV-CAR
TW	317.07	14.06	CAR-TW
HV	331.13	13.31	TW-HV
TW	344.44	11.59	HV-TW
CAR	356.03	12.75	TW-CAR
TW	368.78	7.34	CAR-TW
COM	376.12	10.77	TW-COM
CAR	386.89	14.83	COM-CAR
MC	401.72	11.72	CAR-MC
MC	413.44	7.34	MC-MC
CAR	420.78	11.37	MC-CAR
HV	432.15	15.81	CAR-HV
HV	447.96	7.97	HV-HV
HV	455.93	14.11	HV-HV
COM	470.04	12.16	HV-COM
TW	482.2	8.39	COM-TW
MC	490.59	16.51	TW-MC
MC	507.1	7.75	MC-MC
CAR	514.85	10.59	MC-CAR
COM	525.44	11.38	CAR-COM
HV	536.82	16.5	COM-HV
CAR	553.32	7.6	HV-CAR
CAR	560.92	11.47	CAR-CAR
CAR	572.39	14.13	CAR-CAR
COM	586.52	13.92	CAR-COM
TW	600.44	12.79	COM-TW
COM	613.23	4.96	TW-COM
CAR	618.19	12.1	COM-CAR
MC	630.29	15.46	CAR-MC
TW	645.75	11.37	MC-TW
COM	657.12	10.12	TW-COM
HV	667.24	11.87	COM-HV
HV	679.11	15.41	HV-HV
HV	694.52	14.55	HV-HV
HV	709.07	9.53	HV-HV
COM	718.6	13.6	HV-COM
COM	732.2	14	COM-COM
HV	746.2	8.29	COM-HV
TW	754.49	16.64	HV-TW
COM	771.13	13.86	TW-COM
CAR	784.99	9.59	COM-CAR
COM	794.58	11.32	CAR-COM
HV	805.9	8.72	COM-HV
TW	814.62	10.39	HV-HV
TW	825.01	12.14	HV-TW
TW	837.15	6.84	TW-TW
COM	843.99	11.03	TW-COM
COM	855.02	14.55	COM-COM
HV	869.57	10.34	COM-HV
CAR	879.91	10.88	HV-CAR
TW	890.79		CAR-TW

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	18
To	Kandy	TW	23
Side	LHS	CAR	20
Lane	Inner	COM	20
Video name		HV	11
Time started	5:30 PM	SUM	92
Time finished	5:45 PM		
Traffic count (15Min)	92	Veh	
Traffic flow rate	368	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	9.15	
MC	9.15	12.47	CAR-MC
CAR	21.62	5.39	MC-CAR
COM	27.01	9.75	CAR-COM
TW	36.76	6.09	COM-TW
HV	42.85	7.84	TW-HV
COM	50.69	15.02	HV-COM
COM	65.71	6.6	COM-COM
CAR	72.31	10.14	COM-CAR
TW	82.45	13.52	CAR-TW
COM	95.97	7.2	TW-COM
COM	103.17	11.04	COM-COM
COM	114.21	9.88	COM-COM
COM	124.09	14.68	COM-COM
TW	138.77	13.31	COM-TW
CAR	152.08	9.13	TW-CAR
CAR	161.21	8.45	CAR-CAR
COM	169.66	8.86	CAR-COM
MC	178.52	7.14	COM-MC
CAR	185.66	4.77	MC-CAR
COM	190.43	12.2	CAR-COM
COM	202.63	12.52	COM-COM
COM	215.15	12.8	COM-COM
TW	227.95	8.09	COM-TW
HV	236.04	11.91	TW-HV
COM	247.95	5.33	HV-COM
MC	253.28	7.35	COM-MC
MC	260.63	11.93	MC-MC
MC	272.56	10.92	MC-MC
MC	283.48	16.12	MC-MC
CAR	299.6	12.52	MC-CAR
TW	312.12	8.99	CAR-TW
TW	321.11	11.02	TW-TW
COM	332.13	14.68	TW-COM
TW	346.81	8.13	COM-TW
MC	354.94	11.76	TW-MC
HV	366.7	12.84	MC-HV
CAR	379.54	13.86	HV-CAR
CAR	393.4	15.13	CAR-CAR
HV	408.53	11.46	CAR-HV
CAR	419.99	6.05	HV-CAR
HV	426.04	10.99	CAR-HV
HV	437.03	11.65	HV-HV
MC	448.68	9.81	HV-MC
TW	458.49	8.5	MC-TW
TW	466.99	8.26	TW-TW
CAR	475.25	10.58	TW-CAR
CAR	485.83	5.47	CAR-CAR
TW	491.3	8.24	CAR-TW
HV	499.54	6.71	TW-HV
MC	506.25	9.67	HV-MC
COM	515.92	5.69	MC-COM
CAR	521.61	4.95	COM-CAR
MC	526.56	9.53	CAR-MC
COM	536.09	8.58	MC-COM
TW	544.67	6.75	COM-TW
TW	551.42	8.15	TW-TW
MC	559.57	13.6	TW-MC
TW	573.17	8.36	MC-TW
CAR	581.53	10.22	TW-CAR
CAR	591.75	17.74	CAR-CAR
MC	609.49	13.24	CAR-MC
TW	622.73	13.11	MC-TW
HV	635.84	6.89	TW-HV
CAR	642.73	10.17	HV-CAR
TW	652.9	9.99	CAR-TW
CAR	662.89	6.15	TW-CAR
TW	669.04	10.96	CAR-TW
MC	680	8.08	TW-MC
MC	688.08	16.95	MC-MC
MC	705.03	13.89	MC-MC
COM	718.92	9.2	MC-COM
TW	728.12	6.04	COM-TW
TW	734.16	8.77	TW-TW
COM	742.93	9.34	TW-COM
CAR	752.27	3.86	COM-CAR
TW	756.13	12.37	CAR-TW
CAR	768.5	6.81	TW-CAR
HV	775.31	10.13	CAR-HV
COM	785.44	10.45	HV-COM
MC	795.89	14	COM-MC
TW	809.89	15.34	MC-TW
MC	825.23	6.04	TW-MC
CAR	831.27	9.66	MC-CAR
HV	840.93	9.08	CAR-HV
MC	850.01	18.3	HV-MC
TW	868.31	12.04	MC-TW
COM	880.35	6.11	TW-COM
TW	886.46	7.52	COM-TW
COM	893.98	1.89	TW-COM
TW	895.87	3.37	COM-TW
HV	899.24		TW-HV

ANNEX - 1 - Time Headway Data 0-400 Veh/hr Flow Range

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	21
To	Kandy	TW	11
Side	LHS	CAR	11
Lane	Inner	COM	17
Video name		HV	17
Time started	5:45 PM	SUM	77
Time finished	6:00 AM		
Traffic count (15Min)	77	Veh	
Traffic flow rate	308	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	12.22	
MC	12.22	16.57	MC-MC
TW	28.79	12.76	MC-TW
MC	41.55	13.13	TW-MC
COM	54.68	9.3	MC-COM
HV	63.98	7.01	COM-HV
COM	70.99	13.09	HV-COM
HV	84.08	9.21	COM-HV
MC	93.29	7.98	HV-MC
HV	101.27	13.36	MC-HV
CAR	114.63	16.11	HV-CAR
COM	130.74	8.69	CAR-COM
COM	139.43	10.82	COM-COM
TW	150.25	12.8	COM-TW
MC	163.05	12.19	TW-MC
CAR	175.24	12.81	MC-CAR
CAR	188.05	12.05	CAR-CAR
COM	200.1	10.72	CAR-COM
COM	210.82	10.03	COM-COM
HV	220.85	14.97	COM-HV
HV	235.82	15.05	HV-HV
MC	250.87	9.09	HV-MC
MC	259.96	11.72	MC-MC
HV	271.68	7.55	MC-HV
HV	279.23	11.65	HV-HV
COM	290.88	19.01	HV-COM
COM	309.89	9.2	COM-COM
HV	319.09	7.3	COM-HV
CAR	326.39	12.51	HV-CAR
MC	338.9	12.1	CAR-MC
HV	351	13.57	MC-HV
COM	364.57	13.73	HV-COM
HV	378.3	10.45	COM-HV
MC	388.75	14.82	HV-MC
HV	403.57	10.62	MC-HV
TW	414.19	10.9	HV-TW
CAR	425.09	6.72	TW-CAR
MC	431.81	11.09	CAR-MC
TW	442.9	7.08	MC-TW
COM	449.98	11.39	TW-COM
MC	461.37	9.12	COM-MC
MC	470.49	10.65	MC-MC
HV	481.14	7.39	MC-HV
COM	488.53	20.59	HV-COM
MC	509.12	10.64	COM-MC
TW	519.76	15.9	MC-TW
MC	535.66	10.8	TW-MC
COM	546.46	10.08	MC-COM
MC	556.54	12.36	COM-MC
COM	568.9	9.18	MC-COM
TW	578.08	13.63	COM-TW
COM	591.71	10.47	TW-COM
HV	602.18	13.1	COM-HV
MC	615.28	11.32	HV-MC
MC	626.6	12.51	MC-MC
COM	639.11	11.85	MC-COM
MC	650.96	15.56	COM-MC
CAR	666.52	12.18	MC-CAR
TW	678.7	17.76	CAR-TW
CAR	696.46	17.14	TW-CAR
CAR	713.6	5.89	CAR-CAR
CAR	719.49	12.6	CAR-CAR
CAR	732.09	12.66	CAR-CAR
TW	744.75	10.33	CAR-TW
MC	755.08	11.2	TW-MC
MC	766.28	9.06	MC-MC
MC	775.34	9.51	MC-MC
HV	784.85	13.88	MC-HV
CAR	798.73	17.15	HV-CAR
HV	815.88	10.99	CAR-HV
COM	826.87	15.61	HV-COM
TW	842.48	9.96	COM-TW
TW	852.44	13.54	TW-TW
COM	865.98	14.26	TW-COM
HV	880.24	10.9	COM-HV
HV	891.14	7.62	HV-HV
TW	898.76		HV-TW

Road Name	Marine drive Road	Vehicle summary	
From	Dehiwala	MC	19
To	Kollupitiya	TW	23
Side	RHS	CAR	20
Lane	Inner	COM	20
Video name		HV	16
Time started	7:00 AM	SUM	98
Time finished	7:15 AM		
Traffic count (15Min)	98	Veh	
Traffic flow rate	392	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	10.33	
COM	10.33	5.87	MC-COM
MC	16.2	9.68	COM-MC
TW	25.88	6.56	MC-TW
MC	32.44	7.96	TW-MC
TW	40.4	14.9	MC-TW
TW	55.3	13.36	TW-TW
COM	68.66	11.48	TW-COM
MC	80.14	7.46	COM-MC
TW	87.6	7.3	MC-TW
COM	94.9	12.5	TW-COM
MC	107.4	11.21	COM-MC
TW	118.61	7.91	MC-TW
MC	126.52	10.16	TW-MC
COM	136.68	5.45	MC-COM
COM	142.13	14.64	COM-COM
COM	156.77	9.34	COM-COM
CAR	166.11	13.21	COM-CAR
MC	179.32	5.5	CAR-MC
COM	184.82	9.34	MC-COM
TW	194.16	9.88	COM-TW
TW	204.04	10.03	TW-TW
CAR	214.07	13.3	TW-CAR
TW	227.37	10.33	CAR-TW
CAR	237.7	6.22	TW-CAR
CAR	243.92	7.94	CAR-CAR
COM	251.86	8.31	CAR-COM
MC	260.17	10.11	COM-MC
COM	270.28	6.98	MC-COM
COM	277.26	7.37	COM-COM
TW	284.63	4.16	COM-TW
HV	288.79	4.58	TW-HV
HV	293.37	9.18	HV-HV
COM	302.55	10.87	HV-COM
HV	313.42	7.71	COM-HV
CAR	321.13	8.61	HV-CAR
HV	329.74	13.41	CAR-HV
TW	343.15	4.2	HV-TW
TW	347.35	6.92	TW-TW
COM	354.27	6.46	TW-COM
CAR	360.73	7.27	COM-CAR
MC	368	7.64	CAR-MC
TW	375.64	7.86	MC-TW
TW	383.5	9.37	TW-TW
COM	392.87	7.75	TW-COM
CAR	400.62	8.02	COM-CAR
MC	408.64	7.08	CAR-MC
CAR	415.72	15.63	MC-CAR
HV	431.35	5.04	CAR-HV
HV	436.39	7.87	HV-HV
HV	444.26	6.95	HV-HV
COM	451.21	10.97	HV-COM
CAR	462.18	9.34	COM-CAR
TW	471.52	6.02	CAR-TW
MC	477.54	5.27	TW-MC
HV	482.81	16.5	MC-HV
CAR	499.31	8.4	HV-CAR
CAR	507.71	7.72	CAR-CAR
COM	515.43	7.39	CAR-COM
TW	522.82	13.1	COM-TW
HV	535.92	8.84	TW-HV
COM	544.76	6.08	HV-COM
COM	550.84	15.65	COM-COM
CAR	566.49	10.07	COM-CAR
COM	576.56	9.36	CAR-COM
COM	585.92	7.36	COM-COM
TW	593.28	9.73	COM-TW
HV	603.01	17.6	TW-HV
MC	620.61	7.99	HV-MC
MC	628.6	9.42	MC-MC
TW	638.02	4.23	MC-TW
MC	642.25	6.84	TW-MC
CAR	649.09	9.05	MC-CAR
CAR	658.14	10.15	CAR-CAR
CAR	668.29	10.06	CAR-CAR
CAR	678.35	7.39	CAR-CAR
HV	685.74	14.09	CAR-HV
COM	699.83	13.7	HV-COM
TW	713.53	8.04	COM-TW
HV	721.57	3.77	TW-HV
CAR	725.34	7.24	HV-CAR
TW	732.58	11.76	CAR-TW
TW	744.34	5.27	TW-TW
MC	749.61	17.63	TW-MC
HV	767.24	13.12	MC-HV
HV	780.36	11.24	HV-HV
TW	791.6	9.99	HV-TW
MC	801.59	12.9	TW-MC
HV	814.49	9.58	MC-HV
CAR	824.07	5.67	HV-CAR
HV	829.74	8.65	CAR-HV
CAR	838.39	9.03	HV-CAR
MC	847.42	11.04	CAR-MC
MC	858.46	7.76	MC-MC
TW	866.22	10.04	MC-TW
CAR	876.26	5.42	TW-CAR
TW	881.68	8.85	CAR-TW
MC	890.53		TW-MC

Road Name	Marine drive Road	Vehicle summary	
From	Dehiwala	MC	17
To	Kollupitiya	TW	18
Side	RHS	CAR	17
Lane	Inner	COM	11
Video name		HV	13
Time started	12:00 PM	SUM	76
Time finished	12:15 PM		
Traffic count (15Min)	76	Veh	
Traffic flow rate	304	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	13.55	
COM	13.55	15.58	CAR-COM
COM	29.13	8.1	COM-COM
TW	37.23	8.25	COM-TW
CAR	45.48	12.43	TW-CAR
MC	57.91	14.72	CAR-MC
COM	72.63	12.73	MC-COM
TW	85.36	11.43	COM-TW
CAR	96.79	7.39	TW-CAR
HV	104.18	10.35	CAR-HV
MC	114.53	12.02	HV-MC
CAR	126.55	9.9	MC-CAR
COM	136.45	14.02	CAR-COM
TW	150.47	11.64	COM-TW
TW	162.11	15.41	TW-TW
MC	177.52	10.1	TW-MC
MC	187.62	10.65	MC-MC
TW	198.27	12.11	MC-TW
MC	210.38	15.34	TW-MC
TW	225.72	16.01	MC-TW
HV	241.73	13.77	TW-HV
COM	255.5	10.6	HV-COM
CAR	266.1	10.48	COM-CAR
COM	276.58	9.91	CAR-COM
HV	286.49	6.58	COM-HV
COM	293.07	12.78	HV-COM
HV	305.85	9.23	COM-HV
MC	315.08	13.14	HV-MC
MC	328.22	11.14	MC-MC
MC	339.36	16.93	MC-MC
TW	356.29	11.19	MC-TW
MC	367.48	8.38	TW-MC
HV	375.86	13.48	MC-HV
COM	389.34	9.7	HV-COM
HV	399.04	17.1	COM-HV
TW	416.14	9.51	HV-TW
HV	425.65	20.19	TW-HV
CAR	445.84	10.7	HV-CAR
CAR	456.54	14.61	CAR-CAR
HV	471.15	18.82	CAR-HV
CAR	489.97	12.59	HV-CAR
TW	502.56	13.01	CAR-TW
MC	515.57	14.6	TW-MC
TW	530.17	4.94	MC-TW
MC	535.11	6.73	TW-MC
CAR	541.84	10.32	MC-CAR
MC	552.16	8.2	CAR-MC
MC	560.36	11.79	MC-MC
MC	572.15	10.38	MC-MC
TW	582.53	14.18	MC-TW
CAR	596.71	16.04	TW-CAR
MC	612.75	11.95	CAR-MC
TW	624.7	15.53	MC-TW
CAR	640.23	9.17	TW-CAR
TW	649.4	7.87	CAR-TW
MC	657.27	15.25	TW-MC
TW	672.52	10.54	MC-TW
MC	683.06	11.43	TW-MC
HV	694.49	8.93	MC-HV
COM	703.42	9.02	HV-COM
HV	712.44	9.56	COM-HV
TW	722	11.85	HV-TW
CAR	733.85	12.11	TW-CAR
TW	745.96	8.88	CAR-TW
CAR	754.84	9.55	TW-CAR
HV	764.39	16.1	CAR-HV
TW	780.49	9.73	HV-TW
HV	790.22	13.42	TW-HV
COM	803.64	14.17	HV-COM
CAR	817.81	12.91	COM-CAR
CAR	830.72	12.11	CAR-CAR
CAR	842.83	14.48	CAR-CAR
HV	857.31	11.8	CAR-HV
COM	869.11	8.4	HV-COM
TW	877.51	14.55	COM-TW
CAR	892.06		TW-CAR

ANNEX - 1 - Time Headway Data 0-400 Veh/hr Flow Range

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	19
To	Dehiwala	TW	16
Side	LHS	CAR	24
Lane	Inner	COM	17
Video name		HV	15
Time started	12:15 PM	SUM	91
Time finished	12:30 PM		
Traffic count (15Min)	91	Veh	
Traffic flow rate	364	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	10.48	
TW	10.48	7.82	CAR-TW
HV	18.3	4.8	TW-HV
CAR	23.1	10.32	HV-CAR
MC	33.42	9.3	CAR-MC
CAR	42.72	7.69	MC-CAR
HV	50.41	4.86	CAR-HV
COM	55.27	7.91	HV-COM
CAR	63.18	9.49	COM-CAR
TW	72.67	14.95	CAR-TW
HV	87.62	19.5	TW-HV
TW	107.12	9.54	HV-TW
MC	116.66	10.9	TW-MC
COM	127.56	15.33	MC-COM
HV	142.89	15.26	COM-HV
CAR	158.15	7.48	HV-CAR
MC	165.63	13.09	CAR-MC
HV	178.72	7.76	MC-HV
TW	186.48	8.68	HV-TW
MC	195.16	8.77	TW-MC
MC	203.93	11.99	MC-MC
CAR	215.92	8.33	MC-CAR
TW	224.25	13.95	CAR-TW
CAR	238.2	12.48	TW-CAR
HV	250.68	13.25	CAR-HV
COM	263.93	12.05	HV-COM
CAR	275.98	9.67	COM-CAR
HV	285.65	10.1	CAR-HV
HV	295.75	9.13	HV-HV
CAR	304.88	10.73	HV-CAR
MC	315.61	12.39	CAR-MC
CAR	328	5.81	MC-CAR
COM	333.81	7.25	CAR-COM
TW	341.06	12.37	COM-TW
TW	353.43	10.02	TW-TW
HV	363.45	7.39	TW-HV
MC	370.84	9.03	HV-MC
TW	379.87	10.51	MC-TW
TW	390.38	14.3	TW-TW
TW	404.68	11.02	TW-TW
COM	415.7	12.23	TW-COM
COM	427.93	10.23	COM-COM
HV	438.16	10.42	COM-HV
CAR	448.58	9.98	HV-CAR
MC	458.56	12.12	CAR-MC
COM	470.68	7.64	MC-COM
CAR	478.32	12.22	COM-CAR
COM	490.54	8.99	CAR-COM
HV	499.53	11.52	COM-HV
COM	511.05	4.18	HV-COM
CAR	515.23	6.14	COM-CAR
COM	521.37	11.35	CAR-COM
TW	532.72	11.64	COM-TW
HV	544.36	6.18	TW-HV
TW	550.54	14.55	HV-TW
CAR	565.09	11.33	TW-CAR
MC	576.42	15.26	CAR-MC
MC	591.68	10.52	MC-MC
CAR	602.2	10.71	MC-CAR
HV	612.91	7.78	CAR-HV
CAR	620.69	6.46	HV-CAR
MC	627.15	11.74	CAR-MC
HV	638.89	12.26	MC-HV
CAR	651.15	5.78	HV-CAR
TW	656.93	5.5	CAR-TW
MC	662.43	9.37	TW-MC
COM	671.8	16.47	MC-COM
CAR	688.27	8.42	COM-CAR
MC	696.69	7.86	CAR-MC
MC	704.55	13.38	MC-MC
CAR	717.93	14.95	MC-CAR
MC	732.88	9.64	CAR-MC
MC	742.52	9.63	MC-MC
MC	752.15	9.68	MC-MC
CAR	761.83	13.48	MC-CAR
COM	775.31	7.55	CAR-COM
HV	782.86	10.75	COM-HV
CAR	793.61	8.31	HV-CAR
COM	801.92	4.11	CAR-COM
TW	806.03	10.59	COM-TW
TW	816.62	8.2	TW-TW
MC	824.82	7.1	TW-MC
COM	831.92	6.99	MC-COM
TW	838.91	8.75	COM-TW
COM	847.66	7.68	TW-COM
COM	855.34	8.62	COM-COM
CAR	863.96	10.89	COM-CAR
MC	874.85	7.34	CAR-MC
CAR	882.19	4.61	MC-CAR
CAR	886.8	6.68	CAR-CAR
COM	893.48		CAR-COM

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	15
To	Dehiwala	TW	9
Side	LHS	CAR	13
Lane	Inner	COM	24
Video name		HV	14
Time started	1:00 PM	SUM	75
Time finished	1:15 PM		
Traffic count (15Min)	75	Veh	
Traffic flow rate	300	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	12.39	
HV	12.39	11.87	CAR-HV
HV	24.26	5.75	HV-HV
CAR	30.01	16.14	HV-CAR
COM	46.15	9.3	CAR-COM
COM	55.45	13.21	COM-COM
COM	68.66	18.03	COM-COM
MC	86.69	10.55	COM-MC
HV	97.24	23.23	MC-HV
COM	120.47	15.65	HV-COM
CAR	136.12	11.73	COM-CAR
TW	147.85	14.37	CAR-TW
MC	162.22	6.01	TW-MC
TW	168.23	14.77	MC-TW
TW	183	21.3	TW-TW
COM	204.3	14.64	TW-COM
HV	218.94	12.9	COM-HV
HV	231.84	23.28	HV-HV
MC	255.12	11.79	HV-MC
MC	266.91	11.18	MC-MC
TW	278.09	14.08	MC-TW
CAR	292.17	15.56	TW-CAR
COM	307.73	9.32	CAR-COM
COM	317.05	10.95	COM-COM
HV	328	10.78	COM-HV
MC	338.78	14.98	HV-MC
COM	353.76	6.53	MC-COM
TW	360.29	16.26	COM-TW
CAR	376.55	17.42	TW-CAR
COM	393.97	9.7	CAR-COM
COM	403.67	12.94	COM-COM
COM	416.61	10.84	COM-COM
COM	427.45	5.3	COM-COM
CAR	432.75	12.2	COM-CAR
HV	444.95	12.85	CAR-HV
COM	457.8	18.56	HV-COM
CAR	476.36	10	COM-CAR
MC	486.36	11.44	CAR-MC
MC	497.8	12.67	MC-MC
CAR	510.47	5.43	MC-CAR
COM	515.9	10.19	CAR-COM
MC	526.09	6.35	COM-MC
HV	532.44	11.31	MC-HV
MC	543.75	10.77	HV-MC
CAR	554.52	10.02	MC-CAR
HV	564.54	9.07	CAR-HV
COM	573.61	8.66	HV-COM
HV	582.27	11.57	COM-HV
HV	593.84	11.04	HV-HV
CAR	604.88	11.32	HV-CAR
TW	616.2	12.3	CAR-TW
COM	628.5	8.25	TW-COM
COM	636.75	10.8	COM-COM
MC	647.55	13.11	COM-MC
TW	660.66	10.49	MC-TW
HV	671.15	11.81	TW-HV
MC	682.96	14.64	HV-MC
HV	697.6	12.73	MC-HV
MC	710.33	12.17	HV-MC
CAR	722.5	18.57	MC-CAR
TW	741.07	11.58	CAR-TW
COM	752.65	10.9	TW-COM
TW	763.55	10.12	COM-TW
CAR	773.67	7.97	TW-CAR
COM	781.64	8.9	CAR-COM
COM	790.54	13.68	COM-COM
COM	804.22	15.52	COM-COM
CAR	819.74	12.51	COM-CAR
HV	832.25	10.63	CAR-HV
MC	842.88	9.78	HV-MC
MC	852.66	9.84	MC-MC
COM	862.5	13.1	MC-COM
COM	875.6	13.57	COM-COM
MC	889.17	7.94	COM-MC
COM	897.11		MC-COM

Road Name	AB-042 Road	Vehicle summary	
From	Gatabe	MC	24
To	Kandy	TW	11
Side	RHS	CAR	16
Lane	Inner	COM	24
Video name		HV	15
Time started	7:00 AM	SUM	90
Time finished	7:15 AM		
Traffic count (15Min)	90	Veh	
Traffic flow rate	360	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	10.93	
COM	10.93	13.26	MC-COM
COM	24.19	13.43	COM-COM
HV	37.62	5.48	COM-HV
MC	43.1	14.35	HV-MC
MC	57.45	10.31	MC-MC
COM	67.76	14.39	MC-COM
HV	82.15	11.86	COM-HV
TW	94.01	5.5	HV-TW
COM	99.51	6.29	TW-COM
COM	105.8	9.71	COM-COM
MC	115.51	8.99	COM-MC
COM	124.5	7.72	MC-COM
MC	132.22	6.26	COM-MC
TW	138.48	14.11	MC-TW
TW	152.59	8.91	TW-TW
CAR	161.5	7.72	TW-CAR
MC	169.22	9.49	CAR-MC
MC	178.71	10.44	MC-MC
HV	189.15	13.65	MC-HV
COM	202.8	22.18	HV-COM
MC	224.98	13.59	COM-MC
MC	238.57	5.58	MC-MC
CAR	244.15	8.76	MC-CAR
COM	252.91	11.14	CAR-COM
TW	264.05	12.58	COM-TW
HV	276.63	10.94	TW-HV
CAR	287.57	9.47	HV-CAR
TW	297.04	11.9	CAR-TW
COM	308.94	7.11	TW-COM
MC	316.05	10.35	COM-MC
MC	326.4	9.89	MC-MC
HV	336.29	11.73	MC-HV
CAR	348.02	8.94	HV-CAR
MC	356.96	11.06	CAR-MC
HV	368.02	9.53	MC-HV
COM	377.55	10.65	HV-COM
HV	388.2	6.1	COM-HV
COM	394.3	9.95	HV-COM
COM	404.25	8.95	COM-COM
TW	413.2	11.84	COM-TW
CAR	425.04	11.23	TW-CAR
HV	436.27	16.1	CAR-HV
TW	452.37	5.66	HV-TW
CAR	458.03	13.23	TW-CAR
MC	471.26	10.02	CAR-MC
MC	481.28	8.71	MC-MC
COM	489.99	11.99	MC-COM
MC	501.98	14.83	COM-MC
COM	516.81	8.61	MC-COM
COM	525.42	10.55	COM-COM
CAR	535.97	10.31	COM-CAR
MC	546.28	11.41	CAR-MC
COM	557.69	10.46	MC-COM
TW	568.15	14.48	COM-TW
MC	582.63	5.89	TW-MC
HV	588.52	7.52	MC-HV
COM	596.04	5.14	HV-COM
TW	601.18	15.57	COM-TW
COM	616.75	7.66	TW-COM
TW	624.41	4.94	COM-TW
COM	629.35	11.8	TW-COM
COM	641.15	16.69	COM-COM
HV	657.84	12.6	COM-HV
HV	670.44	12.93	HV-HV
CAR	683.37	8.87	HV-CAR
MC	692.24	4.22	CAR-MC
CAR	696.46	7.31	MC-CAR
CAR	703.77	6.35	CAR-CAR
MC	710.12	6.53	CAR-MC
CAR	716.65	6.05	MC-CAR
CAR	722.7	8.35	CAR-CAR
MC	731.05	7.03	CAR-MC
CAR	738.08	7.51	MC-CAR
COM	745.59	11.35	CAR-COM
HV	756.94	8.83	COM-HV
MC	765.77	6.91	HV-MC
CAR	772.68	15.48	MC-CAR
HV	788.16	8.24	CAR-HV
HV	796.4	8.91	HV-HV
CAR	805.31	12.83	HV-CAR
MC	818.14	9.13	CAR-MC
COM	827.27	8.41	MC-COM
MC	835.68	4.86	COM-MC
CAR	840.54	8.51	MC-CAR
COM	849.05	14.05	CAR-COM
MC	863.1	9.97	COM-MC
HV	873.07	11.65	MC-HV
COM	884.72	12.5	HV-COM
TW	897.22		COM-TW

ANNEX - 1 - Time Headway Data 0-400 Veh/hr Flow Range

Road Name	AB-042 Road	Vehicle summary	
From	Gatabe	MC	10
To	Kandy	TW	17
Side	RHS	CAR	12
Lane	Inner	COM	14
Video name		HV	21
Time started	12:00 PM	SUM	74
Time finished	12:15 PM		
Traffic count (15Min)	74	Veh	
Traffic flow rate	296	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	9.84	
TW	9.84	19.25	COM-TW
MC	29.09	13.25	TW-MC
HV	42.34	11.6	MC-HV
MC	53.94	9.65	HV-MC
HV	63.59	16.36	MC-HV
CAR	79.95	12.42	HV-CAR
TW	92.37	9.91	CAR-TW
HV	102.28	8.21	TW-HV
HV	110.49	17.83	HV-HV
TW	128.32	6.84	HV-TW
CAR	135.16	15.49	TW-CAR
HV	150.65	11.49	CAR-HV
TW	162.14	8.85	HV-TW
COM	170.99	10.27	TW-COM
MC	181.26	15.69	COM-MC
TW	196.95	11.94	MC-TW
COM	208.89	13.09	TW-COM
HV	221.98	15.9	COM-HV
TW	237.88	12.7	HV-TW
COM	250.58	11.73	TW-COM
HV	262.31	9.34	COM-HV
CAR	271.65	12.63	HV-CAR
COM	284.28	9.27	CAR-COM
HV	293.55	4.67	COM-HV
CAR	298.22	17.01	HV-CAR
MC	315.23	12.47	CAR-MC
CAR	327.7	15.4	MC-CAR
TW	343.1	10.01	CAR-TW
MC	353.11	15.02	TW-MC
HV	368.13	12.04	MC-HV
TW	380.17	17.45	HV-TW
HV	397.62	16.37	TW-HV
CAR	413.99	15.93	HV-CAR
COM	429.92	8.23	CAR-COM
TW	438.15	17.2	COM-TW
TW	455.35	10.71	TW-TW
HV	466.06	9.1	TW-HV
COM	475.16	9.43	HV-COM
HV	484.59	15.01	COM-HV
TW	499.6	9.04	HV-TW
TW	508.64	9.56	TW-TW
HV	518.2	8.14	TW-HV
HV	526.34	8.87	HV-HV
TW	535.21	9.9	HV-TW
CAR	545.11	10.51	TW-CAR
HV	555.62	10.03	CAR-HV
MC	565.65	16.19	HV-MC
HV	581.84	8.67	MC-HV
COM	590.51	19.46	HV-COM
COM	609.97	7.55	COM-COM
MC	617.52	9.31	COM-MC
COM	626.83	20.23	MC-COM
TW	647.06	10.55	COM-TW
COM	657.61	13.14	TW-COM
COM	670.75	9.74	COM-COM
CAR	680.49	13.54	COM-CAR
CAR	694.03	9.61	CAR-CAR
HV	703.64	13.75	CAR-HV
TW	717.39	14.75	HV-TW
CAR	732.14	15.33	TW-CAR
CAR	747.47	10.39	CAR-CAR
TW	757.86	20.13	CAR-TW
COM	777.99	11.57	TW-COM
CAR	789.56	14.23	COM-CAR
MC	803.79	11.39	CAR-MC
HV	815.18	6.11	MC-HV
MC	821.29	17.08	HV-MC
HV	838.37	13.42	MC-HV
TW	851.79	14.22	HV-TW
MC	866.01	9.29	TW-MC
HV	875.3	12.34	MC-HV
COM	887.64	6.94	HV-COM
HV	894.58		COM-HV

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	18
To	Gatabe	TW	16
Side	LHS	CAR	23
Lane	Inner	COM	12
Video name		HV	31
Time started	12:15 PM	SUM	100
Time finished	12:30 PM		
Traffic count (15Min)	100	Veh	
Traffic flow rate	400	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	15.74	
TW	15.74	7.49	MC-TW
TW	23.23	13.89	TW-TW
CAR	37.12	12.26	TW-CAR
HV	49.38	6.92	CAR-HV
MC	56.3	4.72	HV-MC
COM	61.02	15.77	MC-COM
CAR	76.79	10.27	COM-CAR
HV	87.06	14.71	CAR-HV
HV	101.77	5.65	HV-HV
HV	107.42	8.32	HV-HV
TW	115.74	10.08	HV-TW
COM	125.82	8.77	TW-COM
CAR	134.59	7.81	COM-CAR
HV	142.4	9	CAR-HV
CAR	151.4	13.3	HV-CAR
CAR	164.7	8.02	CAR-CAR
CAR	172.72	9.57	CAR-CAR
HV	182.29	14.25	CAR-HV
TW	196.54	11.58	HV-TW
HV	208.12	6.57	TW-HV
MC	214.69	9.86	HV-MC
MC	224.55	7.72	MC-MC
HV	232.27	9.14	MC-HV
CAR	241.41	11.55	HV-CAR
TW	252.96	6.63	CAR-TW
HV	259.59	14.62	TW-HV
MC	274.21	5.51	HV-MC
HV	279.72	7.7	MC-HV
HV	287.42	10.48	HV-HV
MC	297.9	4.47	HV-MC
TW	302.37	10.64	MC-TW
HV	313.01	5.84	TW-HV
COM	318.85	7.09	HV-COM
COM	325.94	4.25	COM-COM
TW	330.19	14.55	COM-TW
MC	344.74	5.58	TW-MC
HV	350.32	9.9	MC-HV
HV	360.22	6.79	HV-HV
TW	367.01	9.02	HV-TW
HV	376.03	6.76	TW-HV
MC	382.79	10.31	HV-MC
MC	393.1	6.68	MC-MC
CAR	399.78	13.66	MC-CAR
CAR	413.44	3.29	CAR-CAR
HV	416.73	8.27	CAR-HV
COM	425	9.68	HV-COM
MC	434.68	8.27	COM-MC
MC	442.95	4.63	MC-MC
MC	447.58	6.11	MC-MC
CAR	453.69	7.4	MC-CAR
CAR	461.09	7.45	CAR-CAR
TW	468.54	3.72	CAR-TW
CAR	472.26	9.81	TW-CAR
HV	482.07	7.71	CAR-HV
TW	489.78	9.45	HV-TW
CAR	499.23	5.82	TW-CAR
HV	505.05	16.36	CAR-HV
HV	521.41	8.72	HV-HV
HV	530.13	9.71	HV-HV
TW	539.84	4.2	HV-TW
HV	544.04	7.61	TW-HV
MC	551.65	7.49	HV-MC
CAR	559.14	13.17	MC-CAR
HV	572.31	7.95	CAR-HV
HV	580.26	5.58	HV-HV
CAR	585.84	15.62	HV-CAR
HV	601.46	8.75	CAR-HV
HV	610.21	5.62	HV-HV
CAR	615.83	6.79	HV-CAR
CAR	622.62	3.75	CAR-CAR
CAR	626.37	10.46	CAR-CAR
MC	636.83	9.45	CAR-MC
TW	646.28	3.78	MC-TW
CAR	650.06	9.35	TW-CAR
CAR	659.41	10.15	CAR-CAR
TW	669.56	7.7	CAR-TW
COM	677.26	12.32	TW-COM
CAR	689.58	11.35	COM-CAR
COM	700.93	7.29	CAR-COM
HV	708.22	10.71	COM-HV
MC	718.93	12.79	HV-MC
MC	731.72	8.88	MC-MC
TW	740.6	7.53	MC-TW
MC	748.13	14.57	TW-MC
COM	762.7	8.22	MC-COM
HV	770.92	11.4	COM-HV
HV	782.32	10.74	HV-HV
HV	793.06	10.65	HV-HV
TW	803.71	9.2	HV-TW
CAR	812.91	7.52	TW-CAR
CAR	820.43	8.5	CAR-CAR
HV	828.93	7.58	CAR-HV
TW	836.51	16.69	HV-TW
COM	853.2	9.12	TW-COM
HV	862.32	9.88	COM-HV
MC	872.2	8.41	HV-MC
COM	880.61	7.66	MC-COM
COM	888.27	6.16	COM-COM
COM	894.43		COM-COM

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	17
To	Gatabe	TW	18
Side	LHS	CAR	25
Lane	Inner	COM	15
Video name		HV	21
Time started	1:00 PM	SUM	96
Time finished	1:15 PM		
Traffic count (15Min)	96	Veh	
Traffic flow rate	384	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	8.68	
TW	8.68	6.32	CAR-TW
CAR	15	7.83	TW-CAR
HV	22.83	4.64	CAR-HV
CAR	27.47	12.37	HV-CAR
MC	39.84	13.01	CAR-MC
HV	52.85	14.56	MC-HV
CAR	67.41	3.06	HV-CAR
MC	70.47	15.21	CAR-MC
HV	85.68	9.02	MC-HV
HV	94.7	9.67	HV-HV
COM	104.37	13.3	HV-COM
CAR	117.67	13.09	COM-CAR
HV	130.76	10.94	CAR-HV
TW	141.7	8.53	HV-TW
CAR	150.23	5.27	TW-CAR
MC	155.5	11.59	CAR-MC
CAR	167.09	7.89	MC-CAR
TW	174.98	12.43	CAR-TW
TW	187.41	8.82	TW-TW
MC	196.23	13.3	TW-MC
HV	209.53	10.28	MC-HV
TW	219.81	6	HV-TW
HV	225.81	8.93	TW-HV
MC	234.74	13.71	HV-MC
HV	248.45	8.33	MC-HV
CAR	256.78	5.36	HV-CAR
COM	262.14	5.23	CAR-COM
CAR	267.37	10.08	COM-CAR
CAR	277.45	11.97	CAR-CAR
CAR	289.42	22.46	CAR-CAR
CAR	311.88	8.49	CAR-CAR
CAR	320.37	15.61	CAR-CAR
COM	335.98	10.87	CAR-COM
HV	346.85	10.57	COM-HV
MC	357.42	8.84	HV-MC
TW	366.26	7.21	MC-TW
HV	373.47	12.3	TW-HV
COM	385.77	10.17	HV-COM
COM	395.94	11	COM-COM
TW	406.94	4.6	COM-TW
MC	411.54	4.81	TW-MC
HV	416.35	11.9	MC-HV
COM	428.25	12.32	HV-COM
HV	440.57	12.01	COM-HV
HV	452.58	8.2	HV-HV
TW	460.78	5.48	HV-TW
TW	466.26	5.95	TW-TW
TW	472.21	8.44	TW-TW
HV	480.65	7.93	TW-HV
CAR	488.58	5.27	HV-CAR
CAR	493.85	11.93	CAR-CAR
COM	505.78	13.86	CAR-COM
HV	519.64	15.2	COM-HV
CAR	534.84	11.57	HV-CAR
MC	546.41	8.46	CAR-MC
TW	554.87	7.99	MC-TW
TW	562.86	8.04	TW-TW
HV	570.9	10.13	TW-HV
COM	581.03	8.72	HV-COM
HV	589.75	7.64	COM-HV
TW	597.39	5.53	HV-TW
CAR	602.92	8.61	TW-CAR
MC	611.53	9.13	CAR-MC
CAR	620.66	10.81	MC-CAR
HV	631.47	8.92	CAR-HV
CAR	640.39	7.94	HV-CAR
CAR	648.33	8.57	CAR-CAR
CAR	656.9	4.59	CAR-CAR
MC	661.49	3.9	CAR-MC
COM	665.39	11.15	MC-COM
COM	676.54	12.13	COM-COM
TW	688.67	7.56	COM-TW
MC	696.23	9.3	TW-MC
MC	705.53	7.92	MC-MC
COM	713.45	7.08	MC-COM
CAR	720.53	17.61	COM-CAR
TW	738.14	14.92	CAR-TW
COM	753.06	12.57	TW-COM
CAR	765.63	7.3	COM-CAR
COM	772.93	14.5	CAR-COM
COM	787.43	8.3	COM-COM
MC	795.73	6.47	COM-MC
MC	802.2	7.66	MC-MC
MC	809.86	14.13	MC-MC
HV	823.99	11.46	MC-HV
TW	835.45	10.11	HV-TW
TW	845.56	7.35	TW-TW
HV	852.91	8.27	TW-HV
TW	861.18	8.83	HV-TW
HV	870.01	6.41	TW-HV
CAR	876.42	4.65	HV-CAR
CAR	881.07	9.43	CAR-CAR
MC	890.5	8.35	CAR-MC
COM	898.85	1.15	MC-COM
MC	900		COM-MC

ANNEX - 1 - Time Headway Data 0-400 Veh/hr Flow Range

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	17
To	Gatabe	TW	16
Side	LHS	CAR	25
Lane	Inner	COM	22
Video name		HV	19
Time started	4:00 PM	SUM	99
Time finished	4:15 PM		
Traffic count (15Min)	99	Veh	
Traffic flow rate	396	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	15.09	
TW	15.09	4.92	COM-TW
CAR	20.01	8.26	TW-CAR
TW	28.27	9.22	CAR-TW
MC	37.49	13.64	TW-MC
CAR	51.13	3.15	MC-CAR
HV	54.28	6.71	CAR-HV
MC	60.99	17.05	HV-MC
HV	78.04	10.54	MC-HV
TW	88.58	6.05	HV-TW
TW	94.63	9.43	TW-TW
MC	104.06	7.9	TW-MC
TW	111.96	5.74	MC-TW
COM	117.7	7.84	TW-COM
TW	125.54	8.46	COM-TW
CAR	134	13.24	TW-CAR
COM	147.24	10.7	CAR-COM
COM	157.94	4.85	COM-COM
HV	162.79	8.07	COM-HV
COM	170.86	4.72	HV-COM
HV	175.58	6.88	COM-HV
MC	182.46	7.38	HV-MC
CAR	189.84	12.23	MC-CAR
MC	202.07	8.52	CAR-MC
HV	210.59	12.27	MC-HV
CAR	222.86	6.99	HV-CAR
TW	229.85	7.09	CAR-TW
CAR	236.94	15.69	TW-CAR
CAR	252.63	12.8	CAR-CAR
MC	265.43	5.59	CAR-MC
COM	271.02	15.41	MC-COM
HV	286.43	10.56	COM-HV
CAR	296.99	9.02	HV-CAR
HV	306.01	8.2	CAR-HV
COM	314.21	6.08	HV-COM
CAR	320.29	10.56	COM-CAR
CAR	330.85	7.55	CAR-CAR
HV	338.4	4.81	CAR-HV
CAR	343.21	6.08	HV-CAR
COM	349.29	10.24	CAR-COM
HV	359.53	14.09	COM-HV
HV	373.62	13.57	HV-HV
COM	387.19	11.4	HV-COM
CAR	398.59	11.7	COM-CAR
MC	410.29	14.42	CAR-MC
COM	424.71	7	MC-COM
CAR	431.71	3.87	COM-CAR
COM	435.58	5.6	CAR-COM
TW	441.18	5.88	COM-TW
MC	447.06	12.03	TW-MC
MC	459.09	5.79	MC-MC
MC	464.88	7.85	MC-MC
HV	472.73	12.4	MC-HV
HV	485.13	5.11	HV-HV
CAR	490.24	17.27	HV-CAR
HV	507.51	7.43	CAR-HV
COM	514.94	9.05	HV-COM
COM	523.99	10.15	COM-COM
TW	534.14	14.27	COM-TW
COM	548.41	8.96	TW-COM
COM	557.37	8.67	COM-COM
CAR	566.04	8.63	COM-CAR
TW	574.67	5.02	CAR-TW
CAR	579.69	7.39	TW-CAR
CAR	587.08	8.99	CAR-CAR
MC	596.07	5.58	CAR-MC
CAR	601.65	18.65	MC-CAR
COM	620.3	11.81	CAR-COM
MC	632.11	9.3	COM-MC
HV	641.41	7.43	MC-HV
MC	648.84	8.19	HV-MC
MC	657.03	9.7	MC-MC
TW	666.73	11.95	MC-TW
CAR	678.68	10.59	TW-CAR
TW	689.27	16.01	CAR-TW
CAR	705.28	8.82	TW-CAR
CAR	714.1	8.12	CAR-CAR
TW	722.22	3.41	CAR-TW
HV	725.63	6.26	TW-HV
COM	731.89	4.58	HV-COM
HV	736.47	6.48	COM-HV
CAR	742.95	7.57	HV-CAR
MC	750.52	8.78	CAR-MC
MC	759.3	9.55	MC-MC
COM	768.85	9.36	MC-COM
TW	778.21	11.9	COM-TW
CAR	790.11	9.4	TW-CAR
COM	799.51	8.6	CAR-COM
COM	808.11	8.5	COM-COM
CAR	816.61	12.02	COM-CAR
HV	828.63	13.66	CAR-HV
CAR	842.29	8.19	HV-CAR
COM	850.48	7.54	CAR-COM
HV	858.02	7.22	COM-HV
TW	865.24	12.4	HV-TW
COM	877.64	6.62	TW-COM
MC	884.26	12.61	COM-MC
HV	896.87	2.41	MC-HV
TW	899.28		HV-TW

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	17
To	Gatabe	TW	17
Side	LHS	CAR	21
Lane	Inner	COM	17
Video name		HV	21
Time started	5:30 PM	SUM	93
Time finished	5:45 PM		
Traffic count (15Min)	93	Veh	
Traffic flow rate	372	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
TW	0	13.68	
COM	13.68	7.3	TW-COM
TW	20.98	5.59	COM-TW
COM	26.57	5.92	TW-COM
COM	32.49	8.9	COM-COM
MC	41.39	9.13	COM-MC
COM	50.52	15.18	MC-COM
COM	65.7	9.01	COM-COM
HV	74.71	7.78	COM-HV
CAR	82.49	9.23	HV-CAR
TW	91.72	14.38	CAR-TW
COM	106.1	11	TW-COM
HV	117.1	10.77	COM-HV
CAR	127.87	9.78	HV-CAR
HV	137.65	15.69	CAR-HV
TW	153.34	13.84	HV-TW
COM	167.18	13.19	TW-COM
HV	180.37	7.21	COM-HV
MC	187.58	13.31	HV-MC
CAR	200.89	7.6	MC-CAR
HV	208.49	8.47	CAR-HV
CAR	216.96	14.55	HV-CAR
HV	231.51	14.1	CAR-HV
CAR	245.61	8.39	HV-CAR
HV	254	7.76	CAR-HV
COM	261.76	9.92	HV-COM
COM	271.68	12.65	COM-COM
CAR	284.33	5.52	COM-CAR
TW	289.85	9.55	CAR-TW
MC	299.4	8.41	TW-MC
HV	307.81	10.64	MC-HV
CAR	318.45	7.46	HV-CAR
MC	325.91	8.65	CAR-MC
HV	334.56	17.45	MC-HV
HV	352.01	11.19	HV-HV
HV	363.2	9.29	HV-HV
HV	372.49	7.78	HV-HV
MC	380.27	6.07	HV-MC
HV	386.34	12.05	MC-HV
MC	398.39	9.33	HV-MC
MC	407.72	8.38	MC-MC
TW	416.1	7.72	MC-TW
MC	423.82	7.53	TW-MC
HV	431.35	5.91	MC-HV
COM	437.26	11.44	HV-COM
CAR	448.7	7.82	COM-CAR
CAR	456.52	5.65	CAR-CAR
TW	462.17	10.22	CAR-TW
COM	472.39	10.65	TW-COM
MC	483.04	12.76	COM-MC
CAR	495.8	12.23	MC-CAR
HV	508.03	8.28	CAR-HV
CAR	516.31	13.53	HV-CAR
CAR	529.84	11.23	CAR-CAR
CAR	541.07	10.93	CAR-CAR
TW	552	9.33	CAR-TW
TW	561.33	10.49	TW-TW
CAR	571.82	11.8	TW-CAR
CAR	583.62	10.94	CAR-CAR
TW	594.56	6.35	CAR-TW
COM	600.91	9.42	TW-COM
CAR	610.33	10.53	COM-CAR
COM	620.86	5.1	CAR-COM
HV	625.96	9.44	COM-HV
MC	635.4	12.64	HV-MC
COM	648.04	4.43	MC-COM
TW	652.47	6.01	COM-TW
COM	658.48	9.91	TW-COM
HV	668.39	14.33	COM-HV
MC	682.72	7.33	HV-MC
CAR	690.05	10.14	MC-CAR
COM	700.19	11.19	CAR-COM
CAR	711.38	11.95	COM-CAR
TW	723.33	10.42	CAR-TW
HV	733.75	16.45	TW-HV
MC	750.2	9.65	HV-MC
CAR	759.85	5.09	MC-CAR
HV	764.94	7.72	CAR-HV
TW	772.66	9.42	HV-TW
MC	782.08	4.79	TW-MC
CAR	786.87	13.88	MC-CAR
TW	800.75	9.52	CAR-TW
TW	810.27	6.05	TW-TW
HV	816.32	6.62	TW-HV
COM	822.94	10.08	HV-COM
HV	833.02	14.52	COM-HV
MC	847.54	8.01	HV-MC
MC	855.55	12.4	MC-MC
TW	867.95	9.34	MC-TW
TW	877.29	13.51	TW-TW
MC	890.8	5.78	TW-MC
CAR	896.58	3.35	MC-CAR
MC	899.93		CAR-MC

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	16
To	Gatabe	TW	21
Side	LHS	CAR	27
Lane	Inner	COM	21
Video name		HV	14
Time started	5:45 PM	SUM	99
Time finished	6:00 AM		
Traffic count (15Min)	99	Veh	
Traffic flow rate	396	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	6.89	
MC	6.89	6.63	MC-MC
CAR	13.52	10.46	MC-CAR
COM	23.98	8.47	CAR-COM
MC	32.45	8.53	COM-MC
MC	40.98	10.35	MC-MC
TW	51.33	9	MC-TW
MC	60.33	12.32	TW-MC
CAR	72.65	14.01	MC-CAR
COM	86.66	10.24	CAR-COM
CAR	96.9	14.93	COM-CAR
COM	111.83	7.17	CAR-COM
COM	119	12.19	COM-COM
HV	131.19	8.83	COM-HV
COM	140.02	11.29	HV-COM
TW	151.31	10.08	COM-TW
HV	161.39	11.36	TW-HV
CAR	172.75	6.01	HV-CAR
HV	178.76	5.92	CAR-HV
HV	184.68	6.35	HV-HV
TW	191.03	9.12	HV-TW
HV	200.15	7.29	TW-HV
CAR	207.44	10.6	HV-CAR
CAR	218.04	8.98	CAR-CAR
TW	227.02	9.51	CAR-TW
CAR	236.53	9.27	TW-CAR
MC	245.8	8.95	CAR-MC
CAR	254.75	11.12	MC-CAR
TW	265.87	8.67	CAR-TW
MC	274.54	13.67	TW-MC
COM	288.21	7.24	MC-COM
MC	295.45	12.18	COM-MC
TW	307.63	9.72	MC-TW
MC	317.35	6.05	TW-MC
MC	323.4	11.55	MC-MC
COM	334.95	8.86	MC-COM
CAR	343.81	9.47	COM-CAR
HV	353.28	15	CAR-HV
CAR	368.28	6.78	HV-CAR
CAR	375.06	5.64	CAR-CAR
CAR	380.7	8.39	CAR-CAR
CAR	389.09	7.77	CAR-CAR
HV	396.86	15.19	CAR-HV
CAR	412.05	8.53	HV-CAR
COM	420.58	7.11	CAR-COM
CAR	427.69	10.76	COM-CAR
CAR	438.45	5.94	CAR-CAR
COM	444.39	5.28	CAR-COM
HV	449.67	9.1	COM-HV
CAR	458.77	7.94	HV-CAR
HV	466.71	5.47	CAR-HV
COM	472.18	11.36	HV-COM
MC	483.54	10.31	COM-MC
TW	493.85	11.89	MC-TW
MC	505.74	13.03	TW-MC
HV	518.77	15.8	MC-HV
TW	534.57	8.88	HV-TW
TW	543.45	9.47	TW-TW
TW	552.92	7.57	TW-TW
CAR	560.49	9.41	TW-CAR
COM	569.9	9.67	CAR-COM
HV	579.57	8.79	COM-HV
MC	588.36	9.48	HV-MC
TW	597.84	9.74	MC-TW
TW	607.58	9.91	TW-TW
COM	617.49	9.9	TW-COM
TW	627.39	7.73	COM-TW
HV	635.12	7.49	TW-HV
TW	642.61	9.34	HV-TW
CAR	651.95	5.46	TW-CAR
MC	657.41	10.02	CAR-MC
MC	667.43	10.5	MC-MC
CAR	677.93	8.89	MC-CAR
CAR	686.82	9.69	CAR-CAR
COM	696.51	9.87	CAR-COM
TW	706.38	5.45	COM-TW
MC	711.83	9.41	TW-MC
TW	721.24	6.12	MC-TW
COM	727.36	9.78	TW-COM
COM	737.14	5.9	COM-COM
TW	743.04	8.79	COM-TW
TW	751.83	11.42	TW-TW
COM	763.25	6.42	TW-COM
CAR	769.67	9.56	COM-CAR
COM	779.23	6.96	CAR-COM
COM	786.19	8.62	COM-COM
HV	794.81	10.46	COM-HV
COM	805.27	7.49	HV-COM
HV	812.76	8.68	COM-HV
CAR	821.44	3.9	HV-CAR
TW	825.34	6.91	CAR-TW
CAR	832.25	6.58	TW-CAR
TW	838.83	11.79	CAR-TW
COM	850.62	5.3	TW-COM
CAR	855.92	7.52	COM-CAR
TW	863.44	7.41	CAR-TW
COM	870.85	8.5	TW-COM
CAR	879.35	14.89	COM-CAR
CAR	894.24		CAR-CAR

APPENDIX - 2:

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	A4 - Road	Vehicle summary	
From	Kottawa	MC	50
To	Colombo	TW	46
Side	RHS	CAR	37
Lane	Inner	COM	45
Video name	0	HV	43
Time started	7:15 AM	SUM	221
Time finished	7:30 AM		
Traffic count (15Min)	221	Veh	
Traffic flow rate	884	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0.00	2.38	
COM	2.38	3.23	MC-COM
TW	5.61	3.15	COM-TW
HV	8.76	5.62	TW-HV
TW	14.38	4.06	HV-TW
CAR	18.44	1.52	TW-CAR
MC	19.96	5.05	CAR-MC
HV	25.01	4.79	MC-HV
TW	29.80	7.74	HV-TW
CAR	37.54	4.45	TW-CAR
CAR	41.99	4.78	CAR-CAR
TW	46.77	2.9	CAR-TW
MC	49.67	6.88	TW-MC
COM	56.55	1.51	MC-COM
CAR	58.06	3.63	COM-CAR
MC	61.69	2.5	CAR-MC
TW	64.19	1.89	MC-TW
CAR	66.08	4.16	TW-CAR
CAR	70.24	1.47	CAR-CAR
HV	71.71	5.96	CAR-HV
TW	77.67	7.48	HV-TW
COM	85.15	3.17	TW-COM
MC	88.32	5.43	COM-MC
MC	93.75	6.77	MC-MC
HV	100.52	9.73	MC-HV
COM	110.25	8.38	HV-COM
COM	118.63	2.5	COM-COM
COM	121.13	3.66	COM-COM
HV	124.79	3.61	COM-HV
TW	128.40	4.05	HV-TW
MC	132.45	4.26	TW-MC
TW	136.71	5.36	MC-TW
MC	142.07	3.07	TW-MC
HV	145.14	1.51	MC-HV
CAR	146.65	4.41	HV-CAR
CAR	151.06	6.72	CAR-CAR
COM	157.78	5.04	CAR-COM
HV	162.82	4.3	COM-HV
MC	167.12	8.25	HV-MC
HV	175.37	2.46	MC-HV
TW	177.83	8.11	HV-TW
TW	185.94	3.18	TW-TW
MC	189.12	4.97	TW-MC
COM	194.09	6.83	MC-COM
HV	200.92	2.38	COM-HV
COM	203.30	3.87	HV-COM
TW	207.17	4.84	COM-TW
MC	212.01	1.31	TW-MC
COM	213.32	4.38	MC-COM
COM	217.70	4.16	COM-COM
MC	221.86	6.22	COM-MC
TW	228.08	4.02	MC-TW
TW	232.10	4.23	TW-TW
MC	236.33	6.7	TW-MC
HV	243.03	2.26	MC-HV
MC	245.29	1.86	HV-MC
HV	247.15	1.23	MC-HV
TW	248.38	4.87	HV-TW
HV	253.25	4.6	TW-HV
HV	257.85	3.14	HV-HV
COM	260.99	1.78	HV-COM
MC	262.77	8.51	COM-MC
MC	271.28	4.04	MC-MC
COM	275.32	3.38	MC-COM
HV	278.70	2.06	COM-HV
TW	280.76	2.22	HV-TW
HV	282.98	2.26	TW-HV
COM	285.24	3.69	HV-COM
MC	288.93	5.38	COM-MC
HV	294.31	1.98	MC-HV
COM	296.29	6	HV-COM
MC	302.29	3.85	COM-MC
CAR	306.14	6.59	MC-CAR
TW	312.73	3.83	CAR-TW
COM	316.56	2	TW-COM
HV	318.56	1.35	COM-HV
COM	319.91	4.52	HV-COM
COM	324.43	3.1	COM-COM
MC	327.53	2.71	COM-MC
MC	330.24	2.02	MC-MC
HV	332.26	1.36	MC-HV
HV	333.62	5.75	HV-HV
TW	339.37	2.26	HV-TW
CAR	341.63	7.47	TW-CAR
CAR	349.10	4.02	CAR-CAR
CAR	353.12	4.78	CAR-CAR
TW	357.90	3.39	CAR-TW
MC	361.29	3.56	TW-MC
MC	364.85	2.37	MC-MC
HV	367.22	2.18	MC-HV
COM	369.40	2.27	HV-COM
MC	371.67	2.58	COM-MC
TW	374.25	3.55	MC-TW
COM	377.80	2.88	TW-COM
HV	380.68	5.93	COM-HV
MC	386.61	6.31	HV-MC
TW	392.92	0.77	MC-TW
MC	393.69	3.87	TW-MC
HV	397.56	9.52	MC-HV
MC	407.08	2.09	HV-MC
CAR	409.17	3.8	MC-CAR
CAR	412.97	2.67	CAR-CAR
CAR	415.64	3.42	CAR-CAR
CAR	419.06	3.19	CAR-CAR
CAR	422.25	3.42	CAR-CAR
MC	425.67	1.8	CAR-MC
MC	427.47	0.68	MC-MC
COM	428.15	1.3	MC-COM
TW	429.45	7.01	COM-TW
CAR	436.46	2	TW-CAR
COM	438.46	4.15	CAR-COM
TW	442.61	3.7	COM-TW
CAR	446.31	3.13	TW-CAR
TW	449.44	5.8	CAR-TW
MC	455.24	7.35	TW-MC
COM	462.59	3.68	MC-COM
HV	466.27	5.64	COM-HV
COM	471.91	4.42	HV-COM
TW	476.33	5.97	COM-TW
HV	482.30	3.35	TW-HV
MC	485.65	2.4	HV-MC
TW	488.05	4.99	MC-TW
MC	493.04	2.41	TW-MC
MC	495.45	5.01	MC-MC
TW	500.46	4.5	MC-TW
MC	504.96	4.21	TW-MC
CAR	509.17	2.37	MC-CAR
MC	511.54	3.63	CAR-MC
COM	515.17	5.21	MC-COM
TW	520.38	4.01	COM-TW
CAR	524.39	7.8	TW-CAR
TW	532.19	4.62	CAR-TW
MC	536.81	6.55	TW-MC
TW	543.36	4.89	MC-TW
COM	548.25	6.38	TW-COM
TW	554.63	6.75	COM-TW
TW	561.38	2.2	TW-TW
COM	563.58	4.43	TW-COM

Road Name	A4 - Road	Vehicle summary	
From	Kottawa	MC	64
To	Colombo	TW	47
Side	RHS	CAR	39
Lane	Inner	COM	64
Video name	300	HV	63
Time started	7:30 AM	SUM	277
Time finished	7:45 AM		
Traffic count (15Min)	277	Veh	
Traffic flow rate	1108	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
HV	0.00	1.8	
COM	1.80	1.79	HV-COM
HV	3.59	4.76	COM-HV
COM	8.35	6.41	HV-COM
COM	14.76	2.98	COM-COM
HV	17.74	0.57	COM-HV
HV	18.31	2.27	HV-HV
MC	20.58	1.89	HV-MC
COM	22.47	0.63	MC-COM
COM	23.10	3.65	COM-COM
MC	26.75	1.53	COM-MC
COM	28.28	1.62	MC-COM
TW	29.90	4.65	COM-TW
COM	34.55	6.47	TW-COM
CAR	41.02	0.99	COM-CAR
MC	42.01	0.98	CAR-MC
MC	42.99	4.71	MC-MC
TW	47.70	2.92	MC-TW
CAR	50.62	4.11	TW-CAR
MC	54.73	3.06	CAR-MC
MC	57.79	2.11	MC-MC
TW	59.90	4.28	MC-TW
COM	64.18	5.77	TW-COM
TW	69.95	6.1	COM-TW
HV	76.05	3.99	TW-HV
TW	80.04	3.96	HV-TW
CAR	84.00	0.89	TW-CAR
HV	84.89	0.63	CAR-HV
MC	85.52	3.78	HV-MC
MC	89.30	3.33	MC-MC
HV	92.63	4.24	MC-HV
HV	96.87	3.47	HV-HV
TW	100.34	4.85	HV-TW
MC	105.19	4.06	TW-MC
TW	109.25	1.45	MC-TW
CAR	110.70	4.08	TW-CAR
MC	114.78	3.14	CAR-MC
HV	117.92	0.72	MC-HV
CAR	118.64	5.08	HV-CAR
CAR	123.72	3.44	CAR-CAR
HV	127.16	4.75	CAR-HV
CAR	131.91	4.57	HV-CAR
HV	136.48	2	CAR-HV
MC	138.48	5.88	HV-MC
HV	144.36	1.35	MC-HV
TW	145.71	4.44	HV-TW
CAR	150.15	5.06	TW-CAR
COM	155.21	1.29	CAR-COM
HV	156.50	4.18	COM-HV
CAR	160.68	2.85	HV-CAR
CAR	163.53	1.52	CAR-CAR
TW	165.05	3.12	CAR-TW
COM	168.17	1.78	TW-COM
COM	169.95	4.29	COM-COM
HV	174.24	2.09	COM-HV
HV	176.33	1.88	HV-HV
TW	178.21	2.07	HV-TW
COM	180.28	3.43	TW-COM
TW	183.71	1.77	COM-TW
HV	185.48	1.89	TW-HV
MC	187.37	1.31	HV-MC
TW	188.68	2.13	MC-TW
HV	190.81	2.87	TW-HV
HV	193.68	3.4	HV-HV
MC	197.08	0.72	HV-MC
CAR	197.80	5.52	MC-CAR
CAR	203.32	4.78	CAR-CAR
COM	208.10	1.82	CAR-COM
CAR	209.92	2.56	COM-CAR
HV	212.48	3.43	CAR-HV
CAR	215.91	3.58	HV-CAR
MC	219.49	2.57	CAR-MC
COM	222.06	0.45	MC-COM
MC	222.51	2.02	COM-MC
HV	224.53	3.24	MC-HV
MC	227.77	10.4	HV-MC
HV	238.17	6.62	MC-HV
HV	244.79	2.37	HV-HV
HV	247.16	4.99	HV-HV
COM	252.15	4.52	HV-COM
TW	256.67	4.36	COM-TW
CAR	261.03	3.93	TW-CAR
CAR	264.96	6.34	CAR-CAR
MC	271.30	5.4	CAR-MC
MC	276.70	0.84	MC-MC
HV	277.54	2.68	MC-HV
COM	280.22	2.18	HV-COM
MC	282.40	4.36	COM-MC
HV	286.76	4.93	MC-HV
TW	291.69	2.37	HV-TW
HV	294.06	5.14	TW-HV
CAR	299.20	6.6	HV-CAR
HV	305.80	1.51	CAR-HV
TW	307.31	1.85	HV-TW
MC	309.16	2.1	TW-MC
MC	311.26	4.58	MC-MC
MC	315.84	2.95	MC-MC
MC	318.79	3.75	MC-MC
COM	322.54	4.87	MC-COM
HV	327.41	2.71	COM-HV
CAR	330.12	5.38	HV-CAR
MC	335.50	1.22	CAR-MC
TW	336.72	6.16	MC-TW
COM	342.88	6.48	TW-COM
TW	349.36	2.54	COM-TW
MC	351.90	3.15	TW-MC
HV	355.05	6.1	MC-HV
MC	361.15	2.36	HV-MC
CAR	363.51	4.26	MC-CAR
COM	367.77	6.49	CAR-COM
TW	374.26	2.17	COM-TW
MC	376.43	2.53	TW-MC
TW	378.96	2.74	MC-TW
HV	381.70	7.18	TW-HV
TW	388.88	2.24	HV-TW
CAR	391.12	1.76	TW-CAR
COM	392.88	0.94	CAR-COM
MC	393.82	2.26	COM-MC
CAR	396.08	2.89	MC-CAR
MC	398.97	3.15	CAR-MC
CAR	402.12	1.46	MC-CAR
HV	403.58	5.72	CAR-HV
TW	409.30	2.17	HV-TW
MC	411.47	5.29	TW-MC
HV	416.76	2.05	MC-HV
COM	418.81	3.03	HV-COM
COM	421.84	1.5	COM-COM
COM	423.34	4.55	COM-COM
HV	427.89	6.06	COM-HV
MC	433.95	6.83	HV-MC
HV	440.78	1.26	MC-HV
CAR	442.04	0.92	HV-CAR
COM	442.96	2.29	CAR-COM
COM	445.25	1.91	COM-COM
COM	447.16	1.47	COM-COM
MC	448.63	3.79	COM-MC
MC	452.42	1.79	MC-MC
MC	454.21	1.64	MC-MC

Road Name	A4 - Road	Vehicle summary	
From	Kottawa	MC	45
To	Colombo	TW	44
Side	RHS	CAR	40
Lane	Inner	COM	55
Video name	600	HV	50
Time started	8:30 AM	SUM	234
Time finished	8:45 AM		
Traffic count (15Min)	234	Veh	
Traffic flow rate	936	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
HV	0.00	4.56	
COM	4.56	2.22	HV-COM
COM	6.78	3.24	COM-COM
CAR	10.02	5.5	COM-CAR
MC	15.52	6.57	CAR-MC
MC	22.09	3.41	MC-MC
TW	25.50	2.72	MC-TW
TW	28.22	4.62	TW-TW
TW	32.84	4.96	TW-TW
COM	37.80	5.01	TW-COM
HV	42.81	2.21	COM-HV
CAR	45.02	7.31	HV-CAR
HV	52.33	2.47	CAR-HV
CAR	54.80	6.22	HV-CAR
COM	61.02	3.21	CAR-COM
HV	64.23	4.01	COM-HV
MC	68.24	2.19	HV-MC
COM	70.43	2.69	MC-COM
CAR	73.12	6.22	COM-CAR
TW	79.34	3.52	CAR-TW
CAR	82.86	2.39	TW-CAR
HV	85.25	5.3	CAR-HV
HV	90.55	2.77	HV-HV
CAR	93.32	2.18	HV-CAR
HV	95.50	4.71	CAR-HV
TW	100.21	5.29	HV-TW
COM	105.50	3.27	TW-COM
HV	108.77	2.02	COM-HV
HV	110.79	2.42	HV-HV
MC	113.21	6.32	HV-MC
COM	119.53	5.72	MC-COM
COM	125.25	3.63	COM-COM
TW	128.88	3.41	COM-TW
TW	132.29	4.13	TW-TW
COM	136.42	4.69	TW-COM
HV	141.11	6.01	COM-HV
COM	147.12	2.55	HV-COM
COM	149.67	1.84	COM-COM
MC	151.51	3.44	COM-MC
COM	154.95	8.68	MC-COM
HV	163.63	6.48	COM-HV
TW	170.11	4.12	HV-TW
HV	174.23	2.01	TW-HV
MC	176.24	4.35	HV-MC
MC	180.59	3.41	MC-MC
HV	184.00	3.19	MC-HV
TW	187.19	1.19	HV-TW
COM	188.38	4.1	TW-COM
MC	192.48	6.72	COM-MC
MC	199.20	4.91	MC-MC
MC	204.11	2.35	MC-MC
TW	206.46	1.67	MC-TW
TW	208.13	2.23	TW-TW
HV	210.36	0.78	TW-HV
HV	211.14	2.89	HV-HV
COM	214.03	4.62	HV-COM
TW	218.65	3.67	COM-TW
TW	222.32	5.62	TW-TW
TW	227.94	1.6	TW-TW
COM	229.54	2.41	TW-COM
CAR	231.95	1.66	COM-CAR
COM	233.61	8.67	CAR-COM
TW	242.28	5.84	COM-TW
COM	248.12	2.75	TW-COM
TW	250.87	8.38	COM-TW
MC	259.25	10	TW-MC
MC	269.25	3.33	MC-MC
COM	272.58	3.62	MC-COM
COM	276.20	1.25	COM-COM
HV	277.45	4.24	COM-HV
COM	281.69	6.29	HV-COM
MC	287.98	3.76	COM-MC
CAR	291.74	5	MC-CAR
COM	296.74	2.99	CAR-COM
TW	299.73	0.78	COM-TW
COM	300.51	4.84	TW-COM
MC	305.35	4.02	COM-MC
CAR	309.37	2.11	MC-CAR
HV	311.48	2.03	CAR-HV
MC	313.51	4.69	HV-MC
HV	318.20	1.99	MC-HV
HV	320.19	3.24	HV-HV
HV	323.43	2.75	HV-HV
COM	326.18	2.75	HV-COM
COM	328.93	5.49	COM-COM
COM	334.42	2.23	COM-COM
TW	336.65	4.4	COM-TW
CAR	341.05	3.7	TW-CAR
HV	344.75	5.4	CAR-HV
COM	350.15	4.57	HV-COM
HV	354.72	1.9	COM-HV
COM	356.62	4.68	HV-COM
HV	361.30	0.51	COM-HV
TW	361.81	2.61	HV-TW
HV	364.42	4.59	TW-HV
HV	369.01	2.68	HV-HV
HV	371.69	4.7	HV-HV
MC	376.39	4.77	HV-MC
COM	381.16	3.93	MC-COM
MC	385.09	1.89	COM-MC
COM	386.98	3.75	MC-COM
COM	390.73	2.29	COM-COM
COM	393.02	4.45	COM-COM
CAR	397.47	4.82	COM-CAR
HV	402.29	4.98	CAR-HV
TW	407.27	1.94	HV-TW
CAR	409.21	5.42	TW-CAR
CAR	414.63	3.72	CAR-CAR
HV	418.35	5.9	CAR-HV
MC	424.25	2.34	HV-MC
CAR	426.59	3.36	MC-CAR
CAR	429.95	4.09	CAR-CAR
MC	434.04	6.3	CAR-MC
COM	440.34	4.67	MC-COM
COM	445.01	6.75	COM-COM
CAR	451.76	4.99	COM-CAR
MC	456.75	1.09	CAR-MC
COM	457.84	2.42	MC-COM
COM	460.26	3.45	COM-COM
TW	463.71	4.56	COM-TW
MC	468.27	3.02	TW-MC
MC	471.29	5.45	MC-MC
CAR	476.74	1.53	MC-CAR
MC	478.27	2.36	CAR-MC
MC	480.63	6.8	MC-MC
HV	487.43	0.5	MC-HV
TW	487.93	5.56	HV-TW
CAR	493.49	3.9	TW-CAR
CAR	499.79	1.89	TW-CAR
TW	501.68	5.56	CAR-TW
MC	507.24	5.54	TW-MC
MC	512.78	3.3	MC-MC
TW	516.08	2.94	MC-TW
MC	519.02	3.17	TW-MC
TW	522.19	2.59	MC-TW
MC	524.78	3.78	TW-MC
CAR	528.56	1.6	MC-CAR

COM	568.01	4.98	COM–COM
CAR	572.99	3.31	COM–CAR
HV	576.30	7.23	CAR–HV
TW	583.53	2.01	HV–TW
HV	585.54	5.19	TW–HV
CAR	590.73	4.16	HV–CAR
CAR	594.89	3.41	CAR–CAR
TW	602.30	3.8	CAR–TW
HV	602.10	1.89	TW–HV
CAR	603.99	4.96	HV–CAR
TW	608.95	2.47	CAR–TW
TW	611.42	4.99	TW–TW
HV	616.41	2.73	TW–COM
MC	619.14	0.7	COM–MC
HV	619.84	1.39	MC–HV
CAR	621.23	8.7	HV–CAR
COM	629.93	1.94	CAR–COM
HV	631.87	4.29	COM–HV
HV	636.16	3.8	HV–HV
HV	639.96	4.31	HV–HV
CAR	644.27	7.78	HV–CAR
HV	652.05	7.23	CAR–CAR
HV	659.28	3.34	CAR–CAR
HV	662.62	3.14	CAR–HV
MC	665.76	6.1	HV–MC
HV	671.86	3.27	MC–HV
MC	675.13	1.52	HV–MC
TW	676.65	1.61	MC–TW
TW	678.26	1.9	TW–TW
CAR	680.16	8.17	TW–CAR
HV	688.33	3.08	CAR–HV
CAR	691.41	4.63	HV–CAR
COM	696.04	3	CAR–COM
TW	699.04	1.98	COM–TW
MC	701.02	2.74	TW–MC
HV	703.76	4.96	MC–HV
COM	708.72	3.53	HV–COM
COM	712.75	3.03	COM–COM
TW	715.28	7.34	COM–TW
CAR	722.62	8.34	TW–CAR
MC	730.96	5.08	CAR–MC
COM	736.04	6.32	MC–COM
CAR	742.36	4.6	COM–CAR
HV	746.96	7.1	CAR–HV
TW	754.06	3.4	HV–TW
COM	757.46	6.54	TW–COM
TW	764.00	3.34	COM–TW
TW	767.34	3.99	TW–TW
MC	771.33	5.95	TW–MC
COM	777.28	1.8	MC–COM
CAR	780.82	6.52	COM–CAR
COM	782.14	2.68	HV–COM
HV	797.45	4.69	COM–HV
COM	788.18	9.27	MC–COM
MC	783.49	4.69	COM–MC
COM	779.08	4.41	COM–COM
MC	811.34	3.7	CAR–MC
MC	815.04	2.61	MC–MC
CAR	817.65	4.26	MC–CAR
MC	821.91	2.55	CAR–MC
CAR	826.53	4.8	COM–MC
COM	824.46	2.07	MC–COM
HV	831.33	5.86	MC–HV
HV	837.19	3.05	HV–HV
COM	840.24	3.33	HV–COM
TW	843.57	2	COM–TW
HV	845.57	3.76	TW–HV
MC	849.33	1.46	HV–MC
COM	850.79	1.09	MC–COM
MC	851.88	3.66	COM–MC
MC	855.54	3.37	MC–MC
CAR	858.91	4.06	MC–CAR
COM	862.97	3.48	CAR–COM
COM	866.45	5.34	COM–COM
COM	871.79	4.59	COM–COM
MC	876.38	4.56	COM–MC
TW	880.94	2.5	MC–TW
HV	883.44	1.9	TW–HV
CAR	885.34	5.45	HV–CAR
TW	890.79	4.41	CAR–TW
HV	895.20	3.38	TW–HV
HV	898.58	0.54	HV–HV
TW	899.12		HV–TW

CAR	887.36		TW–CAR
TW	885.47	1.89	HV–TW
HV	872.39	13.08	CAR–HV
CAR	867.26	5.13	COM–CAR
COM	862.81	4.45	COM–COM
COM	857.96	4.85	HV–COM
HV	855.90	2.06	MC–HV
MC	852.24	3.66	MC–MC
MC	849.01	3.23	CAR–MC
CAR	847.90	1.11	TW–CAR
TW	843.96	3.94	TW–TW
TW	843.45	0.51	COM–TW
COM	840.74	2.71	TW–COM
TW	836.18	4.56	HV–TW
HV	830.66	5.52	HV–HV
HV	826.13	4.53	MC–HV
MC	825.36	0.77	HV–MC
HV	824.18	1.18	TW–HV
TW	822.66	1.52	MC–TW
MC	820.83	1.83	COM–MC
COM	812.71	8.12	COM–COM
COM	809.13	3.58	COM–COM
COM	806.15	2.98	HV–COM
HV	804.09	2.06	HV–HV
HV	799.84	4.25	COM–HV
COM	798.09	1.75	TW–COM
TW	794.58	3.51	TW–TW
TW	793.05	1.53	MC–TW
MC	790.15	2.9	TW–MC
TW	788.56	1.59	HV–TW
HV	784.53	4.03	CAR–HV
CAR	778.39	6.14	MC–CAR
MC	775.39	3	MC–MC
MC	769.36	6.03	MC–MC
MC	767.87	1.49	COM–MC
COM	764.88	2.99	COM–COM
COM	763.70	1.18	TW–COM
TW	762.42	1.28	HV–TW
HV	757.15	5.27	COM–HV
COM	756.86	0.29	COM–COM
COM	756.12	0.74	COM–COM
COM	749.82	6.3	CAR–COM
CAR	746.55	3.27	MC–CAR
MC	743.14	3.41	HV–MC
TW	707.40	4.47	HV–TW
HV	705.01	2.39	CAR–HV
CAR	704.12	0.89	TW–CAR
TW	701.92	2.2	MC–TW
MC	698.20	3.72	HV–MC
HV	697.00	1.2	HV–HV
HV	694.19	2.81	TW–HV
TW	691.07	3.12	TW–TW
TW	688.52	2.55	TW–TW
TW	688.03	0.49	MC–TW
MC	683.82	4.21	HV–MC
HV	680.04	3.78	HV–HV
HV	675.97	4.07	TW–HV
TW	674.90	1.07	COM–TW
COM	672.62	2.28	MC–COM
MC	667.22	5.4	HV–MC
HV	666.10	1.12	COM–HV
COM	664.68	1.42	MC–COM
MC	662.66	2.02	COM–MC
COM	658.80	3.86	COM–COM
COM	657.32	1.48	CAR–COM
CAR	650.86	6.46	HV–CAR
HV	649.26	1.6	CAR–HV
CAR	647.16	2.1	TW–CAR
TW	646.09	1.07	MC–TW
MC	642.70	3.39	MC–MC
MC	639.89	2.81	HV–MC
HV	638.47	1.42	HV–HV
HV	634.32	4.15	COM–HV
COM	631.81	2.51	CAR–COM
CAR	630.30	1.51	CAR–CAR
CAR	628.38	1.92	COM–CAR
COM	621.39	6.99	TW–COM
TW	617.30	4.09	CAR–TW
CAR	611.13	6.17	COM–CAR
COM	606.85	4.28	TW–COM
TW	600.16	6.69	COM–TW
COM	597.12	3.04	MC–COM
MC	594.38	2.74	TW–MC
TW	590.14	4.24	COM–TW
COM	586.82	3.32	MC–COM
MC	585.14	1.68	COM–MC
COM	584.82	0.32	HV–COM
HV	581.65	3.17	CAR–HV
CAR	576.92	4.73	TW–CAR
TW	575.78	1.14	MC–TW
MC	573.54	2.24	COM–MC
COM	569.79	3.75	HV–COM
HV	565.80	3.99	TW–HV
TW	561.32	4.48	MC–TW
MC	559.59	1.73	MC–MC
MC	555.59	4	COM–MC
COM	553.80	1.79	HV–COM
HV	551.78	2.02	CAR–HV
CAR	550.38	1.4	COM–CAR
COM	541.57	8.81	COM–COM
COM	530.51	11.06	CAR–COM
CAR	526.89	3.62	CAR–CAR
CAR	524.98	1.91	MC–CAR
MC	519.59	5.39	MC–MC
MC	517.59	2	CAR–MC
CAR	515.00	2.59	COM–CAR
COM	512.53	2.47	COM–COM
COM	510.84	1.69	COM–COM
COM	506.25	4.59	COM–COM
COM	504.60	1.65	TW–COM
TW	499.14	5.46	HV–TW
TW	494.12	0.84	TW–TW
MC	494.96	2.12	TW–MC
HV	497.08	2.06	MC–HV
TW	489.59	4.53	COM–TW
COM	487.71	1.88	MC–COM
MC	485.18	2.53	MC–MC
MC	481.02	4.16	HV–MC
HV	477.52	3.5	COM–HV
COM	475.09	2.43	COM–COM
COM	474.06	1.03	COM–COM
COM	471.57	2.49	COM–COM
COM	468.70	2.87	TW–COM
TW	465.10	3.6	HV–TW
HV	463.38	1.72	MC–HV
MC	460.41	2.97	TW–MC
TW	456.84	3.57	MC–TW
MC	455.85	0.99	MC–TW

TW	707.40	4.47	HV–TW
HV	711.87	2.7	TW–HV
COM	714.57	4.33	HV–COM
HV	718.90	2.84	COM–HV
HV	721.74	1.59	HV–MC
MC	723.33	3.34	MC–MC
HV	726.67	2.33	MC–HV
MC	729.00	1.14	HV–MC
COM	730.14	4.76	MC–COM
COM	734.90	0.82	COM–COM
HV	735.72	5.09	COM–HV
HV	740.81	2.33	HV–HV
TW	743.14	3.41	HV–MC
CAR	746.55	3.27	MC–CAR
COM	749.82	6.3	CAR–COM
COM	756.12	0.74	COM–COM
COM	756.86	0.29	COM–COM
HV	757.15	5.27	COM–HV
TW	762.42	1.28	HV–TW
COM	763.70	1.18	TW–COM
COM	764.88	2.99	COM–COM
MC	767.87	1.49	COM–MC
MC	769.36	6.03	MC–MC
MC	775.39	3	MC–MC
CAR	778.39	6.14	MC–CAR
HV	784.53	4.03	CAR–HV
TW	788.56	1.59	HV–TW
MC	790.15	2.9	TW–MC
TW	793.05	1.53	MC–TW
TW	794.58	3.51	TW–TW
COM	798.09	1.75	TW–COM
HV	799.84	4.25	COM–HV
HV	804.09	2.06	HV–HV
COM	806.15	2.98	HV–COM
COM	809.13	3.58	COM–COM
COM	812.71	8.12	COM–COM
MC	820.83	1.83	COM–MC
TW	822.66	1.52	MC–TW
HV	824.18	1.18	TW–HV
MC	825.36	0.77	HV–MC
HV	826.13	4.53	MC–HV
HV	830.66	5.52	HV–HV
TW	836.18	4.56	HV–TW
COM	840.74	2.71	TW–COM
TW	843.45	0.51	COM–TW
TW	843.96	3.94	TW–TW
CAR	847.90	1.11	TW–CAR
MC	849.01	3.23	CAR–MC
MC	852.24	3.66	MC–MC
HV	855.90	2.06	MC–HV
COM	857.96	4.85	HV–COM
COM	862.81	4.45	COM–COM
CAR	867.26	5.13	COM–CAR
HV	872.39	13.08	CAR–HV
TW	885.47	1.89	HV–TW
CAR	887.36		TW–CAR

CAR	530.16	4.5	CAR–CAR
CAR	534.66	3.67	CAR–CAR
TW	538.33	3.1	CAR–TW
MC	541.43	3.71	TW–MC
HV	545.14	5.14	MC–HV
HV	550.28	6.63	HV–HV
CAR	556.91	1.41	HV–COM
TW	558.32	2.09	COM–TW
CAR	560.41	6.01	TW–COM
CAR	566.42	3.48	COM–CAR
HV	569.90	2.09	CAR–HV
MC	571.99	4.93	HV–MC
MC	576.92	3.58	MC–MC
MC	580.50	3.8	MC–TW
TW	584.30	3.61	TW–HV
HV	587.91	9.85	HV–COM
COM	597.76	4.62	COM–COM
HV	602.38	8.46	COM–HV
MC	610.84	5.36	HV–MC
TW	616.20	1.88	MC–TW
TW	618.08	3.96	TW–MC
MC	622.04	3.99	MC–TW
TW	626.03	3.8	TW–COM
CAR	629.83	4.64	COM–CAR
HV	634.47	3.76	CAR–TW
HV	638.23	1.49	TW–HV
COM	639.72	0.85	HV–COM
TW	640.57	2.02	COM–TW
MC	642.59	6.67	TW–MC
CAR	649.26	1.68	MC–CAR
MC	650.94	2.18	CAR–MC
CAR	653.12	1.8	MC–CAR
TW	654.92	3.52	CAR–TW
CAR	658.44	2.66	TW–CAR
HV	661.10	6.75	CAR–HV
TW	667.85	1.47	HV–TW
TW	669.32	2.8	TW–TW
COM	687.80	2.2	CAR–MC
CAR	684.71	3.09	MC–CAR
MC	680.14	4.57	HV–MC
HV	676.44	3.7	TW–HV
TW	672.12	4.32	TW–TW
MC	676.32	2.26	MC–CAR
COM	693.26	4.13	COM–COM
TW	697.39	4.95	COM–TW
TW	702.34	5.11	TW–COM
CAR	707.45	2.55	COM–CAR
COM	710.00	4.81	CAR–COM
MC	714.81	2.81	COM–MC
HV	717.62	4.57	MC–HV
TW	722.19	3.85	HV–TW
TW	726.04	4.47	TW–TW
COM	730.51	3.82	TW–COM
COM	734.33	5.08	COM–COM
COM	739.41	5.75	COM–COM
COM	745.16	3.2	COM–COM
MC	748.36	2.64	COM–MC
CAR	751.00	3.99	MC–CAR
HV	754.99	1.01	CAR–HV
CAR	756.00	2.65	HV–CAR
MC	758.65	6.88	CAR–MC
CAR	765.53	5.62	MC–CAR
MC	773.15	2.33	CAR–MC
MC	773.48	3.22	MC–MC
HV	776.70	2.66	MC–HV
COM	779.36	3.43	HV–COM
CAR	782.79	6.2	COM–CAR
CAR	788.99	5.06	CAR–CAR
HV	794.14	3.45	COM–HV
CAR	794.05	4.09	CAR–COM
CAR	801.59	4.76	HV–CAR
CAR	806.35	4.48	CAR–CAR
TW	810.83	8.23	CAR–TW
HV	819.06	4.17	TW–HV
MC	823.23	3.24	HV–MC
HV	826.47	2.1	MC–HV
HV	828.57	2.62	HV–HV
HV	831.19	3.88	HV–HV
CAR	835.07	3.85	HV–CAR
CAR	838.92	2.85	CAR–CAR
COM	841.77	2.18	CAR–COM
CAR	843.95	3.04	COM–CAR
MC	846.99	6.23	CAR–MC
TW	853.22	3.37	MC–CAR
HV	856.59	2.87	CAR–HV
HV	859.46	2	HV–HV
TW	861.46	3.75	HV–TW
HV	865.21	2.06	TW–HV
COM	867.27	2.39	HV–COM
COM	869.66	1.55	COM–COM
HV	871.21	4.94	COM–HV
MC	876.15	6.91	HV–MC
COM	883.06	3.01	MC–COM
TW	886.07	8.28	COM–TW
HV	894.35	5.43	TW–HV
TW	899.78		HV–TW

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	A4 - Road	Vehicle summary	
From	Kottawa	MC	42
To	Colombo	TW	49
Side	RHS	CAR	52
Lane	Inner	COM	39
Video name	900	HV	51
Time started	12:30 PM	SUM	233
Time finished	12:45 PM		
Traffic count (15Min)	233	Veh	
Traffic flow rate	932	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0.00	3.03	
MC	3.03	3.52	COM-MC
CAR	6.55	8.09	MC-CAR
HV	14.64	2.25	CAR-HV
MC	16.89	2.87	HV-MC
CAR	19.76	2.93	MC-CAR
TW	22.69	3.88	CAR-TW
CAR	26.57	4.52	TW-CAR
COM	31.09	2.94	CAR-COM
MC	34.03	2.67	COM-MC
HV	36.70	2.26	MC-HV
CAR	38.96	2.66	HV-CAR
TW	41.62	2.39	CAR-TW
TW	44.01	4.9	TW-TW
HV	48.91	2.51	TW-HV
MC	51.42	5.07	HV-MC
CAR	56.49	8.97	MC-CAR
CAR	65.46	3.9	CAR-CAR
CAR	69.36	2.22	CAR-CAR
HV	71.58	2.25	CAR-HV
MC	73.83	4.36	HV-MC
TW	78.19	5.23	MC-TW
COM	83.42	5.77	TW-COM
TW	89.19	4.51	COM-TW
HV	93.70	3.98	TW-HV
TW	97.68	3.24	HV-TW
HV	100.92	6.15	TW-HV
CAR	107.07	0.73	HV-CAR
COM	107.80	4.56	CAR-COM
HV	112.36	6.44	COM-HV
COM	118.80	4.09	HV-COM
COM	122.89	3	COM-COM
CAR	125.89	2.85	COM-CAR
TW	128.74	4.54	CAR-TW
TW	133.28	3.52	TW-TW
CAR	136.80	2.79	TW-CAR
TW	139.59	3.19	CAR-TW
MC	142.78	4.68	TW-MC
MC	147.46	2.77	MC-MC
CAR	150.23	5.63	MC-CAR
CAR	155.86	5.92	CAR-CAR
MC	161.78	3.99	CAR-MC
MC	165.77	3.06	MC-MC
TW	168.83	3.69	MC-TW
COM	172.52	2.52	TW-COM
MC	175.04	5.79	COM-MC
MC	180.83	2.68	MC-MC
COM	183.51	3.33	MC-COM
HV	186.84	2.66	COM-HV
CAR	189.50	3.45	HV-CAR
TW	192.95	2.75	CAR-TW
CAR	195.70	1.57	TW-CAR
CAR	197.27	2.84	CAR-CAR
MC	200.11	4.91	CAR-MC
COM	205.02	1.57	MC-COM
HV	206.59	5.82	COM-HV
CAR	212.41	4.73	HV-CAR
TW	217.14	2.52	CAR-TW
COM	219.66	6.45	TW-COM
TW	226.11	5.73	COM-TW
CAR	231.84	6.56	TW-CAR
HV	238.40	9.48	CAR-HV
CAR	247.88	2.83	HV-CAR
CAR	250.71	4.64	CAR-CAR
COM	255.35	3.66	CAR-COM
TW	259.01	0.88	COM-TW
TW	259.89	5.83	TW-TW
HV	265.72	5.8	TW-HV
HV	271.52	6.25	HV-HV
TW	277.77	2.95	HV-TW
COM	280.72	3.91	TW-COM
CAR	284.63	6.85	COM-CAR
TW	291.48	2.2	CAR-TW
MC	293.68	5.7	TW-MC
CAR	299.38	1.88	MC-CAR
COM	301.26	2.27	CAR-COM
HV	303.53	3.11	COM-HV
TW	306.64	3.81	HV-TW
MC	310.45	3.53	TW-MC
CAR	313.98	4.36	MC-CAR
HV	318.34	3.21	CAR-HV
CAR	321.55	1.74	HV-CAR
CAR	323.29	3.93	CAR-CAR
TW	327.22	3.59	CAR-TW
TW	330.81	1.81	TW-TW
HV	332.62	3.8	TW-HV
CAR	336.42	3.16	HV-CAR
CAR	339.58	2.78	CAR-CAR
TW	342.36	5	CAR-TW
MC	347.36	2.79	TW-MC
HV	350.15	4.52	MC-HV
HV	354.67	6.35	HV-HV
TW	361.02	4.87	HV-TW
MC	365.89	1.83	TW-MC
HV	367.72	2.26	MC-HV
COM	369.98	3.87	HV-COM
CAR	373.85	5.43	COM-CAR
MC	379.28	6.73	CAR-MC
MC	386.01	6.8	MC-MC
HV	392.81	2.61	MC-HV
HV	395.42	1.91	HV-HV
COM	397.33	2.53	HV-COM
CAR	399.86	3.63	COM-CAR
MC	403.49	3.42	CAR-MC
TW	406.91	3.38	MC-TW
CAR	410.29	10.38	TW-CAR
TW	420.67	3.27	CAR-TW
HV	423.94	0.48	TW-HV
TW	424.42	1.98	HV-TW
COM	426.40	1	TW-COM
COM	427.40	7.34	COM-COM
HV	434.74	3.92	COM-HV
TW	438.66	3.7	HV-TW
CAR	442.36	2.17	TW-CAR
TW	444.53	5.09	CAR-TW
HV	449.62	6.85	TW-HV
MC	456.47	3.09	HV-MC
HV	459.56	1.95	MC-HV
TW	461.51	3.27	HV-TW
CAR	464.78	3.48	TW-CAR
TW	468.26	4.52	CAR-TW
HV	472.78	4.63	TW-HV
COM	477.41	3.86	HV-COM
TW	481.27	1.57	COM-TW
CAR	482.84	2.68	TW-CAR
CAR	485.52	8.36	CAR-CAR
MC	493.88	2.46	CAR-MC
TW	496.34	3.94	MC-TW
COM	500.28	5.77	TW-COM
COM	506.05	9.25	COM-COM
CAR	515.30	5.35	COM-CAR
MC	520.65	3.84	CAR-MC
COM	524.49	4.42	MC-COM
COM	528.91	8	COM-COM
MC	536.91	2.89	COM-MC
TW	539.80	3.4	MC-TW
TW	543.20	1.8	TW-TW
HV	545.00	3.25	TW-HV

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	24
To	Kottawa	TW	27
Side	LHS	CAR	32
Lane	Inner	COM	19
Video name	1200	HV	28
Time started	1:15 PM	SUM	130
Time finished	1:30 PM		
Traffic count (15Min)	130	Veh	
Traffic flow rate	520	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0.00	5.87	
COM	5.87	9.89	CAR-COM
CAR	15.76	5.59	COM-CAR
TW	21.35	6.52	CAR-TW
TW	27.87	5.18	TW-TW
HV	33.05	5.13	TW-HV
TW	38.18	7.12	HV-TW
MC	45.30	6.87	TW-MC
CAR	52.17	6.35	MC-CAR
CAR	58.52	10.88	CAR-CAR
MC	69.40	4.35	CAR-MC
COM	73.75	4.44	MC-COM
TW	78.19	2.88	COM-TW
TW	81.07	7.16	TW-TW
CAR	88.23	7.57	TW-CAR
CAR	95.80	9.03	CAR-CAR
TW	104.83	4.11	CAR-TW
TW	108.94	6.56	TW-TW
HV	115.50	8.55	TW-HV
TW	124.05	6.74	HV-TW
TW	130.79	7.05	TW-TW
CAR	137.84	6.89	TW-CAR
HV	144.73	6.65	CAR-HV
HV	151.38	3.67	HV-HV
MC	155.05	6.83	HV-MC
CAR	161.88	4.72	MC-CAR
HV	166.60	10.82	CAR-HV
HV	177.42	3.6	HV-HV
HV	181.02	15.41	HV-HV
COM	196.43	2.51	HV-COM
HV	198.94	9.76	COM-HV
COM	208.70	7.17	HV-COM
HV	215.87	5.71	COM-HV
CAR	221.58	9.87	HV-CAR
HV	231.45	5.73	CAR-HV
TW	237.18	6.83	HV-TW
COM	244.01	7.86	TW-COM
MC	251.87	10.98	COM-MC
HV	262.85	6.68	MC-HV
TW	269.53	7.28	HV-TW
CAR	276.81	3.41	TW-CAR
HV	280.22	5.64	CAR-HV
MC	285.86	6.82	HV-MC
COM	292.68	8.27	MC-COM
CAR	300.95	4.9	COM-CAR
CAR	305.85	9.73	CAR-CAR
CAR	315.58	10.97	CAR-CAR
COM	326.55	6.14	CAR-COM
MC	332.69	6.14	COM-MC
HV	338.83	4.7	MC-HV
MC	343.53	4.5	HV-MC
TW	348.03	4.95	MC-TW
HV	352.98	12.46	TW-HV
CAR	365.44	8.23	HV-CAR
TW	373.67	6.15	CAR-TW
MC	379.82	7.01	TW-MC
HV	386.83	5.47	MC-HV
CAR	392.30	5.59	HV-CAR
CAR	397.89	5.8	CAR-CAR
MC	403.69	9.17	CAR-MC
HV	412.86	5.1	MC-HV
HV	417.96	10.45	HV-HV
CAR	428.41	8.22	HV-CAR
CAR	436.63	4.6	CAR-CAR
MC	441.23	9.91	CAR-MC
TW	451.14	5.43	MC-TW
CAR	456.57	4.72	TW-CAR
HV	461.29	9.01	CAR-HV
TW	470.30	11.77	HV-TW
MC	482.07	4.38	TW-MC
COM	486.45	6.48	MC-COM
CAR	492.93	4.04	COM-CAR
MC	496.97	14.82	CAR-MC
TW	511.79	4.9	MC-TW
COM	516.69	8.2	TW-COM
MC	524.89	5.18	COM-MC
COM	530.07	11.13	MC-COM
CAR	541.20	10.38	COM-CAR
TW	551.58	5.84	CAR-TW
TW	557.42	4.49	TW-TW
MC	561.91	6.68	TW-MC
TW	568.59	5.99	MC-TW
TW	574.58	5.31	TW-TW
MC	579.89	6.81	TW-MC
MC	586.70	6.46	MC-MC
HV	593.16	11.41	MC-HV
COM	604.57	9.15	HV-COM
HV	613.72	3.52	COM-HV
MC	617.24	10.23	HV-MC
TW	627.47	4.4	MC-TW
CAR	631.87	8.47	TW-CAR
COM	640.34	6.37	CAR-COM
CAR	646.71	8.67	COM-CAR
MC	655.38	10.87	CAR-MC
COM	666.25	7.05	MC-COM
CAR	673.30	3.82	COM-CAR
MC	677.12	11.8	CAR-MC
TW	688.92	3.82	MC-TW
HV	692.74	6.17	TW-HV
HV	698.91	8.52	HV-HV
CAR	707.43	9.17	HV-CAR
MC	716.60	9.63	CAR-MC
MC	726.23	8.17	MC-MC
CAR	734.40	5.35	MC-CAR
CAR	739.75	4.47	CAR-CAR
MC	744.22	6.88	CAR-MC
CAR	751.10	9.07	MC-CAR
MC	760.17	8.66	CAR-MC
CAR	768.83	3.27	MC-CAR
HV	772.10	5.81	CAR-HV
MC	777.91	4.05	HV-MC
HV	781.96	12.39	MC-HV
HV	794.35	6.27	HV-HV
TW	800.62	6.46	HV-TW
CAR	807.08	3.64	TW-CAR
HV	810.72	6.32	CAR-HV
TW	817.04	5.78	HV-TW
CAR	822.82	6.75	TW-CAR
HV	829.57	8.44	CAR-HV
CAR	838.01	8.16	HV-CAR
HV	846.17	3.61	CAR-HV
COM	849.78	4.67	HV-COM
COM	854.45	5.26	COM-COM
COM	859.71	9.79	COM-COM
TW	869.50	3.11	COM-TW
COM	872.61	8.04	TW-COM
COM	880.65	7.05	COM-COM
TW	887.70	5.34	COM-TW
COM	893.04	5.53	TW-COM
TW	898.57		COM-TW

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	42
To	Kottawa	TW	44
Side	LHS	CAR	44
Lane	Inner	COM	47
Video name	1500	HV	46
Time started	4:00 PM	SUM	223
Time finished	4:15 PM		
Traffic count (15Min)	223	Veh	
Traffic flow rate	892	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	8.91	
CAR	8.91	5.43	MC-CAR
TW	14.34	4.17	CAR-TW
CAR	18.51	3.01	TW-CAR
COM	21.52	0.8	CAR-COM
HV	22.32	3.48	COM-HV
TW	25.8	2.91	HV-TW
HV	28.71	4.3	TW-HV
HV	33.01	2.8	HV-HV
HV	35.81	8.14	HV-HV
TW	43.95	5.82	HV-TW
HV	49.77	4.46	TW-HV
COM	54.23	3.42	HV-COM
TW	57.65	3.26	COM-TW
TW	60.91	3.53	TW-TW
CAR	64.44	5.83	TW-CAR
COM	70.27	2.36	CAR-COM
COM	72.63	4.01	COM-COM
MC	76.64	4.35	COM-MC
COM	80.99	4.93	MC-COM
COM	85.92	6.8	COM-COM
CAR	92.72	5.25	COM-CAR
COM	97.97	6.81	CAR-COM
TW	104.78	3.83	COM-TW
MC	108.61	0.85	TW-MC
HV	109.46	1.72	MC-HV
MC	111.18	11.29	HV-MC
CAR	122.47	5.04	MC-CAR
TW	127.51	1.64	CAR-TW
COM	129.15	5.16	TW-COM
TW	134.31	5.37	COM-TW
TW	139.68	4.91	TW-TW
COM	144.59	2.55	TW-COM
CAR	147.14	5	COM-CAR
HV	152.14	3.26	CAR-HV
CAR	155.4	7.97	HV-CAR
TW	163.37	3.86	CAR-TW
HV	167.23	2.6	TW-HV
CAR	169.83	0.29	HV-CAR
HV	170.12	4.23	CAR-HV
HV	174.35	3.19	HV-HV
CAR	177.54	2.2	HV-CAR
COM	179.74	8.62	CAR-COM
HV	188.36	3.99	COM-HV
MC	192.35	2.34	HV-MC
COM	194.69	4.59	MC-COM
HV	199.28	3.06	COM-HV
CAR	202.34	2.09	HV-CAR
COM	204.43	5.88	CAR-COM
TW	210.31	6.95	COM-TW
HV	217.26	1.29	TW-HV
MC	218.55	2.53	HV-MC
MC	221.08	6.08	MC-MC
MC	227.16	2.92	MC-MC
CAR	230.08	1.93	MC-CAR
CAR	232.01	6.21	CAR-CAR
MC	238.22	0.97	CAR-MC
TW	239.19	4.01	MC-TW
TW	243.2	2.32	TW-TW
CAR	245.52	3.56	TW-CAR
MC	249.08	1.9	CAR-MC
HV	250.98	8.7	MC-HV
COM	259.68	5.7	HV-COM
MC	265.38	1.87	COM-MC
CAR	267.25	1.94	MC-CAR
HV	269.19	3.27	CAR-HV
COM	272.46	5.09	HV-COM
COM	277.55	3.06	COM-COM
TW	280.61	3.61	COM-TW
CAR	284.22	3.18	TW-CAR
HV	287.4	1	CAR-HV
TW	288.4	7.54	HV-TW
COM	295.94	6.26	TW-COM
MC	302.2	3.44	COM-MC
TW	305.64	4.1	MC-TW
HV	309.74	5.37	TW-HV
HV	315.11	5.12	HV-HV
CAR	320.23	4.91	HV-CAR
TW	325.14	4.12	CAR-TW
COM	329.26	4.06	TW-COM
TW	333.32	4.15	COM-TW
CAR	337.47	8.66	TW-CAR
TW	346.13	4.87	CAR-TW
MC	351	5.54	TW-MC
HV	356.54	1.43	MC-HV
COM	357.97	7.67	HV-COM
COM	365.64	0.59	COM-COM
CAR	366.23	3.89	COM-CAR
COM	370.12	5.4	CAR-COM
HV	375.52	3.4	COM-HV
COM	378.92	3.61	HV-COM
HV	382.53	6.14	COM-HV
TW	388.67	3.29	HV-TW
COM	391.96	4.81	TW-COM
TW	396.77	7.58	COM-TW
TW	404.35	5.41	TW-TW
MC	409.76	3.51	TW-MC
COM	413.27	9.09	MC-COM
HV	422.36	7.53	COM-HV
HV	429.89	4.13	HV-HV
CAR	434.02	5.63	HV-CAR
TW	439.65	2.01	CAR-TW
COM	441.66	1.78	TW-COM
MC	443.44	8.78	COM-MC
MC	452.22	2.88	MC-MC
HV	455.1	5.67	MC-HV
TW	460.77	3.63	HV-TW
CAR	464.4	2.46	TW-CAR
CAR	466.86	5.21	CAR-CAR
CAR	472.07	2.32	CAR-CAR
CAR	474.39	2.45	CAR-CAR
TW	476.84	6.34	CAR-TW
HV	483.18	2.02	TW-HV
CAR	485.2	7.3	HV-CAR
HV	492.5	1.21	CAR-HV
COM	493.71	4.9	HV-COM
MC	498.61	4.81	COM-MC
CAR	503.42	0.89	MC-CAR
MC	504.31	3.8	CAR-MC
CAR	508.11	2.06	MC-CAR
CAR	510.17	6.12	CAR-CAR
TW	516.29	0.94	CAR-TW
MC	517.23	8.4	TW-MC
TW	525.63	8.54	MC-TW
MC	534.17	1.85	TW-MC
CAR	536.02	6.02	MC-CAR
MC	542.04	0.9	CAR-MC
TW	542.94	6.3	MC-TW
HV	549.24	2.9	TW-HV
COM	552.14	4.34	HV-COM
HV	556.48	1.61	COM-HV
TW	558.09	2.37	HV-TW
CAR	560.46	5.94	TW-CAR
CAR	566.4	5.42	CAR-CAR
COM	571.82	1.38	CAR-COM
CAR	573.2	2.07	COM-CAR
HV	575.27	2.34	CAR-HV
COM	577.61	2.5	HV-COM

CAR	548.25	2.74	HV-CAR
COM	550.99	3.4	CAR-COM
TW	554.39	3.84	COM-TW
CAR	558.23	6.48	TW-CAR
COM	564.71	5.34	CAR-COM
COM	570.05	2.48	COM-COM
HV	572.53	2.46	COM-HV
MC	574.99	2.92	HV-MC
COM	577.91	3.46	MC-COM
CAR	581.37	2.33	COM-CAR
CAR	583.70	7.43	CAR-CAR
HV	591.13	3.76	CAR-HV
COM	594.89	2.28	HV-COM
COM	597.17	4.03	COM-COM
HV	601.20	2.25	COM-HV
HV	603.45	3.99	HV-HV
HV	607.44	2.2	HV-HV
MC	609.64	4.14	HV-MC
COM	613.78	5.09	MC-COM
MC	618.87	4.76	COM-MC
TW	623.63	6.67	MC-TW
MC	630.30	4.59	TW-MC
MC	634.89	1.87	MC-MC
HV	636.76	5.29	MC-HV
HV	642.05	7.96	HV-HV
COM	650.01	4.68	HV-COM
TW	654.69	5.21	COM-TW
CAR	659.90	3	TW-CAR
HV	662.90	2.53	CAR-HV
COM	665.43	9.23	HV-COM
TW	674.66	4.09	COM-TW
MC	678.75	1.5	TW-MC
CAR	680.25	2.54	MC-CAR
CAR	682.79	7.77	CAR-CAR
HV	690.56	4.23	CAR-HV
COM	694.79	3.27	HV-COM
COM	698.06	2.75	COM-COM
TW	700.81	1.35	COM-TW
MC	702.16	2.27	TW-MC
HV	704.43	7.32	MC-HV
CAR	711.75	2.19	HV-CAR
HV	713.94	6.71	CAR-HV
HV	720.65	4.5	HV-HV
MC	725.15	7.17	HV-MC
CAR	732.32	3.52	MC-CAR
TW	735.84	3.72	CAR-TW
TW	739.56	5.32	TW-TW
TW	744.88	0.75	TW-TW
MC	745.63	3.77	TW-MC
MC	749.40	5.84	MC-MC
CAR	755.24	1.57	MC-CAR
HV	756.81	2.13	CAR-HV
MC	758.94	4.03	HV-MC
COM	762.97	3.63	MC-COM
HV	766.60	2.01	COM-HV
HV	768.61	3.68	HV-HV
HV	772.29	3.84	HV-HV
COM	776.13	2.24	HV-COM
CAR	778.37	3.93	COM-CAR
MC	782.30	6.32	CAR-MC
TW	788.62	4.79	MC-TW
TW	793.41	3.61	TW-TW
TW	797.02	4.97	TW-TW
COM	801.99	2.88	TW-COM
CAR	804.87	2.66	COM-CAR
CAR	807.53	3.7	CAR-CAR
CAR	811.23	3.41	CAR-CAR
COM	814.64	1.15	CAR-COM
TW	815.79	2.34	COM-TW
HV	818.13	2.56	TW-HV
MC	820.69	4.02	HV-MC
TW	824.71	3.81	MC-TW
TW	828.52	3.3	TW-TW
MC	831.82	2.3	TW-MC
CAR	834.12	2	MC-CAR
CAR	836.12	3.19	CAR-CAR
CAR	839.31	4.13	CAR-CAR
CAR	843.44	3.37	CAR-CAR
HV	846.81	3.63	CAR-HV
TW	850.44	2.86	HV-TW
MC	853.30	4.23	TW-MC
COM	857.53	3.3	MC-COM
HV	860.83	2.27	COM-HV
HV	863.10	2.58	HV-HV
HV	865.68	1.84	HV-HV
MC	867.52	1.71	HV-MC
TW	869.23	2.08	MC-TW
HV	871.31	4.83	TW-HV
MC	876.14	3.2	HV-MC
HV	879.34	5.34	MC-HV
MC	884.68	4.35	HV-MC
HV	889.03	2.96	MC-HV
COM	891.99	6.76	HV-COM
MC	898.75	1.25	COM-MC
HV	900.00		MC-HV

CAR	580.11	2.54	COM-CAR
CAR	582.65	1.72	CAR-CAR
MC	584.37	1.63	CAR-MC
MC	586	3.09	MC-MC
COM	589.09	1.19	MC-COM
HV	590.28	3.19	COM-HV
COM	593.47	5.51	HV-COM
HV	598.98	2.67	COM-HV
COM	601.65	3.12	HV-COM
TW	604.77	6.19	COM-TW
HV	610.96	3.69	TW-HV
MC	614.65	2.68	HV-MC
COM	617.33	5.24	MC-COM
MC	622.57	5.76	COM-MC
CAR	628.33	3.88	MC-CAR
MC	632.21	2.28	CAR-MC
HV	634.49	1.31	MC-HV
HV	635.8	4.18	HV-HV
COM	639.98	3.59	HV-COM
COM	643.57	3.97	COM-COM
TW	647.54	3.44	COM-TW
TW	650.98	1.85	TW-TW
MC	652.83	4.61	TW-MC
HV	657.44	7.06	MC-HV
COM	664.5	1.8	HV-COM
HV	666.3	3.3	COM-HV
COM	669.6	2.15	HV-COM
COM	671.75	2.95	COM-COM
TW	674.7	3.82	COM-TW
HV	678.52	2.04	TW-HV
MC	680.56	4.1	HV-MC
HV	684.66	3.4	MC-HV
TW	688.06	3.02	HV-TW
TW	691.08	3.45	TW-TW
COM	694.53	3.79	TW-COM
COM	698.32	6.28	COM-COM
TW	704.6	5.39	COM-TW
TW	709.99	7.12	TW-TW
CAR	717.11	4.74	TW-CAR
MC	721.85	1.45	CAR-MC
HV	723.3	3.52	MC-HV
TW	726.82	1.87	HV-TW
MC	728.69	1.55	TW-MC
COM	730.24	5.41	MC-COM
CAR	735.65	2.84	COM-CAR
HV	738.49	1.51	CAR-HV
CAR	740	2.01	HV-CAR
MC	742.01	1.39	CAR-MC
TW	743.4	3.83	MC-TW
CAR	747.23	7.03	TW-CAR
MC	754.26	8.03	CAR-MC
COM	762.29	4.76	MC-COM
MC	767.05	2.48	COM-MC
MC	769.53	3.39	MC-MC
HV	772.92	1.77	MC-HV
HV	774.69	2.58	HV-HV
HV	777.27	5.05	HV-HV
MC	782.32	4.37	HV-MC
MC	786.69	5.8	MC-MC
CAR	792.49	3.82	MC-CAR
TW	796.31	2.97	CAR-TW
TW	799.28	5.8	TW-TW
MC	805.08	4.89	TW-MC
CAR	809.97	6.25	MC-CAR
MC	816.22	9.83	CAR-MC
TW	826.05	4.68	MC-TW
HV	830.73	1.66	TW-HV
TW	832.39	2.1	HV-TW
MC	834.49	2.04	TW-MC
CAR	836.53	9.06	MC-CAR
MC	845.59	2.38	CAR-MC
MC	847.97	11.08	MC-MC
MC	859.05	3.33	MC-MC
COM	862.38	3.35	MC-COM
COM	865.73	1.91	COM-COM
HV	867.64	3.35	COM-HV
CAR	870.99	2.72	HV-CAR
COM	873.71	4.96	CAR-COM
HV	878.67	3.52	COM-HV
COM	882.19	4.1	HV-COM
COM	886.29	4.13	COM-COM
TW	890.42	7.06	COM-TW
COM	897.48	0.77	TW-COM
CAR	898.25	1.75	COM-CAR
CAR	900		CAR-CAR

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	55
To	Kottawa	TW	61
Side	LHS	CAR	50
Lane	Inner	COM	57
Video name	1800	HV	64
Time started	4:15 PM	SUM	287
Time finished	4:30 AM		
Traffic count (15Min)	287	Veh	
Traffic flow rate	1148	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	2.08	
TW	2.08	3.5	CAR-TW
CAR	5.58	1.43	TW-CAR
TW	7.01	2.08	CAR-TW
MC	9.09	3.25	TW-MC
TW	12.34	1.56	MC-TW
TW	13.9	2.08	TW-TW
HV	15.98	8.32	TW-HV
MC	24.3	5.9	HV-MC
MC	30.2	0.73	MC-MC
COM	30.93	4.51	MC-COM
TW	35.44	1.88	COM-TW
HV	37.32	2.37	TW-HV
TW	39.69	1.88	HV-TW
CAR	41.57	2.3	TW-CAR
TW	43.87	0.72	CAR-TW
COM	44.59	1.34	TW-COM
TW	45.93	2.23	COM-TW
HV	48.16	2.02	TW-HV
CAR	50.18	1.4	HV-CAR
COM	51.58	0.53	CAR-COM
COM	52.11	1.25	COM-COM
CAR	53.36	2.34	COM-CAR
TW	55.7	5.38	CAR-TW
HV	61.08	2.92	TW-HV
HV	64	0.76	HV-HV
MC	64.76	2.61	HV-MC
COM	67.37	1.97	MC-COM
TW	69.34	1.73	COM-TW
HV	71.07	1.65	TW-HV
TW	72.72	5.67	HV-TW
CAR	78.39	1.12	TW-CAR
MC	79.51	4.56	CAR-MC
CAR	84.07	6.53	MC-CAR
COM	90.6	3.01	CAR-COM
TW	93.61	1.92	COM-TW
COM	95.53	0.81	TW-COM
COM	96.34	3.09	COM-COM
CAR	99.43	5.87	COM-CAR
HV	105.3	2.35	CAR-HV
HV	107.65	1.71	HV-HV
COM	109.36	1.64	HV-COM
COM	111	2.83	COM-COM
MC	113.83	4.82	COM-MC
CAR	118.65	3.42	MC-CAR
COM	122.07	3.64	CAR-COM
HV	125.71	1.68	COM-HV
CAR	127.39	4.68	HV-CAR
TW	132.07	1.15	CAR-TW
CAR	133.22	4.83	TW-CAR
COM	138.05	4.66	CAR-COM
HV	142.71	3.79	COM-HV
MC	146.5	2.49	HV-MC
HV	148.99	1.35	MC-HV
MC	150.34	5.06	HV-MC
MC	155.4	3.43	MC-MC
TW	158.83	1.69	MC-TW
COM	160.52	5.21	TW-COM
CAR	165.73	3.38	COM-CAR
COM	169.11	1.55	CAR-COM
COM	170.66	4.66	COM-COM
MC	175.32	4.71	COM-MC
MC	180.03	5.55	MC-MC
CAR	185.58	3.03	MC-CAR
HV	188.61	4.88	CAR-HV
HV	193.49	1.74	HV-HV
TW	195.23	0.77	HV-TW
TW	196	5.65	TW-TW
CAR	201.65	2.95	TW-CAR
HV	204.6	3.17	CAR-HV
MC	207.77	1.68	HV-MC
HV	209.45	5.85	MC-HV
CAR	215.3	2.44	HV-CAR
HV	217.74	2.97	CAR-HV
HV	220.71	4.4	HV-HV
MC	225.11	3.81	HV-MC
COM	228.92	5.13	MC-COM
CAR	234.05	3.26	COM-CAR
COM	237.31	1.22	CAR-COM
CAR	238.53	1.03	COM-CAR
MC	239.56	4.6	CAR-MC
CAR	244.16	1.8	MC-CAR
MC	245.96	3.61	CAR-MC
CAR	249.57	3.71	MC-CAR
CAR	253.28	2.37	CAR-CAR
TW	255.65	5.09	CAR-TW
CAR	260.74	9.16	TW-CAR
CAR	269.9	1.39	CAR-CAR
HV	271.29	4.43	CAR-HV
TW	275.72	3.37	HV-TW
MC	279.09	2.49	TW-MC
HV	281.58	2.06	MC-HV
TW	283.64	2.07	HV-TW
MC	285.71	1.13	TW-MC
HV	286.84	4.98	MC-HV
MC	291.82	6.66	HV-MC
HV	298.48	6.51	MC-HV
HV	304.99	4.4	HV-HV
COM	309.39	1.11	HV-COM
MC	310.5	4.24	COM-MC
HV	314.74	2.26	MC-HV
COM	317	1.95	HV-COM
MC	318.95	3.05	COM-MC
HV	322	2.71	MC-HV
MC	324.71	5.72	HV-MC
TW	330.43	0.77	MC-TW
CAR	331.2	1.9	TW-CAR
MC	333.1	2.81	CAR-MC
CAR	335.91	2.3	MC-CAR
MC	338.21	1.9	CAR-MC
COM	340.11	3.13	MC-COM
TW	343.24	1.63	COM-TW
HV	344.87	5.71	TW-HV
MC	350.58	2.86	HV-MC
COM	353.44	2.54	MC-COM
CAR	355.98	1.16	COM-CAR
MC	357.14	1.54	CAR-MC
HV	358.68	0.95	MC-HV
CAR	359.63	2.44	HV-CAR
COM	362.07	3.78	CAR-COM
COM	365.85	5.15	COM-COM
HV	371	0.96	COM-HV
MC	371.96	3.41	HV-MC
COM	375.37	2.56	MC-COM
HV	377.93	2.81	COM-HV
CAR	380.74	1.76	HV-CAR
COM	382.5	2.7	CAR-COM
TW	385.2	6.57	COM-TW
HV	391.77	4.55	TW-HV
TW	396.32	2.54	HV-TW
CAR	398.86	4.77	TW-CAR
HV	403.63	3.73	CAR-HV
HV	407.36	1.5	HV-HV
HV	408.86	1.87	HV-HV
HV	410.73	2	HV-HV
MC	412.73	1.56	HV-MC
HV	414.29	3.39	MC-HV
TW	417.68	3.25	HV-TW

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	47
To	Kottawa	TW	55
Side	LHS	CAR	46
Lane	Inner	COM	33
Video name	2100	HV	48
Time started	5:15 PM	SUM	229
Time finished	5:30 AM		
Traffic count (15Min)	229	Veh	
Traffic flow rate	916	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	6.01	
HV	6.01	4.05	MC-HV
CAR	10.06	4.4	HV-CAR
HV	14.46	5.06	CAR-HV
HV	19.52	6.05	HV-HV
COM	25.57	1.26	HV-COM
HV	26.83	3.04	COM-HV
COM	29.87	5.69	HV-COM
TW	35.56	6.18	COM-TW
CAR	41.74	7.32	TW-CAR
HV	49.06	5.91	CAR-HV
CAR	54.97	6.58	HV-CAR
MC	61.55	4.15	CAR-MC
TW	65.7	3.64	MC-TW
HV	69.34	2.85	TW-HV
HV	72.19	5.33	HV-HV
TW	77.52	7.88	HV-TW
TW	85.4	3.28	TW-TW
CAR	88.68	1.73	TW-CAR
TW	90.41	7.16	CAR-TW
MC	97.57	5.09	TW-MC
MC	102.66	6.41	MC-MC
HV	109.07	1.25	MC-HV
HV	110.32	1.92	HV-HV
TW	112.24	3.34	HV-TW
MC	115.58	4.95	TW-MC
CAR	120.53	3.42	MC-CAR
CAR	123.95	4.85	CAR-CAR
HV	128.8	2.71	CAR-HV
MC	131.51	3.75	HV-MC
COM	135.26	2.12	MC-COM
TW	137.38	3.87	COM-TW
MC	141.25	4.22	TW-MC
CAR	145.47	3.45	MC-CAR
HV	148.92	2.13	CAR-HV
HV	151.05	3.37	HV-HV
COM	154.42	5.82	HV-COM
TW	160.24	6.73	COM-TW
TW	166.97	7.79	TW-TW
MC	174.76	2.41	TW-MC
MC	177.17	3.02	MC-MC
CAR	180.19	5.02	MC-CAR
HV	185.21	4.45	CAR-HV
MC	189.66	1.32	HV-MC
HV	190.98	1.64	MC-HV
CAR	192.62	2.61	HV-CAR
MC	195.23	1.75	CAR-MC
COM	196.98	5.4	MC-COM
COM	202.38	4.97	COM-COM
COM	207.35	3.73	COM-COM
CAR	211.08	1.98	COM-CAR
MC	213.06	0.49	CAR-MC
HV	213.55	4.03	MC-HV
HV	217.58	4.9	HV-HV
MC	222.48	1.32	HV-MC
HV	223.8	0.83	MC-HV
TW	224.63	5.54	HV-TW
COM	230.17	2.37	TW-COM
CAR	232.54	3.38	COM-CAR
COM	235.92	8.26	CAR-COM
TW	244.18	5.08	COM-TW
TW	249.26	3.37	TW-TW
HV	252.63	4	TW-HV
CAR	256.63	2.83	HV-CAR
TW	259.46	6.28	CAR-TW
TW	265.74	4.36	TW-TW
MC	270.1	3.28	TW-MC
CAR	273.38	2.4	MC-CAR
COM	275.78	2.15	CAR-COM
CAR	277.93	0.9	COM-CAR
MC	278.83	1.56	CAR-MC
HV	280.39	3.54	MC-HV
COM	283.93	2.7	HV-COM
MC	286.63	2.73	COM-MC
COM	289.36	2.98	MC-COM
CAR	292.34	3.54	COM-CAR
CAR	295.88	2.57	CAR-CAR
CAR	298.45	5.35	CAR-CAR
HV	303.8	8.99	CAR-HV
COM	312.79	2.26	HV-COM
HV	315.05	1.51	COM-HV
TW	316.56	2.02	HV-TW
MC	318.58	3.88	TW-MC
CAR	322.46	5.58	MC-CAR
TW	328.04	6.05	CAR-TW
TW	334.09	2.67	TW-TW
TW	336.76	2.59	TW-TW
TW	339.35	5.52	TW-TW
TW	344.87	5.18	TW-TW
TW	350.05	2.14	TW-TW
HV	352.19	2.83	TW-HV
MC	355.02	6.18	HV-MC
HV	361.2	4.42	MC-HV
TW	365.62	2.54	HV-TW
MC	368.16	1.64	TW-MC
COM	369.8	2.85	MC-COM
HV	372.65	3.59	COM-HV
TW	376.24	3.97	HV-TW
COM	380.21	0.62	TW-COM
HV	380.83	4.3	COM-HV
TW	385.13	2.32	HV-TW
COM	387.45	3.22	TW-COM
TW	390.67	9.85	COM-TW
MC	400.52	4.2	TW-MC
MC	404.72	2.32	MC-MC
TW	407.04	2.82	MC-TW
CAR	409.86	3.83	TW-CAR
HV	413.69	3.47	CAR-HV
TW	417.16	3.02	HV-TW
CAR	420.18	1.88	TW-CAR
MC	422.06	4.65	CAR-MC
CAR	426.71	4.64	MC-CAR
MC	431.35	2.07	CAR-MC
CAR	433.42	4.19	MC-CAR
TW	437.61	5.04	CAR-TW
CAR	442.65	2.98	TW-CAR
HV	445.63	4.07	CAR-HV
MC	449.7	3.89	HV-MC
MC	453.59	2.8	MC-MC
MC	456.39	5.12	MC-MC
HV	461.51	3.44	MC-HV
HV	464.95	3.84	HV-HV
TW	468.79	4.91	HV-TW
TW	473.7	5	TW-TW
CAR	478.7	3.54	TW-CAR
CAR	482.24	6.36	CAR-CAR
HV	488.6	1.24	CAR-HV
COM	489.84	6.13	HV-COM
TW	495.97	5.04	COM-TW
MC	501.01	5.15	TW-MC
COM	506.16	7.23	MC-COM
CAR	513.39	5.84	COM-CAR
TW	519.23	5.66	CAR-TW
CAR	524.89	3.45	TW-CAR
TW	528.34	3.71	CAR-TW
MC	532.05	1.23	TW-MC
HV	533.28	1.75	MC-HV
CAR	535.03	1.84	HV-CAR

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	32
To	Kottawa	TW	38
Side	LHS	CAR	39
Lane	Inner	COM	36
Video name	2400	HV	36
Time started	5:45 PM	SUM	181
Time finished	6:00 AM		
Traffic count (15Min)	181	Veh	
Traffic flow rate	724	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	0.99	
COM	0.99	2.38	CAR-COM
HV	3.37	8.07	COM-HV
COM	11.44	3.81	HV-COM
COM	15.25	1.91	COM-COM
MC	17.16	4.39	COM-MC
HV	21.55	6.34	MC-HV
TW	27.89	6.77	HV-TW
CAR	34.66	7.51	TW-CAR
HV	42.17	7.14	CAR-HV
HV	49.31	3.49	HV-HV
CAR	52.8	2.71	HV-CAR
COM	55.51	4.11	CAR-COM
MC	59.62	5.52	COM-MC
HV	65.14	1.4	MC-HV
TW	66.54	2.68	HV-TW
CAR	69.22	7.28	TW-CAR
HV	76.5	9.32	CAR-HV
CAR	85.82	2.84	HV-CAR
COM	88.66	9.5	CAR-COM
COM	98.16	3.75	COM-COM
CAR	101.91	7.33	COM-CAR
CAR	109.24	3.72	CAR-CAR
MC	112.96	4.53	CAR-MC
CAR	117.49	5.34	MC-CAR
MC	122.83	3.87	CAR-MC
COM	126.7	7.25	MC-COM
CAR	133.95	2.75	COM-CAR
MC	136.7	5.21	CAR-MC
MC	141.91	9.72	MC-MC
COM	151.63	6.81	MC-COM
COM	158.44	3.22	COM-COM
TW	161.66	4.49	COM-TW
CAR	166.15	5.91	TW-CAR
TW	172.06	3.92	CAR-TW
TW	175.98	4.38	TW-TW
COM	180.36	9.54	TW-COM
CAR	189.9	3.22	COM-CAR
COM	193.12	2.12	CAR-COM
MC	195.24	6.21	COM-MC
COM	201.45	5.15	MC-COM
COM	206.6	3.62	COM-COM
HV	210.22	6.5	COM-HV
CAR	216.72	4.94	HV-CAR
MC	221.66	5.38	CAR-MC
TW	227.04	6.63	MC-TW
COM	233.67	1.32	TW-COM
TW	234.99	2.04	COM-TW
COM	237.03	4.47	TW-COM
COM	241.5	5.09	COM-COM
COM	246.59	1.67	COM-COM
CAR	248.26	4.94	COM-CAR
TW	253.2	2.06	CAR-TW
HV	255.26	4.61	TW-HV
HV	259.87	8.48	HV-HV
CAR	268.35	6.28	HV-CAR
COM	274.63	5.99	CAR-COM
CAR	280.62	4.96	COM-CAR
HV	285.58	6.7	CAR-HV
TW	292.28	1.17	HV-TW
TW	293.45	7.22	TW-TW
TW	300.67	7.91	TW-TW
HV	308.58	2.81	TW-HV
HV	311.39	5.18	HV-HV
MC	316.57	4.41	HV-MC
MC	320.98	2.6	MC-MC
HV	323.58	5.19	MC-HV
TW	328.77	6.4	HV-TW
TW	335.17	1.81	TW-TW
MC	336.98	6.1	TW-MC
CAR	343.08	5.38	MC-CAR
MC	348.46	4.68	CAR-MC
TW	353.14	6.26	MC-TW
TW	359.4	6.05	TW-TW
COM	365.45	2.44	TW-COM
HV	367.89	2.77	COM-HV
TW	370.66	6.25	HV-TW
CAR	376.91	8.21	TW-CAR
HV	385.12	8.16	CAR-HV
TW	393.28	5.46	HV-TW
MC	398.74	8.21	TW-MC
CAR	406.95	1.6	MC-CAR
TW	408.55	5.95	CAR-TW
CAR	414.5	6.15	TW-CAR
TW	420.65	4.11	CAR-TW
HV	424.76	4.04	TW-HV
MC	428.8	4.47	HV-MC
COM	433.27	5.97	MC-COM
CAR	439.24	11.42	COM-CAR
MC	450.66	6.28	CAR-MC
COM	456.94	5.77	MC-COM
TW	462.71	4.79	COM-TW
COM	467.5	4.37	TW-COM
MC	471.87	4.17	COM-MC
CAR	476.04	5.76	MC-CAR
HV	481.8	7.95	CAR-HV
COM	489.75	4.58	HV-COM
COM	494.33	5.61	COM-COM
TW	499.94	6.78	COM-TW
TW	506.72	6.04	TW-TW
CAR	512.76	6.06	TW-CAR
HV	518.82	4.34	CAR-HV
COM	523.16	3.65	HV-COM
HV	526.81	2.74	COM-HV
TW	529.55	7.12	HV-TW
MC	536.67	5.98	TW-MC
CAR	542.65	6.54	MC-CAR
HV	549.19	4.39	CAR-HV
CAR	553.58	4.38	HV-CAR
COM	557.96	5.16	CAR-COM
HV	563.12	5.16	COM-HV
MC	568.28	6.07	HV-MC
CAR	574.35	7.95	MC-CAR
COM	582.3	8.49	CAR-COM
CAR	590.79	6.17	COM-CAR
HV	596.96	5.89	CAR-HV
TW	602.85	2.49	HV-TW
HV	605.34	4.2	TW-HV
TW	609.54	2.25	HV-TW
COM	611.79	4.34	TW-COM
TW	616.13	3.74	COM-TW
CAR	619.87	4.85	TW-CAR
COM	624.72	3.46	CAR-COM
HV	628.18	1.44	COM-HV
TW	629.62	4.12	HV-TW
TW	633.74	9.43	TW-TW
HV	643.17	3.66	TW-HV
HV	646.83	3.09	HV-HV
CAR	649.92	5.18	HV-CAR
HV	655.1	2.39	CAR-HV
HV	657.49	4.86	HV-HV
CAR	662.35	7.06	HV-CAR
HV	669.41	6.57	CAR-HV
MC	675.98	5.84	HV-MC
MC	681.82	6.8	MC-MC
TW	688.62	8.55	MC-TW
CAR	697.17	2.48	TW-CAR
HV	699.65	5.16	CAR-HV

HV	420.93	1.44	TW-HV
TW	422.37	3.35	HV-TW
TW	425.72	1.15	TW-TW
COM	426.87	4.01	TW-COM
COM	430.88	1.05	COM-COM
HV	431.93	5.16	COM-HV
MC	437.09	2.18	HV-MC
HV	439.27	1.66	MC-HV
MC	440.93	1.06	HV-MC
COM	441.99	1.51	MC-COM
HV	443.5	3.92	COM-HV
MC	447.42	3.49	HV-MC
TW	450.91	1.16	MC-TW
TW	452.07	4.01	TW-TW
HV	456.08	2.36	TW-HV
CAR	458.44	3.83	HV-CAR
TW	462.27	1.19	CAR-TW
TW	463.46	2.31	TW-TW
COM	465.77	4.78	TW-COM
COM	470.55	1.72	COM-COM
HV	472.27	7.81	COM-HV
CAR	480.08	3.11	HV-CAR
COM	483.19	3.05	CAR-COM
MC	486.24	1.46	COM-MC
MC	487.7	3.98	MC-MC
MC	491.68	2.29	MC-MC
CAR	493.97	3.85	MC-CAR
TW	497.82	2.39	CAR-TW
HV	500.21	3.94	TW-HV
MC	504.15	1.91	HV-MC
COM	506.06	4.91	MC-COM
TW	510.97	3.29	COM-TW
MC	514.26	1.88	TW-MC
TW	516.14	2.05	MC-TW
TW	518.19	2.34	TW-TW
HV	520.53	3.39	TW-HV
HV	523.92	2.92	HV-HV
TW	526.84	2.59	HV-TW
MC	529.43	3.31	TW-MC
TW	532.74	8.75	MC-TW
COM	541.49	1.47	TW-COM
MC	542.96	3.77	COM-MC
HV	546.73	1.29	MC-HV
TW	548.02	1.71	HV-TW
CAR	549.73	4.08	TW-CAR
HV	553.81	2.03	CAR-HV
HV	555.84	1.42	HV-HV
HV	557.26	5.76	HV-HV
COM	563.02	3.7	HV-COM
CAR	566.72	1.23	COM-CAR
COM	567.95	1.45	CAR-COM
MC	569.4	5.23	COM-MC
TW	574.63	4.94	MC-TW
COM	579.57	3.59	TW-COM
TW	583.16	2.34	COM-TW
MC	585.5	3.78	TW-MC
TW	589.28	1.57	MC-TW
HV	590.85	6.13	TW-HV
HV	596.98	4.76	HV-HV
TW	601.74	1.41	HV-TW
COM	603.15	0.55	TW-COM
HV	603.7	2.96	COM-HV
HV	606.66	6.03	HV-HV
COM	612.69	3.29	HV-COM
CAR	615.98	1.22	COM-CAR
MC	617.2	1.36	CAR-MC
COM	618.56	3.18	MC-COM
TW	621.74	3.07	COM-TW
COM	624.81	5.87	TW-COM
TW	630.68	1.82	COM-TW
TW	632.5	1.84	TW-TW
TW	634.34	2.7	TW-TW
CAR	637.04	1.2	TW-CAR
CAR	638.24	1.8	CAR-CAR
TW	640.04	6.38	CAR-TW
MC	646.42	4.26	TW-MC
MC	650.68	4.42	MC-MC
HV	655.1	1.92	MC-HV
COM	657.02	2.44	HV-COM
TW	659.46	6.15	COM-TW
CAR	665.61	1.31	TW-CAR
TW	666.92	6.53	CAR-TW
TW	673.45	2.89	TW-TW
COM	676.34	2.02	TW-COM
TW	678.36	4.9	COM-TW
TW	683.26	2.12	TW-TW
HV	685.38	2.58	TW-HV
CAR	687.96	4.52	HV-CAR
MC	692.48	1.11	CAR-MC
COM	693.59	0.63	MC-COM
COM	694.22	2.34	COM-COM
MC	696.56	5.71	COM-MC
COM	702.27	2.54	MC-COM
COM	704.81	3.71	COM-COM
CAR	708.52	2.3	COM-CAR
HV	710.82	1.66	CAR-HV
MC	712.48	2.78	HV-MC
HV	715.26	2.44	MC-HV
HV	717.7	1.74	HV-HV
HV	719.44	4.35	HV-HV
CAR	723.79	2.02	HV-CAR
CAR	725.81	1.29	CAR-CAR
MC	727.1	4.55	CAR-MC
HV	731.65	4.73	MC-HV
MC	736.38	2.76	HV-MC
CAR	739.14	3.31	MC-CAR
COM	742.45	4.08	CAR-COM
CAR	746.53	3.38	COM-CAR
CAR	749.91	6.74	CAR-CAR
COM	756.65	3.29	CAR-COM
MC	759.94	1.94	COM-MC
TW	761.88	0.76	MC-TW
TW	762.64	2.97	TW-TW
HV	765.61	2.31	TW-HV
COM	767.92	2.54	HV-COM
TW	770.46	4.23	COM-TW
TW	774.69	3.12	TW-TW
TW	777.81	1.45	TW-TW
COM	779.26	6.85	TW-COM
HV	786.11	4.89	COM-HV
MC	791	2.89	HV-MC
COM	793.89	1.98	MC-COM
COM	795.87	2.57	COM-COM
COM	798.44	1.29	COM-COM
COM	799.73	9.57	COM-COM
COM	809.3	5.89	COM-COM
CAR	815.19	2.56	COM-CAR
TW	817.75	0.86	CAR-TW
CAR	818.61	2.23	TW-CAR
CAR	820.84	4.06	CAR-CAR
MC	824.9	7.33	CAR-MC
COM	832.23	2.42	MC-COM
HV	834.65	5.75	COM-HV
MC	840.4	3.15	HV-MC
COM	843.55	2.03	MC-COM
CAR	845.58	2	COM-CAR
HV	847.58	3.27	CAR-HV
MC	850.85	3.17	HV-MC
HV	854.02	3.22	MC-HV
TW	857.24	3.54	HV-TW
MC	860.78	5.64	TW-MC
CAR	866.42	5.46	MC-CAR
MC	871.88	3.31	CAR-MC
TW	875.19	6.51	MC-TW
HV	881.7	3.87	TW-HV
CAR	885.57	1.51	HV-CAR
TW	887.08	3.14	CAR-TW
TW	890.22	3.04	TW-TW
MC	893.26		TW-MC

CAR	536.87	2.32	CAR-CAR
MC	539.19	2.56	CAR-MC
TW	541.75	9.33	MC-TW
MC	551.08	2.36	TW-MC
TW	553.44	3.96	MC-TW
CAR	557.4	3.1	TW-CAR
COM	560.5	1.4	CAR-COM
COM	561.9	9.13	COM-COM
CAR	571.03	3.46	COM-CAR
TW	574.49	3.04	CAR-TW
TW	577.53	5.2	TW-TW
TW	582.73	7.07	TW-TW
HV	589.8	4.5	TW-HV
CAR	594.3	5.92	HV-CAR
MC	600.22	2.85	CAR-MC
HV	603.07	4.59	MC-HV
MC	607.66	2.1	HV-MC
CAR	609.76	6.56	MC-CAR
MC	616.32	4.37	CAR-MC
HV	620.69	4.72	MC-HV
HV	625.41	2.85	HV-HV
CAR	628.26	5.77	HV-CAR
COM	634.03	10.93	CAR-COM
TW	644.96	3.96	COM-TW
HV	648.92	2.08	TW-HV
MC	651	2.75	HV-MC
CAR	653.75	4.21	MC-CAR
HV	657.96	3.85	CAR-HV
COM	661.81	2.48	HV-COM
MC	664.29	1.5	COM-MC
COM	665.79	1.97	MC-COM
HV	667.76	2.97	COM-HV
MC	670.73	6.43	HV-MC
CAR	677.16	0.75	MC-CAR
TW	677.91	7.93	CAR-TW
HV	685.84	3.84	TW-HV
CAR	689.68	3.08	HV-CAR
TW	692.76	6.76	CAR-TW
COM	699.52	1.86	TW-COM
COM	701.38	3.26	COM-COM
TW	704.64	2.13	COM-TW
TW	706.77	4.41	TW-TW
COM	711.18	3.54	TW-COM
MC	714.72	3.53	COM-MC
TW	718.25	5.05	MC-TW
MC	723.3	4.14	TW-MC
MC	727.44	5.97	MC-MC
MC	733.41	1.73	MC-MC
TW	735.14	3.99	MC-TW
HV	739.13	7.17	TW-HV
COM	746.3	2.9	HV-COM
COM	749.2	4.34	COM-COM
TW	753.54	4.93	COM-TW
TW	758.47	5.37	TW-TW
HV	763.84	3.29	TW-HV
MC	767.13	3.29	HV-MC
HV	770.42	9.47	MC-HV
COM	779.89	4.56	HV-COM
MC	784.45	2.15	COM-MC
CAR	786.6	5.58	MC-CAR
MC	792.18	2.07	CAR-MC
TW	794.25	1.84	MC-TW
CAR	796.09	6.54	TW-CAR
COM	802.63	4.99	CAR-COM
TW	807.62	9.2	COM-TW
CAR	816.82	1.29	TW-CAR
HV	818.11	4.07	CAR-HV
HV	822.18	4.36	HV-HV
MC	826.54	1.26	HV-MC
CAR	827.8	3.5	MC-CAR
TW	831.3	8.63	CAR-TW
HV	839.93	1.57	TW-HV
TW	841.5	1.75	HV-TW
HV	843.25	3.21	TW-HV
HV	846.46	2.67	HV-HV
COM	849.13	2.09	HV-COM
HV	851.22	2.6	COM-HV
CAR	853.82	4.4	HV-CAR
TW	858.22	1.59	CAR-TW
CAR	859.81	5.78	TW-CAR
COM	865.59	4.84	CAR-COM
CAR	870.43	5.66	COM-CAR
TW	876.09	1.31	CAR-TW
TW	877.4	4.75	TW-TW
MC	882.15	3.06	TW-MC
MC	885.21	4.98	MC-MC
COM	890.19	1.71	MC-COM
CAR	891.9	2.29	COM-CAR
CAR	894.19	1.84	CAR-CAR
TW	896.03	3.97	CAR-TW
MC	900		TW-MC

CAR	704.81	9.05	HV-CAR
TW	713.86	7.95	CAR-TW
HV	721.81	2.13	TW-HV
MC	723.94	6.19	HV-MC
CAR	730.13	2.43	MC-CAR
HV	732.56	6.27	CAR-HV
CAR	738.83	5.37	HV-CAR
CAR	744.2	8.7	CAR-CAR
HV	752.9	5.14	CAR-HV
TW	758.04	2.4	HV-TW
COM	760.44	2.82	TW-COM
COM	763.26	3.11	COM-COM
TW	766.37	1.6	COM-TW
CAR	767.97	5.03	TW-CAR
MC	773	3.79	CAR-MC
TW	776.79	2.78	MC-TW
MC	779.57	5.08	TW-MC
HV	784.65	2.2	MC-HV
MC	786.85	8.31	HV-MC
CAR	795.16	7.74	MC-CAR
MC	802.9	3.78	CAR-MC
TW	806.68	2.54	MC-TW
TW	809.22	3.41	TW-TW
HV	812.63	5.29	TW-HV
MC	817.92	4.68	HV-MC
COM	822.6	3.38	MC-COM
COM	825.98	4.16	COM-COM
MC	830.14	4.45	COM-MC
CAR	834.59	8.6	MC-CAR
COM	843.19	6.01	CAR-COM
MC	849.2	8.4	COM-MC
TW	857.6	6.85	MC-TW
MC	864.45	1.53	TW-MC
MC	865.98	2.63	MC-MC
TW	868.61	6.91	MC-TW
COM	875.52	2.85	TW-COM
COM	878.37	2.69	COM-COM
TW	881.06	0.99	COM-TW
CAR	882.05	6.53	TW-CAR
CAR	888.58	5.36	CAR-CAR
HV	893.94	5.69	CAR-HV
MC	899.63	0.37	HV-MC
MC	900		MC-MC

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	A1 - Road	Vehicle summary	
From	Kandy	MC	38
To	Colombo	TW	55
Side	RHS	CAR	42
Lane	Inner	COM	51
Video name	2700	HV	46
Time started	7:30 AM	SUM	232
Time finished	7:45 AM		
Traffic count (15Min)	232	Veh	
Traffic flow rate	928	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	5.12	
TW	5.12	2.15	MC-TW
COM	7.27	4.24	TW-COM
CAR	11.51	2.34	COM-CAR
HV	13.85	2.14	CAR-HV
MC	15.99	2.19	HV-MC
HV	18.18	1.04	MC-HV
CAR	19.22	4.49	HV-CAR
MC	23.71	3.03	CAR-MC
MC	26.74	1.86	MC-MC
COM	28.6	2.99	MC-COM
HV	31.59	3.74	COM-HV
MC	35.33	3.72	HV-MC
MC	39.05	3.56	MC-MC
MC	42.61	4.81	MC-MC
COM	47.42	3.59	MC-COM
CAR	51.01	4.13	COM-CAR
COM	55.14	6.18	CAR-COM
TW	61.32	2.73	COM-TW
TW	64.05	5.25	TW-TW
HV	69.3	5.36	TW-HV
TW	74.66	2.8	HV-TW
TW	77.46	3.91	TW-TW
TW	81.37	2.1	TW-TW
MC	83.47	3.81	TW-MC
HV	87.28	1.47	MC-HV
TW	88.75	0.3	HV-TW
HV	89.05	3.78	TW-HV
CAR	92.83	3.52	HV-CAR
HV	96.35	4.86	CAR-HV
HV	101.21	6.99	HV-HV
COM	108.2	2.04	HV-COM
TW	110.24	2.67	COM-TW
COM	112.91	10.7	TW-COM
COM	123.61	2.48	COM-COM
MC	126.09	0.75	COM-MC
TW	126.84	7.01	MC-TW
TW	133.85	4.41	TW-TW
HV	138.26	7.58	TW-HV
MC	145.84	2.59	HV-MC
HV	148.43	4.85	MC-HV
CAR	153.28	6.76	HV-CAR
CAR	160.04	3.19	CAR-CAR
TW	163.23	5.21	CAR-TW
TW	168.44	5.27	TW-TW
CAR	173.71	6.3	TW-CAR
COM	180.01	3.55	CAR-COM
COM	183.56	1.69	COM-COM
TW	185.25	3.36	COM-TW
COM	188.61	4.6	TW-COM
CAR	193.21	3.2	COM-CAR
TW	196.41	1.76	CAR-TW
MC	198.17	2.08	TW-MC
TW	200.25	3.42	MC-TW
TW	203.67	2.71	TW-TW
COM	206.38	2.4	TW-COM
HV	208.78	2.23	COM-HV
TW	211.01	1.38	HV-TW
COM	212.39	3.9	TW-COM
COM	216.29	4.14	COM-COM
MC	220.43	3.45	COM-MC
TW	223.88	2.39	MC-TW
HV	226.27	2.46	TW-HV
TW	228.73	1.24	HV-TW
MC	229.97	3.53	TW-MC
MC	233.5	2.55	MC-MC
COM	236.05	1.76	MC-COM
HV	237.81	7.86	COM-HV
TW	245.67	3.23	HV-TW
COM	248.9	7.73	TW-COM
TW	256.63	1.35	COM-TW
HV	257.98	7.49	TW-HV
CAR	265.47	1.75	HV-CAR
MC	267.22	3.13	CAR-MC
CAR	270.35	1.91	MC-CAR
HV	272.26	5.03	CAR-HV
MC	277.29	3.9	HV-MC
TW	281.19	3.94	MC-TW
HV	285.13	5.14	TW-HV
HV	290.27	4.04	HV-HV
HV	294.31	5.04	HV-HV
TW	299.35	2.67	HV-TW
COM	302.02	2.66	TW-COM
HV	304.68	6.87	COM-HV
HV	311.55	1.96	HV-HV
CAR	313.51	2.08	HV-CAR
TW	315.59	1.35	CAR-TW
HV	316.94	2.11	TW-HV
COM	319.05	5.09	HV-COM
HV	324.14	11.92	COM-HV
TW	336.06	4.37	HV-TW
TW	340.43	9.29	TW-TW
TW	349.72	11.16	TW-TW
COM	360.88	5.08	TW-COM
COM	365.96	6.31	COM-COM
HV	372.27	6.09	COM-HV
HV	378.36	4.74	HV-HV
TW	383.1	3.72	HV-TW
HV	386.82	2.23	TW-HV
HV	389.05	6.5	HV-HV
TW	395.55	5.62	HV-TW
CAR	401.17	2.19	TW-CAR
COM	403.36	3.6	CAR-COM
COM	406.96	3.55	COM-COM
MC	410.51	3.47	COM-MC
MC	413.98	1.35	MC-MC
TW	415.33	2.32	MC-TW
CAR	417.65	5.26	TW-CAR
CAR	422.91	2.63	CAR-CAR
HV	425.54	1.29	CAR-HV
COM	426.83	1.7	HV-COM
HV	428.53	2.9	COM-HV
COM	431.43	1.89	HV-COM
TW	433.32	3.75	COM-TW
COM	437.07	1.93	TW-COM
MC	439	2.54	COM-MC
TW	441.54	3.99	MC-TW
MC	445.53	3.78	TW-MC
CAR	449.31	6.31	MC-CAR
CAR	455.62	2.48	CAR-CAR
CAR	458.1	7.4	CAR-CAR
TW	465.5	2.09	CAR-TW
TW	467.59	7.04	TW-TW
HV	474.63	2.52	TW-HV
HV	477.15	2.68	HV-HV
MC	479.83	4.24	HV-MC
COM	484.07	1.98	MC-COM
MC	486.05	4.25	COM-MC
MC	490.3	2.57	MC-MC
COM	492.87	0.72	MC-COM
CAR	493.59	5.86	COM-CAR
COM	499.45	5.88	CAR-COM
HV	505.33	0.52	COM-HV
CAR	505.85	1.41	HV-CAR
COM	507.26	6.83	CAR-COM
HV	514.09	3.7	COM-HV
MC	517.79	3.52	HV-MC
CAR	521.31	3.27	MC-CAR

Road Name	A1 - Road	Vehicle summary	
From	Kandy	MC	57
To	Colombo	TW	52
Side	RHS	CAR	44
Lane	Inner	COM	61
Video name	3000	HV	52
Time started	8:30 AM	SUM	266
Time finished	8:45 AM		
Traffic count (15Min)	266	Veh	
Traffic flow rate	1064	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	0.96	
TW	0.96	5.58	COM-TW
MC	6.54	1.46	TW-MC
CAR	8	1.12	MC-CAR
MC	9.12	5.69	CAR-MC
COM	14.81	4.41	MC-COM
CAR	19.22	4.25	COM-CAR
MC	23.47	3.74	CAR-MC
HV	27.21	3.37	MC-HV
HV	30.58	2.77	HV-HV
TW	33.35	3.14	HV-TW
HV	36.49	2.05	TW-HV
TW	38.54	2.72	HV-TW
TW	41.26	6.07	TW-TW
CAR	47.33	1.78	TW-CAR
COM	49.11	7.01	CAR-COM
MC	56.12	3.44	COM-MC
MC	59.56	3.4	MC-MC
HV	62.96	1.43	MC-HV
CAR	64.39	8.88	HV-CAR
MC	73.27	2.23	CAR-MC
TW	75.5	4.81	MC-TW
MC	80.31	3.16	TW-MC
TW	83.47	6	MC-TW
HV	89.47	2.86	TW-HV
CAR	92.33	2.06	HV-CAR
HV	94.39	4.19	CAR-HV
CAR	98.58	6.93	HV-CAR
TW	105.51	3.96	CAR-TW
HV	109.47	5.21	TW-HV
HV	114.68	2.9	HV-HV
MC	117.58	2.18	HV-MC
MC	119.76	3.74	MC-MC
MC	123.5	2.62	MC-MC
MC	126.12	2.3	MC-MC
TW	128.42	6.03	MC-TW
HV	134.45	3.07	TW-HV
HV	137.52	0.97	HV-HV
HV	138.49	5.99	HV-HV
TW	144.48	3.43	HV-TW
TW	147.91	3.28	TW-TW
CAR	151.19	1.61	TW-CAR
TW	152.8	2.85	CAR-TW
CAR	155.65	2.04	TW-CAR
MC	157.69	2.54	CAR-MC
COM	160.23	3.44	MC-COM
CAR	163.67	1.56	COM-CAR
MC	165.23	5.01	CAR-MC
TW	170.24	3.27	MC-TW
CAR	173.51	2.55	TW-CAR
COM	176.06	2.85	CAR-COM
HV	178.91	1.35	COM-HV
MC	180.26	3.64	HV-MC
COM	183.9	1.18	MC-COM
TW	185.08	1.69	COM-TW
CAR	186.77	4.93	TW-CAR
MC	191.7	1.94	CAR-MC
COM	193.64	10.96	MC-COM
COM	204.6	3.8	COM-COM
COM	208.4	0.67	COM-COM
TW	209.07	2.05	COM-TW
CAR	211.12	4.38	TW-CAR
TW	215.5	3.27	CAR-TW
CAR	218.77	3.64	TW-CAR
TW	222.41	2.85	CAR-TW
MC	225.26	3.46	TW-MC
TW	228.72	4.8	MC-TW
COM	233.52	3.72	TW-COM
TW	237.24	5.13	COM-TW
TW	242.37	3.27	TW-TW
TW	245.64	3.51	TW-TW
MC	249.15	2.65	TW-MC
MC	251.8	2.62	MC-MC
COM	254.42	4.11	MC-COM
MC	258.53	2.2	COM-MC
TW	260.73	1.38	MC-TW
MC	262.11	1.96	TW-MC
COM	264.07	3.69	MC-COM
MC	267.76	2.27	COM-MC
MC	270.03	4.52	MC-MC
HV	274.55	5.49	MC-HV
CAR	280.04	3.21	HV-CAR
TW	283.25	1.78	CAR-TW
CAR	285.03	3.75	TW-CAR
COM	288.78	1.62	CAR-COM
TW	290.4	2.82	COM-TW
HV	293.22	6.52	TW-HV
HV	299.74	2.72	HV-HV
TW	302.46	3.18	HV-TW
COM	305.64	4.97	TW-COM
CAR	310.61	2.89	COM-CAR
MC	313.5	4.04	CAR-MC
COM	317.54	4.78	MC-COM
CAR	322.32	1.74	COM-CAR
MC	324.06	1.27	CAR-MC
MC	325.33	3.31	MC-MC
CAR	328.64	5.68	MC-CAR
HV	334.32	4.54	CAR-HV
MC	338.86	2	HV-MC
HV	340.86	1.7	MC-HV
MC	342.56	6.91	HV-MC
MC	349.47	4.5	MC-MC
HV	353.97	2.95	MC-HV
COM	356.92	4.94	HV-COM
TW	361.86	5.11	COM-TW
TW	366.97	0.94	TW-TW
MC	367.91	0.73	TW-MC
COM	368.64	5.45	MC-COM
COM	374.09	1.56	COM-COM
COM	375.65	1.82	COM-COM
MC	377.47	2.5	COM-MC
TW	379.97	3.95	MC-TW
COM	383.92	0.66	TW-COM
MC	384.58	3.19	COM-MC
COM	387.77	2.01	MC-COM
TW	389.78	6.22	COM-TW
COM	396	1.04	TW-COM
CAR	397.04	3.36	COM-CAR
COM	400.4	1.17	CAR-COM
MC	401.57	5.74	COM-MC
HV	407.31	2.61	MC-HV
COM	409.92	2.35	HV-COM
MC	412.27	1.49	COM-MC
COM	413.76	1.27	MC-COM
HV	415.03	7.7	COM-HV
HV	422.73	3.72	HV-HV
MC	426.45	2.66	HV-MC
MC	429.11	1.15	MC-MC
MC	430.26	5.59	MC-MC
TW	435.85	3.78	MC-TW
COM	439.63	1.87	TW-COM
HV	441.5	4.15	COM-HV
MC	445.65	4.82	HV-MC
TW	450.47	3.18	MC-TW
HV	453.65	2.83	TW-HV
CAR	456.48	6.1	HV-CAR
MC	462.58	3.51	CAR-MC
CAR	466.09	1.1	MC-CAR

Road Name	A1 - Road	Vehicle summary	
From	Kandy	MC	21
To	Colombo	TW	26
Side	RHS	CAR	22
Lane	Inner	COM	26
Video name	3300	HV	27
Time started	8:45 AM	SUM	122
Time finished	9:00 AM		
Traffic count (15Min)	122	Veh	
Traffic flow rate	488	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	8.1	
HV	8.1	6.56	COM-HV
TW	14.66	6.11	HV-TW
CAR	20.77	9.47	TW-CAR
COM	30.24	5.48	CAR-COM
CAR	35.72	4.07	COM-CAR
MC	39.79	6.76	CAR-MC
TW	46.55	11.48	MC-TW
TW	58.03	3.96	TW-TW
CAR	61.99	10.02	TW-CAR
CAR	72.01	4.04	CAR-CAR
COM	76.05	5.8	CAR-COM
HV	81.85	7.73	COM-HV
HV	89.58	7.79	HV-HV
MC	97.37	5.03	HV-MC
CAR	102.4	5.93	MC-CAR
COM	108.33	4.78	CAR-COM
MC	113.11	7.61	COM-MC
MC	120.72	4.35	MC-MC
COM	125.07	9.02	MC-COM
CAR	134.09	7.14	COM-CAR
HV	141.23	5.06	CAR-HV
TW	146.29	9.26	HV-TW
CAR	155.55	7.41	TW-CAR
COM	162.96	5.75	CAR-COM
TW	168.71	6.64	COM-TW
HV	175.35	8.56	TW-HV
HV	183.91	9.59	HV-HV
COM	193.5	3.7	HV-COM
TW	197.2	8.07	COM-TW
CAR	205.27	5.99	TW-CAR
TW	211.26	5.98	CAR-TW
COM	217.24	16.93	TW-COM
COM	234.17	6.77	COM-COM
TW	240.94	6.51	COM-TW
HV	247.45	2.71	TW-HV
MC	250.16	8.17	HV-MC
CAR	258.33	4.61	MC-CAR
TW	262.94	7.33	CAR-TW
COM	270.27	6.08	TW-COM
HV	276.35	5.73	COM-HV
MC	282.08	3.13	HV-MC
TW	285.21	4.93	MC-TW
COM	290.14	10.01	TW-COM
COM	300.15	2.73	COM-COM
HV	302.88	8.57	COM-HV
MC	311.45	10.41	HV-MC
CAR	321.86	12.24	MC-CAR
HV	334.1	6.06	CAR-HV
MC	340.16	5.34	HV-MC
HV	345.5	6.86	MC-HV
TW	352.36	7.97	HV-TW
TW	360.33	5.29	TW-TW
TW	365.62	5.35	TW-TW
HV	370.97	10.9	TW-HV
COM	381.87	5.78	HV-COM
COM	387.65	13.74	COM-COM
MC	401.39	6.09	COM-MC
MC	407.48	9.09	MC-MC
HV	416.57	8.29	MC-HV
TW	424.86	5.36	HV-TW
COM	430.22	8.18	TW-COM
CAR	438.4	6.03	COM-CAR
COM	444.43	8.3	CAR-COM
MC	452.73	14.65	COM-MC
HV	467.38	7.82	MC-HV
MC	475.2	5.19	HV-MC
HV	480.39	5.76	MC-HV
CAR	486.15	6.41	HV-CAR
TW	492.56	10.75	CAR-TW
COM	503.31	8.71	TW-COM
TW	512.02	9.94	COM-TW
HV	521.96	9.97	TW-HV
CAR	531.93	5.15	HV-CAR
CAR	537.08	12.93	CAR-CAR
MC	550.01	5.91	CAR-MC
HV	555.92	11.54	MC-HV
HV	567.46	3.86	HV-HV
COM	571.32	14.46	HV-COM
COM	585.78	5.3	COM-COM
TW	591.08	6.48	COM-TW
COM	597.56	6.5	TW-COM
HV	604.06	7.93	COM-HV
COM	611.99	9.66	HV-COM
CAR	621.65	8.73	COM-CAR
COM	630.38	13.01	CAR-COM
CAR	643.39	6.4	COM-CAR
TW	649.79	4.85	CAR-TW
MC	654.64	5.75	TW-MC
TW	660.39	6.42	MC-TW
HV	666.81	2.63	TW-HV
CAR	669.44	7.06	HV-CAR
HV	676.5	6.69	CAR-HV
COM	683.19	9.88	HV-COM
MC	693.07	7.52	COM-MC
MC	700.59	10.31	MC-MC
TW	710.9	7.35	MC-TW
CAR	718.25	7.32	TW-CAR
TW	725.57	14.84	CAR-TW
MC	740.41	6.68	TW-MC
TW	747.09	4.48	MC-TW
TW	751.57	5.44	TW-TW
COM	757.01	12.14	TW-COM
TW	769.15	6.8	COM-TW
CAR	775.95	5.13	TW-CAR
HV	781.08	7.73	CAR-HV
HV	788.81	7.71	HV-HV
HV	796.52	6.14	HV-HV
MC	802.66	5.45	HV-MC
MC	808.11	7.04	MC-MC
HV	815.15	6.71	MC-HV
HV	821.86	8.08	HV-HV
CAR	829.94	5.82	HV-CAR
COM	835.76	12.42	CAR-COM
CAR	848.18	7.92	COM-CAR
MC	856.1	4.64	CAR-MC
TW	860.74	9.89	MC-TW
COM	870.63	4.84	TW-COM
CAR	875.47	9.76	COM-CAR
TW	885.23	8.27	CAR-TW
HV	893.5	5.38	TW-HV
MC	898.88		HV-MC

COM	524.58	1.26	CAR-COM
TW	525.84	4.07	COM-TW
MC	529.91	5.43	TW-MC
MC	535.34	3.66	MC-MC
TW	539	2.05	MC-TW
TW	541.05	3.06	TW-TW
HV	544.11	5.79	TW-HV
COM	549.9	2.36	HV-COM
CAR	552.26	3.9	COM-CAR
TW	556.16	5.13	CAR-TW
MC	561.29	2.71	TW-MC
CAR	564	5.4	MC-CAR
CAR	569.4	3.64	CAR-CAR
CAR	573.04	6.08	CAR-CAR
MC	579.12	5.16	CAR-MC
MC	584.28	5.5	MC-MC
CAR	589.78	2.17	MC-CAR
CAR	591.95	4.84	CAR-CAR
COM	596.79	2.76	CAR-COM
CAR	599.55	4.16	COM-CAR
COM	603.71	3.96	CAR-COM
TW	607.67	9.6	COM-TW
COM	617.27	6.43	TW-COM
TW	623.7	9.17	COM-TW
COM	632.87	3.6	TW-COM
CAR	636.47	1.89	COM-CAR
CAR	638.36	1.14	CAR-CAR
COM	639.5	5.59	CAR-COM
COM	645.09	2.21	COM-COM
TW	647.3	4.59	COM-TW
HV	651.89	9.01	TW-HV
COM	660.9	3.17	HV-COM
HV	664.07	4.39	COM-HV
TW	668.46	1.33	HV-TW
COM	669.79	4.91	TW-COM
COM	674.7	4.64	COM-COM
CAR	679.34	2.4	COM-CAR
MC	681.74	4.36	CAR-MC
TW	686.1	4.47	MC-TW
CAR	690.57	2.28	TW-CAR
MC	692.85	3.71	CAR-MC
COM	696.56	2.39	MC-COM
CAR	698.95	0.55	COM-CAR
COM	699.5	4.08	CAR-COM
COM	703.58	3.29	COM-COM
CAR	706.87	3.74	COM-CAR
COM	710.61	1.62	CAR-COM
COM	712.23	4.48	COM-COM
COM	716.71	3.2	COM-COM
MC	719.91	2.01	COM-MC
CAR	721.92	3.78	MC-CAR
MC	725.7	1.88	CAR-MC
HV	727.58	3.02	MC-HV
CAR	730.6	6.01	HV-CAR
COM	736.61	6.15	CAR-COM
HV	742.76	4.8	COM-HV
TW	747.56	3.6	HV-TW
HV	751.16	3.14	TW-HV
HV	754.3	2.72	HV-HV
TW	757.02	2.97	HV-TW
TW	759.99	6.37	TW-TW
HV	766.36	4.05	TW-HV
MC	770.41	9.72	HV-MC
CAR	780.13	6.61	MC-CAR
COM	786.74	1.96	CAR-COM
MC	788.7	1.83	COM-MC
CAR	790.53	1.47	MC-CAR
CAR	792	5.31	CAR-CAR
TW	797.31	2.16	CAR-TW
CAR	799.47	3.89	TW-CAR
HV	803.36	2.89	CAR-HV
TW	806.25	2.04	HV-TW
HV	808.29	6.17	TW-HV
CAR	814.46	2.37	HV-CAR
COM	816.83	4.58	CAR-COM
HV	821.41	3.32	COM-HV
COM	824.73	3.3	HV-COM
HV	828.03	5.03	COM-HV
MC	833.06	3.7	HV-MC
CAR	836.76	3.75	MC-CAR
HV	840.51	4.95	CAR-HV
TW	845.46	3.15	HV-TW
TW	848.61	4.35	TW-TW
TW	852.96	2.39	TW-TW
CAR	855.35	2.57	TW-CAR
MC	857.92	4.58	CAR-MC
HV	862.5	3.43	MC-HV
TW	865.93	2.52	HV-TW
COM	868.45	1.36	TW-COM
MC	869.81	5.98	COM-MC
COM	875.79	2.04	MC-COM
TW	877.83	2.46	COM-TW
TW	880.29	2.71	TW-TW
TW	883		TW-TW

MC	467.19	2.79	CAR-MC
HV	469.98	3.87	MC-HV
TW	473.85	3.64	HV-TW
COM	477.49	0.99	TW-COM
TW	478.48	3.64	COM-TW
CAR	482.12	1.8	TW-CAR
CAR	483.92	2.43	CAR-CAR
COM	486.35	3.8	CAR-COM
TW	490.15	10.21	COM-TW
COM	500.36	2.79	TW-COM
COM	503.15	7.48	COM-COM
TW	510.63	3.87	COM-TW
COM	514.5	2.19	TW-COM
CAR	516.69	3.7	COM-CAR
TW	520.39	2.11	CAR-TW
TW	522.5	3.85	TW-TW
MC	526.35	3.7	TW-MC
HV	530.05	4.25	MC-HV
CAR	534.3	3.71	HV-CAR
HV	538.01	2.51	CAR-HV
MC	540.52	5.14	HV-MC
TW	545.66	4.63	MC-TW
MC	550.29	4.92	TW-MC
COM	555.21	4.6	MC-COM
HV	559.81	7.39	COM-HV
COM	567.2	2.71	HV-COM
CAR	569.91	1.06	COM-CAR
CAR	570.97	1.53	CAR-CAR
TW	572.5	3.17	CAR-TW
HV	575.67	4.37	TW-HV
TW	580.04	3.2	HV-TW
TW	583.24	1.32	TW-TW
MC	584.56	1.07	TW-MC
MC	585.63	2.24	MC-MC
TW	587.87	2.7	MC-TW
COM	590.57	2.84	TW-COM
CAR	593.41	4.92	COM-CAR
HV	598.33	2.78	CAR-HV
HV	601.11	2.7	HV-HV
CAR	603.81	6.52	HV-CAR
CAR	610.33	3.61	CAR-CAR
COM	613.94	2.82	CAR-COM
COM	616.76	2.17	COM-COM
HV	618.93	3.7	COM-HV
COM	622.63	0.94	HV-COM
HV	623.57	6.6	COM-HV
HV	630.17	1.57	HV-HV
HV	631.74	1.06	HV-HV
MC	632.8	4.94	HV-MC
MC	637.74	3.48	MC-MC
HV	641.22	1.31	MC-HV
MC	642.53	4.14	HV-MC
HV	646.67	9.76	MC-HV
MC	656.43	4.83	HV-MC
COM	661.26	5.35	MC-COM
HV	666.61	0.95	COM-HV
TW	667.56	5.18	HV-TW
HV	672.74	3.04	TW-HV
COM	675.78	0.91	HV-COM
CAR	676.69	4.12	COM-CAR
CAR	680.81	2.47	CAR-CAR
COM	683.28	2.4	CAR-COM
HV	685.68	5.74	COM-HV
MC	691.42	2.75	HV-MC
CAR	694.17	5.41	MC-CAR
CAR	699.58	0.73	CAR-CAR
COM	700.31	6.41	CAR-COM
TW	706.72	2.33	COM-TW
CAR	709.05	3.61	TW-CAR
CAR	712.66	3.26	CAR-CAR
TW	715.92	5.56	CAR-TW
CAR	721.48	1.29	TW-CAR
COM	722.77	2.87	CAR-COM
MC	725.64	3	COM-MC
CAR	728.64	2.8	MC-CAR
COM	731.44	0.88	CAR-COM
MC	732.32	5.88	COM-MC
COM	738.2	2.65	MC-COM
HV	740.85	5.35	COM-HV
HV	746.2	3.05	HV-HV
HV	749.25	4.49	HV-HV
COM	753.74	2.24	HV-COM
CAR	755.98	2.17	COM-CAR
HV	758.15	1.9	CAR-HV
TW	760.05	6.62	HV-TW
COM	766.67	7	TW-COM
CAR	773.67	1.72	COM-CAR
CAR	775.39	1.45	CAR-CAR
TW	776.84	1.5	CAR-TW
COM	778.34	7.61	TW-COM
COM	785.95	2.2	COM-COM
TW	788.15	2.32	COM-TW
TW	790.47	4.96	TW-TW
COM	795.43	2.16	TW-COM
MC	797.59	1.43	COM-MC
COM	799.02	1.49	MC-COM
HV	800.51	3.79	COM-HV
HV	804.3	5.35	HV-HV
HV	809.65	0.64	HV-HV
TW	810.29	1.43	HV-TW
COM	811.72	3.89	TW-COM
CAR	815.61	3.35	COM-CAR
COM	818.96	2.47	CAR-COM
COM	821.43	1.95	COM-COM
TW	823.38	2.79	COM-TW
COM	826.17	5.87	TW-COM
HV	832.04	5.75	COM-HV
HV	837.79	2.79	HV-HV
COM	840.58	2.69	HV-COM
COM	843.27	4.39	COM-COM
MC	847.66	3.32	COM-MC
HV	850.98	3.9	MC-HV
COM	854.88	3.82	HV-COM
COM	858.7	2.75	COM-COM
MC	861.45	6.15	COM-MC
CAR	867.6	2.77	MC-CAR
COM	870.37	3.42	CAR-COM
MC	873.79	3.72	COM-MC
HV	877.51	2.76	MC-HV
TW	880.27	2.28	HV-TW
TW	882.55	1.3	TW-TW
MC	883.85	2.26	TW-MC
CAR	886.11	4.79	MC-CAR
COM	890.9	3.07	CAR-COM
COM	893.97	1.13	COM-COM
HV	895.1	2.95	COM-HV
HV	898.05	1.95	HV-HV
MC	900		HV-MC

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	A1 - Road	Vehicle summary	
From	Kandy	MC	63
To	Colombo	TW	62
Side	RHS	CAR	65
Lane	Inner	COM	42
Video name	3600	HV	50
Time started	12:30 PM	SUM	282
Time finished	12:45 PM		
Traffic count (15Min)	282	Veh	
Traffic flow rate	1128	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
TW	0	3.05	
TW	3.05	1.56	TW-TW
HV	4.61	0.54	TW-HV
CAR	5.15	0.61	HV-CAR
MC	5.76	6.52	CAR-MC
TW	12.28	2.43	MC-TW
CAR	14.71	1.78	TW-CAR
COM	16.49	1.83	CAR-COM
CAR	18.32	2.21	COM-CAR
COM	20.53	3.1	CAR-COM
MC	23.63	2.86	COM-MC
HV	26.49	6.52	MC-HV
MC	33.01	3.99	HV-MC
MC	37	1.5	MC-MC
MC	38.5	4.62	MC-MC
MC	43.12	2.53	MC-MC
COM	45.65	8.01	MC-COM
TW	53.66	2.8	COM-TW
TW	56.46	2.42	TW-TW
MC	58.88	2.86	TW-MC
MC	61.74	2.84	MC-MC
CAR	64.58	1.85	MC-CAR
CAR	66.43	1.98	CAR-CAR
CAR	68.41	8.48	CAR-CAR
CAR	76.89	5.41	CAR-CAR
COM	82.3	1.61	CAR-COM
COM	83.91	2.66	COM-COM
COM	86.57	3.9	COM-COM
CAR	90.47	5.08	COM-CAR
COM	95.55	2.11	CAR-COM
MC	97.66	4.15	COM-MC
MC	101.81	1.35	MC-MC
MC	103.16	2.58	MC-MC
COM	105.74	4.68	MC-COM
CAR	110.42	2.85	COM-CAR
HV	113.27	3.38	CAR-HV
HV	116.65	2.71	HV-HV
HV	119.36	3.31	HV-HV
TW	122.67	0.77	HV-TW
CAR	123.44	1.92	TW-CAR
TW	125.36	2.29	CAR-TW
CAR	127.65	4.54	TW-CAR
MC	132.19	3.31	CAR-MC
CAR	135.5	2.34	MC-CAR
TW	137.84	2.6	CAR-TW
HV	140.44	1.92	TW-HV
TW	142.36	3.74	HV-TW
MC	146.1	1.35	TW-MC
CAR	147.45	2.88	MC-CAR
CAR	150.33	1.7	CAR-CAR
MC	152.03	1.4	CAR-MC
HV	153.43	1.51	MC-HV
HV	154.94	1.45	HV-HV
MC	156.39	2.03	HV-MC
TW	158.42	0.85	MC-TW
CAR	159.27	4.59	TW-CAR
MC	163.86	2	CAR-MC
HV	165.86	3.36	MC-HV
MC	169.22	1.13	HV-MC
CAR	170.35	1.17	MC-CAR
MC	171.52	2.44	CAR-MC
CAR	173.96	2.57	MC-CAR
COM	176.53	1.06	CAR-COM
TW	177.59	2.47	COM-TW
MC	180.06	9.2	TW-MC
TW	189.26	0.16	MC-TW
HV	189.42	2.99	TW-HV
HV	192.41	1.05	HV-HV
MC	193.46	2.9	HV-MC
CAR	196.36	2.57	MC-CAR
COM	198.93	4.96	CAR-COM
HV	203.89	3.98	COM-HV
CAR	207.87	4.94	HV-CAR
COM	212.81	7.89	CAR-COM
TW	220.7	4.48	COM-TW
COM	225.18	2.05	TW-COM
TW	227.23	4.86	COM-TW
HV	232.09	1.3	TW-HV
TW	233.39	1.31	HV-TW
CAR	234.7	2.36	TW-CAR
TW	237.06	5.31	CAR-TW
TW	242.37	4.4	TW-TW
COM	246.77	3.93	TW-COM
CAR	250.7	4.59	COM-CAR
CAR	255.29	5.75	CAR-CAR
HV	261.04	5.37	CAR-HV
HV	266.41	6	HV-HV
MC	272.41	3.29	HV-MC
TW	275.7	1.91	MC-TW
CAR	277.61	7.22	TW-CAR
TW	284.83	4.78	CAR-TW
TW	289.61	4.01	TW-TW
HV	293.62	0.84	TW-HV
HV	294.46	1	HV-HV
MC	295.46	4.49	HV-MC
TW	299.95	2.1	MC-TW
TW	302.05	2.13	TW-TW
CAR	304.18	2.9	TW-CAR
TW	307.08	2.22	CAR-TW
HV	309.3	4.89	TW-HV
MC	314.19	2.48	HV-MC
HV	316.67	4.47	MC-HV
MC	321.14	0.61	HV-MC
COM	321.75	6.94	MC-COM
MC	328.69	7.18	COM-MC
CAR	335.87	2.24	MC-CAR
TW	338.11	2.46	CAR-TW
TW	340.57	3.86	TW-TW
COM	344.43	2.05	TW-COM
TW	346.48	2.15	COM-TW
TW	348.63	3.65	TW-TW
COM	352.28	1.25	TW-COM
CAR	353.53	2.45	COM-CAR
COM	355.98	4.62	CAR-COM
MC	360.6	5.38	COM-MC
CAR	365.98	2.1	MC-CAR
MC	368.08	2.94	CAR-MC
COM	371.02	3.05	MC-COM
COM	374.07	4.21	COM-COM
CAR	378.28	3.19	COM-CAR
COM	381.47	1.07	CAR-COM
CAR	382.54	1.62	COM-CAR
CAR	384.16	4.21	CAR-CAR
CAR	388.37	3.29	CAR-CAR
TW	391.66	2.41	CAR-TW
COM	394.07	3.25	TW-COM
MC	397.32	2.71	COM-MC
CAR	400.03	1.55	MC-CAR
CAR	401.58	4.74	CAR-CAR
TW	406.32	2.52	CAR-TW
MC	408.84	4.47	TW-MC
HV	413.31	5.25	MC-HV
TW	418.56	5.01	HV-TW
COM	423.57	1.61	TW-COM
CAR	425.18	2.57	COM-CAR
CAR	427.75	1.6	CAR-CAR
COM	429.35	0.83	CAR-COM
TW	430.18	2.96	COM-TW

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	57
To	Kandy	TW	66
Side	LHS	CAR	56
Lane	Inner	COM	57
Video name	3900	HV	54
Time started	12:45 PM	SUM	290
Time finished	1:00 PM		
Traffic count (15Min)	290	Veh	
Traffic flow rate	1160	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
HV	0	4.09	
TW	4.09	6.59	HV-TW
CAR	10.68	5.31	TW-CAR
CAR	15.99	1.21	CAR-CAR
MC	17.2	3.91	CAR-MC
MC	21.11	1.9	MC-MC
COM	23.01	0.94	MC-COM
TW	23.95	5.57	COM-TW
HV	29.52	2.42	TW-HV
CAR	31.94	2.55	HV-CAR
CAR	34.49	2.66	CAR-CAR
COM	37.15	1.77	CAR-COM
COM	38.92	1.32	COM-COM
HV	40.24	3.12	COM-HV
COM	43.36	2.89	HV-COM
CAR	46.25	2.43	COM-CAR
COM	48.68	2.83	CAR-COM
CAR	51.51	3.27	COM-CAR
MC	54.78	5.21	CAR-MC
CAR	59.99	0.91	MC-CAR
HV	60.9	4.69	CAR-HV
MC	65.59	5.95	HV-MC
HV	71.54	0.61	MC-HV
HV	72.15	6.55	HV-HV
MC	78.7	5.26	HV-MC
COM	83.96	2.69	MC-COM
TW	86.65	5.4	COM-TW
TW	92.05	0.69	TW-TW
CAR	92.74	4.37	TW-CAR
HV	97.11	3.97	CAR-HV
MC	101.08	5.07	HV-MC
CAR	106.15	4.19	MC-CAR
HV	110.34	1.81	CAR-HV
MC	112.15	3.26	HV-MC
COM	115.41	2.6	MC-COM
CAR	118.01	3.09	COM-CAR
HV	121.1	1.7	CAR-HV
CAR	122.8	1.52	HV-CAR
MC	124.32	0.93	CAR-MC
MC	125.25	4.16	MC-MC
MC	129.41	1.75	MC-MC
TW	131.16	2.91	MC-TW
COM	134.07	3.82	TW-COM
CAR	137.89	1.19	COM-CAR
MC	139.08	4.16	CAR-MC
CAR	143.24	4.36	MC-CAR
COM	147.6	3.65	CAR-COM
CAR	151.25	3.89	COM-CAR
HV	155.14	6.87	CAR-HV
TW	162.01	4.56	HV-TW
CAR	166.57	1.92	TW-CAR
HV	168.49	3.07	CAR-HV
MC	171.56	1.99	HV-MC
TW	173.55	4.21	MC-TW
TW	177.76	2.03	TW-TW
TW	179.79	1.63	TW-TW
MC	181.42	2.71	TW-MC
COM	184.13	2.27	MC-COM
MC	186.4	2.1	COM-MC
CAR	188.5	4.55	MC-CAR
HV	193.05	5.27	CAR-HV
HV	198.32	3.06	HV-HV
MC	201.38	6.01	HV-MC
TW	207.39	5.23	MC-TW
MC	212.62	6.37	TW-MC
HV	218.99	1.43	MC-HV
HV	220.42	9.01	HV-HV
TW	229.43	2.32	HV-TW
TW	231.75	7.32	TW-TW
CAR	239.07	3.29	TW-CAR
CAR	242.36	7.71	CAR-CAR
CAR	250.07	4.42	CAR-CAR
TW	254.49	3.45	CAR-TW
MC	257.94	2.95	TW-MC
HV	260.89	2.16	MC-HV
HV	263.05	1.33	HV-HV
TW	264.38	7.36	HV-TW
TW	271.74	5.11	TW-TW
TW	276.85	3.34	TW-TW
COM	280.19	3.4	TW-COM
CAR	283.59	2.92	COM-CAR
MC	286.51	3.43	CAR-MC
HV	289.94	1.13	MC-HV
CAR	291.07	2.91	HV-CAR
COM	293.98	3.11	CAR-COM
TW	297.09	5.57	COM-TW
CAR	302.66	6.41	TW-CAR
MC	309.07	8.03	CAR-MC
COM	317.1	4.21	MC-COM
TW	321.31	1.17	COM-TW
CAR	322.48	4.69	TW-CAR
HV	327.17	2.42	CAR-HV
TW	329.59	3.56	HV-TW
HV	333.15	5.93	TW-HV
MC	339.08	4.3	HV-MC
HV	343.38	1.14	MC-HV
HV	344.52	4.67	HV-HV
TW	349.19	2.51	HV-TW
TW	351.7	4.04	TW-TW
COM	355.74	3.48	TW-COM
COM	359.22	3.7	COM-COM
COM	362.92	2.69	COM-COM
HV	365.61	3.51	COM-HV
MC	369.12	1.99	HV-MC
MC	371.11	2.25	MC-MC
TW	373.36	1.82	MC-TW
COM	375.18	2.96	TW-COM
CAR	378.14	3.73	COM-CAR
COM	381.87	5.75	CAR-COM
HV	387.62	2.2	COM-HV
MC	389.82	2.05	HV-MC
HV	391.87	0.91	MC-HV
TW	392.78	2.33	HV-TW
MC	395.11	1.58	TW-MC
CAR	396.69	4.13	MC-CAR
COM	400.82	1.4	CAR-COM
HV	402.22	1.16	COM-HV
TW	403.38	3.17	HV-TW
CAR	406.55	2.93	TW-CAR
CAR	409.48	0.85	CAR-CAR
HV	410.33	3.15	CAR-HV
CAR	413.48	5.26	HV-CAR
TW	418.74	1.1	CAR-TW
HV	419.84	1.1	TW-HV
TW	420.94	2.93	HV-TW
COM	423.87	1.38	TW-COM
HV	425.25	4.72	COM-HV
TW	429.97	5.3	HV-TW
MC	435.27	2.68	TW-MC
TW	437.95	4.96	MC-TW
MC	442.91	1.87	TW-MC
HV	444.78	2.72	MC-HV
CAR	447.5	2.53	HV-CAR
COM	450.03	3.73	CAR-COM
TW	453.76	2.38	COM-TW
COM	456.14	4.21	TW-COM
MC	460.35	3.3	COM-MC
CAR	463.65	4.04	MC-CAR

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	65
To	Kandy	TW	56
Side	LHS	CAR	53
Lane	Inner	COM	50
Video name	4200	HV	62
Time started	1:15 PM	SUM	286
Time finished	1:30 PM		
Traffic count (15Min)	286	Veh	
Traffic flow rate	1144	Veh/hr	

Category	Time (Sec)	Headway (Sec)	Pairwise
HV	0	1.94	
COM	1.94	4.17	HV-COM
CAR	6.11	4.97	COM-CAR
MC	11.08	3.99	CAR-MC
CAR	15.07	3.91	MC-CAR
CAR	18.98	4.92	CAR-CAR
COM	23.9	3.5	CAR-COM
CAR	27.4	1.39	COM-CAR
MC	28.79	2.46	CAR-MC
CAR	31.25	1.03	MC-CAR
HV	32.28	3.31	CAR-HV
COM	35.59	3.47	HV-COM
COM	39.06	1.22	COM-COM
TW	40.28	2.97	COM-TW
COM	43.25	3.38	TW-COM
HV	46.63	0.44	COM-HV
HV	47.07	2.5	HV-HV
CAR	49.57	2.66	HV-CAR
HV	52.23	1.78	CAR-HV
CAR	54.01	3.34	HV-CAR
MC	57.35	2.33	CAR-MC
CAR	59.68	2.89	MC-CAR
TW	62.57	3.71	CAR-TW
CAR	66.28	1.8	TW-CAR
TW	68.08	1.69	CAR-TW
HV	69.77	2.63	TW-HV
COM	72.4	2.42	HV-COM
HV	74.82	1.06	COM-HV
CAR	75.88	3.25	HV-CAR
HV	79.13	3.43	CAR-HV
TW	82.56	4.49	HV-TW
CAR	87.05	4.91	TW-CAR
COM	91.96	2.39	CAR-COM
CAR	94.35	1.48	COM-CAR
TW	95.83	0.85	CAR-TW
TW	96.68	4.77	TW-TW
TW	101.45	5.57	TW-TW
CAR	107.02	2.12	TW-CAR
HV	109.14	3.26	CAR-HV
MC	112.4	7.18	HV-MC
MC	119.58	2.81	MC-MC
MC	122.39	8.93	MC-MC
COM	131.32	3.46	MC-COM
TW	134.78	1.92	COM-TW
MC	136.7	3.41	TW-MC
MC	140.11	2.52	MC-MC
COM	142.63	1.8	MC-COM
TW	144.43	2.22	COM-TW
MC	146.65	1.25	TW-MC
COM	147.9	2.8	MC-COM
MC	150.7	2.1	COM-MC
TW	152.8	2.5	MC-TW
COM	155.3	1.83	TW-COM
HV	157.13	1.79	COM-HV
TW	158.92	1.31	HV-TW
TW	160.23	1.26	TW-TW
HV	161.49	4.46	TW-HV
MC	165.95	3.34	HV-MC
MC	169.29	1.83	MC-MC
HV	171.12	3.53	MC-HV
TW	174.65	2.94	HV-TW
HV	177.59	3.92	TW-HV
MC	181.51	1.1	HV-MC
COM	182.61	5.89	MC-COM
TW	188.5	2.76	COM-TW
CAR	191.26	4.86	TW-CAR
TW	196.12	3.21	CAR-TW
MC	199.33	5.21	TW-MC
CAR	204.54	6.52	MC-CAR
COM	211.06	3.31	CAR-COM
HV	214.37	1.15	COM-HV
TW	215.52	1.37	HV-TW
CAR	216.89	2.19	TW-CAR
MC	219.08	3.05	CAR-MC
CAR	222.13	1.33	MC-CAR
COM	223.46	1.12	CAR-COM
CAR	224.58	2.13	COM-CAR
COM	226.71	3.35	CAR-COM
HV	230.06	1.66	COM-HV
COM	231.72	0.42	HV-COM
MC	232.14	3.09	COM-MC
HV	235.23	5.15	MC-HV
TW	240.38	1.07	HV-TW
CAR	241.45	4.7	TW-CAR
MC	246.15	4.39	CAR-MC
COM	250.54	3.02	MC-COM
HV	253.56	2.63	COM-HV
HV	256.19	4.92	HV-HV
HV	261.11	7.27	HV-HV
MC	268.38	1.49	HV-MC
MC	269.87	2.13	MC-MC
COM	272	4.85	MC-COM
CAR	276.85	0.96	COM-CAR
TW	277.81	2.86	CAR-TW
CAR	280.67	1.1	TW-CAR
CAR	281.77	3.83	CAR-CAR
MC	285.6	3.29	CAR-MC
TW	288.89	4.38	MC-TW
HV	293.27	3.64	TW-HV
MC	296.91	0.89	HV-MC
HV	297.8	2.92	MC-HV
TW	300.72	3.45	HV-TW
MC	304.17	6.78	TW-MC
CAR	310.95	2.43	MC-CAR
HV	313.38	3.57	CAR-HV
MC	316.95	1.96	HV-MC
HV	318.91	5.03	MC-HV
MC	323.94	2.87	HV-MC
MC	326.81	3.65	MC-MC
HV	330.46	5.93	MC-HV
HV	336.39	2.19	HV-HV
COM	338.58	1.59	HV-COM
CAR	340.17	1.53	COM-CAR
HV	341.7	1.38	CAR-HV
CAR	343.08	2.81	HV-CAR
HV	345.89	3.76	CAR-HV
MC	349.65	1.89	HV-MC
HV	351.54	1.27	MC-HV
CAR	352.81	7.72	HV-CAR
MC	360.53	2.35	CAR-MC
CAR	362.88	1.9	MC-CAR
CAR	364.78	1.3	CAR-CAR
TW	366.08	1.89	CAR-TW
HV	367.97	0.51	TW-HV
HV	368.48	2.64	HV-HV
TW	371.12	4.82	HV-TW
COM	375.94	4.16	TW-COM
CAR	380.1	2.02	COM-CAR
TW	382.12	2.83	CAR-TW
COM	384.95	3.27	TW-COM
CAR	388.22	0.86	COM-CAR
CAR	389.08	5.8	CAR-CAR
COM	394.88	3.31	CAR-COM
HV	398.19	6.62	COM-HV
CAR	404.81	3.25	HV-CAR
TW	408.06	3.53	CAR-TW
MC	411.59	1.38	TW-MC
COM	412.97	7.92	MC-COM

MC	TW–MC	3.58	721.43
TW	MC–TW	1.76	725.01
COM	TW–COM	4.44	726.77
CAR	MC–CAR	5.14	437.46
CAR	COM–CAR	3.38	731.21
COM	CAR–COM	3.49	734.59
MC	COM–MC	3.56	738.08
TW	MC–TW	5	741.64
TW	TW–TW	3.81	746.64
HV	TW–HV	0.44	750.45
COM	HV–COM	4.41	750.89
TW	COM–TW	5.51	755.3
CAR	TW–CAR	3.23	760.81
MC	CAR–MC	7.39	764.04
MC	HV–CAR	3.3	781.18
HV	HV–HV	1.75	784.48
CAR	CAR–HV	1.32	779.86
CAR	MC–CAR	3.25	776.61
MC	MC–MC	5.18	771.43
COM	MC–COM	5.6	677.15
MC	TW–MC	4.83	672.32
TW	MC–TW	1.32	671
MC	MC–HV	1.64	669.36
MC	TW–MC	3.58	665.78
TW	HV–TW	3.47	662.31
HV	HV–HV	2.36	659.95
TW	HV–TW	5.72	654.23
HV	TW–HV	3.24	650.99
TW	TW–TW	4.72	646.27
TW	CAR–TW	4.51	641.76
CAR	TW–CAR	5.97	635.79
TW	CAR–TW	3.38	632.41
CAR	TW–CAR	3.99	628.42
TW	TW–TW	4.59	623.83
TW	COM–TW	1.6	622.23
COM	HV–COM	2.52	619.71
HV	CAR–HV	4.84	614.87
CAR	HV–CAR	0.85	614.02
HV	HV–HV	4.1	609.92
HV	MC–HV	8.7	601.22
MC	HV–MC	7.32	593.9
HV	CAR–HV	4.41	589.49
CAR	HV–CAR	2.7	586.79
HV	CAR–HV	2.77	584.02
COM	CAR–COM	2.37	581.65
CAR	TW–CAR	1.31	580.34
TW	MC–TW	2.19	578.15
MC	TW–MC	5.04	573.11
TW	HV–TW	3.59	569.52
HV	MC–HV	1.48	568.04
MC	HV–MC	0.96	567.08
HV	MC–HV	5.48	561.6
MC	TW–MC	3.53	558.16
TW	CAR–TW	1.99	556.08
CAR	HV–CAR	2.99	553.09
HV	TW–HV	3.47	549.62
TW	HV–TW	5.84	543.78
HV	HV–HV	2.05	541.73
CAR	CAR–CAR	1.38	817.45
CAR	CAR–CAR	2.16	818.83
HV	CAR–HV	1.68	820.99
COM	HV–COM	1.92	822.67
MC	COM–MC	4.69	824.59
CAR	MC–CAR	8.03	829.28
TW	CAR–TW	0.93	837.31
CAR	TW–CAR	2.33	838.24
TW	CAR–TW	4.96	840.57
HV	TW–HV	1.05	845.53
TW	HV–TW	4.35	846.58
COM	TW–COM	3.72	850.93
HV	COM–HV	4.09	854.65
MC	HV–MC	1.88	858.74
COM	MC–COM	2.89	860.62
HV	MC–HV	6.08	863.51
MC	HV–MC	2.32	869.59
MC	MC–MC	4.41	871.91
HV	MC–HV	0.48	876.32
TW	HV–TW	0.87	876.8
HV	TW–HV	4.46	877.67
HV	HV–HV	1.08	882.13
HV	HV–HV	3.37	883.21
MC	HV–MC	2.03	886.58
MC	MC–MC	1.74	888.61
HV	MC–HV	2.2	890.35
TW	HV–TW	1.92	892.55
MC	TW–MC	3.94	894.47
MC	MC–MC		898.41
MC	COM–MC	1.61	682.75
MC	MC–MC	1.11	684.36
MC	MC–MC	1.8	685.47
COM	MC–COM	7.77	687.27
HV	COM–HV	2.5	695.04
COM	HV–COM	5.31	697.54
HV	COM–HV	2.93	702.85
CAR	HV–CAR	2.29	705.78
MC	CAR–MC	3.99	708.07
TW	MC–TW	4.49	712.06
CAR	TW–CAR	2.39	716.55
TW	CAR–TW	2.49	718.94
TW	TW–MC	3.58	721.43
TW	COM–TW	1.37	797.13
MC	TW–MC	1.63	798.5
COM	HV–COM	2.68	794.45
HV	TW–HV	4.95	789.5
TW	CAR–TW	2.36	787.14
CAR	HV–CAR	0.91	786.23
HV	HV–HV	1.75	784.48
HV	CAR–HV	3.3	781.18
CAR	CAR–CAR	1.32	779.86
CAR	MC–CAR	3.25	776.61
MC	MC–MC	5.18	771.43
CAR	COM–CAR	1.27	502.31
COM	MC–COM	2.14	500.17
MC	COM–MC	3.47	496.7
COM	CAR–COM	4.6	492.1
CAR	MC–CAR	1.35	490.75
MC	CAR–MC	6.05	484.7
CAR	COM–CAR	1.74	482.96
COM	MC–COM	4.54	478.42
MC	TW–MC	4.5	473.92
TW	CAR–TW	3.1	470.82
CAR	TW–CAR	2.32	468.5
HV	MC–HV	3.94	464.56
MC	COM–MC	3.14	461.42
COM	MC–COM	1.12	460.3
MC	TW–MC	1.21	459.09
TW	CAR–TW	2.42	456.67
CAR	COM–CAR	1.13	455.54
COM	CAR–COM	2.33	453.21
CAR	HV–CAR	1.58	451.63
CAR	HV–CAR	2.58	445.62
HV	CAR–HV	3.43	448.2
MC	CAR–MC	1.37	442.6
HV	COM–HV	1.65	443.97
CAR	MC–CAR	5.14	437.46
COM	CAR–COM	4.44	726.77
TW	MC–TW	1.76	725.01
MC	TW–MC	3.58	721.43
CAR	COM–CAR	3.38	731.21
MC	898.41	MC–MC	
TW	894.47	TW–MC	3.94
TW	892.55	HV–TW	1.92
HV	890.35	MC–HV	2.2
MC	888.61	MC–MC	1.74
MC	888.58	HV–MC	2.03
HV	883.21	HV–HV	3.37
HV	882.13	HV–HV	1.08
HV	877.67	TW–HV	4.46
TW	876.8	HV–TW	0.87
HV	876.32	MC–HV	0.48
MC	871.91	MC–MC	4.41
MC	869.59	HV–MC	2.32
HV	863.51	COM–HV	6.08
COM	860.62	MC–COM	2.89
MC	858.74	HV–MC	1.88
HV	854.65	COM–HV	4.09
COM	850.93	TW–COM	3.72
TW	846.58	HV–TW	4.35
TW	845.53	TW–HV	1.05
TW	840.57	CAR–TW	4.96
CAR	838.24	TW–CAR	2.33
TW	837.31	CAR–TW	0.93
CAR	829.28	MC–CAR	8.03
MC	824.59	COM–MC	4.69
COM	822.67	HV–COM	1.92
HV	820.99	CAR–HV	1.68
CAR	818.83	CAR–CAR	2.16
CAR	817.45	CAR–CAR	1.38
CAR	813.19	MC–CAR	4.26
MC	807.5	CAR–MC	5.69
CAR	801.64	CAR–CAR	5.86
CAR	800.13	MC–CAR	1.51
MC	798.5	TW–MC	1.63
TW	797.13	COM–TW	1.37
COM	794.45	HV–COM	2.68
HV	789.5	TW–HV	4.95
TW	787.14	CAR–TW	2.36
CAR	786.23	HV–CAR	0.91
HV	784.48	HV–HV	1.75
HV	781.18	CAR–HV	3.3
CAR	779.86	CAR–CAR	1.32
CAR	776.61	MC–CAR	3.25
MC	771.43	MC–MC	5.18
COM	764.04	CAR–MC	7.39
CAR	760.81	TW–CAR	3.23
MC	755.3	COM–TW	5.51
TW	750.89	HV–COM	4.41
HV	750.45	TW–HV	0.44
TW	746.64	TW–TW	3.81
TW	741.64	MC–TW	5
MC	738.08	COM–MC	3.56
COM	734.59	CAR–COM	3.49
CAR	731.21	COM–CAR	3.38
CAR	729.77	TW–COM	4.44
TW	725.01	MC–TW	1.76
MC	721.43	TW–MC	3.58
TW	718.94	CAR–TW	2.49
CAR	716.55	TW–CAR	2.39
TW	712.06	MC–TW	4.49
MC	708.07	CAR–MC	3.99
CAR	705.78	HV–CAR	2.29
HV	702.85	COM–HV	2.93
COM	697.54	HV–COM	5.31
HV	695.04	COM–HV	2.5
COM	687.27	MC–COM	7.77
MC	685.47	MC–MC	1.8
MC	684.36	MC–MC	1.11
MC	682.75	COM–MC	1.61
MC	677.15	MC–COM	5.6
MC	672.32	TW–MC	4.83
TW	671	MC–TW	1.32
MC	669.36	MC–MC	1.64
MC	665.78	TW–MC	3.58
TW	662.31	HV–TW	3.47
HV	659.95	TW–HV	2.36
TW	654.23	HV–TW	5.72
HV	650.99	TW–HV	3.24
TW	646.27	TW–TW	4.72
TW	641.76	CAR–TW	4.51
CAR	635.79	TW–CAR	5.97
TW	632.41	CAR–TW	3.38
CAR	628.42	TW–CAR	3.99
TW	623.83	TW–TW	4.59
TW	622.23	COM–TW	1.6
COM	619.71	HV–COM	2.52
HV	614.87	CAR–HV	4.84
CAR	614.02	HV–CAR	0.85
HV	609.92	HV–HV	4.1
HV	601.22	MC–HV	8.7
MC	593.9	HV–MC	7.32
HV	589.49	CAR–HV	4.41
CAR	586.79	HV–CAR	2.7
HV	584.02	CAR–HV	2.77
COM	581.65	CAR–COM	2.37
CAR	580.34	TW–CAR	1.31
TW	578.15	MC–TW	2.19
MC	573.11	TW–MC	5.04
TW	569.52	HV–TW	3.59
HV	568.04	MC–HV	1.48
MC	567.08	HV–MC	0.96
HV	561.6	MC–HV	5.48
MC	558.16	TW–MC	3.53
TW	556.08	CAR–TW	1.99
CAR	553.09	HV–CAR	2.99
HV	549.62	TW–HV	3.47
TW	543.78	HV–TW	5.84
HV	541.73	HV–HV	2.05
CAR	818.83	CAR–CAR	2.16
CAR	817.45	CAR–CAR	1.38
CAR	813.19	MC–CAR	4.26
MC	807.5	CAR–MC	5.69
CAR	801.64	CAR–CAR	5.86
CAR	800.13	MC–CAR	1.51
MC	798.5	TW–MC	1.63
TW	797.13	COM–TW	1.37
COM	794.45	HV–COM	2.68
HV	789.5	TW–HV	4.95
TW	787.14	CAR–TW	2.36
CAR	786.23	HV–CAR	0.91
HV	784.48	HV–HV	1.75
HV	781.18	CAR–HV	3.3
CAR	779.86	CAR–CAR	1.32
CAR	776.61	MC–CAR	3.25
MC	771.43	MC–MC	5.18
COM	764.04	CAR–MC	7.39
CAR	760.81	TW–CAR	3.23
MC	755.3	COM–TW	5.51
TW	750.89	HV–COM	4.41
HV	750.45	TW–HV	0.44
TW	746.64	TW–TW	3.81
TW	741.64	MC–TW	5
MC	738.08	COM–MC	3.56
COM	734.59	CAR–COM	3.49
CAR	731.21	COM–CAR	3.38
CAR	729.77	TW–COM	4.44
TW	725.01	MC–TW	1.76
MC	721.43	TW–MC	3.58
MC	898.41	MC–MC	
TW	894.47	TW–MC	3.94
TW	892.55	HV–TW	1.92
HV	890.35	MC–HV	2.2
MC	888.61	MC–MC	1.74
MC	888.58	HV–MC	2.03
HV	883.21	HV–HV	3.37
HV	882.13	HV–HV	1.08
HV	877.67	TW–HV	4.46
TW	876.8	HV–TW	0.87
HV	876.32	MC–HV	0.48
MC	871.91	MC–MC	4.41
MC	869.59	HV–MC	2.32
HV	863.51	COM–HV	6.08
COM	860.62	MC–COM	2.89
MC	858.74	HV–MC	1.88
HV	854.65	COM–HV	4.09
COM	850.93	TW–COM	3.72
TW	846.58	HV–TW	4.35
TW	845.53	TW–HV	1.05
TW	840.57	CAR–TW	4.96
CAR	838.24	TW–CAR	2.33
TW	837.31	CAR–TW	0.93
CAR	829.28	MC–CAR	8.03
MC	824.59	COM–MC	4.69
COM	822.67	HV–COM	1.92
HV	820.99	CAR–HV	1.68
CAR	818.83	CAR–CAR	2.16
CAR	817.45	CAR–CAR	1.38
CAR	813.19	MC–CAR	4.26
MC	807.5	CAR–MC	5.69
CAR	801.64	CAR–CAR	5.86
CAR	800.13	MC–CAR	1.51
MC	798.5	TW–MC	1.63
TW	797.13	COM–TW	1.37
COM	794.45	HV–COM	2.68
HV	789.5	TW–HV	4.95
TW	787.14	CAR–TW	2.36
CAR	786.23	HV–CAR	0.91
HV	784.48	HV–HV	1.75
HV	781.18	CAR–HV	3.3
CAR	779.86	CAR–CAR	1.32
CAR	776.61	MC–CAR	3.25
MC	771.43	MC–MC	5.18
COM	764.04	CAR–MC	7.39
CAR	760.81	TW–CAR	3.23
MC	755.3	COM–TW	5.51
TW	750.89	HV–COM	4.41
HV	750.45	TW–HV	0.44
TW	746.64	TW–TW	3.81
TW	741.64	MC–TW	5
MC	738.08	COM–MC	3.56
COM	734.59	CAR–COM	3.49
CAR	731.21	COM–CAR	3.38
CAR	729.77	TW–COM	4.44
TW	725.01	MC–TW	1.76
MC	721.43	TW–MC	3.58
CAR	716.72	6.6	COM–CAR
COM	729.95	2.76	CAR–COM
CAR	720.32	3.63	TW–CAR
TW	716.72	3.6	COM–TW
COM	714.01	2.71	TW–COM
TW	708.54	5.47	COM–TW
COM	706.15	2.39	COM–COM
COM	703.07	3.08	COM–COM
COM	699.7	3.37	CAR–COM
CAR	696.97	2.73	CAR–CAR
CAR	694.51	2.46	CAR–CAR
CAR	693.44	1.07	MC–CAR
MC	693.09	0.35	COM–MC
COM	689.17	3.92	MC–COM
MC	684.06	5.11	COM–MC
COM	682.01	2.05	TW–COM
TW	678.25	3.76	TW–TW
MC	675.12	2.01	COM–MC
COM	671.13	3.99	MC–COM
MC	669.81	1.32	HV–MC
HV	668.09	1.72	COM–HV
COM	667.44	0.65	MC–COM
MC	664.39	3.05	HV–MC
HV	662.36	2.03	COM–HV
COM	659.3	3.06	COM–COM
COM	653.67	5.63	HV–COM
HV	652.3	1.37	TW–HV
TW	650.1	2.2	MC–TW
MC	646.91	3.19	HV–MC
HV	642.19	1.77	MC–CAR
MC	634.11	8.08	TW–MC
TW	631.67	2.44	COM–TW
COM	629.99	1.68	MC–COM
MC	626.25	3.74	COM–MC
COM	624.98	1.27	MC–COM
MC	623.36	1.62	TW–MC
TW	616.39	6.97	TW–TW
TW	614.43	1.96	COM–TW
CAR	600.07	1.11	CAR–CAR
TW	595.83	4.24	HV–TW
HV	591.15	4.68	HV–HV
HV	587.46	3.69	COM–HV
COM	582.09	5.37	COM–COM
COM	578.88	3.21	CAR–COM
CAR	576.83	2.05	COM–CAR
COM	575.59	1.24	CAR–COM
CAR	574.39	1.2	HV–CAR
HV	570.91	3.48	TW–HV
TW	569.38	1.53	TW–TW
MC	804.28	8.49	CAR–MC
TW	812.77	0.91	MC–TW
TW	813.68	3.78	TW–TW
COM	817.46	3.46	TW–COM
MC	820.92	1.61	COM–TW
HV	822.53	3.58	TW–HV
TW	826.11	3.55	HV–HV
COM	829.66	2.97	HV–COM
COM	832.63	1.12	COM–COM
CAR	833.75	3.78	COM–CAR
COM	837.53	2.81	CAR–COM
MC	840.34	0.64	COM–MC
CAR	840.98	4.33	MC–CAR
CAR	845.31	5.72	CAR–CAR
MC	851.03	3.64	CAR–MC
HV	854.67	6.78	MC–HV
CAR	861.45	2.81	HV–CAR
TW	864.26	3	CAR–TW
TW	867.26	0.33	TW–TW
TW	867.59	1.92	TW–TW
HV	869.51	1.6	TW–HV
CAR	871.11	2.45	HV–CAR
TW	873.56	2.39	CAR–TW
HV	875.95	1.64	TW–HV
MC	877.59	0.73	HV–MC
CAR	878.32	0.6	MC–CAR
COM	878.92	1.43	CAR–COM
MC	880.35	2	COM–MC
COM	882.35	3.59	MC–COM
TW	885.94	2.33	COM–TW
TW	888.27	4.44	TW–TW
TW	892.71	1.88	TW–TW
MC	894.59	5.05	TW–MC
CAR	899.64	0.36	MC–CAR
HV	900		CAR–HV
MC	467.69	2.81	CAR–MC
COM	470.5	2.5	MC–COM
CAR	473	1.18	COM–CAR
HV	474.18	2.9	CAR–HV
TW	477.08	2.63	HV–TW
MC	479.71	2.66	TW–MC
CAR	482.37	4.21	MC–CAR
MC	486.58	1.1	CAR–MC
TW	487.68	1.12	MC–TW
COM	488.8	1.82	TW–COM
TW	490.62	6.44	COM–TW
CAR	497.06	2.51	TW–CAR
TW	499.57	1.25	CAR–TW
COM	500.82	7.9	TW–COM
MC	508.72	3.7	COM–MC
TW	512.42	1.03	MC–TW
COM	513.45	2.51	TW–COM
HV	514.02	1.9	COM–HV
TW	522.73	1.57	COM–HV
MC	524.3	6.13	HV–MC
HV	530.43	3.17	MC–HV
MC	533.6	3.47	HV–HV
MC	537.07	0.59	HV–MC
MC	537.66	3.79	MC–MC
MC	541.45	3.49	MC–TW
MC	544.94	1.07	TW–MC
MC	546.1	3.67	COM–MC
TW	549.68	1.49	MC–TW
TW	551.17	1.88	TW–TW
TW	553.05	1.46	TW–TW
COM	554.51	1.39	TW–COM
TW	555.9	7.9	COM–TW
CAR	563.8	4.32	TW–CAR
TW	568.12	1.26	CAR–TW
COM	800.43	2.06	CAR–COM
CAR	802.49	1.79	COM–CAR
MC	804.28	8.49	CAR–MC
TW	812.77	0.91	MC–TW
TW	813.68	3.78	TW–TW
COM	817.46	3.46	TW–COM
MC	820.92	1.61	COM–TW
HV	822.53	3.58	TW–HV
TW	826.11	3.55	HV–HV
COM	829.66	2.97	HV–COM
COM	832.63	1.12	COM–COM
CAR	833.75	3.78	COM–CAR
COM	837.53	2.81	CAR–COM
MC	840.34	0.64	COM–MC
CAR	840.98	4.33	MC–CAR
CAR	845.31	5.72	CAR–CAR
MC	851.03	3.64	CAR–MC
HV	854.67	6.78	MC–HV
CAR	861.45	2.81	HV–CAR
TW	864.26	3	CAR–TW
TW	867.26	0.33	TW–TW
TW	867.59	1.92	TW–TW
HV	869.51	1.6	TW–HV
CAR	871.11	2.45	HV–CAR
TW	873.56	2.39	CAR–TW
HV	875.95	1.64	TW–HV
MC	877.59	0.73	HV–MC
CAR	878.32	0.6	MC–CAR
COM	878.92	1.43	CAR–COM
MC	880.35	2	COM–MC
COM	882.35	3.59	MC–COM
TW	885.94	2.33	COM–TW
TW	888.27	4.44	TW–TW
TW	892.71	1.88	TW–TW
MC	894.59	5.05	TW–MC
CAR	899.64	0.36	MC–CAR
HV	900		CAR–HV
MC	433.14	4.32	TW–MC
CAR	437.46	5.14	MC–CAR
COM	442.6	1.37	CAR–MC
HV	443.97	1.65	MC–HV
CAR	445.62	2.58	HV–CAR
HV	448.2	3.43	CAR–HV
CAR	451.63	1.58	HV–CAR
COM	453.21	2.33	CAR–COM
CAR	455.54	1.13	COM–CAR
TW	456.67	2.42	CAR–TW
MC	459.09	1.21	TW–MC
COM	460.3	1.12	MC–COM
MC	461.42	3.14	COM–MC
TW	464.56	3.94	MC–TW
CAR	468.5	2.32	TW–CAR
TW	470.82	3.1	CAR–TW
MC	473.92	4.5	TW–MC
COM	478.42	4.54	MC–COM
CAR	482.96	1.74	COM–CAR
MC	484.7	6.05	CAR–MC
HV	490.75	1.35	MC–CAR
COM	492.1	4.6	CAR–COM
MC	496.7	3.47	COM–MC
CAR	500.17	2.14	MC–COM
CAR	502.31	1.27	COM–CAR
COM	503.58	1.9	CAR–CAR
MC	505.48	2.13	CAR–TW
TW	507.61	3.49	TW–MC
MC	511.1	3.45	MC–COM
MC	514.55	2.52	COM–MC
COM	517.07	1.38	MC–COM
TW	518.45	11.77	COM–TW
CAR	530.22	2.86	TW–CAR
HV	533.08	3.89	CAR–HV
TW	536.97	1.95	HV–TW
HV	538.92	2.81	TW–HV
HV	541.73	2.05	HV–HV
CAR	817.45	1.38	CAR–CAR
CAR	818.83	2.16	CAR–CAR
HV	820.99	1.68	CAR–HV
COM	822.67	1.92	HV–COM
MC	824.59	4.69	COM–MC
CAR	829.28	8.03	MC–CAR
TW	837.31	0.93	CAR–TW
CAR	838.24	2.33	TW–CAR
TW	840.57	4.96	CAR–TW
HV	845.53	1.05	TW–HV
TW	846.58	4.35	HV–TW
COM	850.93	3.72	TW–COM
HV	854.65	4.09	COM–HV
MC	858.74	1.88	HV–MC
COM	860.62	2.89	MC–COM
HV	863.51	6.08	COM–HV
MC	869.59	2.32	HV–MC
MC	871.91	4.41	MC–MC
HV	876.32	0.48	MC–HV
TW	876.8	0.87	HV–TW
HV	877.67	4.46	TW–HV
HV	882.13	1.08	HV–HV
HV	883.21	3.37	HV–HV
MC	886.58	2.03	HV–MC
MC	888.61	1.74	MC–MC
HV	890.35	2.2	MC–HV
TW	892.55	1.92	HV–TW
MC	894.47	3.94	TW–MC
MC	898.41	MC–MC	

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	72
To	Kandy	TW	62
Side	LHS	CAR	57
Lane	Inner	COM	46
Video name	4500	HV	55
Time started	4:30 PM	SUM	292
Time finished	4:45 PM		
Traffic count (15Min)	292	Veh	
Traffic flow rate	1168	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
TW	0	4.67	
CAR	4.67	0.65	TW-CAR
MC	5.32	3.39	CAR-MC
MC	8.71	1.37	MC-MC
TW	10.08	5.04	MC-TW
CAR	15.12	2.68	TW-CAR
COM	17.8	4.4	CAR-COM
CAR	22.2	5.41	COM-CAR
MC	27.61	2.73	CAR-MC
MC	30.34	4.41	MC-MC
COM	34.75	6.65	MC-COM
CAR	41.4	1.57	COM-CAR
TW	42.97	0.61	CAR-TW
COM	43.58	2.86	TW-COM
MC	46.44	2.91	COM-MC
CAR	49.35	5.42	MC-CAR
MC	54.77	1.19	CAR-MC
TW	55.96	1.09	MC-TW
HV	57.05	2.63	TW-HV
HV	59.68	2.86	HV-HV
TW	62.54	1.15	HV-TW
CAR	63.69	5.39	TW-CAR
CAR	69.08	2.94	CAR-CAR
HV	72.02	0.51	CAR-HV
COM	72.53	4.02	HV-COM
HV	76.55	3.24	COM-HV
TW	79.79	0.65	HV-TW
MC	80.44	3.06	TW-MC
COM	83.5	7.98	MC-COM
HV	91.48	6.04	COM-HV
CAR	97.52	5.85	HV-CAR
COM	103.37	1.65	CAR-COM
COM	105.02	5.87	COM-COM
COM	110.89	8.31	COM-COM
COM	119.2	4.47	COM-COM
MC	123.67	3.46	COM-MC
COM	127.13	2.07	MC-COM
CAR	129.2	7.56	COM-CAR
MC	136.76	1.76	CAR-MC
MC	138.52	4.08	MC-MC
COM	142.6	1.82	MC-COM
TW	144.42	3.59	COM-TW
TW	148.01	2.89	TW-TW
TW	150.9	3.43	TW-TW
MC	154.33	1.62	TW-MC
MC	155.95	1.72	MC-MC
COM	157.67	4.45	MC-COM
TW	162.12	10.13	COM-TW
MC	172.25	3	TW-MC
MC	175.25	5.28	MC-MC
MC	180.53	1.17	MC-MC
MC	181.7	3.23	MC-MC
COM	184.93	2.67	MC-COM
MC	187.6	2.19	COM-MC
TW	189.79	2.9	MC-TW
COM	192.69	2.97	TW-COM
HV	195.66	2.41	COM-HV
MC	198.07	4.06	HV-MC
HV	202.13	3.73	MC-HV
HV	205.86	4.78	HV-HV
CAR	210.64	6.51	HV-CAR
HV	217.15	2.72	CAR-HV
CAR	219.87	4.64	HV-CAR
HV	224.51	1.67	CAR-HV
MC	226.18	1.72	HV-MC
COM	227.9	2.81	MC-COM
HV	230.71	1.42	COM-HV
MC	232.13	3.59	HV-MC
CAR	235.72	4.76	MC-CAR
MC	240.48	2.38	CAR-MC
CAR	242.86	3.09	MC-CAR
TW	245.95	1.45	CAR-TW
TW	247.4	1.12	TW-TW
COM	248.52	5.38	TW-COM
CAR	253.9	3.6	COM-CAR
TW	257.5	4.58	CAR-TW
CAR	262.08	1.04	TW-CAR
MC	263.12	2.82	CAR-MC
TW	265.94	2.97	MC-TW
MC	268.91	1.06	TW-MC
MC	269.97	4.71	MC-MC
TW	274.68	4.36	MC-TW
CAR	279.04	2.95	TW-CAR
TW	281.99	0.73	CAR-TW
HV	282.72	4.51	TW-HV
MC	287.23	5.31	HV-MC
HV	292.54	1.09	MC-HV
HV	293.63	1.93	HV-HV
COM	295.56	1.5	HV-COM
MC	297.06	0.93	COM-MC
CAR	297.99	0.91	MC-CAR
HV	298.9	3.66	CAR-HV
MC	302.56	3.1	HV-MC
MC	305.66	2.16	MC-MC
HV	307.82	3.53	MC-HV
COM	311.35	2.27	HV-COM
HV	313.62	2.07	COM-HV
TW	315.69	9.42	HV-TW
HV	325.11	0.86	TW-HV
MC	325.97	2.9	HV-MC
COM	328.87	2.56	MC-COM
TW	331.43	2	COM-TW
TW	333.43	1.19	TW-TW
CAR	334.62	8.98	TW-CAR
MC	343.6	0.95	CAR-MC
CAR	344.55	1.53	MC-CAR
TW	346.08	1.42	CAR-TW
HV	347.5	1.98	TW-HV
HV	349.48	3.99	HV-HV
COM	353.47	1.67	HV-COM
TW	355.14	1.83	COM-TW
TW	356.97	3.77	TW-TW
HV	360.74	4.91	TW-HV
MC	365.65	5.37	HV-MC
MC	371.02	3.71	MC-MC
HV	374.73	1.86	MC-HV
CAR	376.59	1.55	HV-CAR
MC	378.14	1.38	CAR-MC
TW	379.52	0.21	MC-TW
COM	379.73	4.24	TW-COM
CAR	383.97	2.62	COM-CAR
MC	386.59	0.26	CAR-MC
CAR	386.85	2.31	MC-CAR
TW	389.16	6.16	CAR-TW
TW	395.32	2.85	TW-TW
TW	398.17	3.29	TW-TW
COM	401.46	2.51	TW-COM
COM	403.97	2.94	COM-COM
COM	406.91	5.03	COM-COM
TW	411.94	2.15	COM-TW
COM	414.09	1.44	TW-COM
MC	415.53	5.25	COM-MC
COM	420.78	2.06	MC-COM
TW	422.84	3.05	COM-TW
COM	425.89	0.47	TW-COM
CAR	426.36	2.28	COM-CAR
MC	428.64	2.98	CAR-MC
TW	431.62	4.59	MC-TW

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	53
To	Kandy	TW	62
Side	LHS	CAR	61
Lane	Inner	COM	51
Video name	4800	HV	58
Time started	5:15 PM	SUM	285
Time finished	5:30 AM		
Traffic count (15Min)	285	Veh	
Traffic flow rate	1140	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	2.02	
COM	2.02	2.15	COM-COM
TW	4.17	2.91	COM-TW
COM	7.08	1.1	TW-COM
COM	8.18	2.88	COM-COM
CAR	11.06	1.09	COM-CAR
TW	12.15	4.51	CAR-TW
TW	16.66	0.77	TW-TW
CAR	17.43	1.98	TW-CAR
TW	19.41	3.74	CAR-TW
HV	23.15	4.93	TW-HV
COM	28.08	5.06	HV-COM
HV	33.14	3.42	COM-HV
MC	36.56	2.08	HV-MC
TW	38.64	1.82	MC-TW
MC	40.46	2.53	TW-MC
CAR	42.99	3.08	MC-CAR
COM	46.07	1.85	CAR-COM
CAR	47.92	1.68	COM-CAR
HV	49.6	2.01	CAR-HV
TW	51.61	1.47	HV-TW
MC	53.08	2.23	TW-MC
TW	55.31	1.43	MC-TW
COM	56.74	4.67	TW-COM
TW	61.41	5.34	COM-TW
MC	66.75	0.78	TW-MC
HV	67.53	3.45	MC-HV
COM	70.98	1.65	HV-COM
MC	72.63	3.82	COM-MC
COM	76.45	1.54	MC-COM
HV	77.99	3.04	COM-HV
CAR	81.03	1.8	HV-CAR
MC	82.83	4.95	CAR-MC
MC	87.78	2.41	MC-MC
MC	90.19	4.14	MC-MC
HV	94.33	2.13	MC-HV
COM	96.46	3.28	HV-COM
MC	99.74	6.34	COM-MC
TW	106.08	10.25	MC-TW
HV	116.33	1.77	TW-HV
MC	118.1	2.78	HV-MC
TW	120.88	4.49	MC-TW
MC	125.37	1.35	TW-MC
HV	126.72	1.77	MC-HV
MC	128.49	2.2	HV-MC
TW	130.69	3.87	MC-TW
TW	134.56	4.83	TW-TW
MC	139.39	3.74	TW-MC
CAR	143.13	10.32	MC-CAR
TW	153.45	2.55	CAR-TW
MC	156	2.76	TW-MC
MC	158.76	1.22	MC-MC
MC	159.98	3.9	MC-MC
TW	163.88	0.77	MC-TW
TW	164.65	2.03	TW-TW
HV	166.68	0.91	TW-HV
MC	167.59	3.79	HV-MC
HV	171.38	7.88	MC-HV
CAR	179.26	3.05	HV-CAR
CAR	182.31	3.57	CAR-CAR
HV	185.88	3.1	CAR-HV
MC	188.98	3.14	HV-MC
CAR	192.12	4.17	MC-CAR
TW	196.29	5.67	CAR-TW
HV	201.96	4.26	TW-HV
CAR	206.22	0.97	HV-CAR
COM	207.19	2.33	CAR-COM
MC	209.52	2.52	COM-MC
CAR	212.04	2.6	MC-CAR
HV	214.64	2.65	CAR-HV
MC	217.29	1.56	HV-MC
CAR	218.85	2.43	MC-CAR
MC	221.28	2.27	CAR-MC
CAR	223.55	1.11	MC-CAR
TW	224.66	1.55	CAR-TW
HV	226.21	1.84	TW-HV
COM	228.05	4.87	HV-COM
CAR	232.92	1.23	COM-CAR
TW	234.15	1.75	CAR-TW
CAR	235.9	1.89	TW-CAR
MC	237.79	4.07	CAR-MC
MC	241.86	2.95	MC-MC
COM	244.81	3.16	MC-COM
MC	247.97	2.35	COM-MC
CAR	250.32	1.21	MC-CAR
MC	251.53	1.93	CAR-MC
MC	253.46	3.42	MC-MC
COM	256.88	1.59	MC-COM
HV	258.47	2.81	COM-HV
COM	261.28	4.23	HV-COM
HV	265.51	1.45	COM-HV
COM	266.96	4.08	HV-COM
COM	271.04	6.94	COM-COM
MC	277.98	2.28	COM-MC
TW	280.26	2.41	MC-TW
HV	282.67	1.53	TW-HV
HV	284.2	3.61	HV-HV
TW	287.81	3.57	HV-TW
TW	291.38	2.7	TW-TW
HV	294.08	2.4	TW-HV
COM	296.48	3.69	HV-COM
MC	300.17	3.95	COM-MC
TW	304.12	2.41	MC-TW
MC	306.53	3.02	TW-MC
TW	309.55	2.95	MC-TW
HV	312.5	0.52	TW-HV
TW	313.02	2.56	HV-TW
COM	315.58	7.25	TW-COM
COM	322.83	3.9	COM-COM
MC	326.73	1.06	COM-MC
COM	327.79	1.28	MC-COM
HV	329.07	3.22	COM-HV
TW	332.29	4.71	HV-TW
COM	337	1.69	TW-COM
COM	338.69	6.66	COM-COM
HV	345.35	5.57	COM-HV
CAR	350.92	3.69	HV-CAR
HV	354.61	5.72	CAR-HV
TW	360.33	2.09	HV-TW
TW	362.42	7.82	TW-TW
HV	370.24	1.37	TW-HV
HV	371.61	1.85	HV-HV
HV	373.46	4.54	HV-HV
TW	378	1.98	HV-TW
COM	379.98	2.33	TW-COM
HV	382.31	3.33	COM-HV
TW	385.64	6.56	HV-TW
COM	392.2	3.99	TW-COM
MC	396.19	6.47	COM-MC
MC	402.66	1.44	MC-MC
CAR	404.1	2.07	MC-CAR
TW	406.17	2.79	CAR-TW
TW	408.96	2.13	TW-TW
MC	411.09	5.56	TW-MC
TW	416.65	2.15	MC-TW
CAR	418.8	5.94	TW-CAR
CAR	424.74	5.48	CAR-CAR
COM	430.22	2.24	CAR-COM

Road Name	Marine drive Road	Vehicle summary	
From	Dehiwala	MC	57
To	Kollupitiya	TW	37
Side	RHS	CAR	73
Lane	Inner	COM	50
Video name	5100	HV	64
Time started	7:15 AM	SUM	281
Time finished	7:30 AM		
Traffic count (15Min)	281	Veh	
Traffic flow rate	1124	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	0.43	
HV	0.43	4.41	COM-HV
TW	4.84	3.72	HV-TW
MC	8.56	3.07	TW-MC
HV	11.63	1.25	MC-HV
MC	12.88	5.69	HV-MC
MC	18.57	4.4	MC-MC
CAR	22.97	2.99	MC-CAR
MC	25.96	1.52	CAR-MC
TW	27.48	7.22	MC-TW
COM	34.7	1.69	TW-COM
MC	36.39	1.29	COM-MC
HV	37.68	1.34	MC-HV
TW	39.02	0.96	HV-TW
HV	39.98	3.46	TW-HV
HV	43.44	2.71	HV-HV
HV	46.15	1.22	HV-HV
CAR	47.37	1.65	HV-CAR
MC	49.02	1.04	CAR-MC
TW	50.06	3.58	MC-TW
COM	53.64	2.42	TW-COM
CAR	56.06	2.47	COM-CAR
HV	58.53	2.18	CAR-HV
COM	60.71	4.86	HV-COM
MC	65.57	1.38	COM-MC
MC	66.95	1.87	MC-MC
COM	68.82	2.29	MC-COM
HV	71.11	8.71	COM-HV
HV	79.82	1.63	HV-HV
CAR	81.45	1.23	HV-CAR
CAR	82.68	0.93	CAR-CAR
COM	83.61	3.89	CAR-COM
COM	87.5	2.54	COM-COM
CAR	90.04	1.12	COM-CAR
HV	91.16	0.64	CAR-HV
CAR	91.8	2.47	HV-CAR
TW	94.27	4.09	CAR-TW
HV	98.36	0.71	TW-HV
COM	99.07	3.49	HV-COM
CAR	102.56	2.89	COM-CAR
CAR	105.45	3.05	CAR-CAR
HV	108.5	2.85	CAR-HV
MC	111.35	4	HV-MC
CAR	115.35	3.14	MC-CAR
COM	118.49	0.52	CAR-COM
HV	119.01	0.73	COM-HV
MC	119.74	4.88	HV-MC
TW	124.62	1.96	MC-TW
COM	126.58	2.04	TW-COM
TW	128.62	2.17	COM-TW
CAR	130.79	1.64	TW-CAR
COM	132.43	2.58	CAR-COM
HV	135.01	6.41	COM-HV
COM	141.42	5.17	HV-COM
TW	146.59	1.61	COM-TW
CAR	148.2	3.94	TW-CAR
HV	152.14	0.68	CAR-HV
HV	152.82	1.62	HV-HV
CAR	154.44	3.98	HV-CAR
HV	158.42	2.21	CAR-HV
CAR	160.63	3.11	HV-CAR
MC	163.74	2.91	CAR-MC
MC	166.65	3.4	MC-MC
HV	170.05	5.18	MC-HV
COM	175.23	6.36	HV-COM
MC	181.59	4.34	COM-MC
HV	185.93	2.34	MC-HV
CAR	188.27	3.57	HV-CAR
CAR	191.84	2.34	CAR-CAR
COM	194.18	1.41	CAR-COM
MC	195.59	2.33	COM-MC
CAR	197.92	1.46	MC-CAR
COM	199.38	2.82	CAR-COM
COM	202.2	2.35	COM-COM
CAR	204.55	4.72	COM-CAR
MC	209.27	6	CAR-MC
MC	215.27	1.7	MC-MC
HV	216.97	0.79	MC-HV
MC	217.76	0.7	HV-MC
MC	218.46	4.63	MC-MC
CAR	223.09	3.75	MC-CAR
TW	226.84	4.17	CAR-TW
CAR	231.01	1.2	TW-CAR
HV	232.21	2.51	CAR-HV
MC	234.72	4.61	HV-MC
CAR	239.33	5.48	MC-CAR
TW	244.81	4.32	CAR-TW
CAR	249.13	2.05	TW-CAR
COM	251.18	4.07	CAR-COM
TW	255.25	2.49	COM-TW
MC	257.74	2.56	TW-MC
COM	260.3	4.39	MC-COM
COM	264.69	2.36	COM-COM
CAR	267.05	11.82	COM-CAR
MC	278.87	2.87	CAR-MC
TW	281.74	0.92	MC-TW
HV	282.66	1.17	TW-HV
COM	283.83	5.84	HV-COM
TW	289.67	4.38	COM-TW
TW	294.05	3.2	TW-TW
CAR	297.25	2.29	TW-CAR
COM	299.54	0.87	CAR-COM
TW	300.41	4.95	COM-TW
COM	305.36	3.31	TW-COM
CAR	308.67	3.39	COM-CAR
TW	312.06	4.13	CAR-TW
CAR	316.19	2.2	TW-CAR
CAR	318.39	4.58	CAR-CAR
CAR	322.97	4.11	CAR-CAR
CAR	327.08	1	CAR-CAR
MC	328.08	1.21	CAR-MC
HV	329.29	3.24	MC-HV
CAR	332.53	0.9	HV-CAR
MC	333.43	2.5	CAR-MC
HV	335.93	3.51	MC-HV
MC	339.44	5.03	HV-MC
COM	344.47	1.64	MC-COM
COM	346.11	2.3	COM-COM
COM	348.41	1.81	COM-COM
CAR	350.22	0.99	COM-CAR
TW	351.21	1.98	CAR-TW
HV	353.19	5.53	TW-HV
COM	358.72	0.97	HV-COM
CAR	359.69	2.48	COM-CAR
COM	362.17	1.54	CAR-COM
TW	363.71	1.5	COM-TW
MC	365.21	4.55	TW-MC
COM	369.76	1.62	MC-COM
CAR	371.38	5.65	COM-CAR
MC	377.03	2.48	CAR-MC
HV	379.51	2.09	MC-HV
COM	381.6	2.08	HV-COM
TW	383.68	1.57	COM-TW
CAR	385.25	4.74	TW-CAR
CAR	389.99	6.01	CAR-CAR
HV	396	4.6	CAR-HV
MC	400.6	4	HV-MC
CAR	404.6	4.07	MC-CAR

MC	436.21	4.6	TW-MC
CAR	440.81	2.79	MC-CAR
MC	443.6	3.31	CAR-MC
HV	446.91	1.47	MC-HV
TW	448.38	2.34	HV-TW
TW	450.72	3.12	TW-TW
MC	453.84	3.57	TW-MC
MC	457.41	0.53	MC-MC
HV	457.94	1.21	MC-HV
MC	459.15	2.28	HV-MC
TW	461.43	3.81	MC-TW
MC	465.24	0.4	TW-MC
HV	465.64	1.46	MC-HV
MC	467.1	2.5	HV-MC
HV	469.6	2.22	MC-HV
TW	471.82	3.37	HV-TW
MC	475.19	6.98	TW-MC
COM	482.17	2.86	MC-COM
TW	485.03	6.18	COM-TW
TW	491.21	2.57	TW-TW
COM	493.78	1.82	TW-COM
HV	495.6	1.25	COM-HV
CAR	496.85	6.01	HV-CAR
COM	502.86	5.5	CAR-COM
CAR	508.36	3.17	COM-CAR
MC	511.53	1.27	CAR-MC
CAR	512.8	4.38	MC-CAR
CAR	517.18	1.38	CAR-CAR
HV	518.56	3	CAR-HV
TW	521.56	2.05	HV-TW
HV	523.61	3.99	TW-HV
HV	527.6	1.31	HV-HV
HV	528.91	1.28	HV-HV
CAR	530.19	1.98	HV-CAR
CAR	532.17	1.47	CAR-CAR
HV	533.64	2.75	CAR-HV
MC	536.39	4.9	HV-MC
MC	541.29	1.29	MC-MC
TW	542.58	1.1	MC-TW
CAR	543.68	3.18	TW-CAR
COM	546.86	4.63	CAR-COM
MC	551.49	4.33	COM-MC
CAR	555.82	2.76	MC-CAR
HV	558.58	3.8	CAR-HV
CAR	562.38	1.47	HV-CAR
HV	563.85	2.83	CAR-HV
CAR	566.68	2.3	HV-CAR
MC	568.98	1.71	CAR-MC
HV	570.69	6.04	MC-HV
CAR	576.73	0.65	HV-CAR
HV	577.38	5.09	CAR-HV
TW	582.47	2.72	HV-TW
HV	585.19	6.62	TW-HV
MC	591.81	5.57	HV-MC
MC	597.38	4.08	MC-MC
HV	601.46	1.72	MC-HV
TW	603.18	2.55	HV-TW
CAR	605.73	2.27	TW-CAR
TW	608	2.3	CAR-TW
COM	610.3	1.03	TW-COM
CAR	611.33	5.63	COM-CAR
COM	616.96	3.42	CAR-COM
CAR	620.38	1.98	COM-CAR
MC	622.36	7.69	CAR-MC
TW	630.05	1.55	MC-TW
HV	631.6	3.02	TW-HV
TW	634.62	1.46	HV-TW
MC	636.08	3.2	TW-MC
TW	639.28	4.54	MC-TW
HV	643.82	2.36	TW-HV
HV	646.18	3.2	HV-HV
COM	649.38	3.74	HV-COM
HV	653.12	1.25	COM-HV
COM	654.37	2.35	HV-COM
TW	656.72	2.17	COM-TW
MC	658.89	0.43	TW-MC
CAR	659.32	3.82	MC-CAR
CAR	663.14	0.66	CAR-CAR
COM	663.8	4.78	CAR-COM
HV	668.58	2.67	COM-HV
COM	671.25	1.9	HV-COM
TW	673.15	7.04	COM-TW
MC	680.19	0.33	TW-MC
MC	680.52	3.38	MC-MC
TW	683.9	5.72	MC-TW
TW	689.62	4.34	TW-TW
TW	693.96	3.07	TW-TW
MC	697.03	3.42	TW-MC
MC	700.45	5.63	MC-MC
MC	706.08	1.22	MC-MC
MC	707.3	5.08	MC-MC
CAR	712.38	5.29	MC-CAR
TW	717.67	0.96	CAR-TW
CAR	718.63	3.05	TW-CAR
CAR	721.68	2.1	CAR-CAR
CAR	723.78	3.08	CAR-CAR
HV	726.86	1.65	CAR-HV
TW	728.51	2.34	HV-TW
HV	730.85	2.6	TW-HV
COM	733.45	4.6	HV-COM
HV	738.05	3.25	COM-HV
TW	741.3	2.78	HV-TW
MC	744.08	3.71	TW-MC
CAR	747.79	3.22	MC-CAR
COM	751.01	3	CAR-COM
TW	754.01	5.34	COM-TW
MC	759.35	7.96	TW-MC
COM	767.31	3.41	MC-COM
HV	770.72	3.44	COM-HV
CAR	774.16	1.36	HV-CAR
CAR	775.52	1.6	CAR-CAR
HV	777.12	2.35	CAR-HV
TW	779.47	1.62	HV-TW
MC	781.09	3.17	TW-MC
TW	784.26	4.89	MC-TW
CAR	789.15	2.35	TW-CAR
CAR	791.5	3.28	CAR-CAR
CAR	794.78	1.59	CAR-CAR
MC	796.37	0.83	CAR-MC
COM	797.2	3.28	MC-COM
CAR	800.48	0.57	COM-CAR
MC	801.05	1.49	CAR-MC
MC	802.54	0.74	MC-MC
COM	803.28	2.01	MC-COM
MC	805.29	3.44	COM-MC
MC	808.73	3.63	MC-MC
TW	812.36	3.38	MC-TW
HV	815.74	4.38	TW-HV
COM	820.12	5.33	HV-COM
MC	825.45	1.96	COM-MC
HV	827.41	5.2	MC-HV
CAR	832.61	2.35	HV-CAR
CAR	834.96	1.13	CAR-CAR
TW	836.09	0.49	CAR-TW
HV	836.58	3.71	TW-HV
CAR	840.29	3.45	HV-CAR
TW	843.74	0.79	CAR-TW
TW	844.53	5.49	TW-TW
CAR	850.02	4.57	TW-CAR
CAR	854.59	1.08	CAR-CAR
CAR	855.67	0.88	CAR-CAR
HV	856.55	2.83	CAR-HV
HV	859.38	3.17	HV-HV
HV	862.55	1.62	HV-HV
HV	864.17	3.68	HV-HV
COM	867.85	3.29	HV-COM
MC	871.14	4.44	COM-MC
TW	875.58	2.1	MC-TW
COM	877.68	3.43	TW-COM
MC	881.11	2.23	COM-MC
TW	883.34	2.35	MC-TW
COM	885.69	6.09	TW-COM
TW	891.78	3.12	COM-TW
MC	894.9		TW-MC

TW	432.46	1.84	COM-TW
MC	434.3	4.57	TW-MC
MC	438.87	5.75	MC-MC
TW	444.62	3.54	MC-TW
TW	448.16	3.73	TW-TW
TW	451.89	1.87	TW-TW
COM	453.76	2.7	TW-COM
CAR	456.46	0.49	COM-CAR
TW	456.95	3.52	CAR-TW
HV	460.47	4.52	TW-HV
HV	464.99	2.92	HV-HV
CAR	467.91	5.51	HV-CAR
HV	473.42	2.25	CAR-HV
MC	475.67	2.61	HV-MC
TW	478.28	4.81	MC-TW
CAR	483.09	3.05	TW-CAR
TW	486.14	4.93	CAR-TW
HV	491.07	6.62	TW-HV
CAR	497.69	3.36	HV-CAR
COM	501.05	1.36	CAR-COM
COM	502.41	1.93	COM-COM
COM	504.34	3.04	COM-COM
CAR	507.38	6.76	COM-CAR
TW	514.14	8.63	CAR-TW
CAR	522.77	1.99	TW-CAR
HV	524.76	1.45	CAR-HV
HV	526.21	4.53	HV-HV
COM	530.74	1.49	HV-COM
MC	532.23	5.69	COM-MC
CAR	537.92	2.39	MC-CAR
MC	540.31	5.33	CAR-MC
HV	545.64	3.82	MC-HV
COM	549.46	5.38	HV-COM
COM	554.84	1.29	COM-COM
CAR	556.13	5.82	COM-CAR
HV	561.95	5.1	CAR-HV
CAR	567.05	1.81	HV-CAR
HV	568.86	0.44	CAR-HV
TW	569.3	2.2	HV-TW
TW	571.5	5.82	TW-TW
CAR	577.32	2.8	TW-CAR
MC	580.12	2.16	CAR-MC
CAR	582.28	7.61	MC-CAR
CAR	589.89	1	CAR-CAR
COM	590.89	5.05	CAR-COM
TW	595.94	2.29	COM-TW
HV	598.23	3.76	TW-HV
CAR	601.99	1.38	HV-CAR
MC	603.37	4.24	CAR-MC
COM	607.61	1.29	MC-COM
CAR	608.9	1.2	COM-CAR
HV	610.1	2.4	CAR-HV
TW	612.5	3.73	HV-TW
COM	616.23	1.54	TW-COM
MC	617.77	2.18	COM-MC
CAR	619.95	1.74	MC-CAR
MC	621.69	3.76	CAR-MC
HV	625.45	2.77	MC-HV
MC	628.22	1.71	HV-MC
CAR	629.93	4.43	MC-CAR
MC	634.36	2.16	CAR-MC
HV	636.52	0.84	MC-HV
TW	637.36	0.82	HV-TW
COM	638.18	2.56	TW-COM
CAR	640.74	4.37	COM-CAR
HV	645.11	3.39	CAR-HV
TW	648.5	1.53	HV-TW
CAR	650.03	1.86	TW-CAR
TW	651.89	6.34	CAR-TW
CAR	658.23	2.65	TW-CAR
TW	660.88	1.09	CAR-TW
MC	661.97	5.35	TW-MC
HV	667.32	3.53	MC-HV
COM	670.85	2.71	HV-COM
HV	673.56	4	COM-HV
CAR	677.56	5.62	HV-CAR
CAR	683.18	3.56	CAR-CAR
CAR	686.74	6.6	CAR-CAR
MC	693.34	2.28	CAR-MC
COM	695.62	3.85	MC-COM
TW	699.47	2.63	COM-TW
HV	702.1	3.74	TW-HV
TW	705.84	1.81	HV-TW
TW	707.65	1.4	TW-TW
CAR	709.05	1.53	TW-CAR
CAR	710.58	2.54	CAR-CAR
TW	713.12	2.66	CAR-TW
CAR	715.78	0.86	TW-CAR
CAR	716.64	2.3	CAR-CAR
MC	718.94	2.96	CAR-MC
MC	721.9	2.42	MC-MC
CAR	724.32	4.22	MC-CAR
HV	728.54	4.05	CAR-HV
CAR	732.59	3.56	HV-CAR
MC	736.15	5.84	CAR-MC
CAR	741.99	7.41	MC-CAR
HV	749.4	4.14	CAR-HV
CAR	753.54	1.35	HV-CAR
MC	754.89	2.01	CAR-MC
COM	756.9	4.57	MC-COM
COM	761.47	0.7	COM-COM
TW	762.17	0.65	COM-TW
CAR	762.82	1.89	TW-CAR
CAR	764.71	3.22	CAR-CAR
COM	767.93	2.16	CAR-COM
HV	770.09	3.15	COM-HV
TW	773.24	1.99	HV-TW
COM	775.23	2.6	TW-COM
CAR	777.83	0.38	COM-CAR
HV	778.21	2.92	CAR-HV
TW	781.13	2.72	HV-TW
TW	783.85	0.93	TW-TW
CAR	784.78	4.85	TW-CAR
HV	789.63	2.27	CAR-HV
CAR	791.9	4.2	HV-CAR
CAR	796.1	2.25	CAR-CAR
CAR	798.35	2.26	CAR-CAR
HV	800.61	4.1	CAR-HV
MC	804.71	3.43	HV-MC
COM	808.14	4.13	MC-COM
TW	812.27	1.13	COM-TW
MC	813.4	3.2	TW-MC
CAR	816.6	2.06	MC-CAR
TW	818.66	2.19	CAR-TW
HV	820.85	3.19	TW-HV
COM	824.04	3.67	HV-COM
CAR	827.71	1.22	COM-CAR
TW	828.93	1.21	CAR-TW
COM	830.14	6.45	TW-COM
COM	836.59	3.77	COM-COM
COM	840.36	5.72	COM-COM
HV	846.08	2.69	COM-HV
COM	848.77	1.11	HV-COM
TW	849.88	1.88	COM-TW
HV	851.76	5.79	TW-HV
COM	857.55	5.02	HV-COM
TW	862.57	4.71	COM-TW
HV	867.28	5.04	TW-HV
HV	872.32	3.86	HV-HV
CAR	876.18	0.8	HV-CAR
MC	876.98	2.58	CAR-MC
HV	879.56	1.37	MC-HV
TW	880.93	3.21	HV-TW
COM	884.14	3.47	TW-COM
HV	887.61	1.86	COM-HV
HV	889.47	2.47	HV-HV
CAR	891.94		HV-CAR

TW	408.67	4.3	CAR-TW
CAR	412.97	1.89	TW-CAR
CAR	414.86	2.53	CAR-CAR
CAR	417.39	2.87	CAR-CAR
CAR	420.26	3.59	CAR-CAR
HV	423.85	1.53	CAR-HV
COM	425.38	4.33	HV-COM
MC	429.71	4.66	COM-MC
HV	434.37	2.84	MC-HV
CAR	437.21	5.18	HV-CAR
TW	442.39	4.87	CAR-TW
MC	447.26	4.2	TW-MC
CAR	451.46	4.94	MC-CAR
MC	456.4	0.43	CAR-MC
TW	456.83	9.17	MC-TW
MC	466	4.34	TW-MC
HV	470.34	1.85	MC-HV
COM	472.19	2.15	HV-COM
HV	474.34	2.87	COM-HV
TW	477.21	0.96	HV-TW
CAR	478.17	4.06	TW-CAR
MC	482.23	4.61	CAR-MC
TW	486.84	11.51	MC-TW
CAR	498.35	3.61	TW-CAR
CAR	501.96	5.64	CAR-CAR
MC	507.6	1.49	CAR-MC
HV	509.09	0.38	MC-HV
HV	509.47	3.38	HV-HV
CAR	512.85	0.73	HV-CAR
MC	513.58	1.72	CAR-MC
CAR	515.3	6.21	MC-CAR
MC	521.51	1.87	CAR-MC
CAR	523.38	4.7	MC-CAR
CAR	528.08	2.81	CAR-CAR
MC	530.89	5.19	CAR-MC
MC	536.08	3.01	MC-MC
HV	539.09	2.58	MC-HV
MC	541.67	3.83	HV-MC
MC	545.5	1.67	MC-MC
COM	547.17	6.28	MC-COM
COM	553.45	1.95	COM-COM
HV	555.4	2.91	COM-HV
MC	558.31	3.77	HV-MC
MC	562.08	1.3	MC-MC
MC	563.38	3.09	MC-MC
MC	566.47	2.41	MC-MC
CAR	568.88	1.35	MC-CAR
COM	570.23	1.26	CAR-COM
HV	571.49	3.24	COM-HV
TW	574.73	0.77	HV-TW
CAR	575.5	4.19	TW-CAR
CAR	579.69	2.07	CAR-CAR
MC	581.76	4.67	CAR-MC
TW	586.43	3.51	MC-TW
CAR	589.94	3.77	TW-CAR
TW	593.71	2.41	CAR-TW
HV	596.12	6.68	TW-HV
TW	602.8	2.37	HV-TW
CAR	605.17	3.2	TW-CAR
HV	608.37	2.17	CAR-HV
MC	610.54	4.09	HV-MC
CAR	614.63	0.34	MC-CAR
MC	614.97	1.37	CAR-MC
COM	616.34	2.2	MC-COM
TW	618.54	3.55	COM-TW
HV	622.09	4.94	TW-HV
COM	627.03	2.95	HV-COM
CAR	629.98	8.23	COM-CAR
CAR	638.21	2.31	CAR-CAR
COM	640.52	6.08	CAR-COM
COM	646.6	2.17	COM-COM
MC	648.77	4.91	COM-MC
MC	653.68	5.5	MC-MC
HV	659.18	1.25	MC-HV
MC	660.43	3.46	HV-MC
HV	663.89	3.77	MC-HV
HV	667.66	2.69	HV-HV
TW	670.35	2.64	HV-TW
COM	672.99	3.43	TW-COM
COM	676.42	1.22	COM-COM
HV	677.64	2.75	COM-HV
CAR	680.39	3.96	HV-CAR
TW	684.35	4.91	CAR-TW
HV	689.26	1.4	TW-HV
HV	690.66	3.26	HV-HV
CAR	693.92	3.3	HV-CAR
CAR	697.22	2.17	CAR-CAR
HV	699.39	1.38	CAR-HV
MC	700.77	3.81	HV-MC
COM	704.58	3.12	MC-COM
CAR	707.7	6.01	COM-CAR
HV	713.71	1.27	CAR-HV
MC	714.98	0.88	HV-MC
COM	715.86	1.83	MC-COM
CAR	717.69	1.66	COM-CAR
TW	719.35	0.34	CAR-TW
HV	719.69	2.99	TW-HV
COM	722.68	2.36	HV-COM
MC	725.04	6.96	COM-MC
CAR	732	5.19	MC-CAR
TW	737.19	3.83	CAR-TW
HV	741.02	2.43	TW-HV
CAR	743.45	2.5	HV-CAR
HV	745.95	1.3	CAR-HV
CAR	747.25	5.68	HV-CAR
MC	752.93	2.09	CAR-MC
MC	755.02	0.89	MC-MC
HV	755.91	4.62	MC-HV
CAR	760.53	4.54	HV-CAR
HV	765.07	3.38	CAR-HV
CAR	768.45	1.69	HV-CAR
HV	770.14	3.24	CAR-HV
HV	773.38	0.72	HV-HV
HV	774.1	0.99	HV-HV
CAR	775.09	2.14	HV-CAR
HV	777.23	1.56	CAR-HV
COM	778.79	1.96	HV-COM
CAR	780.75	5.42	COM-CAR
HV	786.17	1.93	CAR-HV
TW	788.1	3.24	HV-TW
CAR	791.34	2.18	TW-CAR
COM	793.52	9.5	CAR-COM
TW	803.02	2.75	COM-TW
MC	805.77	6.4	TW-MC
COM	812.17	2.34	MC-COM
CAR	814.51	5.5	COM-CAR
HV	820.01	4.67	CAR-HV
COM	824.68	4.06	HV-COM
CAR	828.74	8.68	COM-CAR
COM	837.42	3.5	CAR-COM
HV	840.92	2.5	COM-HV
HV	843.42	2.45	HV-HV
MC	845.87	6.12	HV-MC
HV	851.99	6.11	MC-HV
COM	858.1	3.11	HV-COM
HV	861.21	4.84	COM-HV
COM	866.05	3.97	HV-COM
CAR	870.02	3.15	COM-CAR
TW	873.17	2.48	CAR-TW
HV	875.65	4	TW-HV
HV	879.65	5.78	HV-HV
MC	885.43	2.47	HV-MC
TW	887.9		MC-TW

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	Marine drive Road	Vehicle summary	
From	Dehiwala	MC	44
To	Kollupitiya	TW	46
Side	RHS	CAR	40
Lane	Inner	COM	37
Video name	5400	HV	47
Time started	7:30 AM	SUM	214
Time finished	7:45 AM		
Traffic count (15Min)	214	Veh	
Traffic flow rate	856	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	6.01	
CAR	6.01	5.66	MC-CAR
MC	11.67	2.85	CAR-MC
TW	14.52	9.97	MC-TW
COM	24.49	2.42	TW-COM
CAR	26.91	6.91	COM-CAR
HV	33.82	2.76	CAR-HV
TW	36.58	1.19	HV-TW
HV	37.77	3.92	TW-HV
COM	41.69	2.21	HV-COM
COM	43.9	4.3	COM-COM
HV	48.2	2.73	COM-HV
TW	50.93	2.34	HV-TW
COM	53.27	4.17	TW-COM
HV	57.44	2.57	COM-HV
COM	60.01	4.04	HV-COM
HV	64.05	2.95	COM-HV
HV	67	5.17	HV-HV
HV	72.17	6.62	HV-HV
HV	78.79	3.78	HV-HV
HV	82.57	7.02	HV-HV
COM	89.59	3.57	HV-COM
TW	93.16	3.36	COM-TW
MC	96.52	3.34	TW-MC
HV	99.86	6.49	MC-HV
MC	106.35	1.22	HV-MC
MC	107.57	3.89	MC-MC
HV	111.46	1.87	MC-HV
TW	113.33	1.01	HV-TW
COM	114.34	9.08	TW-COM
COM	123.42	4.36	COM-COM
COM	127.78	4.64	COM-COM
TW	132.42	6.11	COM-TW
MC	138.53	3.29	TW-MC
MC	141.82	6.55	MC-MC
HV	148.37	2.69	MC-HV
MC	151.06	7.6	HV-MC
COM	158.66	2.26	MC-COM
MC	160.92	2.07	COM-MC
MC	162.99	3.39	MC-MC
MC	166.38	2.26	MC-MC
TW	168.64	3.22	MC-TW
HV	171.86	3.87	TW-HV
MC	175.73	6.72	HV-MC
HV	182.45	5.85	MC-HV
CAR	188.3	2.77	HV-CAR
CAR	191.07	3.15	CAR-CAR
HV	194.22	1.4	CAR-HV
MC	195.62	3.39	HV-MC
HV	199.01	6.8	MC-HV
CAR	205.81	2	HV-CAR
COM	207.81	0.94	CAR-COM
COM	208.75	5.84	COM-COM
HV	214.59	5.42	COM-HV
CAR	220.01	2.48	HV-CAR
HV	222.49	4.54	CAR-HV
COM	227.03	4.76	HV-COM
TW	231.79	3.21	COM-TW
TW	235	14.08	TW-TW
TW	249.08	2.74	TW-TW
COM	251.82	4.4	TW-COM
CAR	256.22	4.13	COM-CAR
HV	260.35	10.98	CAR-HV
COM	271.33	4.8	HV-COM
TW	276.13	1.83	COM-TW
CAR	277.96	3.5	TW-CAR
HV	281.46	5.35	CAR-HV
TW	286.81	2.28	HV-TW
MC	289.09	4.77	TW-MC
HV	293.86	6.34	MC-HV
TW	300.2	2.82	HV-TW
MC	303.02	11.44	TW-MC
HV	314.46	1.62	MC-HV
HV	316.08	5.55	HV-HV
CAR	321.63	10.63	HV-CAR
CAR	332.26	3.36	CAR-CAR
COM	335.62	2.06	CAR-COM
TW	337.68	6.2	COM-TW
TW	343.88	3.47	TW-TW
HV	347.35	7.96	TW-HV
COM	355.31	4.71	HV-COM
CAR	360.02	3.77	COM-CAR
HV	363.79	3	CAR-HV
TW	366.79	8.59	HV-TW
HV	375.38	2.96	TW-HV
HV	378.34	5.36	HV-HV
COM	383.7	1.76	HV-COM
COM	385.46	3.27	COM-COM
TW	388.73	6.03	COM-TW
TW	394.76	3.6	TW-TW
TW	398.36	2.14	TW-TW
CAR	400.5	5.19	TW-CAR
HV	405.69	2.55	CAR-HV
MC	408.24	2.51	HV-MC
MC	410.75	8.81	MC-MC
TW	419.56	2.11	MC-TW
CAR	421.67	7.39	TW-CAR
CAR	429.06	3.44	CAR-CAR
COM	432.5	8.15	CAR-COM
CAR	440.65	3.71	COM-CAR
TW	444.36	4.8	CAR-TW
TW	449.16	5.66	TW-TW
COM	454.82	8.48	TW-COM
CAR	463.3	6.59	COM-CAR
HV	469.89	5.06	CAR-HV
COM	474.95	2.99	HV-COM
HV	477.94	4	COM-HV
MC	481.94	3.36	HV-MC
HV	485.3	6.79	MC-HV
MC	492.09	2.8	HV-MC
TW	494.89	4.58	MC-TW
COM	499.47	2.42	TW-COM
MC	501.89	3.51	COM-MC
MC	505.4	4.96	MC-MC
TW	510.36	3.39	MC-TW
CAR	513.75	6.93	TW-CAR
TW	520.68	2.91	CAR-TW
CAR	523.59	4.31	TW-CAR
MC	527.9	3.96	CAR-MC
CAR	531.86	5.07	MC-CAR
COM	536.93	8.28	CAR-COM
MC	545.21	6.53	COM-MC
HV	551.74	2.91	MC-HV
TW	554.65	3.27	HV-TW
MC	557.92	4.31	TW-MC
CAR	562.23	1.22	MC-CAR
HV	563.45	2.54	CAR-HV
TW	565.99	3.26	HV-TW
COM	569.25	2.1	TW-COM
CAR	571.35	5.06	COM-CAR
HV	576.41	3.66	CAR-HV
TW	580.07	3.75	HV-TW
HV	583.82	6.96	TW-HV
HV	590.78	4.27	HV-HV
MC	595.05	2.92	HV-MC
CAR	597.97	2.44	MC-CAR
MC	600.41	3.08	CAR-MC
CAR	603.49	3.19	MC-CAR

Road Name	Marine drive Road	Vehicle summary	
From	Dehiwala	MC	52
To	Kollupitiya	TW	54
Side	RHS	CAR	63
Lane	Inner	COM	63
Video name	5700	HV	48
Time started	8:30 AM	SUM	280
Time finished	8:45 AM		
Traffic count (15Min)	280	Veh	
Traffic flow rate	1120	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	2.71	
COM	2.71	3.93	CAR-COM
CAR	6.64	4.1	COM-CAR
COM	10.74	1.91	CAR-COM
CAR	12.65	2.22	COM-CAR
COM	14.87	2.93	CAR-COM
HV	17.8	2.59	COM-HV
TW	20.39	1.14	HV-TW
TW	21.53	0.96	TW-TW
COM	22.49	2.41	TW-COM
HV	24.9	2.07	COM-HV
MC	26.97	1.95	HV-MC
MC	28.92	1.18	MC-MC
CAR	30.1	2.85	MC-CAR
TW	32.95	4.49	CAR-TW
MC	37.44	4.11	TW-MC
MC	41.55	0.49	MC-MC
HV	42.04	5.01	MC-HV
HV	47.05	2.73	HV-HV
COM	49.78	2.11	HV-COM
CAR	51.89	2.41	COM-CAR
TW	54.3	4.32	CAR-TW
COM	58.62	6.28	TW-COM
HV	64.9	4.17	COM-HV
TW	69.07	5.73	HV-TW
MC	74.8	4.55	TW-MC
CAR	79.35	0.77	MC-CAR
COM	80.12	2.17	CAR-COM
COM	82.29	1.45	COM-COM
MC	83.74	2.6	COM-MC
CAR	86.34	6.37	MC-CAR
HV	92.71	2.58	CAR-HV
TW	95.29	5.89	HV-TW
CAR	101.18	5.06	TW-CAR
COM	106.24	2.67	CAR-COM
HV	108.91	1.69	COM-HV
HV	110.6	5.94	HV-HV
MC	116.54	3.01	HV-MC
CAR	119.55	3.39	MC-CAR
CAR	122.94	2.65	CAR-CAR
COM	125.59	4.7	CAR-COM
MC	130.29	3.6	COM-MC
HV	133.89	3.35	MC-HV
TW	137.24	2.31	HV-TW
HV	139.55	2.84	TW-HV
HV	142.39	1.36	HV-HV
TW	143.75	3.24	HV-TW
MC	146.99	3.12	TW-MC
TW	150.11	3.96	MC-TW
CAR	154.07	8.25	TW-CAR
HV	162.32	3.55	CAR-HV
TW	165.87	2.42	HV-TW
TW	168.29	4.41	TW-TW
MC	172.7	6.12	TW-MC
TW	178.82	2.97	MC-TW
TW	181.79	7.03	TW-TW
COM	188.82	4.28	TW-COM
MC	193.1	2.29	COM-MC
CAR	195.39	3.47	MC-CAR
TW	198.86	1.11	CAR-TW
TW	199.97	1.33	TW-TW
HV	201.3	4.86	TW-HV
COM	206.16	3.01	HV-COM
MC	209.17	5.02	COM-MC
COM	214.19	3.69	MC-COM
COM	217.88	1.48	COM-COM
COM	219.36	2.43	COM-COM
COM	221.79	3.54	COM-COM
HV	225.33	6.22	COM-HV
MC	231.55	3.27	HV-MC
TW	234.82	5.18	MC-TW
CAR	240	1.54	TW-CAR
TW	241.54	2.81	CAR-TW
CAR	244.35	6.42	TW-CAR
MC	250.77	3.98	CAR-MC
COM	254.75	2.46	MC-COM
COM	257.21	4.43	COM-COM
MC	261.64	5.15	COM-MC
COM	266.79	1.23	MC-COM
HV	268.02	3.06	COM-HV
COM	271.08	4.97	HV-COM
HV	276.05	2.02	COM-HV
CAR	278.07	3.71	HV-CAR
COM	281.78	2.53	CAR-COM
CAR	284.31	1.63	COM-CAR
CAR	285.94	6.29	CAR-CAR
HV	292.23	3.48	CAR-HV
COM	295.71	1.29	HV-COM
COM	297	3.98	COM-COM
COM	300.98	1.54	COM-COM
CAR	302.52	4.49	COM-CAR
HV	307.01	2.97	CAR-HV
CAR	309.98	2.53	HV-CAR
COM	312.51	4.06	CAR-COM
COM	316.57	3.12	COM-COM
TW	319.69	2.57	COM-TW
CAR	322.26	1.03	TW-CAR
CAR	323.29	1.59	CAR-CAR
MC	324.88	2.66	CAR-MC
COM	327.54	2.73	MC-COM
HV	330.27	3.89	COM-HV
CAR	334.16	2.1	HV-CAR
CAR	336.26	1.55	CAR-CAR
COM	337.81	3.3	CAR-COM
HV	341.11	0.87	COM-HV
TW	341.98	2.82	HV-TW
COM	344.8	2.32	TW-COM
CAR	347.12	1.75	COM-CAR
COM	348.87	2.08	CAR-COM
HV	350.95	4.07	COM-HV
CAR	355.02	5.46	HV-CAR
HV	360.48	1.34	CAR-HV
HV	361.82	4.8	HV-HV
TW	366.62	2.33	HV-TW
MC	368.95	2.18	TW-MC
COM	371.13	1.7	MC-COM
MC	372.83	3.58	COM-MC
TW	376.41	5.33	MC-TW
MC	381.74	5.53	TW-MC
COM	387.27	5.34	MC-COM
MC	392.61	3.68	COM-MC
HV	396.29	3.25	MC-HV
TW	399.54	6.24	HV-TW
MC	405.78	10.45	TW-MC
CAR	416.23	4.59	MC-CAR
CAR	420.82	1.9	CAR-CAR
CAR	422.72	2.96	CAR-CAR
TW	425.68	2.45	CAR-TW
MC	428.13	2.67	TW-MC
COM	430.8	1.43	MC-COM
CAR	432.23	1.19	COM-CAR
MC	433.42	2.48	CAR-MC
MC	435.9	2.85	MC-MC
COM	438.75	1.55	MC-COM
HV	440.3	4.07	COM-HV
CAR	444.37	2.67	HV-CAR
TW	447.04	2.18	CAR-TW
COM	449.22	2.23	TW-COM

Road Name	Marine drive Road	Vehicle summary	
From	Dehiwala	MC	51
To	Kollupitiya	TW	74
Side	RHS	CAR	56
Lane	Inner	COM	58
Video name	6000	HV	57
Time started	8:45 AM	SUM	296
Time finished	9:00 AM		
Traffic count (15Min)	296	Veh	
Traffic flow rate	1184	Veh/hr	
		Headway (Sec)	Pairwise
TW	0	4.11	
TW	4.11	3.44	TW-TW
HV	7.55	4.07	TW-HV
HV	11.62	4.17	HV-HV
MC	15.79	3.64	HV-MC
COM	19.43	7.15	MC-COM
HV	26.58	6.31	COM-HV
MC	32.89	2.59	HV-MC
MC	35.48	1.12	MC-MC
TW	36.6	1.82	MC-TW
HV	38.42	4.17	TW-HV
COM	42.59	3.33	HV-COM
CAR	45.92	4.79	COM-CAR
TW	50.71	3.64	CAR-TW
HV	54.35	1.37	TW-HV
TW	55.72	3.77	HV-TW
TW	59.49	2.7	TW-TW
HV	62.19	2.6	TW-HV
TW	64.79	5.19	HV-TW
TW	69.98	4	TW-TW
CAR	73.98	2.06	TW-CAR
MC	76.04	1.88	CAR-MC
CAR	77.92	2.31	MC-CAR
HV	80.23	2.44	CAR-HV
MC	82.67	2.22	HV-MC
COM	84.89	1.49	MC-COM
TW	86.38	3.07	COM-TW
MC	89.45	2.28	TW-MC
COM	91.73	3.46	MC-COM
MC	95.19	2.08	COM-MC
HV	97.27	2.5	MC-HV
MC	99.77	5.92	HV-MC
TW	105.69	3.47	MC-TW
CAR	109.16	2.82	TW-CAR
HV	111.98	2.44	CAR-HV
MC	114.42	0.59	HV-MC
MC	115.01	2.42	MC-MC
COM	117.43	6.77	MC-COM
TW	124.2	3.64	COM-TW
MC	127.84	5.4	TW-MC
MC	133.24	1.79	MC-MC
MC	135.03	3.23	MC-MC
HV	138.26	4.87	MC-HV
TW	143.13	2.78	HV-TW
TW	145.91	3.8	TW-TW
HV	149.71	4.09	TW-HV
CAR	153.8	1.39	HV-CAR
CAR	155.19	2.36	CAR-CAR
HV	157.55	3.71	CAR-HV
HV	161.26	5.76	HV-HV
HV	167.02	3.52	HV-HV
COM	170.54	1.01	HV-COM
HV	171.55	2.55	COM-HV
MC	174.1	1.74	HV-MC
TW	175.84	4.96	MC-TW
TW	180.8	2.99	TW-TW
TW	183.79	3.54	TW-TW
TW	187.33	3.29	TW-TW
TW	190.62	2.75	TW-TW
CAR	193.37	4.2	TW-CAR
CAR	197.57	3.06	CAR-CAR
COM	200.63	3.84	CAR-COM
TW	204.47	2.92	COM-TW
TW	207.39	1.48	TW-TW
COM	208.87	3.57	TW-COM
MC	212.44	1.63	COM-MC
HV	214.07	1.67	MC-HV
HV	215.74	2.11	HV-HV
TW	217.85	3.48	HV-TW
HV	221.33	4.18	TW-HV
TW	225.51	2.69	HV-TW
HV	228.2	3.83	TW-HV
MC	232.03	2.38	HV-MC
MC	234.41	3.7	MC-MC
TW	238.11	4.53	MC-TW
TW	242.64	3.37	TW-TW
MC	246.01	5.64	TW-MC
TW	251.65	1.01	MC-TW
COM	252.66	1.4	TW-COM
CAR	254.06	0.77	COM-CAR
COM	254.83	4.39	CAR-COM
TW	259.22	1.55	COM-TW
MC	260.77	3.79	TW-MC
CAR	264.56	7.01	MC-CAR
TW	271.57	3.77	CAR-TW
TW	275.34	2.1	TW-TW
TW	277.44	2.8	TW-TW
TW	280.24	3.99	TW-TW
MC	284.23	3.98	TW-MC
CAR	288.21	5.1	MC-CAR
CAR	293.31	1.46	CAR-CAR
CAR	294.77	3.12	CAR-CAR
HV	297.89	4.49	CAR-HV
COM	302.38	2.87	HV-COM
COM	305.25	2.39	COM-COM
COM	307.64	0.9	COM-COM
TW	308.54	2.73	COM-TW
HV	311.27	3.62	TW-HV
TW	314.89	5.81	HV-TW
MC	320.7	2.31	TW-MC
CAR	323.01	1.3	MC-CAR
COM	324.31	3.19	CAR-COM
HV	327.5	4.12	COM-HV
HV	331.62	1.86	HV-HV
MC	333.48	8.05	HV-MC
HV	341.53	3.28	MC-HV
TW	344.81	2.31	HV-TW
CAR	347.12	1.91	TW-CAR
COM	349.03	4.18	CAR-COM
TW	353.21	0.98	COM-TW
HV	354.19	0.85	TW-HV
COM	355.04	2.34	HV-COM
MC	357.38	5.8	COM-MC
COM	363.18	1.74	MC-COM
TW	364.92	1.22	COM-TW
HV	366.14	2.88	TW-HV
TW	369.02	2.25	HV-TW
CAR	371.27	1.98	TW-CAR
CAR	373.25	6.24	CAR-CAR
TW	379.49	6.27	CAR-TW
TW	385.76	3.03	TW-TW
MC	388.79	2.39	TW-MC
TW	391.18	5.1	MC-TW
MC	396.28	3.8	TW-MC
COM	400.08	2.17	MC-COM
COM	402.25	1.9	COM-COM
CAR	404.15	1.16	COM-CAR
COM	405.31	3.71	CAR-COM
CAR	409.02	5.42	COM-CAR
TW	414.44	1.75	CAR-TW
TW	416.19	1.16	TW-TW
MC	417.35	0.98	TW-MC
CAR	418.33	5.05	MC-CAR
HV	423.38	1.54	CAR-HV
COM	424.92	1.87	HV-COM
CAR	426.79	6.87	COM-CAR
COM	433.66	2.05	CAR-COM
COM	435.71	3.04	COM-COM

CAR	606.68	5.34	CAR-CAR
CAR	612.02	4.51	CAR-CAR
TW	616.53	5.74	CAR-TW
COM	622.27	4.63	TW-COM
MC	626.9	5.35	COM-MC
MC	632.25	2.64	MC-MC
MC	634.89	2.03	MC-MC
MC	636.92	5.02	MC-MC
MC	641.94	1.74	MC-MC
HV	643.68	5.57	MC-HV
CAR	649.25	2.55	HV-CAR
CAR	651.8	2.23	CAR-CAR
COM	654.03	3.42	CAR-COM
CAR	657.45	6.11	COM-CAR
COM	663.56	1.64	CAR-COM
HV	665.2	4.49	COM-HV
TW	669.69	7.64	HV-TW
CAR	677.33	2.51	TW-CAR
MC	679.84	3.19	CAR-MC
COM	683.03	1.82	MC-COM
CAR	684.85	4.05	COM-CAR
TW	688.9	4.64	CAR-TW
CAR	693.54	7.62	TW-CAR
COM	701.16	3.54	CAR-COM
TW	704.7	2.35	COM-TW
HV	707.05	6.33	TW-HV
MC	713.38	5.45	HV-MC
TW	718.83	2.64	MC-TW
COM	721.47	3.18	TW-COM
CAR	724.65	6.85	COM-CAR
HV	731.5	6.77	CAR-HV
TW	738.27	2.28	HV-TW
HV	740.55	1.53	TW-HV
HV	742.08	1.25	HV-HV
MC	743.33	2.51	HV-MC
TW	745.84	2.27	MC-TW
MC	748.11	4.31	TW-MC
TW	752.42	3.26	MC-TW
TW	755.68	7.22	TW-TW
TW	762.9	4.65	TW-TW
HV	767.55	4.19	TW-HV
CAR	771.74	1.86	HV-CAR
HV	773.6	3	CAR-HV
TW	776.6	5.51	HV-TW
TW	782.11	2.69	TW-TW
MC	784.8	2.42	TW-MC
COM	787.22	2.45	MC-COM
HV	789.67	3.46	COM-HV
TW	793.13	2.81	HV-TW
CAR	795.94	2.13	TW-CAR
CAR	798.07	1.51	CAR-CAR
HV	799.58	6.96	CAR-HV
COM	806.54	5.27	HV-COM
TW	811.81	3.17	COM-TW
MC	814.98	5.69	TW-MC
MC	820.67	5.83	MC-MC
MC	826.5	2.58	MC-MC
TW	829.08	7.84	MC-TW
HV	836.92	2.32	TW-HV
CAR	839.24	2.93	HV-CAR
MC	842.17	1.71	CAR-MC
MC	843.88	3.34	MC-MC
CAR	847.22	9.64	MC-CAR
CAR	856.86	3.79	CAR-CAR
COM	860.65	4.02	CAR-COM
TW	864.67	6.82	COM-TW
COM	871.49	4.88	TW-COM
TW	876.37	3.79	COM-TW
CAR	880.16	2.88	TW-CAR
MC	883.04	1.59	CAR-MC
COM	884.63	1.83	MC-COM
MC	886.46	6.01	COM-MC
CAR	892.47	3.22	MC-CAR
MC	895.69	2.18	CAR-MC
TW	897.87	1.38	MC-TW
COM	899.25		TW-COM

COM	451.45	3.06	COM-COM
CAR	454.51	3.13	COM-CAR
COM	457.64	1.07	CAR-COM
HV	458.71	3.9	COM-HV
MC	462.61	3.74	HV-MC
CAR	466.35	3.26	MC-CAR
TW	469.61	3.15	CAR-TW
HV	472.76	1.39	TW-HV
CAR	474.15	0.94	HV-CAR
COM	475.09	2.84	CAR-COM
MC	477.93	2.88	COM-MC
MC	480.81	3.67	MC-MC
COM	484.48	2.32	MC-COM
MC	486.8	1.78	COM-MC
CAR	488.58	1.47	MC-CAR
HV	490.05	3.3	CAR-HV
MC	493.35	1.87	HV-MC
CAR	495.22	1.03	MC-CAR
MC	496.25	0.53	CAR-MC
HV	496.78	2.79	MC-HV
TW	499.57	0.89	HV-TW
CAR	500.46	3.02	TW-CAR
TW	503.48	5.2	CAR-TW
TW	508.68	3.42	TW-TW
HV	512.1	2.02	TW-HV
TW	514.12	5.03	HV-TW
CAR	519.15	2.48	TW-CAR
CAR	521.63	2.1	CAR-CAR
MC	523.73	1.23	CAR-MC
CAR	524.96	2.19	MC-CAR
CAR	527.15	3	CAR-CAR
COM	530.15	7.07	CAR-COM
CAR	537.22	2.03	COM-CAR
COM	539.25	4.14	CAR-COM
COM	543.39	4.69	COM-COM
TW	548.08	7.61	COM-TW
COM	555.69	3.2	TW-COM
COM	558.89	6.67	COM-COM
CAR	565.56	1.23	COM-CAR
CAR	566.79	4.25	CAR-CAR
HV	571.04	5.29	CAR-HV
TW	576.33	4.35	HV-TW
CAR	580.68	4.63	TW-CAR
COM	585.31	2	CAR-COM
CAR	587.31	4.18	COM-CAR
HV	591.49	5.63	CAR-HV
COM	597.12	2.72	HV-COM
COM	599.84	4.23	COM-COM
HV	604.07	2.21	COM-HV
MC	606.28	1.34	HV-MC
TW	607.62	3.06	MC-TW
TW	610.68	7.88	TW-TW
MC	618.56	6.05	TW-MC
CAR	624.61	2.76	MC-CAR
CAR	627.37	11.71	CAR-CAR
CAR	639.08	3.06	CAR-CAR
COM	642.14	3.88	CAR-COM
MC	646.02	2.65	COM-MC
TW	648.67	3.65	MC-TW
TW	652.32	3.6	TW-TW
MC	655.92	1.87	TW-MC
HV	657.79	2.78	MC-HV
CAR	660.57	1.84	HV-CAR
MC	662.41	2.77	CAR-MC
TW	665.18	3.42	MC-TW
TW	668.6	4.1	TW-TW
COM	672.7	4.49	TW-COM
TW	677.19	3.89	COM-TW
HV	681.08	4.02	TW-HV
COM	685.1	4.62	HV-COM
TW	689.72	2.29	COM-TW
COM	692.01	4.14	TW-COM
COM	696.15	3.37	COM-COM
COM	699.52	1.11	COM-COM
CAR	700.63	2.12	COM-CAR
TW	702.75	2.61	CAR-TW
MC	705.36	3.62	TW-MC
TW	708.98	2.42	MC-TW
HV	711.4	3.62	TW-HV
TW	715.02	5.24	HV-TW
HV	720.26	6.44	TW-HV
COM	726.7	2.3	HV-COM
MC	729	3.39	COM-MC
COM	732.39	2.73	MC-COM
CAR	735.12	3.81	COM-CAR
MC	738.93	0.91	CAR-MC
MC	739.84	2.35	MC-MC
TW	742.19	1.44	MC-TW
COM	743.63	3.21	TW-COM
MC	746.84	1.89	COM-MC
MC	748.73	2.76	MC-MC
MC	751.49	1.16	MC-MC
MC	752.65	0.44	MC-MC
COM	753.09	1.91	MC-COM
CAR	755	1.19	COM-CAR
HV	756.19	3.2	CAR-HV
COM	759.39	1.59	HV-COM
TW	760.98	2.18	COM-TW
TW	763.16	1.69	TW-TW
CAR	764.85	2.17	TW-CAR
TW	767.02	5.62	CAR-TW
TW	772.64	5.82	TW-TW
TW	778.46	3.36	TW-TW
COM	781.82	4.32	TW-COM
TW	786.14	3.06	COM-TW
COM	789.2	9.71	TW-COM
CAR	798.91	0.85	COM-CAR
CAR	799.76	1.7	CAR-CAR
MC	801.46	1.35	CAR-MC
COM	802.81	2.74	MC-COM
CAR	805.55	3.55	COM-CAR
TW	809.1	2.16	CAR-TW
CAR	811.26	2.04	TW-CAR
COM	813.3	2.88	CAR-COM
MC	816.18	6.03	COM-MC
HV	822.21	0.83	MC-HV
TW	823.04	2.82	HV-TW
CAR	825.86	7	TW-CAR
TW	832.86	2.36	CAR-TW
TW	835.22	5.5	TW-TW
CAR	840.72	2.96	TW-CAR
CAR	843.68	4	CAR-CAR
MC	847.68	1.15	CAR-MC
HV	848.83	1.94	MC-HV
MC	850.77	1.47	HV-MC
HV	852.24	3.47	MC-HV
HV	855.71	2.49	HV-HV
TW	858.2	1.68	HV-TW
HV	859.88	4.89	TW-HV
MC	864.77	7.36	HV-MC
MC	872.13	2.37	MC-MC
CAR	874.5	2.47	MC-CAR
HV	876.97	5.49	CAR-HV
HV	882.46	1.06	HV-HV
CAR	883.52	1.03	HV-CAR
CAR	884.55	0.5	CAR-CAR
COM	885.05	1.66	CAR-COM
MC	886.71	1.81	COM-MC
MC	888.52	1.15	MC-MC
HV	889.67	1.32	MC-HV
HV	890.99	3.55	HV-HV
HV	894.54		HV-HV

HV	438.75	6.72	COM-HV
HV	445.47	2.98	HV-HV
TW	448.45	4.34	HV-TW
CAR	452.79	3.56	TW-CAR
CAR	456.35	2.52	CAR-CAR
TW	458.87	2.83	CAR-TW
TW	461.7	2.46	TW-TW
MC	464.16	1.8	TW-MC
CAR	465.96	0.49	MC-CAR
HV	466.45	2.35	CAR-HV
TW	468.8	3.77	HV-TW
CAR	472.57	8.56	TW-CAR
COM	481.13	0.93	CAR-COM
HV	482.06	3.32	COM-HV
TW	485.38	1.93	HV-TW
CAR	487.31	1.57	TW-CAR
CAR	488.88	1.46	CAR-CAR
CAR	490.34	3.05	CAR-CAR
TW	493.39	2.52	CAR-TW
CAR	495.91	1.22	TW-CAR
MC	497.13	4.85	CAR-MC
COM	501.98	1.33	MC-COM
CAR	503.31	0.79	COM-CAR
MC	504.1	4.68	CAR-MC
HV	508.78	3.44	MC-HV
COM	512.22	2.86	HV-COM
CAR	515.08	1.7	COM-CAR
COM	516.78	1.54	CAR-COM
CAR	518.32	2.14	COM-CAR
HV	520.46	5.31	CAR-HV
COM	525.77	1.59	HV-COM
CAR	527.36	7.14	COM-CAR
MC	534.5	6.38	CAR-MC
MC	540.88	6.3	MC-MC
HV	547.18	0.38	MC-HV
TW	547.56	1.61	HV-TW
HV	549.17	1.9	TW-HV
MC	551.07	3.15	HV-MC
TW	554.22	1.64	MC-TW
CAR	555.86	1.51	TW-CAR
CAR	557.37	3.87	CAR-CAR
CAR	561.24	5.61	CAR-CAR
HV	566.85	2.11	CAR-HV
COM	568.96	6.01	HV-COM
MC	574.97	5.44	COM-MC
CAR	580.41	1.87	MC-CAR
MC	582.28	2.9	CAR-MC
TW	585.18	1.15	MC-TW
TW	586.33	3.51	TW-TW
COM	589.84	2.81	TW-COM
CAR	592.65	1.78	COM-CAR
TW	594.43	3.34	CAR-TW
TW	597.77	4.03	TW-TW
HV	601.8	1.69	TW-HV
MC	603.49	3.6	HV-MC
COM	607.09	6.72	MC-COM
COM	613.81	1.37	COM-COM
COM	615.18	5.25	COM-COM
COM	620.43	1.41	COM-COM
COM	621.84	0.28	COM-COM
TW	622.12	2.1	COM-TW
TW	624.22	4.26	TW-TW
TW	628.48	3.71	TW-TW
HV	632.19	2.88	TW-HV
HV	635.07	2.26	HV-HV
COM	637.33	4.71	HV-COM
HV	642.04	7.28	COM-HV
MC	649.32	3.04	HV-MC
COM	652.36	2.4	MC-COM
HV	654.76	2.67	COM-HV
TW	657.43	2.98	HV-TW
MC	660.41	2.85	TW-MC
MC	663.26	2.51	MC-MC
COM	665.77	4.67	MC-COM
TW	670.44	2.09	COM-TW
HV	672.53	0.79	TW-HV
MC	673.32	0.79	HV-MC
COM	674.11	1.2	MC-COM
HV	675.31	2.29	COM-HV
CAR	677.6	2.79	HV-CAR
CAR	680.39	3.39	CAR-CAR
HV	683.78	0.82	CAR-HV
CAR	684.6	4.08	HV-CAR
HV	688.68	3.01	CAR-HV
COM	691.69	3.13	HV-COM
HV	694.82	1.4	COM-HV
CAR	696.22	0.72	HV-CAR
TW	696.94	1.13	CAR-TW
COM	698.07	1.47	TW-COM
HV	699.54	4.41	COM-HV
CAR	703.95	3.6	HV-CAR
TW	707.55	2.33	CAR-TW
TW	709.88	4.41	TW-TW
TW	714.29	1.88	TW-TW
HV	716.17	0.76	TW-HV
MC	716.93	4	HV-MC
MC	720.93	1.42	MC-MC
CAR	722.35	2.22	MC-CAR
HV	724.57	5.57	CAR-HV
CAR	730.14	1.7	HV-CAR
COM	731.84	2.76	CAR-COM
CAR	734.6	4.61	COM-CAR
CAR	739.21	2.82	CAR-CAR
COM	742.03	3.78	CAR-COM
TW	745.81	4.45	COM-TW
HV	750.26	2.46	TW-HV
TW	752.72	2.87	HV-TW
COM	755.59	1.86	TW-COM
COM	757.45	1.47	COM-COM
COM	758.92	0.45	COM-COM
COM	759.37	5.77	COM-COM
CAR	765.14	3.09	COM-CAR
TW	768.23	2.89	CAR-TW
COM	771.12	0.91	TW-COM
MC	772.03	1.92	COM-MC
HV	773.95	2.97	MC-HV
CAR	776.92	3.03	HV-CAR
COM	779.95	4.96	CAR-COM
CAR	784.91	1.53	COM-CAR
CAR	786.44	2.42	CAR-CAR
TW	788.86	1.62	CAR-TW
COM	790.48	8.59	TW-COM
MC	799.07	1.45	COM-MC
MC	800.52	4.9	MC-MC
COM	805.42	3.95	MC-COM
HV	809.37	3.69	COM-HV
CAR	813.06	2.97	HV-CAR
CAR	816.03	0.53	CAR-CAR
COM	816.56	1.96	CAR-COM
MC	818.52	3.74	COM-MC
COM	822.26	5.03	MC-COM
CAR	827.29	3.38	COM-CAR
TW	830.67	2.86	CAR-TW
MC	833.53	2.98	TW-MC
COM	836.51	2.08	MC-COM
HV	838.59	2.19	COM-HV
HV	840.78	4.12	HV-HV
CAR	844.9	3.66	HV-CAR
TW	848.56	4.54	CAR-TW
TW	853.1	3.18	TW-TW
MC	856.28	9.21	TW-MC
TW	865.49	5.1	MC-TW
TW	870.59	2.24	TW-TW
COM	872.83	2.13	TW-COM
HV	874.96	3.68	COM-HV
MC	878.64	1.44	HV-MC
TW	880.08	1.08	MC-TW
MC	881.16	3.72	TW-MC
MC	884.88	1.25	MC-MC
TW	886.13	1.73	MC-TW
COM	887.86	0.82	TW-COM
COM	888.68	2.77	COM-COM
HV	891.45	1.13	COM-HV
HV	892.58	2.9	HV-HV
MC	895.48	0.44	HV-MC
TW	895.92	1.7	MC-TW
CAR	897.62	2.21	TW-CAR
COM	899.83		CAR-COM

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	Marine drive Road	Vehicle summary	
From	Dehiwala	MC	48
To	Kollupitiya	TW	64
Side	RHS	CAR	54
Lane	Inner	COM	65
Video name	6300	HV	47
Time started	12:30 PM	SUM	278
Time finished	12:45 PM		
Traffic count (15Min)	278	Veh	
Traffic flow rate	1112	Veh/hr	
		Headway (Sec)	Pairwise
HV	0	2.89	
COM	2.89	3.25	HV-COM
COM	6.14	5.12	COM-COM
HV	11.26	3.45	COM-HV
HV	14.71	12.28	HV-HV
COM	26.99	2.48	HV-COM
HV	29.47	3.54	COM-HV
CAR	33.01	7.92	HV-CAR
TW	40.93	2.02	CAR-TW
TW	42.95	9.9	TW-TW
TW	52.85	2.15	TW-TW
COM	55	5.05	TW-COM
TW	60.05	7.17	COM-TW
CAR	67.22	2.45	TW-CAR
MC	69.67	0.55	CAR-MC
CAR	70.22	1.26	MC-CAR
CAR	71.48	2.43	CAR-CAR
HV	73.91	2.32	CAR-HV
HV	76.23	1.1	HV-HV
MC	77.33	2.98	HV-MC
TW	80.31	4.04	MC-TW
COM	84.35	1.56	TW-COM
CAR	85.91	1.75	COM-CAR
HV	87.66	2.36	CAR-HV
HV	90.02	3.18	HV-HV
TW	93.2	3.39	HV-TW
COM	96.59	2.52	TW-COM
MC	99.11	0.7	COM-MC
TW	99.81	1.9	MC-TW
COM	101.71	3.18	TW-COM
COM	104.89	4.77	COM-COM
COM	109.66	0.81	COM-COM
MC	110.47	0.65	COM-MC
CAR	111.12	0.94	MC-CAR
CAR	112.06	1.83	CAR-CAR
COM	113.89	4.77	CAR-COM
MC	118.66	2.2	COM-MC
MC	120.86	2.53	MC-MC
HV	123.39	1.92	MC-HV
TW	125.31	4.67	HV-TW
CAR	129.98	2.94	TW-CAR
TW	132.92	3.69	CAR-TW
CAR	136.61	4.06	TW-CAR
CAR	140.67	1.53	CAR-CAR
MC	142.2	2.36	CAR-MC
TW	144.56	1.55	MC-TW
TW	146.11	3.6	TW-TW
MC	149.71	2.87	TW-MC
CAR	152.58	2.14	MC-CAR
COM	154.72	1.61	CAR-COM
TW	156.33	0.64	COM-TW
TW	156.97	3.07	TW-TW
CAR	160.04	6.25	TW-CAR
TW	166.29	6.73	CAR-TW
HV	173.02	1.89	TW-HV
MC	174.91	1.08	HV-MC
COM	175.99	1.85	MC-COM
HV	177.84	5.37	COM-HV
TW	183.21	2.59	HV-TW
CAR	185.8	6.3	TW-CAR
TW	192.1	4.86	CAR-TW
COM	196.96	3.65	TW-COM
HV	200.61	6.45	COM-HV
COM	207.06	3.76	HV-COM
HV	210.82	2.33	COM-HV
TW	213.15	0.51	HV-TW
COM	213.66	3.89	TW-COM
MC	217.55	3.18	COM-MC
HV	220.73	3.34	MC-HV
HV	224.07	4.69	HV-HV
MC	228.76	2.33	HV-MC
MC	231.09	3.06	MC-MC
COM	234.15	1.46	MC-COM
MC	235.61	1.74	COM-MC
COM	237.35	6.39	MC-COM
MC	243.74	3.24	COM-MC
TW	246.98	0.58	MC-TW
HV	247.56	2.23	TW-HV
COM	249.79	3.19	HV-COM
MC	252.98	3.97	COM-MC
COM	256.95	6.26	MC-COM
COM	263.21	3.26	COM-COM
COM	266.47	2.88	COM-COM
TW	269.35	1.61	COM-TW
MC	270.96	3.32	TW-MC
CAR	274.28	5.16	MC-CAR
TW	279.44	5.11	CAR-TW
CAR	284.55	1.38	TW-CAR
TW	285.93	2.93	CAR-TW
HV	288.86	1.59	TW-HV
CAR	290.45	4.16	HV-CAR
CAR	294.61	2.43	CAR-CAR
MC	297.04	2.96	CAR-MC
TW	300	1.71	MC-TW
TW	301.71	2.19	TW-TW
CAR	303.9	0.54	TW-CAR
TW	304.44	5.57	CAR-TW
TW	310.01	3.06	TW-TW
COM	313.07	5.65	TW-COM
CAR	318.72	4.26	COM-CAR
HV	322.98	2.13	CAR-HV
COM	325.11	7.47	HV-COM
TW	332.58	2.31	COM-TW
HV	334.89	2.97	TW-HV
TW	337.86	1.82	HV-TW
TW	339.68	3.81	TW-TW
MC	343.49	5.11	TW-MC
COM	348.6	4.4	MC-COM
COM	353	2.5	COM-COM
TW	355.5	2.15	COM-TW
TW	357.65	3.62	TW-TW
HV	361.27	4.3	TW-HV
MC	365.57	4.43	HV-MC
CAR	370	1.63	MC-CAR
MC	371.63	0.88	CAR-MC
CAR	372.51	4.26	MC-CAR
TW	376.77	4.53	CAR-TW
MC	381.3	2.13	TW-MC
TW	383.43	3.81	MC-TW
COM	387.24	4.25	TW-COM
MC	391.49	1.35	COM-MC
CAR	392.84	4.08	MC-CAR
COM	396.92	5.64	CAR-COM
HV	402.56	3.61	COM-HV
MC	406.17	4.56	HV-MC
TW	410.73	2.82	MC-TW
MC	413.55	3.44	TW-MC
HV	416.99	3.49	MC-HV
TW	420.48	1.3	HV-TW
COM	421.78	3.11	TW-COM
CAR	424.89	3.29	COM-CAR
HV	428.18	2.49	CAR-HV
CAR	430.67	3.58	HV-CAR
MC	434.25	3.06	CAR-MC
MC	437.31	1.65	MC-MC
COM	438.96	8.79	MC-COM
TW	447.75	5.15	COM-TW
HV	452.9	4.84	TW-HV

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	41
To	Dehiwala	TW	44
Side	LHS	CAR	52
Lane	Inner	COM	38
Video name	6600	HV	51
Time started	12:45 PM	SUM	226
Time finished	1:00 PM		
Traffic count (15Min)	226	Veh	
Traffic flow rate	904	Veh/hr	
		Headway (Sec)	Pairwise
TW	0	7.86	
HV	7.86	7.44	TW-HV
MC	15.3	5.22	HV-MC
COM	20.52	1.9	MC-COM
COM	22.42	5.25	COM-COM
CAR	27.67	2.18	COM-CAR
CAR	29.85	2.14	CAR-CAR
HV	31.99	2.45	CAR-HV
CAR	34.44	7.69	HV-CAR
CAR	42.13	2.07	CAR-CAR
CAR	44.2	2.46	CAR-CAR
CAR	46.66	8.75	CAR-CAR
HV	55.41	1.89	CAR-HV
CAR	57.3	3.38	HV-CAR
COM	60.68	3.99	CAR-COM
TW	64.67	3.89	COM-TW
TW	68.56	3.06	TW-TW
HV	71.62	6.99	TW-HV
TW	78.61	7.94	HV-TW
MC	86.55	1.14	TW-MC
CAR	87.69	4.15	MC-CAR
HV	91.84	5.21	CAR-HV
MC	97.05	5.78	HV-MC
HV	102.83	2.71	MC-HV
MC	105.54	3.63	HV-MC
COM	109.17	1.76	MC-COM
CAR	110.93	10.33	COM-CAR
HV	121.26	6.6	CAR-HV
COM	127.86	2.61	HV-COM
CAR	130.47	4.25	COM-CAR
CAR	134.72	1.67	CAR-CAR
HV	136.39	1.75	CAR-HV
CAR	138.14	1.39	HV-CAR
HV	139.53	3.99	CAR-HV
MC	143.52	3.52	HV-MC
CAR	147.04	3.5	MC-CAR
CAR	150.54	3.88	CAR-CAR
COM	154.42	4.85	CAR-COM
HV	159.27	3.64	COM-HV
COM	162.91	2.69	HV-COM
TW	165.6	2.97	COM-TW
COM	168.57	1.26	TW-COM
TW	169.83	7.08	COM-TW
COM	176.91	1.99	TW-COM
HV	178.9	6.68	COM-HV
TW	185.58	3.54	HV-TW
COM	189.12	4.85	TW-COM
HV	193.97	2.92	COM-HV
MC	196.89	5.44	HV-MC
CAR	202.33	4.92	MC-CAR
TW	207.25	2.05	CAR-TW
TW	209.3	1.11	TW-TW
CAR	210.41	2.2	TW-CAR
HV	212.61	4.6	CAR-HV
MC	217.21	4.82	HV-MC
CAR	222.03	2.17	MC-CAR
CAR	224.2	3.98	CAR-CAR
HV	228.18	3.07	CAR-HV
HV	231.25	3.23	HV-HV
COM	234.48	3.88	HV-COM
COM	238.36	6.55	COM-COM
CAR	244.91	2.71	COM-CAR
HV	247.62	5.47	CAR-HV
MC	253.09	10.61	HV-MC
HV	263.7	3	MC-HV
HV	266.7	3.26	HV-HV
MC	269.96	2.94	HV-MC
HV	272.9	2.49	MC-HV
MC	275.39	6.42	HV-MC
MC	281.81	1.54	MC-MC
TW	283.35	1.23	MC-TW
HV	284.58	2.68	TW-HV
COM	287.26	2.49	HV-COM
HV	289.75	3.59	COM-HV
MC	293.34	2.38	HV-MC
MC	295.72	5.44	MC-MC
COM	301.16	4.34	MC-COM
CAR	305.5	3.4	COM-CAR
TW	308.9	3.61	CAR-TW
CAR	312.51	4.91	TW-CAR
TW	317.42	2.16	CAR-TW
HV	319.58	3.46	TW-HV
HV	323.04	9.37	HV-HV
HV	332.41	4.64	HV-HV
HV	337.05	4	HV-HV
MC	341.05	2.34	HV-MC
HV	343.39	6.62	MC-HV
COM	350.01	4.99	HV-COM
COM	355	1.86	COM-COM
TW	356.86	3.79	COM-TW
MC	360.65	3.2	TW-MC
CAR	363.85	2.7	MC-CAR
HV	366.55	2.09	CAR-HV
TW	368.64	4.58	HV-TW
MC	373.22	4.48	TW-MC
COM	377.7	4.68	MC-COM
CAR	382.38	1.13	COM-CAR
TW	383.51	7.27	CAR-TW
TW	390.78	2.58	TW-TW
COM	393.36	5.54	TW-COM
CAR	398.9	6.74	COM-CAR
CAR	405.64	2.06	CAR-CAR
HV	407.7	3.89	CAR-HV
MC	411.59	3.52	HV-MC
CAR	415.11	5.45	MC-CAR
CAR	420.56	1.04	CAR-CAR
TW	421.6	3.04	CAR-TW
TW	424.64	4.62	TW-TW
HV	429.26	3.15	TW-HV
MC	432.41	1.83	HV-MC
TW	434.24	3.14	MC-TW
MC	437.38	4.3	TW-MC
MC	441.68	1.08	MC-MC
TW	442.76	2.96	MC-TW
HV	445.72	4.47	TW-HV
CAR	450.19	1.91	HV-CAR
CAR	452.1	5.76	CAR-CAR
COM	457.86	2.1	CAR-COM
CAR	459.96	2.55	COM-CAR
TW	462.51	1.18	CAR-TW
COM	463.69	3.33	TW-COM
TW	467.02	4.2	COM-TW
HV	471.22	5.31	TW-HV
CAR	476.53	5.09	HV-CAR
HV	481.62	3.62	CAR-HV
TW	485.24	4.29	HV-TW
CAR	489.53	6.51	TW-CAR
MC	496.04	4.29	CAR-MC
MC	500.33	2.28	MC-MC
HV	502.61	3.09	MC-HV
COM	505.7	2.41	HV-COM
COM	508.11	5.96	COM-COM
HV	514.07	5.91	COM-HV
MC	519.98	6.04	HV-MC
TW	526.02	6.1	MC-TW
COM	532.12	2.14	TW-COM
COM	534.26	2	COM-COM
MC	536.26	3.17	COM-MC

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	52
To	Dehiwala	TW	49
Side	LHS	CAR	50
Lane	Inner	COM	61
Video name	6900	HV	64
Time started	1:15 PM	SUM	276
Time finished	1:30 PM		
Traffic count (15Min)	276	Veh	
Traffic flow rate	1104	Veh/hr	
		Headway (Sec)	Pairwise
HV	0	1.15	
HV	1.15	1.58	HV-HV
MC	2.73	2.48	HV-MC
TW	5.21	3.21	MC-TW
COM	8.42	0.75	TW-COM
HV	9.17	6.75	COM-HV
TW	15.92	1.19	HV-TW
MC	17.11	1.27	TW-MC
COM	18.38	0.73	MC-COM
MC	19.11	1.71	COM-MC
HV	20.82	2.59	MC-HV
TW	23.41	3.25	HV-TW
HV	26.66	1.75	TW-HV
CAR	28.41	2.59	HV-CAR
HV	31	2.01	CAR-HV
COM	33.01	4.76	HV-COM
HV	37.77	4.46	COM-HV
COM	42.23	0.85	HV-COM
TW	43.08	1.54	COM-TW
MC	44.62	3.13	TW-MC
MC	47.75	5.41	MC-MC
HV	53.16	4.77	MC-HV
HV	57.93	3.65	HV-HV
COM	61.58	1.55	HV-COM
CAR	63.13	8.33	COM-CAR
MC	71.46	1.99	CAR-MC
COM	73.45	5.88	MC-COM
COM	79.33	0.47	COM-COM
MC	79.8	1.94	COM-MC
MC	81.74	1.76	MC-MC
TW	83.5	1.2	MC-TW
TW	84.7	2.69	TW-TW
HV	87.39	5.21	TW-HV
CAR	92.6	8.16	HV-CAR
COM	100.76	2.22	CAR-COM
COM	102.98	5.75	COM-COM
MC	108.73	3.61	COM-MC
CAR	112.34	5.95	MC-CAR
CAR	118.29	1.3	CAR-CAR
MC	119.59	4.02	CAR-MC
MC	123.61	3.79	MC-MC
CAR	127.4	1.03	MC-CAR
HV	128.43	2.08	CAR-HV
CAR	130.51	0.69	HV-CAR
HV	131.2	1.39	CAR-HV
COM	132.59	3.26	HV-COM
HV	135.85	0.89	COM-HV
CAR	136.74	4.61	HV-CAR
COM	141.35	4.83	CAR-COM
TW	146.18	1.86	COM-TW
MC	148.04	5.38	TW-MC
TW	153.42	1.14	MC-TW
TW	154.56	3	TW-TW
COM	157.56	3.4	TW-COM
MC	160.96	4.32	COM-MC
HV	165.28	1.46	MC-HV
HV	166.74	1.4	HV-HV
TW	168.14	9.3	HV-TW
TW	177.44	0.15	TW-TW
CAR	177.59	0.73	TW-CAR
MC	178.32	4.59	CAR-MC
COM	182.91	1.99	MC-COM
MC	184.9	3.2	COM-MC
TW	188.1	3.29	MC-TW
CAR	191.39	4.84	TW-CAR
TW	196.23	3.48	CAR-TW
TW	199.71	1.92	TW-TW
CAR	201.63	2.61	TW-CAR
MC	204.24	5.17	CAR-MC
MC	209.41	3.43	MC-MC
HV	212.84	1.39	MC-HV
MC	214.23	2.97	HV-MC
TW	217.2	3.32	MC-TW
COM	220.52	2.38	TW-COM
COM	222.9	2.36	COM-COM
HV	225.26	2.27	COM-HV
HV	227.53	7.22	HV-HV
COM	234.75	2.17	HV-COM
MC	236.92	3.99	COM-MC
COM	240.91	4.66	MC-COM
COM	245.57	1	COM-COM
HV	246.57	5.7	COM-HV
CAR	252.27	5.21	HV-CAR
HV	257.48	4.11	CAR-HV
HV	261.59	4.79	HV-HV
TW	266.38	2.72	HV-TW
MC	269.1	4.62	TW-MC
TW	273.72	5.4	MC-TW
CAR	279.12	2.23	TW-CAR
MC	281.35	0.75	CAR-MC
CAR	282.1	1.98	MC-CAR
TW	284.08	5.36	CAR-TW
TW	289.44	4.95	TW-TW
CAR	294.39	0.42	TW-CAR
CAR	294.81	1.34	CAR-CAR
HV	296.15	4.21	CAR-HV
HV	300.36	2.81	HV-HV
MC	303.17	4.1	HV-MC
MC	307.27	4	MC-MC
HV	311.27	5.36	MC-HV
COM	316.63	5.02	HV-COM
COM	321.65	1.14	COM-COM
CAR	322.79	5.56	COM-CAR
MC	328.35	0.46	CAR-MC
HV	328.81	2.94	MC-HV
TW	331.75	2.67	HV-TW
CAR	334.42	2.14	TW-CAR
COM	336.56	5.87	CAR-COM
COM	342.43	2.97	COM-COM
CAR	345.4	5.8	COM-CAR
COM	351.2	0.62	CAR-COM
TW	351.82	2.62	COM-TW
TW	354.44	6.49	TW-TW
COM	360.93	3.94	TW-COM
TW	364.87	4.06	COM-TW
HV	368.93	3.41	TW-HV
COM	372.34	5.49	HV-COM
CAR	377.83	0.9	COM-CAR
MC	378.73	1.27	CAR-MC
MC	380	3.71	MC-MC
HV	383.71	4.27	MC-HV
MC	387.98	1.39	HV-MC
HV	389.37	1.61	MC-HV
MC	390.98	7.79	HV-MC
COM	398.77	2.95	MC-COM
CAR	401.72	2.46	COM-CAR
COM	404.18	2.72	CAR-COM
HV	406.9	4.04	COM-HV
CAR	410.94	3.49	HV-CAR
TW	414.43	2.77	CAR-TW
HV	417.2	2.97	TW-HV
TW	420.17	1.87	HV-TW
TW	422.04	1.89	TW-TW
HV	423.93	0.84	TW-HV
COM	424.77	0.5	HV-COM
COM	425.27	0.97	COM-COM
TW	426.24	3.64	COM-TW
COM	429.88	3.77	TW-COM

TW	457.74	4.66	HV-TW
CAR	462.4	4.37	TW-CAR
CAR	466.77	4.18	CAR-CAR
COM	470.95	4.18	CAR-COM
COM	475.13	2.67	COM-COM
MC	477.8	2.11	COM-MC
HV	479.91	7.41	MC-HV
MC	487.32	1.21	HV-MC
HV	488.53	1.75	MC-HV
MC	490.28	5.12	HV-MC
COM	495.4	1.72	MC-COM
CAR	497.12	6.71	COM-CAR
CAR	503.83	2.91	CAR-CAR
CAR	506.74	1.75	CAR-CAR
MC	508.49	1.3	CAR-MC
CAR	509.79	1.22	MC-CAR
HV	511.01	3.05	CAR-HV
COM	514.06	5	HV-COM
TW	519.06	4.13	COM-TW
HV	523.19	3.02	TW-HV
MC	526.21	2.47	HV-MC
CAR	528.68	1.26	MC-CAR
TW	529.94	1.77	CAR-TW
TW	531.71	2.69	TW-TW
HV	534.4	0.53	TW-HV
TW	534.93	2.56	HV-TW
CAR	537.49	1.97	TW-CAR
COM	539.46	2.16	CAR-COM
HV	541.62	2.08	COM-HV
TW	543.7	2.19	HV-TW
COM	545.89	1.6	TW-COM
HV	547.49	1.09	COM-HV
HV	548.58	4.46	HV-HV
COM	553.04	3.81	HV-COM
COM	556.85	4.44	COM-COM
HV	561.29	7.57	COM-HV
COM	568.86	2.64	HV-COM
COM	571.5	1.32	COM-COM
MC	572.82	3.43	COM-MC
HV	576.25	0.88	MC-HV
TW	577.13	4.16	HV-TW
COM	581.29	3.75	TW-COM
COM	585.04	2.71	COM-COM
TW	587.75	1.15	COM-TW
TW	588.9	3.13	TW-TW
CAR	592.03	4.11	TW-CAR
HV	596.14	1.36	CAR-HV
COM	597.5	3.56	HV-COM
HV	601.06	10.66	COM-HV
MC	611.72	0.91	HV-MC
MC	612.63	4.65	MC-MC
COM	617.28	1.32	MC-COM
COM	618.6	3.33	COM-COM
CAR	621.93	3.79	COM-CAR
CAR	625.72	7.29	CAR-CAR
COM	633.01	1.07	CAR-COM
MC	634.08	1.28	COM-MC
CAR	635.36	1.19	MC-CAR
TW	636.55	2.38	CAR-TW
CAR	638.93	3.1	TW-CAR
COM	642.03	0.73	CAR-COM
CAR	642.76	1.49	COM-CAR
TW	644.25	2.22	CAR-TW
COM	646.47	2.95	TW-COM
COM	649.42	6.02	COM-COM
TW	655.44	1.73	COM-TW
TW	657.17	2.34	TW-TW
HV	659.51	7.97	TW-HV
CAR	667.48	1.34	HV-CAR
HV	668.82	6.13	CAR-HV
CAR	674.95	2.38	HV-CAR
MC	677.33	2.33	CAR-MC
MC	679.66	4.57	MC-MC
TW	684.23	1.47	MC-TW
CAR	685.7	2.49	TW-CAR
CAR	688.19	3.47	CAR-CAR
CAR	691.66	3.61	CAR-CAR
TW	695.27	3.48	CAR-TW
CAR	698.75	3.02	TW-CAR
MC	701.77	2.48	CAR-MC
HV	704.25	4.52	MC-HV
HV	708.77	2.83	HV-HV
HV	711.6	2.74	HV-HV
MC	714.34	2.22	HV-MC
COM	716.56	2.33	MC-COM
COM	718.89	1.76	COM-COM
CAR	720.65	4.08	COM-CAR
CAR	724.73	3.19	CAR-CAR
TW	727.92	5.51	CAR-TW
COM	733.43	0.64	TW-COM
COM	734.07	2.74	COM-COM
TW	736.81	1.05	COM-TW
MC	737.86	2.97	TW-MC
CAR	740.83	3.48	MC-CAR
COM	744.31	2.29	CAR-COM
CAR	746.6	1.63	COM-CAR
CAR	748.23	0.62	CAR-CAR
MC	748.85	4.44	CAR-MC
TW	753.29	1.62	MC-TW
HV	754.91	1.35	TW-HV
COM	756.26	8.4	HV-COM
MC	764.66	2.52	COM-MC
TW	767.18	6.54	MC-TW
CAR	773.72	2.29	TW-CAR
HV	776.01	2.86	CAR-HV
TW	778.87	5.94	HV-TW
COM	784.81	5.55	TW-COM
CAR	790.36	3.4	COM-CAR
TW	793.76	0.94	CAR-TW
TW	794.7	3.76	TW-TW
COM	798.46	0.41	TW-COM
HV	798.87	1.26	COM-HV
HV	800.13	2.07	HV-HV
TW	802.2	6.38	HV-TW
COM	808.58	3.82	TW-COM
COM	812.4	8.46	COM-COM
TW	820.86	1.25	COM-TW
TW	822.11	2.58	TW-TW
HV	824.69	3.62	TW-HV
COM	828.31	4.32	HV-COM
MC	832.63	2.9	COM-MC
CAR	835.53	3.63	MC-CAR
TW	839.16	3.72	CAR-TW
MC	842.88	0.7	TW-MC
MC	843.58	5.27	MC-MC
COM	848.85	2.94	MC-COM
COM	851.79	2.94	COM-COM
TW	854.73	2.11	COM-TW
COM	856.84	3.66	TW-COM
MC	860.5	3.79	COM-MC
TW	864.29	6.34	MC-TW
CAR	870.63	2.03	TW-CAR
MC	872.66	1.22	CAR-MC
COM	873.88	2.19	MC-COM
MC	876.07	4.26	COM-MC
HV	880.33	6.02	MC-HV
TW	886.35	3.35	HV-TW
COM	889.7	4.17	TW-COM
CAR	893.87	4.32	COM-CAR
COM	898.19		CAR-COM

COM	539.43	10.51	MC-COM
CAR	549.94	4.2	COM-CAR
HV	554.14	2.74	CAR-HV
COM	556.88	11.71	HV-COM
MC	568.59	5.29	COM-MC
HV	573.88	2.96	MC-HV
TW	576.84	1.9	HV-TW
HV	578.74	4.32	TW-HV
TW	583.06	2.64	HV-TW
COM	585.7	1.02	TW-COM
TW	586.72	4.87	COM-TW
COM	591.59	2.37	TW-COM
TW	593.96	2	COM-TW
CAR	595.96	5.72	TW-CAR
HV	601.68	3.17	CAR-HV
MC	604.85	1.63	HV-MC
TW	606.48	7.21	MC-TW
HV	613.69	6.49	TW-HV
MC	620.18	3.77	HV-MC
COM	623.95	3.52	MC-COM
TW	627.47	0.95	COM-TW
TW	628.42	3.85	TW-TW
COM	632.27	1.61	TW-COM
HV	633.88	8.14	COM-HV
HV	642.02	5.41	HV-HV
COM	647.43	3.96	HV-COM
CAR	651.39	2.57	COM-CAR
COM	653.96	6.32	CAR-COM
CAR	660.28	2.87	COM-CAR
TW	663.15	4.3	CAR-TW
HV	667.45	5.41	TW-HV
MC	672.86	2.24	HV-MC
MC	675.1	4.72	MC-MC
TW	679.82	2.33	MC-TW
HV	682.15	3.39	TW-HV
TW	685.54	3.3	HV-TW
HV	688.84	2.22	TW-HV
HV	691.06	7.13	HV-HV
CAR	698.19	3.24	HV-CAR
HV	701.43	2.8	CAR-HV
HV	704.23	3.05	HV-HV
MC	707.28	3.39	HV-MC
CAR	710.67	3.16	MC-CAR
TW	713.83	1.24	CAR-TW
MC	715.07	2.39	TW-MC
CAR	717.46	2.74	MC-CAR
CAR	720.2	2.88	CAR-CAR
HV	723.08	2.95	CAR-HV
CAR	726.03	4.13	HV-CAR
MC	730.16	5.35	CAR-MC
TW	735.51	7.68	MC-TW
COM	743.19	4.17	TW-COM
CAR	747.36	3.01	COM-CAR
CAR	750.37	3.77	CAR-CAR
TW	754.14	2.68	CAR-TW
HV	756.82	1.96	TW-HV
CAR	758.78	6.17	HV-CAR
TW	764.95	5.19	CAR-TW
HV	770.14	2.59	TW-HV
TW	772.73	2.71	HV-TW
TW	775.44	5.76	TW-TW
CAR	781.2	3.25	TW-CAR
CAR	784.45	5.21	CAR-CAR
CAR	789.66	1.66	CAR-CAR
MC	791.32	1.56	CAR-MC
MC	792.88	5.93	MC-MC
CAR	798.81	3.17	MC-CAR
MC	801.98	7.25	CAR-MC
TW	809.23	8	MC-TW
CAR	817.23	7.74	TW-CAR
TW	824.97	3.14	CAR-TW
COM	828.11	6.93	TW-COM
COM	835.04	6.2	COM-COM
COM	841.24	8.36	COM-COM
COM	849.6	2.19	COM-COM
TW	851.79	3.98	COM-TW
HV	855.77	3.51	TW-HV
MC	859.28	1.28	HV-MC
MC	860.56	4.29	MC-MC
MC	864.85	2.14	MC-MC
MC	866.99	6.21	MC-MC
CAR	873.2	6.9	MC-CAR
CAR	880.1	6.14	CAR-CAR
MC	886.24	3.33	CAR-MC
CAR	889.57	2.84	MC-CAR
COM	892.41	2.83	CAR-COM
TW	895.24	3.11	COM-TW
MC	898.35		TW-MC

HV	433.65	1.98	COM-HV	
MC	435.63	7.92	HV-MC	
COM	443.55	3.27	MC-COM	
MC	446.82	1.77	COM-MC	
CAR	448.59	1.1	MC-CAR	
CAR	449.69	2.35	CAR-CAR	
TW	452.04	1.83	CAR-TW	
COM	453.87	3.89	TW-COM	
MC	457.76	2.66	COM-MC	
TW	460.42	4.22	MC-TW	
COM	464.64	2.3	TW-COM	
COM	466.94	4.03	COM-COM	
MC	470.97	3.7	COM-MC	
CAR	474.67	3.03	MC-CAR	
MC	477.7	4.91	CAR-MC	
MC	482.61	2.54	MC-MC	
COM	485.15	1.68	MC-COM	
TW	486.83	2.36	COM-TW	
MC	489.19	2.47	TW-MC	
MC	491.66	4.58	MC-MC	
COM	496.24	3.1	MC-COM	
TW	499.34	2.29	COM-TW	
COM	501.63	6.63	TW-COM	
HV	508.26	4.71	COM-HV	
TW	512.97	2.35	HV-TW	
MC	515.32	2.65	TW-MC	
TW	517.97	4.6	MC-TW	
COM	522.57	2.88	TW-COM	
COM	525.45	7.48	COM-COM	
CAR	532.93	1	COM-CAR	
HV	533.93	6.31	CAR-HV	
TW	540.24	1.98	HV-TW	
HV	542.22	5.72	TW-HV	
COM	547.94	2.68	HV-COM	
HV	550.62	4.08	COM-HV	
HV	554.7	2.84	HV-HV	
MC	557.54	3.09	HV-MC	1
CAR	560.63	1.73	MC-CAR	1
HV	562.36	4.4	CAR-HV	1
HV	566.76	3.16	HV-HV	1
HV	569.92	3	HV-HV	1
HV	572.92	1.79	HV-HV	1
CAR	574.71	3.39	HV-CAR	
CAR	578.1	2.99	CAR-CAR	
COM	581.09	1.99	CAR-COM	
MC	583.08	2.86	COM-MC	
MC	585.94	1.73	MC-MC	
HV	587.67	1.7	MC-HV	
COM	589.37	3.41	HV-COM	
TW	592.78	5.01	COM-TW	
MC	597.79	1.45	TW-MC	
CAR	599.24	3.13	MC-CAR	
CAR	602.37	5.21	CAR-CAR	
HV	607.58	2.31	CAR-HV	
CAR	609.89	3.81	HV-CAR	
TW	613.7	1.54	CAR-TW	
COM	615.24	1.55	TW-COM	
COM	616.79	1.09	COM-COM	
CAR	617.88	5.58	COM-CAR	
CAR	623.46	2.55	CAR-CAR	
HV	626.01	6.26	CAR-HV	
TW	632.27	3.56	HV-TW	
HV	635.83	2.58	TW-HV	
MC	638.41	5	HV-MC	
HV	643.41	5.43	MC-HV	
HV	648.84	2.52	HV-HV	
MC	651.36	5.31	HV-MC	
COM	656.67	2.32	MC-COM	
TW	658.99	2.78	COM-TW	
CAR	661.77	3.54	TW-CAR	
COM	665.31	2.32	CAR-COM	
COM	667.63	2.56	COM-COM	
COM	670.19	3.2	COM-COM	
HV	673.39	1.25	COM-HV	
COM	674.64	2.79	HV-COM	
CAR	677.43	1.08	COM-CAR	
HV	678.51	3.33	CAR-HV	
CAR	681.84	1.13	HV-CAR	
COM	682.97	11.21	CAR-COM	
HV	694.18	1.62	COM-HV	
CAR	695.8	1.65	HV-CAR	
MC	697.45	3.62	CAR-MC	
HV	701.07	2.85	MC-HV	
CAR	703.92	2.47	HV-CAR	
MC	706.39	2	CAR-MC	
MC	708.39	5.28	MC-MC	
CAR	713.67	2.28	MC-CAR	
HV	715.95	1.16	CAR-HV	
TW	717.11	2.84	HV-TW	
COM	719.95	5.24	TW-COM	
HV	725.19	7.93	COM-HV	
COM	733.12	1.32	HV-COM	
CAR	734.44	1.49	COM-CAR	
CAR	735.93	3.69	CAR-CAR	
TW	739.62	2	CAR-TW	
CAR	741.62	1.72	TW-CAR	
COM	743.34	3.35	CAR-COM	
HV	746.69	4.17	COM-HV	
COM	750.86	6.97	HV-COM	
CAR	757.83	3.68	COM-CAR	
COM	761.51	3.93	CAR-COM	
TW	765.44	4.56	COM-TW	
HV	770	2.39	TW-HV	
CAR	772.39	4.67	HV-CAR	
CAR	777.06	0.59	CAR-CAR	
TW	777.65	2.67	CAR-TW	
HV	780.32	4.95	TW-HV	
TW	785.27	5.41	HV-TW	
COM	790.68	3.56	TW-COM	
HV	794.24	4.04	COM-HV	
COM	798.28	6.51	HV-COM	
CAR	804.79	1.19	COM-CAR	
MC	805.98	1.92	CAR-MC	
HV	807.9	2.57	MC-HV	
HV	810.47	1.15	HV-HV	
COM	811.62	8.87	HV-COM	
HV	820.49	3.82	COM-HV	
CAR	824.31	2.99	HV-CAR	
MC	827.3	1.58	CAR-MC	
COM	828.88	2.5	MC-COM	
COM	831.38	2.07	COM-COM	
COM	833.45	4.03	COM-COM	
CAR	837.48	8.27	COM-CAR	
HV	845.75	1.16	CAR-HV	
TW	846.91	3.3	HV-TW	
TW	850.21	5.11	TW-TW	
HV	855.32	1.79	TW-HV	
CAR	857.11	1.28	HV-CAR	
TW	858.39	3.14	CAR-TW	
TW	861.53	6.63	TW-TW	
MC	868.16	4.92	TW-MC	
HV	873.08	1.85	MC-HV	
MC	874.93	4.33	HV-MC	
MC	879.26	2.3	MC-MC	
TW	881.56	0.68	MC-TW	
TW	882.24	3.53	TW-TW	
HV	885.77	2.86	TW-HV	
MC	888.63		HV-MC	

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	58
To	Dehiwala	TW	62
Side	LHS	CAR	58
Lane	Inner	COM	57
Video name	7200	HV	59
Time started	4:00 PM	SUM	294
Time finished	4:15 PM		
Traffic count (15Min)	294	Veh	
Traffic flow rate	1176	Veh/hr	
		Headway (Sec)	Pairwise
COM	0	1.58	
CAR	1.58	3.1	COM-CAR
HV	4.68	3.76	CAR-HV
CAR	8.44	1.69	HV-CAR
HV	10.13	0.74	CAR-HV
TW	10.87	1.39	HV-TW
COM	12.26	2.16	TW-COM
CAR	14.42	2.18	COM-CAR
HV	16.6	0.82	CAR-HV
HV	17.42	4.87	HV-HV
COM	22.29	3.33	HV-COM
CAR	25.62	3.79	COM-CAR
CAR	29.41	1.93	CAR-CAR
CAR	31.34	0.51	CAR-CAR
COM	31.85	4.68	CAR-COM
MC	36.53	6.15	COM-MC
HV	42.68	3.87	MC-HV
TW	46.55	3.33	HV-TW
MC	49.88	5.24	TW-MC
CAR	55.12	1.65	MC-CAR
MC	56.77	3.56	CAR-MC
HV	60.33	2.52	MC-HV
TW	62.85	1.27	HV-TW
TW	64.12	1.7	TW-TW
MC	65.82	7.63	TW-MC
HV	73.45	1.44	MC-HV
TW	74.89	2.01	HV-TW
CAR	76.9	2.1	TW-CAR
MC	79	5.18	CAR-MC
COM	84.18	1.66	MC-COM
MC	85.84	4.32	COM-MC
TW	90.16	2.92	MC-TW
MC	93.08	0.94	TW-MC
HV	94.02	3.05	MC-HV
TW	97.07	5.48	HV-TW
MC	102.55	2.03	TW-MC
MC	104.58	0.86	MC-MC
MC	105.44	2.47	MC-MC
HV	107.91	5.79	MC-HV
MC	113.7	3.48	HV-MC
TW	117.18	2.41	MC-TW
TW	119.59	3.91	TW-TW
COM	123.5	1.81	TW-COM
TW	125.31	4.41	COM-TW
TW	129.72	4.54	TW-TW
COM	134.26	2.93	TW-COM
TW	137.19	1.08	COM-TW
HV	138.27	4.26	TW-HV
COM	142.53	3.55	HV-COM
TW	146.08	0.9	COM-TW
MC	146.98	7.75	TW-MC
CAR	154.73	3.52	MC-CAR
MC	158.25	2.42	CAR-MC
CAR	160.67	1.99	MC-CAR
TW	162.66	2.19	CAR-TW
CAR	164.85	2.83	TW-CAR
TW	167.68	2.6	CAR-TW
MC	170.28	2.74	TW-MC
HV	173.02	1.36	MC-HV
TW	174.38	3.99	HV-TW
HV	178.37	2.32	TW-HV
MC	180.69	2.96	HV-MC
TW	183.65	3.65	MC-TW
COM	187.3	2.03	TW-COM
HV	189.33	5.13	COM-HV
COM	194.46	2.29	HV-COM
MC	196.75	4.87	COM-MC
TW	201.62	3.27	MC-TW
TW	204.89	2.02	TW-TW
CAR	206.91	4	TW-CAR
MC	210.91	2.39	CAR-MC
TW	213.3	6.63	MC-TW
CAR	219.93	2.25	TW-CAR
COM	222.18	3.61	CAR-COM
MC	225.79	0.81	COM-MC
MC	226.6	4.79	MC-MC
TW	231.39	2.33	MC-TW
CAR	233.72	3.84	TW-CAR
CAR	237.56	2.53	CAR-CAR
COM	240.09	4.95	CAR-COM
MC	245.04	6.6	COM-MC
HV	251.64	4.7	MC-HV
COM	256.34	1.15	HV-COM
TW	257.49	3.27	COM-TW
MC	260.76	1.96	TW-MC
MC	262.72	3.03	MC-MC
COM	265.75	2.45	MC-COM
COM	268.2	2.41	COM-COM
MC	270.61	3.28	COM-MC
COM	273.89	2.21	MC-COM
MC	276.1	3.88	COM-MC
CAR	279.98	1.55	MC-CAR
CAR	281.53	1.19	CAR-CAR
HV	282.72	4.12	CAR-HV
CAR	286.84	2.17	HV-CAR
MC	289.01	2.62	CAR-MC
CAR	291.63	1.28	MC-CAR
COM	292.91	3.53	CAR-COM
HV	296.44	2.12	COM-HV
CAR	298.56	3.25	HV-CAR
TW	301.81	1.89	CAR-TW
MC	303.7	1.16	TW-MC
CAR	304.86	3.94	MC-CAR
MC	308.8	6.38	CAR-MC
COM	315.18	2.7	MC-COM
COM	317.88	4.23	COM-COM
HV	322.11	3.26	COM-HV
CAR	325.37	3.2	HV-CAR
HV	328.57	1.5	CAR-HV
HV	330.07	1.21	HV-HV
COM	331.28	2.93	HV-COM
COM	334.21	2.64	COM-COM
HV	336.85	4.52	COM-HV
HV	341.37	1.48	HV-HV
COM	342.85	0.64	HV-COM
MC	343.49	6.13	COM-MC
COM	349.62	1.62	MC-COM
COM	351.24	3.05	COM-COM
CAR	354.29	3.64	COM-CAR
HV	357.93	1.12	CAR-HV
CAR	359.05	3.46	HV-CAR
HV	362.51	1.62	CAR-HV
CAR	364.13	3.19	HV-CAR
MC	367.32	2.85	CAR-MC
COM	370.17	11.35	MC-COM
CAR	381.52	6.4	COM-CAR
TW	387.92	1.74	CAR-TW
MC	389.66	2.13	TW-MC
TW	391.79	5.2	MC-TW
MC	396.99	1.84	TW-MC
TW	398.83	1.66	MC-TW
COM	400.49	2.17	TW-COM
HV	402.66	2.12	COM-HV
HV	404.78	2.27	HV-HV
TW	407.05	2.18	HV-TW
HV	409.23	1.86	TW-HV
CAR	411.09	3.92	HV-CAR
CAR	415.01	6.56	CAR-CAR

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	65
To	Dehiwala	TW	55
Side	LHS	CAR	60
Lane	Inner	COM	57
Video name	7500	HV	52
Time started	4:15 PM	SUM	289
Time finished	4:30 AM		
Traffic count (15Min)	289	Veh	
Traffic flow rate	1156	Veh/hr	
		Headway (Sec)	Pairwise
TW	0	4.71	
MC	4.71	5.24	TW-MC
CAR	9.95	4.25	MC-CAR
HV	14.2	0.43	CAR-HV
MC	14.63	2.05	HV-MC
MC	16.68	5.36	MC-MC
MC	22.04	4.04	MC-MC
COM	26.08	1.94	MC-COM
MC	28.02	2.31	COM-MC
HV	30.33	3.23	MC-HV
CAR	33.56	2.56	HV-CAR
HV	36.12	2.44	CAR-HV
COM	38.56	2.98	HV-COM
MC	41.54	1.89	COM-MC
MC	43.43	2.36	MC-MC
CAR	45.79	0.55	MC-CAR
HV	46.34	1.43	CAR-HV
MC	47.77	3.19	HV-MC
COM	50.96	3.3	MC-COM
TW	54.26	5.35	COM-TW
CAR	59.61	1.25	TW-CAR
HV	60.86	3.18	CAR-HV
MC	64.04	1.52	HV-MC
TW	65.56	3.29	MC-TW
MC	68.85	6.09	TW-MC
MC	74.94	2.31	MC-MC
MC	77.25	2.33	MC-MC
COM	79.58	2.79	MC-COM
MC	82.37	0.54	COM-MC
MC	82.91	2.86	MC-MC
TW	85.77	2.25	MC-TW
MC	88.02	3.66	TW-MC
CAR	91.68	3.99	MC-CAR
TW	95.67	2.03	CAR-TW
HV	97.7	5.25	TW-HV
TW	102.95	3.74	HV-TW
MC	106.69	5.78	TW-MC
CAR	112.47	4.24	MC-CAR
MC	116.71	2.85	CAR-MC
HV	119.56	3.63	MC-HV
CAR	123.19	1.65	HV-CAR
HV	124.84	3.76	CAR-HV
TW	128.6	4.32	HV-TW
CAR	132.92	0.9	TW-CAR
TW	133.82	3.27	CAR-TW
COM	137.09	1.19	TW-COM
MC	138.28	1.39	COM-MC
MC	139.67	1.68	MC-MC
TW	141.35	3.26	MC-TW
HV	144.61	2.36	TW-HV
MC	146.97	3.93	HV-MC
HV	150.9	2.95	MC-HV
COM	153.85	3.36	HV-COM
HV	157.21	0.42	COM-HV
HV	157.63	3.91	HV-HV
CAR	161.54	3.01	HV-CAR
HV	164.55	2.8	CAR-HV
TW	167.35	3.08	HV-TW
CAR	170.43	3.72	TW-CAR
COM	174.15	0.41	CAR-COM
HV	174.56	5.45	COM-HV
HV	180.01	1.59	HV-HV
CAR	181.6	1.54	HV-CAR
COM	183.14	2.85	CAR-COM
CAR	185.99	7.98	COM-CAR
CAR	193.97	7.03	CAR-CAR
COM	201	3.95	CAR-COM
MC	204.95	3.04	COM-MC
TW	207.99	2.43	MC-TW
COM	210.42	1.8	TW-COM
CAR	212.22	8.45	COM-CAR
CAR	220.67	6.09	CAR-CAR
COM	226.76	5.9	CAR-COM
CAR	232.66	1.32	COM-CAR
CAR	233.98	6.84	CAR-CAR
MC	240.82	4.8	CAR-MC
CAR	245.62	3.7	MC-CAR
COM	249.32	3.58	CAR-COM
CAR	252.9	2.6	COM-CAR
HV	255.5	2.63	CAR-HV
HV	258.13	6.45	HV-HV
HV	264.58	4.16	HV-HV
MC	268.74	3.04	HV-MC
COM	271.78	2.71	MC-COM
CAR	274.49	4.24	COM-CAR
MC	278.73	2.53	CAR-MC
TW	281.26	2.96	MC-TW
CAR	284.22	4.92	TW-CAR
CAR	289.14	4.84	CAR-CAR
HV	293.98	1.01	CAR-HV
MC	294.99	6.65	HV-MC
COM	301.64	1.91	MC-COM
TW	303.55	5.96	COM-TW
TW	309.51	3.51	TW-TW
TW	313.02	1.7	TW-TW
MC	314.72	1.19	TW-MC
COM	315.91	1.25	MC-COM
MC	317.16	1.47	COM-MC
COM	318.63	2.2	MC-COM
COM	320.83	5.29	COM-COM
COM	326.12	2.09	COM-COM
MC	328.21	2.82	COM-MC
MC	331.03	2.48	MC-MC
TW	333.51	4.85	MC-TW
MC	338.36	4.56	TW-MC
TW	342.92	3.55	MC-TW
MC	346.47	1.7	TW-MC
MC	348.17	2.32	MC-MC
TW	350.49	2.27	MC-TW
MC	352.76	2.7	TW-MC
HV	355.46	4.27	MC-HV
CAR	359.73	2.75	HV-CAR
COM	362.48	3.7	CAR-COM
TW	366.18	4.95	COM-TW
CAR	371.13	2.67	TW-CAR
HV	373.8	5.85	CAR-HV
TW	379.65	4.19	HV-TW
TW	383.84	1.1	TW-TW
TW	384.94	3.55	TW-TW
HV	388.49	3.12	TW-HV
CAR	391.61	4.36	HV-CAR
HV	395.97	1.01	CAR-HV
TW	396.98	1.58	HV-TW
MC	398.56	4.4	TW-MC
MC	402.96	1.08	MC-MC
HV	404.04	6.92	MC-HV
MC	410.96	3.99	HV-MC
TW	414.95	8.35	MC-TW
COM	423.3	6.56	TW-COM
MC	429.86	1.6	COM-MC
COM	431.46	3.98	MC-COM
CAR	435.44	1.44	COM-CAR
HV	436.88	1.48	CAR-HV
HV	438.36	2.54	HV-HV
CAR	440.9	1.42	HV-CAR
COM	442.32	0.63	CAR-COM
TW	442.95	4.09	COM-TW
TW	447.04	1.45	TW-TW

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	65
To	Dehiwala	TW	50
Side	LHS	CAR	58
Lane	Inner	COM	57
Video name	7800	HV	63
Time started	4:30 PM	SUM	293
Time finished	4:45 PM		
Traffic count (15Min)	293	Veh	
Traffic flow rate	1172	Veh/hr	
		Headway (Sec)	Pairwise
TW	0	2.45	
MC	2.45	1.36	TW-MC
MC	3.81	0.86	MC-MC
HV	4.67	1.26	MC-HV
MC	5.93	1.33	HV-MC
COM	7.26	4.39	MC-COM
HV	11.65	6.56	COM-HV
CAR	18.21	3.22	HV-CAR
CAR	21.43	1.44	CAR-CAR
CAR	22.87	1.48	CAR-CAR
COM	24.35	1.96	CAR-COM
CAR	26.31	4.78	COM-CAR
HV	31.09	1.89	CAR-HV
TW	32.98	6.09	HV-TW
CAR	39.07	1.94	TW-CAR
TW	41.01	3.6	CAR-TW
HV	44.61	2.08	TW-HV
CAR	46.69	1.99	HV-CAR
COM	48.68	3	CAR-COM
HV	51.68	4.5	COM-HV
COM	56.18	2.35	HV-COM
CAR	58.53	1.98	COM-CAR
MC	60.51	5.83	CAR-MC
COM	66.34	1.74	MC-COM
MC	68.08	5.48	COM-MC
CAR	73.56	2.69	MC-CAR
CAR	76.25	2.73	CAR-CAR
MC	78.98	2.87	CAR-MC
MC	81.85	1.86	MC-MC
TW	83.71	4.73	MC-TW
MC	88.44	4.36	TW-MC
COM	92.8	3.41	MC-COM
TW	96.21	2.64	COM-TW
COM	98.85	4.1	TW-COM
MC	102.95	5.17	COM-MC
CAR	108.12	3.88	MC-CAR
COM	112	1.74	CAR-COM
HV	113.74	4.93	COM-HV
HV	118.67	6.69	HV-HV
MC	125.36	2.1	HV-MC
COM	127.46	4.28	MC-COM
COM	131.74	1.92	COM-COM
MC	133.66	2.24	COM-MC
MC	135.9	5.89	MC-MC
COM	141.79	2.89	MC-COM
HV	144.68	2.85	COM-HV
CAR	147.53	0.82	HV-CAR
MC	148.35	1.48	CAR-MC
CAR	149.83	3.6	MC-CAR
HV	153.43	1.83	CAR-HV
HV	155.26	3.45	HV-HV
TW	158.71	3.5	HV-TW
MC	162.21	5.63	TW-MC
TW	167.84	1.97	MC-TW
HV	169.81	9.23	TW-HV
CAR	179.04	0.62	HV-CAR
HV	179.66	2.54	CAR-HV
COM	182.2	2.31	HV-COM
CAR	184.51	2.73	COM-CAR
CAR	187.24	2.96	CAR-CAR
MC	190.2	1.49	CAR-MC
HV	191.69	2.55	MC-HV
CAR	194.24	2.47	HV-CAR
COM	196.71	2.49	CAR-COM
CAR	199.2	6.41	COM-CAR
TW	205.61	1.75	CAR-TW
CAR	207.36	1.99	TW-CAR
CAR	209.35	1.98	CAR-CAR
HV	211.33	4.37	CAR-HV
CAR	215.7	4.14	HV-CAR
TW	219.84	3.53	CAR-TW
TW	223.37	2.58	TW-TW
HV	225.95	4.11	TW-HV
HV	230.06	3.31	HV-HV
TW	233.37	3.9	HV-TW
COM	237.27	3.04	TW-COM
COM	240.31	1.53	COM-COM
HV	241.84	1.37	COM-HV
TW	243.21	1.01	HV-TW
HV	244.22	7.54	TW-HV
HV	251.76	7.27	HV-HV
COM	259.03	1.37	HV-COM
CAR	260.4	2	COM-CAR
HV	262.4	1.33	CAR-HV
COM	263.73	1.9	HV-COM
MC	265.63	1.14	COM-MC
TW	266.77	3.83	MC-TW
HV	270.6	1.78	TW-HV
COM	272.38	2.16	HV-COM
CAR	274.54	5.01	COM-CAR
MC	279.55	1.05	CAR-MC
MC	280.6	3.03	MC-MC
TW	283.63	1.19	MC-TW
MC	284.82	3.93	TW-MC
HV	288.75	1.04	MC-HV
COM	289.79	1.57	HV-COM
COM	291.36	3.96	COM-COM
TW	295.32	1.94	COM-TW
HV	297.26	1.06	TW-HV
MC	298.32	1.41	HV-MC
MC	299.73	2.19	MC-MC
MC	301.92	1.15	MC-MC
TW	303.07	2.04	MC-TW
MC	305.11	3.31	TW-MC
COM	308.42	2	MC-COM
MC	310.42	3.88	COM-MC
TW	314.3	1.43	MC-TW
HV	315.73	2.06	TW-HV
CAR	317.79	2.64	HV-CAR
MC	320.43	8.74	CAR-MC
CAR	329.17	4.45	MC-CAR
COM	333.62	1.36	CAR-COM
MC	334.98	3.03	COM-MC
CAR	338.01	0.55	MC-CAR
CAR	338.56	1.82	CAR-CAR
MC	340.38	1.68	CAR-MC
CAR	342.06	3.95	MC-CAR
HV	346.01	1.91	CAR-HV
TW	347.92	5.52	HV-TW
TW	353.44	3.06	TW-TW
COM	356.5	3.4	TW-COM
COM	359.9	2.07	COM-COM
HV	361.97	1.51	COM-HV
MC	363.48	2.8	HV-MC
TW	366.28	6.19	MC-TW
HV	372.47	1.73	TW-HV
HV	374.2	3.09	HV-HV
COM	377.29	2.2	HV-COM
HV	379.49	3.95	COM-HV
HV	383.44	3.83	HV-HV
MC	387.27	1.33	HV-MC
COM	388.6	3.18	MC-COM
HV	391.78	0.98	COM-HV
MC	392.76	3.8	HV-MC
HV	396.56	3.41	MC-HV
TW	399.97	2.29	HV-TW
CAR	402.26	1.87	TW-CAR
MC	404.13	2.91	CAR-MC

HV	421.57	2.31	CAR-HV
MC	423.88	3.34	HV-MC
MC	427.22	1.26	MC-MC
CAR	428.48	2.58	MC-CAR
CAR	431.06	2.67	CAR-CAR
HV	433.73	0.98	CAR-HV
HV	434.71	4.22	HV-HV
TW	438.93	4.29	HV-TW
COM	443.22	1.99	TW-COM
COM	445.21	2.14	COM-COM
MC	447.35	1.33	COM-MC
CAR	448.68	4.74	MC-CAR
CAR	453.42	1.15	CAR-CAR
HV	454.57	3.61	CAR-HV
TW	458.18	4.41	HV-TW
CAR	462.59	7.03	TW-CAR
MC	469.62	6.67	CAR-MC
TW	476.29	4.36	MC-TW
COM	480.65	1.27	TW-COM
HV	481.92	4.41	COM-HV
HV	486.33	4.98	HV-HV
MC	491.31	2.5	HV-MC
COM	493.81	2.36	MC-COM
HV	496.17	1.86	COM-HV
COM	498.03	7.9	HV-COM
COM	505.93	2.96	COM-COM
MC	508.89	3.43	COM-MC
COM	512.32	3.35	MC-COM
TW	515.67	3.73	COM-TW
TW	519.4	2.67	TW-TW
CAR	522.07	4.01	TW-CAR
HV	526.08	1.19	CAR-HV
CAR	527.27	3.27	HV-CAR
HV	530.54	3.03	CAR-HV
CAR	533.57	3.35	HV-CAR
MC	536.92	1.42	CAR-MC
TW	538.34	4.57	MC-TW
HV	542.91	1.43	TW-HV
TW	544.34	1.44	HV-TW
HV	545.78	6.02	TW-HV
MC	551.8	0.2	HV-MC
HV	552	2.95	MC-HV
CAR	554.95	1.63	HV-CAR
CAR	556.58	2.64	CAR-CAR
TW	559.22	6.01	CAR-TW
MC	565.23	6.44	TW-MC
MC	571.67	2.4	MC-MC
COM	574.07	1.41	MC-COM
TW	575.48	7.07	COM-TW
TW	582.55	1.48	TW-TW
COM	584.03	3.28	TW-COM
MC	587.31	1.74	COM-MC
CAR	589.05	5.34	MC-CAR
COM	594.39	2.07	CAR-COM
MC	596.46	5.55	COM-MC
HV	602.01	0.36	MC-HV
COM	602.37	3.19	HV-COM
TW	605.56	6.67	COM-TW
CAR	612.23	6.76	TW-CAR
COM	618.99	4.89	CAR-COM
HV	623.88	2.32	COM-HV
MC	626.2	2.7	HV-MC
HV	628.9	1.58	MC-HV
TW	630.48	2.1	HV-TW
TW	632.58	4.13	TW-TW
TW	636.71	3.5	TW-TW
TW	640.21	1.63	TW-TW
MC	641.84	1.36	TW-MC
COM	643.2	1.04	MC-COM
COM	644.24	3.37	COM-COM
HV	647.61	3.82	COM-HV
HV	651.43	2.12	HV-HV
HV	653.55	0.8	HV-HV
CAR	654.35	3.07	HV-CAR
HV	657.42	3.82	CAR-HV
COM	661.24	3.81	HV-COM
HV	665.05	1.29	COM-HV
HV	666.34	5.76	HV-HV
CAR	672.1	1.18	HV-CAR
TW	673.28	1.57	CAR-TW
HV	674.85	4.78	TW-HV
MC	679.63	0.93	HV-MC
TW	680.56	5.51	MC-TW
MC	686.07	2.8	TW-MC
TW	688.87	2.39	MC-TW
TW	691.26	2.94	TW-TW
HV	694.2	2.66	TW-HV
TW	696.86	1.18	HV-TW
CAR	698.04	1.12	TW-CAR
HV	699.16	2.42	CAR-HV
COM	701.58	2.38	HV-COM
COM	703.96	2.77	COM-COM
CAR	706.73	3.07	COM-CAR
CAR	709.8	0.58	CAR-CAR
COM	710.38	3.62	CAR-COM
HV	714	2.72	COM-HV
TW	716.72	2.74	HV-TW
TW	719.46	0.79	TW-TW
TW	720.25	2.55	TW-TW
TW	722.8	1.6	TW-TW
MC	724.4	3.38	TW-MC
CAR	727.78	2.53	MC-CAR
TW	730.31	1.97	CAR-TW
CAR	732.28	2.64	TW-CAR
MC	734.92	0.92	CAR-MC
CAR	735.84	3.93	MC-CAR
HV	739.77	3.18	CAR-HV
MC	742.95	2.78	HV-MC
MC	745.73	5.61	MC-MC
CAR	751.34	4.63	MC-CAR
TW	755.97	3.31	CAR-TW
HV	759.28	1.97	TW-HV
CAR	761.25	4.53	HV-CAR
CAR	765.78	0.93	CAR-CAR
CAR	766.71	1.79	CAR-CAR
COM	768.5	2.96	CAR-COM
MC	771.46	3.07	COM-MC
TW	774.53	1.64	MC-TW
HV	776.17	1.91	TW-HV
COM	778.08	7.27	HV-COM
COM	785.35	6.02	COM-COM
TW	791.37	3.73	COM-TW
COM	795.1	2.53	TW-COM
COM	797.63	4.51	COM-COM
TW	802.14	3.19	COM-TW
TW	805.33	3.33	TW-TW
MC	808.66	5.08	TW-MC
CAR	813.74	2.68	MC-CAR
COM	816.42	1.59	CAR-COM
TW	818.01	2.31	COM-TW
CAR	820.32	0.89	TW-CAR
CAR	821.21	1.45	CAR-CAR
TW	822.66	2.02	CAR-TW
MC	824.68	2.34	TW-MC
TW	827.02	4.29	MC-TW
COM	831.31	0.19	TW-COM
HV	831.5	4.94	COM-HV
TW	836.44	4.03	HV-TW
COM	840.47	2.66	TW-COM
MC	843.13	2.47	COM-MC
COM	845.6	4.83	MC-COM
HV	850.43	4.65	COM-HV
COM	855.08	3.4	HV-COM
COM	858.48	0.62	COM-COM
HV	859.1	2.65	COM-HV
CAR	861.75	3.1	HV-CAR
CAR	864.85	3.85	CAR-CAR
COM	868.7	1.81	CAR-COM
COM	870.51	5.72	COM-COM
HV	876.23	2.78	COM-HV
TW	879.01	0.65	HV-TW
MC	879.66	5.18	TW-MC
MC	884.84	5.44	MC-MC
HV	890.28	1.78	MC-HV
CAR	892.06	3.77	HV-CAR
MC	895.83		CAR-MC

HV	448.49	3.88	TW-HV
TW	452.37	4.84	HV-TW
HV	457.21	2.45	TW-HV
MC	459.66	4.29	HV-MC
COM	463.95	4.77	MC-COM
HV	468.72	2.63	COM-HV
HV	471.35	2	HV-HV
HV	473.35	4.32	HV-HV
TW	477.67	4.99	HV-TW
COM	482.66	1.76	TW-COM
TW	484.42	1.08	COM-TW
COM	485.5	6.12	TW-COM
TW	491.62	2.39	COM-TW
HV	494.01	4.16	TW-HV
COM	498.17	2.75	HV-COM
COM	500.92	3.21	COM-COM
COM	504.13	2.73	COM-COM
TW	506.86	6.3	COM-TW
TW	513.16	3.16	TW-TW
COM	516.32	2.64	TW-COM
MC	518.96	3.94	COM-MC
HV	522.9	1.03	MC-HV
COM	523.93	1.33	HV-COM
CAR	525.26	2.79	COM-CAR
COM	528.05	5.92	CAR-COM
TW	533.97	1.24	COM-TW
CAR	535.21	4.35	TW-CAR
CAR	539.56	4.95	CAR-CAR
COM	544.51	4.79	CAR-COM
HV	549.3	3.24	COM-HV
COM	552.54	0.7	HV-COM
CAR	553.24	2.9	COM-CAR
TW	556.14	2.2	CAR-TW
MC	558.34	1.03	TW-MC
HV	559.37	3.11	MC-HV
CAR	562.48	3.59	HV-CAR
CAR	566.07	3.38	CAR-CAR
COM	569.45	1.36	CAR-COM
CAR	570.81	4.01	COM-CAR
HV	574.82	4.8	CAR-HV
COM	579.62	0.94	HV-COM
CAR	580.56	2.86	COM-CAR
MC	583.42	0.7	CAR-MC
TW	584.12	2.75	MC-TW
HV	586.87	4.77	TW-HV
TW	591.64	2.89	HV-TW
TW	594.53	5.57	TW-TW
MC	600.1	4.13	TW-MC
HV	604.23	3.13	MC-HV
COM	607.36	4.73	HV-COM
COM	612.09	3.1	COM-COM
TW	615.19	4.77	COM-TW
TW	619.96	0.8	TW-TW
CAR	620.76	1.14	TW-CAR
COM	621.9	0.8	CAR-COM
MC	622.7	2.76	COM-MC
COM	625.46	3.81	MC-COM
COM	629.27	6.64	COM-COM
COM	635.91	4.4	COM-COM
TW	640.31	1.66	COM-TW
CAR	641.97	1.72	TW-CAR
COM	643.69	3.49	CAR-COM
COM	647.18	3.12	COM-COM
MC	650.3	0.53	COM-MC
CAR	650.83	1.96	MC-CAR
CAR	652.79	5.4	CAR-CAR
MC	658.19	2.42	CAR-MC
TW	660.61	2.48	MC-TW
CAR	663.09	2.14	TW-CAR
CAR	665.23	2.8	CAR-CAR
HV	668.03	4.06	CAR-HV
MC	672.09	3.99	HV-MC
CAR	676.08	4.9	MC-CAR
CAR	680.98	6.61	CAR-CAR
TW	687.59	0.88	CAR-TW
HV	688.47	4.78	TW-HV
CAR	693.25	0.98	HV-CAR
CAR	694.23	2.54	CAR-CAR
HV	696.77	2.11	CAR-HV
HV	698.88	1.13	HV-HV
HV	700.01	7.46	HV-HV
TW	707.47	1.25	HV-TW
MC	708.72	5.12	TW-MC
COM	713.84	2.31	MC-COM
TW	716.15	1.33	COM-TW
CAR	717.48	0.74	TW-CAR
MC	718.22	1.76	CAR-MC
HV	719.98	3.36	MC-HV
MC	723.34	3.86	HV-MC
COM	727.2	1.82	MC-COM
COM	729.02	3.25	COM-COM
MC	732.27	3.06	COM-MC
TW	735.33	2.38	MC-TW
COM	737.71	6.29	TW-COM
COM	744	2.44	COM-COM
HV	746.44	3.85	COM-HV
CAR	750.29	7.1	HV-CAR
HV	757.39	2.45	CAR-HV
COM	759.84	8.02	HV-COM
TW	767.86	2.09	COM-TW
MC	769.95	1.44	TW-MC
CAR	771.39	3.14	MC-CAR
MC	774.53	3.95	CAR-MC
HV	778.48	1.18	MC-HV
TW	779.66	5.41	HV-TW
MC	785.07	1.42	TW-MC
MC	786.49	3.06	MC-MC
CAR	789.55	1.94	MC-CAR
COM	791.49	1.63	CAR-COM
MC	793.12	5.17	COM-MC
CAR	798.29	1.45	MC-CAR
CAR	799.74	2.95	CAR-CAR
MC	802.69	1.26	CAR-MC
MC	803.95	3.11	MC-MC
TW	807.06	0.52	MC-TW
CAR	807.58	3.81	TW-CAR
COM	811.39	2.19	CAR-COM
MC	813.58	3.31	COM-MC
TW	816.89	7.59	MC-TW
CAR	824.48	1.12	TW-CAR
HV	825.6	1.59	CAR-HV
CAR	827.19	4.3	HV-CAR
MC	831.49	2.71	CAR-MC
TW	834.2	3.7	MC-TW
MC	837.9	1.31	TW-MC
COM	839.21	2.46	MC-COM
COM	841.67	2.93	COM-COM
CAR	844.6	1.1	COM-CAR
MC	845.7	3.9	CAR-MC
TW	849.6	2.78	MC-TW
TW	852.38	3.25	TW-TW
COM	855.63	2.41	TW-COM
HV	858.04	1.29	COM-HV
COM	859.33	2.4	HV-COM
MC	861.73	0.71	COM-MC
COM	862.44	1.71	MC-COM
CAR	864.15	3.85	COM-CAR
MC	868	3.94	CAR-MC
TW	871.94	7.43	MC-TW
MC	879.37	1.02	TW-MC
CAR	880.39	1.18	MC-CAR
HV	881.57	1.26	CAR-HV
MC	882.83	0.98	HV-MC
HV	883.81	5.2	MC-HV
CAR	889.01	1.89	HV-CAR
TW	890.9	1.14	CAR-TW
CAR	892.04	1.39	TW-CAR
COM	893.43	2.04	CAR-COM
CAR	895.47	0.94	COM-CAR
TW	896.41	2.12	CAR-TW
HV	898.53		TW-HV

MC	407.04	1.29	MC-MC
CAR	408.33	5.04	MC-CAR
TW	413.37	1.1	CAR-TW
CAR	414.47	0.9	TW-CAR
MC	415.37	1.82	CAR-MC
MC	417.19	1.21	MC-MC
MC	418.4	3.9	MC-MC
CAR	422.3	5.49	MC-CAR
CAR	427.79	2.12	CAR-CAR
HV	429.91	3.27	CAR-HV
MC	433.18	0.49	HV-MC
MC	433.67	1.09	MC-MC
MC	434.76	2.53	MC-MC
HV	437.29	5.18	MC-HV
COM	442.47	1.72	HV-COM
COM	444.19	5.12	COM-COM
TW	449.31	3.04	COM-TW
COM	452.35	1.7	TW-COM
MC	454.05	2.66	COM-MC
HV	456.71	4.64	MC-HV
HV	461.35	2.45	HV-HV
TW	463.8	0.51	HV-TW
HV	464.31	1.05	TW-HV
CAR	465.36	3.02	HV-CAR
TW	468.38	1.53	CAR-TW
MC	469.91	3.21	TW-MC
CAR	473.12	1.57	MC-CAR
MC	474.69	0.71	CAR-MC
COM	475.4	1.54	MC-COM
TW	476.94	4.94	COM-TW
COM	481.88	2.69	TW-COM
COM	484.57	3.82	COM-COM
CAR	488.39	1.51	COM-CAR
HV	489.9	1.33	CAR-HV
MC	491.23	1.84	HV-MC
HV	493.07	3.78	MC-HV
TW	496.85	1.56	HV-TW
COM	498.41	1.86	TW-COM
TW	500.27	5.7	COM-TW
TW	505.97	6.01	TW-TW
MC	511.98	3.77	TW-MC
HV	515.75	2.5	MC-HV
TW	518.25	2.96	HV-TW
HV	521.21	4.44	TW-HV
MC	525.65	1.86	HV-MC
COM	527.51	5.74	MC-COM
COM	533.25	1.13	COM-COM
COM	534.38	4.67	COM-COM
CAR	539.05	4.56	COM-CAR
CAR	543.61	1.41	CAR-CAR
COM	545.02	3.58	CAR-COM
TW	548.6	1.41	COM-TW
CAR	550.01	4.05	TW-CAR
MC	554.06	2.08	CAR-MC
MC	556.14	1.44	MC-MC
COM	557.58	2.23	MC-COM
CAR	559.81	2.73	COM-CAR
COM	562.54	4.46	CAR-COM
MC	567	5.23	COM-MC
MC	572.23	2.8	MC-MC
HV	575.03	0.87	MC-HV
MC	575.9	9.95	HV-MC
COM	585.85	1.68	MC-COM
TW	587.53	2.06	COM-TW
MC	589.59	3.9	TW-MC
HV	593.49	4.09	MC-HV
HV	597.58	1.38	HV-HV
HV	598.96	2.8	HV-HV
MC	601.76	7.14	HV-MC
COM	608.9	2.63	MC-COM
HV	611.53	5.65	COM-HV
COM	617.18	3.82	HV-COM
TW	621	3.27	COM-TW
CAR	624.27	2.71	TW-CAR
MC	626.98	6.37	CAR-MC
CAR	633.35	0.91	MC-CAR
CAR	634.26	4.3	CAR-CAR
MC	638.56	6.63	CAR-MC
COM	645.19	3.95	MC-COM
COM	649.14	1.1	COM-COM
MC	650.24	1.91	COM-MC
TW	652.15	3.69	MC-TW
MC	655.84	3.85	TW-MC
MC	659.69	2.18	MC-MC
COM	661.87	4.81	MC-COM
HV	666.68	4.51	COM-HV
TW	671.19	3.97	HV-TW
CAR	675.16	4.6	TW-CAR
TW	679.76	3.79	CAR-TW
HV	683.55	1.19	TW-HV
CAR	684.74	5.89	HV-CAR
TW	690.63	2.56	CAR-TW
HV	693.19	2.39	TW-HV
MC	695.58	0.54	HV-MC
COM	696.12	4.25	MC-COM
CAR	700.37	1.08	COM-CAR
TW	701.45	2.93	CAR-TW
COM	704.38	1.57	TW-COM
MC	705.95	0.86	COM-MC
MC	706.81	4.76	MC-MC
HV	711.57	7.81	MC-HV
TW	719.38	0.82	HV-TW
HV	720.2	1.66	TW-HV
TW	721.86	1.68	HV-TW
CAR	723.54	4.64	TW-CAR
HV	728.18	2.76	CAR-HV
CAR	730.94	0.77	HV-CAR
HV	731.71	2.4	CAR-HV
MC	734.11	2.17	HV-MC
TW	736.28	1.83	MC-TW
TW	738.11	4.46	TW-TW
TW	742.57	1.69	TW-TW
HV	744.26	6.43	TW-HV
HV	750.69	6.25	HV-HV
COM	756.94	2.47	HV-COM
TW	759.41	2.33	COM-TW
CAR	761.74	2.72	TW-CAR
CAR	764.46	3.42	CAR-CAR
COM	767.88	4.28	CAR-COM
HV	772.16	2.35	COM-HV
HV	774.51	0.78	HV-HV
MC	775.29	3.1	HV-MC
MC	778.39	4.43	MC-MC
TW	782.82	5.96	MC-TW
CAR	788.78	2.62	TW-CAR
COM	791.4	0.95	CAR-COM
HV	792.35	1.29	COM-HV
HV	793.64	0.36	HV-HV
COM	794	5.11	HV-COM
TW	799.11	1.42	COM-TW
CAR	800.53	2.57	TW-CAR
COM	803.1	4.79	CAR-COM
MC	807.89	2.17	COM-MC
TW	810.06	2.09	MC-TW
TW	812.15	2.67	TW-TW
CAR	814.82	3.75	TW-CAR
HV	818.57	3.68	CAR-HV
TW	822.25	4.82	HV-TW
TW	827.07	4.09	TW-TW
MC	831.16	1.96	TW-MC
COM	833.12	4.49	MC-COM
HV	837.61	2.24	COM-HV
CAR	839.85	1.66	HV-CAR
CAR	841.51	4.52	CAR-CAR
COM	846.03	4.9	CAR-COM
MC	850.93	3.4	COM-MC
COM	854.33	1.54	MC-COM
COM	855.87	2.07	COM-COM
CAR	857.94	2.47	COM-CAR
CAR	860.41	4.94	CAR-CAR
CAR	865.35	2.66	CAR-CAR
COM	868.01	4.01	CAR-COM
CAR	872.02	2.83	COM-CAR
HV	874.85	2.46	CAR-HV
HV	877.31		HV-HV

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	56
To	Dehiwala	TW	63
Side	LHS	CAR	60
Lane	Inner	COM	59
Video name	8100	HV	61
Time started	5:15 PM	SUM	299
Time finished	5:30 AM		
Traffic count (15Min)	299	Veh	
Traffic flow rate	1196	Veh/hr	
		Headway (Sec)	Pairwise
HV	0	2.45	
HV	2.45	1.36	HV-HV
COM	3.81	0.86	HV-COM
CAR	4.67	1.26	COM-CAR
TW	5.93	1.33	CAR-TW
MC	7.26	4.39	TW-MC
CAR	11.65	6.56	MC-CAR
TW	18.21	3.22	CAR-TW
CAR	21.43	1.44	TW-CAR
MC	22.87	1.48	CAR-MC
TW	24.35	1.96	MC-TW
COM	26.31	4.78	TW-COM
HV	31.09	1.89	COM-HV
COM	32.98	6.09	HV-COM
TW	39.07	1.94	COM-TW
MC	41.01	3.6	TW-MC
HV	44.61	2.08	MC-HV
HV	46.69	1.99	HV-HV
TW	48.68	3	HV-TW
HV	51.68	4.5	TW-HV
HV	56.18	2.35	HV-HV
MC	58.53	1.98	HV-MC
HV	60.51	5.83	MC-HV
HV	66.34	1.74	HV-HV
MC	68.08	5.48	HV-MC
MC	73.56	2.69	MC-MC
TW	76.25	2.73	MC-TW
TW	78.98	2.87	TW-TW
MC	81.85	1.86	TW-MC
CAR	83.71	4.73	MC-CAR
HV	88.44	4.36	CAR-HV
CAR	92.8	3.41	HV-CAR
COM	96.21	2.64	CAR-COM
HV	98.85	4.1	COM-HV
CAR	102.95	5.17	HV-CAR
COM	108.12	3.88	CAR-COM
MC	112	1.74	COM-MC
MC	113.74	4.93	MC-MC
CAR	118.67	6.69	MC-CAR
COM	125.36	2.1	CAR-COM
HV	127.46	4.28	COM-HV
MC	131.74	1.92	HV-MC
MC	133.66	2.24	MC-MC
COM	135.9	5.89	MC-COM
CAR	141.79	2.89	COM-CAR
HV	144.68	2.85	CAR-HV
HV	147.53	0.82	HV-HV
HV	148.35	1.48	HV-HV
COM	149.83	3.6	HV-COM
CAR	153.43	1.83	COM-CAR
CAR	155.26	3.45	CAR-CAR
COM	158.71	3.5	CAR-COM
COM	162.21	5.63	COM-COM
MC	167.84	1.97	COM-MC
COM	169.81	9.23	MC-COM
TW	179.04	0.62	COM-TW
COM	179.66	2.54	TW-COM
COM	182.2	2.31	COM-COM
COM	184.51	2.73	COM-COM
TW	187.24	2.96	COM-TW
MC	190.2	1.49	TW-MC
TW	191.69	2.55	MC-TW
HV	194.24	2.47	TW-HV
HV	196.71	2.49	HV-HV
HV	199.2	6.41	HV-HV
CAR	205.61	1.75	HV-CAR
MC	207.36	1.99	CAR-MC
HV	209.35	1.98	MC-HV
HV	211.33	4.37	HV-HV
CAR	215.7	4.14	HV-CAR
MC	219.84	3.53	CAR-MC
MC	223.37	2.58	MC-MC
CAR	225.95	4.11	MC-CAR
HV	230.06	3.31	CAR-HV
MC	233.37	3.9	HV-MC
MC	237.27	3.04	MC-MC
COM	240.31	1.53	MC-COM
HV	241.84	1.37	COM-HV
CAR	243.21	1.01	HV-CAR
CAR	244.22	7.54	CAR-CAR
CAR	251.76	7.27	CAR-CAR
TW	259.03	1.37	CAR-TW
MC	260.4	2	TW-MC
TW	262.4	1.33	MC-TW
MC	263.73	1.9	TW-MC
TW	265.63	1.14	MC-TW
COM	266.77	3.83	TW-COM
TW	270.6	1.78	COM-TW
HV	272.38	2.16	TW-HV
CAR	274.54	5.01	HV-CAR
MC	279.55	1.05	CAR-MC
TW	280.6	3.03	MC-TW
TW	283.63	1.19	TW-TW
COM	284.82	3.93	TW-COM
MC	288.75	1.04	COM-MC
COM	289.79	1.57	MC-COM
HV	291.36	3.96	COM-HV
COM	295.32	1.94	HV-COM
HV	297.26	1.06	COM-HV
HV	298.32	1.41	HV-HV
HV	299.73	2.19	HV-HV
COM	301.92	1.15	HV-COM
TW	303.07	2.04	COM-TW
HV	305.11	3.31	TW-HV
CAR	308.42	2	HV-CAR
COM	310.42	3.88	CAR-COM
TW	314.3	1.43	COM-TW
MC	315.73	2.06	TW-MC
TW	317.79	2.64	MC-TW
TW	320.43	8.74	TW-TW
CAR	329.17	4.45	TW-CAR
COM	333.62	1.36	CAR-COM
COM	334.98	3.03	COM-COM
CAR	338.01	0.55	COM-CAR
TW	338.56	1.82	CAR-TW
CAR	340.38	1.68	TW-CAR
TW	342.06	3.95	CAR-TW
MC	346.01	1.91	TW-MC
MC	347.92	5.52	MC-MC
CAR	353.44	3.06	MC-CAR
MC	356.5	3.4	CAR-MC
CAR	359.9	2.07	MC-CAR
HV	361.97	1.51	CAR-HV
TW	363.48	2.8	HV-TW
CAR	366.28	6.19	TW-CAR
HV	372.47	1.73	CAR-HV
COM	374.2	3.09	HV-COM
COM	377.29	2.2	COM-COM
MC	379.49	3.95	COM-MC
HV	383.44	3.83	MC-HV
TW	387.27	1.33	HV-TW
COM	388.6	3.18	TW-COM
TW	391.78	0.98	COM-TW
CAR	392.76	3.8	TW-CAR
MC	396.56	3.41	CAR-MC
TW	399.97	2.29	MC-TW
CAR	402.26	1.87	TW-CAR
COM	404.13	2.91	CAR-COM

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	47
To	Dehiwala	TW	65
Side	LHS	CAR	55
Lane	Inner	COM	47
Video name	8400	HV	57
Time started	5:30 PM	SUM	271
Time finished	5:45 PM		
Traffic count (15Min)	271	Veh	
Traffic flow rate	1084	Veh/hr	
		Headway (Sec)	Pairwise
TW	0	5.18	
TW	5.18	3.94	TW-TW
TW	9.12	2.8	TW-TW
COM	11.92	2.55	TW-COM
HV	14.47	1.08	COM-HV
MC	15.55	2.54	HV-MC
COM	18.09	3.72	MC-COM
HV	21.81	2.73	COM-HV
MC	24.54	5.72	HV-MC
TW	30.26	2.09	MC-TW
CAR	32.35	1.48	TW-CAR
HV	33.83	8.03	CAR-HV
TW	41.86	4.02	HV-TW
COM	45.88	3.91	TW-COM
CAR	49.79	3.74	COM-CAR
CAR	53.53	2.71	CAR-CAR
CAR	56.24	2.11	CAR-CAR
MC	58.35	5.02	CAR-MC
TW	63.37	3.59	MC-TW
COM	66.96	4.03	TW-COM
HV	70.99	5.04	COM-HV
COM	76.03	5.73	HV-COM
TW	81.76	4.21	COM-TW
COM	85.97	1.89	TW-COM
COM	87.86	2.46	COM-COM
COM	90.32	1.86	COM-COM
COM	92.18	1.97	COM-COM
HV	94.15	2.52	COM-HV
COM	96.67	5.17	HV-COM
CAR	101.84	2.27	COM-CAR
MC	104.11	0.21	CAR-MC
HV	104.32	2.37	MC-HV
COM	106.69	3.65	HV-COM
CAR	110.34	4.09	COM-CAR
HV	114.43	2.87	CAR-HV
HV	117.3	3.14	HV-HV
HV	120.44	4.74	HV-HV
CAR	125.18	3.85	HV-CAR
MC	129.03	5.56	CAR-MC
TW	134.59	1.8	MC-TW
COM	136.39	3.57	TW-COM
TW	139.96	2.15	COM-TW
HV	142.11	3.08	TW-HV
HV	145.19	0.73	HV-HV
HV	145.92	4.57	HV-HV
TW	150.49	4.28	HV-TW
TW	154.77	2.54	TW-TW
TW	157.31	2.86	TW-TW
MC	160.17	1.65	TW-MC
COM	161.82	1.65	MC-COM
HV	163.47	5.35	COM-HV
TW	168.82	1.34	HV-TW
TW	170.16	3.04	TW-TW
COM	173.2	2.35	TW-COM
TW	175.55	2.15	COM-TW
TW	177.7	1.63	TW-TW
CAR	179.33	2.44	TW-CAR
CAR	181.77	4.17	CAR-CAR
TW	185.94	8.13	CAR-TW
MC	194.07	1.84	TW-MC
TW	195.91	5.2	MC-TW
MC	201.11	2.77	TW-MC
COM	203.88	5.57	MC-COM
MC	209.45	3.69	COM-MC
HV	213.14	1.27	MC-HV
MC	214.41	1.61	HV-MC
COM	216.02	3.48	MC-COM
HV	219.5	2.43	COM-HV
CAR	221.93	1.26	HV-CAR
COM	223.19	1.67	CAR-COM
CAR	224.86	4.83	COM-CAR
HV	229.69	5.36	CAR-HV
COM	235.05	6.55	HV-COM
MC	241.6	7.11	COM-MC
MC	248.71	9.7	MC-MC
COM	258.41	3.94	MC-COM
TW	262.35	3.33	COM-TW
MC	265.68	3.75	TW-MC
CAR	269.43	3	MC-CAR
COM	272.43	4.08	CAR-COM
COM	276.51	5.08	COM-COM
CAR	281.59	1.71	COM-CAR
TW	283.3	2.44	CAR-TW
MC	285.74	1.95	TW-MC
COM	287.69	3.57	MC-COM
COM	291.26	5.39	COM-COM
COM	296.65	3.15	COM-COM
MC	299.8	5.52	COM-MC
HV	305.32	3.97	MC-HV
CAR	309.29	2.93	HV-CAR
MC	312.22	3.73	CAR-MC
HV	315.95	3.8	MC-HV
TW	319.75	6.5	HV-TW
HV	326.25	4.06	TW-HV
HV	330.31	4.56	HV-HV
HV	334.87	0.76	HV-HV
TW	335.63	1.71	HV-TW
CAR	337.34	2.35	TW-CAR
MC	339.69	1.32	CAR-MC
HV	341.01	1.31	MC-HV
CAR	342.32	1.05	HV-CAR
CAR	343.37	5.87	CAR-CAR
HV	349.24	3.53	CAR-HV
CAR	352.77	5.41	HV-CAR
CAR	358.18	0.95	CAR-CAR
HV	359.13	6.58	CAR-HV
COM	365.71	3.72	HV-COM
MC	369.43	1.9	COM-MC
HV	371.33	3.08	MC-HV
HV	374.41	2.36	HV-HV
HV	376.77	4.1	HV-HV
TW	380.87	2.72	HV-TW
TW	383.59	1.09	TW-TW
CAR	384.68	6.77	TW-CAR
HV	391.45	2.88	CAR-HV
HV	394.33	4.04	HV-HV
CAR	398.37	2.22	HV-CAR
TW	400.59	5.93	CAR-TW
TW	406.52	2.58	TW-TW
CAR	409.1	1.98	TW-CAR
HV	411.08	3.71	CAR-HV
TW	414.79	3.21	HV-TW
COM	418	3.12	TW-COM
HV	421.12	6.87	COM-HV
CAR	427.99	2.92	HV-CAR
COM	430.91	4.57	CAR-COM
HV	435.48	6.2	COM-HV
TW	441.68	3.9	HV-TW
MC	445.58	1.36	TW-MC
MC	446.94	5.2	MC-MC
CAR	452.14	1.93	MC-CAR
CAR	454.07	2.36	CAR-CAR
CAR	456.43	3.77	CAR-CAR
TW	460.2	1.41	CAR-TW
CAR	461.61	4	TW-CAR
MC	465.61	1.67	CAR-MC
HV	467.28	4.57	MC-HV
TW	471.85	4.03	HV-TW

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	52
To	Dehiwala	TW	54
Side	LHS	CAR	45
Lane	Inner	COM	81
Video name	8700	HV	63
Time started	5:45 PM	SUM	295
Time finished	6:00 AM		
Traffic count (15Min)	295	Veh	
Traffic flow rate	1180	Veh/hr	
		Headway (Sec)	Pairwise
TW	0	2.08	
COM	2.08	1.57	TW-COM
CAR	3.65	2.74	COM-CAR
CAR	6.39	1.25	CAR-CAR
HV	7.64	3.37	CAR-HV
TW	11.01	3.63	HV-TW
COM	14.64	2.54	TW-COM
HV	17.18	2.65	COM-HV
COM	19.83	2.74	HV-COM
HV	22.57	2.98	COM-HV
CAR	25.55	1.43	HV-CAR
TW	26.98	3.19	CAR-TW
HV	30.17	2.21	TW-HV
HV	32.38	2.93	HV-HV
HV	35.31	1.39	HV-HV
COM	36.7	4.7	HV-COM
MC	41.4	6.25	COM-MC
MC	47.65	1.78	MC-MC
HV	49.43	2.38	MC-HV
COM	51.81	1.41	HV-COM
TW	53.22	2.03	COM-TW
MC	55.25	2.8	TW-MC
MC	58.05	2.17	MC-MC
CAR	60.22	0.42	MC-CAR
COM	60.64	0.99	CAR-COM
HV	61.63	1.35	COM-HV
CAR	62.98	5.91	HV-CAR
MC	68.89	4.02	CAR-MC
HV	72.91	3.68	MC-HV
HV	76.59	1.54	HV-HV
HV	78.13	7.02	HV-HV
TW	85.15	4.53	HV-TW
COM	89.68	2.5	TW-COM
MC	92.18	5.58	COM-MC
HV	97.76	1.64	MC-HV
HV	99.4	2.42	HV-HV
CAR	101.82	3.63	HV-CAR
TW	105.45	1.41	CAR-TW
CAR	106.86	1.99	TW-CAR
TW	108.85	3.44	CAR-TW
MC	112.29	1.42	TW-MC
TW	113.71	0.85	MC-TW
MC	114.56	2.36	TW-MC
CAR	116.92	3.87	MC-CAR
MC	120.79	3.84	CAR-MC
TW	124.63	2.06	MC-TW
HV	126.69	1.05	TW-HV
HV	127.74	2.24	HV-HV
COM	129.98	3.63	HV-COM
COM	133.61	3.07	COM-COM
COM	136.68	1.87	COM-COM
MC	138.55	3.55	COM-MC
HV	142.1	6.79	MC-HV
COM	148.89	4.78	HV-COM
COM	153.67	6.44	COM-COM
COM	160.11	4.91	COM-COM
COM	165.02	2.31	COM-COM
COM	167.33	3.1	COM-COM
CAR	170.43	4.05	COM-CAR
COM	174.48	2.5	CAR-COM
HV	176.98	2.65	COM-HV
TW	179.63	7.36	HV-TW
MC	186.99	2.53	TW-MC
TW	189.52	3.01	MC-TW
CAR	192.53	1.82	TW-CAR
COM	194.35	0.82	CAR-COM
TW	195.17	4.37	COM-TW
COM	199.54	3.97	TW-COM
HV	203.51	3.48	COM-HV
COM	206.99	2.82	HV-COM
MC	209.81	2.16	COM-MC
COM	211.97	3.13	MC-COM
COM	215.1	2.2	COM-COM
HV	217.3	1.76	COM-HV
COM	219.06	7	HV-COM
HV	226.06	3.66	COM-HV
HV	229.72	0.18	HV-HV
TW	229.9	1.87	HV-TW
COM	231.77	6	TW-COM
COM	237.77	1.23	COM-COM
HV	239	3.98	COM-HV
COM	242.98	0.84	HV-COM
CAR	243.82	2.74	COM-CAR
COM	246.56	2.51	CAR-COM
TW	249.07	2.75	COM-TW
COM	251.82	4.48	TW-COM
COM	256.3	1.67	COM-COM
COM	257.97	3.69	COM-COM
MC	261.66	1.26	COM-MC
MC	262.92	1.85	MC-MC
MC	264.77	4.85	MC-MC
COM	269.62	7.12	MC-COM
COM	276.74	1.88	COM-COM
CAR	278.62	1.72	COM-CAR
COM	280.34	2.61	CAR-COM
COM	282.95	2.55	COM-COM
COM	285.5	2.05	COM-COM
MC	287.55	4.64	COM-MC
MC	292.19	1.41	MC-MC
CAR	293.6	4.56	MC-CAR
COM	298.16	1.47	CAR-COM
TW	299.63	1.61	COM-TW
HV	301.24	4.79	TW-HV
CAR	306.03	2.91	HV-CAR
CAR	308.94	1.94	CAR-CAR
HV	310.88	1.64	CAR-HV
MC	312.52	3.06	HV-MC
TW	315.58	1.23	MC-TW
TW	316.81	3.2	TW-TW
HV	320.01	1.78	TW-HV
COM	321.79	3.54	HV-COM
MC	325.33	4.5	COM-MC
COM	329.83	4.11	MC-COM
TW	333.94	0.6	COM-TW
HV	334.54	2.13	TW-HV
HV	336.67	5.32	HV-HV
COM	341.99	2.35	HV-COM
MC	344.34	1.15	COM-MC
TW	345.49	5.4	MC-TW
TW	350.89	0.71	TW-TW
COM	351.6	5.9	TW-COM
TW	357.5	0.6	COM-TW
HV	358.1	0.79	TW-HV
CAR	358.89	2.58	HV-CAR
CAR	361.47	7.09	CAR-CAR
COM	368.56	2.09	CAR-COM
MC	370.65	5.64	COM-MC
COM	376.29	3.73	MC-COM
MC	380.02	6.54	COM-MC
HV	386.56	7.1	MC-HV
TW	393.66	1.57	HV-TW
COM	395.23	2.69	TW-COM
TW	397.92	3.31	COM-TW
COM	401.23	4.44	TW-COM
COM	405.67	2.92	COM-COM
CAR	408.59	4.34	COM-CAR
CAR	412.93	3.06	CAR-CAR
HV	415.99	3.77	CAR-HV

MC	407.04	1.29	COM-MC
CAR	408.33	5.04	MC-CAR
TW	413.37	1.1	CAR-TW
TW	414.47	0.9	TW-TW
COM	415.37	1.82	TW-COM
COM	417.19	1.21	COM-COM
CAR	418.4	3.9	COM-CAR
MC	422.3	5.49	CAR-MC
TW	427.79	2.12	MC-TW
HV	429.91	3.27	TW-HV
COM	433.18	0.49	HV-COM
TW	433.67	1.09	COM-TW
TW	434.76	2.53	TW-TW
TW	437.29	5.18	TW-TW
CAR	442.47	1.72	TW-CAR
HV	444.19	5.12	CAR-HV
MC	449.31	3.04	HV-MC
HV	452.35	1.7	MC-HV
COM	454.05	2.66	HV-COM
HV	456.71	4.64	COM-HV
HV	461.35	2.45	HV-HV
COM	463.8	0.51	HV-COM
CAR	464.31	1.05	COM-CAR
MC	465.36	3.02	CAR-MC
CAR	468.38	1.53	MC-CAR
HV	469.91	3.21	CAR-HV
CAR	473.12	1.57	HV-CAR
MC	474.69	0.71	CAR-MC
CAR	475.4	1.54	MC-CAR
MC	476.94	4.94	CAR-MC
HV	481.88	2.69	MC-HV
CAR	484.57	3.82	HV-CAR
MC	488.39	1.51	CAR-MC
TW	489.9	1.33	MC-TW
TW	491.23	1.84	TW-TW
CAR	493.07	3.78	TW-CAR
CAR	496.85	1.56	CAR-CAR
MC	498.41	1.86	CAR-MC
TW	500.27	5.7	MC-TW
HV	505.97	6.01	TW-HV
TW	511.98	3.77	HV-TW
COM	515.75	2.5	TW-COM
COM	518.25	2.96	COM-COM
HV	521.21	4.44	COM-HV
COM	525.65	1.86	HV-COM
MC	527.51	5.74	COM-MC
COM	533.25	1.13	MC-COM
TW	534.38	4.67	COM-TW
TW	539.05	4.56	TW-TW
COM	543.61	1.41	TW-COM
TW	545.02	3.58	COM-TW
COM	548.6	1.41	TW-COM
TW	550.01	4.05	COM-TW
HV	554.06	2.08	TW-HV
TW	556.14	1.44	HV-TW
MC	557.58	2.23	TW-MC
HV	559.81	2.73	MC-HV
TW	562.54	4.46	HV-TW
CAR	567	5.23	TW-CAR
CAR	572.23	2.8	CAR-CAR
MC	575.03	0.87	CAR-MC
HV	575.9	9.95	MC-HV
MC	585.85	1.68	HV-MC
COM	587.53	2.06	MC-COM
HV	589.59	3.9	COM-HV
CAR	593.49	4.09	HV-CAR
TW	597.58	1.38	CAR-TW
TW	598.96	2.8	TW-TW
MC	601.76	7.14	TW-MC
CAR	608.9	2.63	MC-CAR
HV	611.53	5.65	CAR-HV
CAR	617.18	3.82	HV-CAR
CAR	621	3.27	CAR-CAR
MC	624.27	2.71	CAR-MC
COM	626.98	6.37	MC-COM
CAR	633.35	0.91	COM-CAR
TW	634.26	4.3	CAR-TW
TW	638.56	6.63	TW-TW
COM	645.19	3.95	TW-COM
COM	649.14	1.1	COM-COM
MC	650.24	1.91	COM-MC
HV	652.15	3.69	MC-HV
TW	655.84	3.85	HV-TW
TW	659.69	2.18	TW-TW
MC	661.87	4.81	TW-MC
COM	666.68	4.51	MC-COM
COM	671.19	3.97	COM-COM
MC	675.16	4.6	COM-MC
COM	679.76	3.79	MC-COM
TW	683.55	1.19	COM-TW
CAR	684.74	5.89	TW-CAR
COM	690.63	2.56	CAR-COM
HV	693.19	2.39	COM-HV
CAR	695.58	0.54	HV-CAR
CAR	696.12	4.25	CAR-CAR
CAR	700.37	1.08	CAR-CAR
HV	701.45	2.93	CAR-HV
CAR	704.38	1.57	HV-CAR
COM	705.95	0.86	CAR-COM
TW	706.81	4.76	COM-TW
COM	711.57	7.81	TW-COM
COM	719.38	0.82	COM-COM
CAR	720.2	1.66	COM-CAR
COM	721.86	1.68	CAR-COM
HV	723.54	4.64	COM-HV
TW	728.18	2.76	HV-TW
TW	730.94	0.77	TW-TW
TW	731.71	2.4	TW-TW
CAR	734.11	2.17	TW-CAR
COM	736.28	1.83	CAR-COM
COM	738.11	4.46	COM-COM
HV	742.57	1.69	COM-HV
MC	744.26	6.43	HV-MC
HV	750.69	6.25	MC-HV
HV	756.94	2.47	HV-HV
TW	759.41	2.33	HV-TW
MC	761.74	2.72	TW-MC
CAR	764.46	3.42	MC-CAR
COM	767.88	4.28	CAR-COM
COM	772.16	2.35	COM-COM
MC	774.51	0.78	COM-MC
TW	775.29	3.1	MC-TW
TW	778.39	4.43	TW-TW
HV	782.82	5.96	TW-HV
CAR	788.78	2.62	HV-CAR
MC	791.4	0.95	CAR-MC
HV	792.35	1.29	MC-HV
HV	793.64	0.36	HV-HV
COM	794	5.11	HV-COM
HV	799.11	1.42	COM-HV
TW	800.53	2.57	HV-TW
MC	803.1	4.79	TW-MC
TW	807.89	2.17	MC-TW
MC	810.06	2.09	TW-MC
MC	812.15	2.67	MC-MC
COM	814.82	3.75	MC-COM
CAR	818.57	3.68	COM-CAR
CAR	822.25	4.82	CAR-CAR
TW	827.07	4.09	CAR-TW
COM	831.16	1.96	TW-COM
TW	833.12	4.49	COM-TW
HV	837.61	2.24	TW-HV
HV	839.85	1.66	HV-HV
HV	841.51	4.52	HV-HV
HV	846.03	4.9	HV-HV
HV	850.93	3.4	HV-HV
CAR	854.33	1.54	HV-CAR
MC	855.87	2.07	CAR-MC
CAR	857.94	2.47	MC-CAR
MC	860.41	4.94	CAR-MC
COM	865.35	2.66	MC-COM
CAR	868.01	4.01	COM-CAR
TW	872.02	2.83	CAR-TW
CAR	874.85	2.46	TW-CAR
CAR	877.31	1.32	CAR-CAR
MC	878.63	5.12	CAR-MC
TW	883.75	3.71	MC-TW
TW	887.46	4.43	TW-TW
MC	891.89	1.83	TW-MC
COM	893.72	3.35	MC-COM
CAR	897.07		COM-CAR

CAR	475.88	1.27	TW-CAR
TW	477.15	2.07	CAR-TW
HV	479.22	4.24	TW-HV
MC	483.46	1.08	HV-MC
CAR	484.54	3.7	MC-CAR
CAR	488.24	4.22	CAR-CAR
TW	492.46	5.37	CAR-TW
TW	497.83	2.72	TW-TW
MC	500.55	3.12	TW-MC
TW	503.67	1.55	MC-TW
CAR	505.22	4.87	TW-CAR
HV	510.09	3.68	CAR-HV
TW	513.77	1.63	HV-TW
HV	515.4	2.7	TW-HV
TW	518.1	5.21	HV-TW
HV	523.31	2.74	TW-HV
MC	526.05	3.92	HV-MC
TW	529.97	2.45	MC-TW
HV	532.42	2.97	TW-HV
MC	535.39	2.27	HV-MC
CAR	537.66	3.06	MC-CAR
CAR	540.72	7.49	CAR-CAR
CAR	548.21	6.13	CAR-CAR
COM	554.34	0.24	CAR-COM
MC	554.58	2.21	COM-MC
CAR	556.79	1.55	MC-CAR
MC	558.34	2.4	CAR-MC
HV	560.74	6.27	MC-HV
MC	567.01	4.46	HV-MC
CAR	571.47	2.55	MC-CAR
TW	574.02	3.43	CAR-TW
CAR	577.45	3.48	TW-CAR
COM	580.93	1.99	CAR-COM
MC	582.92	2.78	COM-MC
MC	585.7	3.31	MC-MC
HV	589.01	1.76	MC-HV
CAR	590.77	2.9	HV-CAR
CAR	593.67	2.6	CAR-CAR
HV	596.27	2.64	CAR-HV
MC	598.91	2.24	HV-MC
TW	601.15	0.8	MC-TW
MC	601.95	1.26	TW-MC
TW	603.21	3.71	MC-TW
CAR	606.92	3.18	TW-CAR
COM	610.1	6.5	CAR-COM
HV	616.6	3.93	COM-HV
HV	620.53	2.07	HV-HV
HV	622.6	2.3	HV-HV
COM	624.9	1.32	HV-COM
COM	626.22	2.47	COM-COM
MC	628.69	5.63	COM-MC
HV	634.32	2.76	MC-HV
MC	637.08	2.71	HV-MC
COM	639.79	2.82	MC-COM
TW	642.61	5.33	COM-TW
CAR	647.94	2.33	TW-CAR
MC	650.27	1.44	CAR-MC
COM	651.71	5.69	MC-COM
TW	657.4	5.49	COM-TW
MC	662.89	1.65	TW-MC
CAR	664.54	3	MC-CAR
TW	667.54	2.42	CAR-TW
COM	669.96	4.96	TW-COM
COM	674.92	4.48	COM-COM
TW	679.4	5.53	COM-TW
HV	684.93	2.36	TW-HV
CAR	687.29	2.91	HV-CAR
COM	690.2	4.78	CAR-COM
CAR	694.98	0.41	COM-CAR
TW	695.39	2.33	CAR-TW
CAR	697.72	1.89	TW-CAR
TW	699.61	1.76	CAR-TW
MC	701.37	1.11	TW-MC
CAR	702.48	3.73	MC-CAR
HV	706.21	3.7	CAR-HV
MC	709.91	2.73	HV-MC
HV	712.64	4.35	MC-HV
TW	716.99	3.03	HV-TW
HV	720.02	1.01	TW-HV
MC	721.03	3.9	HV-MC
TW	724.93	5.47	MC-TW
TW	730.4	7.86	TW-TW
COM	738.26	3.38	TW-COM
CAR	741.64	3.42	COM-CAR
TW	745.06	8.43	CAR-TW
HV	753.49	2.44	TW-HV
COM	755.93	6.8	HV-COM
HV	762.73	4.58	COM-HV
TW	767.31	1.21	HV-TW
TW	768.52	7.21	TW-TW
COM	775.73	5.11	TW-COM
MC	780.84	2.26	COM-MC
HV	783.1	1.05	MC-HV
CAR	784.15	4.02	HV-CAR
TW	788.17	4.18	CAR-TW
TW	792.35	3.78	TW-TW
TW	796.13	2.05	TW-TW
CAR	798.18	2.21	TW-CAR
TW	800.39	6.61	CAR-TW
MC	807	2.57	TW-MC
TW	809.57	0.52	MC-TW
MC	810.09	3.31	TW-MC
CAR	813.4	0.88	MC-CAR
TW	814.28	4.54	CAR-TW
HV	818.82	4.53	TW-HV
MC	823.35	0.67	HV-MC
COM	824.02	0.71	MC-COM
COM	824.73	1.85	COM-COM
MC	826.58	5.95	COM-MC
COM	832.53	0.88	MC-COM
TW	833.41	3.02	COM-TW
MC	836.43	3.47	TW-MC
TW	839.9	5.34	MC-TW
TW	845.24	2.38	TW-TW
CAR	847.62	6.22	TW-CAR
TW	853.84	2.32	CAR-TW
HV	856.16	2.71	TW-HV
CAR	858.87	2.67	HV-CAR
TW	861.54	4.67	CAR-TW
CAR	866.21	2.32	TW-CAR
COM	868.53	1.75	CAR-COM
TW	870.28	5.18	COM-TW
MC	875.46	2.78	TW-MC
COM	878.24	4.11	MC-COM
CAR	882.35	3.16	COM-CAR
COM	885.51	2.44	CAR-COM
MC	887.95	2.47	COM-MC
HV	890.42	3.01	MC-HV
CAR	893.43	1.91	HV-CAR
HV	895.34	1.48	CAR-HV
HV	896.82	1.58	HV-HV
COM	898.4	0.96	HV-COM
TW	899.36		COM-TW

COM	419.76	3.84	HV-COM
TW	423.6	7.3	COM-TW
COM	430.9	0.79	TW-COM
HV	431.69	2.09	COM-HV
COM	433.78	2.47	HV-COM
COM	436.25	3.19	COM-COM
CAR	439.44	0.64	COM-CAR
CAR	440.08	5.49	CAR-CAR
COM	445.57	1.35	CAR-COM
COM	446.92	1.39	COM-COM
COM	448.31	5.37	COM-COM
TW	453.68	2.56	COM-TW
MC	456.24	4.03	TW-MC
COM	460.27	1.69	MC-COM
HV	461.96	4.85	COM-HV
MC	466.81	3.14	HV-MC
CAR	469.95	0.93	MC-CAR
TW	470.88	5.09	CAR-TW
MC	475.97	4.16	TW-MC
TW	480.13	2.72	MC-TW
TW	482.85	3.89	TW-TW
TW	486.74	5.23	TW-TW
TW	491.97	1.08	TW-TW
MC	493.05	5.04	TW-MC
TW	498.09	3.59	MC-TW
CAR	501.68	3.06	TW-CAR
COM	504.74	2.29	CAR-COM
HV	507.03	3.63	COM-HV
MC	510.66	0.65	HV-MC
COM	511.31	1.48	MC-COM
MC	512.79	1.65	COM-MC
HV	514.44	2.33	MC-HV
COM	516.77	1.46	HV-COM
MC	518.23	0.13	COM-MC
COM	518.36	2.55	MC-COM
COM	520.91	2.7	COM-COM
HV	523.61	0.95	COM-HV
TW	524.56	0.53	HV-TW
HV	525.09	2.23	TW-HV
COM	527.32	1.57	HV-COM
COM	528.89	2.49	COM-COM
CAR	531.38	4.7	COM-CAR
HV	536.08	4.43	CAR-HV
TW	540.51	0.91	HV-TW
HV	541.42	1.97	TW-HV
HV	543.39	2.12	HV-HV
HV	545.51	4	HV-HV
HV	549.51	3.65	HV-HV
COM	553.16	1.85	HV-COM
CAR	555.01	8.49	COM-CAR
CAR	563.5	3.41	CAR-CAR
TW	566.91	5.8	CAR-TW
CAR	572.71	1.77	TW-CAR
TW	574.48	3.11	CAR-TW
TW	577.59	1.17	TW-TW
TW	578.76	2.09	TW-TW
HV	580.85	3.95	TW-HV
HV	584.8	1.59	HV-HV
HV	586.39	2.75	HV-HV
COM	589.14	1.51	HV-COM
TW	590.65	2.34	COM-TW
MC	592.99	0.6	TW-MC
HV	593.59	4.08	MC-HV
TW	597.67	0.64	HV-TW
MC	598.31	4.9	TW-MC
CAR	603.21	0.85	MC-CAR
HV	604.06	0.71	CAR-HV
TW	604.77	2.79	HV-TW
TW	607.56	3.65	TW-TW
COM	611.21	2.01	TW-COM
HV	613.22	3.75	COM-HV
CAR	616.97	0.53	HV-CAR
MC	617.5	6.3	CAR-MC
CAR	623.8	2.43	MC-CAR
TW	626.23	5.05	CAR-TW
TW	631.28	5.58	TW-TW
COM	636.86	4.55	TW-COM
TW	641.41	2.53	COM-TW
MC	643.94	1.25	TW-MC
HV	645.19	3.2	MC-HV
TW	648.39	4.78	HV-TW
MC	653.17	4.09	TW-MC
MC	657.26	3.54	MC-MC
CAR	660.8	0.98	MC-CAR
MC	661.78	2	CAR-MC
COM	663.78	1.53	MC-COM
COM	665.31	0.64	COM-COM
COM	665.95	3.9	COM-COM
MC	669.85	3.12	COM-MC
COM	672.97	1.67	MC-COM
TW	674.64	0.38	COM-TW
COM	675.02	2.19	TW-COM
CAR	677.21	0.5	COM-CAR
HV	677.71	1.95	CAR-HV
MC	679.66	4.37	HV-MC
COM	684.03	2.29	MC-COM
TW	686.32	2.12	COM-TW
COM	688.44	4.01	TW-COM
CAR	692.45	5	COM-CAR
TW	697.45	3.76	CAR-TW
HV	701.21	3.66	TW-HV
TW	704.87	2.05	HV-TW
COM	706.92	2.28	TW-COM
COM	709.2	2.68	COM-COM
CAR	711.88	1.62	COM-CAR
COM	713.5	3.73	CAR-COM
CAR	717.23	2.25	COM-CAR
MC	719.48	1.63	CAR-MC
HV	721.11	1.21	MC-HV
MC	722.32	2.99	HV-MC
CAR	725.31	3.39	MC-CAR
COM	728.7	6.05	CAR-COM
HV	734.75	2.59	COM-HV
TW	737.34	2.33	HV-TW
TW	739.67	1.08	TW-TW
CAR	740.75	3.07	TW-CAR
HV	743.82	4.21	CAR-HV
CAR	748.03	5.17	HV-CAR
CAR	753.2	1.72	CAR-CAR
MC	754.92	2.95	CAR-MC
TW	757.87	1.9	MC-TW
CAR	759.77	1.61	TW-CAR
MC	761.38	2.04	CAR-MC
COM	763.42	2	MC-COM
MC	765.42	6.44	COM-MC
MC	771.86	5.1	MC-MC
MC	776.96	3.75	MC-MC
MC	780.71	1.85	MC-MC
MC	782.56	3.63	MC-MC
HV	786.19	2.28	MC-HV
COM	788.47	3.02	HV-COM
HV	791.49	0.88	COM-HV
COM	792.37	3.78	HV-COM
HV	796.15	5.36	COM-HV
CAR	801.51	5.03	HV-CAR
HV	806.54	10.8	CAR-HV
CAR	817.34	6.2	HV-CAR
CAR	823.54	1.12	CAR-CAR
MC	824.66	4.77	CAR-MC
TW	829.43	3.13	MC-TW
COM	832.56	1.81	TW-COM
HV	834.37	2.53	COM-HV
HV	836.9	3.37	HV-HV
COM	840.27	1.55	HV-COM
MC	841.82	0.79	COM-MC
MC	842.61	4.02	MC-MC
HV	846.63	3.24	MC-HV
HV	849.87	3.13	HV-HV
HV	853	3.75	HV-HV
MC	856.75	5.56	HV-MC
HV	862.31	3.39	MC-HV
MC	865.7	2.01	HV-MC
TW	867.71	2.43	MC-TW
COM	870.14	3.08	TW-COM
CAR	873.22	3.75	COM-CAR
CAR	876.97	4.24	CAR-CAR
COM	881.21		CAR-COM

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	AB-042 Road	Vehicle summary	
From	Gatabe	MC	60
To	Kandy	TW	52
Side	RHS	CAR	54
Lane	Inner	COM	55
Video name	9000	HV	58
Time started	7:15 AM	SUM	279
Time finished	7:30 AM		
Traffic count (15Min)	279	Veh	
Traffic flow rate	1116	Veh/hr	

		Headway (Sec)	Pairwise
MC	0	5.45	
COM	5.45	8.05	MC-COM
MC	13.5	0.62	COM-MC
MC	14.12	2.93	MC-MC
COM	17.05	5.2	MC-COM
TW	22.25	3.33	COM-TW
HV	25.58	4.1	TW-HV
COM	29.68	4.45	HV-COM
CAR	34.13	5.27	COM-CAR
COM	39.4	1.2	CAR-COM
HV	40.6	6.2	COM-HV
MC	46.8	4	HV-MC
MC	50.8	4.55	MC-MC
MC	55.35	1.49	MC-MC
TW	56.84	2.74	MC-TW
HV	59.58	4.67	TW-HV
CAR	64.25	2.42	HV-CAR
MC	66.67	6.61	CAR-MC
MC	73.28	2.55	MC-MC
COM	75.83	1.73	MC-COM
CAR	77.56	1.66	COM-CAR
TW	79.22	4.24	CAR-TW
COM	83.46	3.87	TW-COM
HV	87.33	3.21	COM-HV
COM	90.54	3.81	HV-COM
TW	94.35	1.12	COM-TW
MC	95.47	4.46	TW-MC
COM	99.93	5.71	MC-COM
CAR	105.64	2.76	COM-CAR
COM	108.4	5.17	CAR-COM
TW	113.57	2.07	COM-TW
CAR	115.64	1.76	TW-CAR
TW	117.4	2.56	CAR-TW
MC	119.96	4.15	TW-MC
MC	124.11	3.27	MC-MC
HV	127.38	0.8	MC-HV
COM	128.18	3.72	HV-COM
COM	131.9	5.01	COM-COM
COM	136.91	6.99	COM-COM
MC	143.9	1.79	COM-MC
HV	145.69	2.59	MC-HV
MC	148.28	4.96	HV-MC
HV	153.24	4.05	MC-HV
COM	157.29	4	HV-COM
COM	161.29	4.26	COM-COM
CAR	165.55	3.67	COM-CAR
COM	169.22	6.38	CAR-COM
COM	175.6	2.4	COM-COM
TW	178	2.7	COM-TW
COM	180.7	1.81	TW-COM
CAR	182.51	2.02	COM-CAR
CAR	184.53	5.77	CAR-CAR
COM	190.3	1.07	CAR-COM
COM	191.37	3.3	COM-COM
HV	194.67	2.17	COM-HV
CAR	196.84	2.58	HV-CAR
TW	199.42	2.82	CAR-TW
CAR	202.24	3.37	TW-CAR
HV	205.61	1.54	CAR-HV
MC	207.15	3.02	HV-MC
COM	210.17	7.48	MC-COM
MC	217.65	4.01	COM-MC
CAR	221.66	0.46	MC-CAR
COM	222.12	2.94	CAR-COM
TW	225.06	2.38	COM-TW
TW	227.44	3.13	TW-TW
HV	230.57	1.59	TW-HV
MC	232.16	2.26	HV-MC
HV	234.42	4.85	MC-HV
COM	239.27	2.53	HV-COM
HV	241.8	0.69	COM-HV
MC	242.49	7.1	HV-MC
CAR	249.59	1.14	MC-CAR
HV	250.73	1.01	CAR-HV
CAR	251.74	6.39	HV-CAR
MC	258.13	2.79	CAR-MC
MC	260.92	2.41	MC-MC
CAR	263.33	3.27	MC-CAR
MC	266.6	3.95	CAR-MC
COM	270.55	4.03	MC-COM
TW	274.58	4.11	COM-TW
HV	278.69	0.66	TW-HV
HV	279.35	4.17	HV-HV
MC	283.52	2.75	HV-MC
COM	286.27	5.45	MC-COM
TW	291.72	1.36	COM-TW
HV	293.08	2.25	TW-HV
CAR	295.33	2.15	HV-CAR
HV	297.48	5.07	CAR-HV
MC	302.55	1.4	HV-MC
CAR	303.95	1.46	MC-CAR
TW	305.41	1.22	CAR-TW
COM	306.63	4.95	TW-COM
COM	311.58	2.69	COM-COM
CAR	314.27	1.54	COM-CAR
COM	315.81	1.23	CAR-COM
HV	317.04	5.5	COM-HV
MC	322.54	1.02	HV-MC
CAR	323.56	3.89	MC-CAR
TW	327.45	2.1	CAR-TW
HV	329.55	1.12	TW-HV
HV	330.67	1.18	HV-HV
MC	331.85	12.1	HV-MC
CAR	343.95	2.11	MC-CAR
COM	346.06	2.02	CAR-COM
HV	348.08	1.86	COM-HV
TW	349.94	5.81	HV-TW
CAR	355.75	2.98	TW-CAR
HV	358.73	3.62	CAR-HV
COM	362.35	6.67	HV-COM
CAR	369.02	2.33	COM-CAR
HV	371.35	1.9	CAR-HV
COM	373.25	2.04	HV-COM
HV	375.29	2.36	COM-HV
HV	377.65	5	HV-HV
CAR	382.65	5.48	HV-CAR
MC	388.13	1.66	CAR-MC
HV	389.79	1.17	MC-HV
COM	390.96	4.57	HV-COM
MC	395.53	3.88	COM-MC
CAR	399.41	1.78	MC-CAR
MC	401.19	3.9	CAR-MC
TW	405.09	1.56	MC-TW
CAR	406.65	6.54	TW-CAR
CAR	413.19	2.89	CAR-CAR
CAR	416.08	3.87	CAR-CAR
MC	419.95	3.4	CAR-MC
TW	423.35	2.51	MC-TW
HV	425.86	4.49	TW-HV
CAR	430.35	1.25	HV-CAR
HV	431.6	3.92	CAR-HV
HV	435.52	7.93	HV-HV
HV	443.45	4.39	HV-HV
TW	447.84	3.86	HV-TW
TW	451.7	1.62	TW-TW
HV	453.32	2.78	TW-HV
COM	456.1	0.99	HV-COM
MC	457.09	2.69	COM-MC

Road Name	AB-042 Road	Vehicle summary	
From	Gatabe	MC	45
To	Kandy	TW	63
Side	RHS	CAR	57
Lane	Inner	COM	68
Video name	9300	HV	64
Time started	7:30 AM	SUM	297
Time finished	7:45 AM		
Traffic count (15Min)	297	Veh	
Traffic flow rate	1188	Veh/hr	

		Headway (Sec)	Pairwise
TW	0	1.51	
MC	1.51	6.77	TW-MC
CAR	8.28	4.06	MC-CAR
COM	12.34	2.51	CAR-COM
TW	14.85	6.63	COM-TW
MC	21.48	3.67	TW-MC
HV	25.15	1.37	MC-HV
MC	26.52	2.38	HV-MC
HV	28.9	3.19	MC-HV
MC	32.09	5.95	HV-MC
TW	38.04	3.42	MC-TW
COM	41.46	3.39	TW-COM
HV	44.85	2.21	COM-HV
TW	47.06	1.42	HV-TW
TW	48.48	6.41	TW-TW
CAR	54.89	1.11	TW-CAR
COM	56	6.46	CAR-COM
HV	62.46	2.32	COM-HV
TW	64.78	5.21	HV-TW
HV	69.99	1.88	TW-HV
TW	71.87	5.75	HV-TW
CAR	77.62	0.85	TW-CAR
CAR	78.47	4.5	CAR-CAR
CAR	82.97	8.87	CAR-CAR
MC	91.84	2.45	CAR-MC
HV	94.29	3.84	MC-HV
MC	98.13	0.78	HV-MC
HV	98.91	5.04	MC-HV
HV	103.95	4.93	HV-HV
CAR	108.88	2.76	HV-CAR
MC	111.64	5.22	CAR-MC
MC	116.86	2.6	MC-MC
MC	119.46	4.06	MC-MC
CAR	123.52	5.99	MC-CAR
HV	129.51	0.29	CAR-HV
TW	129.8	2.91	HV-TW
TW	132.71	1.63	TW-TW
HV	134.34	1.49	TW-HV
CAR	135.83	4.07	HV-CAR
CAR	139.9	0.98	CAR-CAR
TW	140.88	2.01	CAR-TW
COM	142.89	2.15	TW-COM
TW	145.04	0.3	COM-TW
CAR	145.34	2.38	TW-CAR
CAR	147.72	6.13	CAR-CAR
MC	153.85	0.79	CAR-MC
COM	154.64	2.55	MC-COM
CAR	157.19	3.6	COM-CAR
CAR	160.79	0.37	CAR-CAR
COM	161.16	0.59	CAR-COM
TW	161.75	2.74	COM-TW
COM	164.49	3.54	TW-COM
COM	168.03	4.64	COM-COM
COM	172.67	2.34	COM-COM
CAR	175.01	2.48	COM-CAR
TW	177.49	5.33	CAR-TW
CAR	182.82	6.21	TW-CAR
COM	189.03	4.2	CAR-COM
MC	193.23	3.68	COM-MC
COM	196.91	5.78	MC-COM
HV	202.69	1.53	COM-HV
COM	204.22	1.61	HV-COM
CAR	205.83	5.06	COM-CAR
MC	210.89	1.33	CAR-MC
CAR	212.22	2.85	MC-CAR
CAR	215.07	2.71	CAR-CAR
MC	217.78	2.06	CAR-MC
TW	219.84	1.88	MC-TW
COM	221.72	2.46	TW-COM
COM	224.18	3.03	COM-COM
COM	227.21	1.55	COM-COM
HV	228.76	0.98	COM-HV
COM	229.74	1.53	HV-COM
CAR	231.27	1.5	COM-CAR
CAR	232.77	2	CAR-CAR
TW	234.77	2.47	CAR-TW
MC	237.24	2.48	TW-MC
COM	239.72	1.2	MC-COM
COM	240.92	0.47	COM-COM
CAR	241.39	1.08	COM-CAR
CAR	242.47	3.54	CAR-CAR
TW	246.01	1.29	CAR-TW
COM	247.3	1.62	TW-COM
COM	248.92	7.88	COM-COM
COM	256.8	0.7	COM-COM
CAR	257.5	2.05	COM-CAR
TW	259.55	3.39	CAR-TW
HV	262.94	1.75	TW-HV
TW	264.69	6.05	HV-TW
MC	270.74	2.51	TW-MC
HV	273.25	3.73	MC-HV
COM	276.98	1.53	HV-COM
HV	278.51	6.12	COM-HV
TW	284.63	3.61	HV-TW
MC	288.24	5.02	TW-MC
CAR	293.26	4.2	MC-CAR
HV	297.46	1	CAR-HV
HV	298.46	5.04	HV-HV
HV	303.5	1.76	HV-HV
COM	305.26	0.55	HV-COM
COM	305.81	1.86	COM-COM
HV	307.67	3.06	COM-HV
CAR	310.73	3.5	HV-CAR
MC	314.23	5.64	CAR-MC
TW	319.87	2.56	MC-TW
COM	322.43	2.43	TW-COM
TW	324.86	1.59	COM-TW
CAR	326.45	4.08	TW-CAR
HV	330.53	3.18	CAR-HV
MC	333.71	3.71	HV-MC
TW	337.42	2.82	MC-TW
HV	340.24	0.79	TW-HV
CAR	341.03	4.71	HV-CAR
HV	345.74	3.55	CAR-HV
COM	349.29	2.2	HV-COM
MC	351.49	1.37	COM-MC
CAR	352.86	2.91	MC-CAR
TW	355.77	0.6	CAR-TW
CAR	356.37	5.49	TW-CAR
TW	361.86	0.66	CAR-TW
CAR	362.52	3.61	TW-CAR
CAR	366.13	2.94	CAR-CAR
HV	369.07	1.31	CAR-HV
COM	370.38	5.49	HV-COM
HV	375.87	5.45	COM-HV
COM	381.32	9.61	HV-COM
COM	390.93	3.19	COM-COM
HV	394.12	4.28	COM-HV
HV	398.4	3.32	HV-HV
COM	401.72	1.23	HV-COM
COM	402.95	5.23	COM-COM
HV	408.18	1.22	COM-HV
CAR	409.4	2.72	HV-CAR
TW	412.12	6.66	CAR-TW
MC	418.78	1.46	TW-MC
TW	420.24	5.08	MC-TW
MC	425.32	3.31	TW-MC
HV	428.63	2.2	MC-HV

Road Name	AB-042 Road	Vehicle summary	
From	Gatabe	MC	63
To	Kandy	TW	57
Side	RHS	CAR	65
Lane	Inner	COM	53
Video name	9600	HV	60
Time started	8:30 AM	SUM	298
Time finished	8:45 AM		
Traffic count (15Min)	298	Veh	
Traffic flow rate	1192	Veh/hr	

		Headway (Sec)	Pairwise
HV	0	2.36	
TW	2.36	2.78	HV-TW
CAR	5.14	1.21	TW-CAR
TW	6.35	3.01	CAR-TW
HV	9.36	2.08	TW-HV
COM	11.44	2.42	HV-COM
COM	13.86	1.31	COM-COM
MC	15.17	3.95	COM-MC
TW	19.12	1.1	MC-TW
TW	20.22	6.05	TW-TW
COM	26.27	5.01	TW-COM
CAR	31.28	5.06	COM-CAR
MC	36.34	4.62	CAR-MC
TW	40.96	0.58	MC-TW
CAR	41.54	2.93	TW-CAR
MC	44.47	3.8	CAR-MC
TW	48.27	0.88	MC-TW
TW	49.15	1.37	TW-TW
HV	50.52	3	TW-HV
HV	53.52	4.92	HV-HV
CAR	58.44	1.3	HV-CAR
MC	59.74	4.4	CAR-MC
COM	64.14	1.37	MC-COM
COM	65.51	2.33	COM-COM
HV	67.84	0.94	COM-HV
MC	68.78	3.81	HV-MC
TW	72.59	0.45	MC-TW
COM	73.04	5.23	TW-COM
MC	78.27	1.66	COM-MC
MC	79.93	2.45	MC-MC
TW	82.38	4.4	MC-TW
TW	86.78	1.78	TW-TW
CAR	88.56	4.93	TW-CAR
MC	93.49	0.84	CAR-MC
TW	94.33	5.29	MC-TW
HV	99.62	2.73	TW-HV
HV	102.35	3.67	HV-HV
HV	106.02	5.31	HV-HV
COM	111.33	3.56	HV-COM
MC	114.89	2.06	COM-MC
HV	116.95	1	MC-HV
MC	117.95	9.04	HV-MC
COM	126.99	1.68	MC-COM
CAR	128.67	0.83	COM-CAR
CAR	129.5	0.99	CAR-CAR
TW	130.49	4.29	CAR-TW
CAR	134.78	4.3	TW-CAR
COM	139.08	3.12	CAR-COM
CAR	142.2	2.82	COM-CAR
CAR	145.02	1.98	CAR-CAR
MC	147	2.34	CAR-MC
HV	149.34	4.62	MC-HV
CAR	153.96	4.65	HV-CAR
TW	158.61	0.82	CAR-TW
MC	159.43	4.58	TW-MC
MC	164.01	2.53	MC-MC
CAR	166.54	2.38	MC-CAR
HV	168.92	1.22	CAR-HV
MC	170.14	0.67	HV-MC
TW	170.81	4.23	MC-TW
COM	175.04	3.93	TW-COM
CAR	178.97	3.42	COM-CAR
MC	182.39	3.56	CAR-MC
COM	185.95	5.25	MC-COM
CAR	191.2	1.16	COM-CAR
CAR	192.36	3.93	CAR-CAR
HV	196.29	6.3	CAR-HV
CAR	202.59	1.86	HV-CAR
HV	204.45	5.4	CAR-HV
HV	209.85	5.77	HV-HV
MC	215.62	3.27	HV-MC
HV	218.89	2.68	MC-HV
MC	221.57	7.46	HV-MC
CAR	229.03	2.29	MC-CAR
HV	231.32	1.03	CAR-HV
MC	232.35	2.23	HV-MC
MC	234.58	5.24	MC-MC
COM	239.82	2.38	MC-COM
COM	242.2	5.45	COM-COM
HV	247.65	3.33	COM-HV
TW	250.98	1.82	HV-TW
CAR	252.8	2.91	TW-CAR
MC	255.71	3.84	CAR-MC
CAR	259.55	1.16	MC-CAR
HV	260.71	1.99	CAR-HV
COM	262.7	5.18	HV-COM
HV	267.88	3.5	COM-HV
MC	271.38	0.77	HV-MC
CAR	272.15	2.49	MC-CAR
TW	274.64	2.56	CAR-TW
CAR	277.2	5.2	TW-CAR
COM	282.4	5.21	CAR-COM
COM	287.61	3.15	COM-COM
TW	290.76	6.97	COM-TW
CAR	297.73	3.1	TW-CAR
TW	300.83	0.8	CAR-TW
COM	301.63	4.68	TW-COM
HV	306.31	7.76	COM-HV
HV	314.07	2.7	HV-HV
COM	316.77	5.55	HV-COM
COM	322.32	2.76	COM-COM
MC	325.08	2.17	COM-MC
MC	327.25	2.32	MC-MC
MC	329.57	1.33	MC-MC
COM	330.9	3.43	MC-COM
HV	334.33	1.62	COM-HV
MC	335.95	1.95	HV-MC
TW	337.9	3.47	MC-TW
MC	341.37	4.96	TW-MC
CAR	346.33	1.3	MC-CAR
COM	347.63	2.76	CAR-COM
MC	350.39	2.15	COM-MC
HV	352.54	1.03	MC-HV
HV	353.57	2.5	HV-HV
TW	356.07	1.11	HV-TW
CAR	357.18	3.56	TW-CAR
COM	360.74	4.68	CAR-COM
TW	365.42	3.26	COM-TW
TW	368.68	0.43	TW-TW
CAR	369.11	3.36	TW-CAR
CAR	372.47	1.2	CAR-CAR
TW	373.67	4.14	CAR-TW
CAR	377.81	4.45	TW-CAR
TW	382.26	0.69	CAR-TW
COM	382.95	5	TW-COM
MC	387.95	2.27	COM-MC
HV	390.22	4.19	MC-HV
HV	394.41	2.81	HV-HV
HV	397.22	2.9	HV-HV
MC	400.12	2.21	HV-MC
HV	402.33	1.96	MC-HV
CAR	404.29	4.95	HV-CAR
COM	409.24	1.42	CAR-COM
HV	410.66	2.31	COM-HV
HV	412.97	3.01	HV-HV
HV	415.98	0.98	HV-HV
COM	416.96	2.91	HV-COM
COM	419.87	5.36	COM-COM

MC	459.78	2.37	MC-MC
TW	462.15	1.86	MC-TW
TW	464.01	1.79	TW-TW
CAR	465.8	3.91	TW-CAR
MC	469.71	4.26	CAR-MC
HV	473.97	1.9	MC-HV
HV	475.87	1.95	HV-HV
COM	477.82	1.14	HV-COM
CAR	478.96	4.22	COM-CAR
CAR	483.18	1	CAR-CAR
TW	484.18	1.53	CAR-TW
HV	485.71	0.38	TW-HV
MC	486.09	1.19	HV-MC
COM	487.28	2.8	MC-COM
COM	490.08	1.93	COM-COM
HV	492.01	1.73	COM-HV
HV	493.74	0.42	HV-HV
COM	494.16	4.95	HV-COM
CAR	499.11	1.52	COM-CAR
TW	500.63	1.44	CAR-TW
CAR	502.07	1.69	TW-CAR
HV	503.76	5.99	CAR-HV
HV	509.75	1.58	HV-HV
CAR	511.33	2.15	HV-CAR
COM	513.48	4.17	CAR-COM
MC	517.65	2.87	COM-MC
MC	520.52	1.94	MC-MC
COM	522.46	4.07	MC-COM
HV	526.53	1.82	COM-HV
TW	528.35	4.38	HV-TW
MC	532.73	2.06	TW-MC
TW	534.79	4.07	MC-TW
CAR	538.86	2.23	TW-CAR
CAR	541.09	5.01	CAR-CAR
MC	546.1	1.78	CAR-MC
COM	547.88	2.07	MC-COM
TW	549.95	2.02	COM-TW
MC	551.97	3.34	TW-MC
TW	555.31	4.83	MC-TW
TW	560.14	3.75	TW-TW
COM	563.89	1.17	TW-COM
MC	565.06	3.73	COM-MC
HV	568.79	5.64	MC-HV
MC	574.43	2.74	HV-MC
MC	577.17	2.58	MC-MC
CAR	579.75	2.9	MC-CAR
CAR	582.65	3.68	CAR-CAR
CAR	586.33	2.73	CAR-CAR
TW	589.06	2.42	CAR-TW
TW	591.48	6.52	TW-TW
HV	598	1.95	TW-HV
COM	599.95	2.89	HV-COM
MC	602.84	3.01	COM-MC
TW	605.85	1.39	MC-TW
COM	607.24	6.45	TW-COM
CAR	613.69	4.95	COM-CAR
CAR	618.64	1.51	CAR-CAR
CAR	620.15	3.82	CAR-CAR
MC	623.97	2.22	CAR-MC
COM	626.19	7.13	MC-COM
COM	633.32	2.33	COM-COM
COM	635.65	1.78	COM-COM
TW	637.43	3.71	COM-TW
COM	641.14	4.35	TW-COM
HV	645.49	1.56	COM-HV
TW	647.05	2.86	HV-TW
MC	649.91	6.43	TW-MC
TW	656.34	4.71	MC-TW
TW	661.05	2.58	TW-TW
HV	663.63	2.97	TW-HV
COM	666.6	1.34	HV-COM
TW	667.94	4.88	COM-TW
MC	672.82	1.82	TW-MC
CAR	674.64	2.66	MC-CAR
TW	677.3	2.69	CAR-TW
COM	679.99	1.09	TW-COM
MC	681.08	2.58	COM-MC
CAR	683.66	5.83	MC-CAR
TW	689.49	2.26	CAR-TW
HV	691.75	2.11	TW-HV
CAR	693.86	4.5	HV-CAR
HV	698.36	4.63	CAR-HV
COM	702.99	4.93	HV-COM
MC	707.92	4.21	COM-MC
TW	712.13	2.45	MC-TW
HV	714.58	1.13	TW-HV
TW	715.71	4.26	HV-TW
TW	719.97	2.03	TW-TW
HV	722	3.48	TW-HV
COM	725.48	2.11	HV-COM
MC	727.59	2.07	COM-MC
MC	729.66	3.12	MC-MC
HV	732.78	1.54	MC-HV
TW	734.32	3.18	HV-TW
TW	737.5	5.71	TW-TW
COM	743.21	0.69	TW-COM
TW	743.9	0.81	COM-TW
CAR	744.71	3.52	TW-CAR
CAR	748.23	2.02	CAR-CAR
CAR	750.25	2.47	CAR-CAR
MC	752.72	8.01	CAR-MC
MC	760.73	1.66	MC-MC
HV	762.39	3.34	MC-HV
TW	765.73	3.44	HV-TW
MC	769.17	4.58	TW-MC
HV	773.75	2.57	MC-HV
TW	776.32	3.79	HV-TW
CAR	780.11	4.4	TW-CAR
CAR	784.51	2.4	CAR-CAR
COM	786.91	3.61	CAR-COM
TW	790.52	7.12	COM-TW
HV	797.64	0.83	TW-HV
TW	798.47	2.4	HV-TW
COM	800.87	0.96	TW-COM
TW	801.83	1.91	COM-TW
TW	803.74	2.87	TW-TW
COM	806.61	3.14	TW-COM
MC	809.75	6.37	COM-MC
HV	816.12	0.98	MC-HV
MC	817.1	2.34	HV-MC
MC	819.44	2.77	MC-MC
COM	822.21	1.7	MC-COM
CAR	823.91	2.43	COM-CAR
MC	826.34	2.79	CAR-MC
CAR	829.13	5.31	MC-CAR
CAR	834.44	3.22	CAR-CAR
HV	837.66	3.97	CAR-HV
MC	841.63	2.99	HV-MC
HV	844.62	3.57	MC-HV
TW	848.19	4.12	HV-TW
MC	852.31	5.62	TW-MC
HV	857.93	2.61	MC-HV
CAR	860.54	2.62	HV-CAR
HV	863.16	4.27	CAR-HV
TW	867.43	0.34	HV-TW
MC	867.77	0.84	TW-MC
MC	868.61	2.72	MC-MC
CAR	871.33	7.15	MC-CAR
HV	878.48	3.71	CAR-HV
HV	882.19	4.02	HV-HV
MC	886.21		HV-MC

MC	430.83	3.96	HV-MC
TW	434.79	1.16	MC-TW
HV	435.95	1.88	TW-HV
TW	437.83	1.32	HV-TW
TW	439.15	1.97	TW-TW
MC	441.12	2.51	TW-MC
COM	443.63	5.95	MC-COM
TW	449.58	1.89	COM-TW
MC	451.47	2.56	TW-MC
CAR	454.03	2.94	MC-CAR
TW	456.97	2.6	CAR-TW
HV	459.57	8.33	TW-HV
TW	467.9	1.42	HV-TW
HV	469.32	2.18	TW-HV
COM	471.5	4.31	HV-COM
HV	475.81	4.15	COM-HV
MC	479.96	4.67	HV-MC
CAR	484.63	1.46	MC-CAR
TW	486.09	0.38	CAR-TW
TW	486.47	2.66	TW-TW
HV	489.13	1.17	TW-HV
HV	490.3	1.79	HV-HV
TW	492.09	2.31	HV-TW
CAR	494.4	2.15	TW-CAR
HV	496.55	9.76	CAR-HV
CAR	506.31	1.95	HV-CAR
MC	508.26	3.6	CAR-MC
TW	511.86	1.02	MC-TW
COM	512.88	5.55	TW-COM
COM	518.43	2.6	COM-COM
CAR	521.03	1.15	COM-CAR
COM	522.18	6.73	CAR-COM
MC	528.91	1.39	COM-MC
HV	530.3	2.49	MC-HV
CAR	532.79	2.61	HV-CAR
MC	535.4	1.51	CAR-MC
HV	536.91	3.28	MC-HV
HV	540.19	4.07	HV-HV
TW	544.26	1.73	HV-TW
MC	545.99	4.41	TW-MC
HV	550.4	2.23	MC-HV
MC	552.63	2.76	HV-MC
TW	555.39	2.3	MC-TW
CAR	557.69	0.96	TW-CAR
COM	558.65	1.44	CAR-COM
COM	560.09	2.14	COM-COM
COM	562.23	1.23	COM-COM
MC	563.46	3.51	COM-MC
COM	566.97	2.84	MC-COM
TW	569.81	5.08	COM-TW
HV	574.89	9.35	TW-HV
HV	584.24	5.12	HV-HV
CAR	589.36	4.12	HV-CAR
TW	593.48	2.58	CAR-TW
COM	596.06	6.56	TW-COM
COM	602.62	3.27	COM-COM
MC	605.89	8.41	COM-MC
HV	614.3	3.7	MC-HV
HV	618	3.98	HV-HV
COM	621.98	3.2	HV-COM
HV	625.18	3.44	COM-HV
MC	628.62	3.13	HV-MC
TW	631.75	2.61	MC-TW
HV	634.36	0.88	TW-HV
TW	635.24	2.17	HV-TW
HV	637.41	3.13	TW-HV
CAR	640.54	3.47	HV-CAR
COM	644.01	1.24	CAR-COM
HV	645.25	1.68	COM-HV
TW	646.93	1.76	HV-TW
COM	648.69	6.07	TW-COM
HV	654.76	2.13	COM-HV
MC	656.89	2.95	HV-MC
HV	659.84	6.42	MC-HV
MC	666.26	2.27	HV-MC
COM	668.53	3.24	MC-COM
HV	671.77	3.59	COM-HV
COM	675.36	2.15	HV-COM
COM	677.51	3	COM-COM
HV	680.51	1.72	COM-HV
CAR	682.23	3.85	HV-CAR
TW	686.08	2.32	CAR-TW
COM	688.4	0.56	TW-COM
CAR	688.96	3.45	COM-CAR
COM	692.41	2.25	CAR-COM
HV	694.66	4.41	COM-HV
HV	699.07	3.69	HV-HV
TW	702.76	9.02	HV-TW
CAR	711.78	4.29	TW-CAR
CAR	716.07	1.13	CAR-CAR
CAR	717.2	1.9	CAR-CAR
COM	719.1	2.19	CAR-COM
COM	721.29	3.97	COM-COM
MC	725.26	2.57	COM-MC
TW	727.83	3.9	MC-TW
CAR	731.73	0.81	TW-CAR
COM	732.54	4	CAR-COM
HV	736.54	0.94	COM-HV
HV	737.48	5.71	HV-HV
HV	743.19	4.75	HV-HV
TW	747.94	1.53	HV-TW
TW	749.47	2.87	TW-TW
TW	752.34	1.91	TW-TW
TW	754.25	3.37	TW-TW
COM	757.62	4.34	TW-COM
HV	761.96	2.65	COM-HV
CAR	764.61	1.71	HV-CAR
COM	766.32	2.69	CAR-COM
MC	769.01	1.77	COM-MC
TW	770.78	3.38	MC-TW
CAR	774.16	0.63	TW-CAR
CAR	774.79	1.14	CAR-CAR
TW	775.93	0.3	CAR-TW
TW	776.23	2.85	TW-TW
COM	779.08	5.47	TW-COM
COM	784.55	2.69	COM-COM
TW	787.24	2.9	COM-TW
HV	790.14	1.77	TW-HV
CAR	791.91	4.64	HV-CAR
TW	796.55	2.83	CAR-TW
HV	799.38	1.96	TW-HV
CAR	801.34	1.88	HV-CAR
TW	803.22	3.86	CAR-TW
TW	807.08	2.16	TW-TW
MC	809.24	0.69	TW-MC
MC	809.93	1.71	MC-MC
COM	811.64	4.68	MC-COM
MC	816.32	1.4	COM-MC
HV	817.72	0.73	MC-HV
CAR	818.45	2.83	HV-CAR
COM	821.28	4.05	CAR-COM
COM	825.33	4.12	COM-COM
TW	829.45	1.63	COM-TW
MC	831.08	2.39	TW-MC
TW	833.47	2.68	MC-TW
CAR	836.15	3.54	TW-CAR
HV	839.69	3.16	CAR-HV
HV	842.85	2.45	HV-HV
COM	845.3	3.63	HV-COM
COM	848.93	3.39	COM-COM
HV	852.32	2.25	COM-HV
MC	854.57	4.31	HV-MC
TW	858.88	0.93	MC-TW
TW	859.81	2.05	TW-TW
COM	861.86	0.79	TW-COM
CAR	862.65	3.44	COM-CAR
CAR	866.09	7.61	CAR-CAR
MC	873.7	1.83	CAR-MC
HV	875.53	0.61	MC-HV
TW	876.14	3.85	HV-TW
COM	879.99	11.34	TW-COM
TW	891.33	1.17	COM-TW
COM	892.5	1.55	TW-COM
COM	894.05	1.93	COM-COM
MC	895.98	1.07	COM-MC
MC	897.05	1.08	MC-MC
CAR	898.13	1.38	MC-CAR
COM	899.51	0.49	CAR-COM
COM	900		COM-COM

CAR	425.23	3.55	COM-CAR
HV	428.78	2.75	CAR-HV
TW	431.53	2.56	HV-TW
CAR	434.09	4.88	TW-CAR
TW	438.97	6.3	CAR-TW
HV	445.27	1.36	TW-HV
HV	446.63	2.79	HV-HV
HV	449.42	2.47	HV-HV
MC	451.89	3.76	HV-MC
MC	455.65	5.07	MC-MC
CAR	460.72	4.6	MC-CAR
COM	465.32	1.98	CAR-COM
TW	467.3	2.71	COM-TW
CAR	470.01	1.73	TW-CAR
COM	471.74	4.55	CAR-COM
HV	476.29	2.44	COM-HV
COM	478.73	1.4	HV-COM
CAR	480.13	4.31	COM-CAR
HV	484.44	0.97	CAR-HV
COM	485.41	0.58	HV-COM
HV	485.99	1.52	COM-HV
COM	487.51	1.41	HV-COM
HV	488.92	0.98	COM-HV
CAR	489.9	0.72	HV-CAR
CAR	490.62	1.79	CAR-CAR
CAR	492.41	4.37	CAR-CAR
TW	496.78	1.88	CAR-TW
TW	498.66	2.58	TW-TW
TW	501.24	1.23	TW-TW
COM	502.47	3.35	TW-COM
TW	505.82	1.81	COM-TW
CAR	507.63	4.13	TW-CAR
MC	511.76	0.82	CAR-MC
HV	512.58	6.11	MC-HV
HV	518.69	4.73	HV-HV
COM	523.42	2.05	HV-COM
MC	525.47	2.64	COM-MC
CAR	528.11	1.1	MC-CAR
COM	529.21	1.02	CAR-COM
HV	530.23	3.62	COM-HV
COM	533.85	3.44	HV-COM
MC	537.29	1.1	COM-MC
MC	538.39	2.65	MC-MC
TW	541.04	2.2	MC-TW
COM	543.24	0.69	TW-COM
HV	543.93	2.71	COM-HV
HV	546.64	4.43	HV-HV
TW	551.07	3.72	HV-TW
TW	554.79	2.67	TW-TW
TW	557.46	1.95	TW-TW
CAR	559.41	2	TW-CAR
CAR	561.41	1.96	CAR-CAR
TW	563.37	3.04	CAR-TW
COM	566.41	5.01	TW-COM
MC	571.42	0.92	COM-MC
TW	572.34	2.8	MC-TW
CAR	575.14	3.96	TW-CAR
CAR	579.1	4.25	CAR-CAR
HV	583.35	1.95	CAR-HV
CAR	585.3	8.95	HV-CAR
HV	594.25	4.73	CAR-HV
COM	598.98	2.51	HV-COM
HV	601.49	6.57	COM-HV
MC	608.06	2.5	HV-MC
CAR	610.56	0.23	MC-CAR
COM	610.79	1.8	CAR-COM
COM	612.59	2.49	COM-COM
CAR	615.08	4.43	COM-CAR
CAR	619.51	1.05	CAR-CAR
COM	620.56	3.3	CAR-COM
MC	623.86	3.98	COM-MC
COM	627.84	3.37	MC-COM
MC	631.21	3.79	COM-MC
HV	635	3.02	MC-HV
MC	638.02	1.83	HV-MC
TW	639.85	2.38	MC-TW
CAR	642.23	5.52	TW-CAR
MC	647.75	5.24	CAR-MC
COM	652.99	5.55	MC-COM
MC	658.54	4.28	COM-MC
COM	662.82	1.24	MC-COM
CAR	664.06	3.45	COM-CAR
TW	667.51	2.53	CAR-TW
TW	670.04	2.7	TW-TW
COM	672.74	1.04	TW-COM
COM	673.78	4.64	COM-COM
MC	678.42	1.55	COM-MC
MC	679.97	3.53	MC-MC
HV	683.5	1.74	MC-HV
MC	685.24	2.53	HV-MC
MC	687.77	1.6	MC-MC
CAR	689.37	3	MC-CAR
MC	692.37	4.6	CAR-MC
MC	696.97	1.98	MC-MC
TW	698.95	5.02	MC-TW
HV	703.97	1.65	TW-HV
CAR	705.62	3.39	HV-CAR
TW	709.01	2.71	CAR-TW
MC	711.72	3.91	TW-MC
TW	715.63	1.54	MC-TW
COM	717.17	0.54	TW-COM
MC	717.71	4.3	COM-MC
CAR	722.01	4.81	MC-CAR
MC	726.82	1.67	CAR-MC
MC	728.49	3.91	MC-MC
TW	732.4	1.7	MC-TW
HV	734.1	3.87	TW-HV
COM	737.97	3.06	HV-COM
TW	741.03	1.67	COM-TW
CAR	742.7	2.12	TW-CAR
MC	744.82	4.92	CAR-MC
COM	749.74	1.94	MC-COM
TW	751.68	3.42	COM-TW
CAR	755.1	2.34	TW-CAR
CAR	757.44	1.16	CAR-CAR
TW	758.6	3.63	CAR-TW
HV	762.23	2.61	TW-HV
HV	764.84	4.72	HV-HV
CAR	769.56	2.43	HV-CAR
MC	771.99	2.19	CAR-MC
TW	774.18	5.18	MC-TW
CAR	779.36	6.59	TW-CAR
HV	785.95	3.32	CAR-HV
CAR	789.27	4.6	HV-CAR
MC	793.87	3.83	CAR-MC
CAR	797.7	1.56	MC-CAR
MC	799.26	3.19	CAR-MC
COM	802.45	1.66	MC-COM
TW	804.11	1.46	COM-TW
MC	805.57	2.7	TW-MC
CAR	808.27	2.04	MC-CAR
TW	810.31	1.32	CAR-TW
TW	811.63	1.45	TW-TW
CAR	813.08	4.16	TW-CAR
COM	817.24	0.88	CAR-COM
MC	818.12	1.83	COM-MC
MC	819.95	2.5	MC-MC
CAR	822.45	2.29	MC-CAR
HV	824.74	2.49	CAR-HV
TW	827.23	1.24	HV-TW
CAR	828.47	1.88	TW-CAR
CAR	830.35	6.31	CAR-CAR
TW	836.66	4.8	CAR-TW
CAR	841.46	2.41	TW-CAR
TW	843.87	5.5	CAR-TW
TW	849.37	2.81	TW-TW
MC	852.18	1.48	TW-MC
MC	853.66	2.61	MC-MC
CAR	856.27	3.1	MC-CAR
TW	859.37	5.91	CAR-TW
MC	865.28	2.23	TW-MC
HV	867.51	3.26	MC-HV
COM	870.77	4.1	HV-COM
COM	874.87	2.43	COM-COM
MC	877.3	4.78	COM-MC
HV	882.08	5.08	MC-HV
HV	887.16	1.25	HV-HV
HV	888.41	6.25	HV-HV
TW	894.66	2.44	HV-TW
HV	897.1		TW-HV

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	AB-042 Road	Vehicle summary	
From	Gatabe	MC	52
To	Kandy	TW	45
Side	RHS	CAR	52
Lane	Inner	COM	42
Video name	9900	HV	31
Time started	8:45 AM	SUM	222
Time finished	9:00 AM		
Traffic count (15Min)	222	Veh	
Traffic flow rate	888	Veh/hr	
		Headway (Sec)	Pairwise
MC	0	4.76	
TW	4.76	3.13	MC-TW
HV	7.89	5.84	TW-HV
TW	13.73	3.26	HV-TW
TW	16.99	2.78	TW-TW
HV	19.77	5.27	TW-HV
MC	25.04	6.39	HV-MC
COM	31.43	1.38	MC-COM
COM	32.81	5.97	COM-COM
MC	38.78	1.23	COM-MC
TW	40.01	8.06	MC-TW
TW	48.07	1.1	TW-TW
HV	49.17	5.88	TW-HV
HV	55.05	9.54	HV-HV
CAR	64.59	0.73	HV-CAR
MC	65.32	7.8	CAR-MC
CAR	73.12	5.69	MC-CAR
MC	78.81	1.49	CAR-MC
MC	80.3	4.59	MC-MC
HV	84.89	12.41	MC-HV
MC	97.3	1.18	HV-MC
CAR	98.48	6.6	MC-CAR
TW	105.08	7.45	CAR-TW
HV	112.53	7.52	TW-HV
COM	120.05	1.92	HV-COM
TW	121.97	2.66	COM-TW
HV	124.63	4.68	TW-HV
COM	129.31	4.99	HV-COM
CAR	134.3	2.68	COM-CAR
COM	136.98	2.39	CAR-COM
CAR	139.37	3.18	COM-CAR
CAR	142.55	3.88	CAR-CAR
HV	146.43	3.6	CAR-HV
MC	150.03	4.41	HV-MC
CAR	154.44	3.75	MC-CAR
COM	158.19	0.99	CAR-COM
TW	159.18	4.8	COM-TW
CAR	163.98	3.42	TW-CAR
MC	167.4	1.03	CAR-MC
TW	168.43	2.29	MC-TW
COM	170.72	5.92	TW-COM
MC	176.64	3.99	COM-MC
HV	180.63	2.33	MC-HV
CAR	182.96	6.92	HV-CAR
HV	189.88	3.97	CAR-HV
CAR	193.85	3.56	HV-CAR
CAR	197.41	2.89	CAR-CAR
TW	200.3	3.27	CAR-TW
MC	203.57	4.3	TW-MC
COM	207.87	5.14	MC-COM
TW	213.01	4.59	COM-TW
MC	217.6	6.21	TW-MC
COM	223.81	7.05	MC-COM
COM	230.86	8.2	COM-COM
CAR	239.06	1.65	COM-CAR
HV	240.71	2.25	CAR-HV
CAR	242.96	3.85	HV-CAR
COM	246.81	2.01	CAR-COM
CAR	248.82	3.94	COM-CAR
CAR	252.76	4.07	CAR-CAR
COM	256.83	10.78	CAR-COM
TW	267.61	1.06	COM-TW
CAR	268.67	5.48	TW-CAR
HV	274.15	1.87	CAR-HV
CAR	276.02	9.29	HV-CAR
HV	285.31	3.19	CAR-HV
COM	288.5	1.96	HV-COM
CAR	290.46	2.11	COM-CAR
TW	292.57	2.26	CAR-TW
CAR	294.83	5.96	TW-CAR
TW	300.79	5	CAR-TW
HV	305.79	2.52	TW-HV
MC	308.31	4.44	HV-MC
TW	312.75	8.14	MC-TW
HV	320.89	6.56	TW-HV
COM	327.45	4.72	HV-COM
HV	332.17	2.48	COM-HV
HV	334.65	1.48	HV-HV
MC	336.13	6.77	HV-MC
CAR	342.9	3.04	MC-CAR
TW	345.94	4.03	CAR-TW
CAR	349.97	5.22	TW-CAR
CAR	355.19	1.18	CAR-CAR
CAR	356.37	7.42	CAR-CAR
CAR	363.79	3.29	CAR-CAR
COM	367.08	5.45	CAR-COM
CAR	372.53	1.97	COM-CAR
MC	374.5	1.97	CAR-MC
MC	376.47	6.65	MC-MC
MC	383.12	3.28	MC-MC
HV	386.4	4.03	MC-HV
CAR	390.43	8.41	HV-CAR
TW	398.84	2.95	CAR-TW
CAR	401.79	2.06	TW-CAR
TW	403.85	6.69	CAR-TW
TW	410.54	9.1	TW-TW
CAR	419.64	1.79	TW-CAR
COM	421.43	6.48	CAR-COM
MC	427.91	4.36	COM-MC
COM	432.27	0.93	MC-COM
MC	433.2	4.84	COM-MC
MC	438.04	3.16	MC-MC
HV	441.2	9.49	MC-HV
MC	450.69	5.6	HV-MC
MC	456.29	3.73	MC-MC
CAR	460.02	3.92	MC-CAR
CAR	463.94	3.68	CAR-CAR
MC	467.62	2.81	CAR-MC
TW	470.43	3.69	MC-TW
HV	474.12	3.86	TW-HV
TW	477.98	4.98	HV-TW
COM	482.96	3.67	TW-COM
TW	486.63	4.73	COM-TW
MC	491.36	2.89	TW-MC
MC	494.25	2.67	MC-MC
TW	496.92	8.21	MC-TW
TW	505.13	3.92	TW-TW
CAR	509.05	3.5	TW-CAR
MC	512.55	3.68	CAR-MC
COM	516.23	2.46	MC-COM
COM	518.69	4.14	COM-COM
MC	522.83	5.09	COM-MC
COM	527.92	6.57	MC-COM
CAR	534.49	2.76	COM-CAR
CAR	537.25	2.5	CAR-CAR
CAR	539.75	3.07	CAR-CAR
CAR	542.82	2.15	CAR-CAR
MC	544.97	2.83	CAR-MC
MC	547.8	2.91	MC-MC
COM	550.71	5.13	MC-COM
CAR	555.84	2.24	COM-CAR
CAR	558.08	2.26	CAR-CAR
COM	560.34	7.49	CAR-COM
HV	567.83	5.73	COM-HV
CAR	573.56	3.72	HV-CAR
MC	577.28	4.69	CAR-MC
TW	581.97	2.92	MC-TW
MC	584.89	2.8	TW-MC

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	55
To	Gatabe	TW	64
Side	LHS	CAR	57
Lane	Inner	COM	59
Video name	10200	HV	65
Time started	12:30 PM	SUM	300
Time finished	12:45 PM		
Traffic count (15Min)	300	Veh	
Traffic flow rate	1200	Veh/hr	
		Headway (Sec)	Pairwise
CAR	0	0.92	
COM	0.92	2.67	CAR-COM
TW	3.59	1.99	COM-TW
HV	5.58	4.54	TW-HV
HV	10.12	3.72	HV-HV
HV	13.84	2.54	HV-HV
TW	16.38	0.64	HV-TW
MC	17.02	5.02	TW-MC
TW	22.04	1.21	MC-TW
CAR	23.25	0.66	TW-CAR
CAR	23.91	7.2	CAR-CAR
HV	31.11	1.65	CAR-HV
COM	32.76	7.21	HV-COM
MC	39.97	1.33	COM-MC
CAR	41.3	2.53	MC-CAR
CAR	43.83	0.97	CAR-CAR
HV	44.8	0.56	CAR-HV
TW	45.36	2.94	HV-TW
TW	48.3	3.38	TW-TW
CAR	51.68	2.97	TW-CAR
HV	54.65	1.38	CAR-HV
CAR	56.03	1.53	HV-CAR
COM	57.56	2.39	CAR-COM
MC	59.95	3.83	COM-MC
MC	63.78	3.18	MC-MC
COM	66.96	3.07	MC-COM
MC	70.03	2.16	COM-MC
COM	72.19	1.37	MC-COM
MC	73.56	4.72	COM-MC
CAR	78.28	2.99	MC-CAR
COM	81.27	5.34	CAR-COM
COM	86.61	4.58	COM-COM
COM	91.19	2.56	COM-COM
CAR	93.75	1.54	COM-CAR
CAR	95.29	2.94	CAR-CAR
TW	98.23	1.62	CAR-TW
TW	99.85	2.54	TW-TW
HV	102.39	1.11	TW-HV
HV	103.5	2.27	HV-HV
CAR	105.77	4.74	HV-CAR
COM	110.51	3.34	CAR-COM
MC	113.85	1.42	COM-MC
CAR	115.27	1.2	MC-CAR
COM	116.47	2.53	CAR-COM
COM	119	3.45	COM-COM
CAR	122.45	2.86	COM-CAR
HV	125.31	3.03	CAR-HV
MC	128.34	5.52	HV-MC
MC	133.86	2.65	MC-MC
HV	136.51	3.67	MC-HV
HV	140.18	1.07	HV-HV
TW	141.25	3.16	HV-TW
COM	144.41	4.86	TW-COM
MC	149.27	1.8	COM-MC
MC	151.07	2.32	MC-MC
CAR	153.39	1.53	MC-CAR
TW	154.92	1.54	CAR-TW
MC	156.46	5.8	TW-MC
TW	162.26	1.79	MC-TW
MC	164.05	2.66	TW-MC
HV	166.71	5.27	MC-HV
TW	171.98	2.7	HV-TW
COM	174.68	4.39	TW-COM
TW	179.07	6.55	COM-TW
CAR	185.62	0.69	TW-CAR
TW	186.31	3.71	CAR-TW
COM	190.02	2.32	TW-COM
TW	192.34	2.67	COM-TW
HV	195.01	2.6	TW-HV
CAR	197.61	1.79	HV-CAR
TW	199.4	2.64	CAR-TW
MC	202.04	4.01	TW-MC
MC	206.05	1.1	MC-MC
COM	207.15	4.98	MC-COM
MC	212.13	4.85	COM-MC
HV	216.98	0.66	MC-HV
TW	217.64	0.68	HV-TW
HV	218.32	1.56	TW-HV
COM	219.88	0.79	HV-COM
HV	220.67	1.66	COM-HV
HV	222.33	4.04	HV-HV
COM	226.37	3.77	HV-COM
TW	230.14	2.77	COM-TW
HV	232.91	2.14	TW-HV
MC	235.05	3.61	HV-MC
TW	238.66	4.44	MC-TW
MC	243.1	2.03	TW-MC
MC	245.13	3.45	MC-MC
MC	248.58	2.28	MC-MC
COM	250.86	2.54	MC-COM
CAR	253.4	3.51	COM-CAR
CAR	256.91	2.29	CAR-CAR
HV	259.2	3.82	CAR-HV
HV	263.02	3	HV-HV
HV	266.02	3.48	HV-HV
CAR	269.5	3.07	HV-CAR
MC	272.57	3.66	CAR-MC
HV	276.23	2.39	MC-HV
HV	278.62	6.47	HV-HV
COM	285.09	2.41	HV-COM
MC	287.5	1.53	COM-MC
MC	289.03	1.19	MC-MC
TW	290.22	1.34	MC-TW
TW	291.56	2.2	TW-TW
HV	293.76	1.9	TW-HV
COM	295.66	1.64	HV-COM
MC	297.3	2.25	COM-MC
COM	299.55	0.51	MC-COM
HV	300.06	1.08	COM-HV
TW	301.14	1.56	HV-TW
COM	302.7	1.69	TW-COM
TW	304.39	5.36	COM-TW
COM	309.75	1.48	TW-COM
CAR	311.23	4.5	COM-CAR
COM	315.73	1	CAR-COM
TW	316.73	3.32	COM-TW
MC	320.05	3.46	TW-MC
TW	323.51	3.34	MC-TW
TW	326.85	3.29	TW-TW
CAR	330.14	1.25	TW-CAR
HV	331.39	1.15	CAR-HV
TW	332.54	7.59	HV-TW
CAR	340.13	1.88	TW-CAR
COM	342.01	3.86	CAR-COM
HV	345.87	4.83	COM-HV
CAR	350.7	1.92	HV-CAR
TW	352.62	1.46	CAR-TW
HV	354.08	1.63	TW-HV
HV	355.71	2.92	HV-HV
HV	358.63	3.92	HV-HV
MC	362.55	8.29	HV-MC
COM	370.84	2.42	MC-COM
HV	373.26	2.32	COM-HV
HV	375.58	0.91	HV-HV
TW	376.49	6.27	HV-TW
COM	382.76	2.06	TW-COM
CAR	384.82	1.74	COM-CAR
HV	386.56	3.76	CAR-HV

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	43
To	Gatabe	TW	34
Side	LHS	CAR	44
Lane	Inner	COM	30
Video name	10500	HV	26
Time started	12:45 PM	SUM	177
Time finished	1:00 PM		
Traffic count (15Min)	177	Veh	
Traffic flow rate	708	Veh/hr	
		Headway (Sec)	Pairwise
COM	0	4.45	
TW	4.45	5.95	COM-TW
CAR	10.4	2.73	TW-CAR
COM	13.13	1.96	CAR-COM
MC	15.09	2.86	COM-MC
TW	17.95	3.76	MC-TW
COM	21.71	2.59	TW-COM
MC	24.3	3.8	COM-MC
TW	28.1	5.47	MC-TW
TW	33.57	2.53	TW-TW
CAR	36.1	5.13	TW-CAR
CAR	41.23	4.78	CAR-CAR
COM	46.01	4.46	CAR-COM
COM	50.47	4.69	COM-COM
COM	55.16	6.15	COM-COM
COM	61.31	4.52	COM-COM
TW	65.83	11.42	COM-TW
TW	77.25	2.73	TW-TW
CAR	79.98	6.91	TW-CAR
CAR	86.89	7.28	CAR-CAR
CAR	94.17	5.81	CAR-CAR
TW	99.98	3.3	CAR-TW
COM	103.28	2.58	TW-COM
CAR	105.86	5.04	COM-CAR
COM	110.9	9.84	CAR-COM
CAR	120.74	5.55	COM-CAR
CAR	126.29	3.23	CAR-CAR
MC	129.52	2.1	CAR-MC
COM	131.62	5.58	MC-COM
MC	137.2	2.12	COM-MC
COM	139.32	2.81	MC-COM
CAR	142.13	4.79	COM-CAR
MC	146.92	3.3	CAR-MC
CAR	150.22	5.65	MC-CAR
TW	155.87	4.51	CAR-TW
MC	160.38	7.38	TW-MC
TW	167.76	3.09	MC-TW
CAR	170.85	4.83	TW-CAR
CAR	175.68	8.41	CAR-CAR
MC	184.09	3.87	CAR-MC
MC	187.96	4.99	MC-MC
HV	192.95	3.34	MC-HV
HV	196.29	7.05	HV-HV
HV	203.34	5.61	HV-HV
TW	208.95	8.67	HV-TW
MC	217.62	4.57	TW-MC
MC	222.19	1.43	MC-MC
TW	223.62	7.51	MC-TW
COM	231.13	4.37	TW-COM
MC	235.5	2.07	COM-MC
MC	237.57	4.9	MC-MC
MC	242.47	3.77	MC-MC
HV	246.24	3.17	MC-HV
MC	249.41	3.48	HV-MC
TW	252.89	8.78	MC-TW
TW	261.67	9.74	TW-TW
CAR	271.41	5.85	TW-CAR
TW	277.26	4.26	CAR-TW
MC	281.52	5.57	TW-MC
MC	287.09	1.71	MC-MC
TW	288.8	1.65	MC-TW
COM	290.45	8.04	TW-COM
CAR	298.49	4.24	COM-CAR
COM	302.73	3.21	CAR-COM
MC	305.94	6.01	COM-MC
CAR	311.95	6.9	MC-CAR
COM	318.85	4.59	CAR-COM
HV	323.44	1.74	COM-HV
COM	325.18	10.71	HV-COM
CAR	335.89	6.49	COM-CAR
COM	342.38	5.02	CAR-COM
MC	347.4	4.64	COM-MC
MC	352.04	2.97	MC-MC
MC	355.01	4.05	MC-MC
COM	359.06	4.23	MC-COM
TW	363.29	5.86	COM-TW
COM	369.15	2.67	TW-COM
CAR	371.82	4.81	COM-CAR
MC	376.63	6.04	CAR-MC
MC	382.67	3.93	MC-MC
MC	386.6	4.59	MC-MC
CAR	391.19	7.2	MC-CAR
MC	398.39	5.91	CAR-MC
TW	404.3	4.7	MC-TW
TW	409	4.3	TW-TW
MC	413.3	4.09	TW-MC
HV	417.39	6.56	MC-HV
CAR	423.95	5.77	HV-CAR
TW	429.72	6.44	CAR-TW
CAR	436.16	5	TW-CAR
CAR	441.16	4.4	CAR-CAR
HV	445.56	7.74	CAR-HV
CAR	453.3	15.25	HV-CAR
TW	468.55	5.08	CAR-TW
CAR	473.63	12.68	TW-CAR
HV	486.31	10.03	CAR-HV
TW	496.34	2.08	HV-TW
COM	498.42	2.47	TW-COM
TW	500.89	7.56	COM-TW
CAR	508.45	4.66	TW-CAR
CAR	513.11	11.3	CAR-CAR
HV	524.41	7.37	CAR-HV
CAR	531.78	0.69	HV-CAR
HV	532.47	2.9	CAR-HV
HV	535.37	8.47	HV-HV
HV	543.84	11.46	HV-HV
MC	555.3	2.99	HV-MC
COM	558.29	3.41	MC-COM
CAR	561.7	9.74	COM-CAR
COM	571.44	6.02	CAR-COM
CAR	577.46	5.21	COM-CAR
MC	582.67	3.95	CAR-MC
CAR	586.62	2.9	MC-CAR
MC	589.52	6.41	CAR-MC
TW	595.93	5.21	MC-TW
MC	601.14	3.43	TW-MC
HV	604.57	4.4	MC-HV
HV	608.97	5.18	HV-HV
CAR	614.15	5.14	HV-CAR
CAR	619.29	8.82	CAR-CAR
CAR	628.11	7.29	CAR-CAR
HV	635.4	2.04	CAR-HV
COM	637.44	2.4	HV-COM
COM	639.84	0.68	COM-COM
COM	640.52	5.7	COM-COM
MC	646.22	8.31	COM-MC
MC	654.53	5.77	MC-MC
HV	660.3	4.36	MC-HV
MC	664.66	3.98	HV-MC
CAR	668.64	2.24	MC-CAR
TW	670.88	7.98	CAR-TW
CAR	678.86	3.81	TW-CAR
HV	682.67	5.34	CAR-HV
HV	688.01	4.13	HV-HV
MC	692.14	5.98	HV-MC
MC	698.12	2.58	MC-MC
MC	700.7	1.4	MC-MC
COM	702.1	6.03	MC-COM

COM	587.69	3.77	MC-COM
TW	591.46	3.2	COM-TW
MC	594.66	7.52	TW-MC
TW	602.18	4.57	MC-TW
MC	606.75	1.8	TW-MC
TW	608.55	4.78	MC-TW
MC	613.33	2.31	TW-MC
CAR	615.64	3.6	MC-CAR
MC	619.24	3.26	CAR-MC
COM	622.5	3.32	MC-COM
TW	625.82	1.09	COM-TW
COM	626.91	3.71	TW-COM
COM	630.62	4.95	COM-COM
MC	635.57	3.77	COM-MC
TW	639.34	1.89	MC-TW
CAR	641.23	1.53	TW-CAR
COM	642.76	7.22	CAR-COM
MC	649.98	2.78	COM-MC
HV	652.76	2.84	MC-HV
TW	655.6	3.4	HV-TW
COM	659	2.16	TW-COM
TW	661.16	3.35	COM-TW
MC	664.51	4.8	TW-MC
CAR	669.31	6.35	MC-CAR
TW	675.66	6.97	CAR-TW
TW	682.63	3.38	TW-TW
MC	686.01	4.49	TW-MC
HV	690.5	4.65	MC-HV
TW	695.15	4.13	HV-TW
CAR	699.28	4.78	TW-CAR
COM	704.06	6.5	CAR-COM
COM	710.56	4.56	COM-COM
CAR	715.12	4.01	COM-CAR
CAR	719.13	1.66	CAR-CAR
COM	720.79	3.11	CAR-COM
MC	723.9	7.1	COM-MC
CAR	731	2.27	MC-CAR
COM	733.27	5.63	CAR-COM
COM	738.9	2.89	COM-COM
HV	741.79	5.06	COM-HV
COM	746.85	3.34	HV-COM
CAR	750.19	3.08	COM-CAR
CAR	753.27	3.43	CAR-CAR
MC	756.7	3.94	CAR-MC
MC	760.64	4.04	MC-MC
HV	764.68	5.82	MC-HV
TW	770.5	1.05	HV-TW
CAR	771.55	3.69	TW-CAR
TW	775.24	3	CAR-TW
MC	778.24	2.04	TW-MC
HV	780.28	3.76	MC-HV
TW	784.04	4.96	HV-TW
TW	789	2.34	TW-TW
HV	791.34	4.8	TW-HV
MC	796.14	1.97	HV-MC
HV	798.11	1.97	MC-HV
COM	800.08	3.04	HV-COM
CAR	803.12	1.22	COM-CAR
COM	804.34	4.44	CAR-COM
CAR	808.78	3.27	COM-CAR
MC	812.05	1.89	CAR-MC
MC	813.94	7.68	MC-MC
CAR	821.62	2.55	MC-CAR
HV	824.17	7.87	CAR-HV
MC	832.04	4.45	HV-MC
TW	836.49	3.9	MC-TW
MC	840.39	0.96	TW-MC
COM	841.35	5.67	MC-COM
MC	847.02	3.41	COM-MC
COM	850.43	5.82	MC-COM
COM	856.25	3.18	COM-COM
CAR	859.43	2.79	COM-CAR
TW	862.22	5.33	CAR-TW
COM	867.55	1.44	TW-COM
TW	868.99	7.12	COM-TW
TW	876.11	4.5	TW-TW
MC	880.61	1.03	TW-MC
TW	881.64	2.27	MC-TW
TW	883.91	2.08	TW-TW
HV	885.99	1.02	TW-HV
COM	887.01	2.39	HV-COM
MC	889.4	5.74	COM-MC
MC	895.14	2.63	MC-MC
HV	897.77		MC-HV

CAR	390.32	1.96	HV-CAR
COM	392.28	1.19	CAR-COM
COM	393.47	6.84	COM-COM
TW	400.31	0.8	COM-TW
MC	401.11	1.95	TW-MC
HV	403.06	2.3	MC-HV
TW	405.36	2.41	HV-TW
HV	407.77	2.65	TW-HV
HV	410.42	4.31	HV-HV
TW	414.73	1.41	HV-TW
COM	416.14	1.15	TW-COM
CAR	417.29	0.74	COM-CAR
TW	418.03	1.11	CAR-TW
HV	419.14	1.85	TW-HV
HV	420.99	1.55	HV-HV
HV	422.54	1.26	HV-HV
TW	423.8	1.46	HV-TW
CAR	425.26	2.38	TW-CAR
HV	427.64	6.86	CAR-HV
TW	434.5	3.26	HV-TW
HV	437.76	2.28	TW-HV
CAR	440.04	2.68	HV-CAR
CAR	442.72	5.03	CAR-CAR
COM	447.75	3.29	CAR-COM
CAR	451.04	1.94	COM-CAR
CAR	452.98	1.49	CAR-CAR
CAR	454.47	3.78	CAR-CAR
TW	458.25	3.66	CAR-TW
HV	461.91	4.27	TW-HV
COM	466.18	1.12	HV-COM
TW	467.3	2.35	COM-TW
COM	469.65	3.92	TW-COM
HV	473.57	3.9	COM-HV
MC	477.47	1.98	HV-MC
TW	479.45	0.98	MC-TW
HV	480.43	3.57	TW-HV
TW	484	1.46	HV-TW
TW	485.46	4.11	TW-TW
CAR	489.57	4.95	TW-CAR
HV	494.52	1.29	CAR-HV
MC	495.81	2.08	HV-MC
MC	497.89	1.51	MC-MC
MC	499.4	1.53	MC-MC
COM	500.93	1.81	MC-COM
MC	502.74	4.05	COM-MC
HV	506.79	4.21	MC-HV
HV	511	2.36	HV-HV
COM	513.36	2.37	HV-COM
CAR	515.73	1.1	COM-CAR
TW	516.83	2.9	CAR-TW
CAR	519.73	0.86	TW-CAR
MC	520.59	1.87	CAR-MC
CAR	522.46	1.14	MC-CAR
CAR	523.6	8.36	CAR-CAR
CAR	531.96	9.86	CAR-CAR
MC	541.82	3.58	CAR-MC
HV	545.4	4.46	MC-HV
MC	549.86	4.87	HV-MC
COM	554.73	3.43	MC-COM
HV	558.16	6.09	COM-HV
MC	564.25	4.68	HV-MC
CAR	568.93	4.82	MC-CAR
CAR	573.75	4.86	CAR-CAR
COM	578.61	10.99	CAR-COM
TW	589.6	6.89	COM-TW
CAR	596.49	2.57	TW-CAR
TW	599.06	2.96	CAR-TW
COM	602.02	5.16	TW-COM
COM	607.18	2.94	COM-COM
COM	610.12	6.04	COM-COM
MC	616.16	2.32	COM-MC
MC	618.48	3.53	MC-MC
HV	622.01	2.45	MC-HV
COM	624.46	5.21	HV-COM
MC	629.67	3.01	COM-MC
HV	632.68	2.12	MC-HV
MC	634.8	2.16	HV-MC
COM	636.96	1.23	MC-COM
HV	638.19	1.03	COM-HV
MC	639.22	2.27	HV-MC
CAR	641.49	2.91	MC-CAR
CAR	644.4	1.38	CAR-CAR
TW	645.78	1.67	CAR-TW
HV	647.45	5.16	TW-HV
MC	652.61	5.87	HV-MC
MC	658.48	1.2	MC-MC
COM	659.68	2.12	MC-COM
CAR	661.8	3.36	COM-CAR
MC	665.16	2.63	CAR-MC
COM	667.79	3.84	MC-COM
COM	671.63	2.23	COM-COM
TW	673.86	3.49	COM-TW
TW	677.35	2.09	TW-TW
TW	679.44	1.08	TW-TW
CAR	680.52	2.64	TW-CAR
CAR	683.16	6.28	CAR-CAR
TW	689.44	0.78	CAR-TW
CAR	690.22	3.86	TW-CAR
TW	694.08	1.58	CAR-TW
HV	695.66	2.05	TW-HV
MC	697.71	4.46	HV-MC
MC	702.17	2.19	MC-MC
TW	704.36	1.38	MC-TW
CAR	705.74	2.94	TW-CAR
HV	708.68	0.49	CAR-HV
HV	709.17	5.96	HV-HV
CAR	715.13	2.47	HV-CAR
CAR	717.6	2.92	CAR-CAR
COM	720.52	1.07	CAR-COM
COM	721.59	4.96	COM-COM
COM	726.55	2.39	COM-COM
MC	728.94	7.22	COM-MC
COM	736.16	0.64	MC-COM
CAR	736.8	2.13	COM-CAR
TW	738.93	2.45	CAR-TW
TW	741.38	2.02	TW-TW
TW	743.4	4.4	TW-TW
HV	747.8	1.94	TW-HV
COM	749.74	0.91	HV-COM
MC	750.65	3.58	COM-MC
HV	754.23	2.52	MC-HV
CAR	756.75	4.03	HV-CAR
HV	760.78	6.52	CAR-HV
MC	767.3	1.45	HV-MC
COM	768.75	2.73	MC-COM
TW	771.48	1.96	COM-TW
MC	773.44	1.69	TW-MC
HV	775.13	4.1	MC-HV
MC	779.23	0.81	HV-MC
TW	780.04	2.25	MC-TW
TW	782.29	10.49	TW-TW
TW	792.78	2.74	TW-TW
TW	795.52	3.59	TW-TW
COM	799.11	1.68	TW-COM
CAR	800.79	1.99	COM-CAR
COM	802.78	5.97	CAR-COM
HV	808.75	2.5	COM-HV
HV	811.25	4.06	HV-HV
HV	815.31	4.04	HV-HV
COM	819.35	3.36	HV-COM
COM	822.71	3.97	COM-COM
CAR	826.68	3.09	COM-CAR
TW	829.77	3.59	CAR-TW
HV	833.36	5.76	TW-HV
MC	839.12	4.44	HV-MC
TW	843.56	0.95	MC-TW
MC	844.51	1.34	TW-MC
TW	845.85	3.31	MC-TW
MC	849.16	1.39	TW-MC
HV	850.55	5.02	MC-HV
COM	855.57	5.6	HV-COM
TW	861.17	1.45	COM-TW
COM	862.62	1.42	TW-COM
CAR	864.04	6	COM-CAR
TW	870.04	1.53	CAR-TW
CAR	871.57	4.26	TW-CAR
TW	875.83	2.09	CAR-TW
TW	877.92	6.33	TW-TW
MC	884.25	3.85	TW-MC
COM	888.1	2.56	MC-COM
CAR	890.66	0.99	COM-CAR
COM	891.65		CAR-COM

CAR	708.13	6.26	COM-CAR
HV	714.39	3.28	CAR-HV
CAR	717.67	5.79	HV-CAR
HV	723.46	11.09	CAR-HV
COM	734.55	5.85	HV-COM
HV	740.4	2.43	COM-HV
TW	742.83	3.77	HV-TW
TW	746.6	5.51	TW-TW
HV	752.11	2.2	TW-HV
CAR	754.31	3.83	HV-CAR
MC	758.14	7.76	CAR-MC
CAR	765.9	3.29	MC-CAR
MC	769.19	2.58	CAR-MC
TW	771.77	5.92	MC-TW
TW	777.69	7.38	TW-TW
MC	785.07	9.82	TW-MC
COM	794.89	0.98	MC-COM
COM	795.87	2.79	COM-COM
MC	798.66	2.35	COM-MC
TW	801.01	3.25	MC-TW
MC	804.26	3.37	TW-MC
HV	807.63	1.69	MC-HV
CAR	809.32	3.89	HV-CAR
MC	813.21	3.11	CAR-MC
HV	816.32	6.38	MC-HV
TW	822.7	2.83	HV-TW
HV	825.53	5.88	TW-HV
MC	831.41	4.76	HV-MC
TW	836.17	3.94	MC-TW
TW	840.11	1.88	TW-TW
CAR	841.99	2.62	TW-CAR
CAR	844.61	12.06	CAR-CAR
COM	856.67	2.47	CAR-COM
CAR	859.14	5.43	COM-CAR
TW	864.57	4.86	CAR-TW
CAR	869.43	9.08	TW-CAR
HV	878.51	6.5	CAR-HV
TW	885.01	4.34	HV-TW
MC	889.35		TW-MC

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	61
To	Gatabe	TW	54
Side	LHS	CAR	44
Lane	Inner	COM	58
Video name	10800	HV	71
Time started	1:15 PM	SUM	288
Time finished	1:30 PM		
Traffic count (15Min)	288	Veh	
Traffic flow rate	1152	Veh/hr	
		Headway (Sec)	Pairwise
HV	0	2.89	
HV	2.89	2.37	HV-HV
COM	5.26	4.94	HV-COM
TW	10.2	0.25	COM-TW
COM	10.45	2.44	TW-COM
TW	12.89	3.71	COM-TW
HV	16.6	2.46	TW-HV
TW	19.06	7.37	HV-TW
TW	26.43	2.53	TW-TW
HV	28.96	2	TW-HV
TW	30.96	1.81	HV-TW
TW	32.77	1.97	TW-TW
HV	34.74	1.31	TW-HV
MC	36.05	2.23	HV-MC
MC	38.28	0.97	MC-MC
HV	39.25	1.63	MC-HV
MC	40.88	0.44	HV-MC
HV	41.32	3.68	MC-HV
COM	45	1.76	HV-COM
CAR	46.76	2.64	COM-CAR
COM	49.4	1.07	CAR-COM
TW	50.47	4.69	COM-TW
HV	55.16	8	TW-HV
CAR	63.16	2.58	HV-CAR
COM	65.74	4.67	CAR-COM
COM	70.41	1.35	COM-COM
HV	71.76	3.69	COM-HV
TW	75.45	3.17	HV-TW
HV	78.62	4.45	TW-HV
CAR	83.07	2.05	HV-CAR
CAR	85.12	5.53	CAR-CAR
TW	90.65	1.75	CAR-TW
HV	92.4	1.01	TW-HV
TW	93.41	1.8	HV-TW
MC	95.21	1.21	TW-MC
TW	96.42	2.19	MC-TW
TW	98.61	0.86	TW-TW
MC	99.47	3.94	TW-MC
CAR	103.41	8.53	MC-CAR
HV	111.94	5.99	CAR-HV
TW	117.93	1.12	HV-TW
HV	119.05	4.69	TW-HV
MC	123.74	3.66	HV-MC
CAR	127.4	3.39	MC-CAR
COM	130.79	2.18	CAR-COM
MC	132.97	3.41	COM-MC
MC	136.38	2.7	MC-MC
MC	139.08	4.46	MC-MC
HV	143.54	4.98	MC-HV
TW	148.52	11.01	HV-TW
MC	159.53	2.71	TW-MC
CAR	162.24	2.3	MC-CAR
COM	164.54	1.45	CAR-COM
HV	165.99	3.72	COM-HV
TW	169.71	1.47	HV-TW
MC	171.18	6.89	TW-MC
CAR	178.07	3.99	MC-CAR
MC	182.06	2.28	CAR-MC
CAR	184.34	4.33	MC-CAR
TW	188.67	3.61	CAR-TW
COM	192.28	1.33	TW-COM
COM	193.61	2.47	COM-COM
MC	196.08	2.91	COM-MC
TW	198.99	2.84	MC-TW
HV	201.83	4.4	TW-HV
CAR	206.23	5.81	HV-CAR
CAR	212.04	2.52	CAR-CAR
HV	214.56	3.22	CAR-HV
MC	217.78	3.74	HV-MC
CAR	221.52	3.76	MC-CAR
HV	225.28	5.1	CAR-HV
CAR	230.38	3.93	HV-CAR
CAR	234.31	2	CAR-CAR
COM	236.31	5.62	CAR-COM
COM	241.93	2.36	COM-COM
CAR	244.29	4.28	COM-CAR
MC	248.57	3.6	CAR-MC
HV	252.17	3.97	MC-HV
MC	256.14	3.28	HV-MC
HV	259.42	0.98	MC-HV
MC	260.4	3.79	HV-MC
HV	264.19	5.33	MC-HV
TW	269.52	1.54	HV-TW
HV	271.06	5.1	TW-HV
TW	276.16	3.19	HV-TW
MC	279.35	1.98	TW-MC
TW	281.33	6.95	MC-TW
COM	288.28	2.15	TW-COM
HV	290.43	1.15	COM-HV
CAR	291.58	7.53	HV-CAR
HV	299.11	2.28	CAR-HV
COM	301.39	7.9	HV-COM
HV	309.29	5.96	COM-HV
COM	315.25	2.1	HV-COM
MC	317.35	2.91	COM-MC
COM	320.26	2.12	MC-COM
CAR	322.38	1.75	COM-CAR
CAR	324.13	5.32	CAR-CAR
COM	329.45	1.27	CAR-COM
TW	330.72	1.38	COM-TW
MC	332.1	4.71	TW-MC
CAR	336.81	1.95	MC-CAR
COM	338.76	0.38	CAR-COM
COM	339.14	4.27	COM-COM
HV	343.41	3.38	COM-HV
MC	346.79	0.87	HV-MC
HV	347.66	1.64	MC-HV
HV	349.3	4.86	HV-HV
CAR	354.16	0.44	HV-CAR
TW	354.6	4.96	CAR-TW
TW	359.56	1.98	TW-TW
TW	361.54	3.86	TW-TW
CAR	365.4	3.4	TW-CAR
COM	368.8	1.01	CAR-COM
TW	369.81	4.04	COM-TW
CAR	373.85	2.99	TW-CAR
COM	376.84	2.75	CAR-COM
CAR	379.59	2.48	COM-CAR
COM	382.07	2.16	CAR-COM
MC	384.23	1.36	COM-MC
COM	385.59	2.48	MC-COM
TW	388.07	5.05	COM-TW
HV	393.12	6.91	TW-HV
MC	400.03	2.37	HV-MC
MC	402.4	4.35	MC-MC
COM	406.75	1.26	MC-COM
HV	408.01	5	COM-HV
MC	413.01	0.4	HV-MC
COM	413.41	4.03	MC-COM
HV	417.44	3.11	COM-HV
TW	420.55	2.69	HV-TW
HV	423.24	4.44	TW-HV
COM	427.68	1.61	HV-COM
HV	429.29	3.53	COM-HV
CAR	432.82	3.39	HV-CAR
MC	436.21	5.52	CAR-MC
TW	441.73	1.43	MC-TW
HV	443.16	1.68	TW-HV

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	53
To	Gatabe	TW	80
Side	LHS	CAR	59
Lane	Inner	COM	60
Video name	11100	HV	39
Time started	4:15 PM	SUM	291
Time finished	4:30 AM		
Traffic count (15Min)	291	Veh	
Traffic flow rate	1164	Veh/hr	
		Headway (Sec)	Pairwise
TW	0	2.79	
TW	2.79	2.53	TW-TW
COM	5.32	2.48	TW-COM
TW	7.8	2.48	COM-TW
TW	10.28	3.05	TW-TW
COM	13.33	1.78	TW-COM
COM	15.11	1.61	COM-COM
TW	16.72	1.81	COM-TW
CAR	18.53	4.03	TW-CAR
COM	22.56	5.74	CAR-COM
CAR	28.3	5.49	COM-CAR
HV	33.79	2.61	CAR-HV
COM	36.4	4.89	HV-COM
CAR	41.29	2.4	COM-CAR
TW	43.69	4.04	CAR-TW
MC	47.73	1.88	TW-MC
HV	49.61	0.82	MC-HV
COM	50.43	4.22	HV-COM
CAR	54.65	3.33	COM-CAR
MC	57.98	1.55	CAR-MC
CAR	59.53	3.4	MC-CAR
CAR	62.93	3.66	CAR-CAR
MC	66.59	0.96	CAR-MC
MC	67.55	2.32	MC-MC
TW	69.87	3.17	MC-TW
COM	73.04	1.8	TW-COM
COM	74.84	3.23	COM-COM
HV	78.07	2.36	COM-HV
MC	80.43	5.33	HV-MC
COM	85.76	3.6	MC-COM
COM	89.36	2.07	COM-COM
CAR	91.43	3.14	COM-CAR
CAR	94.57	1.5	CAR-CAR
COM	96.07	1.49	CAR-COM
MC	97.56	2.05	COM-MC
TW	99.61	2.83	MC-TW
HV	102.44	3.64	TW-HV
HV	106.08	2.57	HV-HV
TW	108.65	1.95	HV-TW
TW	110.6	2.16	TW-TW
HV	112.76	5.82	TW-HV
MC	118.58	2.46	HV-MC
MC	121.04	1.75	MC-MC
TW	122.79	1.56	MC-TW
CAR	124.35	2.61	TW-CAR
CAR	126.96	3.49	CAR-CAR
CAR	130.45	3.25	CAR-CAR
HV	133.7	3.34	CAR-HV
COM	137.04	3.44	HV-COM
HV	140.48	2.51	COM-HV
MC	142.99	1.01	HV-MC
HV	144	2.6	MC-HV
TW	146.6	3.36	HV-TW
COM	149.96	5.54	TW-COM
CAR	155.5	2.67	COM-CAR
CAR	158.17	2.46	CAR-CAR
MC	160.63	2.62	CAR-MC
TW	163.25	2.88	MC-TW
MC	166.13	4.29	TW-MC
COM	170.42	3.25	MC-COM
HV	173.67	3.39	COM-HV
CAR	177.06	1.53	HV-CAR
HV	178.59	1.57	CAR-HV
CAR	180.16	1.3	HV-CAR
CAR	181.46	2.26	CAR-CAR
TW	183.72	1.57	CAR-TW
MC	185.29	4.57	TW-MC
COM	189.86	5.07	MC-COM
COM	194.93	4.8	COM-COM
CAR	199.73	4.62	COM-CAR
HV	204.35	2.94	CAR-HV
TW	207.29	3.49	HV-TW
CAR	210.78	4.07	TW-CAR
TW	214.85	8.39	CAR-TW
TW	223.24	3.99	TW-TW
HV	227.23	0.84	TW-HV
TW	228.07	3.55	HV-TW
COM	231.62	4.24	TW-COM
CAR	235.86	1.02	COM-CAR
CAR	236.88	0.99	CAR-CAR
TW	237.87	1.34	CAR-TW
TW	239.21	1.45	TW-TW
COM	240.66	2.17	TW-COM
COM	242.83	3.97	COM-COM
TW	246.8	2.03	COM-TW
CAR	248.83	1.33	TW-CAR
MC	250.16	0.59	CAR-MC
COM	250.75	4.38	MC-COM
MC	255.13	2.96	COM-MC
CAR	258.09	7.44	MC-CAR
COM	265.53	6.02	CAR-COM
CAR	271.55	2.16	COM-CAR
TW	273.71	3.7	CAR-TW
CAR	277.41	5.01	TW-CAR
COM	282.42	1.07	CAR-COM
COM	283.49	2.46	COM-COM
TW	285.95	2.81	COM-TW
HV	288.76	5.04	TW-HV
TW	293.8	1.46	HV-TW
COM	295.26	3.95	TW-COM
CAR	299.21	11.34	COM-CAR
COM	310.55	2.66	CAR-COM
CAR	313.21	2.37	COM-CAR
COM	315.58	1.86	CAR-COM
CAR	317.44	3.03	COM-CAR
TW	320.47	1.93	CAR-TW
HV	322.4	4.75	TW-HV
HV	327.15	3.01	HV-HV
TW	330.16	5.62	HV-TW
MC	335.78	0.15	TW-MC
CAR	335.93	4.46	MC-CAR
COM	340.39	1.23	CAR-COM
TW	341.62	6.32	COM-TW
MC	347.94	3.86	TW-MC
HV	351.8	2.79	MC-HV
MC	354.59	0.74	HV-MC
COM	355.33	4.29	MC-COM
MC	359.62	4.22	COM-MC
COM	363.84	4.38	MC-COM
MC	368.22	3.59	COM-MC
MC	371.81	6.32	MC-MC
TW	378.13	3.73	MC-TW
TW	381.86	2.04	TW-TW
HV	383.9	2.65	TW-HV
COM	386.55	1.77	HV-COM
MC	388.32	1.39	COM-MC
TW	389.71	8.75	MC-TW
COM	398.46	0.35	TW-COM
CAR	398.81	6.31	COM-CAR
COM	405.12	1.79	CAR-COM
MC	406.91	1.23	COM-MC
TW	408.14	1.75	MC-TW
CAR	409.89	2.06	TW-CAR
COM	411.95	2.22	CAR-COM
HV	414.17	2.16	COM-HV
MC	416.33	2.17	HV-MC
MC	418.5	2.8	MC-MC
HV	421.3	7.15	MC-HV

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	48
To	Gatabe	TW	56
Side	LHS	CAR	57
Lane	Inner	COM	65
Video name	11400	HV	58
Time started	4:45 PM	SUM	284
Time finished	5:00 AM		
Traffic count (15Min)	284	Veh	
Traffic flow rate	1136	Veh/hr	
		Headway (Sec)	Pairwise
TW	0	0.71	
MC	0.71	4.69	TW-MC
HV	5.4	2.72	MC-HV
MC	8.12	3.12	HV-MC
COM	11.24	2.62	MC-COM
CAR	13.86	1.61	COM-CAR
COM	15.47	2.13	CAR-COM
HV	17.6	1.77	COM-HV
COM	19.37	4.53	HV-COM
COM	23.9	2.69	COM-COM
CAR	26.59	0.98	COM-CAR
TW	27.57	2.56	CAR-TW
COM	30.13	8.15	TW-COM
MC	38.28	3.2	COM-MC
CAR	41.48	2.64	MC-CAR
MC	44.12	5.43	CAR-MC
MC	49.55	6.4	MC-MC
MC	55.95	4.61	MC-MC
MC	60.56	3.56	MC-MC
MC	64.12	3.6	MC-MC
MC	67.72	3.41	MC-MC
MC	71.13	5.03	MC-MC
CAR	76.16	4	MC-CAR
COM	80.16	1.86	CAR-COM
CAR	82.02	3.73	COM-CAR
TW	85.75	1.2	CAR-TW
TW	86.95	1.73	TW-TW
COM	88.68	2.91	TW-COM
MC	91.59	2.34	COM-MC
MC	93.93	4	MC-MC
TW	97.93	7.16	MC-TW
CAR	105.09	6.03	TW-CAR
COM	111.12	5.11	CAR-COM
TW	116.23	2.56	COM-TW
CAR	118.79	1.2	TW-CAR
COM	119.99	3.06	CAR-COM
COM	123.05	2.99	COM-COM
HV	126.04	2.14	COM-HV
HV	128.18	3.19	HV-HV
HV	131.37	1.71	HV-HV
HV	133.08	2.02	HV-HV
HV	135.1	2.25	HV-HV
HV	137.35	2.21	HV-HV
HV	139.56	1.88	HV-HV
CAR	141.44	4.35	HV-CAR
MC	145.79	3.38	CAR-MC
TW	149.17	4.53	MC-TW
TW	153.7	0.18	TW-TW
TW	153.88	1.14	TW-TW
COM	155.02	0.98	TW-COM
MC	156	3.6	COM-MC
MC	159.6	1	MC-MC
HV	160.6	1.26	MC-HV
CAR	161.86	1.96	HV-CAR
TW	163.82	1.66	CAR-TW
COM	165.48	3.2	TW-COM
CAR	168.68	4.67	COM-CAR
COM	173.35	3.02	CAR-COM
COM	176.37	1.68	COM-COM
TW	178.05	1.18	COM-TW
MC	179.23	5.58	TW-MC
COM	184.81	0.86	MC-COM
HV	185.67	1.4	COM-HV
MC	187.07	4.41	HV-MC
TW	191.48	2.53	MC-TW
CAR	194.01	1.13	TW-CAR
TW	195.14	0.89	CAR-TW
COM	196.03	1.72	TW-COM
MC	197.75	1.73	COM-MC
CAR	199.48	1.3	MC-CAR
TW	200.78	6.53	CAR-TW
HV	207.31	3.97	TW-HV
CAR	211.28	1.58	HV-CAR
HV	212.86	4.89	CAR-HV
TW	217.75	5.28	HV-TW
CAR	223.03	2.24	TW-CAR
HV	225.27	2.57	CAR-HV
MC	227.84	3.63	HV-MC
HV	231.47	1.51	MC-HV
COM	232.98	2.52	HV-COM
TW	235.5	6.12	COM-TW
CAR	241.62	2.03	TW-CAR
MC	243.65	2.61	CAR-MC
CAR	246.26	2.74	MC-CAR
COM	249	2.03	CAR-COM
TW	251.03	1.58	COM-TW
CAR	252.61	1.21	TW-CAR
TW	253.82	2.19	CAR-TW
COM	256.01	1.05	TW-COM
TW	257.06	5.17	COM-TW
HV	262.23	2.09	TW-HV
TW	264.32	2.03	HV-TW
COM	266.35	6.43	TW-COM
HV	272.78	1.36	COM-HV
HV	274.14	1.17	HV-HV
HV	275.31	4.7	HV-HV
TW	280.01	4.68	HV-TW
CAR	284.69	2.77	TW-CAR
CAR	287.46	1.55	CAR-CAR
COM	289.01	0.86	CAR-COM
COM	289.87	2.29	COM-COM
COM	292.16	2.02	COM-COM
TW	294.18	2.39	COM-TW
CAR	296.57	6.03	TW-CAR
TW	302.6	2.84	CAR-TW
MC	305.44	3.85	TW-MC
TW	309.29	1.01	MC-TW
CAR	310.3	1.03	TW-CAR
COM	311.33	1.26	CAR-COM
MC	312.59	1.46	COM-MC
TW	314.05	2.08	MC-TW
HV	316.13	4.53	TW-HV
CAR	320.66	1.73	HV-CAR
HV	322.39	2.02	CAR-HV
TW	324.41	4.07	HV-TW
COM	328.48	5.6	TW-COM
COM	334.08	2.99	COM-COM
COM	337.07	4.53	COM-COM
MC	341.6	4.38	COM-MC
MC	345.98	1.57	MC-MC
HV	347.55	6.17	MC-HV
CAR	353.72	4.75	HV-CAR
HV	358.47	2.4	CAR-HV
CAR	360.87	3.75	HV-CAR
HV	364.62	2.32	CAR-HV
COM	366.94	3.26	HV-COM
COM	370.2	0.82	COM-COM
HV	371.02	2.17	COM-HV
MC	373.19	6	HV-MC
HV	379.19	2.44	MC-HV
COM	381.63	2.13	HV-COM
MC	383.76	1.75	COM-MC
TW	385.51	2.97	MC-TW
COM	388.48	4.44	TW-COM
HV	392.92	1.82	COM-HV
HV	394.74	4.6	HV-HV
COM	399.34	6.15	HV-COM
HV	405.49	2.32	COM-HV

CAR	444.84	3.39	HV-CAR
MC	448.23	1.94	CAR-MC
MC	450.17	2.15	MC-MC
HV	452.32	2.6	MC-HV
HV	454.92	0.82	HV-HV
HV	455.74	5.67	HV-HV
COM	461.41	5.04	HV-COM
TW	466.45	2.61	COM-TW
CAR	469.06	4.91	TW-CAR
CAR	473.97	0.92	CAR-CAR
TW	474.89	4.72	CAR-TW
MC	479.61	5.26	TW-MC
TW	484.87	1.59	MC-TW
MC	486.46	2.86	TW-MC
TW	489.32	6.03	MC-TW
COM	495.35	4.6	TW-COM
HV	499.95	3.57	COM-HV
MC	503.52	3.85	HV-MC
CAR	507.37	1.63	MC-CAR
CAR	509	1.97	CAR-CAR
COM	510.97	1.96	CAR-COM
MC	512.93	1.53	COM-MC
HV	514.46	3.42	MC-HV
HV	517.88	3.43	HV-HV
COM	521.31	1.48	HV-COM
MC	522.79	2.21	COM-MC
HV	525	3.93	MC-HV
TW	528.93	1.64	HV-TW
MC	530.57	2.02	TW-MC
HV	532.59	1.73	MC-HV
TW	534.32	3.13	HV-TW
TW	537.45	5.23	TW-TW
MC	542.68	2.72	TW-MC
TW	545.4	2.53	MC-TW
HV	547.93	0.47	TW-HV
MC	548.4	1.91	HV-MC
HV	550.31	1.9	MC-HV
HV	552.21	2.74	HV-HV
MC	554.95	2.27	HV-MC
HV	557.22	2.57	MC-HV
HV	559.79	3.81	HV-HV
COM	563.6	5.43	HV-COM
TW	569.03	1.28	COM-TW
MC	570.31	3.31	TW-MC
COM	573.62	2.4	MC-COM
HV	576.02	3.66	COM-HV
MC	579.68	1.99	HV-MC
MC	581.67	3.21	MC-MC
COM	584.88	1.98	MC-COM
MC	586.86	0.79	COM-MC
COM	587.65	1.22	MC-COM
HV	588.87	3.79	COM-HV
HV	592.66	3.48	HV-HV
MC	596.14	4.63	HV-MC
CAR	600.77	3.58	MC-CAR
TW	604.35	2.75	CAR-TW
HV	607.1	1.74	TW-HV
HV	608.84	2.9	HV-HV
TW	611.74	2.98	HV-TW
COM	614.72	4.31	TW-COM
COM	619.03	4	COM-COM
HV	623.03	1.98	COM-HV
HV	625.01	4.2	HV-HV
TW	629.21	1.81	HV-TW
MC	631.02	1.68	TW-MC
COM	632.7	1.67	MC-COM
MC	634.37	3.18	COM-MC
COM	637.55	4.09	MC-COM
COM	641.64	1.05	COM-COM
COM	642.69	4.05	COM-COM
MC	646.74	2.06	COM-MC
TW	648.8	3.73	MC-TW
COM	652.53	1.38	TW-COM
COM	653.91	5.55	COM-COM
HV	659.46	4.42	COM-HV
CAR	663.88	3.19	HV-CAR
CAR	667.07	3.92	CAR-CAR
TW	670.99	1.41	CAR-TW
CAR	672.4	1.79	TW-CAR
MC	674.19	0.98	CAR-MC
HV	675.17	1.78	MC-HV
HV	676.95	3.26	HV-HV
COM	680.21	3.09	HV-COM
COM	683.3	2.54	COM-COM
COM	685.84	0.46	COM-COM
CAR	686.3	4.49	COM-CAR
MC	690.79	3.78	CAR-MC
CAR	694.57	4.25	MC-CAR
HV	698.82	2.95	CAR-HV
COM	701.77	2.2	HV-COM
COM	703.97	6.75	COM-COM
TW	710.72	2.32	COM-TW
COM	713.04	0.81	TW-COM
MC	713.85	3.9	COM-MC
HV	717.75	5.87	MC-HV
TW	723.62	1.45	HV-TW
MC	725.07	2.51	TW-MC
TW	727.58	1.28	MC-TW
HV	728.86	3.22	TW-HV
COM	732.08	2.06	HV-COM
CAR	734.14	4	COM-CAR
MC	738.14	2.18	CAR-MC
COM	740.32	2.98	MC-COM
CAR	743.3	1.91	COM-CAR
COM	745.21	2.91	CAR-COM
CAR	748.12	2.38	COM-CAR
COM	750.5	7.02	CAR-COM
TW	757.52	5.14	COM-TW
MC	762.66	3.46	TW-MC
COM	766.12	4.23	MC-COM
TW	770.35	2.32	COM-TW
COM	772.67	4.47	TW-COM
TW	777.14	2.01	COM-TW
COM	779.15	7.21	TW-COM
MC	786.36	3.53	COM-MC
MC	789.89	4.74	MC-MC
CAR	794.63	1.65	MC-CAR
TW	796.28	0.89	CAR-TW
MC	797.17	4.1	TW-MC
MC	801.27	0.99	MC-MC
COM	802.26	4.14	MC-COM
MC	806.4	4.39	COM-MC
HV	810.79	1.98	MC-HV
HV	812.77	2.91	HV-HV
CAR	815.68	4.24	HV-CAR
MC	819.92	1.27	CAR-MC
HV	821.19	2.73	MC-HV
HV	823.92	0.91	HV-HV
TW	824.83	1.54	HV-TW
HV	826.37	0.97	TW-HV
CAR	827.34	4.4	HV-CAR
CAR	831.74	4.37	CAR-CAR
CAR	836.11	6.19	CAR-CAR
MC	842.3	4.51	CAR-MC
HV	846.81	2.65	MC-HV
TW	849.46	1.98	HV-TW
TW	851.44	2.04	TW-TW
MC	853.48	1.57	TW-MC
CAR	855.05	1.47	MC-CAR
COM	856.52	4.42	CAR-COM
MC	860.94	2.1	COM-MC
COM	863.04	2.56	MC-COM
TW	865.6	2.15	COM-TW
HV	867.75	4.99	TW-HV
TW	872.74	3.35	HV-TW
HV	876.09	1.33	TW-HV
HV	877.42	1.92	HV-HV
HV	879.34	2.85	HV-HV
MC	882.19	3.21	HV-MC
HV	885.4		MC-HV

HV	428.45	2.94	HV-HV
COM	431.39	7.66	HV-COM
TW	439.05	0.68	COM-TW
CAR	439.73	3.67	TW-CAR
COM	443.4	4.21	CAR-COM
TW	447.61	1.36	COM-TW
CAR	448.97	0.68	TW-CAR
COM	449.65	1.18	CAR-COM
HV	450.83	2.99	COM-HV
COM	453.82	4.1	HV-COM
HV	457.92	3.94	COM-HV
TW	461.86	2.73	HV-TW
HV	464.59	3.99	TW-HV
MC	468.58	2.16	HV-MC
CAR	470.74	3.65	MC-CAR
CAR	474.39	1.34	CAR-CAR
COM	475.73	2.48	CAR-COM
HV	478.21	1.61	COM-HV
HV	479.82	2.52	HV-HV
MC	482.34	5.62	HV-MC
TW	487.96	5.64	MC-TW
HV	493.6	2.12	TW-HV
TW	495.72	2.64	HV-TW
TW	498.36	3.65	TW-TW
TW	502.01	2.08	TW-TW
HV	504.09	1.47	TW-HV
TW	505.56	1.17	HV-TW
TW	506.73	3.71	TW-TW
MC	510.44	2.3	TW-MC
CAR	512.74	1.05	MC-CAR
MC	513.79	3.26	CAR-MC
CAR	517.05	0.81	MC-CAR
TW	517.86	1.35	CAR-TW
TW	519.21	2.68	TW-TW
TW	521.89	2.35	TW-TW
TW	524.24	1.55	TW-TW
MC	525.79	3.36	TW-MC
TW	529.15	0.56	MC-TW
TW	529.71	5.07	TW-TW
HV	534.78	5.5	TW-HV
TW	540.28	1.04	HV-TW
CAR	541.32	0.91	TW-CAR
MC	542.23	2.03	CAR-MC
CAR	544.26	5.34	MC-CAR
MC	549.6	1.36	CAR-MC
COM	550.96	1.8	MC-COM
MC	552.76	2.03	COM-MC
TW	554.79	1.4	MC-TW
MC	556.19	2.67	TW-MC
TW	558.86	6.89	MC-TW
CAR	565.75	4.22	TW-CAR
TW	569.97	4.02	CAR-TW
COM	573.99	4.07	TW-COM
CAR	578.06	4.33	COM-CAR
TW	582.39	4.71	CAR-TW
MC	587.1	3.42	TW-MC
HV	590.52	2.53	MC-HV
TW	593.05	5.82	HV-TW
TW	598.87	6.75	TW-TW
CAR	605.62	7.6	TW-CAR
CAR	613.22	2.53	CAR-CAR
TW	615.75	1.82	CAR-TW
COM	617.57	2.28	TW-COM
COM	619.85	1.63	COM-COM
CAR	621.48	4.57	COM-CAR
MC	626.05	2	CAR-MC
TW	628.05	5.05	MC-TW
COM	633.1	2.27	TW-COM
CAR	635.37	0.83	COM-CAR
MC	636.2	4.56	CAR-MC
TW	640.76	2.25	MC-TW
MC	643.01	3.3	TW-MC
HV	646.31	3.02	MC-HV
MC	649.33	3.69	HV-MC
CAR	653.02	2.44	MC-CAR
TW	655.46	4.07	CAR-TW
COM	659.53	3.05	TW-COM
COM	662.58	4.26	COM-COM
TW	666.84	2.36	COM-TW
HV	669.2	3.43	TW-HV
TW	672.63	2.74	HV-TW
TW	675.37	1.53	TW-TW
COM	676.9	5.47	TW-COM
TW	682.37	1.82	COM-TW
TW	684.19	2.2	TW-TW
HV	686.39	0.91	TW-HV
COM	687.3	1.93	HV-COM
HV	689.23	3.3	COM-HV
CAR	692.53	2.74	HV-CAR
MC	695.27	1.68	CAR-MC
TW	696.95	1.05	MC-TW
TW	698	4.13	TW-TW
COM	702.13	6.03	TW-COM
MC	708.16	2.41	COM-MC
CAR	710.57	4.07	MC-CAR
CAR	714.64	2.5	CAR-CAR
COM	717.14	2.69	CAR-COM
HV	719.83	2.96	COM-HV
TW	722.79	1.45	HV-TW
MC	724.24	1.93	TW-MC
MC	726.17	3.32	MC-MC
HV	729.49	3.93	MC-HV
COM	733.42	1.44	HV-COM
TW	734.86	3.98	COM-TW
TW	738.84	3.87	TW-TW
CAR	742.71	4.31	TW-CAR
MC	747.02	3.28	CAR-MC
COM	750.3	5.45	MC-COM
COM	755.75	2.36	COM-COM
COM	758.11	2.51	COM-COM
COM	760.62	3.53	COM-COM
TW	764.15	2.51	COM-TW
CAR	766.66	1.37	TW-CAR
COM	768.03	2.68	CAR-COM
COM	770.71	5.62	COM-COM
MC	776.33	4.12	COM-MC
HV	780.45	2.55	MC-HV
CAR	783	2.55	HV-CAR
COM	785.55	2.76	CAR-COM
CAR	788.31	3.28	COM-CAR
TW	791.59	3.25	CAR-TW
MC	794.84	2.3	TW-MC
TW	797.14	2.35	MC-TW
COM	799.49	0.52	TW-COM
TW	800.01	1.39	COM-TW
TW	801.4	2.54	TW-TW
CAR	803.94	4.87	TW-CAR
MC	808.81	3.97	CAR-MC
MC	812.78	2.38	MC-MC
TW	815.16	2.77	MC-TW
COM	817.93	3.36	TW-COM
CAR	821.29	5.09	COM-CAR
MC	826.38	1.76	CAR-MC
TW	828.14	1.1	MC-TW
CAR	829.24	0.83	TW-CAR
TW	830.07	6.85	CAR-TW
HV	836.92	1.38	TW-HV
MC	838.3	4.31	HV-MC
CAR	842.61	2.83	MC-CAR
MC	845.44	5.44	CAR-MC
MC	850.88	1.1	MC-MC
CAR	851.98	1.8	MC-CAR
HV	853.78	2.9	CAR-HV
TW	856.68	3.12	HV-TW
TW	859.8	2.71	TW-TW
MC	862.51	2.05	TW-MC
TW	864.56	1.3	MC-TW
TW	865.86	4.39	TW-TW
CAR	870.25	3.61	TW-CAR
TW	873.86	4.67	CAR-TW
COM	878.53	1.96	TW-COM
MC	880.49	3.37	COM-MC
CAR	883.86		MC-CAR

TW	407.81	1.96	HV-TW
COM	409.77	2.79	TW-COM
TW	412.56	2.71	COM-TW
CAR	415.27	2.19	TW-CAR
MC	417.46	3.54	CAR-MC
MC	421	7.78	MC-MC
CAR	428.78	2.73	MC-CAR
TW	431.51	4.13	CAR-TW
HV	435.64	8.74	TW-HV
TW	444.38	2.99	HV-TW
COM	447.37	3.15	TW-COM
MC	450.52	5.12	COM-MC
TW	455.64	2.69	MC-TW
COM	458.33	1.65	TW-COM
HV	459.98	2.83	COM-HV
COM	462.81	3.22	HV-COM
TW	466.03	6.68	COM-TW
CAR	472.71	2.68	TW-CAR
HV	475.39	4.29	CAR-HV
HV	479.68	2.58	HV-HV
HV	482.26	1.72	HV-HV
CAR	483.98	2.15	HV-CAR
TW	486.13	1.51	CAR-TW
CAR	487.64	4.07	TW-CAR
TW	491.71	3.12	CAR-TW
CAR	494.83	3.24	TW-CAR
MC	498.07	5.58	CAR-MC
COM	503.65	4.95	MC-COM
MC	508.6	1.94	COM-MC
COM	510.54	2.1	MC-COM
COM	512.64	5.95	COM-COM
HV	518.59	4.18	COM-HV
COM	522.77	3.13	HV-COM
HV	525.9	1.47	COM-HV
MC	527.37	3.17	HV-MC
COM	530.54	1.13	MC-COM
COM	531.67	4.08	COM-COM
HV	535.75	1.83	COM-HV
HV	537.58	3.27	HV-HV
HV	540.85	4.24	HV-HV
CAR	545.09	2.54	HV-CAR
CAR	547.63	2.06	CAR-CAR
TW	549.69	3.49	CAR-TW
CAR	553.18	1.58	TW-CAR
COM	554.76	4.88	CAR-COM
TW	559.64	0.88	COM-TW
HV	560.52	4.24	TW-HV
HV	564.76	1.39	HV-HV
CAR	566.15	3.02	HV-CAR
TW	569.17	4	CAR-TW
HV	573.17	1.28	TW-HV
HV	574.45	6.29	HV-HV
CAR	580.74	3.88	HV-CAR
COM	584.62	4.04	CAR-COM
CAR	588.66	1.52	COM-CAR
MC	590.18	1.07	CAR-MC
CAR	591.25	6.05	MC-CAR
HV	597.3	0.59	CAR-HV
HV	597.89	2.56	HV-HV
CAR	600.45	0.69	HV-CAR
TW	601.14	5.2	CAR-TW
HV	606.34	4.75	TW-HV
HV	611.09	3.36	HV-HV
COM	614.45	3.2	HV-COM
TW	617.65	2.21	COM-TW
HV	619.86	2.08	TW-HV
HV	621.94	6.5	HV-HV
MC	628.44	0.58	HV-MC
TW	629.02	2.27	MC-TW
TW	631.29	4.53	TW-TW
TW	635.82	1.32	TW-TW
COM	637.14	3.39	TW-COM
COM	640.53	1.93	COM-COM
TW	642.46	1.71	COM-TW
CAR	644.17	3.59	TW-CAR
CAR	647.76	1.65	CAR-CAR
COM	649.41	4.72	CAR-COM
COM	654.13	3.43	COM-COM
CAR	657.56	1.68	COM-CAR
HV	659.24	3.02	CAR-HV
MC	662.26	2.75	HV-MC
MC	665.01	3.98	MC-MC
CAR	668.99	2.35	MC-CAR
TW	671.34	0.58	CAR-TW
CAR	671.92	2.22	TW-CAR
COM	674.14	4.15	CAR-COM
CAR	678.29	3	COM-CAR
COM	681.29	1.12	CAR-COM
TW	682.41	1.16	COM-TW
MC	683.57	0.58	TW-MC
HV	684.15	1.79	MC-HV
CAR	685.94	5.61	HV-CAR
MC	691.55	0.5	CAR-MC
COM	692.05	4.23	MC-COM
CAR	696.28	2.59	COM-CAR
TW	698.87	1.3	CAR-TW
COM	700.17	3.34	TW-COM
CAR	703.51	2.23	COM-CAR
MC	705.74	4.66	CAR-MC
COM	710.4	2.15	MC-COM
MC	712.55	3.17	COM-MC
TW	715.72	2.67	MC-TW
MC	718.39	1.47	TW-MC
MC	719.86	3.17	MC-MC
COM	723.03	3.89	MC-COM
COM	726.92	1.96	COM-COM
COM	728.88	3.89	COM-COM
MC	732.77	3.86	COM-MC
TW	736.63	0.65	MC-TW
TW	737.28	8.08	TW-TW
MC	745.36	2.93	TW-MC
HV	748.29	6.61	MC-HV
CAR	754.9	5.73	HV-CAR
COM	760.63	7.15	CAR-COM
COM	767.78	2.16	COM-COM
COM	769.94	2.45	COM-COM
CAR	772.39	4.43	COM-CAR
CAR	776.82	2.38	CAR-CAR
HV	779.2	2.16	CAR-HV
HV	781.36	6.05	HV-HV
HV	787.41	5.42	HV-HV
TW	792.83	9.7	HV-TW
CAR	802.53	2.57	TW-CAR
COM	805.1	5.54	CAR-COM
COM	810.64	1.46	COM-COM
HV	812.1	4.57	COM-HV
CAR	816.67	5.56	HV-CAR
TW	822.23	3.03	CAR-TW
CAR	825.26	3.75	TW-CAR
COM	829.01	4.26	CAR-COM
HV	833.27	2.12	COM-HV
MC	835.39	8.9	HV-MC
HV	844.29	2.06	MC-HV
TW	846.35	1.8	HV-TW
COM	848.15	1.36	TW-COM
MC	849.51	2.66	COM-MC
CAR	852.17	10.38	MC-CAR
COM	862.55	2.96	CAR-COM
MC	865.51	4.71	COM-MC
CAR	870.22	5.46	MC-CAR
CAR	875.68	2.97	CAR-CAR
MC	878.65	3.52	CAR-MC
TW	882.17	4.41	MC-TW
CAR	886.58	1.88	TW-CAR
TW	888.46	1.21	CAR-TW
TW	889.67		TW-TW

ANNEX - 2 - Time Headway Data 400-1200 Veh/hr Flow Range

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	51
To	Gatabe	TW	44
Side	LHS	CAR	46
Lane	Inner	COM	43
Video name	11700	HV	34
Time started	5:00 PM	SUM	218
Time finished	5:15 PM		
Traffic count (15Min)	218	Veh	
Traffic flow rate	872	Veh/hr	
		Headway (Sec)	Pairwise
TW	0	6.18	
COM	6.18	2.71	TW-COM
CAR	8.89	3.97	COM-CAR
MC	12.86	6.18	CAR-MC
TW	19.04	3.9	MC-TW
TW	22.94	4.85	TW-TW
MC	27.79	3.12	TW-MC
MC	30.91	2.13	MC-MC
COM	33.04	5.37	MC-COM
COM	38.41	3.16	COM-COM
CAR	41.57	1.73	COM-CAR
CAR	43.3	2.28	CAR-CAR
CAR	45.58	3.37	CAR-CAR
HV	48.95	3.24	CAR-HV
COM	52.19	5.08	HV-COM
MC	57.27	3.17	COM-MC
MC	60.44	3.08	MC-MC
COM	63.52	5.44	MC-COM
MC	68.96	4.95	COM-MC
CAR	73.91	7.42	MC-CAR
TW	81.33	5.72	CAR-TW
MC	87.05	6.77	TW-MC
MC	93.82	5.98	MC-MC
CAR	99.8	3.53	MC-CAR
HV	103.33	3.36	CAR-HV
MC	106.69	2.35	HV-MC
COM	109.04	2.35	MC-COM
COM	111.39	1.67	COM-COM
HV	113.06	3.49	COM-HV
MC	116.55	1.38	HV-MC
MC	117.93	4.05	MC-MC
MC	121.98	5.24	MC-MC
CAR	127.22	1.92	MC-CAR
COM	129.14	3.88	CAR-COM
HV	133.02	6.61	COM-HV
CAR	139.63	4.76	HV-CAR
HV	144.39	3.63	CAR-HV
TW	148.02	3.81	HV-TW
CAR	151.83	11.15	TW-CAR
CAR	162.98	10.26	CAR-CAR
TW	173.24	3.88	CAR-TW
CAR	177.12	3.34	TW-CAR
MC	180.46	3.93	CAR-MC
TW	184.39	3.12	MC-TW
MC	187.51	6.23	TW-MC
CAR	193.74	1.18	MC-CAR
CAR	194.92	7.3	CAR-CAR
COM	202.22	3.62	CAR-COM
MC	205.84	6.49	COM-MC
CAR	212.33	7.28	MC-CAR
COM	219.61	3.5	CAR-COM
CAR	223.11	1.39	COM-CAR
COM	224.5	8.45	CAR-COM
COM	232.95	5.05	COM-COM
TW	238	4.05	COM-TW
COM	242.05	3.55	TW-COM
HV	245.6	7.86	COM-HV
TW	253.46	5.48	HV-TW
TW	258.94	3.93	TW-TW
HV	262.87	4.04	TW-HV
COM	266.91	4.91	HV-COM
MC	271.82	1.51	COM-MC
CAR	273.33	3.03	MC-CAR
COM	276.36	2.64	CAR-COM
TW	279	5.26	COM-TW
TW	284.26	2.67	TW-TW
MC	286.93	1.28	TW-MC
HV	288.21	0.53	MC-HV
MC	288.74	1.41	HV-MC
MC	290.15	1.34	MC-MC
TW	291.49	11.71	MC-TW
TW	303.2	2.52	TW-TW
MC	305.72	5	TW-MC
MC	310.72	2.51	MC-MC
MC	313.23	3.06	MC-MC
MC	316.29	1.88	MC-MC
COM	318.17	2.52	MC-COM
MC	320.69	3.15	COM-MC
MC	323.84	10.85	MC-MC
TW	334.69	4.22	MC-TW
TW	338.91	3.83	TW-TW
COM	342.74	3.89	TW-COM
HV	346.63	3.8	COM-HV
CAR	350.43	8.03	HV-CAR
TW	358.46	6.89	CAR-TW
COM	365.35	4.46	TW-COM
CAR	369.81	5.09	COM-CAR
TW	374.9	2.69	CAR-TW
HV	377.59	4.22	TW-HV
COM	381.81	3.7	HV-COM
HV	385.51	3.01	COM-HV
CAR	388.52	1.15	HV-CAR
MC	389.67	2.05	CAR-MC
HV	391.72	7.37	MC-HV
COM	399.09	5.77	HV-COM
HV	404.86	2.42	COM-HV
COM	407.28	3.03	HV-COM
HV	410.31	3.02	COM-HV
CAR	413.33	5.5	HV-CAR
TW	418.83	3.28	CAR-TW
COM	422.11	4.61	TW-COM
MC	426.72	3.49	COM-MC
CAR	430.21	2.4	MC-CAR
TW	432.61	3.07	CAR-TW
CAR	435.68	7.76	TW-CAR
CAR	443.44	1.6	CAR-CAR
COM	445.04	4.14	CAR-COM
COM	449.18	3.42	COM-COM
COM	452.6	4.06	COM-COM
MC	456.66	5.86	COM-MC
CAR	462.52	6.44	MC-CAR
MC	468.96	4.11	CAR-MC
CAR	473.07	7.59	MC-CAR
TW	480.66	3.59	CAR-TW
TW	484.25	4.46	TW-TW
COM	488.71	1.52	TW-COM
HV	490.23	2.03	COM-HV
MC	492.26	3.69	HV-MC
MC	495.95	4.69	MC-MC
CAR	500.64	4.95	MC-CAR
MC	505.59	3.6	CAR-MC
COM	509.19	4.13	MC-COM
CAR	513.32	2.27	COM-CAR
HV	515.59	4.5	CAR-HV
TW	520.09	2.79	HV-TW
HV	522.88	3.23	TW-HV
COM	526.11	7.8	HV-COM
MC	533.91	4.35	COM-MC
CAR	538.26	4.54	MC-CAR
TW	542.8	3.43	CAR-TW
MC	546.23	2.54	TW-MC
CAR	548.77	4.71	MC-CAR
MC	553.48	4.07	CAR-MC
CAR	557.55	3.21	MC-CAR
TW	560.76	9.14	CAR-TW
HV	569.9	5.51	TW-HV
TW	575.41	3.81	HV-TW
TW	579.22	3.71	TW-TW

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	66
To	Gatabe	TW	61
Side	LHS	CAR	57
Lane	Inner	COM	43
Video name	12000	HV	56
Time started	5:15 PM	SUM	283
Time finished	5:30 AM		
Traffic count (15Min)	283	Veh	
Traffic flow rate	1132	Veh/hr	
		Headway (Sec)	Pairwise
TW	0	1.12	
COM	1.12	4.11	TW-COM
COM	5.23	6.59	COM-COM
MC	11.82	5.52	COM-MC
TW	17.34	5.08	MC-TW
TW	22.42	2.22	TW-TW
TW	24.64	3.67	TW-TW
COM	28.31	2.82	TW-COM
COM	31.13	4.04	COM-COM
COM	35.17	9.5	COM-COM
COM	44.67	4.3	COM-COM
TW	48.97	5.98	COM-TW
CAR	54.95	5.27	TW-CAR
HV	60.22	1.29	CAR-HV
MC	61.51	2.84	HV-MC
CAR	64.35	6.8	MC-CAR
CAR	71.15	1.83	CAR-CAR
COM	72.98	4.2	CAR-COM
COM	77.18	2	COM-COM
HV	79.18	4.42	COM-HV
TW	83.6	8.37	HV-TW
TW	91.97	1.5	TW-TW
CAR	93.47	2.91	TW-CAR
TW	96.38	1.3	CAR-TW
TW	97.68	3.62	TW-TW
CAR	101.3	4.14	TW-CAR
CAR	105.44	0.91	CAR-CAR
MC	106.35	3.51	CAR-MC
TW	109.86	12.45	MC-TW
HV	122.31	3.83	TW-HV
CAR	126.14	2.73	HV-CAR
MC	128.87	2.97	CAR-MC
MC	131.84	2.29	MC-MC
TW	134.13	3.68	MC-TW
MC	137.81	5.18	TW-MC
CAR	142.99	0.95	MC-CAR
MC	143.94	3.99	CAR-MC
HV	147.93	3.44	MC-HV
HV	151.37	3.79	HV-HV
MC	155.16	1.46	HV-MC
TW	156.62	3.75	MC-TW
MC	160.37	6.51	TW-MC
MC	166.88	3.07	MC-MC
MC	169.95	3.48	MC-MC
HV	173.43	1.11	MC-HV
COM	174.54	2.76	HV-COM
CAR	177.3	6.13	COM-CAR
MC	183.43	2.99	CAR-MC
TW	186.42	3.2	MC-TW
TW	189.62	7.76	TW-TW
CAR	197.38	2.89	TW-CAR
TW	200.27	2.15	CAR-TW
COM	202.42	4.66	TW-COM
HV	207.08	4.73	COM-HV
MC	211.81	0.72	HV-MC
COM	212.53	3.31	MC-COM
COM	215.84	4.14	COM-COM
MC	219.98	1.47	COM-MC
COM	221.45	1.89	MC-COM
MC	223.34	2.97	COM-MC
CAR	226.31	3.42	MC-CAR
COM	229.73	1.77	CAR-COM
COM	231.5	1.02	COM-COM
CAR	232.52	4.67	COM-CAR
CAR	237.19	2.19	CAR-CAR
TW	239.38	7.52	CAR-TW
COM	246.9	0.94	TW-COM
HV	247.84	1.13	COM-HV
TW	248.97	1.22	HV-TW
CAR	250.19	2.74	TW-CAR
COM	252.93	2.76	CAR-COM
HV	255.69	4.91	COM-HV
HV	260.6	5.42	HV-HV
COM	266.02	4.3	HV-COM
COM	270.32	3.66	COM-COM
HV	273.98	0.24	COM-HV
COM	274.22	1.06	HV-COM
TW	275.28	5.52	COM-TW
HV	280.8	1.22	TW-HV
COM	282.02	1.29	HV-COM
MC	283.31	4.29	COM-MC
CAR	287.6	3.28	MC-CAR
MC	290.88	7.32	CAR-MC
TW	298.2	1.89	MC-TW
HV	300.09	2.05	TW-HV
MC	302.14	1.99	HV-MC
CAR	304.13	3.85	MC-CAR
TW	307.98	1.66	CAR-TW
MC	309.64	4.09	TW-MC
HV	313.73	4.82	MC-HV
TW	318.55	0.34	HV-TW
CAR	318.89	2.6	TW-CAR
COM	321.49	2.52	CAR-COM
CAR	324.01	1.62	COM-CAR
CAR	325.63	4.2	CAR-CAR
CAR	329.83	6.51	CAR-CAR
CAR	336.34	3.2	CAR-CAR
MC	339.54	1.57	CAR-MC
CAR	341.11	3.7	MC-CAR
MC	344.81	5.79	CAR-MC
COM	350.6	3.9	MC-COM
MC	354.5	1.45	COM-MC
TW	355.95	3.83	MC-TW
CAR	359.78	1.32	TW-CAR
CAR	361.1	1.78	CAR-CAR
CAR	362.88	5.68	CAR-CAR
TW	368.56	2.45	CAR-TW
TW	371.01	1.45	TW-TW
HV	372.46	0.79	TW-HV
MC	373.25	2.41	HV-MC
MC	375.66	2.99	MC-MC
COM	378.65	0.97	MC-COM
CAR	379.62	0.65	COM-CAR
HV	380.27	1.96	CAR-HV
COM	382.23	3.11	HV-COM
CAR	385.34	5.58	COM-CAR
MC	390.92	1.7	CAR-MC
CAR	392.62	0.75	MC-CAR
HV	393.37	1.83	CAR-HV
CAR	395.2	4.82	HV-CAR
CAR	400.02	8.24	CAR-CAR
MC	408.26	2.39	CAR-MC
CAR	410.65	2	MC-CAR
CAR	412.65	2.63	CAR-CAR
CAR	415.28	2.3	CAR-CAR
CAR	417.58	2.45	CAR-CAR
TW	420.03	3.93	CAR-TW
MC	423.96	0.75	TW-MC
CAR	424.71	0.72	MC-CAR
COM	425.43	1.69	CAR-COM
CAR	427.12	6.98	COM-CAR
MC	434.1	3.05	CAR-MC
MC	437.15	1.87	MC-MC
HV	439.02	3.83	MC-HV
TW	442.85	4.4	HV-TW
MC	447.25	1.07	TW-MC
TW	448.32	2.54	MC-TW
CAR	450.86	2.89	TW-CAR

TW	582.93	4.6	TW-TW
MC	587.53	1.85	TW-MC
MC	589.38	2.33	MC-MC
HV	591.71	3.13	MC-HV
HV	594.84	3.32	HV-HV
TW	598.16	2.42	HV-TW
MC	600.58	1.86	TW-MC
MC	602.44	4.01	MC-MC
COM	606.45	3.15	MC-COM
CAR	609.6	8.44	COM-CAR
TW	618.04	2.52	CAR-TW
MC	620.56	4.31	TW-MC
HV	624.87	2.34	MC-HV
COM	627.21	1.51	HV-COM
TW	628.72	3.74	COM-TW
HV	632.46	1.85	TW-HV
COM	634.31	3.88	HV-COM
CAR	638.19	1.95	COM-CAR
HV	640.14	2.73	CAR-HV
MC	642.87	6.34	HV-MC
MC	649.21	3	MC-MC
MC	652.21	4.13	MC-MC
CAR	656.34	4.13	MC-CAR
COM	660.47	6.2	CAR-COM
MC	666.67	3.72	COM-MC
COM	670.39	5.22	MC-COM
TW	675.61	3.48	COM-TW
TW	679.09	3.45	TW-TW
COM	682.54	2.37	TW-COM
MC	684.91	4.24	COM-MC
TW	689.15	8.33	MC-TW
CAR	697.48	12.52	TW-CAR
COM	710	2.39	CAR-COM
CAR	712.39	4.2	COM-CAR
COM	716.59	4.33	CAR-COM
HV	720.92	2.49	COM-HV
TW	723.41	4.22	HV-TW
HV	727.63	1.25	TW-HV
TW	728.88	3.85	HV-TW
HV	732.73	4.93	TW-HV
HV	737.66	1.55	HV-HV
MC	739.21	3.41	HV-MC
COM	742.62	6.78	MC-COM
HV	749.4	2.29	COM-HV
MC	751.69	4.15	HV-MC
HV	755.84	7.79	MC-HV
TW	763.63	6.84	HV-TW
CAR	770.47	3.76	TW-CAR
COM	774.23	3.23	CAR-COM
COM	777.46	3.19	COM-COM
HV	780.65	3.37	COM-HV
HV	784.02	1.06	HV-HV
COM	785.08	3.13	HV-COM
TW	788.21	4.65	COM-TW
HV	792.86	7.06	TW-HV
MC	799.92	3.61	HV-MC
CAR	803.53	1.97	MC-CAR
MC	805.5	2.83	CAR-MC
MC	808.33	4.11	MC-MC
COM	812.44	2.88	MC-COM
CAR	815.32	1.66	COM-CAR
CAR	816.98	3.7	CAR-CAR
TW	820.68	2.42	CAR-TW
HV	823.1	3.62	TW-HV
MC	826.72	0.53	HV-MC
HV	827.25	5.09	MC-HV
TW	832.34	2.31	HV-TW
COM	834.65	4.03	TW-COM
CAR	838.68	6.88	COM-CAR
COM	845.56	2.6	CAR-COM
TW	848.16	2.89	COM-TW
CAR	851.05	2.42	TW-CAR
CAR	853.47	4.33	CAR-CAR
CAR	857.8	2.79	CAR-CAR
CAR	860.59	4.32	CAR-CAR
TW	864.91	1.26	CAR-TW
CAR	866.17	2.45	TW-CAR
CAR	868.62	3.57	CAR-CAR
TW	872.19	8.88	CAR-TW
TW	881.07		TW-TW

HV	453.75	4.74	CAR-HV
CAR	458.49	3.25	HV-CAR
MC	461.74	2.26	CAR-MC
HV	464	0.77	MC-HV
TW	464.77	0.65	HV-TW
HV	465.42	7.14	TW-HV
HV	472.56	3.77	HV-HV
CAR	476.33	1.3	HV-CAR
HV	477.63	3.58	CAR-HV
MC	481.21	0.56	HV-MC
TW	481.77	1.11	MC-TW
MC	482.88	2.82	TW-MC
HV	485.7	5.17	MC-HV
TW	490.87	2.21	HV-TW
MC	493.08	0.93	TW-MC
TW	494.01	1.84	MC-TW
COM	495.85	3.25	TW-COM
HV	499.1	2.85	COM-HV
COM	501.95	4.26	HV-COM
MC	506.21	2.92	COM-MC
TW	509.13	5.52	MC-TW
MC	514.65	2.85	TW-MC
CAR	517.5	2.02	MC-CAR
MC	519.52	3.24	CAR-MC
HV	522.76	2.22	MC-HV
MC	524.98	2.65	HV-MC
MC	527.63	1.91	MC-MC
COM	529.54	1.79	MC-COM
CAR	531.33	1.87	COM-CAR
CAR	533.2	1.89	CAR-CAR
HV	535.09	2.32	CAR-HV
MC	537.41	4.26	HV-MC
CAR	541.67	1.94	MC-CAR
HV	543.61	3.22	CAR-HV
TW	546.83	1.75	HV-TW
CAR	548.58	4.02	TW-CAR
MC	552.6	1.93	CAR-MC
HV	554.53	1.51	MC-HV
CAR	556.04	1.08	HV-CAR
TW	557.12	4.38	CAR-TW
MC	561.5	3.48	TW-MC
CAR	564.98	0.84	MC-CAR
HV	565.82	3.11	CAR-HV
TW	568.93	6.34	HV-TW
MC	575.27	2.72	TW-MC
TW	577.99	1.97	MC-TW
HV	579.96	4.17	TW-HV
MC	584.13	1.09	HV-MC
COM	585.22	2.59	MC-COM
CAR	587.81	4.49	COM-CAR
HV	592.3	1.29	CAR-HV
TW	593.59	0.85	HV-TW
TW	594.44	7.4	TW-TW
MC	601.84	5.16	TW-MC
HV	607	5.19	MC-HV
COM	612.19	5.83	HV-COM
COM	618.02	4.49	COM-COM
HV	622.51	0.97	COM-HV
HV	623.48	3.35	HV-HV
COM	626.83	1.46	HV-COM
COM	628.29	2.69	COM-COM
COM	630.98	0.9	COM-COM
MC	631.88	2.82	COM-MC
HV	634.7	2.51	MC-HV
MC	637.21	5.22	HV-MC
HV	642.43	3.35	MC-HV
MC	645.78	3.61	HV-MC
COM	649.39	4.37	MC-COM
MC	653.76	1.83	COM-MC
TW	655.59	3.26	MC-TW
MC	658.85	3.35	TW-MC
CAR	662.2	1.56	MC-CAR
MC	663.76	2.8	CAR-MC
TW	666.56	3.34	MC-TW
MC	669.9	1.25	TW-MC
CAR	671.15	3.77	MC-CAR
TW	674.92	2.35	CAR-TW
HV	677.27	4.04	TW-HV
TW	681.31	1.28	HV-TW
MC	682.59	2.64	TW-MC
HV	685.23	5.64	MC-HV
TW	690.87	6.07	HV-TW
HV	696.94	6.25	TW-HV
CAR	703.19	7.75	HV-CAR
TW	710.94	4.31	CAR-TW
MC	715.25	2.63	TW-MC
CAR	717.88	2.92	MC-CAR
TW	720.8	4.91	CAR-TW
TW	725.71	1.6	TW-TW
CAR	727.31	3.2	TW-CAR
MC	730.51	2.06	CAR-MC
MC	732.57	1.82	MC-MC
HV	734.39	3.42	MC-HV
HV	737.81	1.56	HV-HV
TW	739.37	1.76	HV-TW
TW	741.13	2.39	TW-TW
COM	743.52	3.95	TW-COM
HV	747.47	7.05	COM-HV
TW	754.52	1.21	HV-TW
MC	755.73	2.6	TW-MC
TW	758.33	3.28	MC-TW
TW	761.61	1.05	TW-TW
HV	762.66	3.18	TW-HV
COM	765.84	1.3	HV-COM
HV	767.14	2.43	COM-HV
COM	769.57	3.06	HV-COM
HV	772.63	2.17	COM-HV
CAR	774.8	9.97	HV-CAR
MC	784.77	3.57	CAR-MC
TW	788.34	3.51	MC-TW
HV	791.85	4.98	TW-HV
COM	796.83	1.16	HV-COM
HV	797.99	3.08	COM-HV
MC	801.07	0.84	HV-MC
MC	801.91	0.76	MC-MC
COM	802.67	2.9	MC-COM
MC	805.57	0.51	COM-MC
MC	806.08	3.73	MC-MC
MC	809.81	2.25	MC-MC
MC	812.06	1.71	MC-MC
TW	813.77	3.89	MC-TW
TW	817.66	4.6	TW-TW
HV	822.26	2.98	TW-HV
TW	825.24	2.84	HV-TW
HV	828.08	4.1	TW-HV
HV	832.18	3.24	HV-HV
HV	835.42	3.67	HV-HV
CAR	839.09	3.07	HV-CAR
MC	842.16	4.73	CAR-MC
TW	846.89	2.92	MC-TW
COM	849.81	3.28	TW-COM
HV	853.09	3.38	COM-HV
HV	856.47	3.58	HV-HV
CAR	860.05	4.1	HV-CAR
TW	864.15	0.55	CAR-TW
TW	864.7	4.91	TW-TW
HV	869.61	6.94	TW-HV
COM	876.55	1.26	HV-COM
TW	877.81	1.91	COM-TW
CAR	879.72	2.16	TW-CAR
HV	881.88	1.73	CAR-HV
MC	883.61	3.35	HV-MC
TW	886.96	3.29	MC-TW
CAR	890.25	2.25	TW-CAR
TW	892.5		CAR-TW

APPENDIX - 3:

ANNEX - 3 - Time Headway Data > 1200 Veh/hr Flow Range

Road Name	A4 - Road	Vehicle summary	
From	Kottawa	MC	82
To	Colombo	TW	78
Side	RHS	CAR	74
Lane	Inner	COM	80
Video name	0	HV	74
Time started	7:45 AM	SUM	388
Time finished	8:00 AM		
Traffic count (15Min)	388	Veh	
Traffic flow rate	1552	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	0.25	
TW	0.25	5.35	CAR-TW
CAR	5.6	5.46	TW-CAR
MC	11.06	0.49	CAR-MC
COM	11.55	4.64	MC-COM
HV	16.19	2.88	COM-HV
MC	19.07	0.41	HV-MC
MC	19.48	2.26	MC-MC
MC	21.74	3.13	MC-MC
CAR	24.87	0.69	MC-CAR
HV	25.56	2.84	CAR-HV
COM	28.4	7.73	HV-COM
MC	36.13	2.44	COM-MC
COM	38.57	3.82	MC-COM
MC	42.39	1.36	COM-MC
COM	43.75	3.68	MC-COM
TW	47.43	1.7	COM-TW
CAR	49.13	1.73	TW-CAR
COM	50.86	1.25	CAR-COM
HV	52.11	2.14	COM-HV
CAR	54.25	3.89	HV-CAR
TW	58.14	2.58	CAR-TW
HV	60.72	0.75	TW-HV
MC	61.47	2.55	HV-MC
TW	64.02	1.31	MC-TW
COM	65.33	2.34	TW-COM
CAR	67.67	2.38	COM-CAR
HV	70.05	1.18	CAR-HV
COM	71.23	0.6	HV-COM
CAR	71.83	1.26	COM-CAR
HV	73.09	3.64	CAR-HV
HV	76.73	1.26	HV-HV
MC	77.99	1.11	HV-MC
TW	79.1	1.32	MC-TW
MC	80.42	0.11	TW-MC
TW	80.53	8.33	MC-TW
TW	88.86	1.33	TW-TW
HV	90.19	0.96	TW-HV
MC	91.15	4.07	HV-MC
CAR	95.22	3.26	MC-CAR
CAR	98.48	1.86	CAR-CAR
TW	100.34	0.67	CAR-TW
HV	101.01	2.48	TW-HV
MC	103.49	4.56	HV-MC
TW	108.05	2.78	MC-TW
COM	110.83	1.37	TW-COM
CAR	112.2	3.01	COM-CAR
MC	115.21	3.56	CAR-MC
CAR	118.77	2.92	MC-CAR
COM	121.69	1.99	CAR-COM
TW	123.68	1.88	COM-TW
MC	125.56	0.83	TW-MC
CAR	126.39	2.61	MC-CAR
CAR	129	0.54	CAR-CAR
HV	129.54	3.4	CAR-HV
TW	132.94	2.17	HV-TW
TW	135.11	0.82	TW-TW
COM	135.93	2.19	TW-COM
MC	138.12	3.06	COM-MC
COM	141.18	0.64	MC-COM
TW	141.82	1.57	COM-TW
CAR	143.39	1.78	TW-CAR
MC	145.17	2.78	CAR-MC
CAR	147.95	2.84	MC-CAR
CAR	150.79	2.44	CAR-CAR
TW	153.23	0.28	CAR-TW
MC	153.51	1.93	TW-MC
TW	155.44	2.53	MC-TW
TW	157.97	5.94	TW-TW
HV	163.91	2.32	TW-HV
CAR	166.23	2.84	HV-CAR
MC	169.07	2.07	CAR-MC
CAR	171.14	3.36	MC-CAR
MC	174.5	1.68	CAR-MC
MC	176.18	1.23	MC-MC
HV	177.41	3.62	MC-HV
COM	181.03	1.29	HV-COM
COM	182.32	0.65	COM-COM
COM	182.97	0.54	COM-COM
CAR	183.51	1.27	COM-CAR
CAR	184.78	0.57	CAR-CAR
MC	185.35	1.04	CAR-MC
MC	186.39	4.25	MC-MC
CAR	190.64	6.35	MC-CAR
MC	196.99	2.72	CAR-MC
COM	199.71	1.55	MC-COM
MC	201.26	1.01	COM-MC
HV	202.27	3.77	MC-HV
MC	206.04	0.99	HV-MC
MC	207.03	7.2	MC-MC
CAR	214.23	4.68	MC-CAR
CAR	218.91	0.72	CAR-CAR
MC	219.63	2.63	CAR-MC
HV	222.26	3.5	MC-HV
TW	225.76	4.42	HV-TW
HV	230.18	8.28	TW-HV
TW	238.46	0.96	HV-TW
CAR	239.42	5.38	TW-CAR
TW	244.8	5.28	CAR-TW
HV	250.08	2.9	TW-HV
MC	252.98	2.14	HV-MC
HV	255.12	2.13	MC-HV
HV	257.25	2.57	HV-HV
COM	259.82	1	HV-COM
HV	260.82	2	COM-HV
COM	262.82	0.38	HV-COM
HV	263.2	0.56	COM-HV
COM	263.76	1.02	HV-COM
HV	264.78	0.53	COM-HV
MC	265.31	1.64	HV-MC
COM	266.95	0.78	MC-COM
HV	267.73	1.14	COM-HV
HV	268.87	0.86	HV-HV
COM	269.73	3.61	HV-COM
CAR	273.34	2.55	COM-CAR
MC	275.89	2.18	CAR-MC
MC	278.07	1.09	MC-MC
COM	279.16	1.5	MC-COM
MC	280.66	3.56	COM-MC
COM	284.22	3.48	MC-COM
HV	287.7	1.48	COM-HV
CAR	289.18	1.97	HV-CAR
COM	291.15	3.01	CAR-COM
HV	294.16	1.46	COM-HV
TW	295.62	2.79	HV-TW
TW	298.41	1.42	TW-TW
MC	299.83	2	TW-MC
HV	301.83	0.7	MC-HV
CAR	302.53	4.32	HV-CAR
TW	306.85	1.68	CAR-TW
MC	308.53	2.33	TW-MC
MC	310.86	2.2	MC-MC
CAR	313.06	0.53	MC-CAR
COM	313.59	2.82	CAR-COM
TW	316.41	2.16	COM-TW
COM	318.57	3.52	TW-COM
COM	322.09	1.26	COM-COM
MC	323.35	4.71	COM-MC

Road Name	A4 - Road	Vehicle summary	
From	Kottawa	MC	72
To	Colombo	TW	67
Side	RHS	CAR	81
Lane	Inner	COM	64
Video name	450	HV	77
Time started	8:00 AM	SUM	361
Time finished	8:15 AM		
Traffic count (15Min)	361	Veh	
Traffic flow rate	1444	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	6.68	
HV	6.68	2.19	CAR-HV
TW	8.87	3.68	HV-TW
COM	12.55	1.53	TW-COM
CAR	14.08	3.26	COM-CAR
HV	17.34	1.27	CAR-HV
HV	18.61	1.95	HV-HV
HV	20.56	4.33	HV-HV
CAR	24.89	0.99	HV-CAR
TW	25.88	3.73	CAR-TW
MC	29.61	3.1	TW-MC
TW	32.71	6.66	MC-TW
MC	39.37	5.21	TW-MC
TW	44.58	1.04	MC-TW
HV	45.62	1.91	TW-HV
COM	47.53	1.42	HV-COM
COM	48.95	2.46	COM-COM
HV	51.41	3.92	COM-HV
CAR	55.33	2.21	HV-CAR
HV	57.54	1.2	CAR-HV
MC	58.74	3.59	HV-MC
TW	62.33	3.56	MC-TW
COM	65.89	2.09	TW-COM
HV	67.98	1.5	COM-HV
MC	69.48	4.26	HV-MC
CAR	73.74	4.43	MC-CAR
CAR	78.17	4.63	CAR-CAR
TW	82.8	3.37	CAR-TW
MC	86.17	3.26	TW-MC
TW	89.43	1.68	MC-TW
TW	91.11	2.19	TW-TW
COM	93.3	3.11	TW-COM
HV	96.41	1.41	COM-HV
HV	97.82	1.47	HV-HV
COM	99.29	1.67	HV-COM
HV	100.96	2.18	COM-HV
MC	103.14	1.4	HV-MC
MC	104.54	4.63	MC-MC
COM	109.17	2.56	MC-COM
HV	111.73	2.23	COM-HV
HV	113.96	2.98	HV-HV
TW	116.94	0.38	HV-TW
HV	117.32	4.29	TW-HV
TW	121.61	0.58	HV-TW
TW	122.19	6.9	TW-TW
MC	129.09	0.69	TW-MC
COM	129.78	2.55	MC-COM
TW	132.33	2.05	COM-TW
CAR	134.38	4.22	TW-CAR
MC	138.6	0.49	CAR-MC
TW	139.09	1.85	MC-TW
COM	140.94	1.57	TW-COM
TW	142.51	1.08	COM-TW
COM	143.59	1.56	TW-COM
MC	145.15	1.04	COM-MC
HV	146.19	2.44	MC-HV
CAR	148.63	0.88	HV-CAR
HV	149.51	3.45	CAR-HV
MC	152.96	2.22	HV-MC
COM	155.18	1.32	MC-COM
MC	156.5	4.81	COM-MC
MC	161.31	4.51	MC-MC
MC	165.82	1.54	MC-MC
TW	167.36	2.48	MC-TW
TW	169.84	1.93	TW-TW
CAR	171.77	0.65	TW-CAR
MC	172.42	7.07	CAR-MC
CAR	179.49	1.76	MC-CAR
CAR	181.25	6.73	CAR-CAR
HV	187.98	2.32	CAR-HV
TW	190.3	4.65	HV-TW
CAR	194.95	1.86	TW-CAR
TW	196.81	4.62	CAR-TW
MC	201.43	2.02	TW-MC
CAR	203.45	2.03	MC-CAR
TW	205.48	1.45	CAR-TW
TW	206.93	5.9	TW-TW
HV	212.83	3.46	TW-HV
CAR	216.29	4.31	HV-CAR
COM	220.6	1.92	CAR-COM
HV	222.52	1.39	COM-HV
COM	223.91	0.82	HV-COM
HV	224.73	1.08	COM-HV
HV	225.81	2.03	HV-HV
TW	227.84	2.87	HV-TW
TW	230.71	1.92	TW-TW
CAR	232.63	1.81	TW-CAR
CAR	234.44	1.91	CAR-CAR
COM	236.35	2.79	CAR-COM
CAR	239.14	1.09	COM-CAR
MC	240.23	2.47	CAR-MC
MC	242.7	2.14	MC-MC
COM	244.84	1.21	MC-COM
COM	246.05	0.93	COM-COM
TW	246.98	1.28	COM-TW
COM	248.26	3.18	TW-COM
TW	251.44	2.19	COM-TW
HV	253.63	1.54	TW-HV
HV	255.17	2.17	HV-HV
HV	257.34	3.53	HV-HV
CAR	260.87	6.87	HV-CAR
CAR	267.74	2.49	CAR-CAR
CAR	270.23	3.21	CAR-CAR
CAR	273.44	3.85	CAR-CAR
CAR	277.29	1.85	CAR-CAR
HV	279.14	1.17	CAR-HV
COM	280.31	1.5	HV-COM
TW	281.81	1.51	COM-TW
TW	283.32	4.12	TW-TW
HV	287.44	3.86	TW-HV
MC	291.3	0.67	HV-MC
CAR	291.97	2.67	MC-CAR
TW	294.64	0.73	CAR-TW
TW	295.37	4.34	TW-TW
HV	299.71	2.07	TW-HV
COM	301.78	3.09	HV-COM
HV	304.87	4.49	COM-HV
MC	309.36	1.51	HV-MC
CAR	310.87	0.66	MC-CAR
HV	311.53	3.08	CAR-HV
TW	314.61	2.17	HV-TW
TW	316.78	1.24	TW-TW
COM	318.02	4.49	TW-COM
CAR	322.51	1.13	COM-CAR
HV	323.64	1.42	CAR-HV
CAR	325.06	3.85	HV-CAR
HV	328.91	3.67	CAR-HV
HV	332.58	1.75	HV-HV
COM	334.33	3.49	HV-COM
MC	337.82	9.08	COM-MC
MC	346.9	4.83	MC-MC
HV	351.73	2.32	MC-HV
COM	354.05	0.74	HV-COM
TW	354.79	1.09	COM-TW
COM	355.88	2.87	TW-COM
TW	358.75	1.73	COM-TW
CAR	360.48	4.63	TW-CAR
CAR	365.11	0.81	CAR-CAR

Road Name	A4 - Road	Vehicle summary	
From	Kottawa	MC	73
To	Colombo	TW	82
Side	RHS	CAR	86
Lane	Inner	COM	88
Video name	900	HV	88
Time started	8:15 AM	SUM	417
Time finished	8:30 AM		
Traffic count (15Min)	417	Veh	
Traffic flow rate	1668	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	0.53	
HV	0.53	1.8	COM-HV
TW	2.33	2.49	HV-TW
COM	4.82	3.04	TW-COM
CAR	7.86	1.28	COM-CAR
COM	9.14	1.96	CAR-COM
MC	11.1	3.32	COM-MC
MC	14.42	2.56	MC-MC
TW	16.98	0.85	MC-TW
COM	17.83	1.38	TW-COM
COM	19.21	4.95	COM-COM
COM	24.16	2.03	COM-COM
CAR	26.19	6.06	COM-CAR
MC	32.25	4.78	CAR-MC
COM	37.03	4.95	MC-COM
COM	41.98	0.87	COM-COM
MC	42.85	1.84	COM-MC
CAR	44.69	1.14	MC-CAR
CAR	45.83	2.35	CAR-CAR
HV	48.18	3.16	CAR-HV
HV	51.34	1.56	HV-HV
MC	52.9	0.53	HV-MC
TW	53.43	3.54	MC-TW
TW	56.97	0.35	TW-TW
CAR	57.32	0.04	TW-CAR
TW	57.36	1.58	CAR-TW
HV	58.94	1.82	TW-HV
TW	60.76	2.78	HV-TW
COM	63.54	1.76	TW-COM
HV	65.3	3.19	COM-HV
COM	68.49	3.32	HV-COM
MC	71.81	2.68	COM-MC
HV	74.49	2.54	MC-HV
COM	77.03	1.01	HV-COM
CAR	78.04	2.19	COM-CAR
TW	80.23	1	CAR-TW
CAR	81.23	4.89	TW-CAR
TW	86.12	1.47	CAR-TW
HV	87.59	0.49	TW-HV
HV	88.08	1.29	HV-HV
CAR	89.37	2.84	HV-CAR
TW	92.21	1.16	CAR-TW
CAR	93.37	3.84	TW-CAR
MC	97.21	0.8	CAR-MC
COM	98.01	1.36	MC-COM
MC	99.37	2.92	COM-MC
MC	102.29	3.74	MC-MC
COM	106.03	3.3	MC-COM
HV	109.33	3.08	COM-HV
COM	112.41	2.08	HV-COM
TW	114.49	2.93	COM-TW
MC	117.42	4.27	TW-MC
TW	121.69	4.81	MC-TW
COM	126.5	1.2	TW-COM
COM	127.7	2.07	COM-COM
TW	129.77	1.58	COM-TW
COM	131.35	0.86	TW-COM
HV	132.21	2.48	COM-HV
TW	134.69	3.4	HV-TW
TW	138.09	3.47	TW-TW
HV	141.56	1.62	TW-HV
COM	143.18	1.7	HV-COM
COM	144.88	4.65	COM-COM
CAR	149.53	3.69	COM-CAR
HV	153.22	2.48	CAR-HV
CAR	155.7	0.81	HV-CAR
COM	156.51	2.41	CAR-COM
HV	158.92	4.28	COM-HV
CAR	163.2	3.35	HV-CAR
CAR	166.55	0.61	CAR-CAR
CAR	167.16	1.75	CAR-CAR
MC	168.91	1.32	CAR-MC
HV	170.23	3.89	MC-HV
COM	174.12	1.74	HV-COM
COM	175.86	4.81	COM-COM
MC	180.67	1.86	COM-MC
MC	182.53	0.76	MC-MC
TW	183.29	2.82	MC-TW
HV	186.11	0.98	TW-HV
COM	187.09	4.59	HV-COM
HV	191.68	0.39	COM-HV
COM	192.07	2.67	HV-COM
TW	194.74	3.45	COM-TW
CAR	198.19	2.27	TW-CAR
HV	200.46	3.11	CAR-HV
CAR	203.57	2.97	HV-CAR
COM	206.54	1.82	CAR-COM
MC	208.36	1.83	COM-MC
TW	210.19	1.11	MC-TW
TW	211.3	1.56	TW-TW
MC	212.86	7.35	TW-MC
CAR	220.21	0.84	MC-CAR
MC	221.05	4.48	CAR-MC
CAR	225.53	1.95	MC-CAR
CAR	227.48	0.89	CAR-CAR
TW	228.37	2.19	CAR-TW
HV	230.56	1.54	TW-HV
HV	232.1	1.24	HV-HV
CAR	233.34	0.08	HV-CAR
HV	233.42	1.93	CAR-HV
MC	235.35	0.59	HV-MC
COM	235.94	3.2	MC-COM
COM	239.14	1.75	COM-COM
COM	240.89	1.48	COM-COM
MC	242.37	0.14	COM-MC
TW	242.51	3.63	MC-TW
CAR	246.14	1.41	TW-CAR
COM	247.55	0.94	CAR-COM
MC	248.49	2.89	COM-MC
CAR	251.38	3.6	MC-CAR
MC	254.98	1.09	CAR-MC
HV	256.07	1.97	MC-HV
CAR	258.04	2.59	HV-CAR
MC	260.63	0.23	CAR-MC
MC	260.86	0.37	MC-MC
CAR	261.23	2.3	MC-CAR
HV	263.53	4.19	CAR-HV
TW	267.72	0.51	HV-TW
TW	268.23	0.11	TW-TW
TW	268.34	0.36	TW-TW
HV	268.7	1.44	TW-HV
HV	270.14	1.43	HV-HV
TW	271.57	1.97	HV-TW
MC	273.54	3.24	TW-MC
MC	276.78	2.93	MC-MC
COM	279.71	0.7	MC-COM
COM	280.41	1.75	COM-COM
CAR	282.16	3.54	COM-CAR
TW	285.7	2.89	CAR-TW
CAR	288.59	2.36	TW-CAR
COM	290.95	0.87	CAR-COM
TW	291.82	0.51	COM-TW
TW	292.33	0.53	TW-TW
COM	292.86	0.97	TW-COM
CAR	293.83	3.52	COM-CAR
CAR	297.35	7.25	CAR-CAR
CAR	304.6	3.49	CAR-CAR
HV	308.09	3.22	CAR-HV

CAR	328.06	0.76	MC-CAR
TW	328.82	4.61	CAR-TW
CAR	333.43	2.03	TW-CAR
COM	335.46	2.71	CAR-COM
TW	338.17	4.54	COM-TW
COM	342.71	2.18	TW-COM
TW	344.89	1.21	COM-TW
MC	346.1	3.41	TW-MC
TW	349.51	0.38	MC-TW
COM	349.89	5.22	TW-COM
MC	355.11	4.03	COM-MC
MC	359.14	1.81	MC-MC
MC	360.95	4.42	MC-MC
TW	365.37	0.66	MC-TW
HV	366.03	1.02	TW-HV
TW	367.05	4.93	HV-TW
MC	371.98	1.94	TW-MC
MC	373.92	1.4	MC-MC
MC	375.32	0.93	MC-MC
HV	376.25	0.62	MC-HV
HV	376.87	2.58	HV-HV
COM	379.45	0.93	HV-COM
COM	380.38	2.4	COM-COM
HV	382.78	0.06	COM-HV
COM	382.84	1.08	HV-COM
COM	383.92	0.78	COM-COM
MC	384.7	4.65	COM-MC
COM	389.35	4.46	MC-COM
CAR	393.81	7.25	COM-CAR
MC	401.06	3.65	CAR-MC
HV	404.71	2.1	MC-HV
TW	406.81	0.65	HV-TW
COM	407.46	1.3	TW-COM
COM	408.76	0.55	COM-COM
TW	409.31	1.31	COM-TW
HV	410.62	1.47	TW-HV
HV	412.09	3.58	HV-HV
CAR	415.67	0.92	HV-CAR
MC	416.59	1.32	CAR-MC
COM	417.91	3.92	MC-COM
COM	421.83	0.86	COM-COM
CAR	422.69	2.64	COM-CAR
CAR	425.33	1.62	CAR-CAR
CAR	426.95	2.57	CAR-CAR
MC	429.52	0.23	CAR-MC
TW	429.75	0.65	MC-TW
CAR	430.4	1.82	TW-CAR
COM	432.22	2.05	CAR-COM
CAR	434.27	2.84	COM-CAR
TW	437.11	2.63	CAR-TW
TW	439.74	1.67	TW-TW
HV	441.41	0.73	TW-HV
TW	442.14	6.55	HV-TW
MC	448.69	1.41	TW-MC
MC	450.1	7.55	MC-MC
MC	457.65	5.31	MC-MC
TW	462.96	2.01	MC-TW
CAR	464.97	1.08	TW-CAR
MC	466.05	2.08	CAR-MC
TW	468.13	1.57	MC-TW
CAR	469.7	1.47	TW-CAR
CAR	471.17	1.43	CAR-CAR
HV	472.6	1.96	CAR-HV
MC	474.56	1.03	HV-MC
MC	475.59	0.94	MC-MC
MC	476.53	2.19	MC-MC
COM	478.72	0.95	MC-COM
COM	479.67	1.09	COM-COM
MC	480.76	3.2	COM-MC
COM	483.96	3.15	MC-COM
COM	487.11	1.83	COM-COM
MC	488.94	3.83	COM-MC
MC	492.77	0.69	MC-MC
HV	493.46	4.09	MC-HV
MC	497.55	3.05	HV-MC
MC	500.6	2.14	MC-MC
MC	502.74	1.98	MC-MC
HV	504.72	0.94	MC-HV
CAR	505.66	2.22	HV-CAR
HV	507.88	1.92	CAR-HV
COM	509.8	1.56	HV-COM
CAR	511.36	2.51	COM-CAR
TW	513.87	3.02	CAR-TW
HV	516.89	0.18	TW-HV
HV	517.07	3.52	HV-HV
CAR	520.59	4.48	HV-CAR
CAR	525.07	3.67	CAR-CAR
HV	528.74	4.32	CAR-HV
MC	533.06	3.49	HV-MC
COM	536.55	1.67	MC-COM
CAR	538.22	2.55	COM-CAR
COM	540.77	6.38	CAR-COM
MC	547.15	5.13	COM-MC
COM	552.28	2.74	MC-COM
HV	555.02	5.21	COM-HV
TW	560.23	2.56	HV-TW
CAR	562.79	1.22	TW-CAR
TW	564.01	3.77	CAR-TW
TW	567.78	0.54	TW-TW
MC	568.32	4.05	TW-MC
TW	572.37	1.02	MC-TW
COM	573.39	1.18	TW-COM
COM	574.57	2.79	COM-COM
TW	577.36	2.49	COM-TW
CAR	579.85	2.54	TW-CAR
COM	582.39	1.09	CAR-COM
CAR	583.48	0.95	COM-CAR
COM	584.43	2.53	CAR-COM
COM	586.96	2.94	COM-COM
HV	589.9	2.47	COM-HV
CAR	592.37	3.33	HV-CAR
CAR	595.7	7.14	CAR-CAR
TW	602.84	0.93	CAR-TW
HV	603.77	3.38	TW-HV
COM	607.15	0.66	HV-COM
COM	607.81	4.79	COM-COM
HV	612.6	2.75	COM-HV
TW	615.35	0.79	HV-TW
COM	616.14	3.78	TW-COM
COM	619.92	0.63	COM-COM
COM	620.55	0.88	COM-COM
HV	621.43	1.21	COM-HV
HV	622.64	1.84	HV-HV
CAR	624.48	0.89	HV-CAR
MC	625.37	2.1	CAR-MC
TW	627.47	3.2	MC-TW
COM	630.67	1.11	TW-COM
TW	631.78	2.19	COM-TW
TW	633.97	7.63	TW-TW
TW	641.6	3.45	TW-TW
HV	645.05	1.4	TW-HV
MC	646.45	0.9	HV-MC
TW	647.35	0.2	MC-TW
TW	647.55	2.99	TW-TW
TW	650.54	1.43	TW-TW
HV	651.97	2.07	TW-HV
COM	654.04	1	HV-COM
CAR	655.04	4.17	COM-CAR
MC	659.21	1.84	CAR-MC
CAR	661.05	2.54	MC-CAR
HV	663.59	2.36	CAR-HV
COM	665.95	2.11	HV-COM
TW	668.06	1.39	COM-TW
HV	669.45	2.13	TW-HV
HV	671.58	1.37	HV-HV
CAR	672.95	3.58	HV-CAR
COM	676.53	2.4	CAR-COM
TW	678.93	1.93	COM-TW
COM	680.86	2.8	TW-COM
HV	683.66	1.29	COM-HV

HV	365.92	1.76	CAR-HV
HV	367.68	0.58	HV-HV
TW	368.26	3.12	HV-TW
TW	371.38	0.84	TW-TW
TW	372.22	1.66	TW-TW
TW	373.88	0.67	TW-TW
COM	374.55	1.32	TW-COM
CAR	375.87	2.68	COM-CAR
MC	378.55	1.85	CAR-MC
HV	380.4	1.56	MC-HV
CAR	381.96	4.12	HV-CAR
TW	386.08	3.92	CAR-TW
CAR	390	2.04	TW-CAR
COM	392.04	4.04	CAR-COM
HV	396.08	2.68	COM-HV
HV	398.76	2.62	HV-HV
CAR	401.38	1.24	HV-CAR
MC	402.62	5.59	CAR-MC
MC	408.21	3.11	MC-MC
MC	411.32	2.45	MC-MC
TW	413.77	3.07	MC-TW
TW	416.84	4.44	TW-TW
CAR	421.28	3.13	TW-CAR
MC	424.41	2.92	CAR-MC
CAR	427.33	8.46	MC-CAR
MC	435.79	3.12	CAR-MC
CAR	438.91	0.32	MC-CAR
MC	439.23	1.31	CAR-MC
HV	440.54	1.74	MC-HV
MC	442.28	2.13	HV-MC
COM	444.41	1.12	MC-COM
CAR	445.53	2.12	COM-CAR
MC	447.65	4.1	CAR-MC
MC	451.75	0.65	MC-MC
MC	452.4	1.94	MC-MC
COM	454.34	1.56	MC-COM
MC	455.9	2.87	COM-MC
MC	458.77	1.82	MC-MC
MC	460.59	2.39	MC-MC
MC	462.98	2.71	MC-MC
HV	465.69	2.4	MC-HV
CAR	468.09	1.15	HV-CAR
TW	469.24	4.01	CAR-TW
MC	473.25	1.41	TW-MC
COM	474.66	4.86	MC-COM
CAR	479.52	1.72	COM-CAR
TW	481.24	0.97	CAR-TW
MC	482.21	0.85	TW-MC
CAR	483.06	0.92	MC-CAR
HV	483.98	1.14	CAR-HV
HV	485.12	1.42	HV-HV
TW	486.54	2.08	HV-TW
MC	488.62	5.45	TW-MC
CAR	494.07	3.55	MC-CAR
COM	497.62	0.58	CAR-COM
COM	498.2	1.99	COM-COM
CAR	500.19	4.71	COM-CAR
CAR	504.9	5.67	CAR-CAR
COM	510.57	2.24	CAR-COM
HV	512.81	1.61	COM-HV
COM	514.42	3.81	HV-COM
HV	518.23	1.54	COM-HV
CAR	519.77	3.26	HV-CAR
CAR	523.03	6.5	CAR-CAR
MC	529.53	0.82	CAR-MC
COM	530.35	2.47	MC-COM
MC	532.82	1.32	COM-MC
HV	534.14	1.02	MC-HV
TW	535.16	2.75	HV-TW
TW	537.91	1.48	TW-TW
HV	539.39	1.31	TW-HV
CAR	540.7	0.95	HV-CAR
HV	541.65	0.88	CAR-HV
HV	542.53	3.69	HV-HV
TW	546.22	2.24	HV-TW
COM	548.46	1.8	TW-COM
CAR	550.26	4.13	COM-CAR
CAR	554.39	2.1	CAR-CAR
COM	556.49	1.45	CAR-COM
COM	557.94	5.67	COM-COM
HV	563.61	1.96	COM-HV
CAR	565.57	2.2	HV-CAR
TW	567.77	2.36	CAR-TW
TW	570.13	0.68	TW-TW
TW	570.81	1.65	TW-TW
TW	572.46	1.65	TW-TW
COM	574.11	3.46	TW-COM
MC	577.57	2.33	COM-MC
CAR	579.9	1.06	MC-CAR
HV	580.96	3.46	CAR-HV
CAR	584.42	3.78	HV-CAR
CAR	588.2	1.04	CAR-CAR
MC	589.24	1.32	CAR-MC
CAR	590.56	3.74	MC-CAR
HV	594.3	4.49	CAR-HV
MC	598.79	3.17	HV-MC
CAR	601.96	1	MC-CAR
MC	602.96	1.44	CAR-MC
CAR	604.4	4.98	MC-CAR
TW	609.38	2.78	CAR-TW
TW	612.16	4.26	TW-TW
CAR	616.42	2.92	TW-CAR
MC	619.34	3.59	CAR-MC
COM	622.93	1.32	MC-COM
MC	624.25	1.71	COM-MC
COM	625.96	1.42	MC-COM
TW	627.38	0.78	COM-TW
TW	628.16	1.37	TW-TW
CAR	629.53	2.15	TW-CAR
MC	631.68	1.95	CAR-MC
HV	633.63	1.55	MC-HV
MC	635.18	2.7	HV-MC
CAR	637.88	1.23	MC-CAR
MC	639.11	2.51	CAR-MC
COM	641.62	2.47	MC-COM
HV	644.09	1.25	COM-HV
MC	645.34	2.87	HV-MC
CAR	648.21	3.29	MC-CAR
MC	651.5	0.47	CAR-MC
CAR	651.97	2.18	MC-CAR
COM	654.15	0.87	CAR-COM
HV	655.02	5.82	COM-HV
COM	660.84	4.85	HV-COM
HV	665.69	1.49	COM-HV
CAR	667.18	3.18	HV-CAR
TW	670.36	0.89	CAR-TW
MC	671.25	1.92	TW-MC
COM	673.17	0.75	MC-COM
HV	673.92	1.81	COM-HV
HV	675.73	1.78	HV-HV
MC	677.51	4.21	HV-MC
MC	681.72	1.74	MC-MC
COM	683.46	1.37	MC-COM
HV	684.83	2.52	COM-HV
CAR	687.35	2.03	HV-CAR
HV	689.38	2.75	CAR-HV
HV	692.13	0.61	HV-HV
MC	692.74	3.58	HV-MC
TW	696.32	3.47	MC-TW
CAR	699.79	4.26	TW-CAR
HV	704.05	2.85	CAR-HV
MC	706.9	2.45	HV-MC
CAR	709.35	3.19	MC-CAR
MC	712.54	0.89	CAR-MC
MC	713.43	2.7	MC-MC
CAR	716.13	1.95	MC-CAR
COM	718.08	2.14	CAR-COM
TW	720.22	3.53	COM-TW
TW	723.75	1.91	TW-TW
HV	725.66	3.71	TW-HV

HV	311.31	0.7	HV-HV
MC	312.01	1.27	HV-MC
CAR	313.28	6.09	MC-CAR
COM	319.37	2.66	CAR-COM
MC	322.03	0.66	COM-MC
HV	322.69	2.81	MC-HV
COM	325.5	3.36	HV-COM
HV	328.86	0.49	COM-HV
HV	329.35	0.38	HV-HV
TW	329.73	0.83	HV-TW
MC	330.56	3.88	TW-MC
COM	334.44	1.53	MC-COM
HV	335.97	5.25	COM-HV
HV	341.22	2.2	HV-HV
CAR	343.42	1.53	HV-CAR
MC	344.95	4.36	CAR-MC
HV	349.31	1.8	MC-HV
MC	351.11	1.32	HV-MC
CAR	352.43	5.73	MC-CAR
HV	358.16	0.51	CAR-HV
MC	358.67	2.53	HV-MC
HV	361.2	1.19	MC-HV
CAR	362.39	3.11	HV-CAR
CAR	365.5	2.04	CAR-CAR
MC	367.54	2.89	CAR-MC
MC	370.43	2.14	MC-MC
CAR	372.57	3.6	MC-CAR
MC	376.17	2.15	CAR-MC
HV	378.32	1.36	MC-HV
TW	379.68	0.65	HV-TW
COM	380.33	0.77	TW-COM
MC	381.1	0.07	COM-MC
HV	381.17	0.4	MC-HV
CAR	381.57	1.15	HV-CAR
TW	382.72	0.7	CAR-TW
CAR	383.42	1.02	TW-CAR
COM	384.44	1.9	CAR-COM
CAR	386.34	1.95	COM-CAR
CAR	388.29	1.13	CAR-CAR
MC	389.42	0.6	CAR-MC
HV	390.02	3.81	MC-HV
HV	393.83	0.25	HV-HV
MC	394.08	3.75	HV-MC
TW	397.83	1.19	MC-TW
TW	399.02	2	TW-TW
MC	401.02	1.41	TW-MC
COM	402.43	0.47	MC-COM
TW	402.9	1.33	COM-TW
CAR	404.23	3.2	TW-CAR
HV	407.43	0.56	CAR-HV
HV	407.99	0.71	HV-HV
COM	408.7	0.49	HV-COM
CAR	409.19	1.1	COM-CAR
HV	410.29	1.71	CAR-HV
TW	412	2.52	HV-TW
HV	414.52	0.6	TW-HV
COM	415.12	0.64	HV-COM
TW	415.76	1.38	COM-TW
HV	417.14	0.71	TW-HV
COM	417.85	1.79	HV-COM
TW	419.64	2.78	COM-TW
COM	422.42	3.78	TW-COM
COM	426.2	0.69	COM-COM
HV	426.89	1.13	COM-HV
TW	428.02	0.36	HV-TW
COM	428.38	1.16	TW-COM
CAR	429.54	3.24	COM-CAR
CAR	432.78	0.31	CAR-CAR
MC	433.09	6.48	CAR-MC
HV	439.57	0.73	MC-HV
HV	440.3	1.83	HV-HV
TW	442.13	0.59	HV-TW
COM	442.72	3.74	TW-COM
COM	446.46	0.75	COM-COM
CAR	447.21	5.17	COM-CAR
HV	452.38	3.46	CAR-HV
CAR	455.84	2.63	HV-CAR
TW	458.47	3.69	CAR-TW
HV	462.16	1.62	TW-HV
COM	463.78	1.01	HV-COM
TW	464.79	0.69	COM-TW
COM	465.48	0.78	TW-COM
CAR	466.26	1.78	COM-CAR
COM	468.04	3.11	CAR-COM
COM	471.15	0.71	COM-COM
HV	471.86	2.42	COM-HV
MC	474.28	3.22	HV-MC
CAR	477.5	1.98	MC-CAR
TW	479.48	4.3	CAR-TW
COM	483.78	0.97	TW-COM
HV	484.75	1.56	COM-HV
CAR	486.31	1.86	HV-CAR
HV	488.17	3.2	CAR-HV
HV	491.37	1.87	HV-HV
TW	493.24	0.58	HV-TW
MC	493.82	1.4	TW-MC
MC	495.22	2.85	MC-MC
HV	498.07	0.9	MC-HV
CAR	498.97	1.38	HV-CAR
MC	500.35	1.52	CAR-MC
COM	501.87	0.6	MC-COM
COM	502.47	2.26	COM-COM
CAR	504.73	1.27	COM-CAR
TW	506	1.26	CAR-TW
MC	507.26	4.47	TW-MC
CAR	511.73	5.19	MC-CAR
HV	516.92	2.48	CAR-HV
HV	519.4	0.71	HV-HV
COM	520.11	4.23	HV-COM
TW	524.34	1.46	COM-TW
MC	525.8	0.17	TW-MC
TW	525.97	0.73	MC-TW
HV	526.7	2.53	TW-HV
TW	529.23	1.44	HV-TW
HV	530.67	1.39	TW-HV
TW	532.06	0.91	HV-TW
TW	532.97	2.84	TW-TW
HV	535.81	0.97	TW-HV
TW	536.78	3.48	HV-TW
HV	540.26	1.89	TW-HV
TW	542.15	3.18	HV-TW
MC	545.33	1.05	TW-MC
MC	546.38	2.45	MC-MC
CAR	548.83	1.27	MC-CAR
TW	550.1	4.47	CAR-TW
COM	554.57	1.27	TW-COM
CAR	555.84	3.68	COM-CAR
COM	559.52	0.45	CAR-COM
MC	559.97	0.64	COM-MC
MC	560.61	1.28	MC-MC
CAR	561.89	1.85	MC-CAR
MC	563.74	9.48	CAR-MC
COM	573.22	2.2	MC-COM
TW	575.42	1.73	COM-TW
TW	577.15	1.25	TW-TW
HV	578.4	1.84	TW-HV
TW	580.24	2.71	HV-TW
CAR	582.95	3.88	TW-CAR
MC	586.83	1.87	CAR-MC
TW	588.7	4.6	MC-TW
COM	593.3	3.4	TW-COM
HV	596.7	3.46	COM-HV
MC	600.16	2	HV-MC
HV	602.16	2.21	MC-HV
TW	604.37	5.53	HV-TW
CAR	609.9	3	TW-CAR
COM	612.9	2.01	CAR-COM
HV	614.91	3.58	COM-HV
CAR	618.49	0.97	HV-CAR
CAR	619.46	0.61	CAR-CAR

CAR	684.95	1.29	HV-CAR
TW	686.24	2.05	CAR-TW
HV	688.29	1.82	TW-HV
CAR	690.11	2.58	HV-CAR
TW	692.69	3.76	CAR-TW
HV	696.45	1.9	TW-HV
MC	698.35	1.4	HV-MC
CAR	699.75	3.69	MC-CAR
CAR	703.44	3.27	CAR-CAR
MC	706.71	1.45	CAR-MC
TW	708.16	0.88	MC-TW
TW	709.04	1.86	TW-TW
TW	710.9	2.14	TW-TW
MC	713.04	1.74	TW-MC
TW	714.78	1.96	MC-TW
CAR	716.74	1.94	TW-CAR
COM	718.68	2.88	CAR-COM
TW	721.56	1.25	COM-TW
HV	722.81	2.96	TW-HV
MC	725.77	0.43	HV-MC
MC	726.2	1.73	MC-MC
TW	727.93	3.46	MC-TW
HV	731.39	2.08	TW-HV
HV	733.47	1.66	HV-HV
CAR	735.13	1.53	HV-CAR
COM	736.66	0.69	CAR-COM
CAR	737.35	2.21	COM-CAR
COM	739.56	1.29	CAR-COM
COM	740.85	2.19	COM-COM
CAR	743.04	1.35	COM-CAR
TW	744.39	1.46	CAR-TW
MC	745.85	0.65	TW-MC
HV	746.5	1.69	MC-HV
MC	748.19	1.29	HV-MC
CAR	749.48	0.74	MC-CAR
CAR	750.22	1.65	CAR-CAR
MC	751.87	0.86	CAR-MC
TW	752.73	0.94	MC-TW
HV	753.67	4.4	TW-HV
COM	758.07	2.9	HV-COM
CAR	760.97	1.46	COM-CAR
TW	762.43	1.31	CAR-TW
MC	763.74	1.49	TW-MC
TW	765.23	3.08	MC-TW
HV	768.31	0.53	TW-HV
TW	768.84	1.81	HV-TW
HV	770.65	2.15	TW-HV
HV	772.8	2.05	HV-HV
COM	774.85	1.63	HV-COM
MC	776.48	1.71	COM-MC
HV	778.19	1.74	MC-HV
MC	779.93	1.35	HV-MC
TW	781.28	1.67	MC-TW
MC	782.95	7.43	TW-MC
HV	790.38	2.67	MC-HV
CAR	793.05	1.68	HV-CAR
COM	794.73	1.3	CAR-COM
HV	796.03	1.39	COM-HV
COM	797.42	1.08	HV-COM
COM	798.5	1.17	COM-COM
CAR	799.67	1.7	COM-CAR
MC	801.37	2.84	CAR-MC
CAR	804.21	3.04	MC-CAR
HV	807.25	2.1	CAR-HV
TW	809.35	2.55	HV-TW
TW	811.9	2.05	TW-TW
MC	813.95	3.08	TW-MC
CAR	817.03	2.07	MC-CAR
COM	819.1	2.41	CAR-COM
CAR	821.51	2.26	COM-CAR
HV	823.77	2.19	CAR-HV
COM	825.96	1.75	HV-COM
TW	827.71	1.03	COM-TW
MC	828.74	0.89	TW-MC
COM	829.63	1.21	MC-COM
HV	830.84	1.8	COM-HV
HV	832.64	1.32	HV-HV
CAR	833.96	0.32	HV-CAR
COM	834.28	2.09	CAR-COM
CAR	836.37	2.01	COM-CAR
TW	838.38	2.84	CAR-TW
HV	841.22	2.12	TW-HV
COM	843.34	0.97	HV-COM
TW	844.31	1.45	COM-TW
CAR	845.76	1.4	TW-CAR
COM	847.16	4.31	CAR-COM
CAR	851.47	5.01	COM-CAR
HV	856.48	2.04	CAR-HV
HV	858.52	3.15	HV-HV
HV	861.67	4.99	HV-HV
TW	866.66	3.91	HV-TW
MC	870.57	1.05	TW-MC
TW	871.62	3.04	MC-TW
TW	874.66	1.47	TW-TW
MC	876.13	3.35	TW-MC
COM	879.48	0.97	MC-COM
TW	880.45	2.15	COM-TW
TW	882.6	0.92	TW-TW
COM	883.52	2.85	TW-COM
COM	886.37		COM-COM

MC	729.37	3.59	HV-MC
TW	732.96	1.71	MC-TW
TW	734.67	3.4	TW-TW
CAR	738.07	1.76	TW-CAR
COM	739.83	1.12	CAR-COM
CAR	740.95	3.16	COM-CAR
COM	744.11	1.69	CAR-COM
CAR	745.8	4.29	COM-CAR
COM	750.09	2.65	CAR-COM
MC	752.74	1.35	COM-MC
HV	754.09	2.72	MC-HV
COM	756.81	1.75	HV-COM
MC	758.56	4.07	COM-MC
TW	762.63	0.82	MC-TW
HV	763.45	1.05	TW-HV
COM	764.5	0.86	HV-COM
HV	765.36	0.84	COM-HV
CAR	766.2	1.59	HV-CAR
CAR	767.79	0.94	CAR-CAR
COM	768.73	1.96	CAR-COM
COM	770.69	0.88	COM-COM
CAR	771.57	3.54	COM-CAR
HV	775.11	0.63	CAR-HV
COM	775.74	1.98	HV-COM
CAR	777.72	1.88	COM-CAR
HV	779.6	2.2	CAR-HV
TW	781.8	0.52	HV-TW
TW	782.32	3.69	TW-TW
HV	786.01	1.04	TW-HV
CAR	787.05	2.21	HV-CAR
COM	789.26	1.73	CAR-COM
MC	790.99	2.21	COM-MC
MC	793.2	2.16	MC-MC
HV	795.36	2.43	MC-HV
COM	797.79	2.05	HV-COM
CAR	799.84	0.29	COM-CAR
CAR	800.13	4.56	CAR-CAR
HV	804.69	0.94	CAR-HV
CAR	805.63	1.45	HV-CAR
COM	807.08	0.52	CAR-COM
CAR	807.6	0.88	COM-CAR
COM	808.48	2.87	CAR-COM
CAR	811.35	0.79	COM-CAR
MC	812.14	4.06	CAR-MC
MC	816.2	1.18	MC-MC
TW	817.38	2.16	MC-TW
TW	819.54	1.86	TW-TW
COM	821.4	2.55	TW-COM
TW	823.95	0.53	COM-TW
CAR	824.48	1.1	TW-CAR
HV	825.58	2.27	CAR-HV
CAR	827.85	1.59	HV-CAR
COM	829.44	3.22	CAR-COM
MC	832.66	4.82	COM-MC
MC	837.48	1.64	MC-MC
HV	839.12	2.4	MC-HV
TW	841.52	3.79	HV-TW
COM	845.31	2.25	TW-COM
COM	847.56	1.37	COM-COM
HV	848.93	4.97	COM-HV
HV	853.9	4.01	HV-HV
CAR	857.91	3.06	HV-CAR
HV	860.97	2.35	CAR-HV
TW	863.32	2.41	HV-TW
COM	865.73	3.7	TW-COM
HV	869.43	2.93	COM-HV
HV	872.36	1.07	HV-HV
COM	873.43	3.01	HV-COM
MC	876.44	1.17	COM-MC
MC	877.61	1.53	MC-MC
CAR	879.14	1.58	MC-CAR
COM	880.72	1.91	CAR-COM
MC	882.63		COM-MC

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COM	620.07	2.01	CAR-COM
HV	622.08	3.36	COM-HV
COM	625.44	5.33	HV-COM
COM	630.77	2.31	COM-COM
HV	633.08	0.43	COM-HV
CAR	633.51	2.82	HV-CAR
CAR	636.33	4.4	CAR-CAR
COM	640.73	2.65	CAR-COM
HV	643.38	2.41	COM-HV
CAR	645.79	6.61	HV-CAR
COM	652.4	2.46	CAR-COM
MC	654.86	4.47	COM-MC
TW	659.33	0.93	MC-TW
COM	660.26	3.24	TW-COM
TW	663.5	4.07	COM-TW
CAR	667.57	4.02	TW-CAR
HV	671.59	2.51	CAR-HV
COM	674.1	2.92	HV-COM
MC	677.02	0.28	COM-MC
HV	677.3	1.95	MC-HV
CAR	679.25	1.34	HV-CAR
CAR	680.59	2.41	CAR-CAR
HV	683	2.33	CAR-HV
CAR	685.33	1.92	HV-CAR
MC	687.25	0.89	CAR-MC
COM	688.14	1.54	MC-COM
CAR	689.68	3.36	COM-CAR
HV	693.04	0.36	CAR-HV
TW	693.4	1.14	HV-TW
COM	694.54	1.94	TW-COM
HV	696.48	0.4	COM-HV
CAR	696.88	0.94	HV-CAR
TW	697.82	0.98	CAR-TW
MC	698.8	0.78	TW-MC
TW	699.58	1.09	MC-TW
CAR	700.67	1.29	TW-CAR
TW	701.96	0.84	CAR-TW
CAR	702.8	2.41	TW-CAR
CAR	705.21	1.02	CAR-CAR
MC	706.23	1.62	CAR-MC
MC	707.85	1.55	MC-MC
MC	709.4	2.69	MC-MC
MC	712.09	3.28	MC-MC
MC	715.37	2.68	MC-MC
CAR	718.05	1.21	MC-CAR
COM	719.26	3.65	CAR-COM
TW	722.91	0.98	COM-TW
TW	723.89	0.86	TW-TW
MC	724.75	4.37	TW-MC
HV	729.12	1.62	MC-HV
CAR	730.74	2.63	HV-CAR
TW	733.37	1.11	CAR-TW
COM	734.48	2	TW-COM
MC	736.48	1.2	COM-MC
MC	737.68	2.07	MC-MC
TW	739.75	3.18	MC-TW
TW	742.93	1.36	TW-TW
CAR	744.29	0.9	TW-CAR
COM	745.19	4.17	CAR-COM
CAR	749.36	1.75	COM-CAR
MC	751.11	0.17	CAR-MC
MC	751.28	1.24	MC-MC
COM	752.52	0.71	MC-COM
TW	753.23	1.75	COM-TW
CAR	754.98	5.91	TW-CAR
COM	760.89	0.59	CAR-COM
MC	761.48	4.32	COM-MC
HV	765.8	1.77	MC-HV
TW	767.57	3.6	HV-TW
MC	771.17	3.03	TW-MC
HV	774.2	3.94	MC-HV
CAR	778.14	1.75	HV-CAR
CAR	779.89	2.44	CAR-CAR
HV	782.33	2.41	CAR-HV
HV	784.74	0.29	HV-HV
TW	785.03	0.88	HV-TW
MC	785.91	2.57	TW-MC
HV	788.48	4.59	MC-HV
CAR	793.07	0.07	HV-CAR
COM	793.14	1.62	CAR-COM
TW	794.76	4.45	COM-TW
TW	799.21	0.44	TW-TW
COM	799.65	4.08	TW-COM
CAR	803.73	0.34	COM-CAR
HV	804.07	0.47	CAR-HV
COM	804.54	1.96	HV-COM
TW	806.5	0.92	COM-TW
COM	807.42	3.97	TW-COM
COM	811.39	3.44	COM-COM
CAR	814.83	1.67	COM-CAR
CAR	816.5	6.26	CAR-CAR
TW	822.76	1.72	CAR-TW
COM	824.48	3.03	TW-COM
CAR	827.51	0.55	COM-CAR
MC	828.06	2.37	CAR-MC
COM	830.43	2.49	MC-COM
CAR	832.92	1.49	COM-CAR
COM	834.41	0.76	CAR-COM
TW	835.17	1.03	COM-TW
COM	836.2	0.62	TW-COM
HV	836.82	3.39	COM-HV
HV	840.21	0.65	HV-HV
HV	840.86	0.6	HV-HV
TW	841.46	4	HV-TW
COM	845.46	6.79	TW-COM
COM	852.25	3.24	COM-COM
CAR	855.49	1.38	COM-CAR
CAR	856.87	0.27	CAR-CAR
HV	857.14	0.95	CAR-HV
COM	858.09	1.96	HV-COM
COM	860.05	1.19	COM-COM
TW	861.24	0.67	COM-TW
MC	861.91	0.8	TW-MC
HV	862.71	0.96	MC-HV
MC	863.67	4.47	HV-MC
MC	868.14	2.56	MC-MC
HV	870.7	2.69	MC-HV
HV	873.39	3.75	HV-HV
TW	877.14	2.03	HV-TW
TW	879.17	2.81	TW-TW
CAR	881.98	0.84	TW-CAR
TW	882.82	0.26	CAR-TW
HV	883.08	1.93	TW-HV
COM	885.01	1.77	HV-COM
HV	886.78	0.95	COM-HV
TW	887.73	0.37	HV-TW
MC	888.1	0.16	TW-MC
TW	888.26	0.74	MC-TW
HV	889		TW-HV

ANNEX - 3 - Time Headway Data > 1200 Veh/hr Flow Range

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	75
To	Kottawa	TW	66
Side	LHS	CAR	44
Lane	Inner	COM	57
Video name	1350	HV	74
Time started	1:30 PM	SUM	316
Time finished	1:45 PM		
Traffic count (15Min)	316	Veh	
Traffic flow rate	1264	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	1.71	
MC	1.71	6.76	COM-MC
MC	8.47	2.37	MC-MC
HV	10.84	1.27	MC-HV
COM	12.11	2.88	HV-COM
HV	14.99	2.39	COM-HV
MC	17.38	2.46	HV-MC
COM	19.84	1.15	MC-COM
COM	20.99	4.94	COM-COM
COM	25.93	6.1	COM-COM
MC	32.03	1.48	COM-MC
MC	33.51	4.88	MC-MC
CAR	38.39	1.07	MC-CAR
TW	39.46	2.96	CAR-TW
TW	42.42	2.54	TW-TW
COM	44.96	1.5	TW-COM
CAR	46.46	7.06	COM-CAR
TW	53.52	1.93	CAR-TW
MC	55.45	9.27	TW-MC
CAR	64.72	0.99	MC-CAR
HV	65.71	2.62	CAR-HV
CAR	68.33	0.82	HV-CAR
COM	69.15	2.19	CAR-COM
COM	71.34	3.1	COM-COM
CAR	74.44	4.73	COM-CAR
MC	79.17	1.1	CAR-MC
MC	80.27	2.76	MC-MC
HV	83.03	5.28	MC-HV
COM	88.31	1.99	HV-COM
TW	90.3	1.38	COM-TW
COM	91.68	0.95	TW-COM
COM	92.63	3.79	COM-COM
TW	96.42	0.96	COM-TW
HV	97.38	1.42	TW-HV
CAR	98.8	2.87	HV-CAR
MC	101.67	1.43	CAR-MC
TW	103.1	2.69	MC-TW
HV	105.79	0.77	TW-HV
HV	106.56	1.72	HV-HV
HV	108.28	3.44	HV-HV
CAR	111.72	6.61	HV-CAR
COM	118.33	4.45	CAR-COM
HV	122.78	5.05	COM-HV
COM	127.83	3.98	HV-COM
MC	131.81	0.44	COM-MC
COM	132.25	2.76	MC-COM
HV	135.01	2	COM-HV
TW	137.01	0.9	HV-TW
COM	137.91	1.32	TW-COM
COM	139.23	4.58	COM-COM
TW	143.81	3	COM-TW
COM	146.81	1.08	TW-COM
CAR	147.89	1.8	COM-CAR
MC	149.69	4.65	CAR-MC
CAR	154.34	3.52	MC-CAR
MC	157.86	1.97	CAR-MC
MC	159.83	1.43	MC-MC
HV	161.26	0.64	MC-HV
MC	161.9	2.17	HV-MC
MC	164.07	5.5	MC-MC
TW	169.57	2.68	MC-TW
TW	172.25	2.2	TW-TW
COM	174.45	4.96	TW-COM
TW	179.41	3.77	COM-TW
COM	183.18	4.83	TW-COM
MC	188.01	0.66	COM-MC
MC	188.67	1.47	MC-MC
MC	190.14	6.67	MC-MC
CAR	196.81	0.82	MC-CAR
MC	197.63	1.66	CAR-MC
MC	199.29	4.53	MC-MC
CAR	203.82	2.89	MC-CAR
HV	206.71	0.62	CAR-HV
HV	207.33	1.8	HV-HV
TW	209.13	1.81	HV-TW
CAR	210.94	1.58	TW-CAR
TW	212.52	1.74	CAR-TW
HV	214.26	2.87	TW-HV
MC	217.13	1.48	HV-MC
MC	218.61	4.15	MC-MC
HV	222.76	1.71	MC-HV
TW	224.47	2.88	HV-TW
HV	227.35	1.38	TW-HV
MC	228.73	1.77	HV-MC
COM	230.5	3.63	MC-COM
HV	234.13	2.38	COM-HV
CAR	236.51	2.76	HV-CAR
TW	239.27	2.69	CAR-TW
MC	241.96	1.62	TW-MC
MC	243.58	3.37	MC-MC
CAR	246.95	2.78	MC-CAR
TW	249.73	1.01	CAR-TW
TW	250.74	3.42	TW-TW
TW	254.16	3.91	TW-TW
HV	258.07	2.56	TW-HV
MC	260.63	6.2	HV-MC
TW	266.83	2.86	MC-TW
CAR	269.69	2.22	TW-CAR
MC	271.91	1.96	CAR-MC
TW	273.87	3.82	MC-TW
CAR	277.69	1.24	TW-CAR
HV	278.93	1.22	CAR-HV
MC	280.15	2.83	HV-MC
MC	282.98	6.04	MC-MC
TW	289.02	2.61	MC-TW
MC	291.63	3.91	TW-MC
TW	295.54	3.19	MC-TW
COM	298.73	4.57	TW-COM
COM	303.3	2.01	COM-COM
MC	305.31	1.77	COM-MC
TW	307.08	0.77	MC-TW
CAR	307.85	1.87	TW-CAR
HV	309.72	3.78	CAR-HV
TW	313.5	4.88	HV-TW
TW	318.38	3.12	TW-TW
HV	321.5	2.32	TW-HV
HV	323.82	3.52	HV-HV
MC	327.34	2.26	HV-MC
COM	329.6	3.65	MC-COM
CAR	333.25	1.42	COM-CAR
CAR	334.67	1.71	CAR-CAR
CAR	336.38	3.58	CAR-CAR
MC	339.96	4.33	CAR-MC
MC	344.29	4.7	MC-MC
COM	348.99	1.67	MC-COM
TW	350.66	1.32	COM-TW
TW	351.98	5.01	TW-TW
COM	356.99	2.61	TW-COM
HV	359.6	1.59	COM-HV
HV	361.19	1.54	HV-HV
CAR	362.73	2.88	HV-CAR
CAR	365.61	4.07	CAR-CAR
MC	369.68	0.33	CAR-MC
HV	370.01	1.29	MC-HV
MC	371.3	4.76	HV-MC
HV	376.06	4.22	MC-HV
COM	380.28	2.1	HV-COM
HV	382.38	10.69	COM-HV

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	80
To	Kottawa	TW	83
Side	LHS	CAR	99
Lane	Inner	COM	101
Video name	1800	HV	82
Time started	4:30 PM	SUM	445
Time finished	4:45 PM		
Traffic count (15Min)	445	Veh	
Traffic flow rate	1780	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	1.1	
TW	1.1	0.69	COM-TW
CAR	1.79	3.39	TW-CAR
MC	5.18	2.16	CAR-MC
CAR	7.34	0.43	MC-CAR
COM	7.77	0.91	CAR-COM
CAR	8.68	0.37	COM-CAR
TW	9.05	0.66	CAR-TW
COM	9.71	0.96	TW-COM
CAR	10.67	3.44	COM-CAR
TW	14.11	2.64	CAR-TW
HV	16.75	0.69	TW-HV
TW	17.44	2.28	HV-TW
CAR	19.72	1.5	TW-CAR
COM	21.22	2	CAR-COM
MC	23.22	2.55	COM-MC
TW	25.77	0.79	MC-TW
HV	26.56	2.8	TW-HV
CAR	29.36	2.83	HV-CAR
MC	32.19	4.2	CAR-MC
TW	36.39	0.93	MC-TW
TW	37.32	4.59	TW-TW
CAR	41.91	3.63	TW-CAR
MC	45.54	1.43	CAR-MC
CAR	46.97	0.64	MC-CAR
MC	47.61	3.53	CAR-MC
MC	51.14	2.39	MC-MC
COM	53.53	1.16	MC-COM
COM	54.69	0.83	COM-COM
MC	55.52	1.1	COM-MC
CAR	56.62	0.62	MC-CAR
CAR	57.24	0.4	CAR-CAR
CAR	57.64	1.16	CAR-CAR
MC	58.8	1.22	CAR-MC
MC	60.02	0.9	MC-MC
MC	60.92	0.64	MC-MC
HV	61.56	4.23	MC-HV
COM	65.79	1.84	HV-COM
COM	67.63	1.97	COM-COM
COM	69.6	1.22	COM-COM
HV	70.82	0.23	COM-HV
HV	71.05	1.08	HV-HV
HV	72.13	3.87	HV-HV
COM	76	2.21	HV-COM
MC	78.21	0.51	COM-MC
TW	78.72	3.28	MC-TW
CAR	82	1.91	TW-CAR
COM	83.91	1.88	CAR-COM
MC	85.79	0.21	COM-MC
TW	86	2.84	MC-TW
TW	88.84	0.06	TW-TW
COM	88.9	1.39	TW-COM
COM	90.29	2.72	COM-COM
CAR	93.01	3.79	COM-CAR
CAR	96.8	0.56	CAR-CAR
TW	97.36	3.36	CAR-TW
MC	100.72	1.39	TW-MC
CAR	102.11	1.35	MC-CAR
MC	103.46	2.01	CAR-MC
TW	105.47	1.63	MC-TW
TW	107.1	4.09	TW-TW
TW	111.19	2.69	TW-TW
MC	113.88	2.68	TW-MC
TW	116.56	3.08	MC-TW
MC	119.64	3.88	TW-MC
HV	123.52	3.85	MC-HV
CAR	127.37	2.62	HV-CAR
TW	129.99	1.39	CAR-TW
TW	131.38	0.27	TW-TW
CAR	131.65	6.41	TW-CAR
MC	138.06	3.6	CAR-MC
TW	141.66	4.44	MC-TW
HV	146.1	3.21	TW-HV
TW	149.31	0.31	HV-TW
TW	149.62	4.02	TW-TW
TW	153.64	0.72	TW-TW
MC	154.36	1.1	TW-MC
TW	155.46	1.39	MC-TW
HV	156.85	1.52	TW-HV
HV	158.37	2.13	HV-HV
HV	160.5	2.18	HV-HV
TW	162.68	1.4	HV-TW
TW	164.08	0.91	TW-TW
HV	164.99	4.35	TW-HV
HV	169.34	3.45	HV-HV
CAR	172.79	0.67	HV-CAR
COM	173.46	0.62	CAR-COM
CAR	174.08	3.73	COM-CAR
COM	177.81	1.4	CAR-COM
TW	179.21	1.11	COM-TW
CAR	180.32	0.6	TW-CAR
MC	180.92	0.87	CAR-MC
CAR	181.79	3.32	MC-CAR
TW	185.11	2.1	CAR-TW
CAR	187.21	2.04	TW-CAR
MC	189.25	5.9	CAR-MC
TW	195.15	1.36	MC-TW
HV	196.51	1.7	TW-HV
CAR	198.21	2.41	HV-CAR
CAR	200.62	1.82	CAR-CAR
TW	202.44	1.37	CAR-TW
MC	203.81	3.65	TW-MC
CAR	207.46	3.87	MC-CAR
COM	211.33	1.14	CAR-COM
HV	212.47	0.48	COM-HV
COM	212.95	0.26	HV-COM
COM	213.21	2.12	COM-COM
CAR	215.33	2.85	COM-CAR
HV	218.18	1.1	CAR-HV
MC	219.28	4.06	HV-MC
MC	223.34	4.63	MC-MC
COM	227.97	1.3	MC-COM
COM	229.27	0.46	COM-COM
MC	229.73	4.45	COM-MC
CAR	234.18	0.59	MC-CAR
MC	234.77	3.66	CAR-MC
COM	238.43	1.6	MC-COM
COM	240.03	1.32	COM-COM
HV	241.35	2.9	COM-HV
MC	244.25	1.5	HV-MC
TW	245.75	2.23	MC-TW
MC	247.98	1.61	TW-MC
MC	249.59	3.83	MC-MC
COM	253.42	3.37	MC-COM
CAR	256.79	1.79	COM-CAR
COM	258.58	4.07	CAR-COM
HV	262.65	0.66	COM-HV
COM	263.31	0.15	HV-COM
TW	263.46	0.49	COM-TW
HV	263.95	1.58	TW-HV
COM	265.53	1.19	HV-COM
COM	266.72	1.73	COM-COM
TW	268.45	2.88	COM-TW
TW	271.33	0.39	TW-TW
CAR	271.72	1.18	TW-CAR
CAR	272.9	1.49	CAR-CAR
HV	274.39	0.86	CAR-HV
HV	275.25	3	HV-HV

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	88
To	Kottawa	TW	71
Side	LHS	CAR	83
Lane	Inner	COM	93
Video name	2250	HV	66
Time started	4:45 PM	SUM	401
Time finished	5:00 AM		
Traffic count (15Min)	401	Veh	
Traffic flow rate	1604	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	2.27	
TW	2.27	1.51	CAR-TW
COM	3.78	1.57	TW-COM
TW	5.35	2.31	COM-TW
CAR	7.66	1.81	TW-CAR
MC	9.47	3.25	CAR-MC
TW	12.72	2.67	MC-TW
HV	15.39	1.21	TW-HV
CAR	16.6	0.56	HV-CAR
CAR	17.16	4.94	CAR-CAR
HV	22.1	2.47	CAR-HV
TW	24.57	4	HV-TW
COM	28.57	2.54	TW-COM
TW	31.11	2.12	COM-TW
COM	33.23	2.17	TW-COM
MC	35.4	2.21	COM-MC
CAR	37.61	3.02	MC-CAR
HV	40.63	1.25	CAR-HV
TW	41.88	3.76	HV-TW
HV	45.64	1.23	TW-HV
MC	46.87	1.96	HV-MC
COM	48.83	2.51	MC-COM
COM	51.34	2.64	COM-COM
HV	53.98	1.8	COM-HV
CAR	55.78	5.82	HV-CAR
CAR	61.6	1.1	CAR-CAR
CAR	62.7	3.52	CAR-CAR
HV	66.22	1.54	CAR-HV
HV	67.76	0.46	HV-HV
MC	68.22	1.67	HV-MC
COM	69.89	3.62	MC-COM
HV	73.51	1.12	COM-HV
MC	74.63	0.41	HV-MC
MC	75.04	1.72	MC-MC
TW	76.76	1.54	MC-TW
MC	78.3	5.73	TW-MC
MC	84.03	1.29	MC-MC
CAR	85.32	4.03	MC-CAR
TW	89.35	2	CAR-TW
CAR	91.35	2.89	TW-CAR
MC	94.24	1.53	CAR-MC
COM	95.77	5.58	MC-COM
CAR	101.35	2.01	COM-CAR
CAR	103.36	0.93	CAR-CAR
HV	104.29	2.25	CAR-HV
TW	106.54	0.52	HV-TW
HV	107.06	0.28	TW-HV
TW	107.34	0.5	HV-TW
COM	107.84	2.06	TW-COM
HV	109.9	1.14	COM-HV
COM	111.04	4.71	HV-COM
HV	115.75	1.3	COM-HV
CAR	117.05	1.58	HV-CAR
MC	118.63	1.34	CAR-MC
TW	119.97	0.83	MC-TW
MC	120.8	1.54	TW-MC
TW	122.34	0.41	MC-TW
COM	122.75	0.94	TW-COM
COM	123.69	1.18	COM-COM
MC	124.87	1.47	COM-MC
CAR	126.34	2.19	MC-CAR
MC	128.53	1.82	CAR-MC
TW	130.35	2.77	MC-TW
CAR	133.12	2.69	TW-CAR
CAR	135.81	1.37	CAR-CAR
CAR	137.18	2.16	CAR-CAR
MC	139.34	1.02	CAR-MC
TW	140.36	0.61	MC-TW
CAR	140.97	1.12	TW-CAR
COM	142.09	0.39	CAR-COM
COM	142.48	1.17	COM-COM
COM	143.65	0.95	COM-COM
MC	144.6	3.75	COM-MC
HV	148.35	0.62	MC-HV
TW	148.97	0.87	HV-TW
MC	149.84	4.76	TW-MC
HV	154.6	2.22	MC-HV
TW	156.82	4.47	HV-TW
COM	161.29	3.29	TW-COM
MC	164.58	0.25	COM-MC
CAR	164.83	2.9	MC-CAR
TW	167.73	1.62	CAR-TW
CAR	169.35	0.61	TW-CAR
HV	169.96	1.31	CAR-HV
MC	171.27	0.43	HV-MC
MC	171.7	1.73	MC-MC
CAR	173.43	2.16	MC-CAR
CAR	175.59	2.94	CAR-CAR
COM	178.53	5.48	CAR-COM
CAR	184.01	1.07	COM-CAR
MC	185.08	1.06	CAR-MC
MC	186.14	0.59	MC-MC
HV	186.73	4	MC-HV
MC	190.73	3.19	HV-MC
CAR	193.92	2.62	MC-CAR
TW	196.54	1.26	CAR-TW
HV	197.8	0.77	TW-HV
CAR	198.57	2.41	HV-CAR
CAR	200.98	5.14	CAR-CAR
TW	206.12	2.64	CAR-TW
TW	208.76	0.98	TW-TW
COM	209.74	2.82	TW-COM
TW	212.56	1.89	COM-TW
CAR	214.45	3.64	TW-CAR
MC	218.09	3.6	CAR-MC
COM	221.69	2.96	MC-COM
COM	224.65	2.95	COM-COM
TW	227.6	3.71	COM-TW
CAR	231.31	1.38	TW-CAR
HV	232.69	1.86	CAR-HV
TW	234.55	4.16	HV-TW
CAR	238.71	2.38	TW-CAR
CAR	241.09	2.24	CAR-CAR
COM	243.33	4.49	CAR-COM
COM	247.82	3.79	COM-COM
COM	251.61	3.75	COM-COM
CAR	255.36	1.54	COM-CAR
TW	256.9	1.42	CAR-TW
TW	258.32	2.31	TW-TW
MC	260.63	0.81	TW-MC
COM	261.44	1.98	MC-COM
MC	263.42	3.09	COM-MC
COM	266.51	1.47	MC-COM
COM	267.98	1.43	COM-COM
TW	269.41	1.12	COM-TW
MC	270.53	1.15	TW-MC
HV	271.68	1.98	MC-HV
HV	273.66	1.79	HV-HV
HV	275.45	5.91	HV-HV
MC	281.36	4.99	HV-MC
MC	286.35	2.08	MC-MC
COM	288.43	1.52	MC-COM
CAR	289.95	3.15	COM-CAR
CAR	293.1	1.04	CAR-CAR
COM	294.14	2.12	CAR-COM
HV	296.26	5.67	COM-HV
MC	301.93	4.69	HV-MC
COM	306.62	2.42	MC-COM

HV	393.07	1.47	HV-HV
TW	394.54	5.93	HV-TW
COM	400.47	2.19	TW-COM
MC	402.66	1.75	COM-MC
TW	404.41	4.76	MC-TW
MC	409.17	1.07	TW-MC
HV	410.24	2.75	MC-HV
MC	412.99	1.64	HV-MC
MC	414.63	1.55	MC-MC
MC	416.18	1.53	MC-MC
TW	417.71	3.84	MC-TW
COM	421.55	3.31	TW-COM
HV	424.86	1.76	COM-HV
CAR	426.62	1.57	HV-CAR
HV	428.19	0.99	CAR-HV
TW	429.18	2.48	HV-TW
HV	431.66	1.68	TW-HV
TW	433.34	2.78	HV-TW
HV	436.12	3.43	TW-HV
MC	439.55	1.22	HV-MC
CAR	440.77	1.24	MC-CAR
HV	442.01	2.5	CAR-HV
TW	444.51	3.99	HV-TW
COM	448.5	2.97	TW-COM
CAR	451.47	8.24	COM-CAR
HV	459.71	3.08	CAR-HV
CAR	462.79	4.08	HV-CAR
MC	466.87	3.94	CAR-MC
MC	470.81	0.32	MC-MC
TW	471.13	3.4	MC-TW
CAR	474.53	1.62	TW-CAR
COM	476.15	0.34	CAR-COM
HV	476.49	2.24	COM-HV
HV	478.73	4.69	HV-HV
HV	483.42	1.05	HV-HV
HV	484.47	2.04	HV-HV
CAR	486.51	5.64	HV-CAR
MC	492.15	1.72	CAR-MC
COM	493.87	0.54	MC-COM
HV	494.41	3.41	COM-HV
CAR	497.82	4.21	HV-CAR
TW	502.03	5.15	CAR-TW
TW	507.18	1.29	TW-TW
HV	508.47	2.85	TW-HV
COM	511.32	2.76	HV-COM
HV	514.08	3.71	COM-HV
MC	517.79	0.93	HV-MC
TW	518.72	0.96	MC-TW
MC	519.68	2.91	TW-MC
COM	522.59	1.81	MC-COM
HV	524.4	3.36	COM-HV
COM	527.76	4.13	HV-COM
HV	531.89	4	COM-HV
COM	535.89	0.8	HV-COM
COM	536.69	3.04	COM-COM
MC	539.73	1.9	COM-MC
CAR	541.63	2.02	MC-CAR
COM	543.65	7.19	CAR-COM
COM	550.84	4.55	COM-COM
TW	555.39	3.47	COM-TW
HV	558.86	0.99	TW-HV
HV	559.85	3.5	HV-HV
COM	563.35	2.73	HV-COM
CAR	566.08	2.25	COM-CAR
TW	568.33	2.1	CAR-TW
TW	570.43	1.53	TW-TW
MC	571.96	6.01	TW-MC
MC	577.97	2	MC-MC
TW	579.97	3.1	MC-TW
HV	583.07	1.97	TW-HV
COM	585.04	1.77	HV-COM
CAR	586.81	2.95	COM-CAR
TW	589.76	2.22	CAR-TW
TW	591.98	4.59	TW-TW
COM	596.57	1.36	TW-COM
MC	597.93	1.85	COM-MC
MC	599.78	2.02	MC-MC
COM	601.8	4.71	MC-COM
MC	606.51	4.63	COM-MC
HV	611.14	3.62	MC-HV
HV	614.76	0.94	HV-HV
HV	615.7	2.42	HV-HV
HV	618.12	1.05	HV-HV
CAR	619.17	2.21	HV-CAR
TW	621.38	3.17	CAR-TW
CAR	624.55	1.35	TW-CAR
COM	625.9	3.3	CAR-COM
HV	629.2	3.59	COM-HV
COM	632.79	2.47	HV-COM
TW	635.26	2.2	COM-TW
HV	637.46	2.45	TW-HV
CAR	639.91	2.69	HV-CAR
TW	642.6	1.45	CAR-TW
TW	644.05	2.18	TW-TW
TW	646.23	3.55	TW-TW
MC	649.78	3.59	TW-MC
MC	653.37	4.06	MC-MC
COM	657.43	1.94	MC-COM
CAR	659.37	1.17	COM-CAR
TW	660.54	2.79	CAR-TW
HV	663.33	2.35	TW-HV
TW	665.68	2.3	HV-TW
COM	667.98	0.81	TW-COM
HV	668.79	0.63	COM-HV
CAR	669.42	2.44	HV-CAR
HV	671.86	7.87	CAR-HV
TW	679.73	2.14	HV-TW
MC	681.87	3.31	TW-MC
CAR	685.18	3.65	MC-CAR
HV	688.83	2.49	CAR-HV
MC	691.32	6.32	HV-MC
MC	697.64	2.75	MC-MC
HV	700.39	1.81	MC-HV
COM	702.2	1.47	HV-COM
TW	703.67	1.23	COM-TW
TW	704.9	2.11	TW-TW
CAR	707.01	0.54	TW-CAR
MC	707.55	4.29	CAR-MC
HV	711.84	2.38	MC-HV
COM	714.22	4.62	HV-COM
TW	718.84	2.21	COM-TW
COM	721.05	2.41	TW-COM
TW	723.46	1.52	COM-TW
TW	724.98	5.88	TW-TW
CAR	730.86	1.64	TW-CAR
HV	732.5	3.24	CAR-HV
HV	735.74	4.44	HV-HV
MC	740.18	3.46	HV-MC
MC	743.64	1.9	MC-MC
HV	745.54	1.92	MC-HV
COM	747.46	0.94	HV-COM
HV	748.4	2.16	COM-HV
HV	750.56	2.41	HV-HV
MC	752.97	1.2	HV-MC
TW	754.17	5.78	MC-TW
MC	759.95	1.16	TW-MC
TW	761.11	2.38	MC-TW
TW	763.49	4.38	TW-TW
TW	767.87	6.3	TW-TW
MC	774.17	4.91	TW-MC
COM	779.08	2.35	MC-COM
TW	781.43	2.66	COM-TW
MC	784.09	4.36	TW-MC
TW	788.45	5.9	MC-TW
CAR	794.35	4.41	TW-CAR
CAR	798.76	0.88	CAR-CAR
HV	799.64	2.41	CAR-HV
COM	802.05	4.45	HV-COM
HV	806.5	2.63	COM-HV
MC	809.13	3.29	HV-MC
COM	278.25	1.59	HV-COM
COM	279.84	1.08	COM-COM
HV	280.92	1.06	COM-HV
TW	281.98	0.91	HV-TW
MC	282.89	0.75	TW-MC
COM	283.64	1.85	MC-COM
CAR	285.49	1.44	COM-CAR
COM	286.93	1.31	CAR-COM
MC	288.24	1.21	COM-MC
COM	289.45	2.03	MC-COM
MC	291.48	1.3	COM-MC
HV	292.78	7.54	MC-HV
COM	300.32	3.48	HV-COM
HV	303.8	1.55	COM-HV
HV	305.35	1.87	HV-HV
TW	307.22	2.81	HV-TW
HV	310.03	2.08	TW-HV
COM	312.11	0.39	HV-COM
CAR	312.5	3.73	COM-CAR
HV	316.23	1.45	CAR-HV
TW	317.68	5.19	HV-TW
MC	322.87	1.92	TW-MC
TW	324.79	1.27	MC-TW
TW	326.06	3.4	TW-TW
MC	329.46	4.23	TW-MC
MC	333.69	0.87	MC-MC
COM	334.56	2.53	MC-COM
MC	337.09	2.89	COM-MC
TW	339.98	1.64	MC-TW
CAR	341.62	1.47	TW-CAR
MC	343.09	2.53	CAR-MC
TW	345.62	1.45	MC-TW
HV	347.07	0.87	TW-HV
HV	347.94	1.87	HV-HV
COM	349.81	0.82	HV-COM
COM	350.63	1.56	COM-COM
MC	352.19	5.67	COM-MC
MC	357.86	1.17	MC-MC
COM	359.03	1.92	MC-COM
TW	360.95	5.71	COM-TW
HV	366.66	1.17	TW-HV
COM	367.83	1.4	HV-COM
COM	369.23	0.52	COM-COM
HV	369.75	2.06	COM-HV
COM	371.81	1.02	HV-COM
MC	372.83	2.97	COM-MC
TW	375.8	0.18	MC-TW
MC	375.98	3.25	TW-MC
MC	379.23	0.89	MC-MC
MC	380.12	2.17	MC-MC
CAR	382.29	2.48	MC-CAR
COM	384.77	0.77	CAR-COM
CAR	385.54	3.58	COM-CAR
MC	389.12	3.27	CAR-MC
HV	392.39	1.16	MC-HV
COM	393.55	1.1	HV-COM
CAR	394.65	0.23	COM-CAR
COM	394.88	4.27	CAR-COM
MC	399.15	1.14	COM-MC
COM	400.29	2.28	MC-COM
HV	402.57	2.09	COM-HV
COM	404.66	1.16	HV-COM
COM	405.82	2.35	COM-COM
HV	408.17	3.92	COM-HV
COM	412.09	5.1	HV-COM
CAR	417.19	2.79	COM-CAR
HV	419.98	4.43	CAR-HV
TW	424.41	1.55	HV-TW
CAR	425.96	0.72	TW-CAR
MC	426.68	0.34	CAR-MC
COM	427.02	1.23	MC-COM
CAR	428.25	0.62	COM-CAR
TW	428.87	2.78	CAR-TW
COM	431.65	1.64	TW-COM
MC	433.29	1.21	COM-MC
MC	434.5	2.56	MC-MC
TW	437.06	4.6	MC-TW
CAR	441.66	0.93	TW-CAR
HV	442.59	0.63	CAR-HV
MC	443.22	0.67	HV-MC
COM	443.89	1.69	MC-COM
COM	445.58	0.72	COM-COM
COM	446.3	3.26	COM-COM
HV	449.56	1.1	COM-HV
HV	450.66	0.36	HV-HV
COM	451.02	4.2	HV-COM
COM	455.22	1.41	COM-COM
CAR	456.63	4.06	COM-CAR
COM	460.69	0.18	CAR-COM
CAR	460.87	3.79	COM-CAR
HV	464.66	2.77	CAR-HV
HV	467.43	1.89	HV-HV
HV	469.32	2.25	HV-HV
CAR	471.57	1.46	HV-CAR
TW	473.03	1.18	CAR-TW
HV	474.21	2.98	TW-HV
HV	477.19	0.81	HV-HV
CAR	478	2.64	HV-CAR
TW	480.64	1.1	CAR-TW
COM	481.74	0.33	TW-COM
MC	482.07	0.66	COM-MC
HV	482.73	1.14	MC-HV
CAR	483.87	3.38	HV-CAR
MC	487.25	0.05	CAR-MC
HV	487.3	0.62	MC-HV
HV	487.92	1.82	HV-HV
CAR	489.74	6.19	HV-CAR
CAR	495.93	0.61	CAR-CAR
COM	496.54	1.18	CAR-COM
CAR	497.72	0.08	COM-CAR
COM	497.8	3.72	CAR-COM
COM	501.52	2.31	COM-COM
TW	503.83	1.77	COM-TW
TW	505.6	0.58	TW-TW
MC	506.18	1.34	TW-MC
TW	507.52	5.95	MC-TW
HV	513.47	2.04	TW-HV
CAR	515.51	2.29	HV-CAR
HV	517.8	3.21	CAR-HV
TW	521.01	2.69	HV-TW
CAR	523.7	0.38	TW-CAR
HV	524.08	1.95	CAR-HV
COM	526.03	3.11	HV-COM
CAR	529.14	2.58	COM-CAR
TW	531.72	1.45	CAR-TW
COM	533.17	1.32	TW-COM
MC	534.49	1.75	COM-MC
TW	536.24	2.38	MC-TW
TW	538.62	1.41	TW-TW
TW	540.03	2.55	TW-TW
HV	542.58	3.94	TW-HV
MC	546.52	0.52	HV-MC
COM	547.04	1.41	MC-COM
TW	548.45	0.99	COM-TW
COM	549.44	1.81	TW-COM
HV	551.25	2.87	COM-HV
TW	554.12	0.9	HV-TW
HV	555.02	2.91	TW-HV
HV	557.93	2.55	HV-HV
HV	560.48	7.61	HV-HV
MC	568.09	3.3	HV-MC
COM	571.39	1.98	MC-COM
TW	573.37	1.28	COM-TW
CAR	574.65	2.24	TW-CAR
MC	576.89	3.04	CAR-MC
CAR	579.93	1.18	MC-CAR
COM	581.11	2.71	CAR-COM
TW	583.82	0.8	COM-TW
COM	584.62	1.45	TW-COM
CAR	586.07	0.26	COM-CAR
HV	309.04	0.18	COM-HV
CAR	309.22	1.87	HV-CAR
TW	311.09	1.81	CAR-TW
COM	312.9	0.43	TW-COM
HV	313.33	1.26	COM-HV
MC	314.59	4.87	HV-MC
COM	319.46	3.31	MC-COM
HV	322.77	2.14	COM-HV
MC	324.91	6.17	HV-MC
MC	331.08	5.72	MC-MC
TW	336.8	0.52	MC-TW
COM	337.32	2.63	TW-COM
TW	339.95	1.21	COM-TW
HV	341.16	1.17	TW-HV
CAR	342.33	1.54	HV-CAR
HV	343.87	2.93	CAR-HV
HV	346.8	1.17	HV-HV
HV	347.97	2.52	HV-HV
COM	350.49	1.65	HV-COM
TW	352.14	2.06	COM-TW
COM	354.2	2.17	TW-COM
CAR	356.37	2.7	COM-CAR
MC	359.07	1.39	CAR-MC
CAR	360.46	1	MC-CAR
CAR	361.46	1.59	CAR-CAR
MC	363.05	1.01	CAR-MC
HV	364.06	0.75	MC-HV
TW	364.81	2.24	HV-TW
HV	367.05	2.42	TW-HV
COM	369.47	6.79	HV-COM
COM	376.26	2.57	COM-COM
MC	378.83	1.45	COM-MC
MC	380.28	1.14	MC-MC
TW	381.42	0.76	MC-TW
MC	382.18	2.81	TW-MC
TW	384.99	1.59	MC-TW
HV	386.58	2.46	TW-HV
COM	389.04	1.29	HV-COM
COM	390.33	0.33	COM-COM
COM	390.66	3.46	COM-COM
MC	394.12	1.92	COM-MC
CAR	396.04	1.78	MC-CAR
MC	397.82	0.81	CAR-MC
MC	398.63	1.52	MC-MC
MC	400.15	5.9	MC-MC
MC	406.05	0.93	MC-MC
COM	406.98	2.13	MC-COM
HV	409.11	0.69	COM-HV
MC	409.8	0.34	HV-MC
HV	410.14	2.71	MC-HV
TW	412.85	1.86	HV-TW
CAR	414.71	2.73	TW-CAR
COM	417.44	3.74	CAR-COM
CAR	421.18	1.96	COM-CAR
MC	423.14	1.88	CAR-MC
COM	425.02	1.19	MC-COM
TW	426.21	2.19	COM-TW
TW	428.4	1.96	TW-TW
CAR	430.36	0.49	TW-CAR
TW	430.85	1.87	CAR-TW
CAR	432.72	1.89	TW-CAR
TW	434.61	2.21	CAR-TW
MC	436.82	0.74	TW-MC
COM	437.56	2.09	MC-COM
CAR	439.65	3.29	COM-CAR
CAR	442.94	0.75	CAR-CAR
TW	443.69	3.98	CAR-TW
CAR	447.67	0.86	TW-CAR
HV	448.53	0.2	CAR-HV
CAR	448.73	4.12	HV-CAR
COM	452.85	1.84	CAR-COM
CAR	454.69	1.19	COM-CAR
MC	455.88	10.78	CAR-MC
HV	466.66	4.04	MC-HV
COM	470.7	5.34	HV-COM
MC	476.04	2.63	COM-MC
TW	478.67	3.77	MC-TW
TW	482.44	5.06	TW-TW
MC	487.5	3.07	TW-MC
MC	490.57	0.62	MC-MC
CAR	491.19	0.43	MC-CAR
CAR	491.62	2.55	CAR-CAR
CAR	494.17	1.86	CAR-CAR
MC	496.03	2.21	CAR-MC
HV	498.24	2.81	MC-HV
COM	501.05	2.84	HV-COM
COM	503.89	1.23	COM-COM
COM	505.12	2.32	COM-COM
TW	507.44	0.83	COM-TW
COM	508.27	2.42	TW-COM
MC	510.69	1.54	COM-MC
COM	512.23	2.22	MC-COM
MC	514.45	2.26	COM-MC
COM	516.71	2	MC-COM
HV	518.71	1.36	COM-HV
COM	520.07	0.66	HV-COM
HV	520.73	0.27	COM-HV
COM	521	1.71	HV-COM
MC	522.71	2.96	COM-MC
COM	525.67	1.98	MC-COM
MC	527.65	1.75	COM-MC
CAR	529.4	1.56	MC-CAR
MC	530.96	4.78	CAR-MC
HV	535.74	0.34	MC-HV
CAR	536.08	2.07	HV-CAR
TW	538.15	0.83	CAR-TW
COM	538.98	3.66	TW-COM
TW	542.64	0.77	COM-TW
CAR	543.41	5.68	TW-CAR
TW	549.09	2.21	CAR-TW
COM	551.3	2.57	TW-COM
HV	553.87	3.5	COM-HV
CAR	557.37	1.49	HV-CAR
HV	558.86	0.81	CAR-HV
COM	559.67	1.38	HV-COM
TW	561.05	4.51	COM-TW
HV	565.56	4.44	TW-HV
TW	570	1.03	HV-TW
CAR	571.03	1.08	TW-CAR
TW	572.11	4.02	CAR-TW
MC	576.13	1.56	TW-MC
COM	577.69	4.63	MC-COM
MC	582.32	1.34	COM-MC
MC	583.66	2.43	MC-MC
MC	586.09	1.43	MC-MC
MC	587.52	2.71	MC-MC
MC	590.23	2.56	MC-MC
COM	592.79	3.32	MC-COM
COM	596.11	2.7	COM-COM
COM	598.81	2.07	COM-COM
CAR	600.88	2.16	COM-CAR
HV	603.04	0.99	CAR-HV
MC	604.03	3.33	HV-MC
MC	607.36	1.1	MC-MC
TW	608.46	4.08	MC-TW
MC	612.54	2.88	TW-MC
HV	615.42	2.58	MC-HV
TW	618	2.14	HV-TW
MC	620.14	1.26	TW-MC
HV	621.4	0.73	MC-HV
CAR	622.13	3.33	HV-CAR
TW	625.46	1.38	CAR-TW
COM	626.84	0.36	TW-COM
HV	627.2	3.03	COM-HV
COM	630.23	1.87	HV-COM
MC	632.1	2.17	COM-MC
TW	634.27	0.84	MC-TW
COM	635.11	1.39	TW-COM
COM	636.5	1.64	COM-COM
COM	638.14	0.97	COM-COM

COM	812.42	3.75	MC–COM
MC	816.17	1.35	COM–MC
MC	817.52	3.86	MC–MC
HV	821.38	5.18	MC–HV
MC	826.56	0.83	HV–MC
HV	827.39	1.16	MC–HV
TW	828.55	1.59	HV–TW
TW	830.14	8.14	TW–TW
HV	838.28	1.36	TW–HV
COM	839.64	2.52	HV–COM
TW	842.16	5.44	COM–TW
CAR	847.6	2.25	TW–CAR
HV	849.85	3.13	CAR–HV
MC	852.98	1.4	HV–MC
TW	854.38	3.23	MC–TW
COM	857.61	2.32	TW–COM
COM	859.93	6.9	COM–COM
MC	866.83	5.9	COM–MC
MC	872.73	0.56	MC–MC
MC	873.29	4.74	MC–MC
CAR	878.03	5.34	MC–CAR
HV	883.37	3.96	CAR–HV
HV	887.33	4.42	HV–HV
MC	891.75	2.99	HV–MC
HV	894.74	1.85	MC–HV
HV	896.59	2.25	HV–HV
MC	898.84	1.06	HV–MC
COM	899.9		MC–COM

CAR	586.33	0.94	CAR–CAR
MC	587.27	7.3	CAR–MC
CAR	594.57	1.36	MC–CAR
HV	595.93	2.17	CAR–HV
CAR	598.1	0.66	HV–COM
TW	598.76	3.3	COM–TW
COM	602.06	2.58	TW–COM
CAR	604.64	2.47	COM–CAR
TW	607.11	1.2	CAR–TW
MC	608.31	1.43	TW–MC
HV	609.74	1.5	MC–HV
TW	611.24	8.04	HV–TW
MC	619.28	4.8	TW–MC
HV	624.08	2.33	MC–HV
HV	626.41	0.84	HV–HV
CAR	627.25	3.71	HV–CAR
HV	630.96	4.45	CAR–HV
HV	635.41	0.95	HV–HV
TW	636.36	3.94	HV–TW
MC	640.3	1.64	TW–MC
CAR	641.94	0.56	MC–CAR
CAR	642.5	1.02	CAR–CAR
CAR	643.52	1.65	CAR–CAR
MC	645.17	1.94	CAR–MC
HV	647.11	1.45	MC–HV
COM	648.56	1.34	HV–COM
CAR	649.9	3.37	COM–CAR
MC	653.27	1.48	CAR–MC
HV	654.75	1.53	MC–HV
MC	656.28	3.39	HV–MC
HV	659.47	0.6	MC–COM
CAR	660.27	1.74	COM–CAR
COM	662.01	1.34	CAR–COM
COM	663.35	1.96	COM–COM
TW	665.31	0.67	COM–TW
TW	666.64	0.38	CAR–TW
CAR	665.98	0.66	TW–CAR
MC	667.02	0.71	TW–MC
HV	667.73	0.89	MC–HV
CAR	668.62	0.92	HV–CAR
CAR	669.54	1.24	CAR–CAR
COM	670.78	4.66	CAR–COM
CAR	675.44	1.9	COM–CAR
CAR	677.34	0.73	CAR–CAR
COM	678.07	1.83	CAR–COM
MC	679.9	2.67	COM–MC
TW	682.57	1.29	MC–TW
COM	683.86	0.86	TW–COM
TW	684.72	0.38	COM–TW
COM	685.1	1.22	TW–COM
TW	686.32	1.53	COM–TW
HV	687.85	0.89	TW–HV
MC	688.74	1.89	HV–MC
COM	690.63	0.44	MC–COM
MC	691.07	2.73	COM–MC
HV	693.8	2.07	MC–HV
CAR	695.87	1.04	HV–CAR
COM	696.91	2.23	CAR–COM
TW	699.14	1.51	COM–MC
CAR	700.65	0.15	MC–CAR
CAR	700.8	1.51	CAR–CAR
COM	702.31	3.46	CAR–COM
MC	705.77	1.73	COM–MC
CAR	707.5	1.29	MC–CAR
TW	708.79	4.66	CAR–TW
CAR	713.45	2.03	TW–CAR
CAR	715.48	3.32	CAR–CAR
MC	718.8	1.94	CAR–MC
COM	720.74	1.54	MC–COM
CAR	722.28	0.39	COM–CAR
HV	722.67	1.48	CAR–HV
HV	724.15	1.4	HV–CAR
CAR	725.55	1.31	CAR–CAR
CAR	726.86	1.57	CAR–CAR
CAR	728.43	1.22	CAR–CAR
COM	729.65	1	CAR–COM
HV	730.65	0.37	COM–HV
TW	731.02	0.43	HV–TW
CAR	731.45	1.08	TW–CAR
CAR	732.53	0.75	CAR–COM
COM	733.28	4.17	COM–COM
CAR	737.45	0.53	CAR–CAR
CAR	737.98	0.89	CAR–CAR
TW	738.87	2.44	CAR–TW
HV	741.31	1.1	TW–HV

COM	742.41	2.23	HV–COM
CAR	744.64	0.3	COM–CAR
HV	744.94	4.49	CAR–HV
CAR	749.43	2.45	HV–CAR
CAR	751.88	0.56	CAR–CAR
MC	752.44	1.72	CAR–MC
COM	754.16	0.34	MC–COM
TW	754.5	1.89	COM–TW
MC	756.39	0.88	TW–MC
HV	757.27	2.9	MC–HV
HV	760.17	1.97	HV–HV
MC	762.14	1.24	HV–MC
CAR	763.38	1.5	MC–CAR
COM	764.88	3.97	CAR–COM
HV	768.85	2.86	COM–HV
TW	771.71	1.04	HV–COM
HV	772.75	2.5	COM–HV
TW	775.25	4.33	HV–TW
COM	779.58	7.37	TW–COM
CAR	786.95	1.37	COM–CAR
MC	788.32	3.8	CAR–MC
HV	792.12	0.97	MC–HV
CAR	793.09	4.73	HV–CAR
MC	797.82	3.19	CAR–MC
CAR	801.01	0.46	MC–CAR
TW	801.47	5.6	CAR–TW
TW	807.07	3.92	TW–TW
HV	810.99	1.42	TW–HV
CAR	812.41	3.41	HV–CAR
HV	815.82	0.78	CAR–HV
COM	816.6	1.8	HV–COM
TW	818.4	4.24	COM–TW
CAR	822.64	1.24	TW–CAR
COM	823.88	1.62	CAR–COM
TW	825.5	0.58	COM–TW
CAR	826.08	0.69	TW–CAR
CAR	826.77	2.87	CAR–CAR
TW	829.64	0.18	CAR–TW
HV	829.82	1.92	TW–HV
CAR	831.74	0.48	HV–CAR
COM	832.22	1.77	CAR–COM
CAR	833.99	0.2	COM–CAR
CAR	834.19	3.23	CAR–CAR
TW	837.42	1.4	CAR–TW
COM	838.82	2.28	TW–COM
COM	841.1	1.51	COM–COM
MC	842.61	6.57	COM–MC
COM	849.18	2.21	MC–COM
CAR	851.39	1.34	COM–CAR
COM	852.73	1.18	CAR–COM
COM	853.91	2.15	COM–COM
MC	856.06	2.02	COM–MC
HV	858.08	0.64	MC–HV
COM	858.72	4.52	HV–COM
MC	863.24	3.26	COM–MC
CAR	866.5	1.69	MC–CAR
CAR	868.19	1.23	CAR–CAR
TW	869.42	1.56	CAR–TW
MC	870.98	0.88	TW–MC
TW	871.86	4.41	MC–TW
COM	876.27	1.77	TW–COM
TW	878.04	1.93	COM–TW
HV	879.97	0.81	TW–HV
TW	880.78	1.57	HV–TW
TW	882.35	4.8	TW–TW
MC	887.15	4.55	TW–MC
HV	891.7	2.43	MC–HV
COM	894.13	2.13	HV–COM
HV	896.26	0.94	COM–HV
MC	897.2	2.47	HV–MC
HV	899.67	0.33	MC–HV
COM	900		HV–COM

COM	821.27	0.96	MC–COM
COM	822.23	1.72	COM–COM
TW	823.95	0.49	COM–TW
CAR	824.44	1.5	TW–CAR
TW	825.94	0.38	CAR–TW
HV	826.32	4.12	TW–HV
CAR	830.44	1.75	HV–CAR
TW	832.19	2.57	CAR–TW
CAR	834.76	1.32	TW–CAR
TW	836.08	2.61	CAR–TW
TW	838.69	1.91	TW–TW
CAR	840.6	0.1	TW–CAR
CAR	840.7	5.13	CAR–CAR
HV	845.83	1.21	CAR–HV
COM	847.04	2.48	HV–COM
HV	849.52	0.67	COM–HV
COM	850.19	0.76	HV–COM
COM	850.95	1.06	COM–COM
TW	852.01	0.88	COM–TW
COM	852.89	1.6	TW–COM
TW	854.49	2.41	COM–TW
HV	856.9	5.6	TW–HV
MC	862.5	0.98	HV–MC
TW	863.48	2.87	MC–TW
CAR	866.35	2.76	TW–CAR
COM	869.11	1.1	CAR–COM
MC	870.21	3.9	COM–MC
COM	874.11	1.11	MC–COM
MC	875.22	2.07	COM–MC
HV	877.29	2.73	MC–HV
CAR	880.02	1.82	HV–CAR
CAR	881.84		CAR–CAR

ANNEX - 3 - Time Headway Data > 1200 Veh/hr Flow Range

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	99
To	Kottawa	TW	78
Side	LHS	CAR	81
Lane	Inner	COM	66
Video name	2700	HV	71
Time started	5:00 PM	SUM	395
Time finished	5:15 PM		
Traffic count (15Min)	395	Veh	
Traffic flow rate	1580	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	3.73	
MC	3.73	2.8	CAR-MC
CAR	6.53	0.46	MC-CAR
TW	6.99	1.02	CAR-TW
HV	8.01	2.79	TW-HV
TW	10.8	1.48	HV-TW
COM	12.28	0.72	TW-COM
HV	13	1.86	COM-HV
HV	14.86	2.16	HV-HV
TW	17.02	5.53	HV-TW
TW	22.55	2.37	TW-TW
TW	24.92	3.26	TW-TW
CAR	28.18	1.21	TW-CAR
CAR	29.39	1.67	CAR-CAR
MC	31.06	4.7	CAR-MC
HV	35.76	3.51	MC-HV
MC	39.27	2.57	HV-MC
CAR	41.84	0.23	MC-CAR
COM	42.07	3.64	CAR-COM
HV	45.71	1.64	COM-HV
TW	47.35	3.74	HV-TW
MC	51.09	3.03	TW-MC
MC	54.12	1.49	MC-MC
TW	55.61	1.63	MC-TW
HV	57.24	2.53	TW-HV
CAR	59.77	0.4	HV-CAR
MC	60.17	0.72	CAR-MC
MC	60.89	3.79	MC-MC
MC	64.68	0.38	MC-MC
HV	65.06	1.46	MC-HV
COM	66.52	4.45	HV-COM
MC	70.97	1.8	COM-MC
CAR	72.77	0.86	MC-CAR
CAR	73.63	2.74	CAR-CAR
MC	76.37	0.61	CAR-MC
HV	76.98	0.87	MC-HV
COM	77.85	2.31	HV-COM
COM	80.16	4.76	COM-COM
MC	84.92	1.58	COM-MC
HV	86.5	2.18	MC-HV
CAR	88.68	6.06	HV-CAR
HV	94.74	1	CAR-HV
TW	95.74	1.74	HV-TW
COM	97.48	4.66	TW-COM
MC	102.14	0.81	COM-MC
TW	102.95	1.19	MC-TW
COM	104.14	3.52	TW-COM
HV	107.66	1.11	COM-HV
TW	108.77	1.11	HV-TW
TW	109.88	2.91	TW-TW
CAR	112.79	1.27	TW-CAR
TW	114.06	1.67	CAR-TW
CAR	115.73	1.03	TW-CAR
HV	116.76	3.63	CAR-HV
TW	120.39	2.7	HV-TW
MC	123.09	3.59	TW-MC
CAR	126.68	5.52	MC-CAR
CAR	132.2	3.47	CAR-CAR
CAR	135.67	2.02	CAR-CAR
COM	137.69	4.12	CAR-COM
CAR	141.81	6.2	COM-CAR
MC	148.01	1.44	CAR-MC
HV	149.45	2.93	MC-HV
CAR	152.38	5.36	HV-CAR
TW	157.74	2.55	CAR-TW
TW	160.29	1.09	TW-TW
COM	161.38	0.38	TW-COM
COM	161.76	2.71	COM-COM
MC	164.47	2.82	COM-MC
CAR	167.29	3.88	MC-CAR
HV	171.17	1.31	CAR-HV
CAR	172.48	0.32	HV-CAR
MC	172.8	3.9	CAR-MC
HV	176.7	3.73	MC-HV
MC	180.43	1.61	HV-MC
HV	182.04	0.69	MC-HV
CAR	182.73	3.83	HV-CAR
COM	186.56	0.8	CAR-COM
HV	187.36	0.63	COM-HV
MC	187.99	3.35	HV-MC
TW	191.34	2.86	MC-TW
MC	194.2	2.21	TW-MC
HV	196.41	1.42	MC-HV
CAR	197.83	3.74	HV-CAR
TW	201.57	2.03	CAR-TW
COM	203.6	3.81	TW-COM
MC	207.41	1.72	COM-MC
MC	209.13	3.34	MC-MC
MC	212.47	0.98	MC-MC
CAR	213.45	1.66	MC-CAR
COM	215.11	1.15	CAR-COM
HV	216.26	0.66	COM-HV
COM	216.92	5.98	HV-COM
CAR	222.9	2.39	COM-CAR
MC	225.29	1.99	CAR-MC
MC	227.28	1.95	MC-MC
CAR	229.23	0.37	MC-CAR
MC	229.6	7.46	CAR-MC
CAR	237.06	1.87	MC-CAR
MC	238.93	0.86	CAR-MC
HV	239.79	2.32	MC-HV
HV	242.11	2.95	HV-HV
MC	245.06	1.95	HV-MC
CAR	247.01	0.74	MC-CAR
CAR	247.75	4.44	CAR-CAR
COM	252.19	1.16	CAR-COM
COM	253.35	1.56	COM-COM
TW	254.91	0.68	COM-TW
TW	255.59	2.02	TW-TW
TW	257.61	0.57	TW-TW
TW	258.18	3.97	TW-TW
CAR	262.15	0.09	TW-CAR
TW	262.24	3.63	CAR-TW
MC	265.87	1.21	TW-MC
CAR	267.08	2.89	MC-CAR
COM	269.97	2.75	CAR-COM
MC	272.72	2.14	COM-MC
CAR	274.86	1.72	MC-CAR
MC	276.58	0.69	CAR-MC
CAR	277.27	3.33	MC-CAR
HV	280.6	2.29	CAR-HV
CAR	282.89	1.69	HV-CAR
COM	284.58	2.68	CAR-COM
TW	287.26	2.27	COM-TW
HV	289.53	1.34	TW-HV
HV	290.87	4.55	HV-HV
CAR	295.42	1.79	HV-CAR
HV	297.21	2.5	CAR-HV
COM	299.71	2.1	HV-COM
COM	301.81	1.92	COM-COM
TW	303.73	3.22	COM-TW
CAR	306.95	1.27	TW-CAR
CAR	308.22	1.19	CAR-CAR
MC	309.41	2.17	CAR-MC
MC	311.58	0.54	MC-MC
TW	312.12	3.71	MC-TW
HV	315.83	2.11	TW-HV
MC	317.94	3.08	HV-MC

Road Name	A4 - Road	Vehicle summary	
From	Colombo	MC	85
To	Kottawa	TW	84
Side	LHS	CAR	79
Lane	Inner	COM	78
Video name	3150	HV	103
Time started	5:30 PM	SUM	429
Time finished	5:45 PM		
Traffic count (15Min)	429	Veh	
Traffic flow rate	1716	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	1.77	
TW	1.77	1.33	CAR-TW
MC	3.1	0.89	TW-MC
MC	3.99	1.62	MC-MC
CAR	5.61	1.06	MC-CAR
MC	6.67	1.39	CAR-MC
MC	8.06	0.39	MC-MC
TW	8.45	1.26	MC-TW
TW	9.71	2.2	TW-TW
HV	11.91	0.57	TW-HV
CAR	12.48	5.65	HV-CAR
TW	18.13	1.83	CAR-TW
CAR	19.96	0.9	TW-CAR
CAR	20.86	0.92	CAR-CAR
TW	21.78	1.62	CAR-TW
COM	23.4	0.63	TW-COM
CAR	24.03	0.56	COM-CAR
TW	24.59	1.84	CAR-TW
HV	26.43	4.1	TW-HV
HV	30.53	2.5	HV-HV
CAR	33.03	1.72	HV-CAR
CAR	34.75	3.87	CAR-CAR
TW	38.62	2.09	CAR-TW
CAR	40.71	4.83	TW-CAR
COM	45.54	0.62	CAR-COM
COM	46.16	1.09	COM-COM
MC	47.25	1.24	COM-MC
CAR	48.49	3.03	MC-CAR
COM	51.52	1.68	CAR-COM
COM	53.2	0.49	COM-COM
TW	53.69	0.9	COM-TW
COM	54.59	6.45	TW-COM
HV	61.04	0.89	COM-HV
MC	61.93	5.18	HV-MC
MC	67.11	2.59	MC-MC
TW	69.7	0.4	MC-TW
TW	70.1	2.27	TW-TW
COM	72.37	2.23	TW-COM
CAR	74.6	1.47	COM-CAR
HV	76.07	0.31	CAR-HV
TW	76.38	1.18	HV-TW
MC	77.56	3.74	TW-MC
HV	81.3	0.7	MC-HV
CAR	82	0.6	HV-CAR
HV	82.6	3.34	CAR-HV
MC	85.94	1.67	HV-MC
MC	87.61	0.74	MC-MC
CAR	88.35	6.34	MC-CAR
MC	94.69	1.94	CAR-MC
MC	96.63	1.5	MC-MC
MC	98.13	1.56	MC-MC
TW	99.69	3.04	MC-TW
HV	102.73	0.27	TW-HV
MC	103	2.3	HV-MC
COM	105.3	3.08	MC-COM
HV	108.38	1.17	COM-HV
MC	109.55	1.62	HV-MC
MC	111.17	6.04	MC-MC
MC	117.21	2.84	MC-MC
COM	120.05	0.99	MC-COM
TW	121.04	2.35	COM-TW
MC	123.39	0.32	TW-MC
CAR	123.71	1.19	MC-CAR
MC	124.9	4.03	CAR-MC
MC	128.93	1.44	MC-MC
COM	130.37	2.7	MC-COM
TW	133.07	0.62	COM-TW
COM	133.69	2.3	TW-COM
TW	135.99	0.6	COM-TW
HV	136.59	0.93	TW-HV
MC	137.52	3.45	HV-MC
HV	140.97	2.04	MC-HV
HV	143.01	1.87	HV-HV
COM	144.88	3.55	HV-COM
COM	148.43	1	COM-COM
MC	149.43	2.3	COM-MC
MC	151.73	4.73	MC-MC
HV	156.46	6.36	MC-HV
TW	162.82	3.04	HV-TW
COM	165.86	1.44	TW-COM
CAR	167.3	1.44	COM-CAR
CAR	168.74	1.55	CAR-CAR
HV	170.29	2.05	CAR-HV
CAR	172.34	0.63	HV-CAR
HV	172.97	1.12	CAR-HV
TW	174.09	1.59	HV-TW
COM	175.68	2	TW-COM
TW	177.68	0.89	COM-TW
COM	178.57	1.48	TW-COM
HV	180.05	0.44	COM-HV
MC	180.49	0.49	HV-MC
MC	180.98	0.77	MC-MC
HV	181.75	2.58	MC-HV
MC	184.33	1.18	HV-MC
CAR	185.51	1.13	MC-CAR
TW	186.64	0.1	CAR-TW
MC	186.74	0.6	TW-MC
HV	187.34	0.8	MC-HV
MC	188.14	1.25	HV-MC
MC	189.39	0.07	MC-MC
HV	189.46	0.5	MC-HV
TW	189.96	3.58	HV-TW
TW	193.54	0.44	TW-TW
COM	193.98	0.74	TW-COM
HV	194.72	1.87	COM-HV
CAR	196.59	0.93	HV-CAR
COM	197.52	1.45	CAR-COM
COM	198.97	0.8	COM-COM
HV	199.77	2.51	COM-HV
CAR	202.28	2.54	HV-CAR
CAR	204.82	3.05	CAR-CAR
TW	207.87	4.33	CAR-TW
TW	212.2	0.21	TW-TW
MC	212.41	1.58	TW-MC
TW	213.99	2.16	MC-TW
HV	216.15	1.51	TW-HV
COM	217.66	5.45	HV-COM
COM	223.11	2.54	COM-COM
TW	225.65	1.27	COM-TW
COM	226.92	1.47	TW-COM
COM	228.39	4.91	COM-COM
CAR	233.3	0.36	COM-CAR
MC	233.66	0.7	CAR-MC
HV	234.36	2.77	MC-HV
CAR	237.13	0.31	HV-CAR
COM	237.44	1.63	CAR-COM
COM	239.07	3.31	COM-COM
HV	242.38	2.57	COM-HV
TW	244.95	0.92	HV-TW
COM	245.87	1.31	TW-COM
MC	247.18	4.47	COM-MC
MC	251.65	2.66	MC-MC
MC	254.31	0.93	MC-MC
COM	255.24	0.94	MC-COM
HV	256.18	1.4	COM-HV
TW	257.58	1.11	HV-TW
CAR	258.69	2.79	TW-CAR
CAR	261.48	0.89	CAR-CAR

Road Name	A1 - Road	Vehicle summary	
From	Kandy	MC	50
To	Colombo	TW	70
Side	RHS	CAR	66
Lane	Inner	COM	67
Video name	3600	HV	49
Time started	7:45 AM	SUM	302
Time finished	8:00 AM		
Traffic count (15Min)	302	Veh	
Traffic flow rate	1208	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
MC	0	4.1	
CAR	4.1	1.03	MC-CAR
MC	5.13	3.4	CAR-MC
MC	8.53	3.71	MC-MC
HV	12.24	3.69	MC-HV
TW	15.93	1.78	HV-TW
TW	17.71	5.09	TW-TW
TW	22.8	0.99	TW-TW
COM	23.79	1.9	TW-COM
CAR	25.69	4.01	COM-CAR
MC	29.7	2.87	CAR-MC
COM	32.57	1.73	MC-COM
TW	34.3	0.55	COM-TW
COM	34.85	1.84	TW-COM
TW	36.69	3.01	COM-TW
COM	39.7	2.03	TW-COM
COM	41.73	0.68	COM-COM
MC	42.41	1.79	COM-MC
HV	44.2	2.22	MC-HV
TW	46.42	1.87	HV-TW
TW	48.29	6.22	TW-TW
COM	54.51	1.63	TW-COM
COM	56.14	2.03	COM-COM
HV	58.17	0.37	COM-HV
CAR	58.54	0.93	HV-CAR
HV	59.47	1.63	CAR-HV
TW	61.1	0.55	HV-TW
CAR	61.65	2.77	TW-CAR
COM	64.42	3.37	CAR-COM
HV	67.79	1.62	COM-HV
TW	69.41	4.14	HV-TW
HV	73.55	2.67	TW-HV
MC	76.22	1.67	HV-MC
TW	77.89	4.93	MC-TW
COM	82.82	4.61	TW-COM
HV	87.43	3.21	COM-HV
CAR	90.64	3.35	HV-CAR
COM	93.99	1.78	CAR-COM
CAR	95.77	0.59	COM-CAR
COM	96.36	2.74	CAR-COM
TW	99.1	4	COM-TW
CAR	103.1	3.17	TW-CAR
HV	106.27	2.17	CAR-HV
CAR	108.44	0.86	HV-CAR
TW	109.3	1.31	CAR-TW
TW	110.61	1.94	TW-TW
MC	112.55	0.94	TW-MC
TW	113.49	9.61	MC-TW
MC	123.1	2.3	TW-MC
TW	125.4	2.8	MC-TW
CAR	128.2	2.51	TW-CAR
COM	130.71	2.3	CAR-COM
COM	133.01	4.98	COM-COM
CAR	137.99	4.02	COM-CAR
HV	142.01	4.48	CAR-HV
TW	146.49	0.67	HV-TW
TW	147.16	4.39	TW-TW
TW	151.55	3.38	TW-TW
CAR	154.93	3.23	TW-CAR
COM	158.16	6.5	CAR-COM
COM	164.66	1.69	COM-COM
COM	166.35	1.66	COM-COM
TW	168.01	1.72	COM-TW
CAR	169.73	2.22	TW-CAR
MC	171.95	3.69	CAR-MC
MC	175.64	2.81	MC-MC
CAR	178.45	6.9	MC-CAR
HV	185.35	2.63	CAR-HV
COM	187.98	2.08	HV-COM
COM	190.06	1.23	COM-COM
CAR	191.29	2.55	COM-CAR
HV	193.84	3.19	CAR-HV
TW	197.03	4.28	HV-TW
COM	201.31	3.02	TW-COM
TW	204.33	2.61	COM-TW
CAR	206.94	6.15	TW-CAR
TW	213.09	1.62	CAR-TW
CAR	214.71	1.16	TW-CAR
CAR	215.87	3.29	CAR-CAR
HV	219.16	1.28	CAR-HV
MC	220.44	5.02	HV-MC
HV	225.46	1.1	MC-HV
TW	226.56	2.45	HV-TW
COM	229.01	2.44	TW-COM
HV	231.45	3.7	COM-HV
CAR	235.15	4.28	HV-CAR
CAR	239.43	3.58	CAR-CAR
TW	243.01	1.23	CAR-TW
TW	244.24	2.81	TW-TW
COM	247.05	1.81	TW-COM
TW	248.86	5.01	COM-TW
HV	253.87	2.67	TW-HV
MC	256.54	4.31	HV-MC
CAR	260.85	2.71	MC-CAR
MC	263.56	4.28	CAR-MC
TW	267.84	1.17	MC-TW
MC	269.01	4.02	TW-MC
TW	273.03	3.44	MC-TW
CAR	276.47	3.11	TW-CAR
COM	279.58	3.4	CAR-COM
COM	282.98	2.31	COM-COM
HV	285.29	1.43	COM-HV
HV	286.72	3.43	HV-HV
HV	290.15	3.12	HV-HV
CAR	293.27	4.51	HV-CAR
COM	297.78	2.3	CAR-COM
COM	300.08	1.74	COM-COM
HV	301.82	4.95	COM-HV
COM	306.77	3.42	HV-COM
COM	310.19	2.5	COM-COM
CAR	312.69	2.7	COM-CAR
MC	315.39	2.71	CAR-MC
COM	318.1	2.35	MC-COM
TW	320.45	2.68	COM-TW
TW	323.13	4.75	TW-TW
COM	327.88	4.77	TW-COM
MC	332.65	2.19	COM-MC
HV	334.84	4.68	MC-HV
HV	339.52	0.6	HV-HV
MC	340.12	1.82	HV-MC
CAR	341.94	5.25	MC-CAR
MC	347.19	1.08	CAR-MC
TW	348.27	1.22	MC-TW
TW	349.49	2.45	TW-TW
TW	351.94	1.73	TW-TW
CAR	353.67	4.22	TW-CAR
HV	357.89	5.16	CAR-HV
MC	363.05	2.93	HV-MC
COM	365.98	1.54	MC-COM
MC	367.52	1.69	COM-MC
COM	369.21	3.31	MC-COM
HV	372.52	1.48	COM-HV
COM	374	0.85	HV-COM
HV	374.85	2.07	COM-HV
TW	376.92	0.53	HV-TW
TW	377.45	2.23	TW-TW
TW	379.68	1.98	TW-TW
HV	381.66	4.85	TW-HV

CAR	321.02	2.75	MC-CAR
HV	323.77	3.72	CAR-HV
HV	327.49	3.6	HV-HV
COM	331.09	4.73	HV-COM
TW	335.82	1.2	COM-TW
HV	337.02	0.57	TW-HV
COM	337.59	2.14	HV-COM
TW	339.73	0.92	COM-TW
HV	340.65	4.66	TW-HV
CAR	345.31	2.53	HV-CAR
MC	347.84	1.27	CAR-MC
HV	349.11	4.04	MC-HV
HV	353.15	2.39	HV-HV
HV	355.54	0.48	HV-HV
MC	356.02	0.74	HV-MC
TW	356.76	1.17	MC-TW
MC	357.93	3.2	TW-MC
CAR	361.13	1.25	MC-CAR
MC	362.38	1.91	CAR-MC
TW	364.29	0.97	MC-TW
MC	365.26	0.33	TW-MC
TW	365.59	3.85	MC-TW
CAR	369.44	3.17	TW-CAR
HV	372.61	2.46	CAR-HV
TW	375.07	2.75	HV-TW
HV	377.82	3.12	TW-HV
MC	380.94	1.01	HV-MC
MC	381.95	1.26	MC-MC
CAR	383.21	3.15	MC-CAR
COM	386.36	3.24	CAR-COM
MC	389.6	3.8	COM-MC
CAR	393.4	3.33	MC-CAR
CAR	396.73	3.11	CAR-CAR
HV	399.84	0.61	CAR-HV
TW	400.45	2.44	HV-TW
TW	402.89	0.93	TW-TW
HV	403.82	3.09	TW-HV
MC	406.91	1.89	HV-MC
COM	408.8	2.57	MC-COM
HV	411.37	1.09	COM-HV
MC	412.46	2.43	HV-MC
MC	414.89	4.6	MC-MC
COM	419.49	2.99	MC-COM
TW	422.48	1.12	COM-TW
COM	423.6	1.15	TW-COM
TW	424.75	3.02	COM-TW
CAR	427.77	4.78	TW-CAR
COM	432.55	6.32	CAR-COM
MC	438.87	0.17	COM-MC
COM	439.04	0.24	MC-COM
CAR	439.28	2.15	COM-CAR
CAR	441.43	0.86	CAR-CAR
CAR	442.29	4.46	CAR-CAR
CAR	446.75	2.92	CAR-CAR
CAR	449.67	7.46	CAR-CAR
CAR	457.13	4.54	CAR-CAR
MC	461.67	2.4	CAR-MC
HV	464.07	0.96	MC-HV
TW	465.03	3.84	HV-TW
MC	468.87	2.76	TW-MC
TW	471.63	3.84	MC-TW
CAR	475.47	1.09	TW-CAR
HV	476.56	3.06	CAR-HV
TW	479.62	1.63	HV-TW
MC	481.25	2.63	TW-MC
TW	483.88	4.76	MC-TW
MC	488.64	2.52	TW-MC
MC	491.16	2.09	MC-MC
HV	493.25	1.88	MC-HV
COM	495.13	1.13	HV-COM
CAR	496.26	2.46	COM-CAR
MC	498.72	1.56	CAR-MC
CAR	500.28	2.52	MC-CAR
TW	502.8	1.99	CAR-TW
TW	504.79	3.6	TW-TW
TW	508.39	1.42	TW-TW
MC	509.81	2.61	TW-MC
MC	512.42	2.38	MC-MC
MC	514.8	3.46	MC-MC
MC	518.26	5.04	MC-MC
MC	523.3	4.59	MC-MC
HV	527.89	2.33	MC-HV
TW	530.22	4.44	HV-TW
COM	534.66	2.48	TW-COM
COM	537.14	3	COM-COM
COM	540.14	1.72	COM-COM
CAR	541.86	1.04	COM-CAR
TW	542.9	1.94	CAR-TW
COM	544.84	0.34	TW-COM
TW	545.18	2.55	COM-TW
COM	547.73	0.45	TW-COM
MC	548.18	1.56	COM-MC
CAR	549.74	2.71	MC-CAR
MC	552.45	0.56	CAR-MC
HV	553.01	2	MC-HV
TW	555.01	1.79	HV-TW
CAR	556.8	3.27	TW-CAR
TW	560.07	2.51	CAR-TW
TW	562.58	1.7	TW-TW
TW	564.28	1.51	TW-TW
CAR	565.79	1.3	TW-CAR
CAR	567.09	2.47	CAR-CAR
HV	569.56	4.26	CAR-HV
HV	573.82	1.56	HV-HV
TW	575.38	0.71	HV-TW
COM	576.09	4.91	TW-COM
HV	581	1.99	COM-HV
TW	582.99	4.83	HV-TW
MC	587.82	1.79	TW-MC
CAR	589.61	2.09	MC-CAR
COM	591.7	1.34	CAR-COM
HV	593.04	0.65	COM-HV
HV	593.69	2.93	HV-HV
HV	596.62	0.7	HV-HV
MC	597.32	0.62	HV-MC
CAR	597.94	1.83	MC-CAR
MC	599.77	1.11	CAR-MC
HV	600.88	0.2	MC-HV
MC	601.08	0.45	HV-MC
COM	601.53	0.34	MC-COM
CAR	601.87	2.32	COM-CAR
HV	604.19	2.11	CAR-HV
TW	606.3	3.39	HV-TW
HV	609.69	1.4	TW-HV
COM	611.09	3.44	HV-COM
COM	614.53	2.27	COM-COM
TW	616.8	0.83	COM-TW
COM	617.63	2.14	TW-COM
MC	619.77	1.11	COM-MC
CAR	620.88	2.15	MC-CAR
CAR	623.03	4.14	CAR-CAR
COM	627.17	1.53	CAR-COM
HV	628.7	1.92	COM-HV
COM	630.62	2.54	HV-COM
MC	633.16	1.22	COM-MC
TW	634.38	2.07	MC-TW
TW	636.45	1.29	TW-TW
HV	637.74	1.59	TW-HV
MC	639.33	2.24	HV-MC
MC	641.57	3.34	MC-MC
MC	644.91	2.62	MC-MC
MC	647.53	1.67	MC-MC
HV	649.2	1.01	MC-HV
TW	650.21	0.81	HV-TW
HV	651.02	3.08	TW-HV
TW	654.1	0.41	HV-TW
COM	654.51	2.88	TW-COM
HV	657.39	0.71	COM-HV
CAR	658.1	2.35	HV-CAR
TW	660.45	3.69	CAR-TW

COM	262.37	2.63	CAR-COM
TW	265	0.72	COM-TW
COM	265.72	4.8	TW-COM
HV	270.52	1.86	COM-HV
TW	272.38	0.32	HV-TW
CAR	272.7	1.59	TW-CAR
MC	274.29	4.62	CAR-MC
CAR	278.91	4.06	MC-CAR
MC	282.97	1.22	CAR-MC
TW	284.19	2.87	MC-TW
CAR	287.06	1.45	TW-CAR
CAR	288.51	1.41	CAR-CAR
CAR	289.92	2.07	CAR-CAR
TW	291.99	1.72	CAR-TW
CAR	293.71	1.21	TW-CAR
HV	294.92	2.79	CAR-HV
COM	297.71	3.67	HV-COM
COM	301.38	1.13	COM-COM
HV	302.51	2.73	COM-HV
TW	305.24	6.97	HV-TW
CAR	312.21	0.46	TW-CAR
MC	312.67	1.42	CAR-MC
TW	314.09	1.65	MC-TW
HV	315.74	1.66	TW-HV
TW	317.4	1.54	HV-TW
TW	318.94	0.94	TW-TW
TW	319.88	1.29	TW-TW
CAR	321.17	1.23	TW-CAR
CAR	322.4	1.12	CAR-CAR
HV	323.52	2.05	CAR-HV
MC	325.57	3.78	HV-MC
HV	329.35	1.36	MC-HV
MC	330.71	2.94	HV-MC
TW	333.65	3.46	MC-TW
COM	337.11	1.62	TW-COM
MC	338.73	1.78	COM-MC
TW	340.51	2.68	MC-TW
HV	343.19	0.9	TW-HV
HV	344.09	1.65	HV-HV
MC	345.74	3.63	HV-MC
CAR	349.37	2.5	MC-CAR
MC	351.87	2.91	CAR-MC
CAR	354.78	1.73	MC-CAR
CAR	356.51	1.9	CAR-CAR
COM	358.41	1.11	CAR-COM
CAR	359.52	0.95	COM-CAR
HV	360.47	2.66	CAR-HV
MC	363.13	1.56	HV-MC
TW	364.69	4.12	MC-TW
COM	368.81	3.28	TW-COM
MC	372.09	0.82	COM-MC
CAR	372.91	1.59	MC-CAR
HV	374.5	1.01	CAR-HV
MC	375.51	5.44	HV-MC
MC	380.95	2.26	MC-MC
HV	383.21	1.64	MC-HV
HV	384.85	1.33	HV-HV
CAR	386.18	0.86	HV-CAR
CAR	387.04	3.5	CAR-CAR
MC	390.54	0.88	CAR-MC
COM	391.42	1.95	MC-COM
HV	393.37	1.78	COM-HV
CAR	395.15	2.3	HV-CAR
COM	397.45	0.43	CAR-COM
HV	397.88	0.2	COM-HV
MC	398.08	0.71	HV-MC
HV	398.79	3.35	MC-HV
HV	402.14	3.53	HV-HV
TW	405.67	4.81	HV-TW
MC	410.48	6.08	TW-MC
TW	416.56	2.78	MC-TW
HV	419.34	4.74	TW-HV
COM	424.08	1.92	HV-COM
MC	426	1.33	COM-MC
TW	427.33	1.61	MC-TW
HV	428.94	2.01	TW-HV
COM	430.95	2.61	HV-COM
COM	433.56	4.87	COM-COM
HV	438.43	3.92	COM-HV
TW	442.35	1.02	HV-TW
MC	443.37	1.49	TW-MC
TW	444.86	2.62	MC-TW
MC	447.48	6.79	TW-MC
HV	454.27	0.7	MC-HV
COM	454.97	0.48	HV-COM
HV	455.45	1.35	COM-HV
CAR	456.8	0.98	HV-CAR
HV	457.78	2.98	CAR-HV
COM	460.76	1.17	HV-COM
TW	461.93	0.75	COM-TW
HV	462.68	2.16	TW-HV
TW	464.84	0.42	HV-TW
CAR	465.26	2.83	TW-CAR
COM	468.09	0.54	CAR-COM
MC	468.63	1.84	COM-MC
TW	470.47	3.2	MC-TW
COM	473.67	2.42	TW-COM
HV	476.09	0.72	COM-HV
HV	476.81	4.69	HV-HV
MC	481.5	1.12	HV-MC
MC	482.62	4.31	MC-MC
HV	486.93	1.61	MC-HV
CAR	488.54	2.31	HV-CAR
HV	490.85	2.44	CAR-HV
CAR	493.29	0.78	HV-CAR
MC	494.07	2.28	CAR-MC
CAR	496.35	0.2	MC-CAR
HV	496.55	0.49	CAR-HV
MC	497.04	2.2	HV-MC
COM	499.24	4.59	MC-COM
TW	503.83	1.19	COM-TW
COM	505.02	1.6	TW-COM
TW	506.62	4.48	COM-TW
COM	511.1	3.37	TW-COM
HV	514.47	1.83	COM-HV
CAR	516.3	0.8	HV-CAR
COM	517.1	0.42	CAR-COM
TW	517.52	2.35	COM-TW
CAR	519.87	4.65	TW-CAR
HV	524.52	1.57	CAR-HV
MC	526.09	5.74	HV-MC
TW	531.83	4.14	MC-TW
COM	535.97	2.6	TW-COM
MC	538.57	1.11	COM-MC
MC	539.68	0.42	MC-MC
HV	540.1	1.99	MC-HV
MC	542.09	1.35	HV-MC
CAR	543.44	1.72	MC-CAR
TW	545.16	4.29	CAR-TW
COM	549.45	0.88	TW-COM
COM	550.33	1.39	COM-COM
HV	551.72	1.8	COM-HV
CAR	553.52	1.45	HV-CAR
CAR	554.97	1.59	CAR-CAR
CAR	556.56	0.51	CAR-CAR
TW	557.07	2.75	CAR-TW
HV	559.82	0.85	TW-HV
MC	560.67	2.02	HV-MC
TW	562.69	0.78	MC-TW
TW	563.47	2.99	TW-TW
CAR	566.46	1.7	TW-CAR
HV	568.16	3.35	CAR-HV
HV	571.51	4.08	HV-HV
COM	575.59	1.58	HV-COM
COM	577.17	0.76	COM-COM
HV	577.93	2.74	COM-HV
HV	580.67	0.84	HV-HV
CAR	581.51	2.15	HV-CAR
CAR	583.66	2.31	CAR-CAR
COM	585.97	2	CAR-COM

MC	386.51	1.45	HV-MC
TW	387.96	4.69	MC-TW
HV	392.65	2.84	TW-HV
MC	395.49	1.34	HV-MC
MC	396.83	8.15	MC-MC
TW	404.98	4.22	MC-TW
TW	409.2	7.69	TW-TW
TW	416.89	3.5	TW-TW
COM	420.39	4.16	TW-COM
TW	424.55	1.08	COM-TW
COM	425.63	1.66	TW-COM
TW	427.29	3.65	COM-TW
CAR	430.94	3.36	TW-CAR
CAR	434.3	3.36	CAR-CAR
CAR	437.66	1.73	CAR-CAR
CAR	439.39	2.91	CAR-CAR
CAR	442.3	1.5	CAR-CAR
MC	443.8	2.35	CAR-MC
MC	446.15	0.9	MC-MC
HV	447.05	3.22	MC-HV
MC	450.27	2.41	HV-MC
MC	452.68	3.75	MC-MC
COM	456.43	1.88	MC-COM
MC	458.31	4.28	COM-MC
TW	462.59	8.17	MC-TW
TW	470.76	3.02	TW-TW
MC	473.78	3.09	TW-MC
TW	476.87	3.94	MC-TW
COM	480.81	2.02	TW-COM
TW	482.83	1.67	COM-TW
MC	484.5	6.23	TW-MC
CAR	490.73	2.05	MC-CAR
COM	492.78	5.74	CAR-COM
HV	498.52	3.37	COM-HV
MC	501.89	2.85	HV-MC
CAR	504.74	1.49	MC-CAR
TW	506.23	2.07	CAR-TW
CAR	508.3	1.66	TW-CAR
HV	509.96	5.07	CAR-HV
TW	515.03	3.32	HV-TW
COM	518.35	4.1	TW-COM
TW	522.45	0.44	COM-TW
CAR	522.89	2.14	TW-CAR
COM	525.03	3.1	CAR-COM
MC	528.13	2.22	COM-MC
MC	530.35	3.01	MC-MC
HV	533.36	3.5	MC-HV
MC	536.86	1.19	HV-MC
MC	538.05	1.04	MC-MC
CAR	539.09	1.75	MC-CAR
HV	540.84	2.67	CAR-HV
COM	543.51	3.86	HV-COM
CAR	547.37	1.2	COM-CAR
CAR	548.57	4.79	CAR-CAR
COM	553.36	2.05	CAR-COM
MC	555.41	3.37	COM-MC
CAR	558.78	2.12	MC-CAR
COM	560.9	3.64	CAR-COM
COM	564.54	0.94	COM-COM
COM	565.48	3.11	COM-COM
COM	568.59	9.02	COM-COM
HV	577.61	0.82	COM-HV
TW	578.43	1.32	HV-TW
COM	579.75	2.64	TW-COM
TW	582.39	2.5	COM-TW
MC	584.89	7.51	TW-MC
TW	592.4	3.27	MC-TW
HV	595.67	2.75	TW-HV
COM	598.42	1.74	HV-COM
COM	600.16	1.8	COM-COM
HV	601.96	2.7	COM-HV
COM	604.66	1.36	HV-COM
COM	606.02	3.61	COM-COM
COM	609.63	4.02	COM-COM
HV	613.65	3.71	COM-HV
TW	617.36	5.45	HV-TW
HV	622.81	2.17	TW-HV
CAR	624.98	0.99	HV-CAR
CAR	625.97	3.35	CAR-CAR
TW	629.32	4.44	CAR-TW
CAR	633.76	1.44	TW-CAR
COM	635.2	1.62	CAR-COM
COM	636.82	6.06	COM-COM
CAR	642.88	1.31	COM-CAR
TW	644.19	2.9	CAR-TW
COM	647.09	3.3	TW-COM
TW	650.39	3.49	COM-TW
COM	653.88	7.15	TW-COM
TW	661.03	3.42	COM-TW
TW	664.45	1.77	TW-TW
MC	666.22	2.49	TW-MC
HV	668.71	3.81	MC-HV
MC	672.52	2.99	HV-MC
COM	675.51	2.32	MC-COM
TW	677.83	2.17	COM-TW
COM	680	6.7	TW-COM
CAR	686.7	4.88	COM-CAR
TW	691.58	1.2	CAR-TW
CAR	692.78	1.22	TW-CAR
CAR	694	5.48	CAR-CAR
CAR	699.48	3.88	CAR-CAR
MC	703.36	2.82	CAR-MC
CAR	706.18	2.67	MC-CAR
CAR	708.85	1.49	CAR-CAR
CAR	710.34	3.91	CAR-CAR
HV	714.25	0.51	CAR-HV
COM	714.76	3.31	HV-COM
HV	718.07	0.91	COM-HV
CAR	718.98	2.54	HV-CAR
HV	721.52	4.32	CAR-HV
CAR	725.84	1.53	HV-CAR
HV	727.37	7.78	CAR-HV
MC	735.15	3.71	HV-MC
CAR	738.86	0.89	MC-CAR
CAR	739.75	3.19	CAR-CAR
MC	742.94	0.15	CAR-MC
CAR	743.09	1.83	MC-CAR
COM	744.92	4.25	CAR-COM
CAR	749.17	6.4	COM-CAR
MC	755.57	2.96	CAR-MC
CAR	758.53	1.74	MC-CAR
COM	760.27	4.1	CAR-COM
CAR	764.37	0.55	COM-CAR
HV	764.92	1.83	CAR-HV
TW	766.75	3.7	HV-TW
HV	770.45	1.77	TW-HV
TW	772.22	3.62	HV-TW
TW	775.84	1.28	TW-TW
HV	777.12	5.96	TW-HV
COM	783.08	6.21	HV-COM
MC	789.29	2.68	COM-MC
HV	791.97	2.57	MC-HV
MC	794.54	2.66	HV-MC
MC	797.2	4.97	MC-MC
TW	802.17	1.47	MC-TW
HV	803.64	5.29	TW-HV
TW	808.93	2.38	HV-TW
TW	811.31	1.49	TW-TW
COM	812.8	5.37	TW-COM
CAR	818.17	0.56	COM-CAR
HV	818.73	1.82	CAR-HV
CAR	820.55	2.56	HV-CAR
CAR	823.11	2.28	CAR-CAR
MC	825.39	1.9	CAR-MC
COM	827.29	0.76	MC-COM
CAR	828.05	3.31	COM-CAR
MC	831.36	3.4	CAR-MC
COM	834.76	3.79	MC-COM
CAR	838.55	4.15	COM-CAR
HV	842.7	2.28	CAR-HV

TW	664.14	1.09	TW–TW
CAR	665.23	1	TW–CAR
HV	666.23	0.44	CAR–HV
CAR	666.67	3.21	HV–CAR
HV	669.88	1.17	CAR–HV
TW	671.38	1.71	MC–TW
MC	671.05	0.33	HV–MC
MC	673.09	1.59	TW–MC
MC	674.68	0.51	MC–MC
TW	675.19	1.8	MC–TW
COM	676.99	4.85	TW–COM
COM	681.84	2.46	COM–COM
CAR	684.3	4.79	COM–CAR
HV	689.09	0.77	CAR–COM
TW	689.86	5.07	COM–TW
HV	694.93	3.8	TW–HV
CAR	698.73	1.13	HV–CAR
TW	699.86	1.08	CAR–TW
COM	700.94	2.13	TW–COM
MC	703.07	4.84	COM–MC
MC	707.91	0.33	MC–COM
CAR	708.24	1.44	COM–CAR
TW	709.68	1.4	CAR–TW
MC	711.08	0.41	TW–MC
MC	711.49	3.96	MC–MC
MC	715.45	0.74	MC–MC
TW	716.19	0.64	MC–TW
CAR	716.83	0.78	TW–CAR
CAR	717.61	1.67	CAR–CAR
COM	719.28	1.97	CAR–COM
MC	721.25	1	COM–MC
COM	722.25	1.13	MC–COM
TW	723.38	2.59	COM–TW
HV	725.97	4	TW–HV
COM	729.97	2.46	HV–COM
COM	732.43	0.79	COM–COM
MC	733.22	1.66	COM–MC
MC	734.88	7.34	MC–MC
COM	742.22	0.83	MC–COM
MC	743.05	1.62	COM–MC
TW	744.67	1.79	MC–TW
CAR	746.46	1.06	TW–CAR
MC	747.52	1.03	CAR–MC
MC	748.55	1.67	MC–MC
HV	750.22	1.67	MC–HV
COM	751.89	1.66	HV–COM
MC	753.55	2.04	COM–MC
TW	755.59	1.85	MC–TW
MC	757.44	1.65	TW–MC
COM	759.09	1.89	MC–COM
MC	760.98	0.85	COM–MC
TW	761.83	1.05	MC–TW
COM	762.88	1.5	TW–COM
MC	764.38	2.41	COM–COM
TW	766.79	11.09	COM–TW
CAR	777.88	1.28	TW–CAR
TW	779.16	1.85	CAR–TW
COM	781.01	0.35	TW–COM
MC	781.36	5.37	COM–MC
MC	786.73	0.63	MC–MC
COM	787.36	1.46	MC–COM
MC	788.82	4.3	COM–MC
HV	793.12	1.92	MC–MC
COM	795.04	2.49	MC–COM
HV	797.53	1.76	COM–HV
MC	799.29	4.6	HV–MC
MC	803.89	1.38	MC–MC
COM	805.27	1.34	MC–COM
MC	806.61	6.91	COM–MC
COM	813.52	4.16	MC–COM
CAR	817.68	1.08	COM–CAR
HV	818.76	2.44	CAR–HV
HV	821.2	6.98	HV–HV
HV	828.18	5.19	HV–HV
HV	833.37	2.59	HV–HV
TW	835.96	0.72	HV–TW
TW	836.68	1.45	TW–TW
COM	838.13	2.94	TW–COM
MC	841.07	0.51	COM–MC
MC	841.58	0.51	MC–MC
TW	842.09	2.77	MC–TW
COM	844.86	3.63	TW–COM
CAR	848.49	1.74	COM–CAR
HV	850.23	1.24	CAR–HV
CAR	852.67	1.85	TW–CAR
CAR	854.52	1.62	CAR–CAR
HV	856.14	0.3	CAR–HV
MC	856.44	0.4	HV–MC
TW	856.84	2.86	MC–TW
CAR	859.7	0.54	TW–CAR
CAR	860.24	3.65	CAR–CAR
CAR	863.89	6.16	CAR–CAR
TW	870.05	2.12	CAR–TW
COM	872.17	1.79	TW–COM
MC	875.99	2.55	HV–MC
HV	873.96	2.03	COM–HV
CAR	879.71	3.09	COM–CAR
COM	878.54	1.17	MC–COM
TW	882.8	3.08	CAR–TW
MC	885.88	4.33	TW–MC
CAR	890.21	1.79	MC–CAR
HV	892	0.7	CAR–HV
CAR	892.7	0.93	HV–CAR
MC	893.63	3.61	CAR–MC
MC	897.24	2.19	MC–MC
MC	899.43		MC–MC

COM	750.92	1.87	COM–COM
CAR	752.79	3.19	COM–CAR
CAR	755.98	2.12	CAR–CAR
CAR	758.1	5.78	CAR–CAR
MC	763.88	1.59	CAR–MC
MC	765.47	0.7	MC–MC
HV	766.17	0.93	MC–HV
MC	767.1	1.15	HV–MC
CAR	768.25	3.35	MC–CAR
HV	771.6	3.92	CAR–HV
HV	775.52	0.71	HV–HV
MC	776.23	0.25	HV–MC
CAR	776.48	1.5	MC–CAR
COM	777.98	3.98	CAR–COM
HV	781.96	0.7	COM–HV
CAR	782.66	1.32	HV–CAR
TW	783.98	1.85	CAR–TW
MC	785.83	1.57	TW–MC
COM	787.4	0.49	MC–COM
CAR	787.89	4.19	COM–CAR
TW	792.08	1.68	CAR–TW
HV	793.76	1.74	TW–HV
MC	795.5	3.56	HV–MC
CAR	799.06	7.01	MC–CAR
CAR	806.07	0.35	CAR–CAR
HV	806.42	3.8	CAR–HV
MC	810.22	2.17	HV–MC
CAR	812.39	1.87	MC–CAR
COM	814.26	0.66	CAR–COM
TW	814.92	1.95	COM–TW
CAR	816.87	3.96	TW–CAR
HV	820.83	1.3	CAR–HV
COM	822.13	1.49	HV–COM
HV	823.62	1.82	COM–HV
HV	825.44	2.05	HV–HV
COM	827.49	0.89	HV–COM
COM	828.38	1.36	COM–COM
MC	829.74	1.77	COM–MC
COM	831.51	1.29	MC–COM
TW	832.8	0.4	COM–TW
HV	833.2	2.77	TW–HV
COM	835.97	1.52	HV–COM
HV	837.49	4.77	COM–HV
HV	842.26	3	HV–HV
CAR	845.26	1.64	HV–CAR
TW	846.9	2.06	CAR–TW
TW	848.96	0.77	TW–TW
MC	849.73	1.61	TW–MC
HV	851.34	3.23	MC–HV
HV	854.57	6.34	HV–HV
HV	860.91	2.14	HV–HV
HV	863.05	2.03	HV–HV
TW	865.08	0.77	HV–TW
MC	865.85	2.74	TW–MC
TW	868.59	1.61	MC–TW
CAR	870.2	2.95	TW–CAR
TW	873.15	5.48	CAR–TW
HV	878.63	1.46	TW–HV
CAR	880.09	3.57	HV–CAR
MC	883.66		CAR–MC

COM	587.97	0.78	COM–COM
CAR	588.75	1.15	COM–CAR
HV	589.9	2.67	CAR–HV
HV	592.57	1.46	HV–HV
COM	594.03	2.61	HV–COM
COM	596.64	5.61	COM–COM
COM	602.25	2.46	COM–COM
HV	604.71	0.75	COM–HV
HV	605.46	0.38	HV–HV
HV	605.84	1.41	HV–HV
MC	607.25	1.07	HV–MC
HV	608.32	6.37	MC–HV
HV	614.69	0.8	HV–HV
HV	615.49	2.11	HV–COM
HV	617.6	0.57	COM–HV
TW	618.17	0.73	HV–TW
COM	618.9	2.6	TW–COM
HV	621.5	0.42	COM–HV
TW	621.92	4.57	HV–TW
TW	626.49	1.13	TW–TW
TW	627.62	0.95	TW–TW
CAR	628.57	2.11	TW–CAR
TW	630.68	2.14	CAR–TW
HV	632.82	0.53	TW–HV
CAR	633.35	3.59	HV–CAR
HV	636.94	2.22	CAR–HV
COM	639.16	1.95	HV–COM
TW	641.11	0.27	COM–TW
CAR	641.38	2.41	TW–CAR
HV	643.79	1.2	CAR–HV
MC	644.99	0.27	HV–MC
HV	645.26	0.46	MC–HV
HV	645.72	4.73	HV–HV
TW	650.45	1.28	HV–TW
TW	651.73	3.15	TW–TW
TW	654.88	1.13	TW–TW
COM	656.01	3.45	TW–COM
TW	659.46	0.67	COM–TW
MC	660.13	0.85	TW–MC
CAR	660.98	3.79	MC–CAR
HV	664.77	3	CAR–HV
MC	667.77	3.82	HV–MC
TW	671.59	0.38	MC–TW
COM	671.97	2.46	TW–COM
TW	674.43	1.07	COM–TW
HV	675.5	0.63	TW–HV
CAR	676.13	1.3	HV–CAR
COM	677.43	2.88	CAR–COM
COM	680.31	1.58	COM–COM
TW	681.89	0.3	COM–TW
CAR	682.19	1.54	TW–CAR
MC	683.73	0.3	CAR–MC
MC	684.03	2.92	MC–MC
MC	686.95	1.51	MC–MC
TW	688.46	1.16	MC–TW
COM	689.62	5.76	TW–COM
HV	693.38	1.47	COM–HV
HV	696.85	3.5	HV–HV
HV	700.35	1.93	HV–MC
TW	702.28	1.61	MC–TW
COM	703.89	2.85	TW–COM
TW	706.74	1	COM–TW
TW	707.74	0.5	TW–TW
TW	708.24	2.42	TW–TW
TW	710.66	1.56	TW–TW
CAR	712.22	7.47	TW–CAR
COM	719.69	1.14	CAR–COM
HV	720.83	2.6	COM–HV
HV	723.43	1.53	HV–HV
TW	724.96	5.53	HV–TW
MC	730.49	0.65	TW–MC
HV	731.14	3.09	MC–HV
HV	734.23	1.45	HV–HV
HV	735.68	1.08	HV–CAR
HV	736.76	1.48	CAR–HV
MC	738.24	5.08	HV–MC
HV	743.32	0.77	MC–HV
CAR	744.09	2.86	HV–COM
MC	746.95	0.92	COM–MC
MC	747.87	0.9	MC–MC
COM	748.77	2.15	MC–COM
COM	750.92	1.87	COM–COM
CAR	752.79	3.19	COM–CAR
CAR	755.98	2.12	CAR–CAR
CAR	758.1	5.78	CAR–CAR

ANNEX - 3 - Time Headway Data > 1200 Veh/hr Flow Range

Road Name	A1 - Road	Vehicle summary	
From	Kandy	MC	73
To	Colombo	TW	74
Side	RHS	CAR	87
Lane	Inner	COM	50
Video name	4050	HV	65
Time started	8:00 AM	SUM	349
Time finished	8:15 AM		
Traffic count (15Min)	349	Veh	
Traffic flow rate	1396	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	1.24	
TW	1.24	2.87	CAR-TW
CAR	4.11	1.83	TW-CAR
TW	5.94	5.89	CAR-TW
MC	11.83	1.59	TW-MC
COM	13.42	1.17	MC-COM
CAR	14.59	2.38	COM-CAR
TW	16.97	5.94	CAR-TW
MC	22.91	1.77	TW-MC
CAR	24.68	2.08	MC-CAR
MC	26.76	0.43	CAR-MC
HV	27.19	2.27	MC-HV
CAR	29.46	1.09	HV-CAR
MC	30.55	2.35	CAR-MC
CAR	32.9	2.58	MC-CAR
CAR	35.48	1.96	CAR-CAR
CAR	37.44	0.75	CAR-CAR
COM	38.19	2.01	CAR-COM
MC	40.2	3.29	COM-MC
COM	43.49	2.74	MC-COM
TW	46.23	2.75	COM-TW
CAR	48.98	0.57	TW-CAR
HV	49.55	0.64	CAR-HV
TW	50.19	4.71	HV-TW
MC	54.9	1.12	TW-MC
HV	56.02	2.13	MC-HV
HV	58.15	0.83	HV-HV
CAR	58.98	3.94	HV-CAR
MC	62.92	4.41	CAR-MC
MC	67.33	2.54	MC-MC
CAR	69.87	2.51	MC-CAR
CAR	72.38	2.53	CAR-CAR
TW	74.91	2.77	CAR-TW
COM	77.68	1.74	TW-COM
TW	79.42	3.18	COM-TW
TW	82.6	2.44	TW-TW
COM	85.04	2.95	TW-COM
MC	87.99	1.2	COM-MC
CAR	89.19	2.57	MC-CAR
COM	91.76	2.48	CAR-COM
TW	94.24	1.49	COM-TW
MC	95.73	1.38	TW-MC
COM	97.11	1.01	MC-COM
TW	98.12	5.56	COM-TW
HV	103.68	3.64	TW-HV
CAR	107.32	1.77	HV-CAR
HV	109.09	0.55	CAR-HV
CAR	109.64	1.77	HV-CAR
MC	111.41	5.22	CAR-MC
CAR	116.63	2.19	MC-CAR
TW	118.82	0.85	CAR-TW
CAR	119.67	2.53	TW-CAR
MC	122.2	2.12	CAR-MC
TW	124.32	2.43	MC-TW
HV	126.75	2.09	TW-HV
MC	128.84	6.78	HV-MC
TW	135.62	0.51	MC-TW
MC	136.13	4.02	TW-MC
CAR	140.15	3.29	MC-CAR
HV	143.44	1.96	CAR-HV
MC	145.4	2.54	HV-MC
CAR	147.94	1.56	MC-CAR
HV	149.5	2.22	CAR-HV
MC	151.72	2.26	HV-MC
MC	153.98	1.17	MC-MC
TW	155.15	4.79	MC-TW
TW	159.94	1.09	TW-TW
MC	161.03	0.85	TW-MC
TW	161.88	2.42	MC-TW
CAR	164.3	3.08	TW-CAR
TW	167.38	2.36	CAR-TW
HV	169.74	1.79	TW-HV
HV	171.53	1.97	HV-HV
COM	173.5	2.99	HV-COM
CAR	176.49	3.87	COM-CAR
HV	180.36	1.51	CAR-HV
TW	181.87	2.35	HV-TW
COM	184.22	0.99	TW-COM
TW	185.21	3.37	COM-TW
CAR	188.58	3.42	TW-CAR
TW	192	1.81	CAR-TW
CAR	193.81	2.52	TW-CAR
TW	196.33	2.06	CAR-TW
TW	198.39	0.9	TW-TW
TW	199.29	3.74	TW-TW
CAR	203.03	1.1	TW-CAR
CAR	204.13	2.63	CAR-CAR
MC	206.76	2.99	CAR-MC
CAR	209.75	4.11	MC-CAR
MC	213.86	5.39	CAR-MC
MC	219.25	2.16	MC-MC
MC	221.41	1.19	MC-MC
TW	222.6	1.65	MC-TW
COM	224.25	4	TW-COM
COM	228.25	1.09	COM-COM
TW	229.34	3.55	COM-TW
TW	232.89	2.32	TW-TW
CAR	235.21	1.95	TW-CAR
HV	237.16	1.13	CAR-HV
TW	238.29	1.23	HV-TW
CAR	239.52	4.2	TW-CAR
HV	243.72	2.62	CAR-HV
MC	246.34	0.85	HV-MC
CAR	247.19	1.01	MC-CAR
HV	248.2	4.76	CAR-HV
COM	252.96	2.11	HV-COM
MC	255.07	3.24	COM-MC
MC	258.31	2.54	MC-MC
TW	260.85	1.07	MC-TW
MC	261.92	4.74	TW-MC
CAR	266.66	2.51	MC-CAR
HV	269.17	2.32	CAR-HV
COM	271.49	2.99	HV-COM
HV	274.48	3.73	COM-HV
COM	278.21	2.21	HV-COM
COM	280.42	1.26	COM-COM
CAR	281.68	1.39	COM-CAR
HV	283.07	1.98	CAR-HV
MC	285.05	2.34	HV-MC
TW	287.39	1.07	MC-TW
TW	288.46	3.86	TW-TW
COM	292.32	0.79	TW-COM
TW	293.11	1.69	COM-TW
HV	294.8	1.72	TW-HV
CAR	296.52	2.12	HV-CAR
CAR	298.64	1.68	CAR-CAR
CAR	300.32	2.93	CAR-CAR
CAR	303.25	1.29	CAR-CAR
HV	304.54	2.02	CAR-HV
CAR	306.56	0.67	HV-CAR
TW	307.23	4.9	CAR-TW
COM	312.13	2.69	TW-COM
MC	314.82	4.15	COM-MC
COM	318.97	0.95	MC-COM
COM	319.92	4.65	COM-COM
TW	324.57	0.56	COM-TW
HV	325.13	2.29	TW-HV
TW	327.42	4.09	HV-TW

Road Name	A1 - Road	Vehicle summary	
From	Kandy	MC	86
To	Colombo	TW	71
Side	RHS	CAR	92
Lane	Inner	COM	77
Video name	4500	HV	90
Time started	8:15 AM	SUM	416
Time finished	8:30 AM		
Traffic count (15Min)	416	Veh	
Traffic flow rate	1664	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
TW	0	2.47	
CAR	2.47	0.07	TW-CAR
CAR	2.54	2.25	CAR-CAR
CAR	4.79	2.42	CAR-CAR
HV	7.21	0.53	CAR-HV
HV	7.74	1.91	HV-HV
CAR	9.65	0.99	HV-CAR
CAR	10.64	0.49	CAR-CAR
TW	11.13	2.49	CAR-TW
HV	13.62	1.02	TW-HV
COM	14.64	2.23	HV-COM
MC	16.87	0.86	COM-MC
MC	17.73	4.02	MC-MC
MC	21.75	5.3	MC-MC
COM	27.05	1.32	MC-COM
CAR	28.37	1.63	COM-CAR
MC	30	1.16	CAR-MC
HV	31.16	1.71	MC-HV
CAR	32.87	2.61	HV-CAR
MC	35.48	3.4	CAR-MC
CAR	38.88	1.38	MC-CAR
CAR	40.26	2.95	CAR-CAR
MC	43.21	1.68	CAR-MC
MC	44.89	5.34	MC-MC
TW	50.23	0.93	MC-TW
COM	51.16	2.32	TW-COM
HV	53.48	3.46	COM-HV
COM	56.94	0.73	HV-COM
HV	57.67	5.07	COM-HV
CAR	62.74	3.25	HV-CAR
CAR	65.99	4.46	CAR-CAR
MC	70.45	1.43	CAR-MC
TW	71.88	3.89	MC-TW
COM	75.77	1.31	TW-COM
CAR	77.08	2.09	COM-CAR
HV	79.17	1.86	CAR-HV
TW	81.03	2.29	HV-TW
HV	83.32	1.29	TW-HV
COM	84.61	2	HV-COM
CAR	86.61	0.23	COM-CAR
TW	86.84	1.08	CAR-TW
MC	87.92	2.38	TW-MC
HV	90.3	3.29	MC-HV
HV	93.59	3.04	HV-HV
HV	96.63	1.37	HV-HV
HV	98	1.85	HV-HV
MC	99.85	2.03	HV-MC
HV	101.88	3.04	MC-HV
COM	104.92	3.58	HV-COM
HV	108.5	1.88	COM-HV
HV	110.38	1.13	HV-HV
HV	111.51	0.6	HV-HV
MC	112.11	2.2	HV-MC
COM	114.31	1.21	MC-COM
COM	115.52	0.72	COM-COM
TW	116.24	0.52	COM-TW
COM	116.76	1.87	TW-COM
CAR	118.63	1	COM-CAR
CAR	119.63	4.41	CAR-CAR
HV	124.04	0.53	CAR-HV
CAR	124.57	0.69	HV-CAR
HV	125.26	0.49	CAR-HV
TW	125.75	1.69	HV-TW
MC	127.44	1.41	TW-MC
MC	128.85	1.01	MC-MC
CAR	129.86	0.6	MC-CAR
TW	130.46	5.36	CAR-TW
CAR	135.82	5.05	TW-CAR
TW	140.87	0.79	CAR-TW
TW	141.66	2.06	TW-TW
HV	143.72	2.38	TW-HV
COM	146.1	1.78	HV-COM
TW	147.88	2.96	COM-TW
MC	150.84	1.32	TW-MC
CAR	152.16	3.01	MC-CAR
CAR	155.17	1.52	CAR-CAR
MC	156.69	2.04	CAR-MC
TW	158.73	7.01	MC-TW
CAR	165.74	2.02	TW-CAR
MC	167.76	1.01	CAR-MC
TW	168.77	0.89	MC-TW
HV	169.66	2.24	TW-HV
COM	171.9	2.02	HV-COM
MC	173.92	0.26	COM-MC
TW	174.18	3.86	MC-TW
TW	178.04	3.42	TW-TW
TW	181.46	1.65	TW-TW
TW	183.11	3.16	TW-TW
CAR	186.27	2.13	TW-CAR
CAR	188.4	2.74	CAR-CAR
TW	191.14	1.03	CAR-TW
COM	192.17	4.48	TW-COM
MC	196.65	0.98	COM-MC
CAR	197.63	0.93	MC-CAR
MC	198.56	3.27	CAR-MC
TW	201.83	0.91	MC-TW
TW	202.74	1.36	TW-TW
MC	204.1	1.73	TW-MC
TW	205.83	2.66	MC-TW
CAR	208.49	0.44	TW-CAR
CAR	208.93	2.08	CAR-CAR
HV	211.01	1.98	CAR-HV
COM	212.99	0.18	HV-COM
HV	213.17	2.73	COM-HV
CAR	215.9	0.57	HV-CAR
HV	216.47	2.04	CAR-HV
COM	218.51	2.77	HV-COM
MC	221.28	4.11	COM-MC
CAR	225.39	0.92	MC-CAR
COM	226.31	0.34	CAR-COM
CAR	226.65	1.28	COM-CAR
CAR	227.93	0.28	CAR-CAR
MC	228.21	2.9	CAR-MC
TW	231.11	2.21	MC-TW
HV	233.32	0.6	TW-HV
TW	233.92	8.38	HV-TW
MC	242.3	2.62	TW-MC
COM	244.92	8.76	MC-COM
TW	253.68	1.55	COM-TW
TW	255.23	2.16	TW-TW
CAR	257.39	2.94	TW-CAR
TW	260.33	1.24	CAR-TW
TW	261.57	2.11	TW-TW
MC	263.68	1.8	TW-MC
MC	265.48	1.44	MC-MC
CAR	266.92	3.36	MC-CAR
TW	270.28	1.85	CAR-TW
TW	272.13	1.01	TW-TW
CAR	273.14	3.89	TW-CAR
CAR	277.03	0.64	CAR-CAR
HV	277.67	0.2	CAR-HV
CAR	277.87	1.43	HV-CAR
HV	279.3	4.17	CAR-HV
TW	283.47	0.66	HV-TW
TW	284.13	2.79	TW-TW
CAR	286.92	3.71	TW-CAR
HV	290.63	2.51	CAR-HV
MC	293.14	1.43	HV-MC

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	92
To	Kandy	TW	84
Side	LHS	CAR	87
Lane	Inner	COM	67
Video name	4950	HV	92
Time started	1:30 PM	SUM	422
Time finished	1:45 PM		
Traffic count (15Min)	422	Veh	
Traffic flow rate	1688	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
HV	0	1.77	
MC	1.77	1.95	HV-MC
MC	3.72	0.46	MC-MC
TW	4.18	4.26	MC-TW
COM	8.44	4.95	TW-COM
MC	13.39	0.55	COM-MC
MC	13.94	0.99	MC-MC
COM	14.93	1.81	MC-COM
CAR	16.74	5.77	COM-CAR
TW	22.51	0.92	CAR-TW
COM	23.43	2.03	TW-COM
COM	25.46	2.36	COM-COM
CAR	27.82	1.21	COM-CAR
HV	29.03	4.27	CAR-HV
TW	33.3	0.9	HV-TW
CAR	34.2	2.63	TW-CAR
TW	36.83	0.74	CAR-TW
COM	37.57	6.61	TW-COM
COM	44.18	0.69	COM-COM
MC	44.87	1.6	COM-MC
CAR	46.47	0.88	MC-CAR
CAR	47.35	1.1	CAR-CAR
MC	48.45	1.61	CAR-MC
CAR	50.06	2.45	MC-CAR
COM	52.51	0.41	CAR-COM
CAR	52.92	3.35	COM-CAR
HV	56.27	3.62	CAR-HV
MC	59.89	1.47	HV-MC
CAR	61.36	1.69	MC-CAR
MC	63.05	3.1	CAR-MC
CAR	66.15	1.78	MC-CAR
CAR	67.93	0.4	CAR-CAR
TW	68.33	2.77	CAR-TW
TW	71.1	1.59	TW-TW
HV	72.69	1.82	TW-HV
CAR	74.51	3.93	HV-CAR
TW	78.44	1.19	CAR-TW
CAR	79.63	0.45	TW-CAR
MC	80.08	2.76	CAR-MC
COM	82.84	3.6	MC-COM
MC	86.44	0.95	COM-MC
COM	87.39	3.04	MC-COM
CAR	90.43	0.9	COM-CAR
MC	91.33	5.92	CAR-MC
HV	97.25	3	MC-HV
MC	100.25	2.03	HV-MC
MC	102.28	2.53	MC-MC
HV	104.81	3.66	MC-HV
HV	108.47	0.09	HV-HV
COM	108.56	1.54	HV-COM
MC	110.1	1.15	COM-MC
MC	111.25	0.1	MC-MC
TW	111.35	2.09	MC-TW
MC	113.44	1.41	TW-MC
TW	114.85	2.97	MC-TW
COM	117.82	1.03	TW-COM
HV	118.85	1.61	COM-HV
TW	120.46	1.8	HV-TW
TW	122.26	2.91	TW-TW
CAR	125.17	2.56	TW-CAR
TW	127.73	4.51	CAR-TW
TW	132.24	1.26	TW-TW
COM	133.5	1.37	TW-COM
MC	134.87	4.75	COM-MC
HV	139.62	2.2	MC-HV
COM	141.82	0.96	HV-COM
HV	142.78	0.29	COM-HV
CAR	143.07	0.24	HV-CAR
MC	143.31	0.79	CAR-MC
TW	144.1	4.24	MC-TW
HV	148.34	0.94	TW-HV
CAR	149.28	4.27	HV-CAR
CAR	153.55	0.2	CAR-CAR
CAR	153.75	1.19	CAR-CAR
TW	154.94	4.16	CAR-TW
MC	159.1	1.93	TW-MC
MC	161.03	0.67	MC-MC
MC	161.7	1.11	MC-MC
HV	162.81	3.24	MC-HV
TW	166.05	4.92	HV-TW
HV	170.97	3.97	TW-HV
COM	174.94	2.65	HV-COM
HV	177.59	2.84	COM-HV
HV	180.43	1.74	HV-HV
COM	182.17	1.1	HV-COM
MC	183.27	0.56	COM-MC
CAR	183.83	0.9	MC-CAR
HV	184.73	4.66	CAR-HV
COM	189.39	4.31	HV-COM
CAR	193.7	2.04	COM-CAR
COM	195.74	5.01	CAR-COM
COM	200.75	2.51	COM-COM
COM	203.26	0.29	COM-COM
HV	203.55	1.93	COM-HV
COM	205.48	1.71	HV-COM
TW	207.19	5.91	COM-TW
CAR	213.1	1.88	TW-CAR
TW	214.98	0.73	CAR-TW
HV	215.71	0.91	TW-HV
TW	216.62	1.73	HV-TW
HV	218.35	0.98	TW-HV
COM	219.33	1.12	HV-COM
COM	220.45	3.22	COM-COM
CAR	223.67	4.7	COM-CAR
HV	228.37	0.72	CAR-HV
MC	229.09	0.86	HV-MC
COM	229.95	5.16	MC-COM
COM	235.11	1.98	COM-COM
COM	237.09	3.99	COM-COM
TW	241.08	2.84	COM-TW
HV	243.92	1.15	TW-HV
COM	245.07	1.7	HV-COM
TW	246.77	2.84	COM-TW
HV	249.61	2	TW-HV
HV	251.61	2.46	HV-HV
CAR	254.07	2.27	HV-CAR
CAR	256.34	0.87	CAR-CAR
CAR	257.21	3.84	CAR-CAR
CAR	261.05	2.79	CAR-CAR
CAR	263.84	0.94	CAR-CAR
CAR	264.78	0.47	CAR-CAR
TW	265.25	1.59	CAR-TW
CAR	266.84	1.38	TW-CAR
CAR	268.22	0.92	CAR-CAR
MC	269.14	0.59	CAR-MC
CAR	269.73	0.59	MC-CAR
TW	270.32	3.23	CAR-TW
CAR	273.55	0.94	TW-CAR
CAR	274.49	1.19	CAR-CAR
COM	275.68	0.63	CAR-COM
CAR	276.31	0.95	COM-CAR
MC	277.26	0.97	CAR-MC
CAR	278.23	1.15	MC-CAR
COM	279.38	6.7	CAR-COM
CAR	286.08	0.28	COM-CAR
MC	286.36	0.99	CAR-MC
HV	287.35	2.52	MC-HV
HV	289.87	2.7	HV-HV

CAR	540.47	1.82	CAR–CAR
TW	542.29	4.07	CAR–TW
TW	546.36	0.89	TW–TW
CAR	547.25	2.26	TW–CAR
COM	549.51	3.47	CAR–COM
HV	552.98	3.74	COM–HV
HV	556.72	3.92	HV–HV
HV	560.64	3.37	HV–HV
COM	564.01	6.45	HV–COM
COM	570.46	0.91	COM–COM
TW	571.37	2.63	COM–TW
TW	577.27	5.66	MC–TW
CAR	582.93	3.05	TW–CAR
MC	585.98	1.2	CAR–MC
MC	587.18	2.03	MC–MC
CAR	589.21	3.15	MC–CAR
CAR	592.36	6.55	CAR–CAR
TW	598.91	0.95	CAR–TW
COM	599.86	2.44	TW–COM
TW	602.3	1.61	COM–TW
MC	603.91	1.04	TW–MC
COM	604.95	5.02	MC–COM
MC	609.97	5.15	COM–MC
TW	615.12	0.7	MC–TW
TW	615.82	5	TW–TW
TW	620.82	3.92	TW–TW
HV	624.74	3.13	TW–HV
MC	627.87	5.15	HV–MC
CAR	633.02	2.44	MC–CAR
MC	635.46	1.23	CAR–MC
MC	639.29	6.99	CAR–TW
CAR	646.28	1.35	TW–CAR
MC	662.99	1.6	CAR–MC
MC	664.59	1.46	MC–MC
HV	666.05	3.12	MC–HV
COM	669.17	1.12	HV–COM
MC	670.29	3.65	COM–MC
TW	676.61	1.95	COM–TW
COM	675.09	1.52	TW–COM
TW	678.56	1.04	TW–TW
COM	679.6	0.49	TW–COM
MC	680.09	3.19	COM–MC
COM	683.28	3.07	MC–COM
CAR	686.35	2.82	COM–CAR
HV	689.17	1.88	CAR–HV
HV	691.05	0.21	HV–HV
COM	691.26	3.16	HV–COM
MC	694.42	1.69	COM–MC
COM	696.11	1.48	MC–COM
MC	697.59	1.17	COM–MC
TW	698.76	1.53	MC–TW
CAR	700.29	0.95	TW–CAR
HV	701.24	0.4	CAR–HV
MC	701.64	3.08	HV–MC
MC	704.72	3.51	MC–MC
CAR	708.23	0.8	MC–CAR
TW	709.03	1.85	CAR–TW
CAR	710.88	3.45	TW–CAR
MC	714.33	4.04	CAR–MC
TW	718.37	1.34	MC–TW
HV	719.71	7.58	TW–HV
TW	731.51	4.32	TW–TW
MC	733.83	0.36	TW–MC
MC	736.19	2.25	MC–MC
TW	738.44	6.3	MC–TW
HV	744.74	2.64	TW–HV
TW	747.38	3.7	HV–TW
COM	751.08	4.53	TW–COM
HV	755.61	4.07	COM–HV
MC	759.68	3.53	HV–MC
MC	763.21	2.46	MC–MC
CAR	765.67	2.94	MC–CAR
HV	768.61	1.11	CAR–HV
HV	769.72	4.24	HV–HV
HV	773.96	3.29	HV–HV
HV	777.25	3.53	HV–HV
COM	780.78	1.69	HV–COM
MC	782.47	2.6	COM–MC
CAR	785.07	2.96	MC–COM
CAR	788.03	4.81	COM–CAR
MC	792.84	1.4	CAR–MC
MC	794.24	1.02	MC–MC
MC	795.26	5.5	MC–MC
HV	799.03	2.09	HV–HV
HV	802.76	2.09	HV–HV
TW	802.85	6.25	HV–HV
HV	809.1	3.02	HV–TW
TW	812.12	3.7	TW–TW
HV	815.82	2.94	TW–HV
CAR	818.76	0.78	HV–CAR
CAR	819.54	1.43	CAR–CAR
MC	820.97	0.58	CAR–MC
CAR	821.55	1.49	MC–CAR
MC	823.04	1.84	CAR–MC
MC	824.88	3.69	MC–MC
CAR	828.57	0.9	MC–CAR
COM	829.47	6	CAR–COM
CAR	835.47	0.94	COM–CAR
CAR	836.41	2.81	CAR–CAR
MC	839.22	4.14	CAR–COM
MC	843.36	4.36	COM–MC
TW	847.72	1.77	MC–MC
TW	849.49	2.31	MC–TW
HV	851.8	3.31	TW–HV
CAR	855.11	1.16	HV–CAR
CAR	856.27	1.7	CAR–CAR
CAR	857.97	3.68	CAR–CAR
HV	861.65	3	CAR–HV
MC	864.65	2.38	HV–MC
HV	867.03	3.73	MC–HV
COM	870.76	1.72	HV–COM
MC	872.48	1.05	COM–MC
CAR	873.53	1.55	MC–CAR
CAR	875.08	1.14	CAR–CAR
HV	876.22	1.35	CAR–HV
HV	877.57	4.41	HV–MC
MC	881.98	2.05	MC–HV
MC	884.03	2.48	HV–MC
MC	886.51	2.45	MC–MC
HV	888.96	1.1	MC–HV
CAR	890.06	2.95	HV–CAR
TW	893.01	1.13	CAR–TW
CAR	894.14	3.06	TW–CAR
HV	897.2	4.92	CAR–HV
MC	902.12	1.43	HV–CAR
CAR	903.55	2.86	CAR–MC
MC	906.41	1.73	MC–COM
COM	908.14	1.07	COM–CAR
CAR	909.21	0.42	CAR–COM
HV	909.63	1.56	COM–HV
HV	911.19	2.73	HV–HV
CAR	913.92	4.98	HV–CAR
MC	918.9	1.89	CAR–MC
HV	920.79	1.21	MC–HV
TW	922	0.42	HV–TW
MC	922.42	1.75	TW–MC
CAR	924.17	5.38	MC–CAR
CAR	929.55	1.98	CAR–CAR
HV	931.53	0.25	CAR–HV
CAR	931.78	0.34	HV–CAR
TW	932.12	2.13	CAR–TW
TW	934.25	3.07	TW–TW
CAR	937.32	3.15	TW–CAR
CAR	940.47	1.82	CAR–CAR
TW	942.29	4.07	CAR–TW
TW	946.36	0.89	TW–TW
TW	947.25	2.76	TW–CAR
CAR	951.51	1.16	HV–CAR
HV	952.1	0.7	CAR–HV
MC	954.24	2.13	HV–MC
MC	956.03	1.99	MC–MC
CAR	958.21	1.97	MC–CAR
MC	960.29	2.08	CAR–MC
CAR	962.37	2.08	MC–CAR
HV	964.45	2.08	CAR–HV
MC	966.53	2.08	HV–MC
MC	968.61	2.08	MC–MC
MC	970.69	2.08	MC–MC
MC	972.77	2.08	MC–MC
MC	974.85	2.08	MC–MC
MC	976.93	2.08	MC–MC
MC	979.01	2.08	MC–MC
MC	981.09	2.08	MC–MC
MC	983.17	2.08	MC–MC
MC	985.25	2.08	MC–MC
MC	987.33	2.08	MC–MC
MC	989.41	2.08	MC–MC
MC	991.49	2.08	MC–MC
MC	993.57	2.08	MC–MC
MC	995.65	2.08	MC–MC
MC	997.73	2.08	MC–MC
MC	999.81	2.08	MC–MC
MC	1001.9	2.08	MC–MC
MC	1003.9	2.08	MC–MC
MC	1006	2.08	MC–MC
MC	1008	2.08	MC–MC
MC	1010	2.08	MC–MC
MC	1012	2.08	MC–MC
MC

COM	727.29	6.12	HV-COM
MC	733.41	2.82	COM-MC
COM	736.23	1.74	MC-COM
MC	737.97	1.36	COM-MC
CAR	739.33	4.06	MC-CAR
TW	743.39	1.99	CAR-TW
HV	745.38	3.84	TW-HV
COM	749.22	4.04	HV-COM
TW	753.26	0.9	COM-TW
TW	754.16	5.96	TW-TW
TW	760.12	4.06	TW-TW
HV	764.18	1.64	TW-HV
COM	765.82	2.51	HV-COM
TW	768.33	3.63	COM-TW
COM	771.96	0.83	TW-COM
COM	772.79	2.1	COM-COM
CAR	774.89	2.04	COM-CAR
COM	776.93	3.97	CAR-COM
CAR	780.9	4.85	COM-CAR
CAR	785.75	1.4	CAR-CAR
CAR	787.15	2.69	CAR-CAR
TW	789.84	0.96	CAR-TW
HV	790.8	2.87	TW-HV
HV	793.67	1.11	HV-HV
MC	794.78	2.02	HV-MC
CAR	796.8	2	MC-CAR
CAR	798.8	4.54	CAR-CAR
CAR	803.34	2.64	CAR-CAR
COM	805.98	1.13	CAR-COM
HV	807.11	1.23	COM-HV
COM	808.34	3.47	HV-COM
MC	811.81	2.05	COM-MC
TW	813.86	4.99	MC-TW
TW	818.85	0.92	TW-TW
TW	819.77	0.31	TW-TW
CAR	820.08	3.1	TW-CAR
MC	823.18	3.12	CAR-MC
TW	826.3	2.01	MC-TW
CAR	828.31	1.94	TW-CAR
HV	830.25	1.95	CAR-HV
TW	832.2	5.16	HV-TW
HV	837.36	1.97	TW-HV
HV	839.33	5.26	HV-HV
TW	844.59	3.6	HV-TW
CAR	848.19	2.94	TW-CAR
MC	851.13	4.92	CAR-MC
MC	856.05	1.45	MC-MC
CAR	857.5	4.53	MC-CAR
CAR	862.03	0.65	CAR-CAR
COM	862.68	2.04	CAR-COM
HV	864.72	0.43	COM-HV
HV	865.15	2.86	HV-HV
CAR	868.01	1.4	HV-CAR
HV	869.41	6.48	CAR-HV
COM	875.89	3.15	HV-COM
CAR	879.04	1.05	COM-CAR
HV	880.09	0.79	CAR-HV
CAR	880.88	4.48	HV-CAR
TW	885.36	0.45	CAR-TW
HV	885.81	1.97	TW-HV
MC	887.78		HV-MC

TW	595.69	1.01	CAR-TW
HV	596.7	4.03	TW-HV
HV	600.73	3.48	HV-HV
CAR	604.21	0.61	HV-CAR
CAR	604.82	0.14	CAR-CAR
COM	604.96	5.37	CAR-COM
CAR	610.33	1.09	COM-CAR
HV	611.42	3.84	CAR-HV
COM	615.26	0.56	HV-COM
TW	615.82	0.54	COM-TW
TW	616.36	3.11	TW-TW
CAR	619.47	3.61	TW-CAR
COM	623.08	1.16	CAR-COM
COM	624.24	1.62	COM-COM
MC	625.86	5.73	COM-MC
CAR	631.59	0.15	MC-CAR
HV	631.74	1.8	CAR-HV
MC	633.54	1.42	HV-MC
TW	634.96	0.58	MC-TW
TW	635.54	1.19	TW-TW
TW	636.73	1.61	TW-TW
MC	638.34	6.91	TW-MC
TW	645.25	2.58	MC-TW
COM	647.83	2.16	TW-COM
COM	649.99	1.75	COM-COM
HV	651.74	1.39	COM-HV
CAR	653.13	1.16	HV-CAR
TW	654.29	2.54	CAR-TW
TW	656.83	1.65	TW-TW
TW	658.48	1.59	TW-TW
COM	660.07	4.69	TW-COM
COM	664.76	1.91	COM-COM
MC	666.67	0.64	COM-MC
COM	667.31	3.32	MC-COM
TW	670.63	3.24	COM-TW
MC	673.87	6.65	TW-MC
MC	680.52	0.67	MC-MC
COM	681.19	4.24	MC-COM
HV	685.43	1.78	COM-HV
MC	687.21	4	HV-MC
HV	691.21	2.57	MC-HV
MC	693.78	2.55	HV-MC
MC	696.33	5.41	MC-MC
MC	701.74	1.29	MC-MC
COM	703.03	1.3	MC-COM
COM	704.33	2.52	COM-COM
HV	706.85	2.26	COM-HV
HV	709.11	1.77	HV-HV
COM	710.88	0.86	HV-COM
HV	711.74	1.78	COM-HV
HV	713.52	0.81	HV-HV
MC	714.33	2.47	HV-MC
HV	716.8	0.86	MC-HV
HV	717.66	1.26	HV-HV
HV	718.92	3.31	HV-HV
TW	722.23	2.4	HV-TW
COM	724.63	2.99	TW-COM
COM	727.62	1.5	COM-COM
MC	729.12	1.61	COM-MC
COM	730.73	2.55	MC-COM
CAR	733.28	0.65	COM-CAR
TW	733.93	3.11	CAR-TW
COM	737.04	2.58	TW-COM
MC	739.62	1.23	COM-MC
COM	740.85	2.09	MC-COM
CAR	742.94	0.87	COM-CAR
TW	743.81	2.77	CAR-TW
MC	746.58	4.88	TW-MC
MC	751.46	1.55	MC-MC
MC	753.01	1.66	MC-MC
MC	754.67	0.9	MC-MC
HV	755.57	2.45	MC-HV
MC	758.02	0.2	HV-MC
MC	758.22	1.15	MC-MC
HV	759.37	0.98	MC-HV
COM	760.35	6.68	HV-COM
COM	767.03	2.27	COM-COM
HV	769.3	1.36	COM-HV
CAR	770.66	1.12	HV-CAR
COM	771.78	3.59	CAR-COM
TW	775.37	1.38	COM-TW
COM	776.75	3.63	TW-COM
TW	780.38	8.54	COM-TW
CAR	788.92	0.37	TW-CAR
HV	789.29	2.59	CAR-HV
MC	791.88	1.92	HV-MC
MC	793.8	5.26	MC-MC
HV	799.06	1.22	MC-HV
MC	800.28	1.16	HV-MC
MC	801.44	0.64	MC-MC
MC	802.08	0.17	MC-MC
HV	802.25	1.31	MC-HV
MC	803.56	1.81	HV-MC
COM	805.37	1.61	MC-COM
CAR	806.98	4.06	COM-CAR
HV	811.04	3.54	CAR-HV
MC	814.58	3.8	HV-MC
COM	818.38	2.3	MC-COM
MC	820.68	0.87	COM-MC
MC	821.55	0.87	MC-MC
HV	822.42	1.56	MC-HV
MC	823.98	0.43	HV-MC
CAR	824.41	3.24	MC-CAR
MC	827.65	0.63	CAR-MC
MC	828.28	4.05	MC-MC
MC	832.33	2.9	MC-MC
MC	835.23	0.78	MC-MC
HV	836.01	3.73	MC-HV
MC	839.74	0.24	HV-MC
HV	839.98	4.29	MC-HV
MC	844.27	5.21	HV-MC
COM	849.48	0.93	MC-COM
COM	850.41	2.05	COM-COM
COM	852.46	3.52	COM-COM
HV	855.98	1.3	COM-HV
HV	857.28	2.9	HV-HV
TW	860.18	2.26	HV-TW
CAR	862.44	1.28	TW-CAR
COM	863.72	1.2	CAR-COM
CAR	864.92	4.59	COM-CAR
CAR	869.51	0.25	CAR-CAR
CAR	869.76	2.82	CAR-CAR
CAR	872.58	0.99	CAR-CAR
CAR	873.57	2.18	CAR-CAR
MC	875.75	0.54	CAR-MC
CAR	876.29	3.66	MC-CAR
CAR	879.95	7.36	CAR-CAR
HV	887.31		CAR-HV

MC	612.76	4.01	TW-MC
CAR	616.77	3.16	MC-CAR
MC	619.93	2.7	CAR-MC
TW	622.63	0.88	MC-TW
TW	623.51	0.95	TW-TW
HV	624.46	2.63	TW-HV
HV	627.09	1.94	HV-HV
TW	629.03	0.48	HV-TW
HV	629.51	1.69	TW-HV
TW	631.2	3.06	HV-TW
COM	634.26	2	TW-COM
HV	636.26	1.43	COM-HV
CAR	637.69	1.9	HV-CAR
TW	639.59	2.45	CAR-TW
MC	642.04	2.11	TW-MC
COM	644.15	1.13	MC-COM
CAR	645.28	2.74	COM-CAR
HV	648.02	1.35	CAR-HV
MC	649.37	1.22	HV-MC
HV	650.59	2.43	MC-HV
MC	653.02	3.21	HV-MC
CAR	656.23	0.61	MC-CAR
HV	656.84	2.47	CAR-HV
HV	659.31	1.43	HV-HV
TW	660.74	1.22	HV-TW
CAR	661.96	4.16	TW-CAR
CAR	666.12	0.84	CAR-CAR
COM	666.96	2.16	CAR-COM
COM	669.12	1.23	COM-COM
COM	670.35	2.02	COM-COM
TW	672.37	2.03	COM-TW
HV	674.4	2.89	TW-HV
TW	677.29	3.5	HV-TW
TW	680.79	2.03	TW-TW
TW	682.82	2.46	TW-TW
MC	685.28	4.74	TW-MC
TW	690.02	2.84	MC-TW
HV	692.86	1.01	TW-HV
HV	693.87	1.57	HV-HV
CAR	695.44	3.89	HV-CAR
HV	699.33	2.85	CAR-HV
TW	702.18	1.77	HV-TW
MC	703.95	3.77	TW-MC
MC	707.72	0.68	MC-MC
TW	708.4	1	MC-TW
MC	709.4	0.31	TW-MC
MC	709.71	3.74	MC-MC
HV	713.45	1.74	MC-HV
HV	715.19	1.5	HV-HV
CAR	716.69	1.58	HV-CAR
HV	718.27	1.47	CAR-HV
CAR	719.74	3.59	HV-CAR
COM	723.33	1.71	CAR-COM
TW	725.04	4.69	COM-TW
HV	729.73	1.64	TW-HV
MC	731.37	0.49	HV-MC
CAR	731.86	0.97	MC-CAR
CAR	732.83	1.06	CAR-CAR
CAR	733.89	0.96	CAR-CAR
MC	734.85	3.18	CAR-MC
CAR	738.03	2.07	MC-CAR
HV	740.1	0.73	CAR-HV
TW	740.83	3.27	HV-TW
MC	744.1	1.78	TW-MC
MC	745.88	0.68	MC-MC
COM	746.56	5.36	MC-COM
MC	751.92	3.32	COM-MC
CAR	755.24	2.7	MC-CAR
TW	757.94	3.28	CAR-TW
TW	761.22	0.8	TW-TW
TW	762.02	0.15	TW-TW
MC	762.17	1.43	TW-MC
CAR	763.6	0.64	MC-CAR
HV	764.24	0.86	CAR-HV
CAR	765.1	0.27	HV-CAR
TW	765.37	2.9	CAR-TW
HV	768.27	0.59	TW-HV
MC	768.86	0.71	HV-MC
MC	769.57	1.28	MC-MC
HV	770.85	1	MC-HV
COM	771.85	2.06	HV-COM
MC	773.91	4.2	COM-MC
CAR	778.11	1.03	MC-CAR
HV	779.14	1.67	CAR-HV
TW	780.81	1.02	HV-TW
MC	781.83	1.5	TW-MC
HV	783.33	2.37	MC-HV
HV	785.7	1.99	HV-HV
TW	787.69	2.97	HV-TW
COM	790.66	1.5	TW-COM
TW	792.16	4.14	COM-TW
HV	796.3	4.14	TW-HV
HV	800.44	1.37	HV-HV
CAR	801.81	0.18	HV-CAR
COM	801.99	0.53	CAR-COM
CAR	802.52	1.22	COM-CAR
COM	803.74	4.08	CAR-COM
MC	807.82	2.62	COM-MC
CAR	810.44	4.01	MC-CAR
MC	814.45	1.93	CAR-MC
MC	816.38	3.77	MC-MC
CAR	820.15	0.57	MC-CAR
CAR	820.72	5.65	CAR-CAR
HV	826.37	1.89	CAR-HV
TW	828.26	5.19	HV-TW
COM	833.45	0.75	TW-COM
TW	834.2	0.67	COM-TW
HV	834.87	3.62	TW-HV
COM	838.49	8.1	HV-COM
MC	846.59	5.2	COM-MC
HV	851.79	2.64	MC-HV
MC	854.43	0.84	HV-MC
HV	855.27	0.52	MC-HV
MC	855.79	0.19	HV-MC
HV	855.98	1.94	MC-HV
HV	857.92	0.3	HV-HV
CAR	858.22	2.18	HV-CAR
COM	860.4	0.96	CAR-COM
TW	861.36	0.21	COM-TW
MC	861.57	1.65	TW-MC
CAR	863.22	0.63	MC-CAR
CAR	863.85	3.68	CAR-CAR
MC	867.53	4.11	CAR-MC
TW	871.64	0.99	MC-TW
MC	872.63	0.2	TW-MC
MC	872.83	1.65	MC-MC
HV	874.48	3.05	MC-HV
CAR	877.53	1.71	HV-CAR
COM	879.24	2.85	CAR-COM
CAR	882.09	2.52	COM-CAR
HV	884.61	1.81	CAR-HV
TW	886.42	0.46	HV-TW
CAR	886.88	2.53	TW-CAR
COM	889.41		CAR-COM

ANNEX - 3 - Time Headway Data > 1200 Veh/hr Flow Range

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	72
To	Kandy	TW	102
Side	LHS	CAR	101
Lane	Inner	COM	75
Video name	5400	HV	90
Time started	1:45 PM	SUM	440
Time finished	2:00 PM		
Traffic count (15Min)	440	Veh	
Traffic flow rate	1760	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	3.23	
HV	3.23	2.29	COM-HV
MC	5.52	3.93	HV-MC
COM	9.45	1.45	MC-COM
TW	10.9	0.76	COM-TW
MC	11.66	0.74	TW-MC
HV	12.4	2.12	MC-HV
COM	14.52	0.35	HV-COM
MC	14.87	2.07	COM-MC
CAR	16.94	0.93	MC-CAR
TW	17.87	0.3	CAR-TW
TW	18.17	1.38	TW-TW
HV	19.55	0.34	TW-HV
TW	19.89	3.19	HV-TW
TW	23.08	0.66	TW-TW
TW	23.74	3.06	TW-TW
MC	26.8	2.59	TW-MC
CAR	29.39	0.77	MC-CAR
COM	30.16	0.68	CAR-COM
MC	30.84	1.68	COM-MC
MC	32.52	3.92	MC-MC
TW	36.44	3.94	MC-TW
TW	40.38	2.01	TW-TW
TW	42.39	0.87	TW-TW
CAR	43.26	2.54	TW-CAR
HV	45.8	0.77	CAR-HV
TW	46.57	1.84	HV-TW
TW	48.41	1.16	TW-TW
CAR	49.57	1.46	TW-CAR
TW	51.03	3.45	CAR-TW
CAR	54.48	1.21	TW-CAR
CAR	55.69	2.47	CAR-CAR
TW	58.16	1.46	CAR-TW
HV	59.62	2.68	TW-HV
HV	62.3	0.71	HV-HV
MC	63.01	0.95	HV-MC
TW	63.96	2.99	MC-TW
MC	66.95	2.69	TW-MC
MC	69.64	6.19	MC-MC
MC	75.83	3.43	MC-MC
MC	79.26	0.55	MC-MC
TW	79.81	1.19	MC-TW
HV	81	1.87	TW-HV
TW	82.87	2.04	HV-TW
COM	84.91	1.9	TW-COM
MC	86.81	5.57	COM-MC
HV	92.38	1.22	MC-HV
HV	93.6	3.42	HV-HV
CAR	97.02	0.91	HV-CAR
CAR	97.93	0.78	CAR-CAR
COM	98.71	1.34	CAR-COM
MC	100.05	3.42	COM-MC
CAR	103.47	1.54	MC-CAR
COM	105.01	0.46	CAR-COM
HV	105.47	2.61	COM-HV
COM	108.08	3.22	HV-COM
TW	111.3	0.47	COM-TW
MC	111.77	1.58	TW-MC
HV	113.35	0.98	MC-HV
HV	114.33	1.75	HV-HV
HV	116.08	1.31	HV-HV
COM	117.39	0.29	HV-COM
COM	117.68	1.24	COM-COM
CAR	118.92	1.62	COM-CAR
MC	120.54	6.6	CAR-MC
HV	127.14	1.47	MC-HV
CAR	128.61	2.16	HV-CAR
HV	130.77	0.81	CAR-HV
MC	131.58	1.91	HV-MC
HV	133.49	3.25	MC-HV
MC	136.74	6.76	HV-MC
CAR	143.5	2.34	MC-CAR
COM	145.84	2.65	CAR-COM
TW	148.49	1.02	COM-TW
COM	149.51	3.03	TW-COM
CAR	152.54	3.42	COM-CAR
TW	155.96	1.75	CAR-TW
HV	157.71	0.75	TW-HV
HV	158.46	2.79	HV-HV
TW	161.25	0.19	HV-TW
MC	161.44	0.78	TW-MC
HV	162.22	2.14	MC-HV
HV	164.36	4.33	HV-HV
HV	168.69	0.37	HV-HV
HV	169.06	3.49	HV-HV
TW	172.55	3.52	HV-TW
CAR	176.07	4.87	TW-CAR
CAR	180.94	4.31	CAR-CAR
COM	185.25	2.84	CAR-COM
HV	188.09	0.89	COM-HV
HV	188.98	0.95	HV-HV
MC	189.93	1.53	HV-MC
HV	191.46	1.94	MC-HV
CAR	193.4	1.11	HV-CAR
TW	194.51	1.19	CAR-TW
HV	195.7	1.35	TW-HV
COM	197.05	3.1	HV-COM
COM	200.15	0.6	COM-COM
COM	200.75	0.52	COM-COM
TW	201.27	2.12	COM-TW
CAR	203.39	2.26	TW-CAR
COM	205.65	2.96	CAR-COM
TW	208.61	0.8	COM-TW
MC	209.41	1.51	TW-MC
CAR	210.92	1.31	MC-CAR
TW	212.23	3.3	CAR-TW
COM	215.53	2.04	TW-COM
MC	217.57	1.44	COM-MC
CAR	219.01	0.51	MC-CAR
COM	219.52	1.61	CAR-COM
COM	221.13	2.1	COM-COM
TW	223.23	1.23	COM-TW
TW	224.46	0.98	TW-TW
COM	225.44	1.19	TW-COM
COM	226.63	2.07	COM-COM
CAR	228.7	1.67	COM-CAR
HV	230.37	0.23	CAR-HV
HV	230.6	5.82	HV-HV
TW	236.42	0.66	HV-TW
HV	237.08	1.25	TW-HV
TW	238.33	4	HV-TW
CAR	242.33	0.83	TW-CAR
CAR	243.16	0.45	CAR-CAR
HV	243.61	0.73	CAR-HV
MC	244.34	1.52	HV-MC
CAR	245.86	1.04	MC-CAR
TW	246.9	4.62	CAR-TW
COM	251.52	0.97	TW-COM
CAR	252.49	0.25	COM-CAR
HV	252.74	2.37	CAR-HV
CAR	255.11	0.51	HV-CAR
TW	255.62	0.9	CAR-TW
CAR	256.52	1.01	TW-CAR
COM	257.53	3.12	CAR-COM
COM	260.65	1.92	COM-COM
MC	262.57	3.11	COM-MC
CAR	265.68	0.61	MC-CAR
TW	266.29	1.39	CAR-TW

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	78
To	Kandy	TW	63
Side	LHS	CAR	82
Lane	Inner	COM	87
Video name	5850	HV	84
Time started	4:45 PM	SUM	394
Time finished	5:00 AM		
Traffic count (15Min)	394	Veh	
Traffic flow rate	1576	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	1.76	
COM	1.76	1.94	CAR-COM
MC	3.7	1.87	COM-MC
TW	5.57	0.82	MC-TW
CAR	6.39	1.59	TW-CAR
TW	7.98	1.95	CAR-TW
HV	9.93	1.26	TW-HV
CAR	11.19	2.02	HV-CAR
MC	13.21	1.46	CAR-MC
MC	14.67	3.12	MC-MC
COM	17.79	1.67	MC-COM
MC	19.46	0.8	COM-MC
HV	20.26	1.69	MC-HV
CAR	21.95	5.81	HV-CAR
MC	27.76	3.71	CAR-MC
COM	31.47	0.93	MC-COM
CAR	32.4	1.55	COM-CAR
CAR	33.95	2.2	CAR-CAR
CAR	36.15	2.4	CAR-CAR
CAR	38.55	0.73	CAR-CAR
COM	39.28	2.16	CAR-COM
HV	41.44	0.72	COM-HV
TW	42.16	2.14	HV-TW
COM	44.3	1.5	TW-COM
HV	45.8	3.73	COM-HV
MC	49.53	1.76	HV-MC
HV	51.29	3.13	MC-HV
HV	54.42	2.71	HV-HV
COM	57.13	1.76	HV-COM
COM	58.89	2.32	COM-COM
COM	61.21	0.64	COM-COM
MC	61.85	5.63	COM-MC
HV	67.48	3.76	MC-HV
COM	71.24	3.47	HV-COM
MC	74.71	1.59	COM-MC
CAR	76.3	1.23	MC-CAR
CAR	77.53	1.01	CAR-CAR
MC	78.54	3.23	CAR-MC
HV	81.77	3.55	MC-HV
COM	85.32	1.93	HV-COM
CAR	87.25	1.85	COM-CAR
HV	89.1	0.55	CAR-HV
COM	89.65	2.86	HV-COM
CAR	92.51	1.2	COM-CAR
HV	93.71	0.52	CAR-HV
COM	94.23	1.42	HV-COM
COM	95.65	3.5	COM-COM
CAR	99.15	0.62	COM-CAR
COM	99.77	0.89	CAR-COM
CAR	100.66	3.13	COM-CAR
MC	103.79	4.27	CAR-MC
TW	108.06	2.52	MC-TW
MC	110.58	4.62	TW-MC
CAR	115.2	2.86	MC-CAR
COM	118.06	1.48	CAR-COM
MC	119.54	2.35	COM-MC
MC	121.89	2.89	MC-MC
CAR	124.78	1.58	MC-CAR
MC	126.36	0.35	CAR-MC
TW	126.71	1.36	MC-TW
TW	128.07	2.33	TW-TW
TW	130.4	1.08	TW-TW
MC	131.48	1.27	TW-MC
COM	132.75	3.56	MC-COM
CAR	136.31	2.64	COM-CAR
CAR	138.95	2.44	CAR-CAR
COM	141.39	4.28	CAR-COM
MC	145.67	4.09	COM-MC
HV	149.76	4.01	MC-HV
COM	153.77	3.63	HV-COM
HV	157.4	2.03	COM-HV
TW	159.43	2.44	HV-TW
COM	161.87	0.92	TW-COM
CAR	162.79	1.73	COM-CAR
HV	164.52	2.63	CAR-HV
CAR	167.15	1.74	HV-CAR
MC	168.89	2.74	CAR-MC
COM	171.63	0.75	MC-COM
TW	172.38	1.13	COM-TW
HV	173.51	1.17	TW-HV
CAR	174.68	0.94	HV-CAR
HV	175.62	0.62	CAR-HV
MC	176.24	1.05	HV-MC
MC	177.29	6.81	MC-MC
HV	184.1	1.19	MC-HV
COM	185.29	4.84	HV-COM
TW	190.13	2.81	COM-TW
MC	192.94	0.21	TW-MC
CAR	193.15	0.55	MC-CAR
MC	193.7	2.12	CAR-MC
CAR	195.82	2.19	MC-CAR
COM	198.01	2.64	CAR-COM
CAR	200.65	5.45	COM-CAR
COM	206.1	3.28	CAR-COM
COM	209.38	2.18	COM-COM
HV	211.56	5.18	COM-HV
MC	216.74	1.18	HV-MC
COM	217.92	6.17	MC-COM
COM	224.09	1.59	COM-COM
MC	225.68	4.76	COM-MC
TW	230.44	2.29	MC-TW
TW	232.73	3.39	TW-TW
HV	236.12	0.93	TW-HV
HV	237.05	1.33	HV-HV
TW	238.38	8.12	HV-TW
HV	246.5	1.61	TW-HV
COM	248.11	1.45	HV-COM
HV	249.56	1.16	COM-HV
HV	250.72	0.57	HV-HV
MC	251.29	0.53	HV-MC
COM	251.82	0.44	MC-COM
MC	252.26	1.52	COM-MC
COM	253.78	1.95	MC-COM
MC	255.73	0.63	COM-MC
TW	256.36	3.54	MC-TW
CAR	259.9	4.65	TW-CAR
HV	264.55	6.77	CAR-HV
TW	271.32	2.94	HV-TW
COM	274.26	0.64	TW-COM
CAR	274.9	2.21	COM-CAR
COM	277.11	3.76	CAR-COM
COM	280.87	2	COM-COM
TW	282.87	0.91	COM-TW
TW	283.78	0.28	TW-TW
MC	284.06	0.65	TW-MC
CAR	284.71	2.56	MC-CAR
HV	287.27	0.88	CAR-HV
MC	288.15	1.41	HV-MC
HV	289.56	1.61	MC-HV
CAR	291.17	4.34	HV-CAR
TW	295.51	5.32	CAR-TW
TW	300.83	1.5	TW-TW
HV	302.33	1.42	TW-HV
CAR	303.75	0.73	HV-CAR
HV	304.48	3.33	CAR-HV
COM	307.81	3.12	HV-COM
MC	310.93	2.75	COM-MC
COM	313.68	1.98	MC-COM

Road Name	A1 - Road	Vehicle summary	
From	Colombo	MC	77
To	Kandy	TW	94
Side	LHS	CAR	97
Lane	Inner	COM	94
Video name	6300	HV	77
Time started	5:00 PM	SUM	439
Time finished	5:15 PM		
Traffic count (15Min)	439	Veh	
Traffic flow rate	1756	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	2.02	
COM	2.02	0.37	CAR-COM
COM	2.39	1.06	COM-COM
CAR	3.45	3.53	COM-CAR
MC	6.98	0.43	CAR-MC
HV	7.41	1.73	MC-HV
CAR	9.14	0.97	HV-CAR
TW	10.11	1.65	CAR-TW
MC	11.76	0.82	TW-MC
MC	12.58	2.21	MC-MC
COM	14.79	0.99	MC-COM
TW	15.78	1.39	COM-TW
MC	17.17	1.01	TW-MC
HV	18.18	3.98	MC-HV
HV	22.16	4.76	HV-HV
TW	26.92	0.89	HV-TW
HV	27.81	2.83	TW-HV
MC	30.64	0.97	HV-MC
MC	31.61	2.19	MC-MC
CAR	33.8	1.41	MC-CAR
HV	35.21	2.3	CAR-HV
CAR	37.51	5.7	HV-CAR
CAR	43.21	6.71	CAR-CAR
CAR	49.92	2.43	CAR-CAR
CAR	52.35	0.36	CAR-CAR
HV	52.71	5.57	CAR-HV
COM	58.28	3.06	HV-COM
COM	61.34	1.76	COM-COM
COM	63.1	3.48	COM-COM
HV	66.58	0.93	COM-HV
MC	67.51	3.25	HV-MC
HV	70.76	1.88	MC-HV
CAR	72.64	3.1	HV-CAR
MC	75.74	3.76	CAR-MC
CAR	79.5	2.61	MC-CAR
COM	82.11	0.56	CAR-COM
MC	82.67	0.33	COM-MC
CAR	83	0.94	MC-CAR
COM	83.94	1.33	CAR-COM
MC	85.27	1.03	COM-MC
TW	86.3	2.85	MC-TW
MC	89.15	1.86	TW-MC
TW	91.01	1.57	MC-TW
COM	92.58	1.86	TW-COM
COM	94.44	0.77	COM-COM
MC	95.21	0.96	COM-MC
CAR	96.17	0.72	MC-CAR
CAR	96.89	1.86	CAR-CAR
COM	98.75	1.08	CAR-COM
TW	99.83	0.9	COM-TW
CAR	100.73	3.39	TW-CAR
CAR	104.12	4.36	CAR-CAR
CAR	108.48	0.99	CAR-CAR
HV	109.47	6.74	CAR-HV
HV	116.21	1.85	HV-HV
HV	118.06	1.99	HV-HV
COM	120.05	3.56	HV-COM
CAR	123.61	1.94	COM-CAR
TW	125.55	0.38	CAR-TW
HV	125.93	2.24	TW-HV
TW	128.17	0.61	HV-TW
COM	128.78	1.2	TW-COM
TW	129.98	5.27	COM-TW
TW	135.25	0.15	TW-TW
COM	135.4	4.75	TW-COM
MC	140.15	4	COM-MC
HV	144.15	1.02	MC-HV
COM	145.17	0.32	HV-COM
COM	145.49	0.94	COM-COM
TW	146.43	1.54	COM-TW
HV	147.97	1.02	TW-HV
TW	148.99	1.43	HV-TW
TW	150.42	3.63	TW-TW
TW	154.05	3.59	TW-TW
TW	157.64	1.92	TW-TW
CAR	159.56	3.96	TW-CAR
HV	163.52	0.15	CAR-HV
CAR	163.67	2.34	HV-CAR
MC	166.01	1.81	CAR-MC
TW	167.82	1.28	MC-TW
HV	169.1	3.18	TW-HV
COM	172.28	0.37	HV-COM
MC	172.65	1.78	COM-MC
HV	174.43	2.27	MC-HV
TW	176.7	1.7	HV-TW
MC	178.4	2.27	TW-MC
COM	180.67	0.94	MC-COM
COM	181.61	0.39	COM-COM
COM	182	1.08	COM-COM
CAR	183.08	3.16	COM-CAR
CAR	186.24	1.13	CAR-CAR
COM	187.37	1.34	CAR-COM
TW	188.71	2.09	COM-TW
MC	190.8	1.34	TW-MC
CAR	192.14	1.51	MC-CAR
CAR	193.65	0.86	CAR-CAR
COM	194.51	2.83	CAR-COM
TW	197.34	6.39	COM-TW
COM	203.73	0.65	TW-COM
HV	204.38	1.15	COM-HV
HV	205.53	1.02	HV-HV
TW	206.55	3.97	HV-TW
HV	210.52	2.5	TW-HV
COM	213.02	2.75	HV-COM
MC	215.77	0.53	COM-MC
COM	216.3	2.16	MC-COM
COM	218.46	1.61	COM-COM
CAR	220.07	1.75	COM-CAR
CAR	221.82	3.2	CAR-CAR
COM	225.02	1.76	CAR-COM
HV	226.78	0.82	COM-HV
TW	227.6	2.18	HV-TW
CAR	229.78	4.02	TW-CAR
CAR	233.8	2.54	CAR-CAR
TW	236.34	2.58	CAR-TW
TW	238.92	4.07	TW-TW
MC	242.99	1.29	TW-MC
MC	244.28	2.42	MC-MC
CAR	246.7	0.18	MC-CAR
HV	246.88	1.95	CAR-HV
COM	248.83	3.47	HV-COM
HV	252.3	0.63	COM-HV
COM	252.93	0.59	HV-COM
CAR	253.52	1.89	COM-CAR
COM	255.41	4.26	CAR-COM
MC	259.67	0.48	COM-MC
CAR	260.15	2.1	MC-CAR
MC	262.25	1.48	CAR-MC
HV	263.73	1.84	MC-HV
TW	265.57	4.41	HV-TW
COM	269.98	1.59	TW-COM
CAR	271.57	2.43	COM-CAR
COM	274	6.29	CAR-COM
HV	280.29	0.97	COM-HV
CAR	281.26	2.26	HV-CAR
COM	283.52	5.1	CAR-COM
MC	288.62	5.61	COM-MC
TW	294.23	0.85	MC-TW

CAR	267.68	2.6	TW-CAR
COM	270.28	2.75	CAR-COM
HV	273.03	3.94	COM-HV
MC	276.97	2.39	HV-MC
CAR	279.36	2.88	MC-CAR
HV	282.24	7.89	CAR-HV
TW	290.13	0.91	HV-TW
COM	291.04	3.21	TW-COM
HV	294.25	1.24	COM-HV
TW	295.49	5.82	HV-TW
TW	301.31	0.39	TW-TW
MC	301.7	2.48	TW-MC
TW	304.18	2.07	MC-TW
CAR	306.25	2.69	TW-CAR
COM	308.94	1.99	CAR-COM
MC	310.93	2.33	COM-MC
TW	313.26	3.82	MC-TW
HV	317.08	0.51	TW-HV
HV	317.59	2.39	HV-HV
TW	319.98	0.49	HV-TW
TW	320.47	1.7	TW-TW
CAR	322.17	2.67	TW-CAR
MC	324.84	0.64	CAR-MC
CAR	325.48	2.54	MC-CAR
HV	328.02	1.08	CAR-HV
COM	329.1	2.68	HV-COM
MC	331.78	3.95	COM-MC
CAR	335.73	1.78	MC-CAR
HV	337.51	1.72	CAR-HV
MC	339.23	1.42	HV-MC
TW	340.65	2.1	MC-TW
CAR	342.75	1.84	TW-CAR
CAR	344.59	0.72	CAR-CAR
COM	345.31	1.73	CAR-COM
HV	347.04	0.74	COM-HV
HV	347.78	1.71	HV-HV
TW	349.49	1.11	HV-TW
TW	350.6	3	TW-TW
HV	353.6	0.51	TW-HV
CAR	354.11	2.15	HV-CAR
HV	356.26	1.02	CAR-HV
MC	357.28	2.36	HV-MC
CAR	359.64	4.13	MC-CAR
COM	363.77	1.79	CAR-COM
COM	365.56	1.38	COM-COM
MC	366.94	5.03	COM-MC
TW	371.97	2.43	MC-TW
MC	374.4	0.59	TW-MC
TW	374.99	2.33	MC-TW
HV	377.32	1.25	TW-HV
MC	378.57	9.35	HV-MC
TW	387.92	1.1	MC-TW
HV	389.02	7.13	TW-HV
HV	396.15	2.6	HV-HV
TW	398.75	4.29	HV-TW
CAR	403.04	0.95	TW-CAR
TW	403.99	1.08	CAR-TW
TW	405.07	1.49	TW-TW
COM	406.56	1.1	TW-COM
TW	407.66	2.6	COM-TW
CAR	410.26	5.07	TW-CAR
COM	415.33	2.33	CAR-COM
HV	417.66	1.59	COM-HV
TW	419.25	2.05	HV-TW
CAR	421.3	1.59	TW-CAR
CAR	422.89	1.82	CAR-CAR
CAR	424.71	2.65	CAR-CAR
CAR	427.36	2.97	CAR-CAR
COM	430.33	3.64	CAR-COM
TW	433.97	3.12	COM-TW
COM	437.09	0.43	TW-COM
COM	437.52	4.38	COM-COM
HV	441.9	4.03	COM-HV
HV	445.93	2.07	HV-HV
MC	448	0.55	HV-MC
COM	448.55	0.47	MC-COM
TW	449.02	1.14	COM-TW
COM	450.16	0.32	TW-COM
MC	450.48	2.23	COM-MC
CAR	452.71	1.8	MC-CAR
TW	454.51	0.57	CAR-TW
CAR	455.08	3.38	TW-CAR
COM	458.46	2.88	CAR-COM
CAR	461.34	1.35	COM-CAR
COM	462.69	2.88	CAR-COM
CAR	465.57	10.05	COM-CAR
CAR	475.62	0.76	CAR-CAR
MC	476.38	1.51	CAR-MC
TW	477.89	0.51	MC-TW
CAR	478.4	0.86	TW-CAR
HV	479.26	0.62	CAR-HV
CAR	479.88	2.49	HV-CAR
CAR	482.37	3.14	CAR-CAR
MC	485.51	2.76	CAR-MC
HV	488.27	2	MC-HV
HV	490.27	0.57	HV-HV
CAR	490.84	4.19	HV-CAR
MC	495.03	2.6	CAR-MC
COM	497.63	1.46	MC-COM
TW	499.09	1.96	COM-TW
COM	501.05	3.57	TW-COM
HV	504.62	0.7	COM-HV
HV	505.32	2.08	HV-HV
COM	507.4	1.65	HV-COM
TW	509.05	3.14	COM-TW
CAR	512.19	0.73	TW-CAR
COM	512.92	0.31	CAR-COM
COM	513.23	0.69	COM-COM
MC	513.92	0.84	COM-MC
CAR	514.76	2.95	MC-CAR
TW	517.71	3.29	CAR-TW
CAR	521	3.03	TW-CAR
HV	524.03	1.48	CAR-HV
HV	525.51	1.27	HV-HV
HV	526.78	1.21	HV-HV
TW	527.99	2.71	HV-TW
TW	530.7	1.31	TW-TW
TW	532.01	2.66	TW-TW
COM	534.67	0.64	TW-COM
HV	535.31	2.66	COM-HV
HV	537.97	5.06	HV-HV
CAR	543.03	1.59	HV-CAR
TW	544.62	1.67	CAR-TW
MC	546.29	2.94	TW-MC
TW	549.23	1.55	MC-TW
MC	550.78	1.93	TW-MC
COM	552.71	1.3	MC-COM
COM	554.01	0.87	COM-COM
HV	554.88	2.04	COM-HV
CAR	556.92	1.33	HV-CAR
TW	558.25	1.05	CAR-TW
TW	559.3	2.77	TW-TW
COM	562.07	0.53	TW-COM
TW	562.6	3.27	COM-TW
CAR	565.87	1.07	TW-CAR
MC	566.94	2.23	CAR-MC
CAR	569.17	1.16	MC-CAR
TW	570.33	2.69	CAR-TW
COM	573.02	1.25	TW-COM
TW	574.27	1.31	COM-TW
CAR	575.58	0.66	TW-CAR
MC	576.24	2.58	CAR-MC
CAR	578.82	0.78	MC-CAR
TW	579.6	1.31	CAR-TW
HV	580.91	1.61	TW-HV
HV	582.52	4.42	HV-HV
MC	586.94	3.37	HV-MC
CAR	590.31	1.55	MC-CAR
MC	591.86	2.19	CAR-MC
COM	594.05	1.18	MC-COM

MC	315.66	0.3	COM-MC
COM	315.96	1.74	MC-COM
TW	317.7	1.11	COM-TW
HV	318.81	2.52	TW-HV
CAR	321.33	3.62	HV-CAR
COM	324.95	0.62	CAR-COM
MC	325.57	3.02	COM-MC
COM	328.59	1.28	MC-COM
CAR	329.87	1.94	COM-CAR
CAR	331.81	1.26	CAR-CAR
MC	333.07	0.28	CAR-MC
TW	333.35	3.03	MC-TW
COM	336.38	1.73	TW-COM
TW	338.11	1.33	COM-TW
COM	339.44	2.92	TW-COM
HV	342.36	1.99	COM-HV
TW	344.35	0.26	HV-TW
CAR	344.61	1.09	TW-CAR
HV	345.7	5.54	CAR-HV
CAR	351.24	0.35	HV-CAR
COM	351.59	2.02	CAR-COM
HV	353.61	1.08	COM-HV
HV	354.69	0.48	HV-HV
TW	355.17	5.2	HV-TW
COM	360.37	0.92	TW-COM
MC	361.29	1.22	COM-MC
CAR	362.51	2.31	MC-CAR
TW	364.82	1.25	CAR-TW
COM	366.07	4.76	TW-COM
CAR	370.83	2.72	COM-CAR
HV	373.55	3.97	CAR-HV
MC	377.52	1.09	HV-MC
MC	378.61	6.19	MC-MC
COM	384.8	0.96	MC-COM
COM	385.76	0.68	COM-COM
MC	386.44	1.31	COM-MC
HV	387.75	1.59	MC-HV
COM	389.34	3.64	HV-COM
HV	392.98	2.41	COM-HV
COM	395.39	1.31	HV-COM
TW	396.7	0.51	COM-TW
CAR	397.21	0.56	TW-CAR
MC	397.77	0.33	CAR-MC
HV	398.1	3.34	MC-HV
CAR	401.44	2.25	HV-CAR
COM	403.69	1.71	CAR-COM
TW	405.4	0.71	COM-TW
MC	406.11	1.76	TW-MC
MC	407.87	6	MC-MC
MC	413.87	0.72	MC-MC
MC	414.59	1	MC-MC
TW	415.59	1.89	MC-TW
HV	417.48	2.07	TW-HV
HV	419.55	2.63	HV-HV
CAR	422.18	1.61	HV-CAR
TW	423.79	1.75	CAR-TW
HV	425.54	2.06	TW-HV
HV	427.6	1.53	HV-HV
COM	429.13	0.67	HV-COM
HV	429.8	1.36	COM-HV
TW	431.16	2.37	HV-TW
MC	433.53	3.55	TW-MC
CAR	437.08	0.37	MC-CAR
MC	437.45	7.86	CAR-MC
HV	445.31	1.51	MC-HV
HV	446.82	3.29	HV-HV
HV	450.11	2.37	HV-HV
HV	452.48	3.98	HV-HV
CAR	456.46	2.44	HV-CAR
CAR	458.9	1.16	CAR-CAR
HV	460.06	0.57	CAR-HV
MC	460.63	2.41	HV-MC
TW	463.04	0.88	MC-TW
TW	463.92	1.9	TW-TW
MC	465.82	2.04	TW-MC
TW	467.86	2.83	MC-TW
MC	470.69	2.36	TW-MC
COM	473.05	2.26	MC-COM
MC	475.31	2	COM-MC
MC	477.31	1.91	MC-MC
TW	479.22	1.16	MC-TW
COM	480.38	1.9	TW-COM
TW	482.28	0.41	COM-TW
TW	482.69	0.12	TW-TW
CAR	482.81	2.43	TW-CAR
MC	485.24	2.07	CAR-MC
CAR	487.31	1.59	MC-CAR
HV	488.9	2.55	CAR-HV
TW	491.45	0.87	HV-TW
COM	492.32	1.38	TW-COM
CAR	493.7	2.6	COM-CAR
CAR	496.3	4.04	CAR-CAR
COM	500.34	1.99	CAR-COM
COM	502.33	0.77	COM-COM
TW	503.1	1.72	COM-TW
HV	504.82	1.69	TW-HV
TW	506.51	1.8	HV-TW
COM	508.31	0.36	TW-COM
COM	508.67	3.06	COM-COM
MC	511.73	1.89	COM-MC
TW	513.62	1.72	MC-TW
HV	515.34	3.51	TW-HV
HV	518.85	2.65	HV-HV
HV	521.5	1.97	HV-HV
CAR	523.47	2.3	HV-CAR
CAR	525.77	4.37	CAR-CAR
COM	530.14	2.01	CAR-COM
MC	532.15	1.66	COM-MC
MC	533.81	2.59	MC-MC
TW	536.4	0.73	MC-TW
MC	537.13	3.27	TW-MC
MC	540.4	1.05	MC-MC
CAR	541.45	2.57	MC-CAR
MC	544.02	1.74	CAR-MC
TW	545.76	2.09	MC-TW
COM	547.85	0.34	TW-COM
HV	548.19	1.12	COM-HV
CAR	549.31	3.27	HV-CAR
COM	552.58	2.15	CAR-COM
HV	554.73	1.71	COM-HV
TW	556.44	3.04	HV-TW
CAR	559.48	0.35	TW-CAR
CAR	559.83	2.76	CAR-CAR
CAR	562.59	1.8	CAR-CAR
CAR	564.39	3.38	CAR-CAR
MC	567.77	6.62	CAR-MC
CAR	574.39	1.91	MC-CAR
TW	576.3	3.06	CAR-TW
COM	579.36	0.43	TW-COM
CAR	579.79	1.34	COM-CAR
CAR	581.13	3.6	CAR-CAR
TW	584.73	2.1	CAR-TW
HV	586.83	0.76	TW-HV
TW	587.59	1.51	HV-TW
COM	589.1	4.66	TW-COM
MC	593.76	1.98	COM-MC
HV	595.74	2.27	MC-HV
HV	598.01	3.51	HV-HV
MC	601.52	2.6	HV-MC
HV	604.12	1.12	MC-HV
CAR	605.24	1.53	HV-CAR
TW	606.77	2.13	CAR-TW
HV	608.9	2.62	TW-HV
COM	611.52	0.59	HV-COM
HV	612.11	2.48	COM-HV
MC	614.59	0.31	HV-MC
COM	614.9	3.45	MC-COM
CAR	618.35	7.74	COM-CAR
TW	626.09	1.16	CAR-TW
MC	627.25	3.4	TW-MC

COM	295.08	2.12	TW-COM
TW	297.2	1.51	COM-TW
HV	298.71	0.68	TW-HV
TW	299.39	2.65	HV-TW
TW	302.04	1.73	TW-TW
TW	303.77	0.91	TW-TW
CAR	304.68	3.14	TW-CAR
MC	307.82	1.84	CAR-MC
TW	309.66	0.58	MC-TW
MC	310.24	3.87	TW-MC
TW	314.11	0.38	MC-TW
TW	314.49	1.31	TW-TW
HV	315.8	1.6	TW-HV
COM	317.4	4.36	HV-COM
CAR	321.76	3.22	COM-CAR
COM	324.98	0.74	CAR-COM
COM	325.72	4.75	COM-COM
CAR	330.47	3.61	COM-CAR
CAR	334.08	0.29	CAR-CAR
HV	334.37	3.44	CAR-HV
CAR	337.81	2.32	HV-CAR
MC	340.13	0.16	CAR-MC
HV	340.29	2.81	MC-HV
COM	343.1	3.43	HV-COM
MC	346.53	2.86	COM-MC
TW	349.39	2.32	MC-TW
MC	351.71	5.88	TW-MC
COM	357.59	5.07	MC-COM
CAR	362.66	0.83	COM-CAR
CAR	363.49	0.34	CAR-CAR
CAR	363.83	6.29	CAR-CAR
HV	370.12	0.91	CAR-HV
TW	371.03	2.84	HV-TW
CAR	373.87	2.35	TW-CAR
CAR	376.22	1.34	CAR-CAR
CAR	377.56	2.23	CAR-CAR
COM	379.79	0.53	CAR-COM
TW	380.32	1.19	COM-TW
TW	381.51	3.19	TW-TW
TW	384.7	0.44	TW-TW
COM	385.14	3.16	TW-COM
COM	388.3	4.67	COM-COM
COM	392.97	0.45	COM-COM
TW	393.42	1.41	COM-TW
COM	394.83	3	TW-COM
COM	397.83	4.68	COM-COM
CAR	402.51	2.87	COM-CAR
HV	405.38	2.52	CAR-HV
COM	407.9	1.6	HV-COM
MC	409.5	2.91	COM-MC
CAR	412.41	2.12	MC-CAR
MC	414.53	1.74	CAR-MC
HV	416.27	0.75	MC-HV
MC	417.02	0.5	HV-MC
MC	417.52	0.63	MC-MC
COM	418.15	0.75	MC-COM
COM	418.9	1.88	COM-COM
TW	420.78	0.55	COM-TW
HV	421.33	1.47	TW-HV
TW	422.8	1.65	HV-TW
TW	424.45	1.76	TW-TW
COM	426.21	1.77	TW-COM
CAR	427.98	5.12	COM-CAR
CAR	433.1	0.75	CAR-CAR
TW	433.85	1.66	CAR-TW
HV	435.51	3.27	TW-HV
TW	438.78	5.01	HV-TW
COM	443.79	1.95	TW-COM
MC	445.74	1.65	COM-MC
CAR	447.39	4.33	MC-CAR
CAR	451.72	0.21	CAR-CAR
TW	451.93	2.98	CAR-TW
MC	454.91	0.69	TW-MC
HV	455.6	2.58	MC-HV
TW	458.18	1.44	HV-TW
COM	459.62	1.65	TW-COM
CAR	461.27	0.22	COM-CAR
CAR	461.49	4.43	CAR-CAR
TW	465.92	1.86	CAR-TW
COM	467.78	0.98	TW-COM
CAR	468.76	3.53	COM-CAR
CAR	472.29	0.7	CAR-CAR
CAR	472.99	1.39	CAR-CAR
CAR	474.38	0.99	CAR-CAR
TW	475.37	2.95	CAR-TW
TW	478.32	1.14	TW-TW
MC	479.46	0.6	TW-MC
CAR	480.06	2.68	MC-CAR
COM	482.74	2.91	CAR-COM
TW	485.65	2.37	COM-TW
COM	488.02	2.73	TW-COM
MC	490.75	1.56	COM-MC
TW	492.31	2.55	MC-TW
HV	494.86	4.19	TW-HV
CAR	499.05	1.7	HV-CAR
HV	500.75	3.59	CAR-HV
COM	504.34	2.41	HV-COM
TW	506.75	2.13	COM-TW
HV	508.88	1.25	TW-HV
MC	510.13	2.09	HV-MC
CAR	512.22	2.55	MC-CAR
CAR	514.77	1.86	CAR-CAR
TW	516.63	0.93	CAR-TW
MC	517.56	1.15	TW-MC
MC	518.71	3.4	MC-MC
HV	522.11	1.42	MC-HV
TW	523.53	5.46	HV-TW
TW	528.99	1.48	TW-TW
HV	530.47	4.4	TW-HV
TW	534.87	1.12	HV-TW
CAR	535.99	1.37	TW-CAR
MC	537.36	4	CAR-MC
TW	541.36	0.47	MC-TW
TW	541.83	1.86	TW-TW
HV	543.69	1.99	TW-HV
TW	545.68	6.27	HV-TW
COM	551.95	3.43	TW-COM
HV	555.38	1.72	COM-HV
COM	557.1	4.13	HV-COM
COM	561.23	5.17	COM-COM
TW	566.4	1.33	COM-TW
COM	567.73	0.2	TW-COM
CAR	567.93	0.85	COM-CAR
CAR	568.78	1.02	CAR-CAR
TW	569.8	0.91	CAR-TW
MC	570.71	1.57	TW-MC
MC	572.28	2.59	MC-MC
TW	574.87	0.84	MC-TW
TW	575.71	2.13	TW-TW
TW	577.84	2.23	TW-TW
COM	580.07	1.7	TW-COM
MC	581.77	0.46	COM-MC
TW	582.23	1.8	MC-TW
HV	584.03	3.93	TW-HV
MC	587.96	3.03	HV-MC
CAR	590.99	3.57	MC-CAR
COM	594.56	1.43	CAR-COM
CAR	595.99	2.01	COM-CAR
COM	598	1.19	CAR-COM
MC	599.19	1.07	COM-MC
CAR	600.26	2.25	MC-CAR
HV	602.51	0.62	CAR-HV
TW	603.13	0.79	HV-TW
TW	603.92	3.8	TW-TW
HV	607.72	0.7	TW-HV
CAR	608.42	0.72	HV-CAR
CAR	609.14	2.4	CAR-CAR
HV	611.54	1.81	CAR-HV
CAR	613.35	1.96	HV-CAR
TW	615.31	1.52	CAR-TW

COM	756.41	3.13	MC−COM
TW	759.54	0.71	COM−TW
COM	760.25	2.09	TW−COM
CAR	762.34	1.72	COM−CAR
MC	764.06	1.28	CAR−MC
HV	765.34	0.76	MC−HV
CAR	766.1	1.12	HV−CAR
CAR	767.22	0.65	CAR−CAR
TW	767.87	1.78	CAR−TW
COM	769.65	1.43	TW−COM
HV	771.08	2.84	COM−HV
CAR	773.92	7.96	HV−CAR
CAR	781.88	1.29	CAR−CAR
MC	783.17	1.94	CAR−MC
TW	785.11	0.82	MC−TW
CAR	785.93	2.63	TW−CAR
HV	788.56	0.83	CAR−HV
CAR	789.39	3.99	HV−CAR
HV	793.38	3.42	CAR−HV
TW	796.8	0.07	HV−TW
COM	796.87	3.38	TW−COM
TW	800.25	1.75	COM−TW
CAR	802	0.33	TW−CAR
CAR	802.33	0.71	CAR−CAR
HV	803.04	1.71	CAR−HV
MC	804.75	0.47	HV−MC
TW	805.22	1.76	MC−TW
TW	806.98	1.7	TW−TW
CAR	808.68	1.38	TW−CAR
MC	810.06	1.27	CAR−MC
MC	811.33	3.09	MC−MC
MC	814.42	0.48	MC−MC
TW	814.9	2.37	MC−TW
CAR	817.27	1.14	TW−CAR
CAR	818.41	1.89	CAR−CAR
TW	820.3	2.29	CAR−TW
MC	822.59	2.1	TW−MC
HV	824.69	2.65	MC−HV
MC	827.34	0.76	HV−MC
HV	828.1	1.38	MC−HV
MC	829.48	1.35	HV−MC
CAR	830.83	6.54	MC−CAR
COM	837.37	2.08	CAR−COM
CAR	839.45	2.67	COM−CAR
TW	842.12	2.13	CAR−TW
TW	844.25	1.73	TW−TW
CAR	845.98	1.31	TW−CAR
MC	847.29	5.54	CAR−MC
MC	852.83	2.65	MC−MC
MC	855.48	4.2	MC−MC
TW	859.68	2.11	MC−TW
CAR	861.79	1.86	TW−CAR
HV	863.65	3.54	CAR−HV
COM	867.19	0.56	HV−COM
HV	867.75	1.76	COM−HV
MC	869.51	2.35	HV−MC
COM	871.86	1.28	MC−COM
HV	873.14	2.52	COM−HV
TW	875.66	2.17	HV−TW
TW	877.83	1.75	TW−TW
CAR	879.58	4.24	TW−CAR
CAR	883.82	3.02	CAR−CAR
CAR	886.84	1.97	CAR−CAR
HV	888.81	4.68	CAR−HV
COM	893.49	2.15	HV−COM
COM	895.64	0.9	COM−COM
CAR	896.54	0.71	COM−CAR
TW	897.25	1.01	CAR−TW
MC	898.26	0.87	TW−MC
CAR	899.13	0.87	MC−CAR
CAR	900		CAR−CAR

MC	826.32	3.61	CAR−MC
HV	829.93	1.36	MC−HV
HV	831.29	0.23	HV−HV
CAR	831.52	3.84	HV−CAR
HV	835.36	8.9	CAR−HV
TW	844.26	3.62	HV−TW
CAR	847.88	0.31	TW−CAR
TW	848.19	0.84	CAR−TW
COM	849.03	1.05	TW−COM
MC	850.08	2.35	COM−MC
TW	852.43	1.98	MC−TW
MC	854.41	1.01	TW−MC
COM	855.42	0.65	MC−COM
HV	856.07	2.98	COM−HV
HV	859.05	0.83	HV−HV
HV	859.88	3.42	HV−HV
MC	863.3	0.81	HV−MC
HV	864.11	4.04	MC−HV
MC	868.15	0.85	HV−MC
HV	869	0.8	MC−HV
MC	869.8	3.7	HV−MC
COM	873.5	2.42	MC−COM
COM	875.92	3.73	COM−COM
COM	879.65	0.35	COM−COM
COM	880		COM−COM

CAR	775.25	1.99	TW−COM
COM	777.24	0.97	COM−COM
CAR	778.21	1.64	COM−CAR
CAR	779.85	0.29	CAR−CAR
MC	780.14	2.17	CAR−MC
CAR	782.31	1.85	MC−CAR
MC	784.16	1.1	CAR−MC
TW	785.26	1.26	MC−TW
MC	786.52	8.66	TW−MC
HV	795.18	0.85	MC−HV
COM	796.03	1.54	HV−COM
TW	797.57	1.37	COM−TW
MC	798.94	0.3	TW−MC
HV	799.24	1.59	MC−HV
HV	800.83	5.51	HV−HV
HV	806.34	1.79	HV−HV
MC	808.13	3.24	HV−MC
TW	811.37	2.67	MC−TW
HV	814.04	0.97	TW−HV
COM	815.01	0.73	HV−COM
MC	815.74	0.3	COM−MC
HV	816.04	2.97	MC−HV
TW	819.01	2.58	HV−TW
COM	821.59	1.19	TW−COM
COM	822.78	0.14	COM−COM
TW	822.92	0.97	COM−TW
COM	823.89	1.69	TW−COM
TW	825.58	1.98	COM−TW
HV	827.56	2.15	TW−HV
TW	829.71	4.16	HV−TW
CAR	833.87	1.82	TW−CAR
MC	835.69	1.16	CAR−MC
HV	836.85	0.75	MC−HV
CAR	837.6	0.49	HV−CAR
HV	838.09	1.22	CAR−HV
COM	839.31	2.81	HV−COM
HV	842.12	0.88	COM−HV
CAR	843	1.89	HV−CAR
COM	844.89	0.59	CAR−COM
COM	845.86	2.36	COM−COM
COM	845.48	0.38	COM−COM
HV	848.22	2.78	COM−CAR
TW	851	0.94	CAR−TW
COM	851.94	2.4	TW−COM
CAR	854.34	1.76	COM−CAR
CAR	855.6	1.76	CAR−CAR
COM	857.36	1.52	CAR−COM
COM	858.88	1.4	COM−COM
TW	860.28	0.63	COM−TW
COM	860.91	2.8	TW−COM
CAR	863.71	0.93	COM−CAR
HV	864.64	3.02	CAR−HV
CAR	867.66	0.06	HV−CAR
HV	867.72	0.97	CAR−HV
TW	868.69	2.75	HV−TW
CAR	871.44	1.97	TW−COM
CAR	873.41	1.44	COM−CAR
MC	874.85	4.77	CAR−MC
TW	879.62	1.11	MC−TW
MC	880.73	0.55	TW−MC
MC	881.28	1.51	MC−MC
TW	882.79	1.68	MC−TW
COM	884.47	1.02	TW−COM
HV	885.49	3.26	COM−HV
CAR	888.75	1.28	HV−CAR
CAR	890.03	2.16	CAR−CAR
MC	892.19	1.26	CAR−MC
TW	893.45	0.83	MC−TW
TW	894.28	1.78	TW−TW
CAR	896.06		TW−CAR

ANNEX - 3 - Time Headway Data > 1200 Veh/hr Flow Range

Road Name	Marine drive Road	Vehicle summary	
From	Dehiwala	MC	89
To	Kollupitiya	TW	70
Side	RHS	CAR	107
Lane	Inner	COM	97
Video name	6750	HV	79
Time started	7:45 AM	SUM	442
Time finished	8:00 AM		
Traffic count (15Min)	442	Veh	
Traffic flow rate	1768	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	1.41	
TW	1.41	5.51	CAR-TW
MC	6.92	1.43	TW-MC
TW	8.35	2.23	MC-TW
HV	10.58	2.96	TW-HV
COM	13.54	0.74	HV-COM
HV	14.28	2.85	COM-HV
CAR	17.13	1.85	HV-CAR
COM	18.98	1.79	CAR-COM
HV	20.77	2.17	COM-HV
CAR	22.94	1.17	HV-CAR
COM	24.11	0.66	CAR-COM
TW	24.77	0.72	COM-TW
MC	25.49	1.12	TW-MC
TW	26.61	1.35	MC-TW
MC	27.96	0.85	TW-MC
MC	28.81	1.82	MC-MC
CAR	30.63	0.62	MC-CAR
CAR	31.25	2.79	CAR-CAR
MC	34.04	9.35	CAR-MC
COM	43.39	2.03	MC-COM
CAR	45.42	1.96	COM-CAR
HV	47.38	1.64	CAR-HV
HV	49.02	2.16	HV-HV
MC	51.18	1.11	HV-MC
MC	52.29	0.66	MC-MC
HV	52.95	1.91	MC-HV
MC	54.86	1.36	HV-MC
CAR	56.22	0.85	MC-CAR
CAR	57.07	4.82	CAR-CAR
HV	61.89	2.77	CAR-HV
MC	64.66	2.33	HV-MC
MC	66.99	1.32	MC-MC
COM	68.31	1.99	MC-COM
TW	70.3	0.96	COM-TW
MC	71.26	2.16	TW-MC
CAR	73.42	2.96	MC-CAR
MC	76.38	3.2	CAR-MC
TW	79.58	3.4	MC-TW
MC	82.98	0.52	TW-MC
MC	83.5	2.84	MC-MC
CAR	86.34	3.55	MC-CAR
HV	89.89	3.65	CAR-HV
CAR	93.54	1.9	HV-CAR
CAR	95.44	1.03	CAR-CAR
MC	96.47	0.71	CAR-MC
MC	97.18	2.3	MC-MC
TW	99.48	3.19	MC-TW
CAR	102.67	2.13	TW-CAR
COM	104.8	1.63	CAR-COM
HV	106.43	4.71	COM-HV
MC	111.14	0.2	HV-MC
MC	111.34	1.11	MC-MC
CAR	112.45	0.8	MC-CAR
TW	113.25	1.01	CAR-TW
CAR	114.26	0.16	TW-CAR
COM	114.42	0.53	CAR-COM
COM	114.95	1.45	COM-COM
TW	116.4	1.28	COM-TW
MC	117.68	3.17	TW-MC
CAR	120.85	1.73	MC-CAR
TW	122.58	0.26	CAR-TW
HV	122.84	0.8	TW-HV
HV	123.64	4.67	HV-HV
HV	128.31	3.16	HV-HV
COM	131.47	1.94	HV-COM
TW	133.41	0.68	COM-TW
CAR	134.09	2.05	TW-CAR
MC	136.14	1.77	CAR-MC
COM	137.91	0.36	MC-COM
CAR	138.27	2.02	COM-CAR
HV	140.29	5.88	CAR-HV
TW	146.17	1.08	HV-TW
CAR	147.25	1.26	TW-CAR
CAR	148.51	0.81	CAR-CAR
COM	149.32	1.07	CAR-COM
TW	150.39	2.62	COM-TW
HV	153.01	1.7	TW-HV
CAR	154.71	2.96	HV-CAR
HV	157.67	0.92	CAR-HV
MC	158.59	3.67	HV-MC
MC	162.26	0.96	MC-MC
HV	163.22	1.56	MC-HV
MC	164.78	1.59	HV-MC
CAR	166.37	0.42	MC-CAR
COM	166.79	2.93	CAR-COM
COM	169.72	0.8	COM-COM
HV	170.52	1.78	COM-HV
MC	172.3	1.44	HV-MC
CAR	173.74	3.54	MC-CAR
HV	177.28	1.45	CAR-HV
MC	178.73	2.04	HV-MC
TW	180.77	0.57	MC-TW
HV	181.34	3.41	TW-HV
COM	184.75	1.1	HV-COM
MC	185.85	4.09	COM-MC
COM	189.94	1.29	MC-COM
COM	191.23	1.08	COM-COM
CAR	192.31	2.13	COM-CAR
CAR	194.44	1.33	CAR-CAR
COM	195.77	0.79	CAR-COM
CAR	196.56	0.63	COM-CAR
COM	197.19	1.25	CAR-COM
MC	198.44	1.26	COM-MC
CAR	199.7	1.88	MC-CAR
CAR	201.58	1.23	CAR-CAR
TW	202.81	2.05	CAR-TW
CAR	204.86	1.47	TW-CAR
CAR	206.33	1.31	CAR-CAR
HV	207.64	2.22	CAR-HV
CAR	209.86	3.59	HV-CAR
HV	213.45	2.39	CAR-HV
CAR	215.84	0.98	HV-CAR
COM	216.82	0.8	CAR-COM
MC	217.62	1.29	COM-MC
CAR	218.91	1.32	MC-CAR
CAR	220.23	3.4	CAR-CAR
MC	223.63	0.57	CAR-MC
CAR	224.2	0.98	MC-CAR
COM	225.18	1.43	CAR-COM
HV	226.61	3.4	COM-HV
HV	230.01	5.16	HV-HV
TW	235.17	2.81	HV-TW
COM	237.98	3.74	TW-COM
CAR	241.72	0.61	COM-CAR
MC	242.33	3.41	CAR-MC
TW	245.74	0.85	MC-TW
CAR	246.59	0.36	TW-CAR
CAR	246.95	2.17	CAR-CAR
TW	249.12	1.86	CAR-TW
COM	250.98	1.24	TW-COM
CAR	252.22	3.65	COM-CAR
HV	255.87	4.05	CAR-HV
CAR	259.92	3.5	HV-CAR
MC	263.42	2.28	CAR-MC
TW	265.7	1.02	MC-TW
MC	266.72	0.72	TW-MC
MC	267.44	1.41	MC-MC

Road Name	Marine drive Road	Vehicle summary	
From	Dehiwala	MC	64
To	Kollupitiya	TW	64
Side	RHS	CAR	60
Lane	Inner	COM	63
Video name	7200	HV	66
Time started	8:00 AM	SUM	317
Time finished	8:15 AM		
Traffic count (15Min)	317	Veh	
Traffic flow rate	1268	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	1.76	
TW	1.76	5.35	COM-TW
MC	7.11	1.05	TW-MC
COM	8.16	1.26	MC-COM
CAR	9.42	2.05	COM-CAR
HV	11.47	1.41	CAR-HV
COM	12.88	7.24	HV-COM
COM	20.12	3.31	COM-COM
TW	23.43	1.95	COM-TW
COM	25.38	1	TW-COM
CAR	26.38	3.32	COM-CAR
TW	29.7	1.19	CAR-TW
HV	30.89	1.73	TW-HV
COM	32.62	2.76	HV-COM
HV	35.38	1.74	COM-HV
CAR	37.12	2.4	HV-CAR
TW	39.52	3.15	CAR-TW
TW	42.67	3.6	TW-TW
CAR	46.27	8.34	TW-CAR
MC	54.61	3.03	CAR-MC
CAR	57.64	0.92	MC-CAR
MC	58.56	2.6	CAR-MC
HV	61.16	2.88	MC-HV
MC	64.04	1.39	HV-MC
MC	65.43	3.51	MC-MC
HV	68.94	2.57	MC-HV
TW	71.51	2.16	HV-TW
COM	73.67	1.2	TW-COM
MC	74.87	1.3	COM-MC
COM	76.17	1.57	MC-COM
MC	77.74	3.58	COM-MC
COM	81.32	3.43	MC-COM
COM	84.75	1.17	COM-COM
TW	85.92	6.79	COM-TW
TW	92.71	1.82	TW-TW
MC	94.53	1.41	TW-MC
CAR	95.94	4.02	MC-CAR
TW	99.96	5.8	CAR-TW
COM	105.76	1.65	TW-COM
CAR	107.41	3.71	COM-CAR
TW	111.12	1.52	CAR-TW
CAR	112.64	6.49	TW-CAR
MC	119.13	1.35	CAR-MC
MC	120.48	1.27	MC-MC
TW	121.75	3.56	MC-TW
TW	125.31	2.36	TW-TW
CAR	127.67	2.6	TW-CAR
HV	130.27	1.45	CAR-HV
MC	131.72	4.66	HV-MC
TW	136.38	1.97	MC-TW
MC	138.35	1.33	TW-MC
MC	139.68	3.05	MC-MC
TW	142.73	5.79	MC-TW
TW	148.52	1.15	TW-TW
COM	149.67	4.11	TW-COM
CAR	153.78	0.31	COM-CAR
COM	154.09	1.31	CAR-COM
COM	155.4	1.9	COM-COM
TW	157.3	3.95	COM-TW
TW	161.25	1.9	TW-TW
COM	163.15	0.38	TW-COM
CAR	163.53	4.59	COM-CAR
TW	168.12	4.78	CAR-TW
HV	172.9	4.83	TW-HV
TW	177.73	1.19	HV-TW
TW	178.92	2.22	TW-TW
COM	181.14	8.73	TW-COM
COM	189.87	1.13	COM-COM
TW	191	0.96	COM-TW
CAR	191.96	2.86	TW-CAR
HV	194.82	1.21	CAR-HV
MC	196.03	1.72	HV-MC
MC	197.75	2.97	MC-MC
TW	200.72	3.57	MC-TW
COM	204.29	2.06	TW-COM
HV	206.35	1.46	COM-HV
COM	207.81	1.17	HV-COM
TW	208.98	7.5	COM-TW
CAR	216.48	2.35	TW-CAR
MC	218.83	1.01	CAR-MC
COM	219.84	1.81	MC-COM
COM	221.65	6.48	COM-COM
COM	228.13	2.45	COM-COM
MC	230.58	3.43	COM-MC
MC	234.01	5.94	MC-MC
MC	239.95	0.56	MC-MC
CAR	240.51	0.81	MC-CAR
COM	241.32	1.72	CAR-COM
HV	243.04	1.95	COM-HV
HV	244.99	1.34	HV-HV
MC	246.33	1.97	HV-MC
MC	248.3	8.4	MC-MC
HV	256.7	4.86	MC-HV
HV	261.56	1.67	HV-HV
TW	263.23	0.64	HV-TW
HV	263.87	2.78	TW-HV
COM	266.65	3.83	HV-COM
TW	270.48	0.59	COM-TW
HV	271.07	1.61	TW-HV
TW	272.68	4.35	HV-TW
HV	277.03	1.12	TW-HV
CAR	278.15	3.43	HV-CAR
MC	281.58	1.3	CAR-MC
COM	282.88	4.68	MC-COM
HV	287.56	0.98	COM-HV
TW	288.54	1.8	HV-TW
MC	290.34	8.42	TW-MC
HV	298.76	2.25	MC-HV
MC	301.01	1.59	HV-MC
CAR	302.6	2.21	MC-CAR
MC	304.81	1.62	CAR-MC
COM	306.43	2.79	MC-COM
COM	309.22	3.73	COM-COM
HV	312.95	4.86	COM-HV
CAR	317.81	2.72	HV-CAR
CAR	320.53	2.95	CAR-CAR
CAR	323.48	0.82	CAR-CAR
COM	324.3	1.84	CAR-COM
CAR	326.14	1.93	COM-CAR
CAR	328.07	1.62	CAR-CAR
HV	329.69	7.27	CAR-HV
COM	336.96	3.25	HV-COM
HV	340.21	2.44	COM-HV
CAR	342.65	2.69	HV-CAR
MC	345.34	1.16	CAR-MC
HV	346.5	1.7	MC-HV
HV	348.2	2.93	HV-HV
HV	351.13	1.88	HV-HV
TW	353.01	3.32	HV-TW
MC	356.33	0.63	TW-MC
HV	356.96	3.38	MC-HV
CAR	360.34	3.29	HV-CAR
HV	363.63	3.55	CAR-HV
HV	367.18	1.46	HV-HV
TW	368.64	5.4	HV-TW
MC	374.04	4.2	TW-MC
CAR	378.24	3.85	MC-CAR
MC	382.09	5.02	CAR-MC

Road Name	Marine drive Road	Vehicle summary	
From	Dehiwala	MC	79
To	Kollupitiya	TW	78
Side	RHS	CAR	65
Lane	Inner	COM	78
Video name	7650	HV	87
Time started	8:15 AM	SUM	387
Time finished	8:30 AM		
Traffic count (15Min)	387	Veh	
Traffic flow rate	1548	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
TW	0	0.97	
CAR	0.97	1.85	TW-CAR
COM	2.82	2.22	CAR-COM
CAR	5.04	2.93	COM-CAR
HV	7.97	1.79	CAR-HV
TW	9.76	3.5	HV-TW
CAR	13.26	4.43	TW-CAR
MC	17.69	0.88	CAR-MC
COM	18.57	4.23	MC-COM
TW	22.8	3.38	COM-TW
MC	26.18	0.99	TW-MC
HV	27.17	3.31	MC-HV
TW	30.48	0.57	HV-TW
MC	31.05	1.56	TW-MC
CAR	32.61	2.74	MC-CAR
CAR	35.35	1.88	CAR-CAR
CAR	37.23	2.73	CAR-CAR
COM	39.96	3.22	CAR-COM
CAR	43.18	0.78	COM-CAR
CAR	43.96	2.77	CAR-CAR
HV	46.73	0.93	CAR-HV
COM	47.66	4.01	HV-COM
MC	51.67	4.01	COM-MC
MC	55.68	4.51	MC-MC
COM	60.19	3.64	MC-COM
HV	63.83	0.29	COM-HV
COM	64.12	5.62	HV-COM
HV	69.74	2.62	COM-HV
MC	72.36	5.94	HV-MC
HV	78.3	7.15	MC-HV
MC	85.45	2.7	HV-MC
TW	88.15	1.39	MC-TW
COM	89.54	3.92	TW-COM
MC	93.46	4.49	COM-MC
HV	97.95	1.17	MC-HV
HV	99.12	3.34	HV-HV
CAR	102.46	2.11	HV-CAR
CAR	104.57	0.11	CAR-CAR
TW	104.68	1.62	CAR-TW
HV	106.3	1.35	TW-HV
TW	107.65	1.23	HV-TW
HV	108.88	1.84	TW-HV
MC	110.72	2.69	HV-MC
MC	113.41	2.42	MC-MC
TW	115.83	1.33	MC-TW
HV	117.16	3.46	TW-HV
COM	120.62	0.3	HV-COM
MC	120.92	1.52	COM-MC
MC	122.44	2.29	MC-MC
CAR	124.73	1.65	MC-CAR
TW	126.38	4.29	CAR-TW
TW	130.67	4.45	TW-TW
HV	135.12	2.6	TW-HV
TW	137.72	3.5	HV-TW
MC	141.22	0.14	TW-MC
COM	141.36	1.67	MC-COM
CAR	143.03	1.6	COM-CAR
COM	144.63	0.68	CAR-COM
COM	145.31	1.97	COM-COM
CAR	147.28	2.29	COM-CAR
HV	149.57	1.3	CAR-HV
COM	150.87	1.52	HV-COM
MC	152.39	1.58	COM-MC
HV	153.97	5.35	MC-HV
TW	159.32	0.59	HV-TW
COM	159.91	1.9	TW-COM
MC	161.81	2.37	COM-MC
TW	164.18	0.43	MC-TW
MC	164.61	1.31	TW-MC
CAR	165.92	1.51	MC-CAR
HV	167.43	1.4	CAR-HV
MC	168.83	1.86	HV-MC
COM	170.69	1.25	MC-COM
MC	171.94	4.17	COM-MC
HV	176.11	2.17	MC-HV
HV	178.28	0.93	HV-HV
COM	179.21	0.36	HV-COM
TW	179.57	2.14	COM-TW
MC	181.71	4.17	TW-MC
HV	185.88	2.53	MC-HV
HV	188.41	1.76	HV-HV
CAR	190.17	2.15	HV-CAR
COM	192.32	0.63	CAR-COM
MC	192.95	0.78	COM-MC
COM	193.73	0.64	MC-COM
CAR	194.37	3.46	COM-CAR
CAR	197.83	0.62	CAR-CAR
CAR	198.45	5.16	CAR-CAR
HV	203.61	5.35	CAR-HV
HV	208.96	0.28	HV-HV
CAR	209.24	2.72	HV-CAR
COM	211.96	8.76	CAR-COM
MC	220.72	2.06	COM-MC
HV	222.78	0.9	MC-HV
HV	223.68	4.98	HV-HV
CAR	228.66	0.96	HV-CAR
COM	229.62	4.01	CAR-COM
HV	233.63	0.67	COM-HV
CAR	234.3	1	HV-CAR
MC	235.3	2.36	CAR-MC
MC	237.66	2.31	MC-MC
TW	239.97	1.85	MC-TW
TW	241.82	6.28	TW-TW
TW	248.1	0.25	TW-TW
COM	248.35	0.34	TW-COM
TW	248.69	2.37	COM-TW
TW	251.06	0.64	TW-TW
TW	251.7	1.76	TW-TW
TW	253.46	2.38	TW-TW
COM	255.84	0.95	TW-COM
HV	256.79	0.41	COM-HV
COM	257.2	2.49	HV-COM
HV	259.69	1.51	COM-HV
MC	261.2	5.71	HV-MC
TW	266.91	3.75	MC-TW
COM	270.66	3.47	TW-COM
TW	274.13	3.85	COM-TW
MC	277.98	0.17	TW-MC
COM	278.15	2.81	MC-COM
CAR	280.96	3.41	COM-CAR
TW	284.37	1.76	CAR-TW
TW	286.13	1.64	TW-TW
HV	287.77	0.02	TW-HV
COM	287.79	2.67	HV-COM
COM	290.46	2.58	COM-COM
TW	293.04	2.08	COM-TW
CAR	295.12	3.56	TW-CAR
HV	298.68	1.2	CAR-HV
MC	299.88	4.84	HV-MC
MC	304.72	1.31	MC-MC
CAR	306.03	4.15	MC-CAR
TW	310.18	1.34	CAR-TW
COM	311.52	1.9	TW-COM
COM	313.42	2.01	COM-COM
MC	315.43	5.31	COM-MC
CAR	320.74	1.55	MC-CAR
HV	322.29	1.86	CAR-HV
COM	324.15	3.36	HV-COM

COM	268.85	0.24	MC-COM
COM	269.09	3.14	COM-COM
MC	272.23	3.29	COM-MC
CAR	275.52	0.08	MC-CAR
COM	275.6	2.04	CAR-COM
COM	277.64	1.01	COM-COM
CAR	278.65	2.91	COM-CAR
CAR	281.56	0.35	CAR-CAR
HV	281.91	1.71	CAR-HV
MC	283.62	1.83	HV-MC
CAR	285.45	0.33	MC-CAR
COM	285.78	1.68	CAR-COM
COM	287.46	1.54	COM-COM
COM	289	5.26	COM-COM
CAR	294.26	0.28	COM-CAR
CAR	294.54	0.8	CAR-CAR
TW	295.34	1.1	CAR-TW
MC	296.44	0.5	TW-MC
CAR	296.94	0.74	MC-CAR
CAR	297.68	4.11	CAR-CAR
HV	301.79	1.57	CAR-HV
TW	303.36	0.64	HV-TW
HV	304	1.33	TW-HV
CAR	305.33	1.65	HV-CAR
COM	306.98	1.15	CAR-COM
MC	308.13	2.5	COM-MC
MC	310.63	2.82	MC-MC
COM	313.45	2.01	MC-COM
HV	315.46	1.85	COM-HV
MC	317.31	3.53	HV-MC
COM	320.84	1.38	MC-COM
HV	322.22	1.66	COM-HV
HV	323.88	0.26	HV-HV
COM	324.14	0.94	HV-COM
TW	325.08	0.43	COM-TW
COM	325.51	2.08	TW-COM
HV	327.59	0.88	COM-HV
COM	328.47	2.68	HV-COM
CAR	331.15	3.05	COM-CAR
TW	334.2	1.86	CAR-TW
COM	336.06	1.44	TW-COM
CAR	337.5	1.22	COM-CAR
CAR	338.72	1	CAR-CAR
TW	339.72	4.23	CAR-TW
COM	343.95	2.58	TW-COM
MC	346.53	3.06	COM-MC
MC	349.59	1.78	MC-MC
HV	351.37	1.4	MC-HV
MC	352.77	3.67	HV-MC
TW	356.44	2.44	MC-TW
COM	358.88	2.16	TW-COM
HV	361.04	0.61	COM-HV
MC	361.65	2.11	HV-MC
CAR	363.76	1.42	MC-CAR
HV	365.18	6.06	CAR-HV
COM	371.24	1.08	HV-COM
COM	372.32	0.57	COM-COM
MC	372.89	1.14	COM-MC
HV	374.03	0.45	MC-HV
MC	374.48	1.74	HV-MC
HV	376.22	0.95	MC-HV
TW	377.17	1.97	HV-TW
TW	379.14	1.11	TW-TW
MC	380.25	1.16	TW-MC
HV	381.41	2.38	MC-HV
TW	383.79	2.36	HV-TW
CAR	386.15	1.02	TW-CAR
CAR	387.17	0.81	CAR-CAR
MC	387.98	0.92	CAR-MC
CAR	388.9	0.16	MC-CAR
CAR	389.06	5.83	CAR-CAR
HV	394.89	2.62	CAR-HV
CAR	397.51	4.52	HV-CAR
HV	402.03	0.25	CAR-HV
COM	402.28	2.56	HV-COM
CAR	404.84	2.07	COM-CAR
COM	406.91	1.25	CAR-COM
COM	408.16	0.07	COM-COM
COM	408.23	2.74	COM-COM
MC	410.97	2.43	COM-MC
CAR	413.4	0.12	MC-CAR
COM	413.52	1.58	CAR-COM
COM	415.1	4.15	COM-COM
TW	419.25	3.76	COM-TW
MC	423.01	1.63	TW-MC
HV	424.64	2.81	MC-HV
CAR	427.45	0.25	HV-CAR
HV	427.7	0.21	CAR-HV
TW	427.91	1.74	HV-TW
MC	429.65	0.92	TW-MC
COM	430.57	0.59	MC-COM
HV	431.16	1.8	COM-HV
MC	432.96	1.87	HV-MC
HV	434.83	1.03	MC-HV
COM	435.86	4.56	HV-COM
CAR	440.42	1.94	COM-CAR
MC	442.36	1.98	CAR-MC
CAR	444.34	1.21	MC-CAR
CAR	445.55	1.59	CAR-CAR
HV	447.14	3.45	CAR-HV
COM	450.59	4.41	HV-COM
COM	455	3.61	COM-COM
COM	458.61	5.23	COM-COM
COM	463.84	1.96	COM-COM
CAR	465.8	0.95	COM-CAR
CAR	466.75	2.59	CAR-CAR
MC	469.34	2.28	CAR-MC
COM	471.62	3.67	MC-COM
CAR	475.29	2.9	COM-CAR
HV	478.19	2.15	CAR-HV
CAR	480.34	0.23	HV-CAR
TW	480.57	1.2	CAR-TW
CAR	481.77	2.1	TW-CAR
CAR	483.87	1.36	CAR-CAR
COM	485.23	1.45	CAR-COM
COM	486.68	4.01	COM-COM
MC	490.69	1.27	COM-MC
TW	491.96	0.26	MC-TW
HV	492.22	1.6	TW-HV
HV	493.82	0.28	HV-HV
TW	494.1	2.87	HV-TW
TW	496.97	0.32	TW-TW
TW	497.29	1.31	TW-TW
HV	498.6	4.61	TW-HV
MC	503.21	0.89	HV-MC
COM	504.1	0.61	MC-COM
CAR	504.71	2.47	COM-CAR
MC	507.18	0.28	CAR-MC
COM	507.46	2.76	MC-COM
CAR	510.22	0.66	COM-CAR
CAR	510.88	2.92	CAR-CAR
TW	513.8	1.73	CAR-TW
HV	515.53	1.63	TW-HV
TW	517.16	1.18	HV-TW
COM	518.34	1.93	TW-COM
COM	520.27	3	COM-COM
COM	523.27	0.42	COM-COM
CAR	523.69	0.85	COM-CAR
COM	524.54	1.82	CAR-COM
MC	526.36	5.59	COM-MC
HV	531.95	0.7	MC-HV
HV	532.65	2.43	HV-HV
MC	535.08	7.12	HV-MC
TW	542.2	0.99	MC-TW
TW	543.19	5.28	TW-TW
TW	548.47	1.36	TW-TW
MC	549.83	2.6	TW-MC
CAR	552.43	4.01	MC-CAR
COM	556.44	0.64	CAR-COM
TW	557.08	0.84	COM-TW

HV	387.11	4.66	MC-HV
TW	391.77	2.22	HV-TW
TW	393.99	3.6	TW-TW
TW	397.59	5.36	TW-TW
MC	402.95	0.57	TW-MC
HV	403.52	1.83	MC-HV
MC	405.35	1.77	HV-MC
MC	407.12	2.28	MC-MC
CAR	409.4	4.25	MC-CAR
COM	413.65	1.02	CAR-COM
MC	414.67	4.24	COM-MC
HV	418.91	1.44	MC-HV
HV	420.35	3.19	HV-HV
TW	423.54	2.04	HV-TW
TW	425.58	1.38	TW-TW
TW	426.96	5.18	TW-TW
CAR	432.14	1.2	TW-CAR
TW	433.34	4.95	CAR-TW
CAR	438.29	6.83	TW-CAR
HV	445.12	1.68	CAR-HV
COM	446.8	1.97	HV-COM
TW	448.77	2.17	COM-TW
COM	450.94	0.23	TW-COM
MC	451.17	1.97	COM-MC
HV	453.14	3.27	MC-HV
CAR	456.41	1.15	HV-CAR
MC	457.56	1.74	CAR-MC
COM	459.3	2.2	MC-COM
HV	461.5	4.19	COM-HV
TW	465.69	1.61	HV-TW
TW	467.3	6.93	TW-TW
TW	474.23	0.7	TW-TW
HV	474.93	1.59	TW-HV
TW	476.52	5.38	HV-TW
COM	481.9	1.85	TW-COM
TW	483.75	0.68	COM-TW
CAR	484.43	0.44	TW-CAR
MC	484.87	6.07	CAR-MC
CAR	490.94	2	MC-CAR
HV	492.94	0.81	CAR-HV
CAR	493.75	1.32	HV-CAR
HV	495.07	3.08	CAR-HV
CAR	498.15	4.29	HV-CAR
HV	502.44	2.83	CAR-HV
COM	505.27	2.06	HV-COM
MC	507.33	5.26	COM-MC
CAR	512.59	1.65	MC-CAR
MC	514.24	2.77	CAR-MC
CAR	517.01	5.39	MC-CAR
COM	522.4	1.91	CAR-COM
CAR	524.31	5.83	COM-CAR
TW	530.14	2.75	CAR-TW
COM	532.89	4.39	TW-COM
TW	537.28	1.15	COM-TW
MC	538.43	1.22	TW-MC
MC	539.65	2.2	MC-MC
HV	541.85	1.24	MC-HV
COM	543.09	2.89	HV-COM
TW	545.98	1.98	COM-TW
TW	547.96	6.74	TW-TW
HV	554.7	2.71	TW-HV
CAR	557.41	7.44	HV-CAR
HV	564.85	0.58	CAR-HV
MC	565.43	3.41	HV-MC
MC	568.84	0.87	MC-MC
CAR	569.71	1.88	MC-CAR
MC	571.59	2.91	CAR-MC
CAR	574.5	5	MC-CAR
TW	579.5	2.65	CAR-TW
TW	582.15	1.89	TW-TW
TW	584.04	0.68	TW-TW
TW	584.72	7.13	TW-TW
TW	591.85	3.64	TW-TW
TW	595.49	6.99	TW-TW
HV	602.48	2.33	TW-HV
HV	604.81	4.32	HV-HV
CAR	609.13	4.44	HV-CAR
CAR	613.57	0.71	CAR-CAR
MC	614.28	3.46	CAR-MC
COM	617.74	0.52	MC-COM
MC	618.26	2.43	COM-MC
COM	620.69	2.74	MC-COM
HV	623.43	1.31	COM-HV
CAR	624.74	3.11	HV-CAR
MC	627.85	3.96	CAR-MC
HV	631.81	2.45	MC-HV
COM	634.26	2.77	HV-COM
TW	637.03	1.32	COM-TW
CAR	638.35	2.43	TW-CAR
HV	640.78	2.25	CAR-HV
CAR	643.03	3.43	HV-CAR
TW	646.46	1.54	CAR-TW
HV	648	1.62	TW-HV
COM	649.62	2.86	HV-COM
COM	652.48	1.44	COM-COM
HV	653.92	2.91	COM-HV
CAR	656.83	1.84	HV-CAR
HV	658.67	1.49	CAR-HV
MC	660.16	1.29	HV-MC
COM	661.45	3.42	MC-COM
MC	664.87	4.89	COM-MC
CAR	669.76	1.51	MC-CAR
HV	671.27	1.27	CAR-HV
MC	672.54	3.99	HV-MC
TW	676.53	0.99	MC-TW
TW	677.52	2.39	TW-TW
MC	679.91	1.53	TW-MC
MC	681.44	1.62	MC-MC
HV	683.06	1.45	MC-HV
COM	684.51	1.1	HV-COM
TW	685.61	2.03	COM-TW
CAR	687.64	6.14	TW-CAR
HV	693.78	4.04	CAR-HV
TW	697.82	3.16	HV-TW
COM	700.98	1.92	TW-COM
CAR	702.9	0.5	COM-CAR
CAR	703.4	0.35	CAR-CAR
HV	703.75	3.81	CAR-HV
MC	707.56	2.51	HV-MC
TW	710.07	4.58	MC-TW
CAR	714.65	1.56	TW-CAR
TW	716.21	8.23	CAR-TW
HV	724.44	5.75	TW-HV
CAR	730.19	2.02	HV-CAR
CAR	732.21	1.01	CAR-CAR
MC	733.22	3.59	CAR-MC
TW	736.81	9.35	MC-TW
HV	746.16	6.71	TW-HV
HV	752.87	3.92	HV-HV
MC	756.79	1.66	HV-MC
HV	758.45	0.7	MC-HV
MC	759.15	1.62	HV-MC
MC	760.77	1.98	MC-MC
COM	762.75	0.62	MC-COM
CAR	763.37	1.21	COM-CAR
MC	764.58	2.17	CAR-MC
COM	766.75	2.66	MC-COM
COM	769.41	1.98	COM-COM
COM	771.39	3.42	COM-COM
TW	774.81	0.86	COM-TW
COM	775.67	3.69	TW-COM
MC	779.36	2	COM-MC
COM	781.36	3.27	MC-COM
COM	784.63	1.73	COM-COM
COM	786.36	3.04	COM-COM
HV	789.4	0.79	COM-HV
MC	790.19	4.87	HV-MC
COM	795.06	1.74	MC-COM
TW	796.8	5.85	COM-TW
CAR	802.65	1.59	TW-CAR

COM	327.51	1.62	COM-COM
TW	329.13	0.48	COM-TW
CAR	329.61	0.54	TW-CAR
MC	330.15	0.93	CAR-MC
HV	331.08	3.72	MC-HV
TW	334.8	2.34	HV-TW
MC	337.14	0.27	TW-MC
COM	337.41	1.67	MC-COM
HV	339.08	0.88	COM-HV
COM	339.96	1.31	HV-COM
HV	341.27	1.26	COM-HV
MC	342.53	2.68	HV-MC
TW	345.21	3.53	MC-TW
MC	348.74	1.98	TW-MC
TW	350.72	3.32	MC-TW
TW	354.04	2.22	TW-TW
MC	356.26	4.15	TW-MC
MC	360.41	2.76	MC-MC
CAR	363.17	1.03	MC-CAR
TW	364.2	3.62	CAR-TW
TW	367.82	7.08	TW-TW
MC	374.9	1.44	TW-MC
HV	376.34	2.03	MC-HV
HV	378.37	2.64	HV-HV
HV	381.01	1.23	HV-HV
MC	382.24	0.54	HV-MC
TW	382.78	1.55	MC-TW
COM	384.33	1.27	TW-COM
CAR	385.6	0.37	COM-CAR
HV	385.97	1.2	CAR-HV
CAR	387.17	2.44	HV-CAR
HV	389.61	1.65	CAR-HV
MC	391.26	2.3	HV-MC
TW	393.56	0.54	MC-TW
HV	394.1	1.65	TW-HV
COM	395.75	0.25	HV-COM
MC	396	0.91	COM-MC
CAR	396.91	1.72	MC-CAR
COM	398.63	2.52	CAR-COM
TW	401.15	4.21	COM-TW
HV	405.36	1.18	TW-HV
COM	406.54	1.05	HV-COM
HV	407.59	2.43	COM-HV
COM	410.02	1.23	HV-COM
TW	411.25	1.28	COM-TW
CAR	412.53	1.83	TW-CAR
CAR	414.36	2.38	CAR-CAR
MC	416.74	3.15	CAR-MC
CAR	419.89	2.56	MC-CAR
CAR	422.45	1.85	CAR-CAR
COM	424.3	3.14	CAR-COM
COM	427.44	2.39	COM-COM
HV	429.83	1.26	COM-HV
COM	431.09	4.16	HV-COM
COM	435.25	2	COM-COM
HV	437.25	0.82	COM-HV
HV	438.07	2.69	HV-HV
HV	440.76	1.09	HV-HV
TW	441.85	0.53	HV-TW
COM	442.38	2.91	TW-COM
COM	445.29	0.53	COM-COM
MC	445.82	2.98	COM-MC
HV	448.8	0.23	MC-HV
COM	449.03	3.12	HV-COM
COM	452.15	2.88	COM-COM
TW	455.03	3.05	COM-TW
HV	458.08	0.59	TW-HV
TW	458.67	2.55	HV-TW
TW	461.22	2.51	TW-TW
COM	463.73	2.68	TW-COM
TW	466.41	0.95	COM-TW
MC	467.36	1.88	TW-MC
TW	469.24	1.6	MC-TW
HV	470.84	1.36	TW-HV
CAR	472.2	1.25	HV-CAR
TW	473.45	0.24	CAR-TW
HV	473.69	1.56	TW-HV
MC	475.25	0.99	HV-MC
MC	476.24	4.22	MC-MC
MC	480.46	2.75	MC-MC
MC	483.21	2.02	MC-MC
TW	485.23	1.46	MC-TW
TW	486.69	1.62	TW-TW
COM	488.31	1.4	TW-COM
COM	489.71	6.9	COM-COM
TW	496.61	2.71	COM-TW
HV	499.32	0.87	TW-HV
TW	500.19	5.5	HV-TW
CAR	505.69	1.78	TW-CAR
COM	507.47	3.63	CAR-COM
TW	511.1	1.06	COM-TW
TW	512.16	3.01	TW-TW
TW	515.17	2.97	TW-TW
COM	518.14	4.76	TW-COM
TW	522.9	1.59	COM-TW
COM	524.49	0.57	TW-COM
MC	525.06	1.04	COM-MC
HV	526.1	3.2	MC-HV
HV	529.3	0.53	HV-HV
HV	529.83	6.89	HV-HV
HV	536.72	4.8	HV-HV
HV	541.52	0.65	HV-HV
MC	542.17	1.32	HV-MC
COM	543.49	1.06	MC-COM
CAR	544.55	0.19	COM-CAR
MC	544.74	4.34	CAR-MC
TW	549.08	0.64	MC-TW
HV	549.72	2.59	TW-HV
HV	552.31	0.47	HV-HV
CAR	552.78	1.21	HV-CAR
TW	553.99	4.44	CAR-TW
HV	558.43	1.39	TW-HV
COM	559.82	1.49	HV-COM
CAR	561.31	6.6	COM-CAR
COM	567.91	2.46	CAR-COM
MC	570.37	0.44	COM-MC
MC	570.81	1.59	MC-MC
CAR	572.4	0.95	MC-CAR
CAR	573.35	0.47	CAR-CAR
CAR	573.82	3.6	CAR-CAR
MC	577.42	3.91	CAR-MC
COM	581.33	0.69	MC-COM
MC	582.02	6.63	COM-MC
HV	588.65	1.82	MC-HV
MC	590.47	1.47	HV-MC
COM	591.94	3.2	MC-COM
HV	595.14	3.37	COM-HV
CAR	598.51	1	HV-CAR
TW	599.51	3.52	CAR-TW
HV	603.03	0.81	TW-HV
TW	603.84	1.92	HV-TW
HV	605.76	4.21	TW-HV
TW	609.97	0.58	HV-TW
TW	610.55	1.52	TW-TW
TW	612.07	1.99	TW-TW
CAR	614.06	2.39	TW-CAR
HV	616.45	3.77	CAR-HV
COM	620.22	1.15	HV-COM
TW	621.37	3.25	COM-TW
COM	624.62	2.65	TW-COM
CAR	627.27	2.15	COM-CAR
HV	629.42	2.52	CAR-HV
HV	631.94	2.14	HV-HV
COM	634.08	1.99	HV-COM
HV	636.07	0.57	COM-HV
COM	636.64	0.6	HV-COM
MC	637.24	0.49	COM-MC
HV	637.73	1.58	MC-HV
HV	639.31	2.99	HV-HV
COM	642.3	0.88	HV-COM

MC	557.92	3.7	TW-MC
TW	561.62	1.49	MC-TW
COM	563.11	3.74	TW-COM
MC	566.85	2.8	COM-MC
CAR	569.65	1.89	MC-CAR
CAR	571.54	1.66	CAR-CAR
COM	573.2	3.97	CAR-COM
MC	577.17	2.96	COM-MC
TW	580.13	2.7	MC-TW
HV	582.83	1.87	TW-HV
HV	584.7	0.61	HV-HV
TW	585.31	3.76	HV-TW
HV	589.07	2.42	TW-HV
HV	591.49	2.67	HV-HV
HV	594.16	2.01	HV-HV
CAR	596.17	1.91	HV-CAR
CAR	598.08	0.41	CAR-CAR
CAR	598.49	3.9	CAR-CAR
TW	602.39	0.58	CAR-TW
TW	602.97	3.44	TW-TW
CAR	606.41	0.95	TW-CAR
COM	607.36	2.9	CAR-COM
CAR	610.26	0.73	COM-CAR
TW	610.99	2.63	CAR-TW
TW	613.62	0.88	TW-TW
CAR	614.5	1.81	TW-CAR
HV	616.31	0.48	CAR-HV
HV	616.79	1.87	HV-HV
MC	618.66	2.64	HV-MC
TW	621.3	2.91	MC-TW
CAR	624.21	3.45	TW-CAR
MC	627.66	3.48	CAR-MC
CAR	631.14	1.37	MC-CAR
HV	632.51	1.39	CAR-HV
MC	633.9	0.2	HV-MC
TW	634.1	4.84	MC-TW
CAR	638.94	0.07	TW-CAR
TW	639.01	1.24	CAR-TW
MC	640.25	4.85	TW-MC
TW	645.1	1.55	MC-TW
COM	646.65	1.92	TW-COM
COM	648.57	6.16	COM-COM
MC	654.73	3.25	COM-MC
MC	657.98	3.3	MC-MC
HV	661.28	1.13	MC-HV
HV	662.41	0.82	HV-HV
HV	663.23	1.47	HV-HV
CAR	664.7	3.81	HV-CAR
TW	668.51	0.22	CAR-TW
COM	668.73	1.28	TW-COM
HV	670.01	0.87	COM-HV
COM	670.88	4.35	HV-COM
TW	675.23	0.93	COM-TW
MC	676.16	0.34	TW-MC
TW	676.5	1.03	MC-TW
MC	677.53	3.98	TW-MC
HV	681.51	0.84	MC-HV
MC	682.35	1.55	HV-MC
CAR	683.9	1.12	MC-CAR
TW	685.02	2.51	CAR-TW
MC	687.53	0.95	TW-MC
COM	688.48	0.45	MC-COM
HV	688.93	2.21	COM-HV
COM	691.14	0.31	HV-COM
COM	691.45	1.23	COM-COM
COM	692.68	1.68	COM-COM
COM	694.36	1.7	COM-COM
MC	696.06	1.61	COM-MC
COM	697.67	4.66	MC-COM
COM	702.33	0.99	COM-COM
CAR	703.32	2.72	COM-CAR
COM	706.04	5.74	CAR-COM
COM	711.78	0.6	COM-COM
COM	712.38	2.75	COM-COM
MC	715.13	0.84	COM-MC
HV	715.97	4.13	MC-HV
HV	720.1	1.81	HV-HV
MC	721.91	0.59	HV-MC
MC	722.5	4.86	MC-MC
MC	727.36	5.6	MC-MC
COM	732.96	0.95	MC-COM
COM	733.91	2.92	COM-COM
MC	736.83	0.95	COM-MC
COM	737.78	1.1	MC-COM
CAR	738.88	3.38	COM-CAR
CAR	742.26	3.35	CAR-CAR
MC	745.61	0.39	CAR-MC
CAR	746	1.15	MC-CAR
HV	747.15	1.62	CAR-HV
TW	748.77	1.48	HV-TW
TW	750.25	0.45	TW-TW
COM	750.7	2.73	TW-COM
COM	753.43	0.74	COM-COM
HV	754.17	2.09	COM-HV
TW	756.26	0.71	HV-TW
HV	756.97	4.4	TW-HV
CAR	761.37	5.1	HV-CAR
COM	766.47	9.36	CAR-COM
CAR	775.83	1.76	COM-CAR
CAR	777.59	4.39	CAR-CAR
COM	781.98	2.33	CAR-COM
HV	784.31	2.81	COM-HV
CAR	787.12	1.18	HV-CAR
TW	788.3	0.69	CAR-TW
CAR	788.99	0.8	TW-CAR
MC	789.79	1.56	CAR-MC
COM	791.35	2.81	MC-COM
TW	794.16	0.86	COM-TW
COM	795.02	0.61	TW-COM
TW	795.63	2.96	COM-TW
MC	798.59	2.11	TW-MC
CAR	800.7	0.52	MC-CAR
HV	801.22	6.11	CAR-HV
COM	807.33	0.54	HV-COM
COM	807.87	5.77	COM-COM
HV	813.64	2.7	COM-HV
CAR	816.34	2.2	HV-CAR
MC	818.54	1.16	CAR-MC
HV	819.7	2.36	MC-HV
TW	822.06	1.26	HV-TW
COM	823.32	3.61	TW-COM
TW	826.93	2.53	COM-TW
CAR	829.46	2.57	TW-CAR
CAR	832.03	4.79	CAR-CAR
TW	836.82	1.38	CAR-TW
TW	838.2	1.86	TW-TW
HV	840.06	2.66	TW-HV
CAR	842.72	2.83	HV-CAR
HV	845.55	1.95	CAR-HV
HV	847.5	2.43	HV-HV
TW	849.93	1.31	HV-TW
TW	851.24	3.46	TW-TW
COM	854.7	2.48	TW-COM
MC	857.18	1.62	COM-MC
CAR	858.8	2.4	MC-CAR
CAR	861.2	1.77	CAR-CAR
COM	862.97	2.99	CAR-COM
COM	865.96	2.49	COM-COM
HV	868.45	1.99	COM-HV
CAR	870.44	3.38	HV-CAR
COM	873.82	4.09	CAR-COM
MC	877.91	1.41	COM-MC
MC	879.32	1.09	MC-MC
TW	880.41	0.46	MC-TW
MC	880.87	1.39	TW-MC
COM	882.26	1.17	MC-COM
MC	883.43	0.43	COM-MC
CAR	883.86	0.53	MC-CAR
HV	884.39	0.52	CAR-HV
MC	884.91	1.59	HV-MC
MC	886.5	0.35	MC-MC
CAR	886.85	2.85	MC-CAR
COM	889.7	10.3	CAR-COM
TW	900		COM-TW

COM	804.24	4.81	CAR-COM
TW	809.05	0.35	COM-TW
COM	809.4	3.45	TW-COM
COM	812.85	1.68	COM-COM
MC	814.53	0.66	COM-MC
CAR	815.19	0.51	MC-CAR
COM	815.7	0.68	CAR-COM
CAR	816.38	2.55	COM-CAR
HV	818.93	4.04	CAR-HV
COM	822.97	0.76	HV-COM
CAR	823.73	4.3	COM-CAR
CAR	828.03	1.97	CAR-CAR
COM	830	1.07	CAR-COM
COM	831.07	2.53	COM-COM
CAR	833.6	1.16	COM-CAR
MC	834.76	4.83	CAR-MC
HV	839.59	7.61	MC-HV
COM	847.2	6.19	HV-COM
HV	853.39	2.22	COM-HV
HV	855.61	4.48	HV-HV
HV	860.09	6.19	HV-HV
HV	866.28	2.74	HV-HV
CAR	869.02	4.52	HV-CAR
HV	873.54	3.13	CAR-HV
CAR	876.67	3.69	HV-CAR
HV	880.36	3.31	CAR-HV
MC	883.67	2.04	HV-MC
MC	885.71	1.96	MC-MC
MC	887.67		MC-MC

COM	643.18	2.71	COM-COM
MC	645.89	0.4	COM-MC
MC	646.29	2.43	MC-MC
TW	648.72	1.56	MC-TW
MC	650.28	6.25	TW-MC
MC	656.53	4.15	MC-MC
CAR	660.68	5.11	MC-CAR
COM	665.79	8.44	CAR-COM
HV	674.23	2.41	COM-HV
HV	676.64	0.38	HV-HV
MC	677.02	3.83	HV-MC
MC	680.85	0.48	MC-MC
TW	681.33	2.51	MC-TW
MC	683.84	2.9	TW-MC
HV	686.74	2.02	MC-HV
HV	688.76	1.69	HV-HV
HV	690.45	2.31	HV-HV
CAR	692.76	1.31	HV-CAR
HV	694.07	3.66	CAR-HV
CAR	697.73	2.28	HV-CAR
HV	700.01	4.09	CAR-HV
CAR	704.1	2.2	HV-CAR
HV	706.3	4.31	CAR-HV
CAR	710.61	1.02	HV-CAR
MC	711.63	1.06	CAR-MC
COM	712.69	0.38	MC-COM
MC	713.07	2.66	COM-MC
TW	715.73	0.26	MC-TW
TW	715.99	0.82	TW-TW
MC	716.81	0.78	TW-MC
HV	717.59	2.9	MC-HV
COM	720.49	1.13	HV-COM
CAR	721.62	1.56	COM-CAR
CAR	723.18	1.7	CAR-CAR
HV	724.88	2.51	CAR-HV
HV	727.39	4.74	HV-HV
COM	732.13	1.21	HV-COM
TW	733.34	0.1	COM-TW
MC	733.44	0.39	TW-MC
HV	733.83	0.61	MC-HV
HV	734.44	1.57	HV-HV
CAR	736.01	2.97	HV-CAR
TW	738.98	0.97	CAR-TW
MC	739.95	1.67	TW-MC
MC	741.62	1.01	MC-MC
TW	742.63	2.76	MC-TW
MC	745.39	3.14	TW-MC
MC	748.53	2.83	MC-MC
MC	751.36	3.23	MC-MC
CAR	754.59	5.44	MC-CAR
TW	760.03	3.51	CAR-TW
MC	763.54	1.07	TW-MC
TW	764.61	3.35	MC-TW
MC	767.96	4.65	TW-MC
MC	772.61	0.29	MC-MC
HV	772.9	2.07	MC-HV
COM	774.97	3.36	HV-COM
HV	778.33	4.17	COM-HV
HV	782.5	1.85	HV-HV
COM	784.35	5.34	HV-COM
MC	789.69	2.46	COM-MC
MC	792.15	3.49	MC-MC
COM	795.64	1.94	MC-COM
TW	797.58	1.23	COM-TW
MC	798.81	2.38	TW-MC
COM	801.19	3.3	MC-COM
MC	804.49	1.72	COM-MC
TW	806.21	1.67	MC-TW
TW	807.88	6.23	TW-TW
COM	814.11	2.12	TW-COM
CAR	816.23	4.48	COM-CAR
TW	820.71	1.05	CAR-TW
COM	821.76	1.77	TW-COM
TW	823.53	3.33	COM-TW
CAR	826.86	0.5	TW-CAR
COM	827.36	7.17	CAR-COM
CAR	834.53	2.89	COM-CAR
COM	837.42	1.14	CAR-COM
HV	838.56	1.95	COM-HV
TW	840.51	1.91	HV-TW
COM	842.42	1.44	TW-COM
COM	843.86	3.42	COM-COM
TW	847.28	1.63	COM-TW
TW	848.91	2.8	TW-TW
CAR	851.71	1.23	TW-CAR
CAR	852.94	3.08	CAR-CAR
COM	856.02	5.07	CAR-COM
CAR	861.09	4.41	COM-CAR
HV	865.5	3.97	CAR-HV
COM	869.47	1.65	HV-COM
HV	871.12	3.88	COM-HV
MC	875	3.35	HV-MC
CAR	878.35	0.3	MC-CAR
MC	878.65	2.18	CAR-MC
CAR	880.83	2.52	MC-CAR
CAR	883.35	4.03	CAR-CAR
CAR	887.38	1.29	CAR-CAR
HV	888.67	1.83	CAR-HV
CAR	890.5		HV-CAR

ANNEX - 3 - Time Headway Data > 1200 Veh/hr Flow Range

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	94
To	Dehiwala	TW	90
Side	LHS	CAR	85
Lane	Inner	COM	87
Video name	8100	HV	82
Time started	1:30 PM	SUM	438
Time finished	1:45 PM		
Traffic count (15Min)	438	Veh	
Traffic flow rate	1752	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	1.83	
TW	1.83	0.46	CAR-TW
CAR	2.29	1.32	TW-CAR
CAR	3.61	2.87	CAR-CAR
HV	6.48	0.65	CAR-HV
CAR	7.13	2.2	HV-CAR
CAR	9.33	1.43	CAR-CAR
TW	10.76	1.2	CAR-TW
TW	11.96	4.18	TW-TW
CAR	16.14	2.53	TW-CAR
MC	18.67	3.28	CAR-MC
TW	21.95	5.94	MC-TW
TW	27.89	2.44	TW-TW
MC	30.33	1.93	TW-MC
HV	32.26	3.19	MC-HV
CAR	35.45	0.89	HV-CAR
MC	36.34	2.85	CAR-MC
CAR	39.19	2.2	MC-CAR
COM	41.39	1.17	CAR-COM
CAR	42.56	3.86	COM-CAR
CAR	46.42	2.1	CAR-CAR
HV	48.52	2.11	CAR-HV
HV	50.63	2.58	HV-HV
COM	53.21	1.83	HV-COM
TW	55.04	1.02	COM-TW
MC	56.06	3.07	TW-MC
COM	59.13	1.6	MC-COM
HV	60.73	1.64	COM-HV
MC	62.37	2.34	HV-MC
MC	64.71	1.72	MC-MC
HV	66.43	0.76	MC-HV
HV	67.19	1.32	HV-HV
TW	68.51	1.14	HV-TW
COM	69.65	1.49	TW-COM
HV	71.14	2.92	COM-HV
CAR	74.06	0.65	HV-CAR
HV	74.71	0.51	CAR-HV
HV	75.22	0.99	HV-HV
MC	76.21	4.21	HV-MC
TW	80.42	2.14	MC-TW
COM	82.56	2.6	TW-COM
CAR	85.16	2.8	COM-CAR
TW	87.96	2	CAR-TW
HV	89.96	4.37	TW-HV
COM	94.33	3.95	HV-COM
CAR	98.28	1.34	COM-CAR
CAR	99.62	0.83	CAR-CAR
MC	100.45	1.97	CAR-MC
HV	102.42	0.61	MC-HV
MC	103.03	3.05	HV-MC
COM	106.08	0.56	MC-COM
HV	106.64	1.04	COM-HV
MC	107.68	1.72	HV-MC
MC	109.4	2.83	MC-MC
CAR	112.23	3.99	MC-CAR
MC	116.22	1.31	CAR-MC
MC	117.53	5.53	MC-MC
CAR	123.06	3.36	MC-CAR
TW	126.42	2.12	CAR-TW
HV	128.54	1.77	TW-HV
TW	130.31	3.85	HV-TW
MC	134.16	2.39	TW-MC
TW	136.55	3.62	MC-TW
MC	140.17	1.17	TW-MC
COM	141.34	1.9	MC-COM
HV	143.24	0.64	COM-HV
CAR	143.88	0.85	HV-CAR
MC	144.73	2.06	CAR-MC
TW	146.79	5.89	MC-TW
HV	152.68	1.44	TW-HV
TW	154.12	2.9	HV-TW
COM	157.02	2.12	TW-COM
TW	159.14	0.89	COM-TW
TW	160.03	0.12	TW-TW
COM	160.15	4.17	TW-COM
CAR	164.32	2.5	COM-CAR
TW	166.82	1.72	CAR-TW
CAR	168.54	0.89	TW-CAR
HV	169.43	0.95	CAR-HV
HV	170.38	1.9	HV-HV
HV	172.28	1.94	HV-HV
MC	174.22	1.45	HV-MC
COM	175.67	2.97	MC-COM
TW	178.64	2.42	COM-TW
TW	181.06	1.09	TW-TW
MC	182.15	1.64	TW-MC
MC	183.79	1.69	MC-MC
MC	185.48	0.56	MC-MC
CAR	186.04	0.42	MC-CAR
HV	186.46	2.62	CAR-HV
CAR	189.08	0.4	HV-CAR
CAR	189.48	1.89	CAR-CAR
MC	191.37	2.13	CAR-MC
COM	193.5	1.17	MC-COM
HV	194.67	1.24	COM-HV
CAR	195.91	0.8	HV-CAR
HV	196.71	3.33	CAR-HV
HV	200.04	4.55	HV-HV
MC	204.59	4.17	HV-MC
HV	208.76	1.88	MC-HV
HV	210.64	1.8	HV-HV
TW	212.44	1.95	HV-TW
MC	214.39	3.52	TW-MC
TW	217.91	0.87	MC-TW
MC	218.78	0.88	TW-MC
CAR	219.66	1.39	MC-CAR
CAR	221.05	1.09	CAR-CAR
CAR	222.14	1.64	CAR-CAR
COM	223.78	1.69	CAR-COM
HV	225.47	1.45	COM-HV
MC	226.92	3.15	HV-MC
MC	230.07	1.47	MC-MC
HV	231.54	0.9	MC-HV
TW	232.44	0.39	HV-TW
MC	232.83	0.56	TW-MC
CAR	233.39	2.12	MC-CAR
TW	235.51	1.39	CAR-TW
MC	236.9	1.3	TW-MC
HV	238.2	0.97	MC-HV
TW	239.17	1.96	HV-TW
CAR	241.13	2.28	TW-CAR
CAR	243.41	0.96	CAR-CAR
MC	244.37	1.84	CAR-MC
MC	246.21	1.86	MC-MC
COM	248.07	4.34	MC-COM
COM	252.41	0.53	COM-COM
MC	252.94	0.25	COM-MC
COM	253.19	0.09	MC-COM
CAR	253.28	1.59	COM-CAR
CAR	254.87	0.9	CAR-CAR
COM	255.77	0.29	CAR-COM
HV	256.06	3.62	COM-HV
MC	259.68	1.66	HV-MC
TW	261.34	1.62	MC-TW
CAR	262.96	3.72	TW-CAR
COM	266.68	0.3	CAR-COM
HV	266.98	2.45	COM-HV
CAR	269.43	2.25	HV-CAR

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	87
To	Dehiwala	TW	74
Side	LHS	CAR	79
Lane	Inner	COM	86
Video name	8550	HV	67
Time started	1:45 PM	SUM	393
Time finished	2:00 PM		
Traffic count (15Min)	393	Veh	
Traffic flow rate	1572	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
TW	0	2.94	
MC	2.94	0.08	TW-MC
COM	3.02	1.7	MC-COM
CAR	4.72	1.65	COM-CAR
HV	6.37	0.96	CAR-HV
HV	7.33	1.03	HV-HV
MC	8.36	0.64	HV-MC
COM	9	4.15	MC-COM
COM	13.15	2.33	COM-COM
COM	15.48	1.05	COM-COM
HV	16.53	1.86	COM-HV
HV	18.39	2.29	HV-HV
TW	20.68	1.9	HV-TW
TW	22.58	3.32	TW-TW
HV	25.9	5.41	TW-HV
COM	31.31	2.22	HV-COM
COM	33.53	1.2	COM-COM
CAR	34.73	2.41	COM-CAR
MC	37.14	1.11	CAR-MC
HV	38.25	1.72	MC-HV
COM	39.97	1.8	HV-COM
CAR	41.77	2.17	COM-CAR
TW	43.94	2.26	CAR-TW
CAR	46.2	2.48	TW-CAR
COM	48.68	0.54	CAR-COM
CAR	49.22	2.92	COM-CAR
MC	52.14	2.18	CAR-MC
CAR	54.32	0.56	MC-CAR
COM	54.88	1.36	CAR-COM
TW	56.24	3	COM-TW
COM	59.24	1.97	TW-COM
MC	61.21	2.49	COM-MC
COM	63.7	3.77	MC-COM
COM	67.47	3.76	COM-COM
CAR	71.23	1.15	COM-CAR
HV	72.38	2.91	CAR-HV
HV	75.29	2.01	HV-HV
MC	77.3	2.37	HV-MC
TW	79.67	2.47	MC-TW
COM	82.14	1.71	TW-COM
MC	83.85	0.15	COM-MC
COM	84	1.41	MC-COM
TW	85.41	1	COM-TW
TW	86.41	1.33	TW-TW
CAR	87.74	0.46	TW-CAR
COM	88.2	0.66	CAR-COM
COM	88.86	1.59	COM-COM
HV	90.45	0.26	COM-HV
TW	90.71	3.66	HV-TW
MC	94.37	1.39	TW-MC
MC	95.76	0.85	MC-MC
HV	96.61	1.52	MC-HV
TW	98.13	4.87	HV-TW
CAR	103	1.15	TW-CAR
HV	104.15	1.52	CAR-HV
MC	105.67	4.27	HV-MC
MC	109.94	2.16	MC-MC
CAR	112.1	0.94	MC-CAR
MC	113.04	0.07	CAR-MC
MC	113.11	1.18	MC-MC
TW	114.29	3.42	MC-TW
CAR	117.71	1.22	TW-CAR
TW	118.93	1.09	CAR-TW
CAR	120.02	1.21	TW-CAR
CAR	121.23	0.37	CAR-CAR
CAR	121.6	1.3	CAR-CAR
HV	122.9	3.7	CAR-HV
COM	126.6	1.78	HV-COM
MC	128.38	1.57	COM-MC
MC	129.95	0.62	MC-MC
COM	130.57	1.18	MC-COM
CAR	131.75	5.07	COM-CAR
MC	136.82	3.06	CAR-MC
COM	139.88	3.93	MC-COM
MC	143.81	1.18	COM-MC
COM	144.99	0.92	MC-COM
HV	145.91	2.3	COM-HV
CAR	148.21	3.17	HV-CAR
MC	151.38	1.88	CAR-MC
CAR	153.26	1.35	MC-CAR
TW	154.61	1.04	CAR-TW
CAR	155.65	1.43	TW-CAR
HV	157.08	2.97	CAR-HV
MC	160.05	2.99	HV-MC
MC	163.04	1.46	MC-MC
TW	164.5	0.81	MC-TW
TW	165.31	4.57	TW-TW
TW	169.88	1.21	TW-TW
MC	171.09	0.26	TW-MC
HV	171.35	1.37	MC-HV
HV	172.72	2.64	HV-HV
HV	175.36	0.29	HV-HV
HV	175.65	2.4	HV-HV
MC	178.05	1.7	HV-MC
HV	179.75	1.68	MC-HV
CAR	181.43	5.18	HV-CAR
TW	186.61	2.73	CAR-TW
HV	189.34	2.47	TW-HV
CAR	191.81	2.16	HV-CAR
MC	193.97	2.44	CAR-MC
HV	196.41	2.87	MC-HV
MC	199.28	0.9	HV-MC
MC	200.18	1.19	MC-MC
MC	201.37	3.14	MC-MC
COM	204.51	1.35	MC-COM
MC	205.86	7.07	COM-MC
CAR	212.93	1.63	MC-CAR
HV	214.56	1.2	CAR-HV
HV	215.76	0.88	HV-HV
MC	216.64	1.32	HV-MC
COM	217.96	1.11	MC-COM
COM	219.07	3.24	COM-COM
TW	222.31	1.9	COM-TW
TW	224.21	1.45	TW-TW
TW	225.66	3.95	TW-TW
HV	229.61	3.48	TW-HV
MC	233.09	2.62	HV-MC
MC	235.71	5.62	MC-MC
CAR	241.33	7.51	MC-CAR
CAR	248.84	1.21	CAR-CAR
MC	250.05	5.38	CAR-MC
COM	255.43	5.87	MC-COM
MC	261.3	0.91	COM-MC
MC	262.21	3.94	MC-MC
HV	266.15	0.34	MC-HV
MC	266.49	0.72	HV-MC
HV	267.21	3.43	MC-HV
MC	270.64	3.71	HV-MC
TW	274.35	1.6	MC-TW
COM	275.95	1.27	TW-COM
HV	277.22	2.02	COM-HV
CAR	279.24	5.44	HV-CAR
TW	284.68	1.73	CAR-TW
CAR	286.41	1.16	TW-CAR
TW	287.57	1.78	CAR-TW
MC	289.35	2.63	TW-MC
CAR	291.98	2.12	MC-CAR
TW	294.1	2.3	CAR-TW

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	83
To	Dehiwala	TW	95
Side	LHS	CAR	83
Lane	Inner	COM	96
Video name	9000	HV	78
Time started	4:45 PM	SUM	435
Time finished	5:00 AM		
Traffic count (15Min)	435	Veh	
Traffic flow rate	1740	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
COM	0	4.97	
CAR	4.97	0.17	COM-CAR
COM	5.14	1.27	CAR-COM
HV	6.41	2.68	COM-HV
COM	9.09	3.17	HV-COM
MC	12.26	1.38	COM-MC
MC	13.64	2.64	MC-MC
CAR	16.28	2.06	MC-CAR
MC	18.34	1.08	CAR-MC
TW	19.42	0.66	MC-TW
COM	20.08	1.81	TW-COM
COM	21.89	3.36	COM-COM
CAR	25.25	2.21	COM-CAR
COM	27.46	0.37	CAR-COM
HV	27.83	4.59	COM-HV
MC	32.42	0.28	HV-MC
CAR	32.7	1.34	MC-CAR
HV	34.04	1.44	CAR-HV
COM	35.48	2.43	HV-COM
CAR	37.91	2.06	COM-CAR
CAR	39.97	1.34	CAR-CAR
TW	41.31	1.2	CAR-TW
COM	42.51	2.9	TW-COM
COM	45.41	2.14	COM-COM
COM	47.55	5.95	COM-COM
MC	53.5	1.04	COM-MC
HV	54.54	1.28	MC-HV
HV	55.82	3.05	HV-HV
CAR	58.87	0.38	HV-CAR
MC	59.25	2.03	CAR-MC
TW	61.28	3.09	MC-TW
TW	64.37	3.33	TW-TW
TW	67.7	5.61	TW-TW
MC	73.31	2.11	TW-MC
TW	75.42	3.42	MC-TW
HV	78.84	2.32	TW-HV
HV	81.16	0.56	HV-HV
MC	81.72	1.05	HV-MC
HV	82.77	1.74	MC-HV
COM	84.51	2.13	HV-COM
TW	86.64	0.66	COM-TW
TW	87.3	4.28	TW-TW
HV	91.58	1.03	TW-HV
COM	92.61	2.64	HV-COM
CAR	95.25	2.02	COM-CAR
CAR	97.27	1.11	CAR-CAR
HV	98.38	0.23	CAR-HV
HV	98.61	1.12	HV-HV
MC	99.73	2.97	HV-MC
HV	102.7	1.86	MC-HV
MC	104.56	1.37	HV-MC
HV	105.93	1.78	MC-HV
HV	107.71	2.81	HV-HV
TW	110.52	4.66	HV-TW
TW	115.18	3.85	TW-TW
TW	119.03	1.39	TW-TW
MC	120.42	4.89	TW-MC
COM	125.31	4.73	MC-COM
COM	130.04	1.19	COM-COM
TW	131.23	1.87	COM-TW
COM	133.1	2	TW-COM
HV	135.1	0.59	COM-HV
TW	135.69	3.56	HV-TW
HV	139.25	1.61	TW-HV
COM	140.86	5.36	HV-COM
HV	146.22	3.02	COM-HV
COM	149.24	2.26	HV-COM
MC	151.5	0.16	COM-MC
TW	151.66	2.96	MC-TW
COM	154.62	2.06	TW-COM
CAR	156.68	2.04	COM-CAR
TW	158.72	2.29	CAR-TW
CAR	161.01	2.13	TW-CAR
MC	163.14	0.45	CAR-MC
CAR	163.59	2.05	MC-CAR
TW	165.64	1.74	CAR-TW
TW	167.38	2	TW-TW
MC	169.38	1.53	TW-MC
TW	170.91	2.25	MC-TW
COM	173.16	1.91	TW-COM
COM	175.07	3.12	COM-COM
TW	178.19	2.28	COM-TW
CAR	180.47	0.34	TW-CAR
TW	180.81	0.77	CAR-TW
MC	181.58	2.18	TW-MC
CAR	183.76	1.78	MC-CAR
TW	185.54	4.67	CAR-TW
COM	190.21	0.9	TW-COM
HV	191.11	0.75	COM-HV
TW	191.86	4.82	HV-TW
MC	196.68	1.55	TW-MC
TW	198.23	1.76	MC-TW
CAR	199.99	6.75	TW-CAR
TW	206.74	3.68	CAR-TW
HV	210.42	0.89	TW-HV
MC	211.31	1.28	HV-MC
HV	212.59	3.44	MC-HV
MC	216.03	2.4	HV-MC
TW	218.43	5.04	MC-TW
CAR	223.47	1.1	TW-CAR
CAR	224.57	1.22	CAR-CAR
MC	225.79	1.83	CAR-MC
MC	227.62	1.56	MC-MC
MC	229.18	0.31	MC-MC
COM	229.49	1.49	MC-COM
TW	230.98	1.3	COM-TW
TW	232.28	2.26	TW-TW
MC	234.54	2.85	TW-MC
COM	237.39	0.93	MC-COM
HV	238.32	5.53	COM-HV
COM	243.85	2.99	HV-COM
COM	246.84	1.76	COM-COM
HV	248.6	0.99	COM-HV
COM	249.59	0.31	HV-COM
TW	249.9	1.72	COM-TW
TW	251.62	0.32	TW-TW
COM	251.94	2.59	TW-COM
MC	254.53	1.12	COM-MC
COM	255.65	3.29	MC-COM
HV	258.94	1.77	COM-HV
COM	260.71	1.43	HV-COM
CAR	262.14	1.88	COM-CAR
TW	264.02	5.84	CAR-TW
CAR	269.86	1.2	TW-CAR
CAR	271.06	0.24	CAR-CAR
TW	271.3	2.48	CAR-TW
TW	273.78	0.47	TW-TW
CAR	274.25	4.72	TW-CAR
COM	278.97	2.33	CAR-COM
COM	281.3	2.59	COM-COM
COM	283.89	2.56	COM-COM
TW	286.45	5.35	COM-TW
TW	291.8	3.89	TW-TW
HV	295.69	2.26	TW-HV
TW	297.95	3.83	HV-TW
COM	301.78	0.39	TW-COM
CAR	302.17	3.06	COM-CAR
MC	305.23	2.72	CAR-MC

COM	271.68	2.5	CAR-COM
CAR	274.18	1.34	COM-CAR
MC	275.52	0.55	CAR-MC
COM	276.07	1.91	MC-COM
TW	277.98	1.99	COM-TW
MC	279.97	2.12	TW-MC
MC	282.09	2.17	MC-MC
MC	284.26	5.57	MC-MC
COM	289.83	3.43	MC-COM
HV	293.26	1.95	COM-HV
MC	295.21	3.87	HV-MC
CAR	299.08	3.67	MC-CAR
MC	302.75	1.33	CAR-MC
TW	304.08	0.66	MC-TW
COM	304.74	2.53	TW-COM
COM	307.27	1.43	COM-COM
MC	308.7	2.3	COM-MC
COM	311	4.04	MC-COM
COM	315.04	0.38	COM-COM
TW	315.42	1.52	COM-TW
TW	316.94	0.72	TW-TW
MC	317.66	4.67	TW-MC
CAR	322.33	0.56	MC-CAR
COM	322.89	1.1	CAR-COM
HV	323.99	3.59	COM-HV
COM	327.58	4.78	HV-COM
CAR	332.36	0.41	COM-CAR
COM	332.77	3.11	CAR-COM
TW	335.88	1.85	COM-TW
HV	337.73	0.56	TW-HV
MC	338.29	3.43	HV-MC
COM	341.72	2.88	MC-COM
HV	344.6	1.92	COM-HV
HV	346.52	0.36	HV-HV
CAR	346.88	1.57	HV-CAR
TW	348.45	0.81	CAR-TW
CAR	349.26	6.48	TW-CAR
MC	355.74	4.49	CAR-MC
TW	360.23	4.48	MC-TW
COM	364.71	2.08	TW-COM
MC	366.79	1.31	COM-MC
TW	368.1	2.85	MC-TW
COM	370.95	1.18	TW-COM
CAR	372.13	2.57	COM-CAR
COM	374.7	1.38	CAR-COM
HV	376.08	4.67	COM-HV
TW	380.75	0.97	HV-TW
COM	381.72	2.28	TW-COM
HV	384	1.39	COM-HV
CAR	385.39	0.49	HV-CAR
CAR	385.88	2.04	CAR-CAR
TW	387.92	1.58	CAR-TW
HV	389.5	0.39	TW-HV
COM	389.89	5.52	HV-COM
CAR	395.41	3.93	COM-CAR
MC	399.34	2.09	CAR-MC
TW	401.43	0.96	MC-TW
HV	402.39	2.27	TW-HV
TW	404.66	1.22	HV-TW
TW	405.88	0.89	TW-TW
MC	406.77	3.38	TW-MC
HV	410.15	2.81	MC-HV
TW	412.96	1.38	HV-TW
MC	414.34	0.6	TW-MC
COM	414.94	0.84	MC-COM
TW	415.78	0.88	COM-TW
COM	416.66	1.65	TW-COM
TW	418.31	3.98	COM-TW
CAR	422.29	0.91	TW-CAR
TW	423.2	1.81	CAR-TW
COM	425.01	2.99	TW-COM
HV	428	4.6	COM-HV
TW	432.6	0.8	HV-TW
TW	433.4	0.68	TW-TW
CAR	434.08	2.73	TW-CAR
MC	436.81	1.09	CAR-MC
COM	437.9	2.53	MC-COM
HV	440.43	1.24	COM-HV
COM	441.67	0.4	HV-COM
TW	442.07	1.88	COM-TW
TW	443.95	1.16	TW-TW
CAR	445.11	0.33	TW-CAR
HV	445.44	1.17	CAR-HV
COM	446.61	1.19	HV-COM
COM	447.8	1.33	COM-COM
TW	449.13	3	COM-TW
COM	452.13	2.06	TW-COM
MC	454.19	0.79	COM-MC
CAR	454.98	1.3	MC-CAR
TW	456.28	0.29	CAR-TW
MC	456.57	1.73	TW-MC
CAR	458.3	2.9	MC-CAR
TW	461.2	1.35	CAR-TW
TW	462.55	3.75	TW-TW
COM	466.3	0.22	TW-COM
MC	466.52	4.71	COM-MC
COM	471.23	0.61	MC-COM
COM	471.84	1.23	COM-COM
TW	473.07	2.6	COM-TW
CAR	475.67	2.94	TW-CAR
HV	478.61	0.67	CAR-HV
TW	479.28	4.87	HV-TW
COM	484.15	1.29	TW-COM
MC	485.44	3.85	COM-MC
MC	489.29	0.16	MC-MC
CAR	489.45	0.6	MC-CAR
TW	490.05	0.81	CAR-TW
HV	490.86	2.27	TW-HV
MC	493.13	1.61	HV-MC
MC	494.74	1.6	MC-MC
TW	496.34	2.82	MC-TW
COM	499.16	0.72	TW-COM
MC	499.88	2.3	COM-MC
HV	502.18	3.42	MC-HV
MC	505.6	3.68	HV-MC
COM	509.28	0.97	MC-COM
HV	510.25	1.6	COM-HV
TW	511.85	1.22	HV-TW
TW	513.07	2.04	TW-TW
HV	515.11	4.57	TW-HV
CAR	519.68	1.8	HV-CAR
MC	521.48	2.39	CAR-MC
MC	523.87	4.11	MC-MC
HV	527.98	1.52	MC-HV
CAR	529.5	1.53	HV-CAR
MC	531.03	1.38	CAR-MC
COM	532.41	0.6	MC-COM
CAR	533.01	2.07	COM-CAR
MC	535.08	3.35	CAR-MC
CAR	538.43	1.1	MC-CAR
TW	539.53	0.14	CAR-TW
HV	539.67	0.56	TW-HV
CAR	540.23	5.55	HV-CAR
COM	545.78	1.78	CAR-COM
MC	547.56	0.75	COM-MC
TW	548.31	0.32	MC-TW
CAR	548.63	0.38	TW-CAR
MC	549.01	1.49	CAR-MC
TW	550.5	2.05	MC-TW
HV	552.55	2.72	TW-HV
TW	555.27	1.64	HV-TW
CAR	556.91	5.56	TW-CAR
CAR	562.47	3.42	CAR-CAR
HV	565.89	3.95	CAR-HV
COM	569.84	0.85	HV-COM
HV	570.69	1.81	COM-HV
TW	572.5	2.76	HV-TW
CAR	575.26	2.98	TW-CAR
MC	578.24	4.75	CAR-MC
COM	582.99	1.04	MC-COM

COM	296.4	1.38	TW-COM
TW	297.78	1.09	COM-TW
HV	298.87	2.32	TW-HV
TW	301.19	2.06	HV-TW
TW	303.25	4.78	TW-TW
CAR	308.03	3.79	TW-CAR
HV	311.82	1.51	CAR-HV
TW	313.33	2.98	HV-TW
HV	316.31	0.88	TW-HV
TW	317.19	2.39	HV-TW
MC	319.58	1.58	TW-MC
MC	321.16	2.39	MC-MC
TW	323.55	4.12	MC-TW
TW	327.67	1.3	TW-TW
MC	328.97	2.58	TW-MC
COM	331.55	0.23	MC-COM
TW	331.78	1.53	COM-TW
CAR	333.31	2.62	TW-CAR
TW	335.93	2.89	CAR-TW
CAR	338.82	3.36	TW-CAR
TW	342.18	0.84	CAR-TW
MC	343.02	2.62	TW-MC
CAR	345.64	3.98	MC-CAR
HV	349.62	4.04	CAR-HV
CAR	353.66	1.96	HV-CAR
TW	355.62	1.89	CAR-TW
CAR	357.51	1.4	TW-CAR
COM	358.91	1.15	CAR-COM
TW	360.06	0.85	COM-TW
CAR	360.91	4.48	TW-CAR
TW	365.39	1.94	CAR-TW
MC	367.33	1.02	TW-MC
COM	368.35	3.9	MC-COM
MC	372.25	4.3	COM-MC
HV	376.55	1.22	MC-HV
COM	377.77	3.81	HV-COM
CAR	381.58	0.78	COM-CAR
MC	382.36	4.88	CAR-MC
COM	387.24	3.32	MC-COM
MC	390.56	2.55	COM-MC
CAR	393.11	2.81	MC-CAR
HV	395.92	2.94	CAR-HV
CAR	398.86	1.96	HV-CAR
HV	400.82	1.58	CAR-HV
MC	402.4	0.79	HV-MC
MC	403.19	1.48	MC-MC
COM	404.67	2.14	MC-COM
COM	406.81	2.1	COM-COM
CAR	408.91	1.92	COM-CAR
COM	410.83	2.11	CAR-COM
MC	412.94	0.87	COM-MC
TW	413.81	5.31	MC-TW
CAR	419.12	5.17	TW-CAR
COM	424.29	1.01	CAR-COM
MC	425.3	1.29	COM-MC
CAR	426.59	2.23	MC-CAR
MC	428.82	1.48	CAR-MC
HV	430.3	6.21	MC-HV
MC	436.51	1.79	HV-MC
COM	438.3	1.56	MC-COM
CAR	439.86	1.73	COM-CAR
CAR	441.59	0.26	CAR-CAR
MC	441.85	6.65	CAR-MC
CAR	448.5	1.48	MC-CAR
COM	449.98	3.23	CAR-COM
HV	453.21	2.3	COM-HV
COM	455.51	0.97	HV-COM
MC	456.48	0.36	COM-MC
CAR	456.84	1.93	MC-CAR
TW	458.77	0.36	CAR-TW
COM	459.13	1.84	TW-COM
HV	460.97	3.43	COM-HV
CAR	464.4	1.5	HV-CAR
COM	465.9	2.13	CAR-COM
MC	468.03	1.99	COM-MC
CAR	470.02	3.5	MC-CAR
CAR	473.52	3.74	CAR-CAR
COM	477.26	0.39	CAR-COM
TW	477.65	1.51	COM-TW
HV	479.16	2.14	TW-HV
TW	481.3	0.34	HV-TW
COM	481.64	4.19	TW-COM
MC	485.83	5.61	COM-MC
TW	491.44	0.52	MC-TW
CAR	491.96	1.84	TW-CAR
COM	493.8	2.81	CAR-COM
MC	496.61	1.93	COM-MC
MC	498.54	1.13	MC-MC
HV	499.67	1.44	MC-HV
COM	501.11	2.61	HV-COM
MC	503.72	1.22	COM-MC
COM	504.94	1.79	MC-COM
CAR	506.73	2.82	COM-CAR
MC	509.55	1.16	CAR-MC
TW	510.71	8.21	MC-TW
HV	518.92	0.83	TW-HV
MC	519.75	0.48	HV-MC
TW	520.23	1.06	MC-TW
MC	521.29	5.17	TW-MC
COM	526.46	1.99	MC-COM
COM	528.45	2.42	COM-COM
MC	530.87	1.17	COM-MC
TW	532.04	1.86	MC-TW
HV	533.9	3.08	TW-HV
MC	536.98	0.84	HV-MC
COM	537.82	1.51	MC-COM
COM	539.33	0.56	COM-COM
CAR	539.89	2.32	COM-CAR
CAR	542.21	2.4	CAR-CAR
MC	544.61	4.88	CAR-MC
MC	549.49	1.07	MC-MC
COM	550.56	2.47	MC-COM
HV	553.03	0.31	COM-HV
CAR	553.34	1.41	HV-CAR
TW	554.75	2.07	CAR-TW
CAR	556.82	7.04	TW-CAR
HV	563.86	0.27	CAR-HV
HV	564.13	1.02	HV-HV
TW	565.15	0.51	HV-TW
COM	565.66	0.25	TW-COM
MC	565.91	0.71	COM-MC
TW	566.62	0.58	MC-TW
MC	567.2	0.48	TW-MC
TW	567.68	2.61	MC-TW
HV	570.29	0.56	TW-HV
MC	570.85	5.12	HV-MC
COM	575.97	2.64	MC-COM
MC	578.61	4.37	COM-MC
COM	582.98	3.35	MC-COM
CAR	586.33	4.12	COM-CAR
TW	590.45	1.09	CAR-TW
TW	591.54	4.21	TW-TW
TW	595.75	5.03	TW-TW
TW	600.78	1.98	TW-TW
MC	602.76	3.15	TW-MC
MC	605.91	0.43	MC-MC
MC	606.34	3.38	MC-MC
HV	609.72	0.64	MC-HV
HV	610.36	0.9	HV-HV
HV	611.26	3.31	HV-HV
CAR	614.57	2.41	HV-CAR
HV	616.98	3.03	CAR-HV
HV	620.01	2.57	HV-HV
MC	622.58	1.39	HV-MC
TW	623.97	3.87	MC-TW
COM	627.84	3.38	TW-COM
TW	631.22	1.2	COM-TW
COM	632.42	0.82	TW-COM
COM	633.24	3.06	COM-COM
HV	636.3	2.1	COM-HV

TW	307.95	2.67	MC-TW
TW	310.62	0.65	TW-TW
MC	311.27	2.63	TW-MC
COM	313.9	2.86	MC-COM
CAR	316.76	2.86	COM-CAR
COM	319.62	8.3	CAR-COM
COM	327.92	0.78	COM-COM
CAR	328.7	5.75	COM-CAR
MC	334.45	2.97	CAR-MC
MC	337.42	0.96	MC-MC
MC	338.38	2.67	MC-MC
COM	341.05	2.66	MC-COM
HV	343.71	2.91	COM-HV
HV	346.62	0.46	HV-HV
TW	347.08	0.54	HV-TW
TW	347.62	4.3	TW-TW
TW	351.92	1.61	TW-TW
HV	353.53	2.28	TW-HV
COM	355.81	0.93	HV-COM
CAR	356.74	1.78	COM-CAR
HV	358.52	1.49	CAR-HV
TW	360.01	3.06	HV-TW
TW	363.07	0.27	TW-TW
MC	363.34	1.53	TW-MC
COM	364.87	1.48	MC-COM
CAR	366.35	1.4	COM-CAR
HV	367.75	2.12	CAR-HV
CAR	369.87	6.28	HV-CAR
HV	376.15	0.18	CAR-HV
TW	376.33	1.61	HV-TW
TW	377.94	1.72	TW-TW
CAR	379.66	4.04	TW-CAR
HV	383.7	2.35	CAR-HV
CAR	386.05	0.99	HV-CAR
HV	387.04	3.71	CAR-HV
COM	390.75	1.79	HV-COM
COM	392.54	0.69	COM-COM
HV	393.23	1.23	COM-HV
HV	394.46	1.1	HV-HV
COM	395.56	2.09	HV-COM
CAR	397.65	7.85	COM-CAR
HV	405.5	1.61	CAR-HV
TW	407.11	2.47	HV-TW
COM	409.58	1.08	TW-COM
MC	410.66	1.67	COM-MC
HV	412.33	2.12	MC-HV
TW	414.45	0.82	HV-TW
MC	415.27	2.5	TW-MC
HV	417.77	2.26	MC-HV
HV	420.03	1.26	HV-HV
HV	421.29	0.65	HV-HV
TW	421.94	0.28	HV-TW
MC	422.22	1.25	TW-MC
MC	423.47	0.71	MC-MC
TW	424.18	0.83	MC-TW
CAR	425.01	0.87	TW-CAR
CAR	425.88	5.43	CAR-CAR
CAR	431.31	2.36	CAR-CAR
COM	433.67	0.99	CAR-COM
MC	434.66	2.87	COM-MC
COM	437.53	1.63	MC-COM
TW	439.16	0.94	COM-TW
COM	440.1	1.29	TW-COM
COM	441.39	0.39	COM-COM
MC	441.78	1.31	COM-MC
TW	443.09	2.68	MC-TW
TW	445.77	0.97	TW-TW
MC	446.74	0.5	TW-MC
COM	447.24	2.03	MC-COM
MC	449.27	1.86	COM-MC
TW	451.13	2.04	MC-TW
COM	453.17	1.59	TW-COM
TW	454.76	0.27	COM-TW
CAR	455.03	1.48	TW-CAR
COM	456.51	4.12	CAR-COM
TW	460.63	1.52	COM-TW
CAR	462.15	3.75	TW-CAR
TW	465.9	0.45	CAR-TW
COM	466.35	1.31	TW-COM
COM	467.66	0.94	COM-COM
CAR	468.6	2.19	COM-CAR
CAR	470.79	2.09	CAR-CAR
MC	472.88	7.08	CAR-MC
TW	479.96	2.57	MC-TW
TW	482.53	3.65	TW-TW
MC	486.18	2.48	TW-MC
HV	488.66	1.22	MC-HV
TW	489.88	1.1	HV-TW
HV	490.98	1.87	TW-HV
MC	492.85	1.32	HV-MC
TW	494.17	2.8	MC-TW
COM	496.97	4.88	TW-COM
COM	501.85	0.13	COM-COM
MC	501.98	5.59	COM-MC
TW	507.57	1.57	MC-TW
MC	509.14	0.68	TW-MC
TW	509.82	0.17	MC-TW
TW	509.99	1.25	TW-TW
COM	511.24	4.87	TW-COM
COM	516.11	2.31	COM-COM
TW	518.42	1.41	COM-TW
CAR	519.83	0.96	TW-CAR
COM	520.79	0.2	CAR-COM
HV	520.99	3.98	COM-HV
CAR	524.97	1.89	HV-CAR
TW	526.86	0.71	CAR-TW
HV	527.57	1.74	TW-HV
HV	529.31	1.7	HV-HV
MC	531.01	3.25	HV-MC
CAR	534.26	0.57	MC-CAR
HV	534.83	2.34	CAR-HV
CAR	537.17	1.07	HV-CAR
CAR	538.24	1.69	CAR-CAR
COM	539.93	3.17	CAR-COM
CAR	543.1	4.91	COM-CAR
COM	548.01	2.77	CAR-COM
CAR	550.78	1.06	COM-CAR
HV	551.84	2.21	CAR-HV
MC	554.05	0.34	HV-MC
MC	554.39	1.72	MC-MC
CAR	556.11	1.32	MC-CAR
TW	557.43	1.98	CAR-TW
HV	559.41	0.57	TW-HV
HV	559.98	1.6	HV-HV
TW	561.58	4.06	HV-TW
CAR	565.64	0.35	TW-CAR
MC	565.99	3.28	CAR-MC
HV	569.27	1.73	MC-HV
COM	571	5.25	HV-COM
CAR	576.25	2.6	COM-CAR
CAR	578.85	1.64	CAR-CAR
COM	580.49	2.78	CAR-COM
MC	583.27	1.91	COM-MC
MC	585.18	2.06	MC-MC
MC	587.24	2.47	MC-MC
HV	589.71	2.56	MC-HV
COM	592.27	2.8	HV-COM
HV	595.07	1.45	COM-HV
CAR	596.52	1.87	HV-CAR
MC	598.39	0.07	CAR-MC
COM	598.46	2.14	MC-COM
TW	600.6	1.3	COM-TW
MC	601.9	2.49	TW-MC
TW	604.39	0.14	MC-TW
MC	604.53	0.95	TW-MC
TW	605.48	0.85	MC-TW
HV	606.33	2.54	TW-HV
HV	608.87	2.69	HV-HV
COM	611.56	0.12	HV-COM
CAR	611.68	2.42	COM-CAR

TW	584.03	2.16	COM-TW
TW	586.19	1.84	TW-TW
TW	588.03	3.02	TW-TW
MC	591.05	1.83	TW-MC
COM	592.88	1.3	MC-COM
CAR	594.18	5.6	COM-CAR
MC	599.78	6.48	CAR-MC
HV	606.26	0.9	MC-HV
HV	607.16	2.45	HV-HV
TW	609.61	2.03	HV-TW
TW	611.64	2.04	TW-TW
COM	613.68	0.19	TW-COM
COM	613.87	1.77	COM-COM
TW	615.64	1.98	COM-TW
HV	617.62	1.06	TW-HV
MC	618.68	0.37	HV-MC
TW	619.05	2.64	MC-TW
CAR	621.69	4.94	TW-CAR
MC	626.63	0.96	CAR-MC
HV	627.59	3.25	MC-HV
MC	630.84	1.01	HV-MC
TW	631.85	2.65	MC-TW
COM	634.5	3.26	TW-COM
CAR	637.76	2.28	COM-CAR
TW	640.04	2.14	CAR-TW
CAR	642.18	2.28	TW-CAR
COM	644.46	0.61	CAR-COM
TW	645.07	1.45	COM-TW
HV	646.52	2	TW-HV
HV	648.52	4.07	HV-HV
TW	652.59	2	HV-TW
TW	654.59	1.62	TW-TW
MC	656.21	7.16	TW-MC
COM	663.37	5.08	MC-COM
MC	668.45	2.91	COM-MC
TW	671.36	2.38	MC-TW
CAR	673.74	2.82	TW-CAR
HV	676.56	0.42	CAR-HV
MC	676.98	1.69	HV-MC
TW	678.67	1.36	MC-TW
MC	680.03	1.97	TW-MC
MC	682	1.6	MC-MC
CAR	683.6	1.11	MC-CAR
COM	684.71	3.63	CAR-COM
CAR	688.34	6.39	COM-CAR
HV	694.73	2.19	CAR-HV
MC	696.92	0.46	HV-MC
HV	697.38	2.56	MC-HV
MC	699.94	1.49	HV-MC
COM	701.43	0.98	MC-COM
MC	702.41	3.16	COM-MC
MC	705.57	1.59	MC-MC
TW	707.16	0.89	MC-TW
MC	708.05	0.39	TW-MC
CAR	708.44	1.73	MC-CAR
HV	710.17	0.84	CAR-HV
TW	711.01	0.65	HV-TW
COM	711.66	1.22	TW-COM
CAR	712.88	1.27	COM-CAR
MC	714.15	5.72	CAR-MC
HV	719.87	0.26	MC-HV
HV	720.13	2.38	HV-HV
HV	722.51	1.02	HV-HV
MC	723.53	2.65	HV-MC
MC	726.18	1.36	MC-MC
HV	727.54	0.19	MC-HV
HV	727.73	2.53	HV-HV
COM	730.26	1.29	HV-COM
COM	731.55	1.63	COM-COM
HV	733.18	1.29	COM-HV
MC	734.47	0.21	HV-MC
TW	734.68	8.6	MC-TW
MC	743.28	1.17	TW-MC
TW	744.45	4.39	MC-TW
CAR	748.84	1.1	TW-CAR
TW	749.94	0.14	CAR-TW
COM	750.08	3.06	TW-COM
MC	753.14	1.09	COM-MC
COM	754.23	3.4	MC-COM
COM	757.63	3.47	COM-COM
COM	761.1	0.11	COM-COM
HV	761.21	1.08	COM-HV
HV	762.29	2.21	HV-HV
TW	764.5	2.4	HV-TW
COM	766.9	2.54	TW-COM
COM	769.44	0.99	COM-COM
HV	770.43	0.17	COM-HV
COM	770.6	0.67	HV-COM
MC	771.27	2.94	COM-MC
CAR	774.21	1.13	MC-CAR
CAR	775.34	1.71	CAR-CAR
TW	777.05	0.67	CAR-TW
MC	777.72	4.15	TW-MC
COM	781.87	0.84	MC-COM
COM	782.71	3.16	COM-COM
TW	785.87	1.52	COM-TW
CAR	787.39	1.27	TW-CAR
COM	788.66	2.47	CAR-COM
COM	791.13	0.51	COM-COM
COM	791.64	1.82	COM-COM
HV	793.46	1.24	COM-HV
HV	794.7	1.06	HV-HV
COM	795.76	2.69	HV-COM
MC	798.45	0.81	COM-MC
HV	799.26	1.35	MC-HV
MC	800.61	0.96	HV-MC
CAR	801.57	1.13	MC-CAR
TW	802.7	2.26	CAR-TW
COM	804.96	2.76	TW-COM
CAR	807.72	1.94	COM-CAR
COM	809.66	1.43	CAR-COM
CAR	811.09	2.22	COM-CAR
CAR	813.31	2.78	CAR-CAR
TW	816.09	3.42	CAR-TW
TW	819.51	2.81	TW-TW
MC	822.32	2.71	TW-MC
TW	825.03	2.34	MC-TW
HV	827.37	1.9	TW-HV
TW	829.27	1.39	HV-TW
MC	830.66	0.64	TW-MC
CAR	831.3	0.78	MC-CAR
MC	832.08	1.71	CAR-MC
CAR	833.79	4.52	MC-CAR
HV	838.31	0.89	CAR-HV
HV	839.2	1.09	HV-HV
CAR	840.29	3.71	HV-CAR
COM	844	1.01	CAR-COM
COM	845.01	5.31	COM-COM
MC	850.32	2.76	COM-MC
CAR	853.08	3.97	MC-CAR
HV	857.05	2.18	CAR-HV
COM	859.23	2.5	HV-COM
CAR	861.73	4.93	COM-CAR
TW	866.66	2.8	CAR-TW
HV	869.46	1.87	TW-HV
MC	871.33	2.68	HV-MC
COM	874.01	2.66	MC-COM
TW	876.67	1.82	COM-TW
COM	878.49	1.32	TW-COM
MC	879.81	0.38	COM-MC
HV	880.19	1.55	MC-HV
HV	881.74	1.32	HV-HV
CAR	883.06	1.68	HV-CAR
COM	884.74	3.33	CAR-COM
CAR	888.07	0.65	COM-CAR
COM	888.72	3.13	CAR-COM
CAR	891.85	1.21	COM-CAR
CAR	893.06	1.19	CAR-CAR
COM	894.25	1.16	CAR-COM
COM	895.41		COM-COM

CAR	638.4	2.79	HV-CAR
CAR	641.19	7.91	CAR-CAR
TW	649.1	1.89	CAR-TW
MC	650.99	1.37	TW-MC
COM	652.36	1.22	MC-COM
COM	653.58	2.84	COM-COM
CAR	656.42	0.23	COM-CAR
HV	656.65	0.27	CAR-HV
COM	656.92	2.04	HV-COM
CAR	658.96	1.32	COM-CAR
CAR	660.28	0.32	CAR-CAR
COM	660.6	2.03	CAR-COM
TW	662.63	3.11	COM-TW
CAR	665.74	0.98	TW-CAR
MC	666.72	1.4	CAR-MC
CAR	668.12	0.25	MC-CAR
TW	668.37	2.36	CAR-TW
TW	670.73	5.31	TW-TW
MC	676.04	2.85	TW-MC
CAR	678.89	2.62	MC-CAR
HV	681.51	3.03	CAR-HV
COM	684.54	2.47	HV-COM
MC	687.01	2.06	COM-MC
CAR	689.07	0.93	MC-CAR
TW	690	3.95	CAR-TW
CAR	693.95	1.88	TW-CAR
COM	695.83	5.69	CAR-COM
CAR	701.52	0.57	COM-CAR
CAR	702.09	2.78	CAR-CAR
MC	704.87	2.23	CAR-MC
COM	707.1	2.97	MC-COM
HV	710.07	2.63	COM-HV
HV	712.7	0.67	HV-HV
HV	713.37	1.23	HV-HV
MC	714.6	3.08	HV-MC
COM	717.68	4.66	MC-COM
COM	722.34	1.44	COM-COM
TW	723.78	5.35	COM-TW
MC	729.13	1.02	TW-MC
COM	730.15	1.13	MC-COM
TW	731.28	2.13	COM-TW
CAR	733.41	0.87	TW-CAR
TW	734.28	1.33	CAR-TW
HV	735.61	2.83	TW-HV
MC	738.44	2.24	HV-MC
HV	740.68	0.94	MC-HV
HV	741.62	3.28	HV-HV
HV	744.9	2.8	HV-HV
CAR	747.7	4.74	HV-CAR
COM	752.44	0.69	CAR-COM
MC	753.13	1.33	COM-MC
TW	754.46	1.08	MC-TW
COM	755.54	0.73	TW-COM
TW	756.27	2.18	COM-TW
CAR	758.45	1.62	TW-CAR
COM	760.07	1.37	CAR-COM
CAR	761.44	2.2	COM-CAR
MC	763.64	11.42	CAR-MC
CAR	775.06	2.29	MC-CAR
TW	777.35	3.35	CAR-TW
COM	780.7	0.18	TW-COM
COM	780.88	3.77	COM-COM
COM	784.65	2.32	COM-COM
COM	786.97	2.57	COM-COM
CAR	789.54	1.49	COM-CAR
TW	791.03	0.67	CAR-TW
HV	791.7	2.26	TW-HV
HV	793.96	2.23	HV-HV
TW	796.19	0.89	HV-TW
CAR	797.08	3.51	TW-CAR
CAR	800.59	1.17	CAR-CAR
TW	801.76	2.05	CAR-TW
COM	803.81	4.41	TW-COM
TW	808.22	1.69	COM-TW
CAR	809.91	0.28	TW-CAR
TW	810.19	1.06	CAR-TW
MC	811.25	0.69	TW-MC
COM	811.94	3.91	MC-COM
COM	815.85	2.71	COM-COM
COM	818.56	1.88	COM-COM
MC	820.44	2.14	COM-MC
COM	822.58	1.95	MC-COM
CAR	824.53	1.73	COM-CAR
TW	826.26	1.51	CAR-TW
MC	827.77	6.68	TW-MC
TW	834.45	1.61	MC-TW
MC	836.06	2.12	TW-MC
COM	838.18	2.52	MC-COM
COM	840.7	0.78	COM-COM
HV	841.48	0.73	COM-HV
HV	842.21	2.41	HV-HV
HV	844.62	5.04	HV-HV
HV	849.66	1.68	HV-HV
COM	851.34	6.11	HV-COM
CAR	857.45	3.47	COM-CAR
COM	860.92	4.07	CAR-COM
COM	864.99	0.61	COM-COM
TW	865.6	2.56	COM-TW
CAR	868.16	3.25	TW-CAR
MC	871.41	1.57	CAR-MC
COM	872.98	1.23	MC-COM
CAR	874.21	0.86	COM-CAR
HV	875.07	1.25	CAR-HV
COM	876.32	5.2	HV-COM
COM	881.52		COM-COM

COM	614.1	0.42	CAR-COM
HV	614.52	6.9	COM-HV
COM	621.42	2.44	HV-COM
HV	623.86	1.2	COM-HV
TW	625.06	1.73	HV-TW
CAR	626.79	0.83	TW-CAR
HV	627.62	0.59	CAR-HV
TW	628.21	0.46	HV-TW
COM	628.67	4.41	TW-COM
CAR	633.08	3.8	COM-CAR
CAR	636.88	3.1	CAR-CAR
MC	639.98	0.78	CAR-MC
COM	640.76	1.2	MC-COM
COM	641.96	1.01	COM-COM
CAR	642.97	1.16	COM-CAR
TW	644.13	1.37	CAR-TW
HV	645.5	2.37	TW-HV
CAR	647.87	2.09	HV-CAR
CAR	649.96	1.88	CAR-CAR
COM	651.84	1.93	CAR-COM
MC	653.77	0.56	COM-MC
MC	654.33	0.42	MC-MC
HV	654.75	0.67	MC-HV
CAR	655.42	0.67	HV-CAR
CAR	656.09	1.15	CAR-CAR
HV	657.24	2.45	CAR-HV
HV	659.69	2.01	HV-HV
COM	661.7	2.38	HV-COM
COM	664.08	1.12	COM-COM
CAR	665.2	5.35	COM-CAR
MC	670.55	2.68	CAR-MC
TW	673.23	1.78	MC-TW
MC	675.01	3.51	TW-MC
HV	678.52	1.37	MC-HV
TW	679.89	2.67	HV-TW
COM	682.56	0.59	TW-COM
HV	683.15	0.7	COM-HV
COM	683.85	2.08	HV-COM
HV	685.93	0.67	COM-HV
CAR	686.6	0.62	HV-CAR
MC	687.22	2.63	CAR-MC
HV	689.85	2.61	MC-HV
TW	692.46	0.24	HV-TW
TW	692.7	2.7	TW-TW
COM	695.4	1.08	TW-COM
TW	696.48	0.6	COM-TW
COM	697.08	1.84	TW-COM
TW	698.92	2.16	COM-TW
TW	701.08	4.22	TW-TW
HV	705.3	1.66	TW-HV
TW	706.96	1.15	HV-TW
MC	708.11	2.08	TW-MC
TW	710.19	3.59	MC-TW
CAR	713.78	1.31	TW-CAR
CAR	715.09	2.9	CAR-CAR
TW	717.99	1.29	CAR-TW
COM	719.28	1.21	TW-COM
TW	720.49	2.68	COM-TW
COM	723.17	1.27	TW-COM
HV	724.44	2.62	COM-HV
MC	727.06	3.48	HV-MC
CAR	730.54	0.36	MC-CAR
TW	730.9	4.42	CAR-TW
TW	735.32	2.18	TW-TW
HV	737.5	3.48	TW-HV
MC	740.98	1	HV-MC
CAR	741.98	2.51	MC-CAR
COM	744.49	2.89	CAR-COM
TW	747.38	1.23	COM-TW
HV	748.61	2.99	TW-HV
HV	751.6	1.56	HV-HV
COM	753.16	1.42	HV-COM
HV	754.58	1.66	COM-HV
MC	756.24	0.81	HV-MC
MC	757.05	0.43	MC-MC
CAR	757.48	1.83	MC-CAR
COM	759.31	0.47	CAR-COM
MC	759.78	5.01	COM-MC
CAR	764.79	1.03	MC-CAR
MC	765.82	0.53	CAR-MC
CAR	766.35	1.39	MC-CAR
MC	767.74	1.61	CAR-MC
MC	769.35	2.81	MC-MC
MC	772.16	2.12	MC-MC
COM	774.28	1.92	MC-COM
HV	776.2	2.16	COM-HV
CAR	778.36	1.09	HV-CAR
COM	779.45	2.8	CAR-COM
CAR	782.25	2.57	COM-CAR
CAR	784.82	2.09	CAR-CAR
COM	786.91	4.69	CAR-COM
CAR	791.6	1.38	COM-CAR
COM	792.98	2.55	CAR-COM
TW	795.53	0.8	COM-TW
COM	796.33	0.36	TW-COM
MC	796.69	2.73	COM-MC
MC	799.42	2.14	MC-MC
COM	801.56	2.46	MC-COM
CAR	804.02	1.94	COM-CAR
HV	805.96	1.42	CAR-HV
MC	807.38	2.46	HV-MC
MC	809.84	1.25	MC-MC
COM	811.09	0.83	MC-COM
CAR	811.92	0.83	COM-CAR
HV	812.75	1.17	CAR-HV
CAR	813.92	0.43	HV-CAR
CAR	814.35	4.5	CAR-CAR
MC	818.85	0.64	CAR-MC
COM	819.49	0.6	MC-COM
HV	820.09	0.44	COM-HV
COM	820.53	0.24	HV-COM
MC	820.77	1.3	COM-MC
CAR	822.07	3.38	MC-CAR
TW	825.45	2.64	CAR-TW
HV	828.09	1.58	TW-HV
MC	829.67	2.06	HV-MC
COM	831.73	3.97	MC-COM
TW	835.7	3.23	COM-TW
TW	838.93	1.36	TW-TW
HV	840.29	0.08	TW-HV
TW	840.37	4.46	HV-TW
MC	844.83	1.55	TW-MC
MC	846.38	2.49	MC-MC
TW	848.87	0.43	MC-TW
CAR	849.3	1.17	TW-CAR
HV	850.47	2.8	CAR-HV
TW	853.27	3.04	HV-TW
MC	856.31	1.47	TW-MC
TW	857.78	1.92	MC-TW
TW	859.7	1.23	TW-TW
CAR	860.93	0.82	TW-CAR
COM	861.75	1.81	CAR-COM
HV	863.56	3.65	COM-HV
CAR	867.21	1.1	HV-CAR
COM	868.31	0.92	CAR-COM
MC	869.23	1.26	COM-MC
COM	870.49	0.74	MC-COM
CAR	871.23	1.7	COM-CAR
MC	872.93	0.42	CAR-MC
CAR	873.35	1.01	MC-CAR
CAR	874.36	0.83	CAR-CAR
MC	875.19	2.62	CAR-MC
COM	877.81	1.91	MC-COM
CAR	879.72	2.18	COM-CAR
MC	881.9	2.21	CAR-MC
COM	884.11	0.75	MC-COM
MC	884.86		COM-MC

ANNEX - 3 - Time Headway Data > 1200 Veh/hr Flow Range

Road Name	Marine drive Road	Vehicle summary	
From	Kollupitiya	MC	68
To	Dehiwala	TW	94
Side	LHS	CAR	104
Lane	Inner	COM	82
Video name	9450	HV	99
Time started	5:00 PM	SUM	447
Time finished	5:15 PM		
Traffic count (15Min)	447	Veh	
Traffic flow rate	1788	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	1.2	
COM	1.2	1.22	CAR-COM
MC	2.42	1.39	COM-MC
TW	3.81	0.66	MC-TW
TW	4.47	1.98	TW-TW
COM	6.45	3.69	TW-COM
COM	10.14	1.64	COM-COM
HV	11.78	1.14	COM-HV
CAR	12.92	2.38	HV-CAR
COM	15.3	9	CAR-COM
TW	24.3	0.65	COM-TW
TW	24.95	1.72	TW-TW
HV	26.67	1.85	TW-HV
MC	28.52	0.84	HV-MC
CAR	29.36	6.54	MC-CAR
HV	35.9	4.02	CAR-HV
CAR	39.92	1.55	HV-CAR
HV	41.47	0.22	CAR-HV
MC	41.69	3.77	HV-MC
HV	45.46	1.26	MC-HV
HV	46.72	2.01	HV-HV
CAR	48.73	1.46	HV-CAR
MC	50.19	1.57	CAR-MC
HV	51.76	3.79	MC-HV
COM	55.55	1.15	HV-COM
CAR	56.7	0.54	COM-CAR
CAR	57.24	1.71	CAR-CAR
CAR	58.95	0.64	CAR-CAR
HV	59.59	0.26	CAR-HV
HV	59.85	2.57	HV-HV
TW	62.42	1.27	HV-TW
HV	63.69	0.93	TW-HV
HV	64.62	1.1	HV-HV
HV	65.72	0.74	HV-HV
CAR	66.46	0.14	HV-CAR
MC	66.6	1.71	CAR-MC
COM	68.31	2.96	MC-COM
CAR	71.27	0.79	COM-CAR
HV	72.06	3.52	CAR-HV
TW	75.58	1.51	HV-TW
TW	77.09	2.74	TW-TW
CAR	79.83	1.1	TW-CAR
HV	80.93	0.6	CAR-HV
COM	81.53	3.8	HV-COM
CAR	85.33	2.59	COM-CAR
MC	87.92	3	CAR-MC
CAR	90.92	1.7	MC-CAR
HV	92.62	0.51	CAR-HV
CAR	93.13	0.88	HV-CAR
HV	94.01	1.76	CAR-HV
HV	95.77	2.28	HV-HV
MC	98.05	1.48	HV-MC
COM	99.53	2.14	MC-COM
COM	101.67	1.43	COM-COM
HV	103.1	0.2	COM-HV
TW	103.3	1.17	HV-TW
COM	104.47	0.75	TW-COM
MC	105.22	1.94	COM-MC
TW	107.16	2.26	MC-TW
COM	109.42	5.15	TW-COM
TW	114.57	0.91	COM-TW
CAR	115.48	1.56	TW-CAR
MC	117.04	0.7	CAR-MC
HV	117.74	2.49	MC-HV
COM	120.23	0.83	HV-COM
HV	121.06	1.1	COM-HV
HV	122.16	1.86	HV-HV
CAR	124.02	3.48	HV-CAR
CAR	127.5	1.95	CAR-CAR
HV	129.45	1.14	CAR-HV
MC	130.59	0.79	HV-MC
MC	131.38	2.52	MC-MC
HV	133.9	2.85	MC-HV
HV	136.75	1.87	HV-HV
CAR	138.62	2.85	HV-CAR
TW	141.47	2.18	CAR-TW
MC	143.65	1.45	TW-MC
TW	145.1	1.94	MC-TW
CAR	147.04	4.73	TW-CAR
COM	151.77	0.12	CAR-COM
TW	151.89	3.57	COM-TW
MC	155.46	2.62	TW-MC
COM	158.08	3.32	MC-COM
CAR	161.4	5.67	COM-CAR
CAR	167.07	0.91	CAR-CAR
MC	167.98	0.78	CAR-MC
HV	168.76	1.19	MC-HV
TW	169.95	0.63	HV-TW
CAR	170.58	1.5	TW-CAR
MC	172.08	2.56	CAR-MC
MC	174.64	2.15	MC-MC
CAR	176.79	1.37	MC-CAR
CAR	178.16	1.07	CAR-CAR
TW	179.23	0.41	CAR-TW
COM	179.64	1.7	TW-COM
TW	181.34	2.18	COM-TW
COM	183.52	2	TW-COM
HV	185.52	2.32	COM-HV
CAR	187.84	1.82	HV-CAR
MC	189.66	1.64	CAR-MC
COM	191.3	4.32	MC-COM
TW	195.62	0.59	COM-TW
COM	196.21	2.7	TW-COM
CAR	198.91	2.99	COM-CAR
CAR	201.9	1.94	CAR-CAR
TW	203.84	2.06	CAR-TW
CAR	205.9	2.74	TW-CAR
HV	208.64	3.77	CAR-HV
MC	212.41	0.54	HV-MC
COM	212.95	0.66	MC-COM
COM	213.61	2.27	COM-COM
COM	215.88	1.65	COM-COM
COM	217.53	3.24	COM-COM
TW	220.77	1.4	COM-TW
TW	222.17	1.64	TW-TW
CAR	223.81	4.11	TW-CAR
HV	227.92	2.32	CAR-HV
CAR	230.24	2.35	HV-CAR
COM	232.59	4.88	CAR-COM
TW	237.47	2.38	COM-TW
COM	239.85	2.46	TW-COM
MC	242.31	0.41	COM-MC
COM	242.72	0.53	MC-COM
COM	243.25	0.64	COM-COM
MC	243.89	0.4	COM-MC
HV	244.29	1.94	MC-HV
MC	246.23	1.25	HV-MC
CAR	247.48	0.65	MC-CAR
HV	248.13	2.71	CAR-HV
TW	250.84	0.85	HV-TW
TW	251.69	1.79	TW-TW
TW	253.48	1.48	TW-TW
MC	254.96	0.85	TW-MC
HV	255.81	1.58	MC-HV
MC	257.39	1.03	HV-MC
HV	258.42	1.11	MC-HV
MC	259.53	3.83	HV-MC
TW	263.36	0.86	MC-TW

Road Name	AB-042 Road	Vehicle summary	
From	Gatabe	MC	82
To	Kandy	TW	88
Side	RHS	CAR	84
Lane	Inner	COM	77
Video name	9900	HV	74
Time started	7:45 AM	SUM	405
Time finished	8:00 AM		
Traffic count (15Min)	405	Veh	
Traffic flow rate	1620	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
TW	0	1.37	
CAR	1.37	1.54	TW-CAR
HV	2.91	2.07	CAR-HV
TW	4.98	8.82	HV-TW
MC	13.8	0.29	TW-MC
MC	14.09	4	MC-MC
MC	18.09	2.29	MC-MC
HV	20.38	1.04	MC-HV
COM	21.42	3.96	HV-COM
COM	25.38	3.22	COM-COM
TW	28.6	1.01	COM-TW
HV	29.61	2.33	TW-HV
HV	31.94	0.57	HV-HV
HV	32.51	0.93	HV-HV
CAR	33.44	1.6	HV-CAR
COM	35.04	1.24	CAR-COM
COM	36.28	1.95	COM-COM
MC	38.23	0.71	COM-MC
HV	38.94	2.1	MC-HV
MC	41.04	1.64	HV-MC
MC	42.68	2.82	MC-MC
TW	45.5	0.34	MC-TW
COM	45.84	0.55	TW-COM
COM	46.39	1.71	COM-COM
CAR	48.1	0.94	COM-CAR
MC	49.04	0.8	CAR-MC
MC	49.84	5.88	MC-MC
HV	55.72	3.84	MC-HV
CAR	59.56	1.81	HV-CAR
TW	61.37	2.29	CAR-TW
TW	63.66	1.24	TW-TW
COM	64.9	2.93	TW-COM
CAR	67.83	1.19	COM-CAR
CAR	69.02	2.78	CAR-CAR
COM	71.8	6.36	CAR-COM
COM	78.16	5.2	COM-COM
TW	83.36	0.52	COM-TW
MC	83.88	4.21	TW-MC
CAR	88.09	0.23	MC-CAR
MC	88.32	2.55	CAR-MC
TW	90.87	1.05	MC-TW
CAR	91.92	1.92	TW-CAR
HV	93.84	1.23	CAR-HV
HV	95.07	2.56	HV-HV
MC	97.63	1.1	HV-MC
CAR	98.73	0.18	MC-CAR
HV	98.91	1.67	CAR-HV
CAR	100.58	0.89	HV-CAR
CAR	101.47	2.41	CAR-CAR
CAR	103.88	3.32	CAR-CAR
MC	107.2	1.22	CAR-MC
HV	108.42	1.81	MC-HV
MC	110.23	4.03	HV-MC
CAR	114.26	2.36	MC-CAR
HV	116.62	0.98	CAR-HV
MC	117.6	3.06	HV-MC
CAR	120.66	2.26	MC-CAR
CAR	122.92	2.69	CAR-CAR
MC	125.61	2.57	CAR-MC
TW	128.18	4.12	MC-TW
HV	132.3	0.61	TW-HV
HV	132.91	0.6	HV-HV
MC	133.51	0.87	HV-MC
MC	134.38	3.99	MC-MC
COM	138.37	3.33	MC-COM
COM	141.7	0.14	COM-COM
MC	141.84	0.41	COM-MC
COM	142.25	0.79	MC-COM
CAR	143.04	0.44	COM-CAR
HV	143.48	0.42	CAR-HV
MC	143.9	1.57	HV-MC
CAR	145.47	2.55	MC-CAR
TW	148.02	1.73	CAR-TW
CAR	149.75	1.85	TW-CAR
CAR	151.6	0.68	CAR-CAR
CAR	152.28	2.84	CAR-CAR
MC	155.12	6.22	CAR-MC
HV	161.34	0.7	MC-HV
CAR	162.04	1.19	HV-CAR
COM	163.23	3.18	CAR-COM
TW	166.41	6.88	COM-TW
CAR	173.29	1.72	TW-CAR
TW	175.01	1.95	CAR-TW
COM	176.96	8.7	TW-COM
MC	185.66	1.44	COM-MC
MC	187.1	3.05	MC-MC
MC	190.15	2.64	MC-MC
MC	192.79	4.1	MC-MC
HV	196.89	2.14	MC-HV
TW	199.03	6.49	HV-TW
MC	205.52	1.23	TW-MC
HV	206.75	2.11	MC-HV
CAR	208.86	5.62	HV-CAR
MC	214.48	0.56	CAR-MC
HV	215.04	1.45	MC-HV
HV	216.49	1.98	HV-HV
TW	218.47	1.69	HV-TW
TW	220.16	3.97	TW-TW
HV	224.13	2.82	TW-HV
HV	226.95	0.49	HV-HV
CAR	227.44	1.85	HV-CAR
HV	229.29	4.09	CAR-HV
COM	233.38	2.67	HV-COM
CAR	236.05	3.04	COM-CAR
MC	239.09	1.79	CAR-MC
CAR	240.88	0.8	MC-CAR
CAR	241.68	1.14	CAR-CAR
MC	242.82	1.58	CAR-MC
MC	244.4	1.08	MC-MC
CAR	245.48	0.68	MC-CAR
COM	246.16	1.04	CAR-COM
COM	247.2	0.66	COM-COM
MC	247.86	1.34	COM-MC
COM	249.2	1.02	MC-COM
COM	250.22	1.42	COM-COM
HV	251.64	2.79	COM-HV
HV	254.43	2.56	HV-HV
CAR	256.99	2	HV-CAR
COM	258.99	5.35	CAR-COM
CAR	264.34	0.66	COM-CAR
TW	265	2.81	CAR-TW
COM	267.81	0.55	TW-COM
TW	268.36	2.38	COM-TW
COM	270.74	2.02	TW-COM
MC	272.76	3.08	COM-MC
COM	275.84	2.51	MC-COM
HV	278.35	1.18	COM-HV
MC	279.53	4.82	HV-MC
COM	284.35	0.99	MC-COM
HV	285.34	0.38	COM-HV
COM	285.72	1.62	HV-COM
TW	287.34	1.91	COM-TW
COM	289.25	3.13	TW-COM
TW	292.38	0.98	COM-TW
CAR	293.36	1.84	TW-CAR
MC	295.2	1.22	CAR-MC
CAR	296.42	3.31	MC-CAR
MC	299.73	6.49	CAR-MC

Road Name	AB-042 Road	Vehicle summary	
From	Gatabe	MC	72
To	Kandy	TW	84
Side	RHS	CAR	78
Lane	Inner	COM	73
Video name	10350	HV	92
Time started	8:00 AM	SUM	399
Time finished	8:15 AM		
Traffic count (15Min)	399	Veh	
Traffic flow rate	1596	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
HV	0	1.89	
TW	1.89	1.2	HV-TW
COM	3.09	0.25	TW-COM
CAR	3.34	2.47	COM-CAR
COM	5.81	2.73	CAR-COM
TW	8.54	0.84	COM-TW
HV	9.38	3.39	TW-HV
CAR	12.77	2.42	HV-CAR
MC	15.19	3.2	CAR-MC
HV	18.39	1.17	MC-HV
HV	19.56	5.03	HV-HV
MC	24.59	2.56	HV-MC
CAR	27.15	1.37	MC-CAR
HV	28.52	0.89	CAR-HV
HV	29.41	1.4	HV-HV
MC	30.81	0.86	HV-MC
MC	31.67	5.38	MC-MC
HV	37.05	2.72	MC-HV
MC	39.77	1.15	HV-MC
CAR	40.92	4.21	MC-CAR
COM	45.13	0.53	CAR-COM
COM	45.66	2.32	COM-COM
CAR	47.98	1.14	COM-CAR
TW	49.12	2.86	CAR-TW
HV	51.98	0.45	TW-HV
HV	52.43	3.35	HV-HV
HV	55.78	1.67	HV-HV
CAR	57.45	4.16	HV-CAR
MC	61.61	1.07	CAR-MC
TW	62.68	3.38	MC-TW
HV	66.06	2.56	TW-HV
COM	68.62	0.59	HV-COM
HV	69.21	3.07	COM-HV
HV	72.28	1.21	HV-HV
TW	73.49	0.43	HV-TW
MC	73.92	3.7	TW-MC
CAR	77.62	2.37	MC-CAR
COM	79.99	1.27	CAR-COM
HV	81.26	0.51	COM-HV
MC	81.77	1.5	HV-MC
TW	83.27	1.8	MC-TW
MC	85.07	1.5	TW-MC
HV	86.57	2.02	MC-HV
TW	88.59	0.75	HV-TW
CAR	89.34	3.48	TW-CAR
HV	92.82	0.93	CAR-HV
TW	93.75	0.32	HV-TW
HV	94.07	1.22	TW-HV
HV	95.29	2.61	HV-HV
HV	97.9	0.94	HV-HV
MC	98.84	5.24	HV-MC
COM	104.08	6.28	MC-COM
CAR	110.36	5.35	COM-CAR
CAR	115.71	0.97	CAR-CAR
CAR	116.68	2.62	CAR-CAR
CAR	119.3	4.22	CAR-CAR
COM	123.52	3.3	CAR-COM
HV	126.82	1.21	COM-HV
MC	128.03	1.18	HV-MC
MC	129.21	0.83	MC-MC
HV	130.04	0.88	MC-HV
TW	130.92	1.21	HV-TW
COM	132.13	1.74	TW-COM
CAR	133.87	1.19	COM-CAR
COM	135.06	5.37	CAR-COM
COM	140.43	2.7	COM-COM
MC	143.13	2.01	COM-MC
CAR	145.14	3.88	MC-CAR
MC	149.02	2.28	CAR-MC
COM	151.3	3.08	MC-COM
HV	154.38	1.78	COM-HV
CAR	156.16	4.48	HV-CAR
CAR	160.64	3.22	CAR-CAR
TW	163.86	6.05	CAR-TW
COM	169.91	1.02	TW-COM
MC	170.93	4.68	COM-MC
MC	175.61	4.37	MC-MC
HV	179.98	1.62	MC-HV
MC	181.6	4.34	HV-MC
COM	185.94	4.44	MC-COM
HV	190.38	2.51	COM-HV
CAR	192.89	1.07	HV-CAR
HV	193.96	1.07	CAR-HV
CAR	195.03	1.75	HV-CAR
CAR	196.78	2.55	CAR-CAR
COM	199.33	1.72	CAR-COM
TW	201.05	0.98	COM-TW
HV	202.03	0.43	TW-HV
HV	202.46	0.77	HV-HV
COM	203.23	0.46	HV-COM
COM	203.69	2.21	COM-COM
COM	205.9	1.43	COM-COM
MC	207.33	1.6	COM-MC
CAR	208.93	3.63	MC-CAR
COM	212.56	4.16	CAR-COM
CAR	216.72	0.61	COM-CAR
HV	217.33	2.17	CAR-HV
HV	219.5	2.48	HV-HV
MC	221.98	2.87	HV-MC
TW	224.85	4.88	MC-TW
COM	229.73	2	TW-COM
MC	231.73	0.5	COM-MC
CAR	232.23	2.05	MC-CAR
TW	234.28	2.83	CAR-TW
CAR	237.11	2.63	TW-CAR
TW	239.74	1.64	CAR-TW
TW	241.38	0.6	TW-TW
COM	241.98	1.23	TW-COM
TW	243.21	2.55	COM-TW
TW	245.76	2.61	TW-TW
MC	248.37	1.29	TW-MC
MC	249.66	2.85	MC-MC
CAR	252.51	2.4	MC-CAR
COM	254.91	1.63	CAR-COM
MC	256.54	0.61	COM-MC
TW	257.15	1	MC-TW
HV	258.15	6.44	TW-HV
HV	264.59	3.47	HV-HV
MC	268.06	1.39	HV-MC
TW	269.45	4.3	MC-TW
MC	273.75	6.18	TW-MC
COM	279.93	2.27	MC-COM
TW	282.2	1.32	COM-TW
HV	283.52	2.06	TW-HV
TW	285.58	2.67	HV-TW
MC	288.25	2.52	TW-MC
TW	290.77	1.25	MC-TW
CAR	292.02	1.25	TW-CAR
COM	293.27	2.42	CAR-COM
CAR	295.69	0.69	COM-CAR
CAR	296.38	2.65	CAR-CAR
MC	299.03	1.66	CAR-MC
TW	300.69	3.22	MC-TW
CAR	303.91	3.85	TW-CAR
COM	307.76	0.53	CAR-COM
COM	308.29	1.67	COM-COM
HV	309.96	2.04	COM-HV
MC	312	0.62	HV-MC

CAR	264.22	0.88	TW-CAR
CAR	265.1	2.86	CAR-CAR
HV	267.96	0.71	CAR-HV
HV	268.67	0.3	HV-HV
CAR	268.97	5.68	HV-CAR
TW	274.65	1.57	CAR-TW
HV	276.22	3.15	TW-HV
CAR	279.37	0.45	HV-CAR
TW	279.82	3.1	CAR-TW
MC	282.92	0.57	TW-MC
HV	283.49	1.5	MC-HV
CAR	284.99	1.25	HV-CAR
CAR	286.24	2.19	CAR-CAR
HV	288.43	0.55	CAR-HV
MC	288.98	6.95	HV-MC
HV	295.93	1.64	MC-HV
TW	297.57	4.17	HV-TW
MC	301.74	7.64	TW-MC
HV	309.38	3.13	MC-HV
TW	312.51	0.46	HV-TW
COM	312.97	1.04	TW-COM
CAR	314.01	1.66	COM-CAR
COM	315.67	2.46	CAR-COM
COM	318.13	0.14	COM-COM
CAR	318.27	1.03	COM-CAR
CAR	319.3	0.49	CAR-CAR
COM	319.79	4.42	CAR-COM
TW	324.21	1.06	COM-TW
CAR	325.27	1	TW-CAR
CAR	326.27	1.36	CAR-CAR
CAR	327.63	0.78	CAR-CAR
MC	328.41	0.84	CAR-MC
TW	329.25	2.12	MC-TW
HV	331.37	0.76	TW-HV
COM	332.13	1.12	HV-COM
COM	333.25	2.76	COM-COM
MC	336.01	2.14	COM-MC
CAR	338.15	1.42	MC-CAR
TW	339.57	1.44	CAR-TW
HV	341.01	3.11	TW-HV
CAR	344.12	0.3	HV-CAR
HV	344.42	1.37	CAR-HV
MC	345.79	0.13	HV-MC
TW	345.92	1.16	MC-TW
TW	347.08	1.34	TW-TW
COM	348.42	2.42	TW-COM
TW	350.84	0.38	COM-TW
HV	351.22	4.56	TW-HV
TW	355.78	2.09	HV-TW
HV	357.87	1.02	TW-HV
TW	358.89	2.08	HV-TW
TW	360.97	4.12	TW-TW
HV	365.09	1.08	TW-HV
HV	366.17	3.21	HV-HV
TW	369.38	1.36	HV-TW
CAR	370.74	0.73	TW-CAR
MC	371.47	2.18	CAR-MC
HV	373.65	3.14	MC-HV
TW	376.79	0.65	HV-TW
MC	377.44	3.66	TW-MC
CAR	381.1	1.32	MC-CAR
CAR	382.42	3.31	CAR-CAR
MC	385.73	6.41	CAR-MC
COM	392.14	3.88	MC-COM
COM	396.02	0.53	COM-COM
HV	396.55	4.05	COM-HV
COM	400.6	3.61	HV-COM
CAR	404.21	1.91	COM-CAR
MC	406.12	2.98	CAR-MC
HV	409.1	0.69	MC-HV
MC	409.79	0.27	HV-MC
CAR	410.06	0.59	MC-CAR
HV	410.65	5.19	CAR-HV
TW	415.84	1.46	HV-TW
CAR	417.3	1.57	TW-CAR
COM	418.87	0.95	CAR-COM
HV	419.82	1.72	COM-HV
MC	421.54	0.74	HV-MC
TW	422.28	2.35	MC-TW
CAR	424.63	4.04	TW-CAR
TW	428.67	0.92	CAR-TW
MC	429.59	1.99	TW-MC
CAR	431.58	1.24	MC-CAR
HV	432.82	1.94	CAR-HV
CAR	434.76	1.15	HV-CAR
CAR	435.91	1.53	CAR-CAR
TW	437.44	2.39	CAR-TW
COM	439.83	3.8	TW-COM
CAR	443.63	2.51	COM-CAR
MC	446.14	6.59	CAR-MC
MC	452.73	3.41	MC-MC
COM	456.14	0.37	MC-COM
CAR	456.51	1.05	COM-CAR
COM	457.56	0.55	CAR-COM
COM	458.11	2.3	COM-COM
COM	460.41	1.03	COM-COM
HV	461.44	0.84	COM-HV
CAR	462.28	3.6	HV-CAR
COM	465.88	2.56	CAR-COM
HV	468.44	1.11	COM-HV
COM	469.55	2.97	HV-COM
TW	472.52	0.72	COM-TW
TW	473.24	2.17	TW-TW
MC	475.41	0.5	TW-MC
CAR	475.91	5.37	MC-CAR
CAR	481.28	0.63	CAR-CAR
MC	481.91	3.62	CAR-MC
COM	485.53	1.89	MC-COM
CAR	487.42	3.74	COM-CAR
TW	491.16	2.37	CAR-TW
HV	493.53	1.94	TW-HV
COM	495.47	3.71	HV-COM
TW	499.18	6.05	COM-TW
COM	505.23	0.99	TW-COM
TW	506.22	2.06	COM-TW
MC	508.28	4.04	TW-MC
HV	512.32	2.43	MC-HV
MC	514.75	0.24	HV-MC
COM	514.99	1.67	MC-COM
HV	516.66	0.93	COM-HV
MC	517.59	2.05	HV-MC
COM	519.64	1.11	MC-COM
TW	520.75	3.87	COM-TW
TW	524.62	0.79	TW-TW
MC	525.41	2.97	TW-MC
COM	528.38	5.49	MC-COM
HV	533.87	3.77	COM-HV
MC	537.64	1.67	HV-MC
TW	539.31	2.59	MC-TW
HV	541.9	1.59	TW-HV
COM	543.49	0.27	HV-COM
HV	543.76	3.14	COM-HV
HV	546.9	1.09	HV-HV
CAR	547.99	1.13	HV-CAR
MC	549.12	0.98	CAR-MC
TW	550.1	1.01	MC-TW
CAR	551.11	4.81	TW-CAR
HV	555.92	0.63	CAR-HV
MC	556.55	1.85	HV-MC
HV	558.4	4.06	MC-HV
TW	562.46	2.68	HV-TW
MC	565.14	6.5	TW-MC
TW	571.64	0.92	MC-TW
CAR	572.56	3.75	TW-CAR
HV	576.31	2.98	CAR-HV
COM	579.29	2.61	HV-COM
MC	581.9	2.44	COM-MC
CAR	584.34	1.69	MC-CAR
TW	586.03	2.31	CAR-TW
CAR	588.34	1.77	TW-CAR

MC	306.22	2.74	MC-MC
TW	308.96	0.64	MC-TW
MC	309.6	1.8	TW-MC
TW	311.4	1.46	MC-TW
TW	312.86	1.3	TW-TW
MC	314.16	0.94	TW-MC
CAR	315.1	2.41	MC-CAR
COM	317.51	1.23	CAR-COM
TW	318.74	1.16	COM-TW
MC	319.9	2.67	TW-MC
CAR	322.57	1.45	MC-CAR
CAR	324.02	2.8	CAR-CAR
CAR	326.82	3.04	CAR-CAR
CAR	329.86	0.67	CAR-CAR
CAR	330.53	1.27	CAR-CAR
TW	331.8	1.48	CAR-TW
TW	333.28	1.26	TW-TW
HV	334.54	3.61	TW-HV
MC	338.15	5.39	HV-MC
TW	343.54	2.64	MC-TW
TW	346.18	5.45	TW-TW
TW	351.63	4.86	TW-TW
MC	356.49	2.51	TW-MC
TW	359	2.32	MC-TW
COM	361.32	2.05	TW-COM
HV	363.37	1.11	COM-HV
MC	364.48	2.35	HV-MC
CAR	366.83	2.77	MC-CAR
MC	369.6	1.77	CAR-MC
HV	371.37	4.1	MC-HV
CAR	375.47	4.51	HV-CAR
HV	379.98	2.26	CAR-HV
CAR	382.24	3.35	HV-CAR
MC	385.59	3.13	CAR-MC
TW	388.72	1.08	MC-TW
COM	389.8	2.34	TW-COM
COM	392.14	4.04	COM-COM
HV	396.18	2.41	COM-HV
CAR	398.59	0.82	HV-CAR
HV	399.41	2.26	CAR-HV
TW	401.67	0.77	HV-TW
CAR	402.44	2.03	TW-CAR
TW	404.47	1.23	CAR-TW
COM	405.7	1.87	TW-COM
HV	407.57	1.39	COM-HV
COM	408.96	1.28	HV-COM
CAR	410.24	3.85	COM-CAR
TW	414.09	3.8	CAR-TW
COM	417.89	2.9	TW-COM
COM	420.79	2.07	COM-COM
CAR	422.86	0.87	COM-CAR
TW	423.73	4.64	CAR-TW
CAR	428.37	2.39	TW-CAR
MC	430.76	2.96	CAR-MC
COM	433.72	3.38	MC-COM
TW	437.1	0.17	COM-TW
MC	437.27	1.19	TW-MC
MC	438.46	3.9	MC-MC
CAR	442.36	2.09	MC-CAR
COM	444.45	2.71	CAR-COM
MC	447.16	0.72	COM-MC
HV	447.88	1.63	MC-HV
TW	449.51	3.45	HV-TW
HV	452.96	1.64	TW-HV
COM	454.6	1.99	HV-COM
CAR	456.59	3.18	COM-CAR
COM	459.77	3.45	CAR-COM
MC	463.22	2.13	COM-MC
COM	465.35	2.85	MC-COM
MC	468.2	1.56	COM-MC
COM	469.76	2.93	MC-COM
HV	472.69	1.2	COM-HV
TW	473.89	0.31	HV-TW
COM	474.2	2.43	TW-COM
TW	476.63	5.01	COM-TW
CAR	481.64	3.97	TW-CAR
TW	485.61	4.7	CAR-TW
TW	490.31	1.86	TW-TW
HV	492.17	0.3	TW-HV
TW	492.47	4.59	HV-TW
CAR	497.06	1.6	TW-CAR
CAR	498.66	5.11	CAR-CAR
HV	503.77	2.37	CAR-HV
CAR	506.14	0.86	HV-CAR
HV	507	2.65	CAR-HV
MC	509.65	0.21	HV-MC
CAR	509.86	0.51	MC-CAR
MC	510.37	1.01	CAR-MC
HV	511.38	2.86	MC-HV
HV	514.24	2.37	HV-HV
TW	516.61	1.95	HV-TW
COM	518.56	1.94	TW-COM
TW	520.5	2.31	COM-TW
TW	522.81	4.45	TW-TW
TW	527.26	2.37	TW-TW
COM	529.63	2.67	TW-COM
HV	532.3	0.97	COM-HV
CAR	533.27	4.14	HV-CAR
COM	537.41	1.65	CAR-COM
TW	539.06	1.7	COM-TW
CAR	540.76	1.98	TW-CAR
MC	542.74	0.96	CAR-MC
CAR	543.7	1.66	MC-CAR
TW	545.36	1.81	CAR-TW
COM	547.17	2.02	TW-COM
MC	549.19	3.5	COM-MC
TW	552.69	3.85	MC-TW
CAR	556.54	1.74	TW-CAR
HV	558.28	2.11	CAR-HV
CAR	560.39	1.51	HV-CAR
MC	561.9	3.94	CAR-MC
COM	565.84	2.84	MC-COM
CAR	568.68	4.05	COM-CAR
MC	572.73	2.69	CAR-MC
HV	575.42	1.69	MC-HV
TW	577.11	4.52	HV-TW
TW	581.63	0.38	TW-TW
HV	582.01	3.59	TW-HV
HV	585.6	1.11	HV-HV
CAR	586.71	0.82	HV-CAR
TW	587.53	2.32	CAR-TW
COM	589.85	0.54	TW-COM
HV	590.39	1.7	COM-HV
HV	592.09	1.5	HV-HV
HV	593.59	1.42	HV-HV
TW	595.01	2.07	HV-TW
COM	597.08	2.28	TW-COM
TW	599.36	5.44	COM-TW
TW	604.8	2.07	TW-TW
MC	606.87	2.17	TW-MC
MC	609.04	2.43	MC-MC
COM	611.47	2.46	MC-COM
TW	613.93	0.95	COM-TW
CAR	614.88	3.5	TW-CAR
HV	618.38	2.23	CAR-HV
MC	620.61	1.47	HV-MC
CAR	622.08	1.68	MC-CAR
HV	623.76	2.01	CAR-HV
TW	625.77	1.07	HV-TW
TW	626.84	1.55	TW-TW
TW	628.39	1.39	TW-TW
MC	629.78	1.44	TW-MC
MC	631.22	2.63	MC-MC
TW	633.85	2.89	MC-TW
COM	636.74	2.72	TW-COM
TW	639.46	5.44	COM-TW
MC	644.9	0.68	TW-MC
TW	645.58	0.36	MC-TW
CAR	645.94	1.56	TW-CAR
HV	647.5	2.53	CAR-HV

TW	312.62	3.8	MC-TW
MC	316.42	1.35	TW-MC
MC	317.77	0.7	MC-MC
TW	318.47	2.67	MC-TW
CAR	321.14	0.28	TW-CAR
HV	321.42	0.95	CAR-HV
HV	322.37	1.33	HV-HV
CAR	323.7	3.17	HV-CAR
CAR	326.87	0.48	CAR-CAR
TW	327.35	3.54	CAR-TW
CAR	330.89	3.25	TW-CAR
COM	334.14	3.5	CAR-COM
MC	337.64	0.63	COM-MC
TW	338.27	3.09	MC-TW
CAR	341.36	1.62	TW-CAR
TW	342.98	3.89	CAR-TW
COM	346.87	1.09	TW-COM
TW	347.96	2.18	COM-TW
TW	350.14	0.51	TW-TW
HV	350.65	0.56	TW-HV
TW	351.21	2.42	HV-TW
HV	353.63	1.27	TW-HV
TW	354.9	3.1	HV-TW
MC	358	5.04	TW-MC
MC	363.04	2.14	MC-MC
HV	365.18	1.84	MC-HV
CAR	367.02	0.26	HV-CAR
MC	367.28	0.72	CAR-MC
MC	368	0.44	MC-MC
COM	368.44	4.38	MC-COM
HV	372.82	0.96	COM-HV
CAR	373.78	0.6	HV-CAR
CAR	374.38	1.88	CAR-CAR
TW	376.26	3.76	CAR-TW
HV	380.02	2.17	TW-HV
COM	382.19	1.01	HV-COM
HV	383.2	2.42	COM-HV
HV	385.62	2.44	HV-HV
MC	388.06	3.5	HV-MC
CAR	391.56	4.97	MC-CAR
COM	396.53	3.53	CAR-COM
COM	400.06	1.61	COM-COM
MC	401.67	4.98	COM-MC
MC	406.65	0.24	MC-MC
MC	406.89	0.35	MC-MC
COM	407.24	0.96	MC-COM
HV	408.2	1.37	COM-HV
HV	409.57	2.07	HV-HV
CAR	411.64	1.9	HV-CAR
HV	413.54	2.27	CAR-HV
TW	415.81	1.99	HV-TW
HV	417.8	0.47	TW-HV
HV	418.27	1.14	HV-HV
CAR	419.41	1.03	HV-CAR
MC	420.44	0.53	CAR-MC
CAR	420.97	4.95	MC-CAR
HV	425.92	4.97	CAR-HV
CAR	430.89	2.23	HV-CAR
COM	433.12	0.91	CAR-COM
TW	434.03	2.53	COM-TW
HV	436.56	1.67	TW-HV
TW	438.23	1.12	HV-TW
COM	439.35	1.81	TW-COM
TW	441.16	0.74	COM-TW
TW	441.9	6.83	TW-TW
COM	448.73	1.67	TW-COM
MC	450.4	1.24	COM-MC
TW	451.64	1.32	MC-TW
MC	452.96	2.9	TW-MC
HV	455.86	5.25	MC-HV
TW	461.11	1.63	HV-TW
CAR	462.74	2.59	TW-CAR
MC	465.33	2.92	CAR-MC
HV	468.25	0.74	MC-HV
TW	468.99	3.48	HV-TW
TW	472.47	2.59	TW-TW
COM	475.06	1.34	TW-COM
TW	476.4	0.73	COM-TW
CAR	477.13	1.95	TW-CAR
MC	479.08	2.18	CAR-MC
MC	481.26	2.21	MC-MC
CAR	483.47	1.24	MC-CAR
TW	484.71	4.89	CAR-TW
COM	489.6	0.45	TW-COM
CAR	490.05	1.46	COM-CAR
TW	491.51	2.05	CAR-TW
TW	493.56	2.45	TW-TW
COM	496.01	2.96	TW-COM
HV	498.97	2.17	COM-HV
MC	501.14	1.82	HV-MC
COM	502.96	1.06	MC-COM
HV	504.02	1.23	COM-HV
HV	505.25	4.24	HV-HV
TW	509.49	1	HV-TW
COM	510.49	0.95	TW-COM
HV	511.44	1.51	COM-HV
CAR	512.95	2.4	HV-CAR
CAR	515.35	2.86	CAR-CAR
MC	518.21	8.38	CAR-MC
COM	526.59	4.04	MC-COM
COM	530.63	5.78	COM-COM
COM	536.41	3	COM-COM
TW	539.41	2.54	COM-TW
HV	541.95	4.46	TW-HV
COM	546.41	1.46	HV-COM
COM	547.87	1.03	COM-COM
COM	548.9	0.99	COM-COM
CAR	549.89	1.84	COM-CAR
CAR	551.73	1.27	CAR-CAR
TW	553	1.68	CAR-TW
MC	554.68	0.97	TW-MC
CAR	555.65	1.45	MC-CAR
MC	557.1	1.46	CAR-MC
MC	558.56	0.36	MC-MC
HV	558.92	1.43	MC-HV
HV	560.35	1.16	HV-HV
COM	561.51	2.95	HV-COM
COM	564.46	0.33	COM-COM
COM	564.79	1.17	COM-COM
COM	565.96	0.71	COM-COM
CAR	566.67	1.93	COM-CAR
HV	568.6	0.44	CAR-HV
CAR	569.04	3.08	HV-CAR
MC	572.12	1.51	CAR-MC
TW	573.63	2	MC-TW
HV	575.63	2.16	TW-HV
TW	577.79	2.19	HV-TW
COM	579.98	2.33	TW-COM
TW	582.31	2.18	COM-TW
HV	584.49	2.18	TW-HV
TW	586.67	4.37	HV-TW
COM	591.04	0.49	TW-COM
HV	591.53	2.94	COM-HV
COM	594.47	2.77	HV-COM
TW	597.24	2.18	COM-TW
TW	599.42	0.55	TW-TW
CAR	599.97	2.34	TW-CAR
CAR	602.31	4.08	CAR-CAR
TW	606.39	1.66	CAR-TW
HV	608.05	2.42	TW-HV
HV	610.47	2.35	HV-HV
COM	612.82	2.24	HV-COM
MC	615.06	2.86	COM-MC
COM	617.92	3.92	MC-COM
MC	621.84	3.43	COM-MC
MC	625.27	1.34	MC-MC
HV	626.61	3.1	MC-HV
COM	629.71	2.54	HV-COM
MC	632.25	3.26	COM-MC
MC	635.51	0.38	MC-MC

COM	590.11	1.68	CAR-COM
TW	591.79	1.59	COM-TW
HV	593.38	1.71	TW-HV
COM	595.09	1.64	HV-COM
MC	596.73	0.99	COM-MC
COM	597.72	2.67	MC-COM
COM	600.39	1.94	COM-COM
MC	602.33	0.96	COM-MC
HV	603.29	2.43	MC-HV
MC	605.72	3.4	HV-MC
TW	609.12	6.78	MC-TW
TW	615.9	2.33	TW-TW
CAR	618.23	2.12	TW-CAR
MC	620.35	0.74	CAR-MC
TW	621.09	1.16	MC-TW
MC	622.25	0.99	TW-MC
TW	623.24	1.17	MC-TW
TW	624.41	1.04	TW-TW
COM	625.45	3.4	TW-COM
COM	628.85	4.25	COM-COM
CAR	633.1	2.44	COM-CAR
TW	635.54	0.8	CAR-TW
COM	636.34	2.15	TW-COM
HV	638.49	1.53	COM-HV
HV	640.02	1.42	HV-HV
MC	641.44	2.22	HV-MC
CAR	643.66	2.26	MC-CAR
CAR	645.92	2.55	CAR-CAR
CAR	648.47	2.39	CAR-CAR
CAR	650.86	0.36	CAR-CAR
HV	651.22	0.41	CAR-HV
CAR	651.63	2.69	HV-CAR
TW	654.32	0.71	CAR-TW
HV	655.03	1.93	TW-HV
COM	656.96	2.84	HV-COM
HV	659.8	2.8	COM-HV
TW	662.6	0.27	HV-TW
CAR	662.87	3.13	TW-CAR
HV	666	1.75	CAR-HV
HV	667.75	1.59	HV-HV
COM	669.34	1.09	HV-COM
TW	670.43	2.03	COM-TW
COM	672.46	4.02	TW-COM
TW	676.48	1.16	COM-TW
CAR	677.64	2.11	TW-CAR
HV	679.75	0.63	CAR-HV
CAR	680.38	1.62	HV-CAR
HV	682	0.53	CAR-HV
TW	682.53	4.71	HV-TW
TW	687.24	6.1	TW-TW
CAR	693.34	3.17	TW-CAR
CAR	696.51	0.69	CAR-CAR
CAR	697.2	6.56	CAR-CAR
TW	703.76	0.92	CAR-TW
MC	704.68	2.52	TW-MC
CAR	707.2	0.9	MC-CAR
CAR	708.1	0.55	CAR-CAR
TW	708.65	1.37	CAR-TW
HV	710.02	2.5	TW-HV
COM	712.52	1.17	HV-COM
MC	713.69	3.29	COM-MC
HV	716.98	1.28	MC-HV
TW	718.26	2.06	HV-TW
HV	720.32	2.67	TW-HV
COM	722.99	0.31	HV-COM
CAR	723.3	3.16	COM-CAR
HV	726.46	0.46	CAR-HV
HV	726.92	0.32	HV-HV
CAR	727.24	0.48	HV-CAR
MC	727.72	0.61	CAR-MC
HV	728.33	0.42	MC-HV
COM	728.75	0.23	HV-COM
CAR	728.98	0.75	COM-CAR
MC	729.73	1.31	CAR-MC
HV	731.04	2.62	MC-HV
HV	733.66	2.15	HV-HV
CAR	735.81	3.06	HV-CAR
HV	738.87	1.34	CAR-HV
CAR	740.21	1.55	HV-CAR
TW	741.76	2.29	CAR-TW
HV	744.05	1.95	TW-HV
CAR	746	3.19	HV-CAR
HV	749.19	3	CAR-HV
TW	752.19	4.95	HV-TW
COM	757.14	6.97	TW-COM
MC	764.11	2.45	COM-MC
HV	766.56	1.31	MC-HV
CAR	767.87	2.59	HV-CAR
COM	770.46	2.71	CAR-COM
HV	773.17	4.87	COM-HV
TW	778.04	2	HV-TW
TW	780.04	2.88	TW-TW
CAR	782.92	1.61	TW-CAR
MC	784.53	0.04	CAR-MC
MC	784.57	2.36	MC-MC
MC	786.93	1.92	MC-MC
COM	788.85	0.45	MC-COM
COM	789.3	1.81	COM-COM
CAR	791.11	0.23	COM-CAR
TW	791.34	2.75	CAR-TW
HV	794.09	1.44	TW-HV
TW	795.53	3.13	HV-TW
TW	798.66	0.79	TW-TW
COM	799.45	1.38	TW-COM
CAR	800.83	0.33	COM-CAR
MC	801.16	0.56	CAR-MC
TW	801.72	2.05	MC-TW
TW	803.77	0.85	TW-TW
MC	804.62	1.37	TW-MC
CAR	805.99	0.79	MC-CAR
CAR	806.78	0.11	CAR-CAR
CAR	806.89	1.09	CAR-CAR
CAR	807.98	4.19	CAR-CAR
CAR	812.17	0.97	CAR-CAR
COM	813.14	0.93	CAR-COM
CAR	814.07	2.48	COM-CAR
HV	816.55	1.9	CAR-HV
TW	818.45	1.57	HV-TW
MC	820.02	2.11	TW-MC
TW	822.13	2.81	MC-TW
TW	824.94	1.17	TW-TW
CAR	826.11	2.51	TW-CAR
COM	828.62	3.16	CAR-COM
HV	831.78	0.48	COM-HV
TW	832.26	0.79	HV-TW
COM	833.05	0.2	TW-COM
CAR	833.25	0.86	COM-CAR
COM	834.11	3.05	CAR-COM
HV	837.16	4.23	COM-HV
TW	841.39	0.79	HV-TW
HV	842.18	4.63	TW-HV
COM	846.81	1	HV-COM
HV	847.81	0.31	COM-HV
CAR	848.12	0.91	HV-CAR
CAR	849.03	2.97	CAR-CAR
COM	852	0.61	CAR-COM
TW	852.61	5.23	COM-TW
CAR	857.84	2.26	TW-CAR
TW	860.1	2.6	CAR-TW
COM	862.7	1.8	TW-COM
CAR	864.5	3.39	COM-CAR
COM	867.89	1.2	CAR-COM
TW	869.09	0.9	COM-TW
TW	869.99	1.82	TW-TW
TW	871.81	1.33	TW-TW
COM	873.14	4.2	TW-COM
CAR	877.34	0.51	COM-CAR
TW	877.85	1.97	CAR-TW
HV	879.82	1	TW-HV
HV	880.82	0.15	HV-HV
COM	880.97	0.99	HV-COM
TW	881.96	0.77	COM-TW
HV	882.73	1.63	TW-HV
HV	884.36	0.36	HV-HV
HV	884.72	1.05	HV-HV
MC	885.77	3.93	HV-MC
COM	889.7	1.75	MC-COM
COM	891.45	0.59	COM-COM
TW	892.04		COM-TW

HV	650.03	2.46	HV-HV
TW	652.49	1.6	HV-TW
HV	654.09	3.74	TW-HV
CAR	657.83	3.58	HV-CAR
CAR	661.41	1.42	CAR-CAR
TW	662.83	1.25	CAR-TW
TW	664.08	3.33	TW-TW
CAR	667.41	1.68	TW-CAR
COM	669.09	0.4	CAR-COM
HV	669.49	0.74	COM-HV
CAR	670.23	0.64	HV-CAR
CAR	670.87	0.98	CAR-CAR
COM	671.85	2.4	CAR-COM
CAR	674.25	1.69	COM-CAR
HV	675.94	1.9	CAR-HV
TW	677.84	5.32	HV-TW
HV	683.16	0.3	TW-HV
MC	683.46	0.76	HV-MC
COM	684.22	0.96	MC-COM
MC	685.18	9.5	COM-MC
HV	694.68	2.17	MC-HV
HV	696.85	1.49	HV-HV
TW	698.34	1.98	HV-TW
CAR	700.32	3.06	TW-CAR
TW	703.38	1.77	CAR-TW
CAR	705.15	4.3	TW-CAR
TW	709.45	2.91	CAR-TW
CAR	712.36	2.27	TW-CAR
TW	714.63	7.65	CAR-TW
HV	722.28	2.56	TW-HV
TW	724.84	1.28	HV-TW
CAR	726.12	2.61	TW-CAR
MC	728.73	1.09	CAR-MC
COM	729.82	0.36	MC-COM
HV	730.18	2.47	COM-HV
HV	732.65	0.44	HV-HV
TW	733.09	1.48	HV-TW
HV	734.57	5.31	TW-HV
TW	739.88	1.36	HV-TW
HV	741.24	1.98	TW-HV
COM	743.22	3.4	HV-COM
TW	746.62	0.77	COM-TW
CAR	747.39	1.09	TW-CAR
CAR	748.48	0.8	CAR-CAR
HV	749.28	1.94	CAR-HV
MC	751.22	1.01	HV-MC
COM	752.23	0.41	MC-COM
CAR	752.64	1.33	COM-CAR
COM	753.97	3.68	CAR-COM
COM	757.65	1.27	COM-COM
MC	758.92	2.37	COM-MC
MC	761.29	0.86	MC-MC
HV	762.15	1.51	MC-HV
COM	763.66	2.32	HV-COM
TW	765.98	1.57	COM-TW
HV	767.55	2.03	TW-HV
TW	769.58	3.25	HV-TW
MC	772.83	1.76	TW-MC
COM	774.59	1.88	MC-COM
HV	776.47	1.71	COM-HV
COM	778.18	0.27	HV-COM
COM	778.45	1.71	COM-COM
COM	780.16	2.57	COM-COM
MC	782.73	0.99	COM-MC
COM	783.72	3.53	MC-COM
COM	787.25	0.98	COM-COM
TW	788.23	1.57	COM-TW
MC	789.8	0.89	TW-MC
COM	790.69	2.34	MC-COM
HV	793.03	1.02	COM-HV
MC	794.05	0.84	HV-MC
MC	794.89	0.51	MC-MC
CAR	795.4	1.04	MC-CAR
TW	796.44	5.61	CAR-TW
HV	802.05	0.56	TW-HV
COM	802.61	2.88	HV-COM
COM	805.49	1.9	COM-COM
CAR	807.39	1.27	COM-CAR
TW	808.66	2.46	CAR-TW
MC	811.12	3.86	TW-MC
HV	814.98	1.11	MC-HV
CAR	816.09	0.75	HV-CAR
TW	816.84	0.48	CAR-TW
COM	817.32	2.18	TW-COM
HV	819.5	1.89	COM-HV
HV	821.39	0.84	HV-HV
MC	822.23	2.7	HV-MC
TW	824.93	1.13	MC-TW
CAR	826.06	0.53	TW-CAR
TW	826.59	2.79	CAR-TW
COM	829.38	1.95	TW-COM
MC	831.33	3.74	COM-MC
MC	835.07	0.64	MC-MC
COM	835.71	3.07	MC-COM
CAR	838.78	1.21	COM-CAR
TW	839.99	4.1	CAR-TW
COM	844.09	1.94	TW-COM
MC	846.03	2.09	COM-MC
CAR	848.12	1.95	MC-CAR
MC	850.07	1.14	CAR-MC
CAR	851.21	1.36	MC-CAR
MC	852.57	0.92	CAR-MC
COM	853.49	1.3	MC-COM
TW	854.79	2.13	COM-TW
TW	856.92	5.66	TW-TW
MC	862.58	1.49	TW-MC
TW	864.07	1.42	MC-TW
COM	865.49	1.36	TW-COM
TW	866.85	1.32	COM-TW
COM	868.17	3.05	TW-COM
MC	871.22	2.84	COM-MC
COM	874.06	2.78	MC-COM
COM	876.84	4.42	COM-COM
TW	881.26	2.26	COM-TW
CAR	883.52	1.14	TW-CAR
MC	884.66	2.37	CAR-MC
TW	887.03		MC-TW

CAR	635.89	3.86	MC-CAR
MC	639.75	4.98	CAR-MC
CAR	644.73	0.76	MC-CAR
MC	645.49	0.99	CAR-MC
CAR	646.48	1.97	MC-CAR
CAR	648.45	3.27	CAR-CAR
CAR	651.72	2.35	CAR-CAR
COM	654.07	2.1	CAR-COM
CAR	656.17	1.17	COM-CAR
MC	657.34	3.55	CAR-MC
CAR	660.89	1.87	MC-CAR
HV	662.76	1.13	CAR-HV
HV	663.89	2.39	HV-HV
TW	666.28	1.71	HV-TW
HV	667.99	1.53	TW-HV
HV	669.52	1.6	HV-HV
COM	671.12	6.38	HV-COM
TW	677.5	4.22	COM-TW
TW	681.72	9.39	TW-TW
MC	691.11	3.29	TW-MC
CAR	694.4	0.84	MC-CAR
MC	695.24	2.22	CAR-MC
HV	697.46	0.87	MC-HV
CAR	698.33	4.57	HV-CAR
CAR	702.9	4.02	CAR-CAR
HV	706.92	2.18	CAR-HV
HV	709.1	4.14	HV-HV
CAR	713.24	1.98	HV-CAR
MC	715.22	2.19	CAR-MC
MC	717.41	3.16	MC-MC
COM	720.57	0.62	MC-COM
TW	721.19	3.76	COM-TW
HV	724.95	3.43	TW-HV
TW	728.38	0.88	HV-TW
CAR	729.26	1.31	TW-CAR
HV	730.57	0.79	CAR-HV
TW	731.36	3.59	HV-TW
MC	734.95	1.65	TW-MC
CAR	736.6	4.82	MC-CAR
TW	741.42	0.41	CAR-TW
TW	741.83	0.66	TW-TW
HV	742.49	2.6	TW-HV
TW	745.09	2.77	HV-TW
HV	747.86	0.66	TW-HV
COM	748.52	4.69	HV-COM
COM	753.21	4.51	COM-COM
TW	757.72	1.02	COM-TW
TW	758.74	4.7	TW-TW
HV	763.44	2.6	TW-HV
CAR	766.04	0.54	HV-CAR
MC	766.58	1.7	CAR-MC
COM	768.28	1.84	MC-COM
CAR	770.12	0.69	COM-CAR
CAR	770.81	1.73	CAR-CAR
CAR	772.54	0.47	CAR-CAR
HV	773.01	2.48	CAR-HV
HV	775.49	0.52	HV-HV
MC	776.01	0.99	HV-MC
HV	777	1.38	MC-HV
COM	778.38	0.38	HV-COM
HV	778.76	1.64	COM-HV
HV	780.4	3.52	HV-HV
TW	783.92	1.59	HV-TW
HV	785.51	4.52	TW-HV
HV	790.03	2.71	HV-HV
TW	792.74	0.72	HV-TW
TW	793.46	2.14	TW-TW
TW	795.6	4.99	TW-TW
COM	800.59	0.13	TW-COM
HV	800.72	0.71	COM-HV
COM	801.43	0.99	HV-COM
TW	802.42	0.33	COM-TW
HV	802.75	2	TW-HV
MC	804.75	0.79	HV-MC
TW	805.54	2.48	MC-TW
TW	808.02	1.15	TW-TW
MC	809.17	2.6	TW-MC
TW	811.77	2.06	MC-TW
HV	813.83	1.47	TW-HV
CAR	815.3	0.94	HV-CAR
COM	816.24	5.28	CAR-COM
CAR	821.52	2.55	COM-CAR
CAR	824.07	1.58	CAR-CAR
COM	825.65	4.24	CAR-COM
TW	829.89	2.62	COM-TW
COM	832.51	1.82	TW-COM
COM	834.33	0.83	COM-COM
CAR	835.16	2.38	COM-CAR
HV	837.54	1.37	CAR-HV
TW	838.91	0.75	HV-TW
TW	839.66	8.35	TW-TW
TW	848.01	2.08	TW-TW
MC	850.09	2.39	TW-MC
MC	852.48	8.56	MC-MC
TW	861.04	4.5	MC-TW
COM	865.54	2.22	TW-COM
HV	867.76	0.9	COM-HV
HV	868.66	0.35	HV-HV
MC	869.01	2.38	HV-MC
TW	871.39	0.94	MC-TW
CAR	872.33	3.87	TW-CAR
TW	876.2	0.71	CAR-TW
MC	876.91	5.69	TW-MC
HV	882.6	0.45	MC-HV
COM	883.05	2.42	HV-COM
TW	885.47	0.67	COM-TW
CAR	886.14	3.1	TW-CAR
TW	889.24	4.57	CAR-TW
CAR	893.81	0.22	TW-CAR
HV	894.03	1.89	CAR-HV
COM	895.92		HV-COM

ANNEX - 3 - Time Headway Data > 1200 Veh/hr Flow Range

Road Name	AB-042 Road	Vehicle summary	
From	Gatabe	MC	75
To	Kandy	TW	58
Side	RHS	CAR	75
Lane	Inner	COM	70
Video name	10800	HV	75
Time started	8:15 AM	SUM	353
Time finished	8:30 AM		
Traffic count (15Min)	353	Veh	
Traffic flow rate	1412	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	0.62	
TW	0.62	2.58	CAR-TW
MC	3.2	1.68	TW-MC
TW	4.88	2.77	MC-TW
HV	7.65	0.5	TW-HV
TW	8.15	1.75	HV-TW
MC	9.9	1.53	TW-MC
HV	11.43	1.29	MC-HV
MC	12.72	2.32	HV-MC
HV	15.04	1.84	MC-HV
MC	16.88	1.41	HV-MC
HV	18.29	1.38	MC-HV
HV	19.67	5.44	HV-HV
HV	25.11	1.94	HV-HV
HV	27.05	1.85	HV-HV
COM	28.9	1.44	HV-COM
HV	30.34	1.83	COM-HV
MC	32.17	2.4	HV-MC
HV	34.57	1.96	MC-HV
TW	36.53	3.61	HV-TW
COM	40.14	2.07	TW-COM
MC	42.21	3.15	COM-MC
TW	45.36	1.37	MC-TW
HV	46.73	0.95	TW-HV
MC	47.68	2.65	HV-MC
HV	50.33	1.5	MC-HV
COM	51.83	1.93	HV-COM
HV	53.76	1.68	COM-HV
MC	55.44	1.64	HV-MC
HV	57.08	0.24	MC-HV
COM	57.32	2.03	HV-COM
CAR	59.35	2.94	COM-CAR
COM	62.29	2.59	CAR-COM
MC	64.88	2.15	COM-MC
TW	67.03	2.48	MC-TW
MC	69.51	2.19	TW-MC
HV	71.7	3.01	MC-HV
CAR	74.71	2.84	HV-CAR
TW	77.55	1.32	CAR-TW
MC	78.87	2.03	TW-MC
COM	80.9	3.4	MC-COM
TW	84.3	7.02	COM-TW
MC	91.32	5.32	TW-MC
MC	96.64	1.68	MC-MC
HV	98.32	2.2	MC-HV
HV	100.52	1.87	HV-HV
COM	102.39	3.28	HV-COM
COM	105.67	0.83	COM-COM
CAR	106.5	5.64	COM-CAR
CAR	112.14	2.75	CAR-CAR
MC	114.89	1.63	CAR-MC
HV	116.52	4.88	MC-HV
TW	121.4	0.89	HV-TW
COM	122.29	2.2	TW-COM
TW	124.49	4.39	COM-TW
COM	128.88	0.45	TW-COM
COM	129.33	1.62	COM-COM
TW	130.95	4.14	COM-TW
MC	135.09	3.35	TW-MC
HV	138.44	1.41	MC-HV
MC	139.85	2.29	HV-MC
COM	142.14	1.78	MC-COM
MC	143.92	0.36	COM-MC
HV	144.28	2.43	MC-HV
CAR	146.71	3.46	HV-CAR
CAR	150.17	1.52	CAR-CAR
MC	151.69	3.11	CAR-MC
HV	154.8	1.55	MC-HV
COM	156.35	1.66	HV-COM
MC	158.01	0.93	COM-MC
MC	158.94	1.75	MC-MC
TW	160.69	4.32	MC-TW
CAR	165.01	1.24	TW-CAR
COM	166.25	0.36	CAR-COM
CAR	166.61	4.79	COM-CAR
COM	171.4	3.7	CAR-COM
COM	175.1	1.07	COM-COM
TW	176.17	0.55	COM-TW
TW	176.72	2.02	TW-TW
CAR	178.74	2.52	TW-CAR
CAR	181.26	1.27	CAR-CAR
MC	182.53	1.92	CAR-MC
HV	184.45	1.45	MC-HV
CAR	185.9	3.88	HV-CAR
MC	189.78	1.09	CAR-MC
MC	190.87	5.48	MC-MC
HV	196.35	3.69	MC-HV
CAR	200.04	4.88	HV-CAR
HV	204.92	0.71	CAR-HV
HV	205.63	0.55	HV-HV
HV	206.18	0.7	HV-HV
HV	206.88	5.2	HV-HV
TW	212.08	3.41	HV-TW
MC	215.49	1.69	TW-MC
COM	217.18	2.14	MC-COM
COM	219.32	2.19	COM-COM
MC	221.51	5.2	COM-MC
HV	226.71	1.67	MC-HV
COM	228.38	1.04	HV-COM
CAR	229.42	1.74	COM-CAR
TW	231.16	1.16	CAR-TW
MC	232.32	3.64	TW-MC
COM	235.96	5.62	MC-COM
TW	241.58	1.43	COM-TW
MC	243.01	2.36	TW-MC
HV	245.37	3.31	MC-HV
HV	248.68	3.67	HV-HV
MC	252.35	2.1	HV-MC
TW	254.45	2.22	MC-TW
CAR	256.67	1.42	TW-CAR
MC	258.09	2.48	CAR-MC
COM	260.57	4.66	MC-COM
HV	265.23	0.86	COM-HV
MC	266.09	0.69	HV-MC
CAR	266.78	1.8	MC-CAR
MC	268.58	0.8	CAR-MC
HV	269.38	4.11	MC-HV
HV	273.49	2.75	HV-HV
CAR	276.24	1.07	HV-CAR
TW	277.31	1.13	CAR-TW
CAR	278.44	0.4	TW-CAR
CAR	278.84	1.94	CAR-CAR
TW	280.78	1.42	CAR-TW
TW	282.2	2.24	TW-TW
CAR	284.44	4.81	TW-CAR
CAR	289.25	1.18	CAR-CAR
COM	290.43	2.95	CAR-COM
MC	293.38	0.68	COM-MC
TW	294.06	1.1	MC-TW
MC	295.16	4.57	TW-MC
COM	299.73	1.32	MC-COM
HV	301.05	4.49	COM-HV
CAR	305.54	3.11	HV-CAR
MC	308.65	1.64	CAR-MC
CAR	310.29	4.23	MC-CAR
TW	314.52	2.67	CAR-TW
TW	317.19	1.24	TW-TW
HV	318.43	2.48	TW-HV

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	77
To	Gatabe	TW	92
Side	LHS	CAR	90
Lane	Inner	COM	96
Video name	11250	HV	93
Time started	1:30 PM	SUM	448
Time finished	1:45 PM		
Traffic count (15Min)	448	Veh	
Traffic flow rate	1792	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
HV	0	2.48	
COM	2.48	1.98	HV-COM
MC	4.46	5.69	COM-MC
MC	10.15	3.2	MC-MC
CAR	13.35	2.01	MC-CAR
MC	15.36	2.2	CAR-MC
MC	17.56	4.62	MC-MC
CAR	22.18	3.98	MC-CAR
COM	26.16	0.41	CAR-COM
MC	26.57	1.56	COM-MC
CAR	28.13	7.61	MC-CAR
COM	35.74	5.94	CAR-COM
TW	41.68	0.78	COM-TW
COM	42.46	3.01	TW-COM
CAR	45.47	3.42	COM-CAR
CAR	48.89	4.89	CAR-CAR
HV	53.78	1.09	CAR-HV
MC	54.87	1.68	HV-MC
COM	56.55	0.47	MC-COM
CAR	57.02	0.89	COM-CAR
MC	57.91	1.56	CAR-MC
COM	59.47	2.39	MC-COM
COM	61.86	1.31	COM-COM
MC	63.17	5.72	COM-MC
HV	68.89	2.82	MC-HV
HV	71.71	1.33	HV-HV
HV	73.04	0.78	HV-HV
HV	73.82	1.63	HV-HV
HV	75.45	1.44	HV-HV
TW	76.89	1.19	HV-TW
TW	78.08	0.5	TW-TW
CAR	78.58	2.53	TW-CAR
TW	81.11	1.54	CAR-TW
HV	82.65	1.35	TW-HV
MC	84	1.3	HV-MC
MC	85.3	1.97	MC-MC
TW	87.27	2.38	MC-TW
TW	89.65	2.54	TW-TW
HV	92.19	1.59	TW-HV
COM	93.78	0.63	HV-COM
CAR	94.41	1.07	COM-CAR
TW	95.48	0.51	CAR-TW
TW	95.99	1.15	TW-TW
HV	97.14	0.66	TW-HV
COM	97.8	1.02	HV-COM
CAR	98.82	4	COM-CAR
COM	102.82	3.53	CAR-COM
HV	106.35	2.4	COM-HV
HV	108.75	1.48	HV-HV
MC	110.23	3.16	HV-MC
MC	113.39	5.11	MC-MC
TW	118.5	1.35	MC-TW
COM	119.85	4.19	TW-COM
COM	124.04	0.14	COM-COM
COM	124.18	0.56	COM-COM
CAR	124.74	1.33	COM-CAR
COM	126.07	3.34	CAR-COM
TW	129.41	0.61	COM-TW
CAR	130.02	0.63	TW-CAR
MC	130.65	1.02	CAR-MC
COM	131.67	1.86	MC-COM
TW	133.53	1.78	COM-TW
TW	135.31	1.75	TW-TW
COM	137.06	1.77	TW-COM
MC	138.83	1.36	COM-MC
CAR	140.19	0.43	MC-CAR
HV	140.62	0.74	CAR-HV
TW	141.36	1.07	HV-TW
MC	142.43	0.95	TW-MC
HV	143.38	0.64	MC-HV
TW	144.02	0.41	HV-TW
CAR	144.43	0.63	TW-CAR
MC	145.06	2.74	CAR-MC
CAR	147.8	0.82	MC-CAR
COM	148.62	2.63	CAR-COM
TW	151.25	1.21	COM-TW
COM	152.46	1.04	TW-COM
HV	153.5	1.76	COM-HV
HV	155.26	2.53	HV-HV
TW	157.79	3.03	HV-TW
TW	160.82	5.2	TW-TW
COM	166.02	2.07	TW-COM
TW	168.09	0.97	COM-TW
CAR	169.06	0.87	TW-CAR
CAR	169.93	4.06	CAR-CAR
HV	173.99	0.26	CAR-HV
CAR	174.25	0.64	HV-CAR
COM	174.89	4.38	CAR-COM
COM	179.27	3.28	COM-COM
TW	182.55	1.04	COM-TW
TW	183.59	2.3	TW-TW
HV	185.89	2.98	TW-HV
HV	188.87	0.88	HV-HV
COM	189.75	1.15	HV-COM
HV	190.9	4.14	COM-HV
COM	195.04	1.15	HV-COM
HV	196.19	1.21	COM-HV
CAR	197.4	0.52	HV-CAR
COM	197.92	0.37	CAR-COM
MC	198.29	1.73	COM-MC
HV	200.02	1.33	MC-HV
MC	201.35	0.68	HV-MC
COM	202.03	1.18	MC-COM
HV	203.21	0.55	COM-HV
TW	203.76	0.74	HV-TW
HV	204.5	0.63	TW-HV
CAR	205.13	1.63	HV-CAR
COM	206.76	0.55	CAR-COM
COM	207.31	1.47	COM-COM
HV	208.78	1.66	COM-HV
CAR	210.44	0.78	HV-CAR
MC	211.22	0.56	CAR-MC
COM	211.78	4.09	MC-COM
MC	215.87	1.21	COM-MC
TW	217.08	1.45	MC-TW
COM	218.53	0.51	TW-COM
HV	219.04	2.16	COM-HV
COM	221.2	0.2	HV-COM
HV	221.4	1.21	COM-HV
COM	222.61	0.31	HV-COM
HV	222.92	4.82	COM-HV
COM	227.74	3.21	HV-COM
MC	230.95	0.92	COM-MC
COM	231.87	1.25	MC-COM
COM	233.12	1.51	COM-COM
COM	234.63	3.73	COM-COM
CAR	238.36	2.64	COM-CAR
COM	241	2.11	CAR-COM
COM	243.11	1.96	COM-COM
HV	245.07	1.83	COM-HV
MC	246.9	1.01	HV-MC
CAR	247.91	0.86	MC-CAR
CAR	248.77	2.2	CAR-CAR
COM	250.97	3.86	CAR-COM
CAR	254.83	1.88	COM-CAR
COM	256.71	0.7	CAR-COM
CAR	257.41	5.98	COM-CAR
CAR	263.39	0.23	CAR-CAR

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	65
To	Gatabe	TW	65
Side	LHS	CAR	77
Lane	Inner	COM	54
Video name	11700	HV	78
Time started	1:45 PM	SUM	339
Time finished	2:00 PM		
Traffic count (15Min)	339	Veh	
Traffic flow rate	1356	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	2.11	
TW	2.11	4.36	CAR-TW
COM	6.47	5.47	TW-COM
MC	11.94	1.91	COM-MC
CAR	13.85	2.38	MC-CAR
TW	16.23	0.76	CAR-TW
CAR	16.99	4.04	TW-CAR
HV	21.03	1.37	CAR-HV
TW	22.4	7.21	HV-TW
COM	29.61	4.22	TW-COM
COM	33.83	0.33	COM-COM
MC	34.16	2.79	COM-MC
HV	36.95	2.54	MC-HV
COM	39.49	1.37	HV-COM
MC	40.86	5.66	COM-MC
CAR	46.52	1.83	MC-CAR
MC	48.35	1.77	CAR-MC
MC	50.12	0.95	MC-MC
HV	51.07	2.44	MC-HV
MC	53.51	2.26	HV-MC
COM	55.77	4.86	MC-COM
HV	60.63	4.84	COM-HV
HV	65.47	1.38	HV-HV
HV	66.85	5.34	HV-HV
TW	72.19	3.8	HV-TW
HV	75.99	1.82	TW-HV
COM	77.81	1.79	HV-COM
CAR	79.6	3.22	COM-CAR
HV	82.82	1.82	CAR-HV
COM	84.64	1.53	HV-COM
HV	86.17	1.59	COM-HV
TW	87.76	3.48	HV-TW
HV	91.24	5.05	TW-HV
MC	96.29	3.94	HV-MC
MC	100.23	4.59	MC-MC
COM	104.82	2.23	MC-COM
TW	107.05	2.75	COM-TW
TW	109.8	3.87	TW-TW
COM	113.67	1.37	TW-COM
COM	115.04	2.63	COM-COM
COM	117.67	2.43	COM-COM
TW	120.1	3.7	COM-TW
TW	123.8	3.27	TW-TW
HV	127.07	2.42	TW-HV
MC	129.49	1.81	HV-MC
COM	131.3	2.58	MC-COM
CAR	133.88	1.02	COM-CAR
CAR	134.9	3.61	CAR-CAR
TW	138.51	2.57	CAR-TW
HV	141.08	3.96	TW-HV
MC	145.04	4.62	HV-MC
COM	149.66	2.38	MC-COM
MC	152.04	3.48	COM-MC
COM	155.52	2.61	MC-COM
HV	158.13	3.08	COM-HV
TW	161.21	1.23	HV-TW
TW	162.44	2.68	TW-TW
HV	165.12	0.9	TW-HV
HV	166.02	6.13	HV-HV
HV	172.15	1.32	HV-HV
MC	173.47	1.83	HV-MC
COM	175.3	2.53	MC-COM
TW	177.83	2.49	COM-TW
CAR	180.32	6.4	TW-CAR
CAR	186.72	2.74	CAR-CAR
HV	189.46	2.41	CAR-HV
COM	191.87	3.83	HV-COM
HV	195.7	6.2	COM-HV
HV	201.9	2.67	HV-HV
MC	204.57	4.02	HV-MC
CAR	208.59	1.58	MC-CAR
TW	210.17	2.11	CAR-TW
TW	212.28	1.45	TW-TW
TW	213.73	2.99	TW-TW
TW	216.72	2.66	TW-TW
MC	219.38	2.19	TW-MC
MC	221.57	0.69	MC-MC
CAR	222.26	0.64	MC-CAR
TW	222.9	3.62	CAR-TW
TW	226.52	0.99	TW-TW
HV	227.51	3.96	TW-HV
TW	231.47	1.69	HV-TW
HV	233.16	2.47	TW-HV
TW	235.63	1.56	HV-TW
HV	237.19	2.24	TW-HV
TW	239.43	1.62	HV-TW
CAR	241.05	3.31	TW-CAR
COM	244.36	0.31	CAR-COM
CAR	244.67	1.87	COM-CAR
HV	246.54	2.14	CAR-HV
CAR	248.68	5.61	HV-CAR
TW	254.29	2.84	CAR-TW
HV	257.13	1.57	TW-HV
COM	258.7	2.05	HV-COM
MC	260.75	5.15	COM-MC
COM	265.9	1.69	MC-COM
COM	267.59	4.25	COM-COM
CAR	271.84	3.09	COM-CAR
CAR	274.93	2.02	CAR-CAR
COM	276.95	3.47	CAR-COM
HV	280.42	2.25	COM-HV
HV	282.67	2.03	HV-HV
MC	284.7	1.49	HV-MC
CAR	286.19	3.69	MC-CAR
CAR	289.88	1.33	CAR-CAR
MC	291.21	1.71	CAR-MC
TW	292.92	1.73	MC-TW
CAR	294.65	1	TW-CAR
HV	295.65	4.36	CAR-HV
TW	300.01	1.23	HV-TW
MC	301.24	0.8	TW-MC
CAR	302.04	2.41	MC-CAR
CAR	304.45	2.38	CAR-CAR
COM	306.83	2.98	CAR-COM
CAR	309.81	1.69	COM-CAR
HV	311.5	3.15	CAR-HV
COM	314.65	5.51	HV-COM
CAR	320.16	1	COM-CAR
TW	321.16	1.28	CAR-TW
TW	322.44	1.08	TW-TW
MC	323.52	1.48	TW-MC
MC	325	2.53	MC-MC
TW	327.53	1.27	MC-TW
MC	328.8	1.83	TW-MC
TW	330.63	1.08	MC-TW
COM	331.71	4.38	TW-COM
MC	336.09	3.59	COM-MC
MC	339.68	1.9	MC-MC
MC	341.58	1.6	MC-MC
COM	343.18	2.12	MC-COM
CAR	345.3	1.03	COM-CAR
TW	346.33	1.27	CAR-TW
COM	347.6	2.62	TW-COM
COM	350.22	2.45	COM-COM
TW	352.67	1.17	COM-TW
HV	353.84	3.1	TW-HV
TW	356.94	5.38	HV-TW
MC	362.32	2.48	TW-MC

CAR	320.91	2.32	HV-CAR
COM	323.23	1.6	CAR-COM
CAR	324.83	4.56	COM-CAR
CAR	329.39	2.92	CAR-CAR
HV	332.31	2.51	CAR-HV
HV	334.82	1.47	HV-HV
COM	336.29	2.31	HV-COM
HV	338.6	1.9	COM-HV
MC	340.5	4.7	HV-MC
HV	345.2	1.38	MC-HV
MC	346.58	2.12	HV-MC
TW	348.7	2.14	MC-TW
CAR	350.84	2.49	TW-CAR
CAR	353.33	1.74	CAR-CAR
COM	355.07	3.43	CAR-COM
MC	358.5	3.35	COM-MC
TW	361.85	1.62	MC-TW
COM	363.47	2.64	TW-COM
HV	366.11	2	COM-HV
CAR	368.11	1.49	HV-CAR
MC	369.6	5.21	CAR-MC
HV	374.81	2.2	MC-HV
COM	377.01	1.69	HV-COM
COM	378.7	1.01	COM-COM
COM	379.71	0.48	COM-COM
COM	380.19	2.55	COM-COM
TW	382.74	2.97	COM-TW
MC	385.71	2.96	TW-MC
MC	388.67	3.44	MC-MC
COM	392.11	1.51	MC-COM
TW	393.62	1.12	COM-TW
MC	394.74	1.85	TW-MC
COM	396.59	0.95	MC-COM
HV	397.54	0.7	COM-HV
COM	398.24	7.03	HV-COM
TW	405.27	4.82	COM-TW
HV	410.09	0.59	TW-HV
HV	410.68	4.13	HV-HV
TW	414.81	3.12	HV-TW
COM	417.93	3.88	TW-COM
COM	421.81	2.37	COM-COM
MC	424.18	2.59	COM-MC
TW	426.77	1.06	MC-TW
HV	427.83	1.06	TW-HV
MC	428.89	1.04	HV-MC
TW	429.93	3.64	MC-TW
TW	433.57	1.82	TW-TW
HV	435.39	1.41	TW-HV
CAR	436.8	2.28	HV-CAR
COM	439.08	3.14	CAR-COM
COM	442.22	1.6	COM-COM
TW	443.82	5.08	COM-TW
MC	448.9	0.4	TW-MC
TW	449.3	4.13	MC-TW
TW	453.43	2.15	TW-TW
CAR	455.58	2.14	TW-CAR
COM	457.72	1.15	CAR-COM
MC	458.87	1.56	COM-MC
HV	460.43	4.51	MC-HV
TW	464.94	1.98	HV-TW
COM	466.92	1.93	TW-COM
COM	468.85	0.85	COM-COM
CAR	469.7	1.19	COM-CAR
MC	470.89	3.53	CAR-MC
MC	474.42	5.15	MC-MC
MC	479.57	1.15	MC-MC
TW	480.72	2.87	MC-TW
HV	483.59	2.59	TW-HV
COM	486.18	1.82	HV-COM
COM	488	1.58	COM-COM
HV	489.58	1.75	COM-HV
CAR	491.33	3.97	HV-CAR
MC	495.3	3.48	CAR-MC
HV	498.78	0.96	MC-HV
HV	499.74	0.9	HV-HV
TW	500.64	1.61	HV-TW
MC	502.25	2.53	TW-MC
CAR	504.78	4.7	MC-CAR
COM	509.48	8.03	CAR-COM
CAR	517.51	0.39	COM-CAR
MC	517.9	2	CAR-MC
COM	519.9	1.61	MC-COM
HV	521.51	1.81	COM-HV
CAR	523.32	4.28	HV-CAR
COM	527.6	1.48	CAR-COM
MC	529.08	2.86	COM-MC
COM	531.94	3.24	MC-COM
COM	535.18	2.76	COM-COM
MC	537.94	5.41	COM-MC
TW	543.35	2.56	MC-TW
TW	545.91	3.8	TW-TW
CAR	549.71	4.39	TW-CAR
TW	554.1	2.62	CAR-TW
CAR	556.72	3.86	TW-CAR
CAR	560.58	5.19	CAR-CAR
COM	565.77	2.73	CAR-COM
HV	568.5	3.03	COM-HV
TW	571.53	2.87	HV-TW
MC	574.4	2.62	TW-MC
HV	577.02	2.58	MC-HV
CAR	579.6	7.11	HV-CAR
TW	586.71	4.86	CAR-TW
COM	591.57	1.21	TW-COM
COM	592.78	1.42	COM-COM
HV	594.2	2.36	COM-HV
TW	596.56	3.49	HV-TW
MC	600.05	4.03	TW-MC
CAR	604.08	2.68	MC-CAR
TW	606.76	0.8	CAR-TW
COM	607.56	2.66	TW-COM
COM	610.22	1.42	COM-COM
TW	611.64	4.94	COM-TW
CAR	616.58	2.96	TW-CAR
MC	619.54	4.92	CAR-MC
HV	624.46	1.91	MC-HV
HV	626.37	2.48	HV-HV
HV	628.85	1.81	HV-HV
HV	630.66	3.72	HV-HV
MC	634.38	4.64	HV-MC
CAR	639.02	3.12	MC-CAR
MC	642.14	2.17	CAR-MC
TW	644.31	2.15	MC-TW
MC	646.46	3.63	TW-MC
CAR	650.09	0.79	MC-CAR
CAR	650.88	3.13	CAR-CAR
COM	654.01	3.31	CAR-COM
TW	657.32	4.16	COM-TW
CAR	661.48	0.61	TW-CAR
MC	662.09	1.52	CAR-MC
COM	663.61	6.48	MC-COM
MC	670.09	2.84	COM-MC
CAR	672.93	3.06	MC-CAR
COM	675.99	1.5	CAR-COM
HV	677.49	1.78	COM-HV
TW	679.27	2.47	HV-TW
MC	681.74	1.64	TW-MC
MC	683.38	3.98	MC-MC
HV	687.36	3.18	MC-HV
CAR	690.54	1.09	HV-CAR
CAR	691.63	3.7	CAR-CAR
COM	695.33	3.09	CAR-COM
TW	698.42	0.5	COM-TW
CAR	698.92	4.02	TW-CAR
CAR	702.94	0.63	CAR-CAR
CAR	703.57	5.26	CAR-CAR
CAR	708.83	1.82	CAR-CAR
COM	710.65	2.58	CAR-COM
CAR	713.23	3.08	COM-CAR
CAR	716.31	3.16	CAR-CAR
HV	719.47	1	CAR-HV

COM	263.62	4.19	CAR-COM
MC	267.81	0.33	COM-MC
COM	268.14	2.86	MC-COM
CAR	271	0.63	COM-CAR
HV	271.63	3.84	CAR-HV
HV	275.47	2.59	HV-HV
TW	278.06	1.33	HV-TW
TW	279.39	1.7	TW-TW
TW	281.09	1.87	TW-TW
TW	282.96	2.74	TW-TW
CAR	285.7	1.38	TW-CAR
HV	287.08	1.14	CAR-HV
CAR	288.22	0.57	HV-CAR
TW	288.79	0.81	CAR-TW
CAR	289.6	1.11	TW-CAR
HV	290.71	2.03	CAR-HV
COM	292.74	2.43	HV-COM
COM	295.17	1.02	COM-COM
COM	296.19	1.55	COM-COM
TW	297.74	2.07	COM-TW
CAR	299.81	1.69	TW-CAR
MC	301.5	0.82	CAR-MC
COM	302.32	0.4	MC-COM
CAR	302.72	0.44	COM-CAR
CAR	303.16	0.98	CAR-CAR
TW	304.14	0.75	CAR-TW
COM	304.89	3.94	TW-COM
HV	308.83	2.79	COM-HV
HV	311.62	0.92	HV-HV
COM	312.54	0.79	HV-COM
COM	313.33	1.92	COM-COM
TW	315.25	4.21	COM-TW
HV	319.46	0.4	TW-HV
HV	319.86	1.6	HV-HV
CAR	321.46	2.95	HV-CAR
TW	324.41	0.22	CAR-TW
TW	324.63	1.16	TW-TW
HV	325.79	0.5	TW-HV
COM	326.29	2.42	HV-COM
CAR	328.71	2.52	COM-CAR
HV	331.23	1.58	CAR-HV
CAR	332.81	3.78	HV-CAR
CAR	336.59	1.17	CAR-CAR
TW	337.76	1.36	CAR-TW
COM	339.12	1.04	TW-COM
COM	340.16	1.92	COM-COM
COM	342.08	1.67	COM-COM
TW	343.75	2.95	COM-TW
TW	346.7	2	TW-TW
MC	348.7	0.7	TW-MC
CAR	349.4	0.51	MC-CAR
MC	349.91	2.98	CAR-MC
COM	352.89	1.05	MC-COM
TW	353.94	2.86	COM-TW
TW	356.8	2.15	TW-TW
CAR	358.95	1.08	TW-CAR
TW	360.03	0.25	CAR-TW
MC	360.28	1.65	TW-MC
HV	361.93	3.05	MC-HV
COM	364.98	7.4	HV-COM
MC	372.38	1.58	COM-MC
COM	373.96	1.37	MC-COM
MC	375.33	1.18	COM-MC
MC	376.51	1.69	MC-MC
MC	378.2	0.11	MC-MC
CAR	378.31	0.89	MC-CAR
TW	379.2	2.68	CAR-TW
HV	381.88	6.87	TW-HV
MC	388.75	5.37	HV-MC
CAR	394.12	1.85	MC-CAR
CAR	395.97	1.94	CAR-CAR
COM	397.91	0.44	CAR-COM
MC	398.35	0.39	COM-MC
TW	398.74	3.81	MC-TW
MC	402.55	0.55	TW-MC
COM	403.1	0.88	MC-COM
CAR	403.98	0.23	COM-CAR
COM	404.21	2.44	CAR-COM
TW	406.65	0.72	COM-TW
MC	407.37	1.36	TW-MC
COM	408.73	0.27	MC-COM
COM	409	0.92	COM-COM
COM	409.92	1.59	COM-COM
CAR	411.51	2.96	COM-CAR
TW	414.47	0.46	CAR-TW
HV	414.93	2.45	TW-HV
TW	417.38	3.8	HV-TW
HV	421.18	3.51	TW-HV
HV	424.69	3.6	HV-HV
CAR	428.29	5.09	HV-CAR
HV	433.38	5.36	CAR-HV
HV	438.74	8.53	HV-HV
HV	447.27	1.42	HV-HV
COM	448.69	1.01	HV-COM
COM	449.7	0.18	COM-COM
COM	449.88	0.45	COM-COM
CAR	450.33	1.86	COM-CAR
COM	452.19	2.91	CAR-COM
HV	455.1	0.67	COM-HV
COM	455.77	2.56	HV-COM
COM	458.33	7.92	COM-COM
MC	466.25	2.55	COM-MC
CAR	468.8	2.63	MC-CAR
TW	471.43	1.19	CAR-TW
CAR	472.62	1.29	TW-CAR
COM	473.91	2.28	CAR-COM
CAR	476.19	3.52	COM-CAR
MC	479.71	1.98	CAR-MC
MC	481.69	2.64	MC-MC
TW	484.33	0.61	MC-TW
TW	484.94	0.6	TW-TW
HV	485.54	4.42	TW-HV
HV	489.96	1.44	HV-HV
TW	491.4	2.49	HV-TW
CAR	493.89	1.08	TW-CAR
COM	494.97	1.11	CAR-COM
CAR	496.08	4.12	COM-CAR
CAR	500.2	1.9	CAR-CAR
COM	502.1	0.55	CAR-COM
TW	502.65	2.5	COM-TW
COM	505.15	2.7	TW-COM
CAR	507.85	0.72	COM-CAR
TW	508.57	1.98	CAR-TW
HV	510.55	0.52	TW-HV
TW	511.07	4.38	HV-TW
COM	515.45	2.43	TW-COM
HV	517.88	2.75	COM-HV
HV	520.63	1.3	HV-HV
COM	521.93	1.48	HV-COM
MC	523.41	1.39	COM-MC
HV	524.8	0.57	MC-HV
TW	525.37	2.7	HV-TW
MC	528.07	1.31	TW-MC
MC	529.38	1.03	MC-MC
HV	530.41	4.77	MC-HV
COM	535.18	0.75	HV-COM
COM	535.93	0.29	COM-COM
CAR	536.22	1.23	COM-CAR
CAR	537.45	0.93	CAR-CAR
COM	538.38	1.55	CAR-COM
TW	539.93	2.36	COM-TW
CAR	542.29	2.21	TW-CAR
TW	544.5	2.75	CAR-TW
CAR	547.25	1.3	TW-CAR
TW	548.55	0.98	CAR-TW
MC	549.53	2.1	TW-MC
CAR	551.63	0.52	MC-CAR
HV	552.15	0.54	CAR-HV
MC	552.69	0.47	HV-MC
HV	553.16	0.73	MC-HV

CAR	364.8	1.61	MC-CAR
CAR	366.41	3.21	CAR-CAR
TW	369.62	1.2	CAR-TW
CAR	370.82	1.8	TW-CAR
COM	372.62	3.62	CAR-COM
MC	376.24	5.29	COM-MC
COM	381.53	7.43	MC-COM
MC	388.96	2.16	COM-MC
COM	391.12	1.05	MC-COM
MC	392.17	1.05	COM-MC
COM	393.22	2.82	MC-COM
HV	396.04	3.23	COM-HV
HV	399.27	1.71	HV-HV
CAR	400.98	2.13	HV-CAR
CAR	403.11	1.86	CAR-CAR
COM	404.97	0.42	CAR-COM
HV	405.39	3.06	COM-HV
HV	408.45	3.03	HV-HV
MC	411.48	4.78	HV-MC
CAR	416.26	2.18	MC-CAR
MC	418.44	3.75	CAR-MC
CAR	422.19	0.66	MC-CAR
CAR	422.85	3.36	CAR-CAR
CAR	426.21	1.56	CAR-CAR
TW	427.77	0.73	CAR-TW
MC	428.5	1.71	TW-MC
HV	430.21	1.19	MC-HV
HV	431.4	0.66	HV-HV
CAR	432.06	4.43	HV-CAR
CAR	436.49	2.21	CAR-CAR
CAR	438.7	2.12	CAR-CAR
TW	440.82	1.63	CAR-TW
MC	442.45	0.48	TW-MC
MC	442.93	2.57	MC-MC
MC	445.5	5.35	MC-MC
TW	450.85	4.27	MC-TW
HV	455.12	2.3	TW-HV
HV	457.42	2.04	HV-HV
TW	459.46	4.57	HV-TW
CAR	464.03	2.05	TW-CAR
MC	466.08	2.74	CAR-MC
CAR	468.82	3.55	MC-CAR
CAR	472.37	3.75	CAR-CAR
MC	476.12	4.57	CAR-MC
CAR	480.69	2.96	MC-CAR
HV	483.65	4.07	CAR-HV
COM	487.72	6.43	HV-COM
TW	494.15	2.24	COM-TW
HV	496.39	4.22	TW-HV
MC	500.61	0.95	HV-MC
CAR	501.56	1.9	MC-CAR
COM	503.46	0.3	CAR-COM
CAR	503.76	1.64	COM-CAR
HV	505.4	3.78	CAR-HV
MC	509.18	1.45	HV-MC
MC	510.63	0.55	MC-MC
MC	511.18	3.11	MC-MC
TW	514.29	2.56	MC-TW
CAR	516.85	1.53	TW-CAR
COM	518.38	1.89	CAR-COM
TW	520.27	1.96	COM-TW
HV	522.23	1.3	TW-HV
HV	523.53	0.17	HV-HV
MC	523.7	2.02	HV-MC
CAR	525.72	2.93	MC-CAR
MC	528.65	2.11	CAR-MC
HV	530.76	1.8	MC-HV
TW	532.56	2.65	HV-TW
COM	535.21	0.39	TW-COM
CAR	535.6	7.37	COM-CAR
MC	542.97	4.41	CAR-MC
HV	547.38	1.07	MC-HV
CAR	548.45	2.74	HV-CAR
CAR	551.19	3.45	CAR-CAR
COM	554.64	2.89	CAR-COM
HV	557.53	1.1	COM-HV
CAR	558.63	2.39	HV-CAR
TW	561.02	5.29	CAR-TW
CAR	566.31	6.21	TW-CAR
TW	572.52	2.72	CAR-TW
CAR	575.24	3.39	TW-CAR
MC	578.63	2.01	CAR-MC
TW	580.64	1.39	MC-TW
TW	582.03	1.31	TW-TW
HV	583.34	2.9	TW-HV
MC	586.24	0.73	HV-MC
COM	586.97	2.76	MC-COM
MC	589.73	0.88	COM-MC
CAR	590.61	2.88	MC-CAR
TW	593.49	2.04	CAR-TW
CAR	595.53	0.8	TW-CAR
HV	596.33	3.37	CAR-HV
TW	599.7	1.54	HV-TW
MC	601.24	1.49	TW-MC
HV	602.73	2.01	MC-HV
HV	604.74	2.71	HV-HV
COM	607.45	5.8	HV-COM
MC	613.25	5.14	COM-MC
HV	618.39	3.31	MC-HV
TW	621.7	2.71	HV-TW
HV	624.41	0.51	TW-HV
MC	624.92	5.01	HV-MC
HV	629.93	0.34	MC-HV
TW	630.27	5.24	HV-TW
CAR	635.51	0.77	TW-CAR
CAR	636.28	3.54	CAR-CAR
CAR	639.82	0.45	CAR-CAR
HV	640.27	1.27	CAR-HV
MC	641.54	4.39	HV-MC
MC	645.93	2.5	MC-MC
HV	648.43	1.52	MC-HV
MC	649.95	2.61	HV-MC
CAR	652.56	1.84	MC-CAR
HV	654.4	5.22	CAR-HV
CAR	659.62	2.79	HV-CAR
MC	662.41	1.87	CAR-MC
CAR	664.28	4	MC-CAR
COM	668.28	3.38	CAR-COM
TW	671.66	2.27	COM-TW
CAR	673.93	0.28	TW-CAR
TW	674.21	1.44	CAR-TW
CAR	675.65	4.31	TW-CAR
TW	679.96	0.71	CAR-TW
MC	680.67	4.33	TW-MC
TW	685	2.32	MC-TW
TW	687.32	3.35	TW-TW
COM	690.67	3.8	TW-COM
HV	694.47	2.8	COM-HV
HV	697.27	0.71	HV-HV
HV	697.98	1.61	HV-HV
COM	699.59	5.1	HV-COM
COM	704.69	0.94	COM-COM
TW	705.63	1.29	COM-TW
CAR	706.92	3.91	TW-CAR
COM	710.83	2.48	CAR-COM
CAR	713.31	0.98	COM-CAR
CAR	714.29	5.73	CAR-CAR
HV	720.02	3	CAR-HV
TW	723.02	2.14	HV-TW
TW	725.16	1.76	TW-TW
MC	726.92	1.32	TW-MC
CAR	728.24	5.48	MC-CAR
COM	733.72	3.05	CAR-COM
COM	736.77	1.65	COM-COM
HV	738.42	0.52	COM-HV
TW	738.94	2.91	HV-TW
CAR	741.85	1.41	TW-CAR
HV	743.26	1.9	CAR-HV
COM	745.16	2.84	HV-COM
HV	748	1.13	COM-HV

TW	720.47	2.31	HV-TW
COM	722.78	4.1	TW-COM
CAR	726.88	0.75	COM-CAR
HV	727.63	2.74	CAR-HV
MC	730.37	1.34	HV-MC
MC	731.71	2.01	MC-MC
CAR	733.72	3.46	MC-CAR
MC	737.18	2.62	CAR-MC
MC	739.8	4.07	MC-MC
MC	743.87	3.97	MC-MC
MC	747.84	2.91	MC-MC
CAR	750.75	0.68	MC-CAR
HV	751.43	1.1	CAR-HV
COM	752.53	3.19	HV-COM
CAR	755.72	5.64	COM-CAR
COM	761.36	1.5	CAR-COM
TW	762.86	2.04	COM-TW
CAR	764.9	5.11	TW-CAR
COM	770.01	1.37	CAR-COM
HV	771.38	5.2	COM-HV
COM	776.58	1.12	HV-COM
CAR	777.7	0.96	COM-CAR
HV	778.66	1.58	CAR-HV
CAR	780.24	2.1	HV-CAR
COM	782.34	1.53	CAR-COM
MC	783.87	3.47	COM-MC
HV	787.34	3.34	MC-HV
COM	790.68	1.65	HV-COM
TW	792.33	1.3	COM-TW
CAR	793.63	0.77	TW-CAR
CAR	794.4	2.84	CAR-CAR
CAR	797.24	1.85	CAR-CAR
CAR	799.09	4.12	CAR-CAR
TW	803.21	6.81	CAR-TW
MC	810.02	1.39	TW-MC
MC	811.41	1.69	MC-MC
CAR	813.1	3.18	MC-CAR
HV	816.28	2.52	CAR-HV
COM	818.8	6.04	HV-COM
CAR	824.84	0.84	COM-CAR
CAR	825.68	1.58	CAR-CAR
COM	827.26	1.25	CAR-COM
CAR	828.51	0.81	COM-CAR
COM	829.32	0.55	CAR-COM
COM	829.87	1.66	COM-COM
MC	831.53	4	COM-MC
MC	835.53	2.48	MC-MC
CAR	838.01	0.73	MC-CAR
HV	838.74	2.65	CAR-HV
HV	841.39	1.36	HV-HV
TW	842.75	4.62	HV-TW
HV	847.37	2.14	TW-HV
MC	849.51	3.55	HV-MC
TW	853.06	0.73	MC-TW
HV	853.79	5.66	TW-HV
CAR	859.45	2.23	HV-CAR
HV	861.68	1.65	CAR-HV
HV	863.33	1.86	HV-HV
HV	865.19	4.57	HV-HV
COM	869.76	7.48	HV-COM
CAR	877.24	2.29	COM-CAR
HV	879.53	1.72	CAR-HV
CAR	881.25	2.38	HV-CAR
TW	883.63	2.57	CAR-TW
CAR	886.2		TW-CAR

HV	553.89	0.35	HV-HV
MC	554.24	1.39	HV-MC
MC	555.63	1.38	MC-MC
TW	557.01	1.74	MC-TW
COM	558.75	4.6	TW-COM
MC	563.35	3.22	COM-MC
TW	566.57	3.34	MC-TW
TW	569.91	3.91	TW-TW
CAR	573.82	0.23	TW-CAR
CAR	574.05	0.6	CAR-CAR
TW	574.65	1.84	CAR-TW
CAR	576.49	2.79	TW-CAR
CAR	579.28	0.93	CAR-CAR
MC	580.21	4.85	CAR-MC
HV	585.06	0.78	MC-HV
COM	585.84	3.57	HV-COM
TW	589.41	1.36	COM-TW
HV	590.77	0.94	TW-HV
TW	591.71	0.69	HV-TW
HV	592.4	1.71	TW-HV
MC	594.11	2.68	HV-MC
COM	596.79	2.43	MC-COM
MC	599.22	3.07	COM-MC
TW	602.29	1.9	MC-TW
HV	604.19	2.28	TW-HV
MC	606.47	4.87	HV-MC
HV	611.34	0.7	MC-HV
TW	612.04	3.74	HV-TW
COM	615.78	0.62	TW-COM
COM	616.4	2.27	COM-COM
HV	618.67	0.88	COM-HV
TW	619.55	1.73	HV-TW
COM	621.28	2.63	TW-COM
TW	623.91	2.89	COM-TW
MC	626.8	1.32	TW-MC
CAR	628.12	4.22	MC-CAR
CAR	632.34	4.88	CAR-CAR
HV	637.22	0.62	CAR-HV
TW	637.84	3.55	HV-TW
MC	641.39	0.26	TW-MC
MC	641.65	1.08	MC-MC
TW	642.73	1.94	MC-TW
CAR	644.67	1.55	TW-CAR
CAR	646.22	1.35	CAR-CAR
COM	647.57	1.38	CAR-COM
TW	648.95	1.07	COM-TW
CAR	650.02	0.76	TW-CAR
TW	650.78	2.96	CAR-TW
MC	653.74	1.53	TW-MC
TW	655.27	1.07	MC-TW
CAR	656.34	6.97	TW-CAR
TW	663.31	2.8	CAR-TW
TW	666.11	2.15	TW-TW
CAR	668.26	3.79	TW-CAR
MC	672.05	1.07	CAR-MC
MC	673.12	1.14	MC-MC
COM	674.26	1.93	MC-COM
HV	676.19	3.1	COM-HV
COM	679.29	3.45	HV-COM
COM	682.74	0.84	COM-COM
TW	683.58	1.86	COM-TW
CAR	685.44	2.25	TW-CAR
TW	687.69	0.47	CAR-TW
HV	688.16	2.59	TW-HV
CAR	690.75	2.44	HV-CAR
MC	693.19	0.44	CAR-MC
HV	693.63	1.12	MC-HV
HV	694.75	1.96	HV-HV
COM	696.71	1.94	HV-COM
TW	698.65	1.18	COM-TW
COM	699.83	1.82	TW-COM
HV	701.65	0.03	COM-HV
COM	701.68	2.25	HV-COM
TW	703.93	5.01	COM-TW
COM	708.94	2.06	TW-COM
HV	711	1.26	COM-HV
HV	712.26	0.44	HV-HV
HV	712.7	3.09	HV-HV
HV	715.79	1.07	HV-HV
CAR	716.86	1.06	HV-CAR
MC	717.92	1.22	CAR-MC
COM	719.14	1.44	MC-COM
MC	720.58	1.06	COM-MC
CAR	721.64	2.37	MC-CAR
HV	724.01	0.56	CAR-HV
HV	724.57	2.74	HV-HV
MC	727.31	1.09	HV-MC
TW	728.4	0.91	MC-TW
MC	729.31	0.77	TW-MC
MC	730.08	2.33	MC-MC
HV	732.41	2.9	MC-HV
MC	735.31	3.9	HV-MC
TW	739.21	3.76	MC-TW
TW	742.97	2.8	TW-TW
TW	745.77	0.44	TW-TW
COM	746.21	0.61	TW-COM
TW	746.82	2.49	COM-TW
CAR	749.31	1.17	TW-CAR
MC	750.48	1.61	CAR-MC
HV	752.09	2.9	MC-HV
TW	754.99	0.82	HV-TW
CAR	755.81	0.4	TW-CAR
CAR	756.21	3.02	CAR-CAR
MC	759.23	2.27	CAR-MC
TW	761.5	0.3	MC-TW
CAR	761.8	2.46	TW-CAR
HV	764.26	2.03	CAR-HV
COM	766.29	3.46	HV-COM
MC	769.75	1.61	COM-MC
CAR	771.36	3.56	MC-CAR
HV	774.92	0.39	CAR-HV
CAR	775.31	4.39	HV-CAR
TW	779.7	2.4	CAR-TW
HV	782.1	1.6	TW-HV
TW	783.7	4.69	HV-TW
TW	788.39	2.66	TW-TW
CAR	791.05	1.59	TW-CAR
HV	792.64	0.88	CAR-HV
HV	793.52	3.97	HV-HV
MC	797.49	1.56	HV-MC
HV	799.05	1.42	MC-HV
HV	800.47	2.11	HV-HV
HV	802.58	0.96	HV-HV
HV	803.54	0.69	HV-HV
CAR	804.23	1.96	HV-CAR
HV	806.19	0.55	CAR-HV
HV	806.74	0.45	HV-HV
CAR	807.19	2.82	HV-CAR
MC	810.01	3.57	CAR-MC
TW	813.58	1.63	MC-TW
COM	815.21	5.12	TW-COM
CAR	820.33	4.1	COM-CAR
HV	824.43	1.89	CAR-HV
COM	826.32	1.45	HV-COM
MC	827.77	3.88	COM-MC
MC	831.65	1.52	MC-MC
TW	833.17	0.31	MC-TW
TW	833.48	1.6	TW-TW
CAR	835.08	1.9	TW-CAR
CAR	836.98	2.53	CAR-CAR
TW	839.51	0.7	CAR-TW
TW	840.21	1.51	TW-TW
MC	841.72	5.37	TW-MC
COM	847.09	4.37	MC-COM
HV	851.46	1.11	COM-HV
CAR	852.57	1.11	HV-CAR
HV	853.68	2.09	CAR-HV
TW	855.77	1.83	HV-TW
MC	857.6	2.92	TW-MC
MC	860.52	1.18	MC-MC
CAR	861.7	2	MC-CAR
HV	863.7	4.09	CAR-HV
MC	867.79	1.68	HV-MC
CAR	869.47	0.92	MC-CAR
MC	870.39	1.25	CAR-MC
CAR	871.64	2.01	MC-CAR
MC	873.65	4.8	CAR-MC
TW	878.45	2.32	MC-TW
CAR	880.77	3.59	TW-CAR
MC	884.36		CAR-MC

HV	749.13	0.19	HV-HV	
TW	749.32	1.01	HV-TW	
HV	750.33	2.21	TW-HV	
HV	752.54	4.88	HV-HV	
CAR	757.42	1.43	HV-CAR	
COM	758.85	4.78	CAR-COM	
CAR	763.63	0.49	COM-CAR	
TW	764.12	1.69	CAR-TW	
CAR	765.81	2.34	TW-CAR	
HV	768.15	3.99	CAR-HV	
CAR	772.14	1.5	HV-CAR	
MC	773.64	3.4	CAR-MC	
TW	777.04	3.7	MC-TW	
MC	780.74	3.58	TW-MC	
HV	784.32	3.7	MC-HV	
CAR	788.02	3.25	HV-CAR	
COM	791.27	6.21	CAR-COM	
MC	797.48	1.28	COM-MC	
HV	798.76	1.03	MC-HV	
HV	799.79	5.14	HV-HV	
HV	804.93	6.25	HV-HV	
COM	811.18	1.24	HV-COM	
COM	812.42	6.45	COM-COM	
MC	818.87	3.29	COM-MC	
TW	822.16	1.73	MC-TW	
HV	823.89	3.48	TW-HV	
TW	827.37	0.54	HV-TW	
CAR	827.91	2.28	TW-CAR	
CAR	830.19	1.51	CAR-CAR	
TW	831.7	2.75	CAR-TW	
COM	834.45	1.75	TW-COM	
HV	836.2	3.37	COM-HV	
HV	839.57	2.33	HV-HV	
HV	841.9	3.52	HV-HV	
HV	845.42	2.89	HV-HV	
HV	848.31	1.65	HV-HV	
COM	849.96	1.91	HV-COM	
MC	851.87	1.77	COM-MC	1
CAR	853.64	9.1	MC-CAR	1
TW	862.74	2.48	CAR-TW	1
CAR	865.22	2.06	TW-CAR	
CAR	867.28	1.71	CAR-CAR	
MC	868.99	2.9	CAR-MC	
HV	871.89	4.46	MC-HV	
MC	876.35	0.93	HV-MC	
COM	877.28	5.14	MC-COM	
CAR	882.42	4.08	COM-CAR	
CAR	886.5	2.48	CAR-CAR	
MC	888.98	2.09	CAR-MC	
HV	891.07	1.68	MC-HV	
MC	892.75		HV-MC	

ANNEX - 3 - Time Headway Data > 1200 Veh/hr Flow Range

Road Name	AB-042 Road	Vehicle summary	
From	Kandy	MC	64
To	Gatabe	TW	70
Side	LHS	CAR	76
Lane	Inner	COM	67
Video name	12150	HV	77
Time started	4:30 PM	SUM	354
Time finished	4:45 PM		
Traffic count (15Min)	354	Veh	
Traffic flow rate	1416	Veh/hr	
Category	Time (Sec)	Headway (Sec)	Pairwise
CAR	0	0.8	
CAR	0.8	1.85	CAR-CAR
MC	2.65	2.24	CAR-MC
COM	4.89	3.49	MC-COM
MC	8.38	5.02	COM-MC
TW	13.4	0.83	MC-TW
HV	14.23	0.77	TW-HV
HV	15	2.51	HV-HV
COM	17.51	3.86	HV-COM
COM	21.37	3.11	COM-COM
CAR	24.48	2.6	COM-CAR
HV	27.08	2.63	CAR-HV
CAR	29.71	5.56	HV-CAR
TW	35.27	0.41	CAR-TW
HV	35.68	4.31	TW-HV
COM	39.99	1.46	HV-COM
HV	41.45	2.52	COM-HV
CAR	43.97	5.68	HV-CAR
CAR	49.65	0.97	CAR-CAR
CAR	50.62	3.59	CAR-CAR
COM	54.21	0.92	CAR-COM
COM	55.13	9.25	COM-COM
HV	64.38	1.4	COM-HV
TW	65.78	2.45	HV-TW
COM	68.23	2.12	TW-COM
CAR	70.35	0.85	COM-CAR
COM	71.2	2.04	CAR-COM
TW	73.24	1.89	COM-TW
CAR	75.13	0.79	TW-CAR
HV	75.92	6.81	CAR-HV
COM	82.73	6.75	HV-COM
CAR	89.48	2.17	COM-CAR
COM	91.65	3.68	CAR-COM
CAR	95.33	2.85	COM-CAR
COM	98.18	3.82	CAR-COM
MC	102	1	COM-MC
TW	103	3.85	MC-TW
HV	106.85	2.6	TW-HV
HV	109.45	4.06	HV-HV
HV	113.51	1.33	HV-HV
MC	114.84	1.29	HV-MC
TW	116.13	2.98	MC-TW
CAR	119.11	1.71	TW-CAR
COM	120.82	1.56	CAR-COM
TW	122.38	2.41	COM-TW
TW	124.79	2.15	TW-TW
TW	126.94	1.86	TW-TW
CAR	128.8	3.13	TW-CAR
HV	131.93	1.55	CAR-HV
COM	133.48	2.53	HV-COM
CAR	136.01	1.5	COM-CAR
HV	137.51	3	CAR-HV
HV	140.51	3.49	HV-HV
MC	144	7.23	HV-MC
CAR	151.23	1.65	MC-CAR
HV	152.88	0.24	CAR-HV
CAR	153.12	1.43	HV-CAR
COM	154.55	1.86	CAR-COM
HV	156.41	1.72	COM-HV
HV	158.13	1.15	HV-HV
MC	159.28	2.6	HV-MC
COM	161.88	1.31	MC-COM
CAR	163.19	2.47	COM-CAR
HV	165.66	1.16	CAR-HV
HV	166.82	1.59	HV-HV
MC	168.41	1.44	HV-MC
TW	169.85	1.53	MC-TW
TW	171.38	1.22	TW-TW
COM	172.6	1.48	TW-COM
CAR	174.08	5.09	COM-CAR
MC	179.17	6.46	CAR-MC
COM	185.63	1.45	MC-COM
HV	187.08	2.49	COM-HV
HV	189.57	1.27	HV-HV
HV	190.84	2.12	HV-HV
HV	192.96	1.98	HV-HV
TW	194.94	1.65	HV-TW
MC	196.59	2.38	TW-MC
MC	198.97	3.87	MC-MC
COM	202.84	3.45	MC-COM
TW	206.29	0.93	COM-TW
CAR	207.22	9.01	TW-CAR
HV	216.23	3.96	CAR-HV
TW	220.19	3.03	HV-TW
TW	223.22	0.26	TW-TW
CAR	223.48	2.43	TW-CAR
HV	225.91	1.31	CAR-HV
MC	227.22	4.42	HV-MC
TW	231.64	8.18	MC-TW
CAR	239.82	0.93	TW-CAR
CAR	240.75	3.11	CAR-CAR
TW	243.86	2.48	CAR-TW
COM	246.34	3.29	TW-COM
MC	249.63	1.26	COM-MC
HV	250.89	3.35	MC-HV
TW	254.24	1.07	HV-TW
CAR	255.31	1.15	TW-CAR
MC	256.46	1.84	CAR-MC
HV	258.3	3.85	MC-HV
TW	262.15	3.07	HV-TW
MC	265.22	7.14	TW-MC
COM	272.36	4.8	MC-COM
TW	277.16	3.15	COM-TW
TW	280.31	3.52	TW-TW
COM	283.83	2.59	TW-COM
CAR	286.42	3.54	COM-CAR
TW	289.96	1.07	CAR-TW
TW	291.03	4.39	TW-TW
CAR	295.42	0.97	TW-CAR
COM	296.39	1.57	CAR-COM
COM	297.96	1	COM-COM
COM	298.96	2.83	COM-COM
COM	301.79	1.65	COM-COM
CAR	303.44	0.99	COM-CAR
COM	304.43	2.5	CAR-COM
CAR	306.93	0.85	COM-CAR
CAR	307.78	2.86	CAR-CAR
MC	310.64	4.24	CAR-MC
CAR	314.88	5.84	MC-CAR
TW	320.72	3.35	CAR-TW
CAR	324.07	0.46	TW-CAR
CAR	324.53	1.67	CAR-CAR
TW	326.2	2.23	CAR-TW
TW	328.43	0.79	TW-TW
HV	329.22	0.92	TW-HV
COM	330.14	0.76	HV-COM
TW	330.9	2.98	COM-TW
MC	333.88	1.4	TW-MC
TW	335.28	6.08	MC-TW
CAR	341.36	3.84	TW-CAR
COM	345.2	2.45	CAR-COM
MC	347.65	1.04	COM-MC
MC	348.69	2.79	MC-MC
HV	351.48	4.69	MC-HV
COM	356.17	2.81	HV-COM
CAR	358.98	4.68	COM-CAR
COM	363.66	1.73	CAR-COM
CAR	365.39	2.72	COM-CAR
MC	368.11	1.79	CAR-MC
COM	369.9	1.91	MC-COM
MC	371.81	5.03	COM-MC
HV	376.84	3.95	MC-HV
TW	380.79	3.71	HV-TW
HV	384.5	0.41	TW-HV
MC	384.91	2.87	HV-MC
CAR	387.78	2.71	MC-CAR
TW	390.49	1.86	CAR-TW
HV	392.35	2.04	TW-HV
CAR	394.39	2.4	HV-CAR
HV	396.79	2.74	CAR-HV
COM	399.53	3.98	HV-COM
HV	403.51	3.18	COM-HV
MC	406.69	4.47	HV-MC
HV	411.16	1.87	MC-HV
HV	413.03	2.54	HV-HV
MC	415.57	1.17	HV-MC
MC	416.74	6.07	MC-MC
HV	422.81	1.01	MC-HV
MC	423.82	2.78	HV-MC
TW	426.6	2.35	MC-TW
MC	428.95	0.59	TW-MC
TW	429.54	1.99	MC-TW
HV	431.53	2.37	TW-HV
HV	433.9	1.71	HV-HV
CAR	435.61	1.64	HV-CAR
TW	437.25	1.1	CAR-TW
MC	438.35	2.24	TW-MC
TW	440.59	1.76	MC-TW
MC	442.35	3.75	TW-MC
CAR	446.1	2.7	MC-CAR
CAR	448.8	1.13	CAR-CAR
TW	449.93	2.28	CAR-TW
MC	452.21	2.7	TW-MC
COM	454.91	0.75	MC-COM
CAR	455.66	1.78	COM-CAR
COM	457.44	1	CAR-COM
COM	458.44	5.96	COM-COM
CAR	464.4	4.46	COM-CAR
HV	468.86	2.55	CAR-HV
MC	471.41	1.15	HV-MC
COM	472.56	1.71	MC-COM
MC	474.27	1.93	COM-MC
CAR	476.2	5.03	MC-CAR
COM	481.23	0.85	CAR-COM
MC	482.08	5.08	COM-MC
CAR	487.16	4.61	MC-CAR
COM	491.77	3.24	CAR-COM
HV	495.01	2.84	COM-HV
CAR	497.85	3.43	HV-CAR
MC	501.28	2.42	CAR-MC
COM	503.7	1.88	MC-COM
MC	505.58	4.93	COM-MC
COM	510.51	8.75	MC-COM
COM	519.26	2	COM-COM
HV	521.26	8.22	COM-HV
TW	529.48	1.19	HV-TW
MC	530.67	0.37	TW-MC
TW	531.04	2.6	MC-TW
CAR	533.64	0.67	TW-CAR
CAR	534.31	4.53	CAR-CAR
HV	538.84	4.43	CAR-HV
MC	543.27	2.64	HV-MC
HV	545.91	3.95	MC-HV
COM	549.86	0.41	HV-COM
TW	550.27	1.28	COM-TW
COM	551.55	1.75	TW-COM
HV	553.3	1.44	COM-HV
HV	554.74	1.07	HV-HV
CAR	555.81	2.1	HV-CAR
MC	557.91	4.83	CAR-MC
TW	562.74	2.76	MC-TW
MC	565.5	3.51	TW-MC
MC	569.01	4.36	MC-MC
MC	573.37	1.97	MC-MC
HV	575.34	0.83	MC-HV
HV	576.17	2.89	HV-HV
COM	579.06	1.36	HV-COM
CAR	580.42	5.64	COM-CAR
HV	586.06	2.97	CAR-HV
COM	589.03	1.06	HV-COM
HV	590.09	1.42	COM-HV
TW	591.51	1.46	HV-TW
HV	592.97	0.81	TW-HV
TW	593.78	0.51	HV-TW
HV	594.29	1.65	TW-HV
COM	595.94	6.77	HV-COM
HV	602.71	1.3	COM-HV
MC	604.01	3.32	HV-MC
MC	607.33	0.7	MC-MC
CAR	608.03	3.76	MC-CAR
HV	611.79	2.49	CAR-HV
COM	614.28	3.23	HV-COM
MC	617.51	4.64	COM-MC
COM	622.15	3.95	MC-COM
COM	626.1	2.8	COM-COM
COM	628.9	5.55	COM-COM
CAR	634.45	1.01	COM-CAR
MC	635.46	0.75	CAR-MC
TW	636.21	1.19	MC-TW
CAR	637.4	3.61	TW-CAR
TW	641.01	7.65	CAR-TW
HV	648.66	0.68	TW-HV
CAR	649.34	3.43	HV-CAR
CAR	652.77	0.98	CAR-CAR
TW	653.75	1.03	CAR-TW
COM	654.78	0.5	TW-COM
COM	655.28	0.37	COM-COM
MC	655.65	2.38	COM-MC
HV	658.03	1.48	MC-HV
MC	659.51	0.77	HV-MC
HV	660.28	1.67	MC-HV
CAR	661.95	0.84	HV-CAR
TW	662.79	4.08	CAR-TW
MC	666.87	1.1	TW-MC
TW	667.97	1.01	MC-TW
MC	668.98	2.83	TW-MC
HV	671.81	0.67	MC-HV
MC	672.48	3.7	HV-MC
CAR	676.18	5.52	MC-CAR
HV	681.7	1.83	CAR-HV
CAR	683.53	2.92	HV-CAR
CAR	686.45	1.37	CAR-CAR
MC	687.82	1.16	CAR-MC
HV	688.98	4.08	MC-HV
CAR	693.06	1.83	HV-CAR
MC	694.89	1.9	CAR-MC
CAR	696.79	1.17	MC-CAR
MC	697.96	3.69	CAR-MC
HV	701.65	1.54	MC-HV
COM	703.19	3.88	HV-COM
MC	707.07	1.4	COM-MC
CAR	708.47	0.15	MC-CAR
COM	708.62	2.63	CAR-COM
TW	711.25	0.26	COM-TW
TW	711.51	1.67	TW-TW
TW	713.18	2.39	TW-TW
TW	715.57	2.62	TW-TW
MC	718.19	4.35	TW-MC
MC	722.54	5.41	MC-MC
MC	727.95	2.34	MC-MC
COM	730.29	3.73	MC-COM
TW	734.02	2.71	COM-TW
COM	736.73	1.33	TW-COM
CAR	738.06	1.57	COM-CAR
HV	739.63	0.38	CAR-HV
TW	740.01	1.49	HV-TW
HV	741.5	1.16	TW-HV
CAR	742.66	8	HV-CAR
TW	750.66	0.67	CAR-TW
TW	751.33	2.04	TW-TW
MC	753.37	0.54	TW-MC
CAR	753.91	2.34	MC-CAR
CAR	756.25	1.95	CAR-CAR
HV	758.2	5.48	CAR-HV
TW	763.68	2.06	HV-TW
MC	765.74	2.04	TW-MC
CAR	767.78	2.18	MC-CAR
TW	769.96	4.4	CAR-TW
COM	774.36	3.32	TW-COM
COM	777.68	0.37	COM-COM
COM	778.05	2.69	COM-COM
HV	780.74	3.47	COM-HV
CAR	784.21	4.28	HV-CAR
HV	788.49	2.09	CAR-HV
TW	790.58	2.55	HV-TW
MC	793.13	2.33	TW-MC
TW	795.46	1.09	MC-TW
TW	796.55	1.22	TW-TW
CAR	797.77	1.43	TW-CAR
COM	799.2	4.15	CAR-COM
HV	803.35	4.03	COM-HV
COM	807.38	2.51	HV-COM
TW	809.89	1.73	COM-TW
HV	811.62	4.63	TW-HV
MC	816.25	0.56	HV-MC
TW	816.81	0.8	MC-TW
CAR	817.61	2.8	TW-CAR
TW	820.41	4.07	CAR-TW
HV	824.48	0.86	TW-HV
MC	825.34	2.65	HV-MC
MC	827.99	1.57	MC-MC
CAR	829.56	2.89	MC-CAR
COM	832.45	1.75	CAR-COM
COM	834.2	2.15	COM-COM
HV	836.35	1.62	COM-HV
COM	837.97	0.55	HV-COM
HV	838.52	1	COM-HV
CAR	839.52	1.4	HV-CAR
CAR	840.92	1.42	CAR-CAR
CAR	842.34	1.57	CAR-CAR
TW	843.91	3.54	CAR-TW
MC	847.45	2.64	TW-MC
TW	850.09	1.29	MC-TW
HV	851.38	2.46	TW-HV
MC	853.84	0.89	HV-MC
CAR	854.73	3.45	MC-CAR
HV	858.18	2.63	CAR-HV
TW	860.81	1.81	HV-TW
HV	862.62	0.44	TW-HV
TW	863.06	2.17	HV-TW
CAR	865.23	3.55	TW-CAR
HV	868.78	2.33	CAR-HV
COM	871.11	0.75	HV-COM
CAR	871.86	2.9	COM-CAR
HV	874.76	1.02	CAR-HV
COM	875.78	2.6	HV-COM
TW	878.38	1.93	COM-TW
TW	880.31	0.36	TW-TW
HV	880.67	0.83	TW-HV
CAR	881.5	2.28	HV-CAR
COM	883.78	7.97	CAR-COM
HV	891.75	3.22	COM-HV
TW	894.97	1.08	HV-TW
TW	896.05		TW-TW

APPENDIX - 4:

ANNEX - 4 - Time Headway Data For Different Leader Follower Pairs

MC-MC	MC-TW	MC-CAR	MC-COM	MC-HV	TW-MC	TW-TW	TW-CAR	TW-COM	TW-HV	CAR-MC	CAR-TW
11.71	8.72	9.49	8.19	8.76	8.41	14.71	8.22	8.06	9.25	16.04	17.91
10.8	11.33	13.54	17.69	6.83	8.18	14.87	24.43	11.45	14.7	11.87	10.63
10.26	15.07	7.3	17.25	9.14	11.6	9.04	17.6	15.35	8.94	11.79	9.29
6.2	13.68	11.56	14.36	10.81	10.87	13.17	9.99		10.36	6.4	13.66
9.92	10.37	4.64	7.87	7.22	7.31	12.46	12.42	17.72	6.19	9.25	7.39
10.64	9.64	7.62	11.81	9.97	9.95	11.98		14.59	10.61	9.29	13.93
9.01	8.79	10.81	11.04	9.21	12.56	2.13	14.96	18.92	8.26	18.18	8.08
13.35	8.54	6.37	6.88	9.11	10.14	18.64	15.13	6.78	10.81	9.1	10.7
11.4	10.39	8.42	12.4	20.11	15.78	12.73	9.58	5.29	8.98	10.3	13.36
11.31	10.84	4.95	9.74	7.55	7.2	11.76	7.15	13.48	10.89	14.93	5.69
10.04	8.27	6.57	14.37	15.27	18.18	10.7	11.76	8.43	7.04	5.82	9.32
11.14	13.76	8.94	16.45		7.52		6.68	12.64	10.41	16.52	15.28
10.67	15.26	7.75	9.01	7.54	13.18	6.75	7.66	9.49	21.09	19.43	13.8
16.28	11.11	10.98	6.54	11.73	6.95	8.7	9.95	5.79	7.87	9.35	15.06
13.3	11.62	15.07	8.62	12.19	19.03	15.76	6.06	11.05	7.1	14.96	11.17
10.39	19.84	14.01	10.84	12.71	10.8	6.74	9.82	11.83	12.76	19.2	9.81
18.16	8.73	6.65	12.28	11.09	12.52	13.03	9.58	7.41	16.16	10.75	13.04
14.3	10.02	11.88	5.2	16.78	15.33	10.07	9.09	8.66	7.91	12.26	9.65
11.89	6.95	10.17	13.82	6.25	11.81	12.32	6.03	9.89	9.59	9.02	10.44
7.21	10.73	9.38	13.09	11.8	11.83	10.76	4.47	8.81	8.35	5.19	14.27
12.52	4.51	9.32	7.66	8.49	11.59	6.85	13.13	13.92	9.78	6.94	10.56
10.93	8.55	12.11	7.12	9.34	8.67	8.82	11.51	10.28	8.63	13.03	11.54
16.22	12.85	7.81	8.76	12.34	9.63	11.36	5.09	13.84	9.74	7.97	8.22
11.78	7.24	13.87	7.69	5.92	8.11	7.36	13.8	8.44	7.47	5.48	12.37
15.36	8.04	9.13	6.8	10.24	16.16	10.94	11.55	11.47	6.03	10.02	14.86
7	4.59	11.18	14.1	8.95	13.66	9.67	11.21	7.41	7.94	13.51	11.33
8.62	8.08	13.02	10.76	7.63	5.98	9.98	11.66	10.42	10.19	10.64	16.27
10.28	12.2	9.1	10.24	14.13	12.72	13.36	10.73	7.98	5.76	15.33	16.34
13.24	9.36	11.19	15.45	12.25	8.86	14.37	12.05	6.32	12.83	10.14	4.7
4.33	8.75	5.9	10.26	8.79	9.72	7.08	11.08	12.28	14.29	8.96	14.45
9.71	10.44	9.37	9.8	11.52	8.78	10.22	8.29	8.34	10.76	13.02	15.19
7.11	9.94	15.64	12.34	14.15	12.66	10.22	9.49	15.69	1.73	4.83	9.89
8.26	14.06	12.67	9.77	11.08	9.57	16.99	15.68	8.01	6.11	8.02	12.4
9.22	10.53	11.96	14.35	8.79	8.71	9.24	21.11	9.08	10.41	16.51	7.81
10.81	16.43	9.02	4.2	10.01	23.26	8.92	16.21	10.5	8.57	7.97	15.77
8.68	9.97	9.74	15.79	14.21	8.5	12.96	10.92	18.89	8.8	10.08	10.08
12.02	9.79	10.89	11.62	8.75	15.69	7.58	16.39	15.88	5.8	8.71	7.01
7.01	14.42	3.63	11.94	7.4	14.62	16.63	9.02	15.58	10.08	8.93	13.86
9.24	11.66	11.37	17.35	14.18	11.52	12.14	15.54	15.07	10.95		12.49
12.26	12.44	10.59	5.69	9.91	10.63	8.97	15.19	8.92	10.09	8.92	8.69
6.73	16.64	5.39	5.69	4.69	16.51	17.7	8.31	9.72	15.86	8.15	15.05
6.1	17.56	4.77	8.58	12.84	11.76	6.24	5.6	12.94	9.34	6.82	9.99
5.48	10.09	12.52	9.2	13.36	13.6	10.93	11.17	7.73	11.34	11.72	5.52
10.5	11.86	9.66	9.3	7.55	8.08	14.11	7.19	10.95	6.82	15.46	17.73
7.34	11.37	12.81	10.08	13.57	6.04	12.39	12.54	10.77	9.63	12.47	14.06
7.75	8.5	12.18	9.18	10.62	13.13	12.07	12.75	4.96	8.51	9.53	7.34
11.93	8.36	15.63	11.85	7.39	12.19	11.66	9.13	10.12	7.74	13.24	
10.92	13.11	9.05	5.87	13.88	10.8	4.11	10.58	13.86	11.68	12.1	13.52
16.12	15.34	9.9	5.45	16.5	11.2	7.81	10.22	11.03	5.58	11.09	8.99
16.95	12.04	10.32	9.34	13.12	7.96	10.98	6.15	7.2	10.13	5.5	8.24
13.89	12.76	7.69	6.98	9.58	10.16	8.96	6.81	14.68	7.31	7.64	10.96
16.57	7.08	8.33	12.73	13.48	5.27	10.25	6.72	9.34	19	7.08	12.37
11.72	15.9	5.81	15.33	8.93	6.84	10.84	17.14	6.11	13.31	11.04	17.76
10.65	6.56	10.71	7.64	7.76	17.63	7.39	13.3	1.89	7.84	14.72	10.33
12.51	14.9	14.95	16.47	12.26	12.9	6.84	6.22	11.39	11.91	8.2	10.33
9.06	7.3	13.48	6.99	23.23		11.02	5.42	10.47	6.71	11.95	6.02
9.51	7.91	4.61	6.53	11.31	10.1	8.26	12.43	14.26	6.89	9.3	11.76
9.42	7.86	5.43	13.1	12.73	15.34	8.15	7.39	11.48		13.09	8.85
7.76	4.23	10.02		13.65	8.38	8.77	16.04	12.5	4.58	12.39	13.01
10.65	10.04	18.57	13.26	11.73	14.6	13.54	9.17	6.46	8.84	12.12	7.87
16.93	12.11	8.76	14.39	9.53	6.73	13.36	12.11	7.75	17.6	15.26	8.88
11.79	16.01	7.31	7.72	7.52	15.25	10.03	9.55	12.23	3.77	11.74	7.82
10.38	11.19	6.05	11.99	11.65	11.43	6.92	12.48	7.68	13.77	7.86	14.95
11.99	4.94	7.51	8.61	11.6	10.9	9.37	11.33	14.64	20.19	9.64	13.95
10.52	14.18	15.48	10.46	16.36	8.77	5.27	15.56	8.25	13.42	7.34	5.5
13.38	15.53	8.51	8.41	12.04	9.37	15.41	17.42	10.9	4.8	11.44	14.37
9.63	10.54	15.4	20.23	8.67	7.1	10.02	7.97	6.29	19.5	9.49	12.3
9.68	10.51	13.66	15.77	6.11	6.01	14.3	7.72	7.11	7.39	11.06	11.58
11.18	14.77	7.4	8.22	13.42	5.89	8.2	11.23	7.66	6.18	11.41	11.9
12.67	14.08	13.17	7.66	7.7	13.25	21.3	13.23	11.8	11.81	4.22	9.91
9.84	10.49	7.89	11.15	9.9	15.02	8.91	15.49	10.27	10.94	6.53	10.01
10.31	14.11	10.81	7.08	14.56	9.29	10.71	10.51	13.09	8.21	7.03	20.13
10.44	11.94	3.15	1.15	9.02	5.58	9.56	15.33	11.73	16.37	9.13	6.63
5.58	7.49	12.23	15.41	10.28	14.57	13.89	12.26	13.14	9.1	12.47	3.72
9.89	10.64	18.65	7	8.33	13.3	5.95	9.81	11.57	8.14	11.39	7.7
8.71	3.78	7.6	9.36	11.9	4.81	8.44	5.82	8.77	6.57	9.45	6.32
7.72	7.53	12.23	15.18	11.46	9.3	8.04	9.35	12.32	14.62	13.01	12.43
6.68	7.21	10.14	4.43	10.54	13.64	7.35	7.52	9.12	5.84	15.21	14.92
4.63	7.99	5.09	7.24	12.27	7.9	9.43	7.83	12.57	6.76	11.59	9.22
6.11	5.74	13.88	8.86	12.4	12.03	10.49	5.27	7.84	7.61	8.46	7.09
8.88	11.95	3.35	3.23	7.43	8.41	6.05	8.61	8.96	8.93	3.9	5.02
7.92	7.72	10.46	1.51	2.41	7.53	13.51	8.26	6.62	12.3	8.35	16.01
7.66	9.34	14.01	6.83	10.64	4.79	9.47	13.24	7.3	7.93	8.52	3.41
14.13	9	11.12	4.38	17.45	5.78	7.57	15.69	5.92	8.27	5.59	14.38
5.79	9.72	8.89	3.38	12.05	12.32	9.91	7.39	11	6.41	14.42	9.55
7.85	11.89	6.59	1.3	5.91	13.67	11.42	10.59	13.19	6.26	5.58	10.22
9.7	9.74	3.8	3.68	15.8	6.05	0	8.82	10.65	16.45	8.78	9.33
9.55	6.12	2.37	5.21	4.79	13.03	3.18	9.4	9.42	6.62	8.65	6.35
8.38	0	4.26	6.32	9.73	9.41	4.23	11.8	9.91	11.36	8.95	10.42
12.4	1.89	4.06	1.8	1.51	0	2.2	9.27	9.9	7.29	5.05	9.52
6.63	5.36	5.52	9.27	2.46	6.88	4.99	9.41	9.78	7.49	5.05	9.51
10.35	4.02	2.89	2.07	2.26	4.26	1.9	5.46	6.42	5.62	2.5	8.67
11.55	3.55	1.46	1.09	1.23	3.07	3.99	6.58	5.3	5.62	1.8	6.91
6.77	0.77	1.91	0.63	1.98	4.97	0.84	1.52	8.5	4.6	3.63	11.79
4.04	4.99	3.27	1.62	1.36	1.31	2.55	4.45	3.17	2.26	5.08	7.41
2.02	4.5	6.14	0.45	2.18	6.7	3.12	4.16	3.17	3.35	3.7	2.9
2.37	4.89	5	4.87	9.52	3.56	3.51	7.47	2	5.19	2.55	3.83

2.37	4.89	5	4.87	9.52	3.56	3.51	7.47	2	5.19	2.55	3.83
0.68	1.61	2.11	1.88	1.39	3.87	3.94	2	2.88	1.89	0.98	3.39
5.01	2.5	3.36	3.32	3.27	7.35	4.62	3.13	6.38	3.76	3.06	5.8
2.61	2.92	1.53	3.04	4.96	2.41	4.96	7.8	4.43	1.9	3.14	4.62
3.37	4.28	1.6	1.42	5.86	4.21	4.13	8.17	2.73	3.38	2.57	3.8
4.71	1.45	1.68	2.28	4.24	6.55	2.23	8.34	6.54	3.99	5.4	2.47
2.11	2.13	1.8	4.76	0.72	2.74	5.62	4.11	6.47	1.89	1.22	4.41
3.33	6.16	3.09	2.69	1.35	5.95	1.6	0.89	5.77	2.87	3.15	3.12
0.84	2.74	3.99	5.72	3.24	4.06	2.8	4.08	1.78	5.14	2	4.09
4.58	3.57	5.62	8.68	6.62	2.1	4.32	5.06	3.43	7.18	3.23	3.52
2.95	4.48	3.37	3.62	2.68	3.15	4.47	3.93	6.48	4.07	6.57	2.4
3.75	1.14	8.09	3.93	4.93	2.53	4.9	1.76	2.87	2.81	6.3	5.56
1.79	1.07	2.93	3.75	6.1	5.29	3.52	4.73	1.65	2.7	1.09	3.1
1.64	0.49	8.97	4.67	2.05	2.97	5.83	2.1	4.28	1.18	2.36	3.76
0.99	2.2	5.63	2.42	1.26	2.12	1.81	0.89	6.99	2.01	2.18	3.52
2.53	1.53	1.88	3.26	1.72	2.9	1.8	1.11	1.18	0.78	2.2	8.23
5.39	1.52	4.36	3.01	2.06	10	5.32		1.75	4.59	6.88	3.88
1.73	2.72	2.54	3.33	2.33	3.02	0.75	2.39	2.71	3.61	2.33	2.39
3.39	1.67	3.52	1.57	4.53	5.54	3.61	3.7	5.01	1.49	6.23	4.54
3.34	2.94	1.57	4.42	2.06	3.17	4.97	5.42	3.27	3.7	3.99	3.19
6.03	2.59	2	3.46	3.19	3.78	3.3	3.9	4.69	4.17	4.91	2.75
3	3.8	6.35	5.09	1.99	3.71	5.18	1.89	4.1	2.06	6.73	2.52
3.66	1.88	4.72	3.63	0.5	3.96	7.16	2.66	2.41	5.43	3.42	2.2
3.41	3.99	5.35	3.3	5.14	6.67	6.56	4.52	2.75	2.51	2.46	3.59
3.41	5.23	9.07	4.44	4.57	4.68	7.05	2.79	4.84	3.98	3.84	5
4.91	3.69	3.27	8.27	2.66	5.7	4.49	1.57	6.01	6.15	6.32	3.27
2.35	3.38	5.43	6.48	2.1	3.53	5.31	6.56	3.8	5.8	4.35	5.09
3.33	3.94	5.04	11.13	2.26	2.79	3.53	10.38	5.11	3.8	9.17	4.52
5.45	3.4	1.93	7.05	4.52	1.83	4.91	2.17	3.82	0.48	9.91	3.72
6.8	6.67	1.94	4.93	2.61	4.59	2.32	3.48	2.52	6.85	14.82	6.52
3.3	4.79	0.89	4.59	1.95	1.5	5.41	2.68	6.45	4.63	10.87	4.11
3.58	3.81	2.06	9.09	5.29	2.27	1.85	6.48	3.91	3.25	11.8	6.15
3.22	2.08	6.02	1.19	7.32	3.77	3.45	3	1	2.56	9.63	5.84
2.77	4.95	3.88	5.24	5.34	2.3	7.12	7.57	5.77	4.83	8.66	4.17
3.06	5.43	3.82	5.41	2.96	4.23	5.8	6.89	7.86	5.13	0.97	1.64
2.68	4.9	6.25	3.35		6.87	2.08	3.41	8.2	8.55	1.9	3.86
1.87	5.99	9.06	4.51	6.68	7.01	5.65	4.72	8.04	12.46	3.8	4.12
5.84	4.4	6.53	1.97	4.7	4.38	1.15	8.47	5.53	6.17	0.9	4.87
6.46	3.82	3.42	5.13	5.47	6.68	4.01	3.64	5.16	4.3	1.63	2.01
8.17	4.01	3.03	3.13	5.1	6.81	2.31	6.75	2.55	4.46	2.28	6.34
6.08	4.1	1.8	2.54	11.41	0.85	2.34	3.01	6.26	2.6	1.45	0.94
2.92	8.54	3.71	2.56	12.39	5.54	1.84	5.83	4.06	1.29	1.39	2.97
2.88	6.3	2.3	1.51	1.72	3.51	2.7	3.56	4.81	5.37	8.03	3.5
3.09	3.83	3.85	4.91	8.7	8.4	2.89	3.18	1.78	2.02	9.83	2.08
5.8	4.68	3.31	3.18	1.43	1.85	2.12	8.66	3.79	2.9	2.38	0.72
11.08	1.56	5.46	0.63	5.67	4.61	2.97	2.46	0.77	3.69	4.56	5.38
3.33	1.69	3.42	2.54	1.31	1.55	3.12	5.94	1.34	2.04	4.6	1.15
0.73	1.16	3.45	1.98	7.06	4.89	1.45	4.74	0.81	1.66	3.61	5.09
3.43	2.05	5.02	2.42	3.4	2.04	3.04	7.03	5.21	8.32	2.81	1.19
5.55	8.75	2.4	2.03	3.52	3.25	3.28	1.43	4.01	2.37	1.9	2.39
3.98	4.94	5.58	2.12	1.77	2.49	7.79	2.3	4.78	2.02	1.54	6.38
2.29	1.57	4.64	5.4	5.85	1.13	3.37	1.12	1.47	2.92	1.36	6.53
4.42	0.76	4.19	2.98	4.98	1.88	4.36	4.83	3.59	1.65	1.11	0.86
6.41	6.51	6.56	2.85	6.51	3.31	2.67	2.95	0.55	5.71	4.55	3.14
3.02	3.64	4.21	7.23	2.71	4.26	2.59	9.16	5.87	4.55	7.33	7.16
2.32	2.82	0.75	1.97	0.95	5.64	5.52	1.9	2.02	1.44	3.31	6.28
2.8	9.33	5.58	1.71	3.39		5.18	4.77	6.85	2.36	4.15	6.05
5.12	3.96	3.5	7.25	1.66	5.09	2.14	4.08	2.37	3.94	1.75	5.04
5.97	5.05	5.34	6.81	1.29	4.95	5	1.2	0.62	3.39	0.49	5.66
4.98	1.84	5.38	5.15	1.92	4.22	5.2	1.31	3.22	6.13	1.56	3.71
9.72	6.63	5.76	5.97	2.44	2.41	7.07	2.23	1.86	2.58	4.65	3.04
2.6	6.26	6.54	5.77	4.73	3.28	4.41	7.32	3.54	2.31	2.07	7.93
6.8	8.55	7.95	2.99	3.22	3.88	5.37	1.73	9.54	3.87	2.56	6.76
2.63	2.78	2.43	3.59	4.05	1.64	4.75	3.83	1.32	2.85	2.85	8.63
	2.54	7.74	1.76	1.25	4.2	4.38	1.88	4.47	4	4.37	1.59
1.86	6.85	8.6	0.72	1.64	5.15	7.22	2.98	2.44	2.83	2.07	1.31
3.56	6.91	6.31	2.39	4.03	1.23	7.91	3.54	4.37	4.5	4.53	3.97
4.81	2.15	5.4	2.04	0.83	2.36	6.05	3.45	4.34	2.08	3.87	3.92
2.55	7.01	2.17	4.41	3.54	4.14	6.04	3.1	2.82	3.84	5.21	2.06
1.35	3.42	3.78	3.44	4.42	3.06	9.43	6.54	2.85	7.17	5.38	5.95
2.57	2.39	6.61	1.18	3.44	6.1	3.41	1.29	4.24	3.29	4.68	4.11
5.5	2.32	1.47	10.96	1.75	8.21	5.25	5.78	10.7	1.57	6.28	7.95
3.4	3.99	3.75	4.11	4.59	5.98	3.91	7.51	4.6	3.21	3.79	5.21
3.74	2.05	1.12	3.69	4.72	5.08	2.1	7.28	2.4	4.61	3.78	1.76
2.62	4.47	5.68	4.78	9.47	1.53	4.41	5.91	3.9	2.81	3.03	1.35
2.3	4.81	1.1	5.45	6.34	3.81	5.27	8.21	7.73	4.04	3.13	2.09
2.62	6	5.41	2.01	1.4	2.08	2.71	6.15	2.66	4.2	5.16	5.13
4.52	6.03	2.8	1.27	5.19	3.53	9.29	6.06	5.08	3.66	4.36	2.16
3.31	3.27	2.77	4.6	2.2	3.78	11.16	4.85	1.93	2.13	3.71	3.96
4.5	4.8	4.79	5.35	1.04	5.43	7.04	2.48	6.43	5.29	1.88	2.85
1.15	1.38	5.93	2.65	1.47	2.71	3.06	5.03	3.6	5.36	4.58	3.27
5.59	3.95	4.61	1.49	4.85	1.46	6.37	6.53	4.91	3.78	5.69	1.78
2.24	3.78	12.24	9.02	3.02	3.16	4.35	6.3	1.36	7.58	3.74	2.11
3.48	3.18	1.85	8.01	3.43	3.46	2.39	2.19	3.72	2.46	2.23	3.17
4.35	4.63	2.34	4.68	3.37	2.65	2.71	5.26	4.97	7.49	2.54	5.56
9.09	2.7	2.88	6.94	1.43	1.96		2.28	0.66	2.11	5.01	1.5
10.31	11.48	1.17	3.05	5.49	0.73	6.07	3.89	1.04	2.23	1.94	5.98
7.04	4.93	2.57	1.12	1.7	3.7	3.27	2.57	1.87	2.52	4.04	7.33
1.5	6.42	2.24	4.54	2.95	4.92	3.51	1.78	0.99	5.79	1.27	10.75
4.62	7.35	2.1	2.14	3.87	1.07	0.94	1.61	2.79	9.01	3.51	4.85
2.53	4.48	1.55	3.45	4.25	2.26	3.85	2.04	2.19	3.14	2.79	14.84
2.84	9.89	5.14	1.38	9.76	5.75	1.32	2.55	2.84	4.05	6.76	8.27
1.35	2.43	1.35	5.6	3.9	2.86	4.96	4.93	7	6.17	5.91	2.29
2.58	0.85	3.25	7.77	2.76	1.35	1.3	4.38	7.61	2.05	4.64	2.6
1.64	0.16	1.51	2.89	6.86	9.2	3.96	3.75	2.16	2.86	6.52	5.31
1.11	1.91	8.03	0.94	8.29	4.47	5.29	1.8	3.89	5.21	3.31	4.78
1.8	2.1	0.91	2.69	7.82	4.32	5.35	3.61	16.93	3.07	1.4	2.22
5.18	2.19	4.36	2.6	5.76	1.21	5.44	9.47	6.08	6.52	2.44	2.46
4.41	1.32	4.55	2.27	11.54	4.5	1.56	10.02	10.01	2.83	2.94	2.41
1.74	4.49	4.13	4.21	6.71	3.49	2.42	7.41	8.18	4.37	1.37	2.52
1.9	1.76	4.04	2.5	6.52	3.53	4.4	5.99	8.71	3.04	6.05	2.42

4.16	5	4.21	1.68	1.51	5.04	2.13	7.32	6.5	8.56	3.99	3.1
1.75	2.91	1.77	0.65	3.36	3.58	3.86	5.13	12.14	2.71	7.39	2.13
2.25	4.21	1.07	3.99	4.47	4.83	3.65	1.78	2.05	10.9	5.69	1.99
3.79	5.23	2.35	3.92	5.25	1.63	4.59	1.92	3.93	9.97	3.91	3.38
3.67	1.82	1.38	1.58	1.65	3.94	4.72	4.54	2.05	2.63	5.21	4.51
2.81	4.96	4.33	4.35	5.48	2.71	3.81	4.59	1.25	5.38	0.93	2.49
8.93	1.12	0.6	3.59	1.48	6.37	0.69	2.36	3.25	0.54	4.16	2.36
2.52	1.03	0.36	3.46	8.7	2.95	2.03	7.22	1.61	1.92	3.43	0.93
1.83	3.49	3.91	1.8	0.48	1.58	1.63	2.9	4.44	2.99	8.03	4.96
2.13	1.49	1.03	2.8	2.2	2.68	7.32	2.32	3.72	1.3	1.1	3.45
3.65	2.2	2.89	5.89	0.61	1.87	5.11	2.86	3.82	0.84	4.13	1.1
1.56	0.91	6.52	3.02	1.43	2.66	3.34	3.99	3.4	4.89	2.88	1.25
3.59	4.38	1.33	4.85	2.16	1.07	4.04	5.97	3.48	2.81	8.49	1.26
1.26	3.58	2.43	7.92	1.13	1.62	1.88	2.39	2.96	3.47	3.64	0.96
2.98	3.1	1.9	2.43	1.14	8.08	1.46	3.23	1.38	3.24	3.99	3
5.72	3.23	2.27	3.55	0.91	1.34	1.53	2.33	4.21	2.36	2.46	2.39
2.67	1.65	2.28	4.49	2.72	6.46	6.97	5.31	1.82	0.44	2.33	3.71
1.37	4.51	5.42	6.65	3.17	5.05	3.76	4.37	7.9	4.95	3.05	1.69
4.41	2.32	4.76	7.98	4.16	3.41	4.18	1.92	2.51	1.05	4.39	0.85
4.08	3.31	3.09	2.07	3.55	1.25	3.78	3.29	1.39	4.46	3.29	3.21
1.72	7.56	0.91	1.82	6.78	5.21	0.33	6.41	2.05	2.42	2.35	2.86
5.28	0.18	2.31	4.45	3.53	6.78	1.92	4.69	3.99	5.93	1.69	1.89
1.17	8.68	2.79	2.67	5.15	1.38	4.44	2.93	3.46	1.1	2.04	2.83
3.23	5.04	4.38	2.81	2.92	3.15	4.77	2.51	3.38	1.14	2.32	3.53
4.71	1.09	2.76	2.06	5.03	3.45	5.57	4.32	1.83	3.48	3.73	0.53
2.16	2.9	5.29	2.86	5.93	2.38	1.26	1.11	4.16	1.37	3.39	5.1
3.71	2.97	3.22	3.41	1.27	2.03	2.41	3.63	3.27	3.58	2.73	1.67
0.53	4.36	3.08	3.28	5.94	3.79	1.04	1.19	2.89	1.6	1.19	2.14
1.29	0.21	10.32	1.54	2.74	4.24	4.84	1.8	3.9	1.64	1.76	1.33
4.08	4.59	4.17	3.16	1.89	3.06	3.74	4.91	1.26	2.63	2.38	2.68
3.38	3.81	2.6	1.59	4.84	1.62	2.89	2.12	1.44	4.46	2.82	0.61
5.63	1.1	1.11	1.28	3.01	3	3.43	4.86	5.95	3.92	0.95	1.45
1.22	1.55	1.21	1.29	0.94	1.06	1.12	2.19	2.67	3.64	1.38	4.58
5.08	4.54	2.07	3.85	1.59	4.6	1.19	4.7	4.15	0.51	0.26	0.73
0.74	5.72	2.39	4.57	4.48	3.57	3.77	1.1	2.33	3.37	2.98	1.42
3.63	2.1	7.61	4.13	0.74	0.4	2.85	2.43	2.86	4.65	1.71	6.16
2.41	2.35	1.74	2.29	2.16	6.98	3.29	1.36	2.97	7.52	7.69	2.3
4.14	1.82	4.43	4.39	2.63	3.2	3.12	1.94	5.38	2.28	0.83	0.49
1.22	1.43	4.22	1.64	2.09	0.43	2.57	0.65	4.24	1.31	1.49	0.79
3.9	10.25	7.41	1.62	3.73	0.33	4.34	2.68	2.51	4.21	4.95	4.51
2.95	3.87	2.06	6.28	1.09	3.42	3.07	5.39	1.44	4.82	2.27	3.74
3.42	0.77	2.99	2.2	3.53	3.71	5.49	1.04	0.47	2.63	4.07	2.55
1.44	2.41	3.14	3.12	1.86	7.96	0.77	8.98	1.82	4.51	1.93	5.67
5.75	2.41	1.46	1.83	1.47	3.17	4.83	3.18	1.03	0.86	5.33	1.55
2.42	2.95	5.48	2.34	1.21	2.53	2.7	2.27	3.43	1.98	2.16	1.75
4.4	2.15	4.07	2.26	1.46	2.23	7.82	3.05	6.09	4.91	4.24	2.79
1.87	3.54	4.94	1.82	2.22	0.78	3.73	2.35	1.1	6.62	3.76	3.52
3.4	7.22	6.21	2.45	6.04	3.74	1.87	4.57	4.67	3.02	2.96	4.93
1.7	3.58	4.7	2.46	1.72	2.76	5.82	1.98	7.25	4.38	5.84	1.09
4.63	1.96	0.34	1.23	5.2	5.56	1.4	5.94	1.69	3.71	2.01	2.66
3.01	0.92	5.19	2.73	3.45	4.57	0.93	3.05	2.33	4.93	2.58	2.19
1.67	9.17	5.66	1.7	2.13	5.35	3.2	1.99	2.7	1.77	1.52	1.21
1.3	11.51	5.07	5.34	1.77	3.2	14.08	2.8	1.54	0.91	1.04	4.09
2.41	3.51	1.22	1.43	7.88	3.07	2.74	1.86	2.56	4.26	2.91	4.17
0.89		2.44	1.55	3.82	2.56	3.47	2.65	2.6	1.84	6	4.32
3.89	9.97	3.19	2.32	2.77	4.55	3.6	1.53	6.45	1.53	2.87	4.13
6.55	3.22	9.64	2.73	0.84	4.2	5.66	0.86	3.47	2.4	1.21	1.98
2.26	2.11	2.85	1.91	3.53	4.34	4.65	1.64	2.42	0.52	2.48	4.3
8.81	4.58	0.77	2.74	1.37	6.4	2.69	3.94	2.04	4.52	0.43	4.91
4.96	3.39	6.37	7.15	1.34	3.34	0.96	1.2	3.31	6.62	4.61	0.34
2.64	2.64	3.39	1.49	5.18	3.29	7.03	2.05	3.43	3.74	1.49	3.83
2.03	2.27	3.47	3.46	2.34	4.77	1.33	2.29	4.17	3.19	1.72	2.48
5.02	3.26	4.59	6.77	0.79	11.44	3.42	2.2	9.08	5.04	1.87	4.8
1.74	7.84	3.26	1.74	3.24	4.31	7.88	4.06	4.4	3.46	5.19	2.91
5.83	3.96	1.03	2.17	3.51	4.31	3.6	3.61	8.48	0.71	4.67	5.74
2.58	2.97	2.19	1.33	2.84	2.42	4.1	4.19	2.42	1.17	2.09	4.64
3.34	5.18	2.47	6.72	1.85	5.69	1.69	3.77	2.1	5.53	2.85	4.49
1.18	5.33	7.01	2.4	0.38	4.11	3.36	3.2	4.63	6.68	3.96	4.32
0.49	3.06	5.1	4.67	2.58	4.55	5.5	2.18	3.18	4.94	3.08	1.11
2.85	3.65	1.3	1.2	3.77	3.12	3.44	3.5	4.88	1.4	3.19	2.81
3.67	3.42	5.05	3.95	4.62	6.12	2.7	5.19		2.99	1.59	2.45
2.35	2.42	0.49	5.03	6.11	2.18	4	7.39	2.41	2.43	3.98	2.18
2.76	1.44	1.87	2.08	6.49	5.53	3.8	6.93	6.28	3.92	2.66	3.15
1.16	3.47	2.22	1.85	1.87	10.45	2.99	4.31	4.28	3.87	2.48	5.2
0.44	4.96	1.26	1.46	2.69	2.67	3.54	7.62	2.32	7.96	0.53	2.61
1.12	4.53	0.94	6.39	6.8	6.05	3.29	2.13	2.23	2.96	1.23	5.62
2.42	1.01	2.14	6.26	6.34	1.87	2.75	2.88	3.2	6.96	2.77	2.16
1.79	5.1	5.16	4.4	1.62	3.62	1.48	5.06	4.49	6.33	0.91	3.64
3.23	1.64	1.63	8.79	6.79	2.28	2.1	8.25	4.14	1.53	1.35	3.77
3.7	1.15	4.08	1.72	2.91	5.4	2.8	1.54	3.21	4.19	1.15	6.27
6.3	5.1	1.22	1.32	5.57	5.64	3.03	6.42	4.32	2.32	4.85	2.52
2.51	1.08	1.26	2.33	5.01	3.79	1.16	1.03	9.71	2.84	4.68	3.34
1.42	1.73	1.19	2.94	3.35	3.98	2.46	3.02	3.57	4.86	6.38	1.13
4.9	1.7	3.48	2.19	3.25	2.31	4.03	4.63	1.4	1.39	2.9	2.33
1.25	4.04	3.63	1.9	2.79	2.39	4.26	2.04	2.81	4.02	0.55	2.89
1.65	1.9	4.15	1.76	2.78	3.8	3.71	7	1.47	3.62	2.96	1.62
4.65	1.55	4.92	4.34	0.83	0.98	3.18	2.96	0.91	6.44	0.88	4.54
4.57	0.58	2.17	10.51	1.94	1.8	2.24	2.06	8.59	4.07	1.3	2.02
5.27	1.71	2.7	3.52	3.47	2.85	9.9	2.82	2.13	4.17	2.33	3.69
1.54	1.47	5.45	0.73	1.32	2.98	2.15	4.2	0.82	1.37	4.44	6.73
5.44	1.62	3.16	5.88	2.5	9.21	3.6	1.91	5.05	2.6	4.29	4.86
1.08	6.54	2.74	1.99	4.87	3.72	3.07	1.98	1.56	4.09	5.35	5.11
2.28	6.34	3.17	4.66	1.67	2.87	2.19	8.56	2.52	4.18	1.56	2.93
4.72	1.23	6.9	2.95	3.28	3.32	3.06	1.57	3.18	3.83	7.25	5.57
5.93	3.14	2.84	3.27	3.44	5.11	3.81	1.22	3.65	0.85	3.33	4.53
4.29	2.96	5.95	1.68	0.38	2.13	3.62	1.51	3.89	2.88	1.99	1.77
2.14	6.1	1.98	3.1	2.97	3.44	3.13	2.21	5.65	1.9	4.02	2.38
6.21	7.21	3.03	2.32	1.92	2.97	2.34	2.45	4.25	1.69	4.59	3.48
5.41	2.33	1.73	1.66	3.34	0.7	2.58	2.94	3.11	0.79	5.17	5.51
1.76	7.68	3.13	2.45	3.49	1.14	1.11	4.06	1.6	0.76	0.75	3.72

3.79	8	1.65	2.21	7.41	4.48	5.76	6.25	3.75	2.46	0.46	2.05
4	3.21	3.52	2.7	0.88	4.3	2.69	1.38	2.95	2.23	4.91	3.61
3.71	1.2	1.99	11.35	4.52	1.27	3	0.54	0.64	1.59	3.62	7.27
2.54	1.14	1.55	2.36	6.02	3.13	0.15	1.97	5.55	2.97	1.92	1.18
1.73	3.29	1.28	3.35	2.71	5.38	1.92	4.11	0.41	4.3	1.58	4.3
5.28	3.32	3.94	1.41	3	4.62	4.95	2.49	3.82	4.84	3.56	1.24
2.3	5.4	2.58	1.04	2.49	2.47	6.49	3.02	3.66	0.53	5.18	2.68
0.86	4.22	4.74	4.83	3.09	2.65	1.89	2.29	4.17	7.97	2.42	5.19
2.47	4.6	5.34	1.94	2.59	1.45	6.63	2.03	1.26	1.35	2.39	5.36
4.79	0.68	2.53	3.3	4.77	5.24	3.53	2.2	1.99	3.62	2.62	2.77
3.03	2.92	3.93	2.79	1.46	7.63	1.7	4.91	4.85	7.44	6.67	1.83
2.4	2.41	4.63	2.71	5.36	0.94	3.91	6.51	5.54	6.99	1.42	1.54
5.61	3.65	2.68	1.91	2.94	2.03	4.54	5.72	3.33	2.68	0.92	2
5.44	2.33	4.25	1.25	4.27	7.75	2.02	3.25	2.14	3.46		2.67
5.36	5.2	0.55	2.2	1.61	1.96	2.67	7.74	1.02	3.15	2.85	2.19
4.04	1.66	3.99	3.98	1.7	1.16	3.5	0.73	6.93	4.47	4.8	1.89
2.36	4.36	4.24	4.77	5.43	1.84	2.94	4.84	0.75	5.31	2.53	1.74
2.31	4.57	3.7	3.81	2.85	6.44	0.79	2.61	3.4	4.32	0.7	6.01
2.33	5.51	1.96	2.31	2.57	1.36	2.55	0.42	2.38	6.49	2.42	1.57
2.86	2.39	4.9	1.82	1.85	2.8	1.6	2.14	3.94	5.41	1.76	1.97
1.68	4.29	3.14	2.46	3.87	3.38	3.33	3.54	3.77	2.22	3.95	3.31
2.48	2.25	1.94	4.39	2.52	5.08	1.7	1.72	2.3	1.96	1.26	2.02
1.08	3.26	1.45	1.74	1.44	2.34	1.1	2.1	6.63	2.59	2.71	2.03
3.06	2.43	1.18	3.41	3.05	5.18	3.55	2.83	1.55	3.51	3.9	2.2
3.11	4.85	2.69	4.28	5.79	5.24	1.45	4	5.24	1.75	3.94	0.88
0.86	8.35	3.6	2.89	1.36	6.09	3.16	2.25	3.56	5.21	5.83	1.14
1.86	2.75	4.45	2	2.95	3.66	5.57	3.84	2.16	3.41	2.87	2.12
5.89	2.48	0.55	3.18	0.36	5.78	0.8	7.03	1.81	5.72	1.48	3.6
2.19	2.38	3.95	1.54	1.58	1.19	3.25	4.01	2.93	2.58	1.05	3.53
1.29	0.52	5.04	5.74	1.78	4.56	2.58	6.76	2.03	2.39	8.74	1.1
1.21	7.59	5.49	2.23	3.23	1.7	6.01	2.64	2.17	4.95	1.68	1.53
3.9	3.7	1.57	2.63	3.63	2.7	4.46	1.25	1.99	1.79	2.91	3.79
1.09	2.78	6.56	3.95	6.92	4.4	1.69	0.9	1.27	2.86	1.82	2.56
2.53	7.43	4.73	4.81	1.03	1.03	4.09	3.72	3.28	2.32	0.71	2.93
1.44	4.73	6.69	4.25	3.11	4.13	2.87	4.92	2.53	1.86	2.08	1.33
2.8	1.97	4.11	1.54	3.13	5.12	8.74	2.67	0.19	1.43	6.37	3.22
2.18	1.19	3.06	9.23	3.36	1.44	0.9	4.35	2.66	6.02	6.63	1.37
4.76	2.04	2.07	1.53	1.18	1.42	2.53	1.14	1.19	4.78	1.48	1.82
4.43	1.43	1.53	1.13	1.26	1.31	1.84	0.74	1.8	2.66	1.99	3.95
2.69	6.19	1.54	2.06	2.55	1.02	4.56	3.81	6.56	1.97	3.53	1.38
4.93	3.69	2.63	6.37	1.04	1.36	6.63	1.39	1.76	1.91	3.4	4.3
2.58	1.83	3.42	4.51	3.41	4.36	2.18	1.94	6.12	5.25	3.41	4.09
3.04	5.96	2.47	3.79	5.18	5.63	0.77	1.99	2.64	2.36	5.49	2.83
5.52	2.09	3	2.66	4.64	3.93	2.4	1.87	6.29	3.12	3.02	8.13
2.67	1.96	1.93	3.72	3.78	3.31	4.43	0.9	2.41	3.88	4.94	2.44
9.7	2.73	3.06	1.65	0.87	3.21	4.43	4.05	4.1	2.45	1.51	5.93
5.2	2.55	1.55	5.57	4.09	3.9	3.94	2.71	3.04	4.16	1.86	1.41
3.31	1.33	2.55	3.48	7.81	3.85	2.8	4.6	1.7	4.77	0.87	2.07
1.78	3.03	3.73	3.94	2.08	4.39	2.54	4.64	2.69		0.95	5.37
2.17	2.29	0.88	3.57	5.83	3.6	2.86	2.72	1.86	2.08	4.94	3.43
1.85	2.12	0.42	2.82	3.83	1.86	3.04	2.62	1.57	9.23	5.12	2.42
4.85	5.7	3.87	5.69	2.73	1.49	1.63	2.57	4.78	4.11	5.02	8.43
1.41	2.17	4.56	0.71	9.95	2	1.09	1.44	2.54	7.54	0.21	4.18
3.54	3.71	0.93	0.88	3.69	1.9	2.72	4.45	3.83	1.78	5.56	6.61
5.1	2.09	0.85	4.11	6.25	2.06	7.86	1.68	3.93	1.06	3.73	2.32
1.85	3.59	2.43	7.12	2.37	1.91	7.21	6.19	2.5	2.06	1.32	4.67
3.63	1.8	0.98	3.73	1.27	2.23	3.78	3.8	1.41	1.73	1.67	3.19
4.02	5.2	3.39	1.69	3.97	7.14	2.05	1.72	3.95	1.05	2.4	1.41
2.93	2.45	0.46	1.48	3.8	4.81	2.38	3.78	7.81	4.44	1.44	3.44
4.55	0.8	1.14	2.55	1.31	2.72	0.71	5.23	1.96	1.19	3.84	5.8
1.49	3.71	3.27	1.53	3.08	4.79	3.89	5.89	2.55	6.43	2.95	3.11
2.55	5.47	1.46	1.67	6.27	2.09	5.23	2.46	3.91	2.47	4.77	5.05
3.27	0.52	3.89	2.29	1.76	1.65	1.08	1.48	4.03	2.16	6.61	4.24
1.94	5.34	1.78	8.05	4.35	1.84	1.17	2.44	1.89	3.31	3.95	2.56
3.12	0.85	2.9	5.2	1.05	2.77	2.09	6.77	3.57	3.27	1.66	2.82
1.66	2.06	2.66	1.73	2.38	3.75	3.65	1.98	2.35	6.01	3.4	1.22
2.72	3.01	5.83	5.71	3.68	1.95	5.58	1.27	3.12	5.96	4.26	2.1
2.6	1.23	5.31	7.48	1.64	1.26	1.08	4.87	4.96	2.24	1.78	1.53
4.06	2.72	7.15	4.03	6.79	1.65	1.62	3.48	3.38	3.08	2.22	1.44
1.71	3.59	4.06	5.45	7.1	1.11	1.79	2.33	1.57	4.06	8.01	2.69
2.45	1.9	5.99	2.8	2.33	2.57	3.75	6.22	2.54	4.24	2.79	2.26
5.24	3.13	2.85	4.07	4.08	3.31	6.52	2.32	3.97	2.74	2.45	2.01
1.33	2.43	4.2	2.07	3.2	3.47	2.03	1.99	6	1.01	5.22	5.33
5.07	2.74	2.91	7.13	1.21	2.78	5.71	1.82	4.48	2.44	0.79	2.47
2.65	1.56	2.94	1.7	2.28	2.8	2.87	3.06	5.9	4.53	1.33	1.29
3.53	2.51	2.38	2.55	3.39	1.42	6.41	1.77	4.44	2.71	2.06	3.39
1.6	1.86	2.29	5.78	0.8	2.36	1.97	3.07	0.79	2.21	5.64	0.6
1.98	4.07	1.16	1.2	2.59	4.03	2.66	1.76	2.01	1.05	3.6	0.66
3.91	4.83	2.49	5.95	4.05	4.16	1.91	3.37	4.55	4.79	1.83	6.66
2.5	1.39	4.6	2.84	4.85	0.6	2.16	6.54	2.28	1.78	4.62	2.6
4.59	4.71	0.23	3.24	1.17	4.9	2.05	3.91	1.81	2.13	3.8	0.38
6.65	2.45	4.81	4.68	1.9	4.09	6.05	1.69	3.08	0.79	4.4	2.58
3.28	3.42	1.56	1.37	5.64	4.46	1.37	3.52	3.87	3.95	0.84	0.3
3.16	2.56	2.04	1.68	1.54	4.15	1.78	4.4	4.95	3.66	2.34	3.86
3.73	5.08	2.29	5.25	3.34	2.06	0.43	1.11	1.17	4.1	3.56	3.01
2.67	1.02	3.1	2.38	0.98	3.34	1.23	0.85	4.35	4.67	3.84	4.29
2.91	2.3	5.69	3.43	3.57	6.43	1.95	2.38	1.09	1.59	0.82	0.82
4.04	2.61	6.6	3.37	1.37	1.82	2.7	6.21	0.69	0.66	5.24	2.56
7.68	3.9	3.04	5.55	3.19	4.58	2.81	4.08	0.96	2.25	4.6	0.8
3.18	2.68	3.92	1.24	3.84	5.62	2.78	5.49	3.14	1.12	4.92	4.14
1.1	0.93	3.6	1.94	5.04	0.84	1.1	2.15	3.39	4.49	2.19	0.69
3.45	1.1	6.35	1.66	2.2	6.77	9.1	0.96	2.15	2.78	3.83	6.3
2.28	0.58	2.53	1.38	3.28	3.67	3.92	4.29	3.54	0.38	3.19	1.88
1.19	0.88	2.99	5.14	2.23	2.48	3.38	0.81	2.46	1.95	7.8	2.53
1.51	0.45	1.2	7.05	3.7	2.51	4.5	0.63	1.62	1.13	1.49	2.71
1.53	4.4	1.53	0.93	6.42	5.02	2.08	3.54	2.43	0.83	1.03	3.63
1.2	5.29	4.82	2.46	0.73	1.46	3.38	1.21	5.55	1.88	1.97	1.32
2.19	4.23	5.65	6.57	0.61	2.56	2.54	2.93	6.56	1.88	3.68	4.8
4.99	3.47	6.9	5.13	1	4.41	2.2	4.93	6.07	8.33	2.83	5.5
1.43	2.8	7.2	3.77	4.19	0.69	4.11	4.3	0.56	2.18	4.69	5.91

4.9	5.02	3.29	3.32	1.96	4.58	1.08	2.91	5.47	1.17	3.26	7.45
3.77	1.54	8.53	5.67	1.74	4.96	2.02	5.2	0.79	9.35	3.94	4.03
2.97	5.18	3.39	5.82	3.26	3.91	4.4	3.1	11.34	0.88	1.89	2.95
4.05	3.13	2.3	3.07	5.08	2.7	10.49	3.36	5.01	3.13	3.66	6.69
3.93	8.06	4.33	4.98	12.41	1.48	2.74	4.88	5.23	1.77	3.58	6.97
4.59	2.29	3.76	2.54	2.33	2.23	3.59	1.73	4.68	1.96	2.63	5.33
5.77	8.14	1.95	0.51	4.03	6.21	6.33	4.13	5	2.08	2.1	1.62
1.4	8.21	3.58	1.81	9.49	2.89	2.53	3.96	3.35	3	3.3	1.54
0.97	2.92	1.65	3.43	2.84	2.8	2.73	5.52	5.01	2.73	6.04	3.71
2.7	4.57	3.4	1.23	4.65	7.52	9.74	2.34	1.04	1.36	5.91	2.64
4.46	4.78	7.44	3.84	5.82	2.31	4.3	6.59	0.54	1.65	6.41	1.46
4.35	1.89	4.46	0.64	3.76	4.8	5.51	4.16	5.92	2.61	7.76	1.11
2.15	1.21	3.65	2.56	1.97	4.49	7.38	2.41	3.67	5.84	3.11	3.66
3.21	1.79	1.05	5.58	3.67	0.96	1.97	3.42	3.71	5.27	2.28	2.9
4.74	4.44	0.81	4.23	5.27	5.02	0.86	5.48	2.16	5.88	3.6	2.96
0.99	1.34	2.44	6.03	0.66	5.8	1.98	5.96	1.44	7.52	5.52	1.67
2.32	3.34	4.07	0.98	2.39	2.66	3.86	5.22	4.86	4.68	0.98	0.78
6.32	0.98	2.83	2.48	2.3	4.01	5.23	1.79	4.39	6.56	3.78	1.58
3.32	0.95		1.26	4.21	3.46	2.04	3.5	1.48	3.86	2.18	2.45
2.38	3.76	2.64	1.22	4.46	1.69	2.53	1.53	2.06	4.8	1.27	3.59
1.1	5.47	4	4.09	2.45	1.34	3.05	4.78	1.15	1.02	4.51	1.53
6.4	3.09	2.73	2.98	2.12	1.39	2.16	3.69	3.92	4.54	1.55	2.09
4.61	7.51	6.05	4.14	2.52	7.38	3.99	0.66	5.16	1.11	0.96	3.3
3.6	8.78	2.35	2.56	4.1	5.57	2.08	2.97	1.68	1.56	0.59	4.26
5.03	1.65	10.38	3.6	5.02	4.09	3.71	0.69	1.42	2.14	2.03	6.44
1	4.7	5.46	3.25	3.17	3.43	2.68	4.95	2.59	1.9	1.36	5.08
1.57	5.21	7.42	5.07	6.56	9.82	2.35	3.86	2.58	1.63	4.56	7.98
7.78	5.92	3.53	4.29	4.4	3.37	1.55	2.94	8.04	2.65	1.68	4.86
3.17	3.25	1.92	4.38	4.36	1.21	5.07	4.26	2.67	1.85	3.28	4.96
2.13	3.94	1.18	1.8	1.69	3.94	6.75	2.73	2.47	2.28	3.97	4.72
3.08	2.19	7.28	2.62	6.38	6.89	2.2	6.91	2.44	4.27	5.44	1.41
5.98	2.84	3.03	0.86	1.63	1.98	3.87	5.85	1.33	3.57	5.43	0.89
4.05	6.95	2.4	4.95	3.68	4.71	2.54	5	2.15	5.16	3.38	4.04
5.24	1.59	6.44	2.1	3.97	5.26	4.39	12.68	4.6	2.05	2.61	1.57
1.34	6.03	7.59	2.15	0.98	2.86	1.73	4.66	4.31	1.94	3.54	8.39
1.88	2.53	4.95	3.89	5.33	2.02	0.18	9.08	0.81	5.76	5.58	1.34
10.85	3.73	4.54	5.37	1.64	1.68	1.14	3.4	4.47	2.2	1.07	3.7
4.69	1.28	4.71	5.44	2.6	3.46	4.53	2.99	7.21	2.46	0.5	1.93
2.33	3.17	3.21	2.35	3.42	4.1	8.08	1.79	2.48	2	4.66	4.02
4.01	2.83	1.97	2.52	3.93	1.57	4.85	4.03	1.78	1.31	3.52	4.71
4.13	1.56	6.8	4.13	1.73	1.88	3.93	2.61	1.8	8	6.18	1.82
4.11	2.88	0.95	3.15	1.9	4.29	2.52	4.07	5.54	4.45	3.93	4.07
2.29	1.75	3.28	5.22	2.57	4.57	3.83	1.33	3.95	4.69	2.05	3.25
3.07	5.64	3.85	6.78	1.78	0.15	4.46	5.01	0.35	4.4	4.11	6.85
2.99	0.56	0.72	2.88	5.87	3.86	3.71	3.67	4.07	5.1	4.07	4.67
1.91	1.4	2.02	3.31	2.73	2.3	4.6	0.68	2.28	6.91	2.83	2.56
1.82	6.89	0.84	1.89	2.65	3.36	2.22	0.91	2.27	4.44	3.51	1.2
0.76	5.05	3.77	3.9	0.82	2.67	3.67	4.22	3.05	1.68	2.97	1.66
3.73	1.05	2.92	0.97	2.6	3.42	1.5	7.6	5.47	0.47	2.99	0.89
2.26	2.77	0.69	1.79	2.79	3.3	3.62	1.37	6.03	1.74	7.32	6.53
3.13	1.1	3.26	2.59	7.15	1.93	7.76	4.87	0.52	3.22	1.57	2.84
1.23	1.3	2.92	4.37	2.53	2.05	7.4	0.83	3.36	0.97	5.79	1.51
4.25	7.16	2.61	2.9	3.02	4.69	1.6	6.03	8.15	4.99	1.7	3.12
7.2	4.53	2.84	4.64	2.55	5.58	1.05	1.2	2.91	1.33	2.39	3.49
1.09	2.53	3.36	3.82	2.72	0.58	4.91	1.13	0.98	3.64	3.05	4
2.2	2.08	6.35	3.68	1.26	1.47	1.33	2.24	3.2	5.82	2.26	5.2
1.81	2.69	4.68	0.64	6.17	2.93	0.82	2.03	1.72	0.84	3.24	0.58
4.42	2.67	0.53	1.55	2.44	3.12	5.94	1.21	1.05	5.04	1.93	1.3
1.4	0.65	0.76	0.78	1.79	6.77	1.42	2.77	6.43	4.75	2.8	3.03
0.93	4.41	2.54	1.5	6.61	6.23	1.67	6.03	5.6	2.12	2.06	1.21
7.55	3.9	3.69	3.48	0.53	1.28	0.54	1.03	2.79	1.47	3.57	5.72
5.31	3.12	0.74	4.46	7.37	5	7.63	3.24	3.15	5.5	4.73	3.88
0.94	11.71	3.04	3.92	2.34	2.54	3.45	1.58	1.65	3.43	0.49	6.89
2.19	4.22	2.07	0.95	7.79	1.86	2.99	3.59	3.39	0.91	3.56	2.69
0.69	8.33	4.43	3.15	5.09	5.18	1.43	2.22	3.34	1.38	2.78	3.28
2.14	5.08	1.76	1.67	1.11	6.51	1.86	11.15	1.36	3.97	2.07	3.07
1.98	12.45	2.03	2.74	4.82	0.75	2.14	3.34	2.71	2.09	1.68	9.14
1.73	3.68	2.67	1.21	3.83	1.07	2.05	7.76	3.55	4.53	1.04	8.88
4.63	3.75	0.66	0.97	0.77	2.82	1.47	12.52	4.46	8.74	2.72	1.3
4.51	3.2	8.46	2.56	5.17	0.93	0.92	3.76	4.61	4.24	2.63	2.15
1.54	3.83	0.32	2.55	2.22	3.48	2.19	2.42	1.52	1.28	2.18	7.52
2.14	2.54	0.92	1.32	5.19	5.16	6.9	2.45	4.03	4.22	3.65	1.66
4.83	1.11	3.55	1.21	2.51	3.35	1.93	5.27	4.11	3.23	1.32	3.93
3.11	5.52	1.06	1.12	3.62	2.64	5.9	4.14	2.82	5.51	0.23	4.38
2.45	1.97	3.74	1.56	3.77	2.63	1.92	2.89	4.66	1.85	2.08	2.35
0.65	3.28	1	4.86	3.5	2.6	4.12	2.74	0.94	1.25	2.1	4.31
1.94	3.51	4.98	2.47	2.13	0.11	4.34	2.6	3.95	4.93	1.84	4.91
1.82	3.89	1.23	1.32	0.7	0.83	1.24	1.32	3.28	7.06	1.45	0.55
2.39	3.29	3.29	1.42	0.62	1.93	0.84	2.89	2.34	3.83	0.86	5.35
2.71	1.31	2.18	0.75	2.1	2	1.66	4.02	1.37	1.22	2.84	2.58
1.74	1.32	3.19	1.37	4.09	2.33	0.67	2.16	2.19	2.05	0.49	0.67
2.7	8.33	1.95	4.95	0.94	3.41	4.44	5.46	3.52	0.79	7.07	0.28
2.16	2.78	1.58	1.36	1.69	1.94	1.48	1.73	2.18	7.14	2.47	5.28
1.18	2.53	1.14	3.3	1.74	1.41	0.68	1.78	5.22	4.17	1.85	1.68
1.64	0.38	0.84	3.2	2.67	4.05	1.65	5.38	1.3	4.04	5.59	4.61
1.53	0.66	1.95	0.7	2.44	1.74	1.65	2.03	1.18	6.25	2.92	2.63
2.56	0.65	3.6	1.53	2.32	0.65	4.26	1.82	3.78	3.18	3.12	3.02
3.74	2.01	2.3	0.47	1.56	1.49	1.37	1.08	1.11	4.98	1.31	3.77
0.76	1.57	6.09	0.6	1.74	7.43	1.91	1.47	2.8	2.98	4.1	0.93
0.37	1.02	5.73	2.2	2.4	3.08	3.4	1.22	2.85	4.1	0.82	2.05
2.93	3.2	3.6	1.54	1.02	0.89	3.69	2.54	1.53	6.94	1.32	3.76
2.85	0.2	1.98	0.71	1.55	1.05	0.35	1.94	2.09	0.75	1.44	1.46
2.45	0.88	5.19	2.49	2.72	3.35	3.47	1.4	3.11	0.96	3.59	1.31
1.28	1.96	1.27	1.15	2.43	3.1	1.56	4.22	1.57	2.48	1.95	2.84
1.55	3.46	1.85	2.76	2.54	5.21	0.11	0.65	1.56	2.32	2.51	3.73
2.69	0.94	1.21	3.63	3.89	3.26	0.36	1.86	3.18	8.28	0.47	3.37
3.28	3.08	1.07	3.65	1.97	0.69	0.53	1.81	4.49	2.9	0.89	4.62
2.68	1.67	0.99	1.67	2.81	2.02	2	4.63	2.87	1.02	4.06	1.45
2.07	3.04	3.52	0.54	1.8	0.85	2.84	2.04	1.32	1.47	4.78	0.73
1.24	6.66	0.82	1.81	1.19	5.45	1.25	3.13	1.8	0.73	0.8	3.92

2.56	1.04	2.89	4.71	1.36	1.92	0.86	2.92	3.46	0.18	1.32	4.01
2.37	3.56	2.78	1.94	0.4	4.27	1.36	2.15	2.55	3.38	4.48	0.97
4.88	1.68	1.24	2.35	3.81	7.35	0.44	4.26	2.25	1.4	1.09	2.36
2.76	1.85	2.02	3.75	0.73	3.24	2.81	1.76	3.7	2.07	4.36	2.78
1.43	2.48	3.65		0.9	3.88	2.54	1.1	3.04	2.13	2.89	0.89
5.5	3.07	5.34	1.16	2.21	1.4	2.2	0.04	1.38	1.82	2.15	1.58
1.47	3.47	0.43	1.3	1.95	4.47	3.42	4.89	1.76	1.9	0.6	1
6.67	1.71	0.64	1.6	1.62	0.17	3.91	3.84	1.2	2.96	6.48	1.47
4.53	0.82	0.62	3.37	1.77	0.78	3.12	2.27	0.86	2.08	1.52	1.16
4.15	2.16	1.35	1.85	3.94	4.37	5.01	1.41	0.97	4.4	9.48	2.19
3.37	0.85	3.32	2.03	4.59	3.03	1.29	2.36	0.77	0.53	1.87	2.89
6.04	3.54	3.87	2.53	0.96	2.57	1.53	1.02	1.16	2.15	1.62	0.7
4.7	4.81	0.59	1.92	2.69	0.8	4.59	3.2	3.74	2.12	0.17	3.69
1.55	2.82	2.48	2.28	1.27	0.16	2.18	3.88	0.78	1.91	2.37	4.3
0.32	1.11	1.18	1.23	5.28	9.27	3.55	3	0.97	4.29	1.1	1.26
2	3.63	1.36	1.69	0.64	1.62	2.11	4.02	1.27	3.46	1.43	4.47
2.02	1.19	0.56	1.41	1.71	3.91	5.88	1.29	3.4	1.54	4.65	0.98
4.06	0.73	0.15	1.98	1.29	1.07	4.38	2.41	3.24	3.86	1.97	0.84
2.75	4.6	1.29	0.44	4.22	2.91	6.3	0.9	1.94	2.07	1.66	1.11
1.9	0.93	1.5	0.34	2.75	6.01	8.14	5.91	2	1.31	1.96	1.72
3.86	1.09	0.46	2.21	1.81	3.59	4.59	0.84	4.08	3.71	4.33	0.26
0.56	3.18	1.69	2.51	2.38	3.31	0.06	1.58	3.97	1.05	0.33	2.96
4.74	0.74	3.02	3.62	1.92	1.16	4.09	2.22	3.03	1.04	3.94	1.93
2.39	2.69	4.03	5.58	5.18	4.91	2.69	1.24	0.62	1.82	1.72	1.74
0.9	2.68	2.19	2.96	1.16	4.36	0.27	1.87	6.79	0.49	4.29	2.69
0.64	2.86	2.9	1.47	1.85	1.39	4.02	1.62	1.5	1.62	2.16	1.01
3.83	3.82	2.16	1.52	4.23	2.68	0.72	1.35	0.95	0.98	4.2	5.15
0.87	2.61	2.62	2.42	3.85	1.1	0.91	0.54	1.08	1.44	1.43	2.1
1.17	3.19	1.78	3.31	7.54	3.65	0.39	1.64	4.96	0.6	3.53	2.22
0.89	0.77	0.43	2.13	1.16	1.61	3.4	4.41	4.83	0.71	1.22	3.17
2.17	4.76	1.56	1.19	1.14	0.75	0.58	2.25	4.57	1.62	2.01	1.45
2.56	3.84	3.25	2.09	1.5	1.92	1.41	3.39	2.61	2.53	3.6	2.79
1.72	3.4	4.78	2.22	2.33	4.23	2.55	1.5	3.31	1.39	0.87	0.66
1.29	0.96	1.68	2	1.45	3.25	3.92	3.63	2.97	0.97	5.9	2.64
1.73	3.1	0.46	4.63	1.53	1.34	4.8	1.91	1.36	1.89	3.66	3.36
0.59	5.78	0.23	3.32	0.89	1.43	0.98	6.41	0.81	1.84	2.53	1.39
2.08	2.38	0.86	2.17	2.07	4.8	2.31	0.6	2.41	1.93	3.27	2.1
5.72	5.9	5.52	2.85	2.9	1.64	1.96	2.04	2.32		0.34	1.37
1.14	3.23	3.88	1.38	0.97	0.71	5.06	1.18	0.96	1.42	0.05	1.18
1.52	0.79	1.66	1.18	0.64	0.88	2.37	1.47	1.39	0.77	3.04	1.1
5.9	0.93	0.37	2.3	0.33	4.55	3.26	0.72	1.64	2.87	7.3	1.2
0.62	3.28	1.87	0.96	2.22	5.73	2.91	0.93	0.33	1.38	1.94	0.38
2.43	2.84	2.89	1.11	4	1.54	1.09	0.38	1.32	2.56	1.48	4.66
1.43	1.63	1.72	2.57	1.98	4.76	2.02	2.24	1.81	1.68	1.72	2.44
2.71	3.08	3.33	2.99	0.75	0.81	0.57	0.66	1.45	3.43	3.8	5.6
2.56	4.44	2.75	0.24	2.71	1.15	3.97	1.08	2.58	2.85	3.19	0.18
1.1	1.39	1.25	0.33	4.04	2.81	0.93	0.69	1.22	0.99	3.25	1.4
1.66	1.36	3.15	1.13	0.34	0.74	3.6	1.81	7.37	1.97	1.53	1.56
3.12	2.23	2.52	0.83	2.58	3.07	1.42	2.89	2.28	2.45	1.34	1.51
2.47	1.27	2.71	1.89	6.18	1.56	1.7	2.69	1.77	2.35	1.82	2
4.22	1.64	2.09	1.46	4.73	2.88	1.51	1.12	1.57	1.36	1.02	1.62
4.14	1.45	1.83	1.34	2.73	1.26	1.29	0.61	2.54	0.69	1.06	1.26
1.49	0.18	2.15	4.16	3.51	1.98	1.09	3.64	2.17	2.8	1.39	2.64
3.79	4.6	1.79	1.17	1.46	1.83	1.45	1.38	2.06	3.21	1.01	1.42
0.38	5.95	1.06	3.08	0.87	3.03	2.2	2.38	0.94	1.52	0.81	1.81
3.34	1.29	3.03	0.99	2.18	3.59	2.27	2.73	3.29	4.35	1.88	1.87
0.98	4.41	6.34	2.7	2.93	2.21	0.44	0.49	2.82	1.7	10.78	2.21
1.95	2.67	1.19	0.94	3.73	1.21	0.21	1.89	0.43	1.58	2.21	3.98
0.54	1.54	1.13	1.95	0.69	3.2	0.94	0.86	2.63	0.87	4.78	0.83
1.26	0.83	4.06	4.59	1.42	0.33	1.13	5.68	2.17	1.17	1.64	2.21
4.6	0.41	2.5	2.15	2.32	2.76	0.95	1.08	2.42	2.98	1.29	4.02
2.09	2.77	1.73	0.49	0.96	2.63	3.15	1.58	3.66	2.04	6.49	1.38
2.38	0.61	1.59	1.29	1.88	2.52	0.5	2.32	2.57	3.94	4.34	0.55
3.46	0.52	0.2	1.73	2.33	2.61	2.42	1.01	0.36	2.91	3.81	0.83
5.04	0.76	1.72	2.35	2	1.79	1.56	1.07	1.39	0.89	2.8	2.57
4.59	1.59	3.79	1.88	0.2	1.59	0.77	4.54	1.33	1.1	4.7	2.61
3.34	3.77	3.35	2.32	1.01	0.41	5.09	1.32	1.46	1.42	0.72	1.02
2.62	4.08	7.01	0.76	1.67	1.65	0.99	0.1	3.82	1.92	0.61	1.67
1.67	0.84	1.03	3.79	0.7	4.33	6.22	2.76	1.6	0.81	1.44	2.55
0.51	1.48	6.9	1.17	2.04	0.89	1.94	1.21	0.72	1.21	3.9	2.03
3.96	2.87	2.71	2.74	6.36	3.74	4.39	1.27	4.66	1.23	1.99	3.63
0.74	1.63	5.25	1.01	2.58	0.32	3.38	1.03	3.52	0.28	7.46	1.99
7.34	2.86	2.05	2.96	0.8	0.6	2.81	0.09	0.38	0.77	0.86	1.94
0.63	3.71	1.49	1.73	0.5	1.58	4.75	1.27	3.81	2.42	0.69	2.51
1.92	1.17	1.75	5.02	2.77	6.08	2.45	3.17	1.15	2.46	2.17	3.69
1.38	0.97	2.12	3.07	1.36	6.79	1.73	4.78	2.48	4.44	1.27	1.08
0.51	3.85	2.67	1.48	1.64	1.57	2.23	1.09	0.34	4.12	1.91	1.85
2.19	2.07	0.89	1.74	3.35	2.74	1.98	3.27	0.45	5.6	2.4	2.12
	1.71	1.74	1.32	0.7	0.94	7.69	1.3	4.91	2.79	1.56	3.08
1.62	1.8	2.15	1.21	1.61	2.3	3.5	1	2.14	2.53	0.56	1.33
0.39	0.64	2.87	8.76	1.99	4.02	3.02	0.78	2.88	1.34	1.11	1.83
2.59	1.79	2.08	0.98	6.37	3.09	1.77	1.06	4.85	2.11	1.03	1.62
0.74	1.85	2.58	1.07	0.46	6.23	1.28	1.28	2.13	0.57	3.61	1.84
1.5	1.05	2.51	1.57	3.09	7.51	1.49	1.85	0.35	4.66	1.39	2.09
1.56	2.77	2.57	2.8	0.77	2.49	1.79	0.9	2.94	3.12	1.94	0.1
6.04	1.26	3.29	4.04	0.93	4.04	2.44	4.83	3.63	3.09	4.03	4.33
2.84	0.4	1.56	4.24	3.23	1.59	0.9	2.79	1.79	1.4	0.7	1.72
1.44	3.04	4.11	1.3	3.69	1.77	3.74	1.59	0.63	1.59	4.62	4.29
4.73	2.16	1.01	2.55	1.1	1.12	2.32	1.45	6.45	3.08	1.22	2.75
0.77	1.65	2.94	2.09	4.68	1.38	3.86	1.21	2.23	3.8	1.42	2.14
0.07	4.12	0.9	1.61	3.22	4.02	4.32	0.46	2.3	4	2.91	2.06
2.66	2.78	1.55	0.93	3.81	0.85	3.7	1.23	1.44	0.57	0.88	5.48
2.26	1.61	5.38	1.81	2.57	4.74	3.07	2.83	1.48	4.1	2.28	1.31
4.31	2.62	3.15	3.6	2.27	0.36	0.89	4.65	0.74	0.27	0.3	1.23
0.42	3.2	2.44	3.04	5.5	1.75	5	1.7	1.47	0.93	1.59	2.07
2.92	4.14	2.6	5.16	2.05	3.27	1.04	2.11	1.31	1.51		4.44
1.51	0.78	0.8	0.7	1.1	1.04	5.96	2.41	4.8	1.66	3.4	2.9
0.9	1.16	4.06	1.63	1.21	2.38	4.06	1.54	1.62	0.9	2.87	5.13
0.7	4.93	2	1.6	2.12	1.41	0.31	7.47	3.28	4.74	3.69	2.87
3.71	9.61	4.53	1.07	3.12	1.32	2.06	3.96	2.42	2.01	4.28	5.89

2.81	2.8	1.38	4.82	1.71	1.73	3.42	2.95	3.37	2.16	2.71	5.94
8.15	3.44	0.6	0.8	3.29	2.62	1.65	2.77	2.6	0.85	1.08	2.77
0.9	1.22	3.01	0.23	3.04	1.8	3.16	3.17	0.88	0.53	2.35	0.85
3.75	4.69	0.93	5.36	1.51	2.37	1.36	2.51	3.45	0.63	2.82	2.06
3.01	4.22	3.36	1.45	4.57	1.51	2.16	3.23	2.46	1.74	0.15	4.9
1.04	8.17	2.9	1.46	2.11	0.99	1.01	2.22	5.76	2.77	2.96	1.13
4.97	3.94	0.83	1.3	0.86	1.85	2.79	6.15	1.9	1.46	1.9	2.13
2.54	3.27	1.44	3.13	2.45	0.56	4.31	1.16	1.84	2.67	3.4	4.07
1.17	1.47	1.32	1.28	0.98	1.86	0.42	3.11	2.03	2.67	0.43	0.95
2.16	2.43	5.29	1.67	1.22	6.91	3.11	4.22	1.63	4.85	2.35	6.99
1.19	0.51	0.6	0.93	1.31	6.65	1.19	3.36	4.61	2.84	4.41	0.96
2.54	4.79	3.24	3.56	1.56	4.88	1.61	1.66	3.02	2.75	5.22	0.45
2.25	2.42	3.66	6.17	4.29	2.19	1.59	2.14	2.44	2.17	2.12	2.49
2.46	1.65	0.88	0.44	3	0.46	1.59	1.44	1.81	1.77	2.99	1.08
1.02	1.07	2.45	1.28	3.66	0.9	2.91	3.6	4.77	5.96	5.39	5.36
3.69	6.3	1.69	0.96	2.2	4.86	1.26	1.83	4.16	5.29	1.4	0.79
1.77	2.31	1.78	2.26	3.24	0.91	1.74	0.57	1.66	3.64	0.58	1.03
2.03	5.66	0.9	3.45	2.52	2.09	0.27	2.53	2.02	2.09	1.84	1.24
1.46	0.7	0.59	0.65	2.92	4.41	0.86	3.08	4.1	1.79	2.86	1.75
3.51	1.15	1.15	2.42	2.25	4.89	1.22	3.42	2.64	1.72	1.89	1.43
1.45	1.53	1.12	0.99	4.63	1.35	2.51	2.52	3.3	2.29	1.2	1.01
4.02	1.34	2.77	0.94	2.26	2.61	2.22	1.1	7.15	2.64	1.23	2.54
5.3	4.99	2.69	2.16	1.46	1	2.78	1.95	6.7	2.94	1.6	3.11
5.34	2.01	2.14	5.07	0.81	4.01	2.03	4.2	5.37	3.31	4.04	2.77
1.01	3.89	1.51	1.26	1.74	2.11	2.46	3.06		3.13	4.92	0.92
2.48	7.01	0.28	1.83	1	3.77	0.8	3.15	1.74	7.58	1.16	0.74
2.09	0.89	3.16	0.01	2.37	0.31	0.15	2.26	2.95	3.84	3.4	2.77
0.67	3.86	0.61	2.25	2.64	1.78	1.38	3.05	0.99	1.64	1.68	1.19
5.41	0.91	0.97	2.03	0.52	1.5	0.66	1.96	4	1.97	2.04	4.51
1.29	2.66	2.7	1.99	1.94	0.2	3.06	0.95	0.79	1.02	1.01	4.16
0.9	2.21	0.64	0.36	3.05	0.74	2.01	3.45	2.69	1.29	3.27	1.59
1.15	4.7	1.03	1.29	2.12	2.59	0.87	3.1	4.53	2.38	2.9	3.23
5.26	0.98	4.01	2.01	1.22	2.69	1.16	1.94	2.44	2.24	0.77	0.31
0.64	1.26	0.57	1.38	0.98	1.58	0.98	2.94	1.52	0.6	1.75	1.44
0.17	2.35	0.63	0.59	1.47	0.78	0.39	0.07	0.49	0.85	2.58	1.03
4.05	4.21	0.93	3.67	3.25	1.51	1.7	5.05	0.83	1.86	0.63	2.45
2.9	1.89	0.77	0.61	2.14	2.48	3	2.02	2.32	1.17	0.54	3.28
0.78	2.03	1.54	2.76	1.94	0.59	1.31	2.13	1.87	3.57	1.61	0.3
0.46	0.58	2.34	0.45	1.82	2.94	2.66	0.44	4.48	1.49	3.1	3.45
0.99	2.58	1.31	4.66	0.48	1.93	2.77	2.94	1.55	0.91	2.76	1.46
2.53	4.26	0.51	0.95	0.76	0.26	1.61	3.89	0.76	4.03	5.92	3.3
0.1	2.09	1.04	1.1	2.65	1.27	1.75	3.71	0.41	1.82	0.79	0.9
0.67	2.97	2.88	2.81	1.38	2.29	2.33	0.57	2.16	0.94	0.59	1.08
1.11	4.24	2.54	1.17	1.69	2.1	1.08	0.26	4.69	3.97	0.97	0.57
0.23	2.35	4.13	1.26	3.13	0.87	3.39	0.82	2.99	0.91	0.99	3.29
6.79	1.56	1.8	3.43	3.76	4.62	0.28	5.43	4.95	0.98	0.79	1.67
3.52	0.54	2.95	1.81	3.55	1.27	1.5	3.61	2.03	1.15	0.95	1.05
0.68	0.68	1.16	4.68	4.01	0.21	1.9	0.37	6.61	2	2.59	2.69
3.74	3.17	0.78	2.79	1.59	1.76	0.12	2.63	1.03	1.54	1.06	1.31
3.77	1.05	1.55	2.2	3.34	3.55	2.3	0.45	2.27	1.09	1.14	0.81
1.65	4.95	1.42	0.52	1.51	2.04	0.15	2.56	0.75	2.49	2.7	0.14
3.92	2.14	1.09	2.74	2.27	2.36	3.63	1.88	1.9	4.19	3.18	1.78
6.19	2.84	2.17	3.42	1.12	3.4	3.59	1.38	3.03	2.63	1.93	2.29
3.43	1	1.03	0.62	1.58	1.01	1.92	0.94	2.04	1.69	4.11	1.95
0.55	0.99	6.54	2.66	5.4	0.82	4.07	2.13	1.19	2.89	6.6	5.32
1.08	3.94	0.87	3.27	2.5	1.01	1.73	2.03	0.97	1.01	0.64	1.25
3.09	2.99	1.23	4.23	0.32	1.86	0.91	3.09	3.21	1.64	1.51	3.06
0.48	2.07	2.86	3.64	0.8	2.27	1.31	2.49	1.1	0.59	2.76	2.1
2.65	2.1	1.58	1.67	1.73	1.29	3.19	2.58	0.32	4.14	2.6	1.16
4.2	2.43	0.55	1.25	3.98	3.87	1.76	3.67	3.57	3.62	2.23	1.45
3.12	2.33	2.56	0.64	1.84	5.88	1.14	4.88	0.64	0.34	2.19	4.28
2.89	1.1	2.31	2.81	2.58	0.6	2.13	4.16	0.53	2.68	4.41	4.51
6.81	1.55	2.57	1.67	1.42	1.15	3.8	2.53	1.25	1.87	2.5	1.65
6	5.52	1.91	1.06	2.55	3.86	1.78	2.54	0.87	1.35	1.28	0.38
0.72	3.21	2.69	0.69	1.37	2.08	1.11	1.46	3.49	1.25	1.27	2.58
1	0.46	0.77	3.2	4.18	8.66	0.32	4.87	2.62	0.51	5.54	1.66
1.91	0.82	1.41	0.38	0.85	0.3	5.28	2.26	4.92	7.13	1.46	2.98
2.59	1.76	0.94	3.3	1.59	0.55	3.44	0.83	0.82	1.61	3.71	1.86
1.05	2.37	0.72	0.56	2.97	1.43	0.88	1.01	0.83	3.7	3.23	2.95
5.56	2.11	1.51	1.9	1.91	1.12	0.45	2.6	2.09	0.93	4.27	0.91
1.07	0.82	0.18	2.97	1.4	0.85	1.86	2.67	1.43	0.36	0.35	1.52
2.21	2.52	2.1	1.17	0.45	2.16	3.46	1.84	3.38	2.7	2.74	1.9
2.19	1.36	2.12	4.34	0.95	0.52	3.6	0.95	0.92	1.26	2.12	2.69
2.42	2.29	4.33	0.09	1.03	3.17	1.82	5.07	1.73	1.42	0.28	3.34
3.4	3.54	2.68	1.91	0.7	0.72	2.36	1.59	2.92	2.52	0.33	0.94
0.34	3.03	2.55	4.04	1.13	0.5	1.15	3.38	0.92	2.06	7.86	5.51
0.98	1.89	3.57	2.88	0.84	1.16	1.9	0.86	4.76	1.69	1.74	1.01
0.79	2.83	2.25	0.84	4.13	1.63	2.22	0.73	1.9	3.51	6.62	0.26
6.77	1.72	2.74	2.53	2.36	0.92	5.36	3.03	1.38	0.76	4.21	2.05
1.82	2.09	5	1.04	2.88	2.6	1.38	3.47	0.34	2.62	3.61	1.86
0.66	3.22	0.58	5.08	2.57	3.7	5.18	0.39	0.43	2.66	3.76	1.86
1.32	3.71	0.62	3.4	4.86	4.85	6.93	1.81	4.66	2.83	1.81	4.23
2.3	1.73	0.85	0.84	1.7	0.34	0.7	0.33	5.15	2.24	1.84	1.2
1.11	1.49	2.96	1.7	3.38	3.98	6.74	1.14	6.77	1.02	0.16	1.73
0.96	1.98	3.55	4.15	4.66	0.95	1.89	1.31	1.05	3.18	4	0.58
1.41	2.85	0.8	3.77	1.83	1.39	0.68	4.24	1.86	2.5	1.15	0.22
2.82	1.28	1.73	1.41	1.44	1.05	7.13	1.59	1.2	0.68	1.1	0.69
1.78	0.85	0.42	1.18	3.27	1.33	3.64	4.65	4.75	1.6	1.16	1.19
3.3	0.58	3.54	3.93	1.24	8.42	6.99	0.56	0.65	1.47	4.77	3.15
4.86	2.32	1.88	0.92	2.45	0.63	2.39	2.43	1.59	3.27	1.26	5.8
5.6	2.55	0.98	1.35	1.45	4.2	4.45	0.35	2.12	4.19	9.35	1.52
1.09	0.47	0.08	1.11	7.61	0.57	6.28	1.18	3.16	4.4	3.2	4.78
0.35	0.54	0.33	5.87	3.31	1.22	0.25	0.43	3	1.99	0.71	4.95
1.27	0.49	1.42	0.23	7.15	1.53	0.64	0.41	1.77	3.93	1.77	2.65
3.05	1.52	0.16	3.9	1.17	0.99	1.76	2.33	1.95	0.7	0.57	1.54
2.97	0.04	0.12	3.32	5.35	1.56	2.38	4.37	1.65	4.56	3.41	8.23
5.94	2.67	4.01	2.14	2.17	0.14	1.64	0.31	0.98	2.87	2.28	1.62
0.56	1.68	1.89	1.79	2.53	1.31	2.22	3.39	2.73	2.15	0.92	4.29
8.4	0.83	1.37	1.99	0.9	4.17	7.08	3.96	3.43	2.96	1.98	1.76
2.28	2.23	0.52	1.51	3.72	0.17	1.62	4.02	0.2	0.8	0.28	1.34

2.2	1.35	2.4	2.64	2.03	0.27	3.01	3.14	1.7	3.41	3.48	3.62
1.62	3.4	2.85	3.35	0.23	4.15	2.97	2.35	1.09	1.33	0.39	0.24
1.96	0.57	0.92	1.22	3.2	1.44	1.52	1.37	3.71	4.61	1.56	3.52
4.51	0.85	4.02	2.97	1.58	1.88	1.99	1.98	1.47	1.63	1.16	0.97
2.42	1.02	0.81	3.91	2.02	6.25	0.82	1.45	1.99	2.42	3.03	3.51
2.29	2.44	2.21	1.95	0.61	2.9	6.23		1.19	1.73	2.6	0.46
2.31	0.26	3.85	2.52	3.19	0.39	2.8	0.16	1.69	4.83	1.35	1.2
1.31	2.7	4.25	4.73	0.61	1.67	4.18	2.05	2.4	2.78	1.3	2.12
2.76	2.91	1.65	1.49	0.97	3.14	2.44	1.26	2.8	1.12	1.16	1.72
4.22	4.84	5.39	0.93	3.42	1.07	0.68	1.47	1.97	1.59	5.02	1.39
2.02	1.03	1.88	3.29	1.52	4.65	1.16	0.36	1.02	2.71	6.07	0.81
1.59	1.97	0.51	2.86	0.9	2.38	3.75	1.02	3.74	2.33	2.77	1.58
1.01	5.79	2.74	1.63	2.56	1.93	2.04	2.1	1.24	5.75	3.46	0.29
2.83	3.57	1.65	2.03	0.26	3.07	1.84	3.45	2.08	6.71	3.96	1.35
3.23	4.58	4.15	1.2	0.19	2.39	3.32	0.07	2.58	1.35	4.83	0.14
0.29	9.35	0.95	1.92	1.35	1.17	4.57	0.8	2.16	1.84	0.88	2.14
3.49	1.39	5.11	2.46	1.72	1.64	1.21	2.57	1.93	3.46	2.36	0.67
1.72	1.33	5.44	3.97	1.52	3.52	1.45	8.34	1.92	2.6	0.93	2.26
2.83	0.43	0.3	0.74	1.68	0.56	3.95	6.49	1.28	0.02	3.15	3.42
5.53	3.75	2.52	1.91	2.87	1.3	4.78	2.6	2.73	1.65	3.91	2.8
1.69	3.53	2.2	2.96	3.43	2.12	1.3	2.86	0.61	1.18	1.06	2.26
1.86	3.32	3.99	2.14	1.22	4.67	4.21	1.2	3.61	1.56	2.18	1.09
5.57	1.55	3.36	4.32	6.21	3.38	5.03	6.83	2.48	2.59	3.28	1.04
0.16	0.54	0.42	0.66	0.94	7.16	5.31	2.43	1	1.39	2.85	2.73
1.6	1.6	1.39	0.53	1.28	1.97	3.33	6.14	1.65	0.81	2.06	1.78
4.11	1.46	3.67	3.88	1.86	0.39	5.61	1.56	4.11	4.21	2.13	2.3
1.6	1.56	0.56	0.37	1.78	1.17	4.28	1.85	8.73	4.37	1.84	0.84
1.59	2.51	1.3	1.89	3.44	4.15	3.85	4.43	0.23	1.77	0.55	1.89
1.36	0.26	1.1	5.49	2.26	2.71	1.39	3.56	1.85	0.56	1.33	1.94
0.85	2.76	1.11	2.67	1.73	0.64	2.26	1.83	4.39	0.39	4.49	0.36
1.18	3.35	1.73	1.75	2.56	0.08	0.47	1.78	1.92	2.27	2.09	2.07
1.46	1.67	0.78	3.33	0.67	1.58	3.89	2.39	3.69	2.27	1.09	1.09
3.14	5.94	4.52	0.79	2.61	2.58	0.65	0.5	3.92	4.57	2.39	3.95
5.62	2.14	3.97	1.02	1.26	2.62	4.3	1.23	0.34	0.56	1.38	1.33
3.94	3.62	0.94	2.51	3.79	1.02	1.61	1.32	0.95	2.72	3.35	3.35
2.39	5.89	1.35	0.99	2.49	5.17	1.72	0.89	3.47	1.06	1.49	1.06
1.48	0.87	1.63	3.38	2.85	0.48	0.97	2.28	1.9	5.41	4.75	1.51
1.13	1.62	7.51	2.85	1.58	3.15	3.65	3.72	1.27	2.47	0.96	1.2
0.43	0.66	3.98	2.93	1.11	1.37	2.7	6.48	2.91	3.48	5.72	2.29
3.38	4.48	2.81	2.84	1.64	2.85	4.22	0.91	2.68	0.88	1.71	1.74
2.64	2.85	2.23	2.46	3.13	1.02	2.18	0.33	1.4	2.14	1.11	0.77
0.31	0.96	1.48	0.96	3.14	0.69	1.23	5.56	0.57	0.83	2.18	4.67
0.96	2.82	1.93	0.36	4.06	6.68	1.98	2.98	2.65	2.83	0.07	3.68
2.67	0.32	3.5	0.41	2.43	2.12	1.72	4.94	1.44	2.26	3.06	5.84
0.71	2.05	0.25	3.53	1.28	2.11	2.74	2.28	1.49	1.03	2.44	2.48
1.72	2.64	0.93	2.34	0.42	4.89	1.64	2.82	2.6	0.89	5.38	0.45
2.06	2.65	2.29	3.07	2.62	1.53	1.79	1.27	2.12	2.28	4.88	0.71
2.47	1.36	2.06	2.78	1.31	2.18	1.34	2.48	4.17	1.74	6.65	1.98
0.42	8.6	1.34	6.28	1.04	1.55	4.12	0.46	2.53	0.57	1.4	1.29
2.81	4.39	2.05	3.08	2.1	2.85	2.17	1.15	2.08	2.54	2.23	4.42
2.12	2.34	1.32	4.44	3.84	1.53	0.79	1.22	1.18	2.37	11.42	2.18
1.25	2.47	0.36	2.27	1.81	2.5	2.33	1.21	0.22	1.66	1.57	0.41
2.49	3.42	1.39	4.38	1.45	1.25	6.1	1.43	1.29	3.48	1.08	2.06
2.52	0.81	3.38	1.06	4.1	0.68	2.88	1.16	0.72	2.99	2.03	1.57
2.15	5.31	6.54	4.04	1.63	3.51	0.79	3.79	0.19	1.58	0.45	3.1
3.41	8.21	1.7	3.92	2.86	1.55	0.85	2.62	3.26	0.08	1.83	0.92
2.36	1.06	0.65	1.84	2.17	1.47	1.17	1.4	3.06	1.85	2.72	2.39
1.92	1.86	5.37	3.4	1.11	1.45	1.82	4.48	2.54	3.15	2.97	2.37
4	0.58	1.69	1.78	1.17	7.64	1.33	5.17	2.76	3.11	7.08	2.31
2.29	3.87	2.26	5.62	2.72	3.66	3.97	1.84	1.32	4.56	3.28	0.8
2.82	1.08	0.79	4.66	2.02	1.99	1.26	7.04	1.97	1.02	0.07	0.71
5.88	1.61	0.23	0.95	0.88	4.04	5.45	0.98	1.71	1.08	0.78	2.29
3.99	0.66	0.18	3.24	5.25	2.97	4.86	0.87	1.84	1.94	2.68	2.6
3.05	3.09	2.36	6.48	0.74	6.5	4.45	3.51	4.19	1.71	0.53	1.97
2.64	3.42	2.26	0.47	1.43	2.52	2.37	0.28	0.25	1.93	1.61	2.29
4.1	2.96	2.55	2.39	3.1	0.29	0.38	3.25	0.82	2.67	0.64	1.73
1.08	2.25	0.8	1.86	0.87	4.21	2.07	0.34	0.73	1.95	0.42	1.95
2.74	1.76	0.68	4.09	0.45	1.23	1.55	6.75	0.18	1.44	2.62	2.81
3.9	5.04	3.31	0.4	1.29	1.8	1.39	4.72	4.41	4.63	1.57	1.48
2.63	2.67	2.41	1.05	1.84	2.67	3.33	4.04	2.9	1	1.71	1.23
0.86	0.83	1.45	0.88	1.38	2.51	5.66	1.48	1.91	2.33	3	3.8
5.38	2.04	2.77	0.27	1.96	1.19	0.6	3.75	0.9	0.61	0.7	4.64
0.83	2.57	2.09	2.43	0.24	2.17	2.61	0.96	2.59	2.82	0.78	4.7
4.37	2.8	1.66	1.93	3.01	1.44	0.51	0.83	0.39	3.61	2.56	1.81
2.85	0.17	1.04	1.44	2.2	0.68	6.83	1.31	1.08	1.64	1.64	2.32
0.7	0.14	1.36	4.37	4.88	0.89	2.59	1.17	1.29	0.3	0.84	1.77
0.44	0.85	1.37	4.86	1.41	3.7	0.55	0.82	4.88	3.59	2.18	2.91
0.24	1.78	4.21	2.23	2.43	6.18	9.39	1.1	4.87	3.74	6.41	7.65
2.21	3.59	2.37	2.58	1.55	2.52	0.66	1.56	0.59	0.3	2.98	5.61
0.36	0.43	3.88	2.38	3.69	1.35	4.7	4.73	1.84	2.56	6.59	2.46
1.34	1.92	3.63	2.61	1.67	5.04	4.99	2.74	1.21	5.31	3.62	0.48
3.16	0.66	2.05	2.53	3.31	2.9	8.35	4.11	1.27	1.98	0.98	2.79
8.56	2.26	2.4	2.12	4.11	0.97	2.08	0.88	3.69	2.03	0.74	4.1
1.68	1.94	4.97	7.43	4.51	3.29	2.24	0.73	5.15	3.39	0.61	2.86
1.75	0.86	4.95	2.82	0.96	2.6	1.82	1.57	1.7	0.45	1.31	6.05
5.48	2.12	1.24	5.14	1.91	2.39	2.15	4.04	2.7	1.22	0.04	2.83
3.44	2.59	1.45	3.49	3.18	5.69	2.54	4.81	2.46	0.43	0.56	1.64
5.15	1.01	3.86	1.31	3.34	1.68	1.15	1.77	1.04	6.44	0.8	3.54
1.15	0.92	1.97	1.45	2.82	1.53	5.2	2.12	3.8	1.27	2.55	3.89
3.98	6.78	0.84	3.45	1.33	2.03	2.3	3.13	3.4	2.17	1.22	4.89
2.01	1.17	4.82	4.8	3.05	5.32	1.87	2.11	2.15	0.47	2.57	0.41
4.07	2.81	4.23	1.71	0.57	3.35	2.74	3.17	4.02	1.67	6.22	4.57
3.97	0.34	4.7	8.75	4.77	1.69	0.6	1.61	6.97	4.46	0.56	2.58
2.91	1.05	2.68	3.95	0.78	3.64	3.91	2.51	0.2	2.18	1.79	1.32
1.69	0.64	3.12	3.73	1.42	4.57	2.8	1.54	4.2	2.42	1.58	1.16
3.2	1.46	3.06		2.54	2.96	0.44	1.92	0.55	1.53	1.22	2.67
4.62	2.64	3.46		1.8	0.4	1.6	1.85	2.93	3.43	1.77	2.62
1.97	1.08	0.68		1.07	2.53	3.87	1.72	8.7	2.6	3.13	4.86
5.11	3.85	3.18		2.01	4.03	3.27	2.39	0.55	0.66	2.96	0.8
0.11	2.89	0.73		3.31	3.63	2.68	3.97	3.13	2.6	3.94	6.81

1.03	0.36	2.01		1.52	0.95	2.66	1.6	2.05	4.52	2.69	2.57
1.14	1.13	3.98		3.7	0.7	0.99	1.74	2.34	1.47	1.09	1.54
2.33	1.42	7.61		1.03	1.65	1.31	3.5	1.87	0.5	3.2	0.51
1.18		0.86		4.46	0.55	3.35	1.56	2.9	0.95	1.07	0.75
0.95	3.38	0.51		1.68	1.36	2.15	1.68	2.43	2.48	2.28	0.22
4.59	1.8	2.63		3.35	1.31	1.22	3.06	2.67	1.06	1.66	1.36
2.53	4.88	4.22		3.85	1.32	0.26	4.3	2.02	1.41	0.72	0.25
2.57	4.3	2.37		4.69	1.53	3.52	2.27	0.54	2.59	0.53	2.68
5.35	1.25	3.56		3.95	0.77	4.39	2.61	2.72	5.66	2.92	0.46
0.55	3.8	0.92		1.87	5.37	0.79	1.09	2.18	1.35	8.38	0.98
3.11	3.09	2.01		0.83	2.92	1.67	0.53	1.95	1.59	1.46	1.84
2.5	1.32	2.38		1.48	0.8	2.39	3.48	1.94	0.66	4.98	2.96
3.87	2	1.83		1.67	1.48	2.62	1.25	1.36	0.4	3.55	0.47
2.79	2.48	1.58		0.67	1.83	1.22	3.85	3.05	6.87	2.22	2.4
6.07	2.06	0.64		4.08	1.71		0.28	1.74	2.45	1.7	0.7
4.36	4.5	3.69		1.54	0.48		2.59	1.02	4.42	1.63	4.36
1.97	0.94	1.61			3.58		2.34	1.23	0.52	3.11	0.76
5.41	2.77	2.18			7.14		3.87	1.09	0.94	1.92	2.57
2.34	1.37	0.66			1.4		3.1	1.67	2.28	2.48	2.11
1.57	2.48	2.96			2.24		0.22	1.34	1.6	1.64	2.84
	4.32	1.9			3.75		2.52	0.45	5.05	5.21	1.28
	2.22	2.93			2.7		1.42	2.96	3.96	3.53	1.27
	1.1	1.84			0.37		0.4	2.33	0.9	3.48	1.63
	1.06	4			1.1		4.81	0.13	3.96	2	5.29
	3.64	5.48			2.83		2.14	1.82	1.57	4.92	2.72
	4.13	9.1			4.35		4.39	2.22	3.1	2.62	2.04
	2.87	1.65			0.54		3.86	2.07	2.3	2.2	1.44
	2.56	5.84			2.04		2.96	2.2	4.22	1.56	1.69
	2.15	2.7			2.64		4.02	0.45	1.3	1.02	2.48
	2.38	5.03					5.11	3.88	2.21	0.82	2.48
	1.35	4.61					0.77	1.93	0.77	2.98	1.07
	3.81	3.76					0.63	1.21	4.31	1.98	3.35
	0.61	5.52					1.11	2.66	2.6	4.85	2.23
	1.74	1.17					1.69	3.01	0.92	1.07	2.28
	3.34	2.34					1.29	4.19	0.41	0.44	1.03
	1.9	2.18					2.21	1.77	1.65	2.27	4.08
	1.94	2.89					1.3	1.04	0.68	3.57	4.4
	1.07	3.45					0.23	2.07	1.16	1.25	3.54
	0.91						2.79	0.51	0.86	4.8	
	3.76						1.55	3.94	0.44	1.77	
	0.3						0.76	1.04		1.71	
	0.31						6.97	2.7		3.75	
	2.32						3.79	2.43		4.57	
	1.73						0.4	4.6		2.11	
	1.27						2.46	1.82		4.41	
	4.27						1.9	2.06		2.01	
	2.56						3.59	5.12		2.9	
	2.32						4.04	5.47		2.24	
	3.7						6.4	4.22		6.46	
	0.83						3.31	4.38		4.24	
	3.85						1.8	0.39		1.79	
	2.98						2.05	3.8		2.42	
	1.53						1.53	1.75		0.75	
	8.18						6.21	2.12		3.69	
	6.08						3.39	3.29			
	1.99						0.8	2.59			
	1.76						4.31	0.5			
	2.6						3.91	1.33			
	1.19						1.41	3.32			
	0.8						2.34				
							2.06				
							0.79				
							1.71				
							9.01				
							0.93				
							1.15				
							0.97				
							0.46				
							3.84				
							0.67				
							1.43				
							2.8				
							3.55				

ANNEX - 4 - Time Headway Data For Different Leader Follower Pairs

CAR-CAR	CAR-COM	CAR-HV	COM-MC	COM-TW	COM-CAR	COM-COM	COM-HV	HV-MC	HV-TW	HV-CAR	HV-COM	HV-HV
11.9	9.44	13.7	9.78	10.37	15.87	13.62	12.55	8.06	10.77	15.61	14.02	7.89
10.67	9.71	13.95	10.14	15	10.07	11.49	8.52	12.99	14.32	13.05	9.68	11.19
13.14	10.47	5.82	9.05	8.24	12.14	8.86	8.77	11.53	8.82	6.05	14.26	9.25
14.64	14.27	13.21	11.38	7.56	13.48	15.19	8.62	12.95	8.37	11.42	10.5	18.15
8.46	9.96	11.45	12.71	13.04	8.61	8.54	10.39	18.05	9.84	19.15	9.06	9.72
12.02	12.47	11.32	14.59	9.8	7.95	8.36	9.65	15.26	17.94	7.31	6.98	6.87
9.79	11.34	9.54	10.28	3.91	5.16	13.28	9.39	10.54	12.38	11.62	12.53	17.19
13.29	11.76	14.8	13.17	10.21	8.95	10.27	21.21	7.71	14.07	16.92	7.58	14.19
8.95	6.93	4.21	6.53	3.42	9.1	8.01	10.43	15.92	9.65	8.4	10.94	13.25
8.17	7.82	9.11	13.59	16.09	8.48	9.31	7.49	14.95	11.66	10.23	9.4	9.14
7.7	8.11	9.09	6.05	14.31	11.12	13.3	7.75	13.68	7.45	8.36	6.42	7.52
7.2	9.09	8.76	12.77	8.88	14.26	12.48	13.82	11.17	8	8	9.67	9.75
13.57	9.06	11.26	8.9	16.87	6.3	13.8	12.91	11.54	6.99	17.36	6.15	7.69
9.1	16.18	8.31	7.9	12.05	14.83	13	9.32	11.78	8.59	8.73	11.9	11.49
13.41	8.88	17	11.25	12.38	9.04	9.92	9.62	8.28	15.09	10.49	15.64	11.58
7.57	8.62	5.81	14.77	7.53	8.9	7.55	9.08	8.63	3.95	10.25	11.46	7.46
12.26	9.75	10.82	9.52	13.58	8.69	8.95	9.14	9.31	12.76	11.93	8.91	13.18
12.09	10.38	8.26	11.21	8.52	9.89	11.65	6.62	9.89	7.14	6.58	7.05	6.36
8.56	12.4	11.21	17.19	6.76	8.37	11.87	10.41	10.93	6.13	10.48	10.33	17.46
6.92	6.9	12.14	11.01	13.11	11.48	13.05	9.24	8.98	11.53	7.15	5.66	11.26
7.13	11.28	5.85	7.67	10.9	7.81	9.25	9.68	6.05	3.73	8.85	5.25	9.07
8.27	11.04	15.41	13.89	7.9	13.79	11.79	6.99	5.81	14.59	9.63	12.31	8.53
14.99	6.67	15.78	9.33	6.23	11.11	9.42	6.22	9.38	5.62	10.44	6.5	10.75
8.75	7.17	10.26	10.22	10.46	13.8	16.5	10.42	13.19	7.47	13.26	10.69	8.81
4.52	7.4	12.27	7.9	12.29	12.88	16.41	11.11	10.85	10.93	8.4	13.76	12.63
10.73	8.75	15.04	11.95	8.25	6.38	8.78	7.93	12.22	9.35	9.96		6.62
13.48	10.05	14.72	10.55	11	10.43	9.66	14.83	13.25	14.68		3.79	8.26
3.43	16.12	13.68	10.35	10.13	12.75	9.66	12.96	14.58	12.44	10.9	11.22	8.8
6.64	9	6.93	11.81	8.61	3.81	13.85	11.13	12.58	11.8	15.32	7.16	11.3
10.7	14.79	9.83	7.32	10.92	16.99	17.9	10.53	14.55	7.12	5.1	11.05	13.89
13.34	11.79	0.84	5.68	7.46	7.63	12.75	9.56	5.72	12.07	10.79	11.64	8.94
8.83		10.56	8.73	3.94	9.15	10.33	16.63	12.89	16.3	8.48	8.04	9.82
7.73	10.25		6.73	10.57	15.26	15.66	8.82	7.86	8.06	11.13	12.44	4.71
11.73	11.96	8.23	7.14	12.07	11.58	5.1	8.4	9.32	8.18	7.5	10.15	10.63
11.33	8.08	11.95	7.35	4.37	9.84	6.18	12.21	9.23	10.48	8.47	5.95	8.43
11.47	8.21	6.22	14	9.54	10.19	11.67	7.42	6.34	10.8	15.86	7.96	4.68
14.13	11.38	9.84	9.12	6.39	14.83	6.98	12.36	13.56	14.14	6.21	15.08	
8.45	13.92	11.81	10.64	22.27	12.1	12.47	8.24	9.06	11.59	7.77	6.93	12.81
15.13	11.32	10.57	12.36	16.5	9.59	8.36	16.5	9.46	16.64	13.13	11.52	10.48
5.47	9.75	12.12	15.56	10.88	10.14	20.95	11.87	15.07	12.14	13.19	11.63	10.87
17.74	8.86	14.45	9.68	11.75	4.95	9.67	8.29		10.9	14.19	6.14	7.35
12.05	12.2	13.24	7.46	7.86	3.86	10.96	8.72	15.41		9.61	13.97	8.38
5.89	8.69	14.14	11.21	14.51	13.21	18.44	10.34	9.81	4.2	15.21	8.99	10.28
12.6	10.72	11.97	10.11	10.96	7.27	11.31	7.01	9.67	9.99	16.56	6.24	12.09
12.66	8.31	4.28	10.55	9.92	8.02	12.31	9.21	18.3	9.51	11.08	8.12	7.69
7.94	7.39	8.74	6.35	6.16	9.34	8.32	14.97	7.98	11.85	11.21	10.63	7.58
7.72	9.36	5.22	13.11	9.7	10.07	5.59	7.3	9.09	9.73	12.43	7.41	9.9
10.15	15.58	7.2	7.94	13.71	10.48	17.52	10.45	14.82	9.54	6.6	12.16	15.22
10.06	14.02	15.3	8.99	10.39	12.91	10.79	13.1	11.32	8.68	9.37	13.6	15.31
7.39	9.91	11.14	6.26	9.37	9.49	7.25	10.9	7.99	14.55	12.98	15.02	8.7
14.61	7.25	15.81	13.59	10.67	9.67	12.44	7.71	12.02	5.5	6.62	5.33	8.68
12.11	8.99	11.46	14.83	5.03	12.22	4.65	6.58	13.14	5.66	15	10.45	6.96
14.48	11.35	10.99	4.86	17.84	6.14	17.3	9.23	9.03	6.84	7.6	13.09	15.57
6.68	7.55	10.13	9.97	14.39	8.42	13.42	17.1	11.79	8.85	10.88	19.01	6.14
6.35	4.11	9.08	15.69	4.04	10.89	12.57	9.56	14.98	12.7	13.86	13.73	16.3
8.35	9.3	10.99	9.31	8	11.73	15.65	15.26	10.77	17.45	6.05	20.59	7.66
9.61	9.32	13.41	8.27	11.6	12.2	13.39	10.42	14.64	9.04	10.17	15.61	12.17
10.39	9.7	5.04	6.47	6.33	10	10.62	11.52	12.17	9.9	16.11	10.87	10.35
8.02	10.19	14.09		5.39	12.51	14	10.75	9.78	14.75	12.51	10.97	6.59
9.57	8.9	8.65	9.3	9.26	10.31	14.55	12.9	14.35	14.22	17.15	6.08	5.64
3.29	11.14	10.35	12.61	8.39	13.54	6.6	10.78	6.91	10.08	8.61	13.7	12.06
7.45	14.05	18.82	9.13	12.79	14.23	11.04	11.57	9.65	11.58	7.24	10.6	7.97
3.75	9.27	16.1	12.76	6.09	10.27	9.88	5.48	16.19	9.02	5.67	12.78	14.11
10.46	8.23	11.8	8.53	13.31	7.81	14.68	11.86	17.08	9.45	9.03	9.7	15.41
8.5	7.29	4.86	12.18	8.09	11.35	12.52	6.1	4.72	4.2	10.7	9.02	14.55
11.97	5.23	13.25	10.31	8.13	8.68	12.8	12.6	9.86	9.2	12.59	14.17	9.53
22.46	10.87	10.1	5.43	6.75	13.09	10.82	8.83	5.51	16.69	10.32	8.4	10.39
8.49	13.86	7.78	5.43	6.04	10.08	10.03	15.9	4.47	8.53	7.48	7.91	11.65
15.61	14.5	11.87	6.22	7.52	17.61	9.2	9.34	10.31	6	10.73	12.05	15.05
11.93	10.7	12.85	8.51	3.37	7.3	14.64	4.67	7.49	5.48	9.98	4.18	11.65
8.57	10.24	9.07	5.38	12.8	10.56	9.34	15.01	12.79	5.53	6.46	15.65	7.62
4.59	5.6	10.63	3.85	13.63	11.7	7.37		8.41	10.11	5.78	18.56	9.18
9.43	11.81	8.24	2.71	9.96	3.87	15.65	10.71	13.71	8.83	8.31	8.66	7.87
12.8	8.6	11.49	2.58	9.88	8.63	7.36	11.4	8.84	6.05	16.14	22.18	6.95
7.55	7.54	10.03	0.7	4.16	12.02	8.1	9.88	17.05	12.4	11.32	10.65	11.24
8.99	5.1	13.75	4.69	13.1	5.52	10.23	10.57	7.38	13.84	9.47	9.95	9.13
8.12	11.19	6.92	4.8	9.73	7.82	8.62	12.01	8.19	9.42	8.94	5.14	5.75
5.65	8.47	14.71	3.66	8.04	10.53	13.21	15.2	13.31	9.12	8.87	12.5	23.28
11.23	10.24	9	4.56	11.43	11.95	18.03	7.64	6.07	8.88	12.83	9.43	11.04
10.93	7.17	14.25	1.53	11.64	14.93	10.95	8.07	9.33	9.34	12.42	19.46	12.93
10.94	7.11	8.27	2.02	14.55	9.47	12.94	6.88	12.64	4.06	12.63	6.94	8.91
8.98	5.28	7.71	4.36	12.37	10.76	10.84	10.56	7.33	7.74	17.01	7.09	17.83
5.64	9.67	16.36	2.26	11.64	9.56	5.3	14.09	9.65	7.48	15.93	9.68	8.87
8.39	9.87	7.95	3.79	10.59	7.52	10.8	6.48	8.01	4.05	13.3	13.3	5.65
7.77	6.96	8.75	4	8.75	14.89	13.68	7.22	9.48	8.11	11.55	10.17	8.32
5.94	5.04	7.58	2.24	16.26	3.63	15.52	7.78	8.25	4.87	15.62	12.32	10.48
9.69	4.15	4.64	1.68	10.12	3.31	13.57	10.77	1.86	2.22	6.79	8.72	6.79
4.78	1.94	10.94	2.02	12.58	4.6	13.43	7.21	6.31	2.26	12.37	4.72	8.72
1.47	3	8.92	1.49	11.84	6.52	9.71	9.44	2.09	2.01	3.06	11.4	9.71
6.72	3.48	6.71	1.83	14.48	0.99	10.55	14.33	2.4	3.4	5.36	9.05	5.58
4.02	1.29	8.2	3.44	15.57	2.56	16.69	14.52	6.1		5.27	4.58	5.62
4.78	1.82	4.81	6.72	4.94	2.59	7.55	8.83	1.52	3.96	11.57	9.92	10.74
2.67	6.49	7.43	3.76		1.4	9.74	9.1	1.46	4.85	7.94	11.44	10.65
3.42	0.94	13.66	4.02	19.25	6.17	4.25	8.79	1.89	4.44	4.65	10.08	9.67
3.19	2.29	15.69	1.89	17.2	1.92	6.16	10.46	3.78	2.07	6.99	11.29	8.2
3.41	11.06	8.47	2.81	10.55	5.13		8.68	5.88	2.37	9.02	11.36	13.57
7.23	2.51	14.1	2.64	14.55	5.5	11	3.61	1.31	1.85	6.08	7.49	5.11

3.34	1.48	7.76	3.52	4.6	6.22	12.13	4.3	0.72	2.24	17.27	8.38	9.29
3.44	6.3	8.28	2.67	4.92	1.66	8.3	2.38	10.4	2.17	7.57	3.87	7.78
1.52	3.21	7.72	5.79	8.46	4.82	4.85	2.06	2.36	3.6	8.19	1.78	6.35
6.34	8.67	5.92	2.89	5.88	4.99	10.15	1.35	6.83	5.46	9.23	3.69	3.14
3.62	2.99	15	4.76	14.27	3.48	8.67	5.93	4.16	4.47	9.78	6	5.75
1.51	4.81	15.19	1.25	11.9	4.64	8.5	5.64	2.81	1.28	14.55	4.52	3.8
3.72	4.09	5.47	10.98	5.59	2.55	8.9	4.29	5.4	1.59	8.39	2.27	4.31
4.09	2.18	5.96	6.14	6.01	6.2	9.01	4.69	4.21	4.56	7.46	4.42	3.05
4.5	2.94	7.23	5.18	10.08	3.04	12.65	4.76	3.72	1.89	13.53	3.53	0.54
3.67	4.56	3.14	4.35	7.73	2.85	12.19	0.57	1.59	5.29	6.01	2.68	2.27
5.06	3.66	3.08	1.87	5.45	6.85	5.9	4.18	1.14	4.12	10.6	3.33	3.47
4.48	2.27	7.1	8.78	8.79	5.43	8.62	2.09	3.41	1.19	6.78	1.79	1.88
2.85	3.4	0.63	4.81	3.15	5.35	2.5	2.71	0.77	2.61	8.53	6.41	3.4
3.9	5.34	4.75	5.76	3.15	2.33	3.66	6.06	2.19	1.94	7.94	4.52	2.37
2.22	1.15	2	2.48	4.84	3.93	4.16	3.5	6.32	5.56	3.9	2.18	4.99
5.92	9.89	3.43	4.82	7.01	2.66	3.1	4.15	4.35	1.47	4.41	3.03	1.42
2.84	6.14	1.51	4.71	3.7	5.59	4.98	1.12	4.69	3.85	4.16	1.79	3.78
4.64	6.37	5.72	4.24	5.97	4.9	3.03	2.84	4.77	3.75	4.96	3.75	1.2
3.93	0.8	2.02	3.05	4.01	4.04	4.41	5.09	2.34	3.24	8.7	0.32	2.33
2.78	2.36	3.17	1.46	6.75	10.38	5.34	5.27	4.93	2.95	7.78	4.33	2.06
8.36	6.81	1.6	3.77	1.98	8.67	4.59	4.25	5.36	3.81	4.63	2.98	5.52
7.43	8.62	2.39	5.23	7.34	3.82	2.98	2.21	4.57	1.98	5.45	4.85	2.77
7.77	5.88	4.03	5.71	3.34	5.25	3.65	4.01	3.24	3.7	5.08	2.22	2.42
3.7	5.4	13.08	1.94	2	5	4.29	2.02	6.91	3.27	4.57	2.55	2.89
3.19	1.38	2.47	2.73	4.65	3.89	1.5	6.01	2.87	2.86	2.85	4.62	3.24
4.13	4.96	5.3	1.5	6.1	2.07	4.55	6.48	5.07	7.12	3.58	6.29	2.75
3.37	0.53	4.71	3.53	1.77	2.54	1.91	4.24	4.36	6.74	6.6	2.75	2.68
10.88	3.01	2.03	2.15	4.36	2.84	1.47	1.9	3.09	6.83	5.38	4.57	4.7
9.03	3.64	5.4	4.39	2.54	1.75	2.49	0.51	2.92	7.28	0.92	4.68	6.63
9.73	4.66	4.98	5.52	2.17	2.34	1.03	8.46	4.14	11.77	6.46	1.41	2.62
10.97	1.55	5.9	6.21	4.53	5.87	2.43	3.45	7.17	6.46	7.31	9.85	3.88
5.8	1.22	2.09	4.17	4.24	3.38	4.59	4.94	4.03	5.78	6.22	0.85	2
4.6	3.78	6.75	4.45	6.69	3.26	1.69	6.44	4.02	2.91	2.18	3.43	6.25
4.47	2.7	1.01	8.4	1.07	1.03	2.47	2.66	1.71	5.82	2.65	2.39	6.35
6.21	3.05	2.87	0.75	0.51	1.16	8.81	5.82	3.2	7.54	4.76	4.09	1.91
5.21	1.45	2.25	3.45	3.41	1.23	3.86	3.11	4.35	3.29	3.85	3.87	3.99
2.32	4.08	9.48	3.47	3.67	1.22	0.82	3.92	6.82	3.63	2.66	2.53	2.2
2.45	3.29	3.21	2.54	5.84	2.3	0.74	2.46	4.5	3.02	0.73	3.86	7.96
6.12	8.26	3.76	4.25	8.38	3.38	0.29	2.25	10.23	1.87	3.45	2.28	4.5
5.42	2.15	2.53	2.01	0.78	2.56	2.99	2.01	4.05	2.1	4.73	4.68	3.68
1.72	1.4	4.23	5.98	4.4	2	3.58	2.27	11.29	1.88	2.83	9.23	3.84
	10.93	6.71	3.44	4.56	1.98	8.12	9.76	2.34	5.67	1.74	3.27	2.58
2.37	4.99	2.13	2.2	2.09	0.9	4.45	5.71	2.53	0.77	3.16	2.24	1.84
1.39	4.84	3.63	2.27	2.02	3.54	3.24	3.52	2.68	3.37	2.74	6.76	3.67
1.8	2.38	6.65	2.5	4.95	5.84	3.63	3.48	4.1	2.54	2.19	2.51	3.6
1.29	4.11	10.82	3.19	8.28	3.46	1.84	3.99	4.37	3.25	9.87	7.17	15.41
6.74	9.5	5.73	5.74	4.51	5.66	1.25	3.06	5.9	3.35	8.23	9.15	10.45
4.06	2.12	5.64	3	5.73	2.29	5.49	3.4	2.61	2.59	5.59	4.67	8.52
4.85	5.99	9.01	5.88	0.88	7.33	2.23	6.14	2.49	1.71	8.22	3.42	6.27
2.57	5.16	5.81	1.43	1.57	2.75	2.29	7.53	5.06	1.41	9.17	5.7	2.8
5.35	8.49	6.32	3.32	3.84	3.22	6.75	1.61	1.68	3.54	8.16	5.09	8.14
6.36	3.46	8.44	6.15	5.21	4.94	3.45	3.19	3.81	7.88	7.97	7.67	3.19
2.32	6.01	3.61	3.72	4.09	4.96	4.62	2.67	6.66	3.34	0.29	3.61	5.12
1.84	6.18	3.26	7.61	1.35	11.42	4.13	3.3	5.72	5.54	2.2	4.9	4.13
3.72	3.55	4.23	6.09	2.34	6.17	5.08	3.35	2.86	2.02	2.09	4.34	4.18
8.7	3.6	3.27	14.65	2.88	2.34	5.75	3.52	3.41	3.97	4.91	2.5	5.05
5.36	6.83	1	7.52	3.11	4.13	3.2	1.68	1.56	2.32	5.63	5.51	0.76
2.63	1.26	1.21	2.86	5.34	3.2	1.55	3.79	2.18	3.02	7.3	3.12	1.71
2.48	2.76	2.34	4.15		5.86	3	0.96	1.06	4.91	2.01	3.59	1.74
7.4	3.96	2.35	7.18	3.26	3.9	7.34	2.81	3.49	1.75	2.72	1.8	4.4
3.64	5.59	4.88	2.71	3.83	4.16	9.25	5.16	1.91	6.77	1.4	2.15	4.4
6.08	4.08	3.17	3.14	5.37	1.89	8	7.81	2.78	2.68	4.68	4.1	1.5
4.84	1.62	2.97	2.52	6.95	2.4	2.48	2.96	2.76	1.17	2.44	1.64	1.87
1.14	6.15	4.43	1.61	3.61	0.55	4.03	4.89	2.89	6.4	1.76	1.11	2.92
5.31	1.96	3.73	3.56	4.15	3.74	2.75	5.75	3.15	6.25	3.83	1.95	5.76
2.43	4.58	2.03	2.1	7.58	4.25	5.26	3.04	3.17	7.12	3.11	3.7	4.76
1.53	7.01	1.66	3.3	6.19	1.56	9.79	1.51	3.75	2.49	4.52	3.29	6.03
3.61	2.85	5.06	3.7	3.44	2.89	7.05	3.59	1.32	2.25	2.02	2.44	1.74
2.47	1.17	5.91	3.74	3.82	1.74	4.01	2.97	1.32	4.12	1.51	2.54	4.35
0.73	3.8	2.71	5.11	5.39	3.36	6.8	2.6	6.18	2.4	4.4	1.26	6.05
3.26	2.82	2.13	0.35	7.06	3.7	3.06	8.07	3.89	2.8	6.58	5.69	5.33
1.45	2.4	4.45	0.64	1.88	1.06	0.59	6.5	2.1	0.3	2.61	5.82	1.92
4.04	6.41	8.99	2	2.23	4.92	3.97	2.77	2.75	1.38	2.83	2.7	3.37
12.93	2.87	3.47	2.1	1.73	4.12	2.95	2.74	6.43	1.24	1.84	2.26	4.9
1.98	0.88	4.07	3.09	1.92	2.17	6.28	1.44	3.29	3.23	5.92	6.13	2.85
8.48	2.47	1.24	1.9	1.63	1.72	1.91	3.74	1.26	2.67	5.77	2.48	4.36
5.41	3.42	3.85	2.79	6.57	3.35	3.09	2.23	4.41	4.37	3.08	2.9	2.67
1.7	3.07	4.07	4.73	3.29	4.07	2.83	7.86	4.47	3.72	4.4	4.56	3.49
5.75	5.48	7.14	4.18	3.07	7.14	4.66	6.87	6.07	5.62	2.71	2.09	8.48
4.21	5.8	9.32	2.84	1.82	6.03	5.15	11.92	5.84	1.33	2.84	3.81	5.18
3.29	4.78	6.7	7.43	6.15	8.73	1.05	6.09	6.19	3.6	4.94	4.58	3.09
4.74	5.75	8.16	1.37	4.9	6.4	1.72	2.9	8.31	2.97	6.28	3.65	4.86
1.6	8.3	7.95	2.6	4.23	7.92	2.34	0.52	4.68	2.04	4.38	2.04	6.99
1.9	13.01	4.34	2.82	6.18	9.76	3.71	3.7	0.37	3.15	5.18	5.09	4.04
1.32	12.42	4.39	4.73	3.87	2.21	2.57	4.39	2.19	2.52	7.06	1.7	5.04
5.86	1.83	5.89	2.91	6.73	5.08	1.29	4.8	3.72	3.14	9.05	1.89	1.96
1.38	3.1	6.57	3.46	5.08	2.85	9.57	3.32	2.59	2.72	5.37	2.36	4.74
2.16	1.61	5.16	2.19	9.85	4.59	5.89	5.03	3.9	3.43	4.49	3.17	6.5
1.21	2.11	6.27	0.93	5.04	2.45	4.97	1.35	4.24	3.18	3.52	3.3	2.72
2.66	1.06	5.14	5.25	3.96	3.19	3.73	7.7	3.52	3.64	6.76	4.94	2.77
7.71	4.96	5.69	4.33	2.13	1.62	9.13	7.39	9.72	3.2	1.75	2.35	2.9
4.42	7.89	2.14	3.44	4.93	2.57	3.26	3.7	3.7	5.18	2.08	2.71	0.97
0.85	4.62	4.86	1.96	9.2	1.13	4.34	6.6	3.64	6.62	1.41	0.94	5.99
2.46	1.07	5.03	4.44	4.49	1.27	1.91	0.95	2	1.43	6.01	0.91	2.72
2.73	0.83	1.29	2.23	2.04	2.43	3.75	5.74	6.91	2.28	2.37	2.69	3.72
1.21	2.33	2.89	3.82	4.79	3.27	3.22	5.35	2.66	6.11	8.88	3.82	2.7
5.72	4.6	4.95	6.34	6.78	3.09	3.62	3.79	4.82	9.26	2.06	3.7	1.57
4.92	2.37	4.19	2.52	3.74	1.19	5.09	2.95	5.14	7.97	6.93	5.78	1.06
3.83	3.49	4.54	2.35	1.6	2.92	1.67	6.56	4.94	5.36	3.21	14.46	4.49
1.3	1.77	2.51	2.28	0.99	3.73	5.61	7.73	4.83	0.77	6.1	9.66	5.35

4.9	2.83	2.78	3.95	2.73	1.18	3.11	5.73		3.74	3.71	9.88	0.64
2	3.65	1.9	1.06	2.67	2.05	4.16	8.57	5.03	1.31	6.52	2.52	2.79
0.4	3.11	5.06	6.47	3.36	6.6	2.69	7.93	8.17	5.01	6.41	5.31	1.95
2.15	1.4	6.06	5.69	3.75	1.79	2.48	3.98	3.13	1.95	5.15	4.41	7.79
1.28	3.73	6.69	2.18	4.07	3.78	4.14	2.77	10.41	5.84	5.82	2.68	9.59
2.94	1.24	7.73	1.29	9.6	4.97	6.31	2.5	5.34	3.59	0.61	1.92	3.86
1.47	3.21	3.38	1.38	9.17	1.39	3.55	2.93	5.19	5.72	2.58	2.89	7.71
0.66	3.37	5.37	4.34	4.59	1.48	2.21	4.09	5.45	3.47	1.58	1.25	6.14
2.1	4.34	3.89	2.33	2.46	2.13	4.64	6.08	3.99	4.35	2.99	4.96	8.08
3.08	2.06	4.41	4.66	5.58	0.96	3.29	3.12	2.03	0.87	2.7	5.63	2.71
3.28	2.81	4.84	4.91	1.69	1.53	4.48	3.51	1.13	1.92	0.85	6.28	3.31
1.59	1.43	3.3	6.96	2.05	2.02	3.2	2.2	2.9	6.59	2.29	2.97	1.45
1.13	3.5	1.68	2.07	5.13	0.86	3.8	1.16	4.49	4.56	0.91	4.17	1.05
1.08	2.39	4.69	3.51	2.82	1.93	0.67	4.72	2.48	7.36	2.55	3.47	6
0.88	3.31	3.97	6.53	5.11	3.39	1.56	3.67	0.61	3.56	1.52	2.42	1
3.57	1.12	1.81	5.35	6.22	3.84	1.82	1.57	0.96	2.51	2.91	0.42	2.05
5.48	3.35	1.7	6.01	3.64	1.24	7.48	3.69	7.32	2.33	5.26	1.59	4.1
1	2.13	6.87	2.6	10.21	5.42	2.17	2.03	1.88	3.17	2.53	3.2	1.75
3.56	4.8	3.07	3.6	2.33	5.41	2.2	1.72	2.32	2.93	1.2	2.99	1.08
6.6	2.66	5.27	2.29	2.32	1.57	1.95	0.44	2.03	5.3	1.5	1.51	3.37
2.54	1.83	2.42	5.02	2.79	7.56	4.39	1.06	5.95	2.63	2.81	1.15	6.55
2.3	4.4	3.15	5.15	6.64	3.6	1.13	1.79	5.26	0.71	2.45	1.35	3.06
3.22	1.65	2.9	3.58	8.07	2.62	6.77	1.15	5.07	4.24	3.34	4.02	9.01
2.25	5.5	2.95	3.68	6.51	2.28	2.73	1.66	3.26	2.67	3.25	1.5	1.33
2.26	4.63	1.68	2.88	9.94	3.17	13.74	2.63	1.99	4.49	2.81	2.27	4.67
0.93	4.78		1.78	6.48	5.63	5.3	6.62	6.01	2.94	7.72	1.67	3.47
3.05	1.85	3.31	2.65	6.8	1.98	2.66	4.07	4.3	1.37	2.64	3.74	4.68
2.34	2.33	1.78	3.39	2.8	0.57	3.9	4.44	2.05	1.07	0.78	2.35	3.55
4.58	2.24	3.26	1.89	2.47	1.09	4.21	3.65	6.13	3.45	2.63	1.9	2.5
4.11	1.36	3.57	6.03	4.48	1.68	1.32	1.28	0.59	4.82	7.21	4.6	4.92
6.01	5.05	1.38	1.81	4.86	0.49	3.7	5.08	3.19	6.46	1.05	5.33	7.27
2.53	2.16	2.31	2.08	2.15	6.76	2.69	3.24	3.05	0.86	5.85	5.06	2.19
2.87	3.89	0.51	1.63	2.96	5.82	5.37	6.04	1.32	1.63	6.51	1.65	2.64
3.59	0.52	2.72	5.8	11.77	1.2	3.06	2.41	1.84	5.22	4.64	3.28	1.25
5.64	2.58	1.67	5.44	5.51	4.37	3.08	1.42	0.73	1.15	1.55	4.87	3.38
2.81	1.41	3.66	1.92	1.37	0.38	2.39	2.07	7.18	0.65	1.98	4.23	1.21
2.07	2.82	3	1.45	5.57	1.22	1.12	1.25	3.34	9.42	1.47	4.08	6.75
2.31	4.07	2.75	0.7	5.4	2.47	1.22	3.25	1.1	2.34	2.3	1.49	5.54
2.17	0.87	3.8	0.65	5.57	1.12	0.63	3.44	1.49	3.37	0.65	5.38	2.86
3.15	1.54	2.83	2.2	1.17	2.89	4.28	3.42	0.89	2.05	1.36	3.67	4.78
3.36	6.08	5.09	3.18	2.38	4.72	4.58	3.04	1.96	2.72	2.35	5.02	1.93
5.34	2.06	1.65	1.74	6.44	11.82	1.73	2.81	2.87	2.55	3.45	4.86	1.31
4.51	8.15	2.35	3.24	7.9	0.99	5.87	1.45	1.89	1.46	1.8	3.49	1.28
2.23	8.28	2.83	3.97	1.96	2.48	8.31	3.22	7.97	2.78	3.05	5.17	3.2
3.79	3.42	2.01	1.35	2.44	5.65	4.47	5.57	2.16	1.62	0.97	6.36	3.17
2.65	1.64	3.1	2.11	5.47	8.23	2.94	3.33	7.4	1.47	3.69	5.84	1.62
6.29	3.54	2.65	3.43	3.6	6.01	5.03	4	4.22	3.57	5.51	0.97	3.68
1.59	4.02	5.72	1.28	2.11	1.66	2.15	3.15	3.84	2.56	3.36	2.08	3.61
1.55	3.93	1.45	2.9	1.71	8.68	2.88	2.69	5.77	4.71	1.81	4.33	1.85
2.96	1.91	5.1	3.79	1.61	3.15	6.94	1.86	4.41	2.09	1.38	2.95	4.54
3	2.93	0.44	4.26	2.97	6.91	3.9	4.41	1.47	1.98	5.62	1.96	2.92
4.25	2.17	2.4	3.17	1.92	4.13	6.66	8.71	4.06	6.56	3.56	4.06	4.53
11.71	2.67	3.39	5.29	2.22	3.77	1.93	0.73	1.72	2.2	1.35	3.11	3.86
3.06	4.7	4.05	1.71	2.76	3.71	3.04	6.41	3.59	3.73	4.2	3.97	2.47
1.7	2.53	4.14	1.94	4.3	6.59	0.7	2.87	5.31	0.82	0.8	2.21	2.71
4	4.06	2.92	3.61	6.32	5.06	3.77	2.91	3.1	1.53		4.04	1.22
0.5	3.3	2.27	4.32	2.81	6.11	5.72	2.75	2.9	1.81	1.65	3.57	1.63
2.36	2.08	4.1	3.2	1.39	4.05	2.54	4.84	5.37	1.99	1.23	4.76	2.69
3.06	2.84	2.18	3.99	3.59	4.1	2.35	2.73	2.28	3.21	2.47	4.8	3.26
1.46	7.07	0.64	1.77	10.13	2.22	2.36	2.57	2.5	3.72	3.98	4.71	0.72
3.12	4.14	2.85	2.66	1.83	2.41	2.3	2.95	4.9	0.96	3.57	1.76	0.99
6.24	2	0.68	3.7	3.05	1.63	1.81	5.42	5.57	0.96	0.9	5.27	2.45
2.52	3.88	2.21	2.86	6.18	4.49	1.95	4.49	2.08	0.77	5.18	2.11	5.78
3.05	2.88	4.6	6.15	2.17	1.19	1.22	3.46	2.78	2.64	0.73	3.01	5.17
3.87	1.66	1.53	4.87	7.04	3.13	4.3	2.59	2.2	3.24	3.96	4.97	6.62
5.61	3.84	2.17	0.81	5.34	2.03	4.36	2.07	3.79	1.19	3.3	1.29	3.78
3.39	4.39	1.27	6.6	3.12	4.18	5.84	4.17	3.14	2.34	2.5	2.72	7.02
2.82	3.19	1.3	3.28	2.91	2.12	3.27	1.69	2.61	1.01	5.68	2.3	5.55
2.42	4.18	3.38	3.88	5.34	3.81	1.45	6.22	1.71	2.82	4.54	3.33	5.36
0.53	3.71	3.24	6.13	1.84	1.19	1.48	2.02	3.43	8.59	1.69	1.01	4.27
2.43	2.05	1.56	1.33	2.29	0.85	2.43	3.89	5.69	3.26	2.14	2.87	2.73
1.83	0.93	1.93	3.43	2.63	3.55	3.54	0.87	4	7.64	2.77	2.34	5.94
1.53	1.54	4.67	1.74	0.65	4.79	4.43	4.07	4.88	5.51	2	1.87	1.36
4.18	3.78	2.76	5.55	1.13	0.77	3.98	3.9	0.7	2.81	2.48	2.86	4.8
2.91		1.4	3.07	1.88	1.16	1.54	2.21	4.61	1.14	10.63	6.01	2.49
1.75	4.77	4.54	2.47	4.71	5.42	3.12	6.31	5.03	5.73	2.55	4.71	
7.29	1.61	10.98	2.31	2.17	6.87	4.69	2.55	3.83	5.89	1.86	3.13	4.17
3.47	5.64	5.35	1.89	1.61	0.79	6.67	4.12	3.77	2.31	2.93	3.25	5.76
0.62	2.16	2.55	0.54	2.49	1.7	4.23	6.72	4.09	2.42	3.71	2.48	3.52
2.14	1.07	2.54	1.39	4.38	2.14	3.37	3.32	3.46	2.33	2.1	3.76	2.11
2.07	0.73	3.66	3.04	4.95	1.78	1.11	7.28	3.81	6.24	5.46	3.19	1.86
2.46	2.29	6.77	1.47	1.5	4.61	0.9	2.29	0.88	0.89	2.67	7.47	2.98
8.75	3.99	6.96	2.82	3.55	3.09	1.9	1.4	6.12	5.03	0.94	5	2.26
1.67	4.85	2.58	1.6	2.75	1.53	1.37	4.41	2.47	5.24	1.84	3.81	4.12
3.88	2.1	3.55	3.94	3.36	4.26	5.25	2.19	1.22	2.82	1.03	2.64	2.9
3.98	6.32	3.48	2.76	6.11	3.29	1.41	3.68	7.6	1.68	1.39	3.56	12.28
2.06	2.83	2.97	0.53	3.21	6.71	0.28	1.13	6.72	3.77	2.79	8.4	1.1
1.04	2.22	1.34	3.06	1.83	3.79	1.47	3.45	3.39	5.19	4.08	4.32	3.18
5.76	4.83	3.3	5.17	6.2	1.49	0.45	3.54	2.51	2.78	0.72	2.61	4.69
2.88	5.87	5.29	3.31	6.03	4.08	5.77	5.37	3.36	3.48	3.6	2.69	4.46
3.77	0.62	5.63	0.71	2.35	3.4	2.77	6.45	2.8	2.69	1.7	3.88	2.83
5.21	2.72	3.2	5.48	3.17	4.32	5.12	2.33	2.92	5.81	3.03	2.49	2.74
1.66	1.99	5.49	5.17	6.82	2.18	4.77	3.61	1.95	4.34	2.97	4.99	2.07
6.14	2.32	2.44	1.14	3.79	10.33	0.81	2.08	3.01	3.77	3.66	2.41	3.23
1.3	11.21	3.71	3.03	2.57	2.71	3.26	1.09	3.27	1.93	7.92	11.71	9.37
1.34	3.35	4.49	2.66	7.61	6.74	2.88	7.57	3.74	1.61	4.16	3.96	4.64
2.35	3.93	1.54	1.91	3.89	2.55	2.67	10.66	1.87	2.98	3.58	4.76	4
2.99	4.68	5.31	0.86	2.18	4.2	4.44	1.26	1.34	2.87	1.34	0.85	5.41
5.21	3.61	2.11	2.17	3.06	2.57	1.32	3.64	7.36	3.39	2.38	1.55	7.13
2.55	4.95	0.82	3.4	3.07	2.87	2.71	6.68	3.64	4.67	7.69	3.26	1.58

3.69	3.53	3.01	1.74	3.64	3.01	3.33	2.92	2.59	2.59	3.38	2.17	3.65
0.59	2.07	5.57	1.97	2.92	8.33	6.02	3.59	2.22	0.51	1.39	5.02	1.4
1.93	4.89	2.32	1.04	1.55	5.56	1.76	5.91	5.92	1.82	1.91	5.49	7.22
0.51	3.62	2.36	1.29	2.73	5.8	2.74	8.14	0.59	1.3	5.09	0.5	4.79
2.53	2.96	2.13	4.6	0.98	0.9	8.46	6.75	1.74	4.66	3.24	3.41	2.81
1.19	1.59	2.49	0.78	1.22	2.46	2.94	4.46	2.38	2.56	4.13	2.79	2.84
6.56	1.81	3.05	3.69	2.1	1	6.55	0.89	8.05	2.19	6.17	1.32	3.16
2.67	0.41	1.36	7.11	4.45	5.58	1.86	2.27	3.6	4.16	2.59	6.97	3
1.15	2.85	6.13	5.52	7.17	1.08	5.96	5.7	3.04	5.94	8.16	6.51	1.79
2.64	3.95	2.86	2.21	0.64	1.49	2	4.04	0.79	6.38	0.69	8.87	2.52
0.58	5.9	2.45	2.78	1.61	3.68	6.2	1.98	1.44	7.94	4.61	3.33	1.15
0.93	3.58	1.89	5.63	2.31	8.27	8.36	4.71	0.44	3.54	5.21	3.55	4.87
1.79	3.7	5.21	5.95	5.15	3.1	2.19	4.08	2.98	4.58	3.49	2.29	1.21
1.45	0.63	6.6	2.47	4.13	2.18	0.47	1.62	1.08	4.29	3.39	1.15	1.48
3.85	5.92	1.75	6.25	1.15	3.79	2.36	7.93	2.33	1.9	3.81	2.93	2.27
7.03	4.79	3.99	5.58	1.73	3.64	1	4.17	4.43	2.64	1.13	0.64	4.22
6.09	1.36	4.6	3.55	1.05	6.4	1.14	4.04	4.56	3.3	1.65	7.9	4.98
6.84	0.8	5.47	2.16	1.25	3.07	2.97	3.82	1.21	2.71	2.47	3.19	2.12
4.84	3.49	2.09	1.26	3.89	7.98	0.97	5.13	5.12	1.19	4.67	3.81	0.8
4.95	1.63	3.62	4.64	7.08	8.45	4.03	2.12	2.47	9.3	1.28	2.38	3.91
3.38	2.19	2.74	4.5	4.2	1.32	7.48	3.26	0.91	2.67	1.69	7.27	1.59
5.4	2.04	2.8	1.15	4.87	2.6	1.09	4.52	2.22	2.35	2.17	3.4	6.45
2.8	1.96	2.08	5.64	0.95	4.24	2.56	2.12	5.22	3.56	3.2	2.98	4.16
6.61	1.74	1.39	6.54	3.98	1.44	2.07	4.41	5.78	2.84	3.46	3.36	2.54
2.95	2.49	4.11	1.65	1.54	2.79	4.03	1.86	3.63	5.41	3.19	1.33	4.32
1.44	3.58	4.21	0.13	1.86	2.9	2.41	2.32	5.44	1.39	3.92	0.7	1.13
1.48	4.46	6.31	3.12	2.62	4.01	2.64	1.29	4.82	3.33	3.27	0.94	7.46
2.73	4.28	4.4	6.44	4.06	2.86	3.05	2.72	10.61	1.27	3.35	4.73	6.69
1.98	0.95	2.31	0.79	2.36	1.1	2.14	4.94	2.94	2.01	1.63	8.02	3.45
1.82	4.9	6.26	0.62	2.29	3.85	2.96	4.65	6.42	5.48	3.07	2.4	3.09
2.12	4.01	3.33	1.79	5.01	0.94	2.77	2.65	2.38	3.99	1.18	2.35	3.83
1.41	2.64	1.16	4.01	2.78	4.78	6.02	2.78	3.52	2.18	4.53	2.31	2.45
4.3	2.1	3.76	3.88	4.56	1.98	4.51	0.42	1.83	4.29	3.1	1.37	1.38
3.42	2.91	0.74	2.69	4.41	2.73	0.62	5.45	6.04	4.41	3.77	2.16	2.8
4.52	2.56	0.82	2.87	1.08	6.41	5.29	3.85	1.63	1.44	2.56	1.57	0.78
4.94	0.86	4.12	3.73	0.9	5.01	2.09	4.5	2.24	1.18	3.01	2.2	0.36
2.66	1.68	1.5	3.01	3.27	1.51	3.21	4.93	1.28	2.74	1.54	1.72	1.36
3.45	1.67	1.12	2.58	3.73	4.56	3.1	2.85	2.48	4.03	2.75	2.47	1.99
7.54	4.08	1.62	4.21	7.07	2.47	6.64	1.37	2.97	0.65	4.36	5.11	2.35
7.27	4.57	0.98	2.07	6.67	2.83	4.4	3.95	4.1	3.74	1.42	0.86	1.74
1.56	0.24	1.19	6.37	3.19	1.26	3.25	0.98	1.39	4.32	3.59	6.09	0.82
3.27	6.5	3.03	8.41	2.31	2.89	2.44	5.65	7.79	3.08	0.98	3.6	2.49
1.08	4.78	3.82	2.57	5.35	1.83	2.93	4.51	7.92	4.19	7.1	1.94	6.41
4.82	1.75	2.42	1.4	5.96	0.55	1.92	2.35	3.09	1.58	4.3	3.09	4.37
1.32	2.44	3.18	1.07	1.08	3.9	1.53	1.29	5	4.84	1.89	0.49	1.41
2.71	0.99	0.43	3.95	2.39	1.05	3.96	2.24	5.31	4.99	3.22	2.66	2.47
2.11	2.5	2.44	1.66	6.3	0.91	5.12	1.89	4.33	2.89	1.99	0.51	1.66
4.17	0.82	1.43	2.06	1.24	4.01	3.82	4.1	3.48	1.25	0.82	1.86	4.52
5.87	2.51	3.18	2.17	4.77		4.67	4.28	2.96	5.41	0.62	5.73	3.4
0.95	2.61	2.8	2.15	1.66	3.74	1.1	3.96	3.34	6.09	4.14	5.17	3.14
4.22	1.47	2.63	2.27	1.33	2.27	5.63	4.64	0.2	3.5	3.02	3.65	0.73
7.49	2.09	5.85	1.1	2.09	4.09	2.31	3.9	2.7	3.9	5.89	6.55	4.57
6.13	1.35	1.48	0.92	2.64	4.83	2.2	2.39	0.93	1.01	0.77	3.72	4.56
2.6	2.29	4.8	3.98	1.94	1.71	1.21	4.64	2.05	5.52	1.66	6.8	0.76
1.25	6.05	4.06	4.28	3.04	0.41	2.96	1.69	3.19	2.29	3.41	0.96	2.36
1.94	1.2	2.45	1.55	4.94	3.42	4.46	1.42	1.52	1.56	5.17	2.74	2.3
7.09	5.17	1.59	4.3	5.7	3.16	2.46	1.08	3.93	2.96	1.01	4.7	1.58
5.49	6.38	1.26	1.83	1.41	2.74	1.97	2.73	6.65	3.97	5.01	1.41	2.93
1.72	2.94	1.89	4.78	2.06	4.05	5.08	5.04	3.99	0.82	1.57	3.63	1.39
1.12	1.23	1.83	1.23	2.33	2.74	5.39	2.52	4.29	4.82	3.82	4.78	1.54
4.24	2.02	2.54	4.36	1.42	1.72	3.15	5.35	3.86	3	4.09	2.82	2.24
5.77	4.17	4.37	4.84	0.62	4.34	1.85	2.43	0.98	2.8	3.82	7	0.18
2.89	3.61	1.33	5.09	1.78	0.64	3.07	6.2	1.33	1.33	0.54	0.84	5.32
5.01	2.51	1.91	2.78	2.04	4.7	1.87	3.93	2.1	1.44	1.57	3.54	3.65
3.68	6.46	2.76	7.1	1.43	8.49	6.44	4.58	1.41	4.46	2.62	3.84	1.59
2.73	0.59	3.68	3.41	1.09	0.5	4.91	2.65	2.8	3.85	1.54	2.47	3.13
3.82	4.2	2.46	1.33	4.67	2.25	3.1	2.98	1.33	2.76	3.85	1.46	3.75
2.02	6.73	4.36	3.83	3.58	3.75	2.2	2.65	3.8	2.57	1.26	1.57	4.17
2.4	1.44	1.73	4.72	4.05	5.27	1.23	3.48	0.49	4.02	2.93	1.85	1.18
8.87	2.25	5.12	1.42	1.19	1.66	1.67	1.76	1.84	4.28	1.05	3.02	5
0.98	2.19	3.21	1.8	4.76	2.76	3.69	3.66	9.95	1.34	5.41	3.78	7.93
0.37	4	5.65	4.85	4.21	3.67	1.88	3.98	7.14	6.5	2.22	1.55	4.39
2.71	2.69	2.93	1.53	2.15	2.02	2.55	2.09	0.54	1.71	2.92	4.45	1.95
3.54	4.05	8.03	2.25	3.33	1.54	2.05	4.85	2.17	2.72	2.9	3.81	0.42
1.9	0.49	2.87	4.05	5.33	4.22	2.92	3.63	1.98	3.21	2.91	3.72	1.58
7.61	3.12	5.36	2.32	5.49	1.52	3.19	3.75	5.48	3.9	4.02	4	4.02
0.99	5.21	3.53	7.22	5.53	4.95	1.39	2.59	1.92	5.21	2.67	2.53	4.93
3.93	4.68	6.58	3.8	3.02	2.43	2.7	0.88	3.9	3.03	1.91	6.67	1.76
1.2	1.42	2.88	2.12	5.18	5.06	0.64	5.36	3.04	1.21	1.43	2.04	3.32
1.79	1.98	3.71	2.07	2.03	1.5	3.9	2.53	1.68	3.63	5.91	4.57	1.79
4.37	4.55	3.68	4.64	4.37	1.08	2.68	6.2	6.43	4.53	3.63	0.99	4.07
1.96	1.02	2.64	8.31	0.6	2.05	5.01	3.21	2.54	1.57	2.58	1.14	3.98
1.05	1.8	3.7	2.35	3.31	1.15	6.99	2.17	5.72	0.53	0.53	4.95	3.69
1.16	3.3	3.37	3.41	7.3	3.45	4.26	0.69	1.61	0.91	5.17	2.89	5.71
6.31	2.39	1.64	2.91	2.56	3.44	2.4	5.5	1.08	0.64	5.03	1.34	4.75
2.89	0.99	3.77	2.91	2.53	5.06	3.3	2.36	3.92	2.79	6.2	4.93	2.45
4.07	2.01	4.43	1.36	0.38	0.83	1.93	1.73	2.27	4.78	2.42	2.11	4.92
1.18	10.78	0.71	1.53	2.12	2.82	2.33	1.82	4.46	2.05	6.39	1.61	3.67
7.42	5.45	1.95	2.21	3.33	3.42	1.78	1.56	2.71	2.33	2.15	1.53	5.31
3.29	6.48	4.21	3.18	1.12	3.55	2.34	2.32	2.73	3.86	5.48	1.53	5.77
3.68	7.49	10.8	2.06	2.07	4.31	3.03	1.53	0.67	4.38	1.25	0.55	2.7
2.5	7.22	1.54	3.9	2.7	4.43	1.55	6.12	3.06	2.86	4.5	9.61	3.01
3.07	3.11	1.01	4.39	4.11	3.45	7.88	4.28	3.14	4.26	2.76	1.23	0.98
1.66	5.63	5.07	2.1	1.36	2.68	0.7	1.22	0.65	3.18	4.07	4.31	2.79
3.43	4.44	3.92	2.05	3.71	3.18	5.23	3.44	2.99	3.44	3.5	3.2	2.47
7.2	2.67	5.99	2.96	4.88	1.65	2.6	1.68	5.56	3.79	4.71	3.63	4.73
0.97	5.34	4.63	4.22	0.81	3.94	2.14	2.13	2.01	2.4	1.95	2.42	4.43
2.29	3.34	3.97	3.59	7.12	2.11	1.23	1.72	4.96	4.12	2.61	3.56	4.72
5.03	2.53	4.27	1.23	1.91	1.97	3.27	0.94	3.02	0.34	4.12	5.18	9.54
1.49	1	0.29	2.03	6.63	2.76	3.97	0.94	2.26	1.42	3.47	5.55	3.72

3.78	3.86	1.31	2.41	0.3	2.24	2.69	7.76	7.1	5.21	3.85	2.91	2.54
9.86	1.19	9.76	4.12	2.74	3.08	4.12	2.31	1.4	5.75	1.71	1.4	2.27
4.86	3.29	3.16	3.37	1.59	3.27	3.39	2.44	1.02	2.91	1.88	0.58	1.07
6.28	10.99	1.22	3.2	1.89	2.79	1.93	1.52	12.1	6.05	2.83	1.41	4.04
2.92	5.97	6.3	2.34	5.08	1.54		0.98	1.19	3.61	1.3	2.05	3.48
7.28	1.96	5.4	1.73	2.9	2.86	1.31	3.62	2.74	1.32	4.65	3.44	6.47
5.81	4.46	1.03	1.46	1.17	3.51	2.33	2.71	2.34	1.42	1.86	3.06	3.92
3.23	9.84	1.99	4.38	6.97	4.5	5.45	6.57	2.99	1.73	4.95	4.1	0.91
8.41	3.21	0.97	1.75	3.26	0.74	3.15	2.48	2.38	2.17	8.95	1.92	4.31
4.4	4.59	4.73	5.12	2.71	1.94	2.76	5.73	5.95	1.76	2.43	1.96	1.55
11.3	5.02	3.32	3.17	1.81	3.36	5.36	5.06	0.78	9.02	4.6	4.72	1.26
8.82	6.02	3.6	3.86	1.67	1.99	2.43	1.66	3.71	2.78	0.73	3.34	2.36
12.06	2.47	1.87	4.71	3.42	6	5.97	1.08	3.96	1.82	6.92	3.04	5.96
5.53	1.07	3.19	3.17	1.46	0.99	8.2	4.83	4.67	1.11	3.56	7.21	4.06
2.52	4.67	7.87	4.95	2.66	5.04	4.14	2.32	2.95	3.72	9.29	0.79	4.04
5.32	2.18	1.65	6.49	4.8	5.55	4.95	1.03	4.31	2.44	8.41	3.77	7.05
0.92	1.45	0.56	1.51	4.59	4.79	4.56	1.74	3.81	3.26	3.72	1.64	5.61
1.97	5.62	1.38	3.15	1.06	6.49	2.89	2.43	9.04	4.98	1.53	1.12	8.47
3.92	1.27	3.03	3.49	4.73	4.81	3.18	3.69	0.67	3.4	4.74	2.37	11.46
4.37	0.38	3.82	5.86	3.2	9.74	4.58	3.72	7.46	4.13	1.79	5.21	5.18
6.19	1.01	1.15	4.35	1.09	5.21	2.56	1.15	2.23	1.05	3.07	0.91	2.37
3.66	2.75	6.86	5.52	3.35	6.26	3.45	5.96	1.95	4.96	1.92	5.6	5.67
1.5	2.16	1.29	1.47	1.99	5.43	6.84	3.38	2.21	0.64	1.96	10.71	3.43
3.49	1.96	0.49	2.97	6.55	2.64	6.04	5	3.76	3.16	2.68	5.85	3.81
3.25	2.91	6.52	4.29	2.67	4.28	2.23	3.53	1.83	2.7	4.03	4.94	4.2
2.46	7.02	7.74	1.45	2.77	4	4.96	3.57	2.53	0.68	5.77	1.76	2.91
1.34	4.42	10.03	2.92	5.36	1.91	2.39	3.66	6.39	7.59	15.25	2.1	0.91
2.06	5.74	7.37	2.82	3.32	2.38	4.45	4.42	1.18	6.27	0.69	5.04	1.92
1.65	1.49	2.04	0.51	0.8	5.49	4.69	2.36	4.41	2.41	5.14	1.48	2.57
2.38	6.02	5.34	2.44	2.35	2.4	6.15	2.51	4.44	1.46	5.79	5.43	3.01
2.97	1.86	3.28	1.36	6.89	3.33	4.52	3.39	6.77	8.67	3.83	3.09	2.94
2.28	1.79	11.09	3.06	3.49	3.14	0.68	2.16	5.6	2.08	3.89	2.2	1.71
3.37	2.22	6.5	1.01	1.45	2.67	5.7	2.99	1.97	2.83	2.58	2.06	2.02
10.26	4.21	3.22	3.56	5.95	4.62	2.79	3.94	4.45	7.37	2.05	4.89	2.25
7.3	1.18	5.1	4.71	11.42	1.02	1.35	3.3	5.52	1.81	5.81	4.22	2.21
3.7	2.48	2.28	4.03	5.86	2.16	2.47	1.77	3.61	3.17	3.93	3.44	1.17
4.33	2.69	2.61	4.65	7.56	11.34	4.27	2.14	8.29	1.8	7.53	1.77	4.6
2.79	2.68	3.34	3.2	0.25	2.37	4	1.4	1.98	1.12	0.44	7.66	2.58
4.32	2.13	1.57	3.83	3.71	3.03	1.05	1.36	2.08	11.01	3.39	1.93	1.72
3.57	1.86	2.94	5.13	4.69	6.31	4.05	1.82	4.87	1.54	3.19	1.44	3.27
0.91	5.11	4.89	1.71	1.38	4.33	5.55	2.83	4.68	3.19	4.24	4.53	4.24
2.19	3.06	2.57	1.04	4.04	4.57	2.54	4.18	2.16	1.64	1.3	2.52	1.39
4.2	3.02	2.02	4.81	5.05	0.83	0.46	1.47	5.87	3.13	4.35	2.13	6.29
6.51	2.03	2.32	9.08	2.61	3.28	1.61	1.83	4.46	1.45	1.58	6.15	2.56
3.2	0.86	4.29	2.87	1.28	5.09	3.23	4.57	1.45	1.54	1.73	3.22	3.36
1.78	4.88	0.59	1.32	2.32	1.61	2.07	3.49	0.81	1.95	4.75	5.08	6.05
5.68	4.04	3.02	2.33	5.14	0.98	4.8	6.61	4.44	3.36	3.75	4.91	5.42
8.24	4.72	2.16	1.35	2.01	3.73	3.97	7.86	3.48	3.49	2.15	5.77	3.32
2.3	4.15	3.24	4.07	2.48	4.67	2.46	3.8	3.98	3.55	2.54	3.03	1.55
1.89	7.15	3.36	2.21	2.81	1.68	1.63	3.01	5.98	5.62	3.88	7.8	1.06
1.86	5.54	3.63	4.82	6.32	3	4.26	2.42	4.76	2.73	0.69	3.88	3.79
0.54	4.26	4.5	1.17	0.68	2.23	2.51	3.02	2.23	1.04	5.61	2.76	5.42
2.44	3.88	2.73		1.36	4.43	3.53	2.49	0.44	5.82	5.73	4.3	3.77
0.57	8.45	1.29	3.32	2.51	3.97	5.62	3.37	3.66	3.12	5.56	1.06	3.35
0.72	2.64	1.96	1.84	1.18	1.73	2.69	4.42	3.28	5.28	8.03	3.11	1.56
1.62	6.2	4.74	2.68	6.12	1.39	1.68	4.73	3.79	2.03	1.15	4.26	3.67
2.57	2.39	3.58	2.92	1.58	5.09	2.29	4.91	0.87	4.68	5.5	5.83	3.58
1.43	4.33	2.32	1.86	5.17	2.27	2.02	0.24	2.37	4.07	2.73	1.46	1.26
3.67	3.23	3.22	1.83	6.68	8.44	4.53	2.85	0.4	1.96	4.82	1.3	2.57
7.14	2.6	3.11	0.14	2.21	1.95	0.82	0.97	3.85	2.99	1.08	1.16	0.86
3.27	4.2	1.29	2.89	1.71	4.2	5.95	7.05	1.91	9.7	7.75	1.26	2.58
1.65	1.77	1.73	0.66	1.16	6.88	4.08	2.17	4.63	1.8	9.97	7.73	3.58
4.63	2.52	2.84	0.07	4.05	6.13	3.43	3.08	3.21	5.48	4.1	0.6	3.52
6.73	1.69	1.18	0.64	5.26	0.65	1.96	2.88	5.33	3.81	3.89	1.29	1.84
1.91	1.25	3.64	4.47	3.48	6.98	3.89	2.14	2.46	2.42	2.84	1	1.37
2.49	1.99	3.4	0.28	4.65	1.87	2.16	2	1.01	4.22	1.97	0.38	1.66
3.21	3.01	1.96	1.2	2.89	2.38	2.45	0.56	0.74	6.84	4.32	1.02	2.05
3.85	2.82	1.92	4.32	5.98	1.26	1.46	0.53	2.17	2.31	0.92	3.61	1.32
1.85	2.71	4.32	6.76	5.52	3.01	3.16	1.14	2.16	8.37	2.22	0.93	3.15
0.81	2.05	2.36	1.48	1.91	1.27	1.67	1.48	5.62	1.22	4.48	1.08	4.99
5.67	6.38	2.1	0.44	1.7	2.55	5.05	1.46	3.69	0.34	3.33	1.56	1.95
6.5	1.09	2.19	0.66	1.88	7.25	3.42	0.06	4.31	4.4	0.89	0.66	4.33
2.1	2.53	2.04	1.77	1.57	2.64	4.06	5.21	3.12	0.65	3.58	2.11	1.47
1.04	2.4	2.19	1.75	2.16	2.84	3.19	2.47	6	2.21	1.29	2.9	2.98
0.94	2.88	1.27	1.9	4.54	2.51	6.59	2.75	0.58	6.34	2.58	1.63	2.03
4.56	0.69	1.2	1.85	1.21	2.55	4.04	1.21	8.9	0.85	1.53	1.75	2.17
2.35	1.29	3.45	4.63	1.31	0.95	9.5	1.29	2.35	6.07	1.68	0.97	3.53
0.61	1.3	2.32	5.9	2.49	4.17	4.3	1.39	1.38	1.76	0.32	1.42	1.75
1.75	2.41	1.17	2.55	2.19	2.21	1.02	1.8	1.41	2.17	0.99	1.67	0.58
0.89	2.09	3.08	1.1	1.39	1.35	3.66	3.92	3.69	4.42	2.21	0.82	2.62
7.25	4.31	1.42	0.51	1.93	1.46	4.49	1.5	6.34	0.96	0.88	1.5	1.42
3.49	1.92	3.67	0.21	1.25	1.7	0.9	1.41	4.15	2.79	4.31	3.09	3.69
2.04	2.79	1.76	4.45	1.03	2.26	0.65	2.18	3.61	4.93	6.87	3.49	1.78
1.13	4.04	1.14	1.21	1.45	2.01	0.54	2.23	0.53	0.65	3.85	0.74	0.61
0.31	0.58	0.88	1.3	2.15	5.01	1.26	1.08	2.84	6.55	4.12	3.81	4.01
0.61	2.24	3.46	2.89	2.05	3.26	2.4	4.49	1.46	2.56	1.24	4.85	1.07
4.4	1.45	4.49	5.67	1.08	1.09	0.78	2.68	2.41	0.79	1.15	0.86	1.56
2.41	0.87	2.75	2.97	1.28	1.13	0.55	1.61	0.56	1.81	3.26	1.98	1.29
1.02	2.14	2.85	1.14	2.19	2.68	0.86	1.54	2.65	2.55	0.95	2.05	1.24
2.44	1.12	0.63	2.67	1.51	2.12	1.09	1.96	4.26	3.91	2.2	3.01	1.43
6.26	1.69	2.2	2.73	1.09	1.72	1.83	1.25	1.09	3.68	3.78	3.32	0.7
0.27	2.65	0.94	1.51	1.73	4.71	2.79	5.82	5.22	0.38	3.18	1.01	0.38
1.71	1.96	2.27	1.73	0.78	4.13	2.94	1.49	0.84	0.58	2.03	2.08	2.2
3.58	1.73	2.35	6.57	3.53	3.16	4.79	1.81	3.35	4.65	1.59	1.7	0.25
4.07	0.52	3.16	2.02	0.53	4.29	0.63	2.52	0.41	2.87	2.21	1.74	0.71
0.88	2.87	2.48	3.26	2.93	3.54	0.88	0.84	2.55	2.17	1.45	4.59	1.83
0.4	3.22	3.11	2.21	1.58	1.88	2.19	4.97	1.11	3.12	1.59	2.67	1.87
1.16	1.91	1.93	1.47	3.45	0.29	1.17	2.93	4.07	2.08	3.06	3.36	0.71
0.56	1.96	4.19	3.75	0.51	0.88		1.8	4.56	2.75	2.84	0.49	0.29
1.82	2.41	3.22	0.25	1.33	0.79	2.46	3.19	0.99	2.24	0.81	0.64	0.65

1.49	1.82	0.51	3.09	1.38	1.28	0.93	3.08	2.14	0.52	3.35	1.79	0.6
0.94	0.94	0.56	1.45	2.78	6.06	1.99	2.48	1.64	3.79	2.97	1.01	3.75
1.24	2.66	1.71	1.92	0.69	2.19	5.67	4.28	1.03	2.41	0.08	4.23	1.72
0.73	1.9	3.46	2.63	1.46	3.69	1.37	0.39	3.05	2.49	2.59	5.33	3.44
1.51	3.11	3.2	1.54	4.07	3.52	4.95	0.49	3.49	2.78	3.11	2.92	1.8
3.32	0.45	2.48	2.26	0.98	1.95	2.03	5.25	0.9	3.4	2.63	1.96	1.54
1.31	2.01	2.51	2.96	1.75	1.1	0.87	1.13	1.4	0.51	1.86	1.96	1.47
1.57	2.46	2.33	1.34	4.45	3.24	2.07	2.42	0.43	1.97	1.38	1.77	4.69
1.22	3.65	0.36	2.17	0.92	5.17	4.65	1.56	1.29	0.83	0.97	2.88	1.05
0.89	4.17	2.41	2.74	1.03	1.78	4.81	3.46	1.35	2.52	2.82	1.99	2.04
0.56	0.59	0.47	0.06	0.67	1.27	1.75	3.58	3.59	0.36	6.61	3.98	3.5
2.87	1.62	0.95	3.9	1.38	3.68	1.48	3.36	4.26	0.59	1.34	2.1	0.94
3.23	0.76	2.62	2.07	0.96	3.36	0.69	0.43	1.4	0.58	1.92	2.76	2.42
1.23	2.19	0.62	1.8	3	1.75	0.75	2.41	2.22	1.44	0.94	4.13	1.05
4.94	4.45	1.22	1.58	3.77	0.34	0.71	0.4	0.67	0.91	2.63	0.8	4.44
1.1	0.34	3.78	0.81	1.32	1.67	2.26	3.39	1.51	3.48	1.75	2.73	2.41
3.52	7.19	0.99	2.82	3.47	0.55	2.31	0.95	2.13	3.18	0.07	2.47	4.42
0.93	3.3	2.5	1.72	2.2	1.49	3.44	2.39	3.17	2.71	0.82	1.47	2.25
1.37	0.91	7.87	2.14	1.23	1.38	3.24	5.05	2.7	5.53	2.87	4.62	1.08
2.16	2	2.49	3.8	2.21	7.06	1.19	2.38	2.87	1.14	6.61	0.94	3.87
2.94	1.88	3.24	0.17	1.52	4.73	4.94	1.59	4.21	3.6	2.76	4.45	2.13
5.14	0.62	3.13	1.56	2.66	1.8	6.1	10.69	3.58	0.88	2.88	2.52	2.18
2.24	1.4	3.96	1.11	5.44	1.42	3.1	1.76	2.45	4	1.57	1.84	3.45
1.59	1.14	1.1	1.22	0.69	8.24	3.79	2.24	3.59	2.03	4.08	2.21	3
0.75	4.07	0.86	4.84	1.11	2.25	4.58	3.41	0.53	0.37	5.64	0.26	0.36
2.55	1.31	1.45	1	0.49	2.95	2.01	3.71	0.59	0.9	4.21	0.15	1.89
1.86	0.77	4.43	1.66	2.88	1.17	3.04	4	1.27	1.81	2.69	1.19	0.81
1.16	4.27	0.63	1.62	5.71	0.37	4.55	3.59	1.32	2.88	2.44	1.59	1.82
1.43	0.18	2.77	2.04	1.77	3.44	6.9	0.63	2.53	4.88	2.83	3.48	2.55
2.42	1.18	3.21	0.85	0.99	3.79	0.83	2.16	3.75	5.93	2.62	0.39	7.61
5.13	3.72	1.95	5.37	1.28	3.73	1.97	2.63	3.22	2.48	0.67	1.4	0.84
	1.34	2.17	4.3	0.8	2.85	1.22	0.23	2	2.78	2.41	1.1	0.95
1.67	4.66	4.45	6.91	3.3	1.79	2.72	0.48	4.47	3.99	1.46	1.16	1.97
2.74	1.83	1.48	0.51	0.67	1.44	2.12	2.9	2.46	2.3	2.64	5.1	0.46
3.47	2.23	4.49	1.24	0.38	3.73	0.46	0.66	2.17	2.14	3.38	4.2	1.79
2.02	3.46	0.78	2.3	1.53	3.58	1.32	1.06	1.48	1.59	6.19	3.11	5.91
4.44	1	2.47	4.47	1.89	0.23	1.73	1.55	1.77	2.28	2.29	1.34	1.17
1.19	0.75	1.25	1.78	4.24	2.79	1.08	2.06	6.2	0.31	3.71	2.23	2.52
3.11	3.97	1.54	0.82	0.58	0.62	1.56	2.09	2.83	1.4	1.04	1.04	1.27
0.86	1.77	2.25	1.33	2.31	4.06	0.52	3.92	2.26	0.91	1.4	1.8	6.88
4.46	1.18	1.31	1.84	2.12	3.79	2.35	1.1	4.76	2.81	2.45	4.52	2.16
2.92	0.39	1.86	1.11	3.71	0.08	0.72	2.87	1.22	5.19	4.73	2.13	2.95
7.46	5.48	2.93	0.92	1.12	2.58	3.26	0.37	0.93	1.55	3.41		4.55
4.54	4.49	0.2	1.79	2.06	0.26	1.41	2.86	6.32	2.69	0.48	4.71	3.6
2.47	2.12	0.81	2.19	0.83	2.47	2.31	2.5	3.46	0.9	0.56	1.65	2.39
4.14	3.74	2.81	1.69	0.77	3.37	1.96	0.94	1.2	8.04	5.82	6.79	0.48
1.67	1.84	0.98	4.28	4.51	1.74	4.17	1.8	3.29	3.94	1.58	1.29	1.56
3.65	0.84	5.33	2.22	2.03	1.9	1.51	1.12	0.83	0.43	1.87	5.34	2.93
6.16	1.1	1.91	3.37	5.65	0.39	2.15	1.14	2.99	4.33	1.54	2.84	0.7
0.92	3.64	1.21	2.68	0.88	0.53	2.64	1.3	1.06	1.57	2.07	1.71	6.98
3.87	4.12	1	1.97	2.41	0.3	1.18	5.67	4.06	3.76	1.49	1.38	5.19
1.55	0.8	3.63	3.29	0.68	1.37	1.17	0.18	1.5	0.52	1.82	1.87	2.59
3.05	1.15	2.29	1.2	2.27	0.2	0.95	1.26	0.67	0.5	0.4	0.4	2.5
1.41	1.16	3.72	3.24	3.22	1.34	2.95	2.14	0.52	0.87	6.06	3.02	1.65
2.07	2.75	2.46	4.15	1.2	2.01	3.79	0.69	3.3	4.47	5.36	2.48	1.33
1.12	2.68	0.61	2.6	1.12	1.07	3.75	1.36	3.39	4.16	0.32	0.76	4.08
1.9	3.24	3.06	4.36	3.02	1.54	1.43	0.27	1.89	1.86	3.83	4.45	1.46
3.5	6.32	4.26	1.05	2.55	3.15	2.57	3.5	1.24	1.03	3.74	2.31	1.41
1.59	1.34	2.11	5.15	0.83	2.7	0.33	3.03	2.47	1.56	1.69	5.98	0.8
0.51	1.53	0.44	6.42	5.07	1.96	3.46	0.18	1.96	1.95	1.79	4.73	4.73
2.31	0.77	1.17	3.65	2.59	3.29	1.23	4.1	1.67	0.93	2.53	2.14	1.53
2.12	1.97	2.44	3.19	11.09	1.19	2.32	1.04	0.41	1.48	2.35	1.13	1.45
5.78	0.62	1.24	1.69	0.9	2.16	2.7	2.72	0.43	5.53	3.21	3.44	2.05
0.35	1.68	0.3	2.82	2.35	1.59	2.07	1.88	3.19	3.74	1.13	2.54	6.34
3.29	1.45	0.7	1.36	0.62	2.5	1.64	0.67	4.99	1.74	0.93	2.46	2.14
3.36	1.63	0.31	2.05	0.6	1.77	0.97	1.86	4.69	1.11	5.65	1.66	2.03
1.73	2.63	3.34	0.86	0.89	1.47	1.29	1.64	4.87	2.7	1.72	3.55	3.43
2.91	1.11	2.05	0.26	1.27	3.65	0.6	1.11	6.17	2.44	0.6	5.45	3.12
1.5	0.43	1.12	0.98	0.72	6.2	1.66	0.66	0.34	3.84	0.63	3.67	0.83
4.79	0.54	2.79	4.11	0.75	2.39	1.3	1.09	3.33	1.63	0.93	1.92	1.97
3.35	0.42	2.66	1.94	1.19	2.15	2.14	1.99	1.73	4.44	2.54	2.61	4.24
5.48	3.98	1.01	0.48	4.48	2.46	4.42	0.65	1.76	1.79	0.31	0.48	3.29
3.88	0.66	2.98	2.23	2.35	1.04	1.72	1.92	0.59	0.71	0.86	1.17	3.53
3.91	3.37	2.44	0.83	0.27	2.32	1.06	0.71	0.98	4.83	2.3	1.58	2.09
3.19	1.78	0.49	0.52	1.07	4.79	4.76	2.03	2.57	3.39	0.98	2.11	6.25
2.28	2.74	1.57	1.42	0.3	1.44	2.71	0.89	1.61	0.81	2.31	1.95	2.73
5.5	2.3	3.35	5.73	1	1.08	1.92	1.17	3.35	0.41	0.78	2.86	3.92
1.96	6.5	2.67	1.61	1.95	3.09	3	0.44	1.95	0.72	0.8	1.49	3.37
2.53	3.4	2.22	1.23	0.4	0.56	2.27	1.87	3.08	1.2	2.15	0.89	0.21
2.63	2.3	1.2	0.87	0.55	1.47	2.46	2.51	0.74	1.18	3.59	1.52	1.11
1.68	5.74	3	0.55	3.01	0.36	0.79	2.57	1.01	3.04	1.3	2.08	5.26
2.93	3.1	3.92	1.6	4	0.95	2.41	1.4	2.43	1.59	1.08	3.42	2.86
1.29	3.64	3.8	0.95	1.72	1.15	1.09	1.86	0.62	3.58	1.32	0.85	1.91
2.81	4.25	1.3	1.15	2.61	3.19	0.49	2.73	0.45	0.92	1.64	3.86	3.04
1.7	4.1	1.63	4.75	5.01	4.19	1	1.78	2.24	1.11	3.57	1.36	1.85
3.68	3.8	2.17	0.56	2.68	4.01	0.8	0.2	0.33	0.32	0.93	3.31	1.13
1.14	2.01	4.48	0.46	1.08	0.59	2.54	3.92	4.6	6.97	3.35	6.21	0.6
1.98	2.48	2.63	0.9	3.65	4.02	4.91	1.35	0.4	1.54	0.86	3.45	2.3
1.82	6	3.19	3.3	1.67	1.2	3.31	0.72	2.55	4.81	4.28	2.99	2.65
6.55	4.14	1.28	1.35	0.44	1.31	1.13	1.83	5.18	1.02	4.51	2.11	2.16
1.4	0.42	5.16	6.01	2.5	4.88	4.87	2.74	2.3	0.42	0.99	2.21	0.82
2.69	3.47	5.07	0.97	3.49	6.4	1.39	0.75	1.62	0.73	2.54	1.69	2.21
4.54	1.2	2.67	3.32	3.42	0.56	0.76	0.57	3.45	4.57	2.56	1.72	0.5
2.64	1.13	4.32	4.2	2.17	3.31	5.61	0.42	0.49	1.28	1.09	6.45	2.95
0.65	2.04	7.78	2.62	9.25	4.15	2.46	1.47	1.18	0.77	3.94	1.12	3.48
2.25	0.34	1.83	5.2	2.75	2.38	1.58	2.6	1.25	1.78	1.77	3.16	1.77
2.42	3.76	1.82	2.07	3.18	3.87	1.87	0.7	3.78	1.87	1.77	6.12	0.81
0.49	3.43	2.28	1.68	1.49	1.39	1.36	1.82	2.94	0.55	2.12	4.04	3.31
2.95	1.95	0.64	5.57	5.56	4.81	0.68	4.77	3.63	4.14	0.78	2.51	2.9
4.46	0.82	0.55	3.42	3.37	0.94	4.98	0.37	1.56	0.67	1.16	3.47	0.09

4.41	0.2	1.96	1.44	3.55	1.07	1.69	1.62	5.44	4.28	2.95	3.15	1.74
1.52	2.5	2.22	3.11	1.69	2.82	1.66	3.21	0.71	2.45	1.43	2.23	2.46
2.74	5.37	1.51	2.33	0.56	2.04	1.23	3.7	1.12	0.53	4.98	0.73	2.7
2.08	1.16	1.13	3.95	2.63	4.85	1.74	1.43	2.2	3.32	0.34	2	1.14
0.28	3.59	4.76	5.03	1.61	1.05	2.5	4.95	5.74	1.32	0.99	3.58	1.56
0.64	1.2	2.32	2.23	1.95	1.63	0.94	2.07	2.02	5.45	2.61	1.78	4.64
3.34	0.41	1.98	0.84	0.9	2.09	3.11	3.37	1.07	3.7	3.25	2.02	1.44
1.35	5.01	2.02	1.55	3.63	0.23	9.02	0.82	0.27	3.62	0.69	0.18	1.54
2.05	0.63	1.11	1.87	0.52	1	1.8	2.7	3.82	2.38	0.57	2.77	3.61
2.58	6.7	1.35	0.8	2.96	1.28	3.61	3.71	1.93	4.71	2.26	2.4	1.18
0.54	1.48	4.92	5.63	1.55	3.39	4.02	0.91	5.08	2.35	0.6	2.01	1.94
2.39	0.23	0.25	1.59	0.15	4.19	6.06	3.73	1.15	1.23	1.61	2.59	1.43
5.88	2.16	1.88	2.35	1.16	2.92	1.26	4.07	0.25	4.09	0.55	1.1	1.57
0.14	1.71	0.4	4.09	6.33	1.09	4.65	3.74	3.56	3.7	0.61	2.69	1.5
1.52	0.53	1.95	4.76	2.76	0.65	0.91	1.23	2.17	3.02	1.1	4.27	1.99
1.29	4.08	6.48	1.52	2.08	0.87	2.1	3.46	5.02	0.42	0.61	1.91	1.37
0.25	0.96	0.79	0.63	4.92	4.06	0.72	5.07	4.31	3.66	1.82	0.56	0.3
2.82	2.85	0.53	2.75	0.54	4.59	0.47	3.66	1.82	5.16	1.3	6.68	0.71
0.99		1.86	0.3	3.24	5.77	2.37	2.9	2.93	3.6	1.12	1.54	3.42
2.18	0.68	0.53	3.02	8.54	1.21	2.73	0.33	1.45	2.29	3.93	0.96	1.31
7.36	1.34	0.49	1.22	5.91	3.35	4.81	0.92	1.34	1.69	0.24	2.65	2.79
0.4	0.46	2.04	1.31	2.84	0.9	2.03	3.12	2.41	8.38	4.27	4.31	4.33
0.2	2.65	0.2	2	2.84	2.04	3.13	5.71	2.85	0.66	2.27	1.71	0.37
0.87	2.84	4.17	1.89	4.94	4.7	0.83	2.62	1.19	0.69	2.05	1.12	3.49
3.84	2.96	2.4	1.98	2.33	0.95	1.62	1.78	3.71	1.56	3.85	1.7	0.95
2.79	1.61	0.42	1.24	1.97	0.28	1.91	2.26	2.66	2.55	1.68	1.57	5.82
0.94	3.12	1.44	2.36	2.43	2.67	2.52	1.3	6.78	2.4	0.69	1.27	1.71
0.47	1.79	2.89	2.35	1.57	2.35	1.5	1.61	2.54	2.26	2.3	2.79	2.6
0.92	2.33	1.51	0.33	4.69	2.74	2.05	0.29	2.26	1.8	1.51	9.4	2.07
0.17	3.64	0.89	1.03	4.14	1.22	3.52	2.84	0.85	4.92	1.9	3.3	0.57
0.84	0.31	1.94	0.96	0.21	2.52	2.36	1.93	2.34	1.73	3.89	5.12	2.08
1.06	1.68	2.31	4	0.76	1.62	2.51	6.94	3.53	3.3	1.58	2.06	1.21
0.96	2.08	6.07	1.78	0.47	3.42	0.29	3.47	2.38	2.49	0.27	8.1	5.06
5.65	1.94	3.84	0.53	1.02	1.67	3.22	1.6	4.41	0.28	0.18	0.35	4.42
2.47	2.16	1.8	0.48	2.12	0.25	1.98	1.89	2.48	0.28	2.18	3.22	0.36
0.78	0.89	2.59	5.61	0.8	10.05	3.99	1.43	5.15	2.83	1.71	0.29	0.56
4.31	1.48	3.54	2.86	2.6	0.8	0.93	2.29	3.08	2.27	0.91	3.1	2.71
0.45	4.28		2.91	3.12	3.93	0.79	2.61	2.02	1.94	2.16	2.68	0.48
0.72	2.64	4.27	1.65	1.14	0.45	5.76	0.89		0.48	1.11	1.65	2.63
2.65	3.28	3.62	1.56	1.96	1.72	2.02	3.94	2.03	3.06	0.51	1.37	1.53
2.97	2.02	4.66	0.46	3.14	0.71	1.24	1.24	2.2	1.22	2.49	0.84	2.37
0.76	1.71	0.72	1.07	3.27	1.55	0.6	0.74	1.43	3.5	4.19	1.15	3.98
3.14	2.15	4.84	2.29	1.31	1.85	0.52	4.03	3.23	1.77	1.33	0.56	2.65
1.11	3.77	0.76	8.87	5.89	1.2	2.1	0.7	0.72	3.27	0.83	2.15	3.51
0.97	4.01	1.07	1.26	0.84	0.62	2.07	2.66	0.48	1.02	1.43	1.76	0.47
3.96	1.44	1.26	1.29	3.51	3.13	1.38	2.04	2.35	2.97	2.73	3.47	1.68
1.29	3.89	1.58	3.29	1.8	1.73	4.38	3.79	1.42	5.19	3.73	1.93	0.83
0.71	4.65	1.35	2.5	1.22	5.45	0.69	3.16	4	0.46	7.96	2.86	0.23
1.89	3.16	2.47	1.14	0.71	2.21	0.9	2.84	2.55	3.19	3.99	3.63	3.42
3.02	0.37	2.85	2.43	1.13	1.94	2.32	0.72	0.2	1.84	2.02	4.84	4.76
1.97	0.56	1.47	1.27	2.81	2.72	0.64	3.73	1.92	2.04	5.81	1.45	1.85
2.2	1.33	0.73	5.59	0.91	2.6	3.5	2.03	1.16	0.19	1.74	3.12	1.99
2.4	1.08	1.67	2.8	1.11	7.74	2.18	5.18	1.81	3.52	0.94	3.64	1.02
0.73	2.83	1.89	2.96	1.33	2.41	1.59	1.16	3.8	0.66	4.34	1.31	4.26
1.01	1.76	1.81	3.25	0.41	1.03	2	1.08	0.43	0.91	0.73	0.67	0.67
1.26	4.26	0.77	0.95	1.72	0.81	0.68	1.12	0.24	5.82	3.62	0.59	0.81
1.16	6.29	0.81	1.41	1.77	3.53	0.77	1.71	5.21	0.49	0.35	0.54	5.51
4.04	5.1	0.23	0.43	0.57	3.16	3.06	2.48	1.95	4.29	2.25	2.58	2.16
4.37	0.74	0.73	1.3	1.05	1.89	1.53	0.56	1.47	2.05	1.61	6.67	4.67
2.76	2.91	2.37	3.58	1.39	2.43	1.92	2.98	0.86	4.87	2.44	1.4	3.16
1.8	1.43	7.89	3.43	5.27	3.22	2.29	0.93	2.06	4.53	2.3	0.3	5.16
3.38	1.19	1.08	4.24	1.54	3.61	3.9	1.15	3.03	8.4	3.27	3.06	0.26
3.6	1.93	1.72	1.97	2.09	0.83	2.18	0.82	2.09	0.07	0.12	3.56	0.28
3.09	0.79	1.02	5.26	6.39	2.87	3.73	0.97	2.17	2.17	0.91	0.32	2.43
3.55	1.52	0.24	2.43	1.41	5.12	0.35	1.72	1.7	2.14	1.94	0.37	0.61
3.08	1.79	0.48	4.89	0.55	0.22	1.06	1.66	1.7	8.12	1.35	2.75	2.67
6.73	0.66	0.83	0.66	2.37	3.53	1.76	0.86	1.22	2.94	3.84	0.59	2.01
2.61	1.63	3.42	4.01	2.13	0.85	3.48	0.54	3.21	0.26	0.97	4.36	1.81
6.71	0.53	1.71	4.49	1.37	1.64	0.77	0.99	0.49	5.2	5.7	3.43	2.43
2.43	1.07	4.68	1.52	0.97	2.78	0.94	0.88	0.84	2.37	3.1	1.6	1.34
0.36	2.93	0.55	1.58	1.98	1.26	0.39	3.26	0.19	3.04	2.34	2.41	1.67
4.36	0.79	0.52	2.37	0.63	0.93	1.08	2.85	3.93	1.51	2.32	1.54	2.93
0.99	1.43	6.77	4.17	0.72	1.44	1.61	2.17	0.95	0.56	1.7	0.73	1.88
0.86	2.04	3.33	0.78	0.96	1.96	4.75	4.71	1.91	0.89	0.72	2.81	1.46
3.2	1.68	5.54	2.06	2.62	2.02	4.67	1.78	6.76	0.61	1.96	0.74	3.19
2.54	1.58	3.97	5.31	0.43	2.13	0.45	3.4	1.53	1.43	0.44	1.94	4.32
0.29	1.82	0.57	0.91	3.76	0.63	4.68	1.85	1.52	1.7	2.96	1.1	4.48
0.34	0.64	2.55	2.98	0.84	0.61	1.88	0.88	2.39	3.97	0.85	0.94	6.19
6.29	3.97	3.24	1.04	0.93	3.65	5.17	0.61	1.42	2.18	0.49	1.08	2.74
1.34	2.9	3.65	0.44	0.86	2.91	0.84	0.87	2.36	4.41	1.89	2.56	3.34
2.23	9.36	2.57	6.63	2.96	3.05	0.96	2.21	9.35	2.65	0.06	4.56	0.93
0.21	2.33	3.58	0.49	2.53	2.07	0.14	2.81	0.55	2.84	1.28	4.41	1.76
4.43	2.99	8.9	0.4		2.9	0.38	2.7	3.37	1.65	1.85	4.35	0.28
0.7	4.09	2.3	2.66	5.35	0.66	2.36	1.74	0.73	5.01	1.17	0.31	4.98
1.39	10.3	5.57	2.46	1.95	0.85	1.4	1.46	1.98	1.44	1.9	7.24	2.64
1.86	1.72	6.74	1.72	6.79	0.73	1.45	1.95	5.05	5.46	2.96	2.76	1.23
2.4	1.02	0.15	2.3	3.95	2.72	3.14	0.98	0.47	1.12	3.59	1.17	2.69
1.77	4.81	1.95	0.79	7.5	3.38	1.01	4.86	0.76	6.27	0.98	3.83	1.09
0.29	0.68	3.44	4.71	0.59	1.76	1.54	2.44	1.76	2.21	3.5	3.25	0.53
1.76	1.07	0.91	3.85	2.17	2.05	5.26	4.19	1.05	1.46	1.65	1.97	6.89
2.16	2.22	2.52	0.75	1.15	3.32	0.57	1.31	1.41	2.58	4.52	2.06	4.8
2.79	3.22	3.59	2.91	1.98	3.71	0.07	2.91	1.09	4.16	0.25	2.89	0.47
4.82	0.68	1.81	3.16	1.32	0.31	2.74	0.79	2.6	1.08	0.23	2.77	2.99
1.03	8.76	1.64	1.09	5.85	4.59	4.15	2.22	0.31	2.81	1.91	6.19	1.69
1.33	2.52	1.31	2.94	0.35	1.93	5.23	0.29	1.58	0.64	3.81	4.01	2.31
1.23	3.14	1.22	0.81	3.38	5.83	1.96	2.62	2.98	1.97	5.1	5.62	4.74
1.31	3.63	3.02	2.76	2.14	0.5	4.01	0.67	4.68	2.36	1.18	0.3	1.57
3.4	8.44	0.97	0.38	3.85	1.21	0.42	0.41	0.81	1.74	2.83	0.36	1.85
2.17	7.17	1.64	2.49	2.08	4.3	6.16	1.51	0.85	1.18	2.4	2.49	2.58
0.35	5.07	2.77	0.15	0.48	1.16	1.23	2.43	3.7	3.76	3.43	2.67	1.32

0.8	1.17	3.65	1.57	4.21	2.93	1.68	4.17	0.97	1.48	2.72	0.25	0.99
4.11	1.69	5.88	1.18	3.05	0.78	1.7	1.95	3.25	1.26	2.69	1.05	1.9
1	0.29	0.92	7.07	0.95	1.6	0.99	3.88	0.5	1.31	3.29	1.23	1.94
5.83	0.3	2.22	0.91	2.71	2.29	2.75	2.92	2.09	2.16	1.15	4.16	1.8
1.59	3.11	2.39	4.3	1.06	3.46	2.92	1.04	3.03	1.19	1.32	1.49	2.45
2.59	1.38	4.05	2.55	1.59	3.41	0.74	0.64	2.62	4.35	4.29	1.99	4.07
1.36	1.78	1.57	1.29	3.25	0.37	5.77	1.45	2.88	1.8	7.44	0.6	2.38
2.92	0.61	6.06	0.36	0.1	0.19	2.49	3.62	0.58	3.32	4.44	0.88	1.02
1.66	2.47	0.21	1.99	1.23	6.6	3.31	2.45	1.65	5.4	3.43	1.21	2.53
0.41	1.01	3.45	1.93	3.33	2.15	1.17	1.95	0.86	2.22	1.84	1.83	1.06
3.9	3.33	2.15	0.71	1.63	1.56	1.9	3.59	5.02	2.04	2.02	3.95	1.09
4.39	3.13	1.39	4.37	1.02	4.48	6.48	4.67	3.24	1.61	3.69	4.78	1.32
4.79	0.54	1.62	2.06	0.89	2.89	2.45	4.6	1.36	5.38	2.11	5.52	1.03
1.77	1.36	6.11	1.33	2.42	4.41	3.73	1.81	2.33	3.16	2.15	1.19	2.29
2.95	0.66	0.52	1.38	1.99	3.86	1.44	1.08	0.2	0.57	2.72	0.67	2.64
0.82	2.11	1.41	1.04	1.85	2.8	1.98	0.17	3.67	1.23	0.96	2.5	0.29
1.01	3.23	1.21	0.16	0.88	1.34	3.42	0.26	1.59	0.59	1	2.22	2.4
1.97	2.13	7.27	1.12	3.98	1.59	1.73	2.3	1.44	2.34	1.25	1.8	0.88
1.88	2.81	3.55	1.67	2.6	1.34	1.68	2.02	2.04	5.5	1.21	3.81	0.9
2.73	2.03	1.68	2.87	2.16	0.41	2.53	3.43	1.83	1.92	1.31	0.97	2.57
2.77	5.69	3.08	5.59	1.45	2.57	2.58	0.31	3.67	0.58	2.28	2.04	3.28
0.11	0.69	2.83	1.91	1.82	3.93	2.39	2.1	2.11	1.91	1.02	6.11	2.8
0.62	1.37	0.58	0.56	1.9	5.6	0.53	0.73	1.74	1.14	2.97	5.2	2.23
5.16	4.07	1.49	5.01	1.09	2.28	2.88	2.68	1.87	3.85		3.17	2.41
2.38	1.27	1.27	1.3	1.53	6.39	6.9	4.59	0.89	2.9	2.2	2.43	5.04
1.85	0.37	4.04	1.39	0.85	1.94	2.71	0.59	7.12	1.95	0.89	2.64	3.05
3.6	2.33	3.81	0.41	1.51	2.22	0.53	3.02	2.64	0.39	0.65	5.36	0.56
3.08	8.3	3.31	0.4	1.2	4.93	1.33	5.53	1.55	1.96	0.85	2.26	1.12
4.03	0.99	1.79	2.44	3.11	1.21	1.77	1.77	1.59	0.97	0.4	0.31	2.81
2.87	0.2	0.93	0.99	5.35	1.65	1.63	2.91	1.39	1.22	0.8	1.43	0.46
1.43	3.17	1.3	0.96	2.18	2.41	3.47	1.23	4.66	1.38	1.8	1.79	1.1
2.1	2.77	1.4	2.45	1.69	2.17	0.11	3.98	1.72	0.8	5.55	2.09	1.26
0.83	2.78	5.35	0.71	2.56	2.92	0.99	1.45	1.97	1.64	3.17	5.25	1.7
1.89	1.93	1.2	1.34	0.66	1.15	3.16	6.9	1.77	2.76	5.18	2.8	1.6
1.09	2.89	1.86	3.08	1.87	5.07	0.51	1.2	3.41	2	5.44	0.12	2.69
1.64	0.47	1.65	0.72	2.28	0.78	1.82	0.7	1.29	1.39	1.96	2.44	2.01
0.96	2.8	3.77	2.13	1.3	1.92	5.31	0.44	3.99	1.9	1.5	2.38	2.57
0.9	4.69	2.52	3.5	0.94	1.73	2.33	3.65	2.51	3.66	1.41	2.08	1.1
3.42	2.55	3.66	9.5	1.41	2.82	1.05	0.2	1.66	2.06	2.41	1.42	0.74
1.71	1.81	4.09	3.74	1.3	4.12	1.2	1.1	4.87	2.98	2.79	0.24	2.28
2.78	0.92	4.31	2.09	0.6	1.32	3.76	2.32	2.04	2.39	4.74	1.15	1.86
1.19	1.22	3.97	2.84	2.68	0.57	2.42	4.05	5.94	0.34	0.38	3.8	0.3
0.37	9	0.65	2.01	0.8	2.2	0.56	0.84	2.7	0.89	6.28	0.83	3.21
1.3	0.12	2.11	4.68	3.23	3.47	3.06	1.11	2.69	4.66	1.07	2.97	1.42
1.21	4.88	0.51	1.6	0.65	0.86	2.84	0.93	1.86	3.56	1.87	3.71	1.59
0.26	2.46	0.95	0.5	0.91	0.17	3.77	3.77	5.71	4.82	2.09	0.27	0.32
3.74	4.42	0.67	0.61	3.57	2.21	2.32	3.14	4.84	3.83	0.67	1.64	2.15
7.91	0.95	3.95	0.63	2.18	2.06	2.57	1.53	2.68	0.54	0.62	2.84	0.15
0.32	0.55	0.42	4.98	0.59	2.02	2.71	2.8	0.54	3.06	1.09	1.09	0.57
2.78	2.56	2.19	3.43	1.4	2.04	1.88	4.87	2.3	2.47	0.43	1.17	0.93
1.17	2.71	0.84	3.15	2.38	3.06	0.61	0.48	1.32	0.82	1.1	0.31	2.56
1.34	0.93	0.89	2.15	1.06	2.86	3.36	4.23	1.47	1.1	2.38	0.23	1.98
1.11	3.05	2.18	0.36	0.38	5.75	2.14	2.79	3.83	4.06	1.55	0.99	0.49
1.22	1.24	0.96	0.93	6.05	1.78	5.95	1.18	3.35	1.73	1.46	3.96	1.42
0.24	6.36	2.91	5.2	2.06	1.4	1.19	0.38	2.34	0.46	0.14	1.62	2.46
5.43	3.18	1.52	0.68	3.87	7.85	3.12	1.2	4.21	2.67	0.88	1.28	1.49
2.36	1.04	3.7	3.35	2.03	4.91	1.76	0.97	3.05	0.24	3.48	1.99	0.44
2.09	5.35	2.97	2.59	5.23	1.06	2.59	1.7	4.17	1.15	2.85	3.4	5.03
1.69	1.23	4.04	5.41	1.01	2.42	2.56	0.74	3.15	4.46	2.35	2.32	1.4
1.64	3.45	2.94	3.47	0.52	3.8	0.13	1.71	1.66	1.27	5.68	0.27	3.35
3.1	1.65	1.58	5.69	6.88	5.35	2.31	1.02	3.87	1.51	0.45	2.88	1.67
1.15	0.4	0.27	1.56	1.91	2.57	1.12	3.07	3.43	1.17	0.3	0.59	1.21
2.9	3.68	3.03	5.72	0.17	1.94	1.64	0.51	1.61	0.63	3.6	0.46	2.61
2.09	2.73	0.23	1.36	2.31	0.83	1.43	1.21	3.68	0.85	1.62	1.01	0.94
4.5	0.53	2.12	1.21	1.7	1.7	1.65	2.04	0.37	4.17	1.55	1.46	0.77
0.83	1.27	0.18	0.92	5.44	2.18	0.64	0.96	1.69	2.09	3.19	2.95	2.48
1.71	3.3	3.71	0.33	0.95	0.54	2.76	2.42	0.46	2.08	2.59	2.24	3.47
0.64	4.16	1.61	1.58	1.57	0.79	0.53	1.37	1.49	1.36	0.91	6.38	2.44
1.95	1.63	2.34	0.39	1.32	2.59	2.3	2.17	2.65	2.68	1.6	4.69	1.14
0.91	2.42	2.21	1.39	2.26	5.67	1.03	1.51	0.21	0.27	1.81	2.42	4.24
1.07	0.53	0.59	3.22	0.84	2.99	1.94	2.94	0.96	4.71	1.19	1.44	1.16
1.94	3.5	2.45	3.07	0.98	1.66	4.25	1.64	2.68	2.06	5.62	1.93	2.35
2.86	3.53	1.42	1.06	2.55	1.03	1.81	0.71	0.64	4.95	1.85	2.03	2.39
2.19	0.91	2.8	3.88	2.53	1.91	0.59	0.9	2.37	3.13	2	3.28	4.14
0.49	2.1	4.02	1.91	0.74	1.05	3.22	1.83	4.27	1.57	3.35	1.66	0.52
0.78	5.28	0.22	2.79	0.73	3.74	1.95	1.68	2.99	8.82	0.82	1.04	2.71
3.31	4.24	0.26	5.66	2.54	2.44	1.71	0.86	0.9	6.49	4.14	1.69	0.35
1.53	2.59	3.52	3.48	2.18	3.16	5.2	1.9	1.32	3.45	0.82	7.03	5.44
0.63	0.36	0.6	3.59	4.22	0.75	0.14	1.75	0.72	4.59	0.64	1.82	1.94
2.55	3.7	1.14	5.29	0.33	0.33	0.66	2.36	0.79	4.52	0.75	3.19	1.85
0.36	2.95	3.77	2.16	7.02	2.48	1.42	5.2	1.79	2.07	2.42	1.65	0.55
0.69	1.6	2.71	1.05	4.39	0.51	4.04	2.4	5.12	1.07	4.16	6.04	5.2
6.56	3.14	0.71	0.88	4.14	0.44	1.27	4.14	1.39	1.6	4.48	7.48	3.67
0.55	8.03	1.37	5.14	1.43	3.04	1.71	0.55	3.08	5.32	1.07	1.98	2.75
1.09	2.73	5.19	1.28	2.97	0.66	2.57	1.66	2.24	1.98	3.17	0.63	4.13
4.19	3.31	0.41	5.02	4.82	3.85	0.98	2.16	0.28	3.25	0.26	1.02	2.48
0.97	1.5	1.75	1.04	5.08	0.87	1.9	4.82	1.05	1.2	1.9	0.2	3.72
2.97	3.09	0.53	5.03	4.94	3.18	2.7	1.83	2.97	0.43	1.03	0.31	1.36
2.78	2.58	0.46	5.08	4.16	4.05	2.21	0.67	1.37	0.75	2.23	3.21	1.86
2.41	1.53	1.34	4.93	0.5	1.69	1.67	3.1	1.28	1.21	2.4	2.43	4.57
3.32	0.55	1.9	4.64	2.04	1.33	1.61	0.03	2.4	2.67	3.08	0.79	1.33
2.69	0.41	2.07	2.38	0.78	2.47	5.78	4.84	0.34	2.42	4.57	2.42	0.78
0.68	5.94	1.23	1.4	0.61	1.14	0.33	1.59	3.48	3.1	1.98	7.4	1.63
2.84	3.53	1.67		1.78	5.35	1.17	3.08	1	1.99	0.54	1.48	1.48
1.14	3.34	0.98		1.21	0.69	0.71	6.2	0.81	1	3.46	0.75	2.53
2.8	4.38	4.09		0.97	1.46	4.51	2.25	2.46	2.19	3.88	3.57	2.59
3.04	0.37	2.26		1.04	1.84	0.83	3.23	2.06	4.37	4.88	3.45	0.92
0.67	3.86	2.65		2.07	1.93	0.83	3.06	0.84	1.71	1.07	1.94	1.6
1.27	0.7	2.11		4.21	1.17	1.62	2.8	3.77	3.59	3.11	2.25	3.6
5.11	4.19	2.23		2.95	0.69	1.07	0.52	1.48	2.77	3.97	3.46	8.53

1.42	0.44	2.01		2.86	2.55	2.19	2.52	0.79	0.72	4.28	1.45	1.3
0.98	2.44	2.53		2.36	2.94	0.48	1.4	0.54	1.75	7.11	1.37	1.96
0.97	2.91	1.9		1.36	5.64	2.55	1.72	1.03	3.61	2.1	1.79	3.09
2.62	2.28	1.94		2.89	4.79	1.6	2.49	6.95	0.89	2.23	1.53	1.07
4.22	1.55	0.89		1.07	4.56	0.85	3.18	0.13	3.41	2.38	3.83	2.74
3.22	0.31	0.93		1.86	3.08	1.58	2.84	0.74	3.49	0.52	2.05	3.97
2.65	2.98	2.17		1.18	5.64	2.76	8.22	2.05	2.47	1.63	5.51	2.11
0.48	3.62	4.97		5.01	0.96	1.42	1.44	1.67	2.31	0.78	6.43	0.96
2.86	1.89	0.71		2.49	0.84	1.42	1.42	1.85	4.62	2.95	5.8	0.69
1.27	3.38	2.74		3.7	2.29	1.31	4.03	3.4	1.07	3.78	2.84	0.45
4.08	2.48	1.1		2.49	3.42	0.14	1.62	2.22	0.41	5.09	1.24	1.38
2.35	4.78	1.65		1.17	0.89	0.56	1	3.93	3.03	1.06	3.86	5.34
4.02	6.21	1.09		2.24	1.07	3.28	3.22	1.64	0.74	4.39	1.46	6.13
1.73	0.92	0.74		1.29	4	1.47		1.1	1.33	1.96	6.75	1.32
1.58	2.04	0.26		1.89	1.33	1.96		4.03	3.8	2.82	2.53	2.67
2.75	3.68	1.14		2.41	1.88	1.02		3.06	4.38	1.11	2.81	2.03
1.27	3.82	2.03		0.93	5.98	1.55		0.87	2.7	5.61	3.98	3.03
1.18	1.56	5.36		3.15	2.52	1.67		1.57	0.69	2.13	0.41	0.66
1.74	1.86	0.54		2.98	0.23	0.92		4.82	3.74	4.43	1.06	0.17
5.19	1.57	0.56		0.26	2.96	1.59		5.39	3.55	2.74	6.77	1.61
3.13	2.45	2.03		2.71	1.86	0.18		2.35	0.82	2.39	3.23	0.19
3.7	1.73	0.39		1.93	3.52	7.92		0.21	4.69	2.79	3.88	4.88
0.63	0.85	0.55			0.72	0.29		2.7	1.83	3.25	0.55	5.14
5.26	4.15	1.89			1.23	0.33		2.56	7.21	5.56	2.6	2.33
3.16	1.75	2.09			4.1	2.63		0.86	3.8	5.68		2.89
2.84	7.97	4.09			3.22	2.43		1.15	3.48	2.4		1.65
4.12		1.37			1.02	2.45		5.24	1.62	3.43		2.51
1.58		1.82			1.87	0.94		1.18	4.57	0.84		4.06
4.89		2.41			3.09	1.65		4.34	2.65	2.92		1.33
4.06		2.14			1.69	6.45		3.5	1.54	1.83		1.15
2.2		4.36			1.03	3.11		0.79	2.71	8		1.59
0.23		3.15			7.37	9.25		2.32	5.24			1.27
0.98		4.07			0.98	2.83		1.41	2.91			2.12
1.17		3.78			0.49	5.96		2.4	1.01			2.54
0.93		3.37			4.08	2.8		2.65	0.54			
0.6		5.22			2.6	5.55		2.29	2.45			
0.93		3.99			0.85	0.37		2.1	1.65			
4.88		2.63			2.17	2.69		0.69	3.07			
2.53		6.81			2.85			4.7	3.71			
3.61		1.55			1.5			2.12	1.19			
2.02		0.24			2.47			1.04	1.49			
1.33		1.16			5.09			4.64	1.81			
3.36		3.96			0.99			1.34	1.08			
1.56		2.74			0.85			3.55				
2.21		4.43			4.68			1.68				
3.75		2.97			4.46			1.3				
3.45		1.83			1.01			3.16				
3.54		0.38			1.57			0.68				
0.45		5.48						5.37				
5.73								0.47				
1.71								3.9				
2.48								1.56				
1.85								1.68				
0.97								2.26				
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