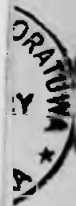


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Appendices

Appendix A- The following table shows the yield of kurakkan from year 1950-2007 in metric tons.

Year (t)	X _t	Year (t)	X _t	Year (t)	X _t	Year (t)	X _t	Year (t)	X _t	Year (t)	X _t
1950 M	12560	1960 M	12813	1970 M	(missing)	1980 M	10241	1990 M	6703	2000 M	4290
Y	6248	Y	7125	Y	(missing)	Y	2908	Y	509	Y	560
1951 M	15704	1961 M	12681	1971 M	9153	1981 M	9441	1991 M	5964	2001 M	3770
Y	5855	Y	7080	Y	4630	Y	1974	Y	603	Y	420
1952 M	13184	1962 M	10072	1972 M	9086	1982 M	9545	1992 M	4247	2002 M	3660
Y	4300	Y	5723	Y	5629	Y	2737	Y	790	Y	410
1953 M	13926	1963 M	13382	1973 M	10923	1983 M	11579	1993 M	5912	2003 M	4540
Y	5974	Y	7785	Y	8335	Y	2463	Y	1127	Y	730
1954 M	14998	1964 M	10945	1974 M	15840	1984 M	9425	1994 M	5700	2004 M	4026
Y	5350	Y	5554	Y	6096	Y	1338	Y	952	Y	643
1955 M	13798	1965 M	(missing)	1975 M	17875	1985 M	8200	1995 M	4090	2005 M	5530
Y	5819	Y	(missing)	Y	5290	Y	800	Y	790	Y	920
1956 M	6254	1966 M	10787	1976 M	17805	1986 M	8002	1996 M	3400	2006 M	5420
Y	7525	Y	8284	Y	5058	Y	719	Y	510	Y	870
1957 M	13641	1967 M	9634	1977 M	17157	1987 M	6957	1997 M	2990	2007 M	4566
Y	10908	Y	6254	Y	2278	Y	367	Y	510	Y	891
1958 M	13624	1968 M	10422	1978 M	16597	1988 M	7731	1998 M	3800		
Y	5797	Y	4610	Y	2757	Y	568	Y	590		
1959 M	9741	1969 M	(missing)	1979 M	11123	1989 M	6381	1999 M	4220		
Y	6223	Y	(missing)	Y	2147	Y	639	Y	590		

Appendix B - The SAS output of the missing values for the two seasons YALA and MAHA in the years 1965,1969 and 1970 interpolated using cubic spline interpolation , the non missing data of the time series remains unchanged.



SAS - [VIEWTABLE: Work.Interpol]

File Edit View Tools Data Solutions Window Help

Contents of 'Work'

Interpol Times

	TIME	index	harvest
1	0	1	12560
2	1	2	6248
3	2	3	15704
4	3	4	5855
5	4	5	13184
6	5	6	4300
7	6	7	13926
8	7	8	5974
9	8	9	14998
10	9	10	5350
11	10	11	13798
12	11	12	5819
13	12	13	6254
14	13	14	7525
15	14	15	13641
16	15	16	10908
17	16	17	13624
18	17	18	5797
19	18	19	9741
20	19	20	6223
21	20	21	12813
22	21	22	7125
23	22	23	12681
24	23	24	7080
25	24	25	10072
26	25	26	5723
27	26	27	13382
28	27	28	7785
29	28	29	10945
30	29	30	5554
31	30	31	4879.6579664
32	31	32	8907.0436155
33	32	33	10787
34	33	34	8284
35	34	35	9634
36	35	36	6254
37	36	37	12122

Results Explorer Output - (Untitled) Log - (Untitled)

SAS - [VIEWTABLE: Work.Interpol]

File Edit View Tools Data Solutions Window Help

Explorer

Contents of 'Work'

Interpol Times

	TIME	index	harvest
34			
35	33		
36	34	34	8284
37	35	35	9634
38	36	36	6254
39	37	37	10422
40	38	38	4610
41	39	39	1679.7420201
42	40	40	4000.5262626
43	41	41	8240.7394951
44	42	42	11068.768485
45	43	43	9153
46	44	44	4630
47	45	45	9086
48	46	46	5629
49	47	47	10923
50	48	48	8335
51	49	49	15840
52	50	50	6096
53	51	51	17875
54	52	52	5290
55	53	53	17805
56	54	54	5058
57	55	55	17157
58	56	56	2278
59	57	57	16597
60	58	58	2757
61	59	59	11123
62	60	60	2147
63	61	61	10241
64	62	62	2908
65	63	63	9441
66	64	64	1974
67	65	65	9545
68	66	66	2737
69	67	67	11579
70	68	68	2463
71	69	69	9425
72	70	70	1000

Results Explorer Output - (Untitled) Log - (Untitled)

Appendices C- The presentation of the data series obtained by filling missing values using state space method

Year (t)	Xt	Year (t)	Xt	Year (t)	Xt	Year (t)	Xt	Year (t)	Xt	Year (t)	Xt
1950 M	12560	1960 M	12813	1970 M	10009.7	1980 M	10241	1990 M	6703	2000 M	4290
Y	6248	Y	7125	Y	5525.08	Y	2908	Y	509	Y	560
1951 M	15704	1961 M	12681	1971 M	9153	1981 M	9441	1991 M	5964	2001 M	3770
Y	5855	Y	7080	Y	4630	Y	1974	Y	603	Y	420
1952 M	13184	1962 M	10072	1972 M	9086	1982 M	9545	1992 M	4247	2002 M	3660
Y	4300	Y	5723	Y	5629	Y	2737	Y	790	Y	410
1953 M	13926	1963 M	13382	1973 M	10923	1983 M	11579	1993 M	5912	2003 M	4540
Y	5974	Y	7785	Y	8335	Y	2463	Y	1127	Y	730
1954 M	14998	1964 M	10945	1974 M	15840	1984 M	9425	1994 M	5700	2004 M	4026
Y	5350	Y	5554	Y	6096	Y	1338	Y	952	Y	643
1955 M	13798	1965 M	11004.4	1975 M	17875	1985 M	8200	1995 M	4090	2005 M	5530
Y	5819	Y	6753.47	Y	5290	Y	800	Y	790	Y	920
1956 M	6254	1966 M	10787	1976 M	17805	1986 M	8002	1996 M	3400	2006 M	5420
Y	7525	Y	8284	Y	5058	Y	719	Y	510	Y	870
1957 M	13641	1967 M	9634	1977 M	17157	1987 M	6957	1997 M	2990	2007 M	4566
Y	10908	Y	6254	Y	2278	Y	367	Y	510	Y	891
1958 M	13624	1968 M	10422	1978 M	16597	1988 M	7731	1998 M	3800		
Y	5797	Y	4610	Y	2757	Y	568	Y	590		
1959 M	9741	1969 M	10217.8	1979 M	11123	1989 M	6381	1999 M	4220		
Y	6223	Y	5462.08	Y	2147	Y	639	Y	590		

Appendices D- The presentation of the money data series, Source: International Financial Statistics, Central Bank of Sri Lanka

1957M1	1122.00	1959M7	1086.00	1962M1	1274.00
1957M2	1096.00	1959M8	1087.00	1962M2	1280.00
1957M3	1098.00	1959M9	1120.00	1962M3	1624.00
1957M4	1072.00	1959M10	1144.00	1962M4	1292.00
1957M5	1052.00	1959M11	1160.00	1962M5	1300.00
1957M6	1036.00	1959M12	1169.00	1962M6	1287.00
1957M7	1048.00	1960M1	1171.00	1962M7	1264.00
1957M8	1016.00	1960M2	1184.00	1962M8	1259.00
1957M9	1037.00	1960M3	1186.00	1962M9	1282.00
1957M10	1044.00	1960M4	1157.00	1962M10	1307.00
1957M11	1041.00	1960M5	1153.00	1962M11	1297.00
1957M12	1032.00	1960M6	1161.00	1962M12	1333.00
1958M1	1006.00	1960M7	1141.00	1963M1	1337.00
1958M2	1008.00	1960M8	1152.00	1963M2	1359.00
1958M3	1014.00	1960M9	1172.00	1963M3	1375.00
1958M4	1024.00	1960M10	1203.00	1963M4	1390.00
1958M5	992.00	1960M11	1210.00	1963M5	1421.00
1958M6	1007.00	1960M12	1197.00	1963M6	1438.00
1958M7	1015.00	1961M1	1194.00	1963M7	1437.00
1958M8	1014.00	1961M2	1184.00	1963M8	1464.00
1958M9	1064.00	1961M3	1200.00	1963M9	1489.00
1958M10	1078.00	1961M4	1204.00	1963M10	1493.00
1958M11	1061.00	1961M5	1208.00	1963M11	1522.00
1958M12	1067.00	1961M6	1211.00	1963M12	1494.00
1959M1	1041.00	1961M7	1212.00	1964M1	1457.30
1959M2	1045.00	1961M8	1220.00	1964M2	1490.10
1959M3	1080.00	1961M9	1250.00	1964M3	1493.80
1959M4	1075.00	1961M10	1236.00	1964M4	1522.00
1959M5	1086.00	1961M11	1239.00	1964M5	1536.10
1959M6	1085.00	1961M12	1275.00	1964M6	1539.80



1964M7	1532.30	1967M1	1583.70	1969M7	1855.20
1964M8	1518.10	1967M2	1674.30	1969M8	1863.60
1964M9	1538.00	1967M3	1802.80	1969M9	1867.70
1964M10	1580.70	1967M4	1766.00	1969M10	1875.00
1964M11	1592.10	1967M5	1709.70	1969M11	1885.80
1964M12	1610.30	1967M6	1713.60	1969M12	1867.70
1965M1	1604.00	1967M7	1701.20	1970M1	1855.20
1965M2	1568.00	1967M8	1656.50	1970M2	1866.60
1965M3	1571.00	1967M9	1682.50	1970M3	1914.90
1965M4	1588.50	1967M10	1746.00	1970M4	1925.90
1965M5	1633.20	1967M11	1772.00	1970M5	1958.60
1965M6	1636.80	1967M12	1790.10	1970M6	1974.00
1965M7	1679.10	1968M1	1773.80	1970M7	1967.30
1965M8	1660.80	1968M2	1775.80	1970M8	2000.80
1965M9	1662.60	1968M3	1813.90	1970M9	2049.80
1965M10	1674.50	1968M4	1838.80	1970M10	2051.90
1965M11	1662.60	1968M5	1851.30	1970M11	1911.00
1965M12	1703.30	1968M6	1839.20	1970M12	1949.30
1966M1	1680.70	1968M7	1814.40	1971M1	1926.00
1966M2	1660.90	1968M8	1822.30	1971M2	1955.10
1966M3	1649.20	1968M9	1832.10	1971M3	2030.80
1966M4	1655.70	1968M10	1872.70	1971M4	2081.30
1966M5	1679.30	1968M11	1879.30	1971M5	2100.00
1966M6	1676.00	1968M12	1895.70	1971M6	2130.60
1966M7	1743.00	1969M1	1866.60	1971M7	2113.80
1966M8	1686.90	1969M2	1866.30	1971M8	2122.70
1966M9	1668.40	1969M3	1894.30	1971M9	2129.30
1966M10	1668.60	1969M4	1899.30	1971M10	2154.90
1966M11	1642.00	1969M5	1882.60	1971M11	2119.70
1966M12	1644.70	1969M6	1900.90	1971M12	2128.20

1972M1	2080.10	1974M8	2974.80	1977M3	4678.00
1972M2	2065.80	1974M9	3103.40	1977M4	4732.40
1972M3	2084.20	1974M10	3091.40	1977M5	4776.20
1972M4	2131.90	1974M11	2985.50	1977M6	4916.20
1972M5	2124.20	1974M12	2922.80	1977M7	4857.70
1972M6	2140.70	1975M1	2914.30	1977M8	4871.20
1972M7	2091.00	1975M2	2904.70	1977M9	4989.60
1972M8	2135.70	1975M3	3018.30	1977M10	5029.80
1972M9	2319.30	1975M4	3021.10	1977M11	5224.10
1972M10	2315.10	1975M5	2947.30	1977M12	5332.00
1972M11	2300.10	1975M6	3001.30	1978M1	5644.70
1972M12	2461.30	1975M7	2956.30	1978M2	5793.60
1973M1	2304.60	1975M8	2906.00	1978M3	5963.80
1973M2	2223.40	1975M9	2991.40	1978M4	5985.70
1973M3	2393.20	1975M10	3022.50	1978M5	5841.00
1973M4	2443.50	1975M11	3023.60	1978M6	5832.70
1973M5	2415.60	1975M12	3063.50	1978M7	5539.30
1973M6	2477.20	1976M1	3103.10	1978M8	5487.10
1973M7	2423.60	1976M2	3190.50	1978M9	5766.60
1973M8	2463.60	1976M3	3365.10	1978M10	5801.90
1973M9	2580.50	1976M4	3490.30	1978M11	5919.10
1973M10	2592.60	1976M5	3553.80	1978M12	5894.60
1973M11	2642.10	1976M6	3697.90	1979M1	6055.70
1973M12	2755.40	1976M7	3635.20	1979M2	6446.40
1974M1	2749.50	1976M8	3823.90	1979M3	6728.30
1974M2	2784.80	1976M9	3854.70	1979M4	6702.30
1974M3	3009.70	1976M10	3954.40	1979M5	6669.80
1974M4	2870.90	1976M11	3986.90	1979M6	6665.50
1974M5	2778.50	1976M12	4133.10	1979M7	6648.60
1974M6	2904.20	1977M1	4170.10	1979M8	6875.70
1974M7	2954.20	1977M2	4392.50	1979M9	7064.40

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1979M10	7114.50	1982M5	11049.80	1984M12	16646.80
1979M11	7210.00	1982M6	10745.20	1985M1	16337.80
1979M12	7642.60	1982M7	10655.80	1985M2	16431.80
1980M1	7825.30	1982M8	10834.90	1985M3	17028.80
1980M2	7861.90	1982M9	11105.20	1985M4	17118.40
1980M3	8339.70	1982M10	11347.80	1985M5	17031.20
1980M4	8364.30	1982M11	11392.60	1985M6	17177.40
1980M5	8268.10	1982M12	11672.00	1985M7	16866.80
1980M6	8253.70	1983M1	11766.50	1985M8	17140.90
1980M7	8169.80	1983M2	12127.80	1985M9	17370.10
1980M8	8213.90	1983M3	12874.70	1985M10	17687.70
1980M9	8096.90	1983M4	12717.10	1985M11	18087.20
1980M10	8345.40	1983M5	12490.20	1985M12	18661.50
1980M11	8935.70	1983M6	12470.00	1986M1	18351.90
1980M12	9332.60	1983M7	12831.70	1986M2	18940.80
1981M1	9130.60	1983M8	12838.40	1986M3	20340.90
1981M2	9241.50	1983M9	13095.10	1986M4	20187.20
1981M3	10080.50	1983M10	13423.30	1986M5	19927.10
1981M4	9533.10	1983M11	13401.60	1986M6	19842.60
1981M5	9127.00	1983M12	14588.60	1986M7	19501.10
1981M6	8985.70	1984M1	14807.50	1986M8	19621.80
1981M7	9024.20	1984M2	14772.00	1986M9	20269.90
1981M8	9143.80	1984M3	15290.50	1986M10	20101.70
1981M9	9385.40	1984M4	15182.30	1986M11	20183.30
1981M10	9436.10	1984M5	14163.40	1986M12	21050.70
1981M11	9389.60	1984M6	14621.70	1987M1	21694.80
1981M12	9949.40	1984M7	14744.30	1987M2	21594.70
1982M1	10973.20	1984M8	14654.40	1987M3	22348.90
1982M2	11081.30	1984M9	15394.80	1987M4	21942.50
1982M3	11586.00	1984M10	15899.00	1987M5	22152.50
1982M4	11182.10	1984M11	15533.90	1987M6	21896.30



1987M7	22432.40	1990M2	36385.70	1992M9	46911.50
1987M8	22989.00	1990M3	37181.90	1992M10	46403.30
1987M9	22807.90	1990M4	32631.40	1992M11	46844.40
1987M10	22964.60	1990M5	36438.90	1992M12	50067.60
1987M11	23366.10	1990M6	36144.40	1993M1	51201.70
1987M12	24901.10	1990M7	35913.90	1993M2	51157.20
1988M1	25184.20	1990M8	36215.80	1993M3	53459.20
1988M2	25516.10	1990M9	37142.00	1993M4	53529.50
1988M3	26468.40	1990M10	36502.20	1993M5	52574.30
1988M4	27208.50	1990M11	37995.00	1993M6	51993.90
1988M5	27917.20	1990M12	39607.30	1993M7	52976.00
1988M6	27528.50	1991M1	39666.70	1993M8	53525.10
1988M7	27851.10	1991M2	40172.30	1993M9	54639.60
1988M8	28106.10	1991M3	41580.70	1993M10	55159.70
1988M9	28251.90	1991M4	41131.60	1993M11	55298.80
1988M10	28526.50	1991M5	40911.70	1993M12	59355.50
1988M11	30102.90	1991M6	41308.90	1994M1	57772.40
1988M12	32154.70	1991M7	40447.10	1994M2	62351.60
1989M1	31046.50	1991M8	41481.00	1994M3	62708.00
1989M2	31563.10	1991M9	42864.10	1994M4	61612.30
1989M3	32416.20	1991M10	42780.90	1994M5	60856.50
1989M4	32533.30	1991M11	42742.30	1994M6	62417.10
1989M5	31659.40	1991M12	46609.70	1994M7	63275.50
1989M6	31808.40	1992M1	44341.40	1994M8	63572.30
1989M7	33224.00	1992M2	45763.80	1994M9	66119.50
1989M8	33823.20	1992M3	47894.00	1994M10	66873.30
1989M9	34327.20	1992M4	48115.60	1994M11	66685.20
1989M10	34323.50	1992M5	46923.40	1994M12	70462.70
1989M11	33783.20	1992M6	46610.30	1995M1	69875.00
1989M12	35098.80	1992M7	45866.20	1995M2	70702.70
1990M1	35160.60	1992M8	46336.00	1995M3	71337.70

1995M4	68718.90	1995M4	68718.90	1995M4	68718.90
1995M5	68376.80	1995M5	68376.80	1995M5	68376.80
1995M6	68714.40	1995M6	68714.40	1995M6	68714.40
1995M7	68194.80	1995M7	68194.80	1995M7	68194.80
1995M8	69322.20	1995M8	69322.20	1995M8	69322.20
1995M9	70306.00	1995M9	70306.00	1995M9	70306.00
1995M10	71599.90	1995M10	71599.90	1995M10	71599.90
1995M11	71847.30	1995M11	71847.30	1995M11	71847.30
1995M12	75217.80	1995M12	75217.80	1995M12	75217.80
1996M1	73783.40	1996M1	73783.40	1996M1	73783.40
1996M2	77440.20	1996M2	77440.20	1996M2	77440.20
1996M3	81795.70	1996M3	81795.70	1996M3	81795.70
1996M4	79478.30	1996M4	79478.30	1996M4	79478.30
1996M5	76619.40	1996M5	76619.40	1996M5	76619.40
1996M6	75955.90	1996M6	75955.90	1996M6	75955.90
1996M7	76199.80	1996M7	76199.80	1996M7	76199.80
1996M8	76184.40	1996M8	76184.40	1996M8	76184.40
1996M9	76633.90	1996M9	76633.90	1996M9	76633.90
1996M10	74004.20	1996M10	74004.20	1996M10	74004.20
1996M11	75276.20	1996M11	75276.20	1996M11	75276.20
1996M12	78202.40	1996M12	78202.40	1996M12	78202.40
1997M1	77887.90	1997M1	77887.90	1997M1	77887.90
1997M2	77596.90	1997M2	77596.90	1997M2	77596.90
1997M3	80828.20	1997M3	80828.20	1997M3	80828.20
1997M4	80583.20	1997M4	80583.20	1997M4	80583.20
1997M5	80240.20	1997M5	80240.20	1997M5	80240.20
1997M6	79670.30	1997M6	79670.30	1997M6	79670.30
1997M7	79534.50	1997M7	79534.50	1997M7	79534.50
1997M8	81068.40	1997M8	81068.40	1997M8	81068.40
1997M9	82287.30	1997M9	82287.30	1997M9	82287.30
1997M10	83299.10	1997M10	83299.10	1997M10	83299.10

2007M3	267932.00
2007M4	266253.00
2007M5	268184.00
2007M6	260536.00
2007M7	256410.00
2007M8	262222.00
2007M9	261257.00
2007M10	255276.00
2007M11	258718.00
2007M12	268005.00
2008M1	260338.00
2008M2	268105.00
2008M3	286918.00
2008M4	274140.00
2008M5	269376.00
2008M6	274884.00

