

## REFERENCES

- Angeloudis, P., Bichou, K., & Bell, M. G. (2013). *Security and reliability of the liner container-shipping network: analysis of robustness using a complex network framework*. In Risk Management in Port Operations, Logistics and Supply Chain Security (pp. 129-140). Informa Law from Routledge.
- Arnon, S., & Reichel, N. (2009). *Closed and Open-Ended Question Tools in a Telephone Survey About "The Good Teacher" An Example of a Mixed Method Study*. Journal of Mixed Methods Research, 3(2), 172-196.
- Arvis, J. F., & Shepherd, B. (2011). *The air connectivity index: measuring integration in the global air transport network*. The World Bank.
- Bagozzi, R. P., Yi, Y., & Phillips, L. W. (1991). *Assessing construct validity in organizational research*. Administrative science quarterly, 421-458.
- Bandara, Y. M., Nguyen, H. O., & Chen, S. L. (2013). *Determinants of port infrastructure pricing*. The Asian Journal of Shipping and Logistics, 29(2), 187-206.
- Bartholdi, J. J., Jarumaneeroj, P., & Ramudhin, A. (2016). *A new connectivity index for container ports*. Maritime Economics & Logistics, 18(3), 231-249.
- Bernhofen, D. M., El-Sahli, Z., & Kneller, R. (2013). *Estimating the Effects of the Container Revolution on World Trade*.
- Bichou, K. (2004). *The ISPS Code and The Cost of Port Compliance: An Initial Logistics and Supply Chain Framework for Port Security Assessment and Management*. Maritime Economics & Logistics, 6(4), 322-348.
- Burns, K. E., Duffett, M., Kho, M. E., Meade, M. O., Adhikari, N. K., Sinuff, T., & Cook, D. J. (2008). *A guide for the design and conduct of self-administered surveys of clinicians*. Cmaj, 179(3), 245-252.
- Cahoon, S. C. (2004). *Seaport marketing: a census of Australian seaports* (Doctoral dissertation, University of Tasmania).
- Calatayud, A., Mangan, J., & Palacin, R. (2017). *Connectivity to international markets: A multi-layered network approach*. Journal of Transport Geography, 61, 61-71.
- Cameron, S., & Price, D. (2009). *Business research methods: a practical approach*. Kogan Page Publishers.
- Castillo-Manzano, J. I., Castro-Nuño, M., Laxe, F. G., López-Valpuesta, L., & Arévalo-Quijada, M. T. (2009). *Low-cost port competitiveness index: Implementation in the Spanish port system*. Marine Policy, 33(4), 591-598.
- Cavana, R. Y., Delahaye, B. L., & Sekaran, U. (2001). *Applied business research: Qualitative and quantitative methods*. John Wiley & Sons Inc.
- Collins, D. (2003). *Pretesting survey instruments: an overview of cognitive methods*. Quality of life research, 12(3), 229-238.
- Couper, M. P., & Nicholls, W. L. (1998). *The history and development of computer assisted survey information collection methods*. Computer assisted survey information collection, 1-21.

- Creswell, J. W. (2014). *A concise introduction to mixed methods research*. Sage publications.
- Creswell, J. W., & Clark, V. L. P. (2011). *Designing and conducting mixed methods research*. Sage publications.
- Cullinane, K., & Wang, Y. (2009). *A capacity-based measure of container port accessibility*. *International Journal of Logistics: Research and Applications*, 12(2), 103-117.
- Cullinane, K., & Wang, Y. (2012). *The hierarchical configuration of the container port industry: an application of multiple linkage analysis*. *Maritime Policy & Management*, 39(2), 169-187.
- Cycyota, C. S., & Harrison, D. A. (2006). *What (not) to expect when surveying executives: A meta-analysis of top manager response rates and techniques over time*. *Organizational Research Methods*, 9(2), 133-160.
- De Langen, P. W., Udenio, M., Fransoo, J. C., & Helminen, R. (2016). *Port connectivity indices: an application to European RoRo shipping*. *Journal of Shipping and Trade*, 1(1), 6.
- Drennan, J. (2003). *Cognitive interviewing: verbal data in the design and pretesting of questionnaires*. *Journal of advanced nursing*, 42(1), 57-63.
- Ducruet, C., & Zaidi, F. (2012). *Maritime constellations: a complex network approach to shipping and ports*. *Maritime Policy & Management*, 39(2), 151-168.
- Ducruet, C., Rozenblat, C., & Zaidi, F. (2010). *Ports in multi-level maritime networks: evidence from the Atlantic (1996–2006)*. *Journal of Transport geography*, 18(4), 508-518.
- Duffy, B., Smith, K., Terhanian, G., & Bremer, J. (2005). *Comparing data from online and face-to-face surveys*. *International Journal of Market Research*, 47(6), 615-639.
- Edwards, P., Roberts, I., Clarke, M., DiGuseppi, C., Prata, S., Wentz, R., & Kwan, I. (2002). *Increasing response rates to postal questionnaires: systematic review*. *Bmj*, 324(7347), 1183.
- Fahy, J. (2002). *A resource-based analysis of sustainable competitive advantage in a global environment*. *International Business Review*, 11(1), 57-77.
- Frazer, L. and Lawly, M. (2000), *Questionnaire Design and Administration*, 2nd edn, John Wiley & Sons, Brisbane.
- Fugazza, M., & Hoffmann, J. (2017). *Liner shipping connectivity as determinant of trade*. *Journal of Shipping and Trade*, 2(1), 1.
- Fugazza, M., Hoffmann, J., & Razafinombana, R. (2013). *Building a dataset for bilateral maritime connectivity*. UN.
- Galbreath, J. (2002). *Twenty-first century management rules: the management of relationships as intangible assets*. *Management Decision*, 40(2), 116-126.
- Galbreath, J. T. (2004). *Determinants of firm success: a resource-based analysis* (Doctoral dissertation, Curtin University).
- Gastner, M. T., & Ducruet, C. (2015). *The distribution functions of vessel calls and port connectivity in the global cargo ship network*. *Maritime Networks: Spatial Structures and Time Dynamics*, Routledge Studies in Transport Analysis, 242-261.

- Gatignon, H., Tushman, M. L., Smith, W., & Anderson, P. (2002). *A structural approach to assessing innovation: Construct development of innovation locus, type, and characteristics*. *Management science*, 48(9), 1103-1122.
- Haeger, H., Lambert, A. D., Kinzie, J., & Gieser, J. (2012). *Using cognitive interviews to improve survey instruments*. Association for Institutional Research, New Orleans.
- Hair, J. F., Babin, B., Money, A. H. and Samouel, P. (2011), *Essential of Business Research Methods*, 1st edn, John Wiley & Sons, Brisbane.
- Haji, S., & Hoffmann, J., (2007). Liner shipping connectivity. *UNCTAD Transport Newsletter*. 37 (3), 7–14.
- Hansen, K. M. (2006). *The effects of incentives, interview length, and interviewer characteristics on response rates in a CATI-study*. *International Journal of Public Opinion Research*, 19(1), 112-121.
- Hoffmann, J. (2005). Liner shipping connectivity. *UNCTAD Transport Newsletter*, 27(1), 4-12.
- Hoffmann, J. (2012). *Corridors of the Sea: An investigation into liner shipping connectivity*. *Les corridors de transport (sous la direction de Yann Alix)*, Editions EMS, Caen, 263-276.
- Hofmeyer, A., Sheingold, B. H., & Taylor, R. (2015). *Do You Understand What I Mean? How Cognitive Interviewing Can Strengthen Valid, Reliable Study Instruments and Dissemination Products*. *Journal of International Education Research*, 11(4), 261-268.
- Huber, G. P. (1991). *Organizational learning: The contributing processes and the literatures*. *Organization science*, 2(1), 88-115.
- Hurst, S., Arulogun, O. S., Owolabi, M. O., Akinyemi, R., Uvere, E., Warth, S., & Ovbiagele, B. (2015). *Pretesting qualitative data collection procedures to facilitate methodological adherence and team building in Nigeria*. *International journal of qualitative methods*, 14(1), 53-64.
- Jia, H., Daae Lampe, O., Solteszova, V., & Strandenes, S. P. (2017). *Norwegian port connectivity and its policy implications*. *Maritime Policy & Management*, 44(8), 956-966.
- Jiang, J., Lee, L. H., Chew, E. P., & Gan, C. C. (2015). *Port connectivity study: An analysis framework from a global container liner shipping network perspective*. *Transportation research part E: Logistics and transportation review*, 73, 47-64.
- Kaluza, P., Kölzsch, A., Gastner, M. T., & Blasius, B. (2010). *The complex network of global cargo ship movements*. *Journal of the Royal Society Interface*, 7(48), 1093-1103.
- Kara, B. Y., & Tansel, B. Ç. (2001). *The latest arrival hub location problem*. *Management Science*, 47(10), 1408-1420.
- Kavirathna, C. A., Kawasaki, T., & Hanaoka, S. (2018). *Transshipment hub port competitiveness of the port of Colombo against the major Southeast Asian hub ports*. *The Asian Journal of Shipping and Logistics*, 34(2), 71-82.
- Kelley, K., Clark, B., Brown, V., & Sitzia, J. (2003). *Good practice in the conduct and reporting of survey research*. *International Journal for Quality in health care*, 15(3), 261-266.
- Kronbak, J., & Cullinane, K. (2011). *16 Captive and contestable port hinterlands: modelling and visualization using GIS*. *International Handbook of Maritime Economics*, 348.

- Krosnick, J. A. (1999). *Survey research. Annual review of psychology*, 50(1), 537-567.
- Laird, J. J., Nellthorp, J., & Mackie, P. J. (2005). *Network effects and total economic impact in transport appraisal*. *Transport policy*, 12(6), 537-544.
- Lam, J. S. L., & Yap, W. Y. (2008). *Competition for transshipment containers by major ports in Southeast Asia: slot capacity analysis*. *Maritime Policy & Management*, 35(1), 89-101.
- Lam, J. S. L., & Yap, W. Y. (2011). *Dynamics of liner shipping network and port connectivity in supply chain systems: analysis on East Asia*. *Journal of Transport Geography*, 19(6), 1272-1281.
- Laxe, F. G., Seoane, M. J. F., & Montes, C. P. (2012). *Maritime degree, centrality and vulnerability: port hierarchies and emerging areas in containerized transport (2008–2010)*. *Journal of Transport Geography*, 24, 33-44.
- Lee, C. B., Wan, J., Shi, W., & Li, K. (2014). *A cross-country study of competitiveness of the shipping industry*. *Transport Policy*, 35, 366-376.
- Limao, N., & Venables, A. J. (2001). *Infrastructure, geographical disadvantage, transport costs, and trade*. *The World Bank Economic Review*, 15(3), 451-479.
- Low, J. M., Lam, S. W., & Tang, L. C. (2009). *Assessment of hub status among Asian ports from a network perspective*. *Transportation Research Part A: Policy and Practice*, 43(6), 593-606.
- Lu, C. S. (2007). *Evaluating key resources and capabilities for liner shipping services*. *Transport Reviews*, 27(3), 285-310.
- Lun, Y. V., & Hoffmann, J. (2016). *Connectivity and trade relativity: the case of ASEAN*. *Journal of Shipping and Trade*, 1(1), 11.
- Márquez-Ramos, L., Martínez-Zarzoso, I., Pérez-García, E., & Wilmsmeier, G. (2005, September). *Determinants of maritime transport costs. Importance of connectivity measures*. In *International Trade and Logistics, Corporate Strategies and the Global Economy Congress Proceedings*.
- Márquez-Ramos, L., Martínez-Zarzoso, I., Pérez-García, E., & Wilmsmeier, G. (2011). *“Special issue on Latin-American research” maritime networks, services structure and maritime trade*. *Networks and Spatial Economics*, 11(3), 555-576.
- McCalla, R., Slack, B., & Comtois, C. (2005). *The Caribbean basin: adjusting to global trends in containerization*. *Maritime Policy & Management*, 32(3), 245-261.
- Meng, Q., & Wang, S. (2011). *Liner shipping service network design with empty container repositioning*. *Transportation Research Part E: Logistics and Transportation Review*, 47(5), 695-708.
- Mohamed-Chérif, F., & Ducruet, C. (2016). *Regional integration and maritime connectivity across the Maghreb seaport system*. *Journal of Transport Geography*, 51, 280-293.
- Neuman, W. L. (2014). *Social Research Methods: Qualitative and Quantitative Approaches: Pearson New International Edition*. Pearson Education Limited.
- Nightingale, L. (2017), *Lloyd’s List. One Hundred Ports 2018*. Retrieved from <https://transportationstore.informa.com/wp-content>

- Nightingale, L. (2018), Lloyd's List. *One Hundred Ports 2018*. Retrieved from <https://transportationstore.informa.com/wp-content>
- Notteboom, T. E. (2004). *Container shipping and ports: an overview*. Review of network economics, 3(2).
- Notteboom, T. E., & Winkelmanns, W. (2001). *Structural changes in logistics: how will port authorities face the challenge?*. Maritime Policy & Management, 28(1), 71-89.
- Oishi, S. M. (2003). *How to conduct in-person interviews for surveys* (Vol. 5). Sage.
- Paflioti, P., Vitsounis, T. K., Tsamourgelis, I., & Bell, M. G. H. (2014, August). *Container seaports connectivity: a "concept" analysis*. In International Forum on Shipping, Ports and Airports (IFSPA) 2014: Sustainable Development in Shipping and Transport Logistics Hong Kong Polytechnic University.
- Phillips, L. W. (1981). *Assessing measurement error in key informant reports: A methodological note on organizational analysis in marketing*. Journal of Marketing Research, 18(4), 395-415.
- Rattray, J., & Jones, M. C. (2007). Essential elements of questionnaire design and development. Journal of clinical nursing, 16(2), 234-243.
- Rodrigue, J. P. (2017). *The geography of transport systems* New York: Routledge, 4<sup>th</sup> edn 440 pages. ISBN 978, 1138669574.
- Ross, K. N. (2005). *Quantitative research methods in educational planning*. International Institute for Educational Planning/Unesco. Retrieved from [www.unesco.org/iiep](http://www.unesco.org/iiep). [Accessed: 8th may 2014].
- Sekaran, U., & Bougie, R. (2016). *Research methods for business: A skill building approach*. John Wiley & Sons.
- Sigera, L. C. I. (2012). *The contribution of intangible resources to the post strategic co-operation success of container lines: perspectives of senior managers in agencies and regional offices* (Doctoral dissertation, University of Tasmania).
- Teng, J. Y., Huang, W. C., & Huang, M. J. (2004). *Multicriteria evaluation for port competitiveness of eight East Asian container ports*. Journal of Marine Science and Technology, 12(4), 256-264.
- Tongzon, J., & Heng, W. (2005). *Port privatization, efficiency and competitiveness: Some empirical evidence from container ports (terminals)*. Transportation Research Part A: Policy and Practice, 39(5), 405-424.
- Tovar, B., Hernández, R., & Rodríguez-Déniz, H. (2015). *Container port competitiveness and connectivity: The Canary Islands main ports case*. Transport Policy, 38, 40-51.
- UNCTAD, (2006), Transport Newsletter, various issues: <http://extranet.unctad.org/transportnews>
- UNCTAD, (2011), Trade and Development Report, *Review of maritime transport*. New-York-Geneva: UNCTAD Secretariat
- UNCTAD, (2013), Trade and Development Report, *Review of maritime transport*. New-York-Geneva: UNCTAD Secretariat.

- UNCTAD, (2014), Trade and Development Report, *Review of maritime transport*. New-York-Geneva: UNCTAD Secretariat.
- UNCTAD, (2016), Trade and Development Report, *Review of maritime transport*. New-York-Geneva: UNCTAD Secretariat.
- UNCTAD, (2017), Trade and Development Report, *Review of maritime transport*. New-York-Geneva: UNCTAD Secretariat.
- UNCTAD, (2019), Trade and Development Report, *Review of maritime transport*. New-York-Geneva: UNCTAD Secretariat.
- UNESCAP (2011), Trade Facilitation in Asia and the Pacific: *Which Policies and Measures affect Trade Costs the Most?* Bangkok 2011
- Vaus, D. D. (2002). *Surveys in social research* vol. New South Wales: Allen & Unwin, Sydney.
- Verhetsel, A., & Sel, S. (2009). *World maritime cities: From which cities do container shipping companies make decisions?*. *Transport Policy*, 16(5), 240-250.
- Visser, S. P., Krosnick, J. A. and Lavrakas, J. P. (2000), 'Survey Research', in *Handbook of Research Methods in Social and Personality Psychology*, eds. H. T. Reis & M. C. Judd, Cambridge University Press, New York.
- Wang, G. W., Zeng, Q., Li, K., & Yang, J. (2016). *Port connectivity in a logistic network: The case of Bohai Bay, China*. *Transportation Research Part E: Logistics and Transportation Review*, 95, 341-354.
- Wang, Y., & Cullinane, K. (2008). *Measuring container port accessibility: An application of the Principal Eigenvector Method (PEM)*. *Maritime Economics & Logistics*, 10(1-2), 75-89.
- Wang, Y., & Cullinane, K. (2014). *Traffic consolidation in East Asian container ports: a network flow analysis*. *Transportation Research Part A: Policy and Practice*, 61, 152-163.
- Wilmsmeier, G., & Hoffmann, J. (2008). *Liner shipping connectivity and port infrastructure as determinants of freight rates in the Caribbean*. *Maritime Economics & Logistics*, 10(1-2), 130-151.
- Wilmsmeier, G., & Sanchez, R. J. (2009). *The relevance of international transport costs on food prices: endogenous and exogenous effects*. *Research in Transportation Economics*, 25(1), 56-66.
- Wilmsmeier, G., Hoffmann, J., & Sanchez, R. J. (2006). *The impact of port characteristics on international maritime transport costs*. *Research in transportation economics*, 16, 117-140.
- Wilmsmeier, G., Martinez-Zarzoso, I., & Fiess, N. (2010). *Regional hub port development: The case of Montevideo, Uruguay* (No. 203). Discussion papers, Ibero America Institute for Economic Research.
- Wilson, J. (2014). *Essentials of business research: A guide to doing your research project*. Sage.
- Wimmer, R. D., & Dominick, J. R. (2006). *Mass media research: An introduction* 8th ed. Belmont, CA: Thomson Higher Education.

Yeo, G. T., Roe, M., & Dinwoodie, J. (2008). *Evaluating the competitiveness of container ports in Korea and China*. *Transportation Research Part A: Policy and Practice*, 42(6), 910-921.

Yeo, G. T., Roe, M., & Dinwoodie, J. (2011). *Measuring the competitiveness of container ports: logisticians' perspectives*. *European Journal of Marketing*, 45(3), 455-470.

Zarzoso, IM, & Hoffmann, J. (2007). *Transport costs and connectivity in international trade between the European Union and Latin America*. *ICE, Journal of Economics* , (834).

Zikmund, W. G. (2010). *Business Research Method*. Thomson South-Western, USA.