



STEFANO DE CANTIS

Short Curriculum Vitae, June 2015

CONTACT INFORMATION

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ACADEMIC POSITIONS

2006 – .Associate Professor of Social Statistics, Department of Economics, Business and Statistics –
Faculty of Economics – University of Palermo.

2002 – 2006. Assistant Professor in Social Statistics, Department of Quantitative Methods for Human
Sciences – Faculty of Economics – University of Palermo.

EDUCATION

1998 – 2000. Ph.D. in Applied Statistics, University of Palermo.

1987 – 1992 B.A. University of Bari.

Majors: Statistical and Economic Sciences.

RESEARCH INTERESTS

Categorical data analysis; Social indicators; Service quality evaluation; Multidimensional methods for
statistical sciences, Sampling for Social Sciences; Tourism Statistics, Seasonality in tourism, GPS
tracking data and related methods

TEACHING ACTIVITIES

Member of the doctoral program (Phd) in Tourism Sciences, University of Palermo (Italy)

Member of the doctoral program (Phd) in Economics, University of Messina (Italy) (in collaboration
with University of Palermo; University of Catania; University of Catanzaro; University of
Reggio Calabria)

Graduate courses: Statistical methods for the evaluation of services, Social Statistics for
environment and territory; Tourism statistics; Multivariate statistical methods and applications

Further teaching activities

Visiting Professor at the University of Dubrovnik (Croatia) – in April - May, 2013 and in September - October,
2013

RESEARCH PROJECTS (Selected)

2007-2009 Member of the Relevant National Interest Project (PRIN) on the "Analysis of tourist mobility at subregional level, in Sicily and Sardinia". Coordinator: P.I.: Prof. Franco Vaccina (€ 129,000)

2003-2005 Member of the Relevant National Interest Project (PRIN) on the "Analysis of unobserved tourism in Aeolian Islands and Cefalù" P.I.: Prof. Franco Vaccina (€ 195,000)

Editorial activities

- Member of the Editorial Board of the McGraw.Hill (Milan) Book Series in "Tourism Sciences"
- Co-director of the CLEUP (Padua) Book series on "Statistical studies for tourism"
- Editorial board member of International Journal of Digital Culture and Electronic Tourism (<http://www.inderscience.com/jhome.php?jcode=ijdcet>)
- Member of Editorial Board of our journal Economic Thought and Practice (<http://hrcak.srce.hr/emp?lang=en>)

He reviewed papers for peer reviewed journal:

- Mathematical Problems in Engineering (<http://www.hindawi.com/journals/mpe/>);
- African Journal of Business management (<http://www.academicjournals.org/journal/AJBM>) ;

Further research activities

He has cooperated to and directed many research projects, some of which financed by the EU:

- Has cooperated to several researches of the ESAF Department of the University of Palermo, supported by POP Sicilia 94-99 and POM 94-99, funds.
- Member of the Local Palermo Unit within the PRIN (Project of Relevant National Interest) 2003-05 and 2007-09 Programmes: "Methods and Techniques for the Statistical Evaluation of Hidden Tourism: the Sicilian Touristic Market" and "Mobility of regional incoming tourism. Social and economic aspects of behaviours and motivations"

Scheduled next publications

De Cantis S., Oliveri A.M., Vaccina F. (Eds.) (forthcoming 2014), *Advanced Quantitative Methods for Tourism*, Springer, Heidelberg.

S. De Cantis will be the Author (or co-Author) of the following chapters:

- CHAPTER 2 Unobserved tourism: the Trip/Arrival model (De Cantis S., Ferrante M., Parroco A.M., Vaccina F.)
- CHAPTER 3 Sampling tourists (De Cantis S., Ferrante M., Oliveri A.M.)
- CHAPTER 5 Investigating tourists over time. Measuring the seasonality of tourism demand: from simple measures to complex models (De Cantis S., Ferrante M.)
- CHAPTER 6 Investigating tourists over space. The analysis of travel itineraries: current issues and future challenges (De Cantis S., Ferrante M., Calò P.)

De Cantis S, Ferrante M. (forthcoming) "Seasonality and Tourism (overview of concept and impact on travel and tourism))" recommended for publication in *The SAGE International Encyclopedia of Travel and Tourism*, Lowry L., Golson J. G. (Eds.). Sage

De Cantis S, Abbruzzo A. (forthcoming) "Tourism Statistics (Data) Sources (overview of types of information available and from whom along with URLs)" recommended for publication in *The SAGE International Encyclopedia of Travel and Tourism*, Lowry L., Golson J. G. (Eds.). Sage

MAIN TOURISM-RELATED PUBLICATIONS (2008--)

1. De Cantis S, Ferrante M. (forthcoming) "Survey method, tourism" accepted for publication in Encyclopedia of Tourism, Jafari J., Xiao H. (Eds.) Frankfurt: Springer
2. De Cantis S, Ferrante M. (forthcoming) "Multidestination trip" accepted for publication in Encyclopedia of Tourism, Jafari J., Xiao H. (Eds.) Frankfurt: Springer
3. De Cantis S., Ferrante M. Birenboim A. Shoval N. (forthcoming) "Cruise passengers behavior at the destination: investigation using gps technology" accepted for publication in Tourism Management
4. De Cantis S., Parroco A.M., Ferrante M. Vaccina F. (2015) Unobserved tourism, *Annals of Tourism Research*, 50, pp.1-18.
5. De Cantis S, Ferrante M (2014) Tourism statistics for destination management: the Trips/Arrivals model. In: Crescenzi F, Mignani S, (eds) Selected Issues in Statistical Methods and applications in an Historical Perspective. *Studies in Theoretical and Applied Statistics. STUDIES IN THEORETICAL AND APPLIED STATISTICS*, BERLIN HEIDELBERG:Springer-Verlag.
6. Oliveri Antonino Mario, De Cantis Stefano (eds), *Analysing Local Tourism: a Statistical Perspective*. Maidenhead (UK):McGraw-Hill Education , ISBN: 9780077161002
7. Oliveri Antonino Mario, De Cantis S (2013). Quantifying Local Tourism at the Aeolian Islands and Cefalù: the Research Design. In: Oliveri Antonino Mario, De Cantis Stefano (eds), *Analysing Local Tourism: a Statistical Perspective*. p. 25-51, Maidenhead (UK):McGraw-Hill Education , ISBN: 9780077161002
8. Ferrante Mauro, De Cantis S (2013). Indirect Measurement of Unobserved Tourism. The Municipal Solid Waste (MSW) as an Indicator of Human Pressure. In: Oliveri Antonino Mario, De Cantis Stefano (eds), *Analysing Local Tourism: a Statistical Perspective*. p. 73-86, Maidenhead (UK):McGraw-Hill Education , ISBN: 9780077161002
9. De Cantis S, Ferrante Mauro (2013). The Sampling Design of the Survey on Incoming Tourism in Sicily: a TLS Approach. In: Oliveri Antonino Mario, De Cantis Stefano (eds) *Analysing Local Tourism: a Statistical Perspective*. p. 171-185, Maidenhead (UK):McGraw-Hill Education , ISBN: 9780077161002
10. De Cantis S, Ferrante Mauro (2013). The Implementation and Main Results of the TLS Design in a Survey on Incoming Tourism in Sicily. In: Oliveri Antonino Mario, De Cantis Stefano (eds), *Analysing Local Tourism: a Statistical Perspective*. p. 255-267, Maidenhead (UK):McGraw-Hill Education , ISBN: 9780077161002
11. De Cantis S, Ferrante M (2012). Border surveys and Time Location Sampling (TLS): an application on incoming tourism in Sicily. In: *Proceedings of the XLVI Scientific Meeting*. p. 001-004, PADOVA:CLEUP.
12. Parroco AM, Vaccina F, De Cantis S, Ferrante M (2012). Multi-destination Trips: A Survey on Incoming Tourism in Sicily. *ECONOMICS*, vol. 21, p. 001-018.
13. Sarà G, Milanese M, Prusina I, Sarà A, Angel DL, Glamuzina B, Nitzan T, Freeman S, Rinaldi A, Palmeri V, Montalto V, Lo Martire M, Gianguzza P, Arizza V, Lo Brutto S, De Pirro M, Helmuth B, Jason Murray, De Cantis S, Williams GA (2012). The impact of climate change on Mediterranean intertidal communities: losses in coastal ecosystem integrity and services.. *REGIONAL ENVIRONMENTAL CHANGE*, p. 1-13
14. Parroco AM, Vaccina F, De Cantis S, Ferrante M (2012). Multi-destination trips and tourism statistics: empirical evidences in Sicily . *ECONOMICS*, vol. 6, p. 1-26

15. Vaccina F, Parroco AM, De Cantis S., Ferrante m. (2011). Un-observed tourism: approaches and case studies in Sicily. In: TTRA Europe 2011 and AFM conference "Creativity and innovation in tourism". Technopole d'Archamps, 11-13 Aprile 2011
16. De Cantis S, Ferrante M, Vaccina F (2011). Seasonal pattern and amplitude: a logical framework to analyse seasonality in tourism. An application to bed occupancy in Sicilian hotels. *TOURISM ECONOMICS*, vol. 17, p. 655-675 doi: 10.5367/te.2011.0055
17. De Cantis S, Scuderi F (2011). A note on the calibration of the tourists mobility in Sicily and Sardinia. In: Asero V; D'Agata R; Tomaselli V. *Turisti per caso?... Il turismo sul territorio: motivazioni e comportamenti di spesa*. p. 35-40, ACIREALE-ROMA:Bonanno
18. De Cantis S, Ferrante M (2011). The probabilities of selection of first and second stage units in the Time Location Sampling (TLS) design on incoming tourism in Sicily and Sardinia. In: Asero V; D'Agata R; Tomaselli V. *Turisti per caso?... Il turismo sul territorio: motivazioni e comportamenti di spesa..* p. 27-33, ACIREALE-ROMA:Bonanno
19. De Cantis S, Ferrante M (2011). Measuring Seasonality: Performance of Accommodation Establishments in Sicily through the analysis of Occupancy Rates. In: Álvaro M; Nijkamp P; Sarmiento M. *Tourism Economics. Impact Analysis*. p. 261-280, Germany:Physica-Verlag, A Springer Company,
20. De Cantis S, Ferrante M (2011). Tourism statistics for local planning: challenges and proposals. In: *Statistics in the 150 years from Italian Unification*. Bologna, 8 - 10 June 2011
21. De Cantis S, Gonano G, Scalone F, Vaccina F (2010). Il disegno campionario e il piano di rilevazione nell'indagine sui turisti incoming in partenza dalla Sicilia e dalla Sardegna: il campionamento spazio-temporale per popolazioni hard to reach. In: Parroco A M; Vaccina F. *Mobilità e altri comportamenti dei turisti: studi e ricerche a confronto*. p. 21-46, MILANO:The McGraw-Hill Companies,
22. De Cantis S, Vaccina F (2010). Pluralità, localizzazione e durata dei soggiorni nei viaggi effettuati dai turisti incoming in Sicilia: il processo di calibrazione delle stime. In: *Mobilità del turismo regionale incoming Aspetti socio-economici dei comportamenti e delle motivazioni*. Palermo, 4-5 novembre 2010, p. 19, Palermo:Casa Editrice Antipodes
23. De Cantis S, Vaccina F (2008). Il ruolo dello statistico sociale nel turismo: dalle statistiche sul turismo alle statistiche per il turismo. In: IEZZI D.F. (eds.) *Nuovi profili formativi per professionalità avanzate nel turismo. FORMAZIONE E LAVORO*, vol. 4, p. 41-72, PADOVA:CLEUP
24. De Cantis S, Ferrante M (2008). Seasonality in tourism: a critical review of its main measures. In: *First Joint Meeting of the Société Francophone de Classification and the Classification and Data Analysis Group of the Italian Statistical Society*. Book of short papers. p. 265-268, NAPOLI:Edizioni Scientifiche Italiane
25. De Cantis S, Oliveri A.M (eds) (2008). *Analisi dei mercati turistici regionali e sub-regionali*. Convegno conclusivo del PRIN 2003-05. vol. 5, p. 001-193, PADOVA:CLEUP