

Sergio Venturini

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Business Data Analytics

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Biography

Sergio Venturini is an Affiliate Professor in the Knowledge Group of Decision Sciences & Business Analytics at SDA Bocconi School of Management. At SDA, he was a member of the Claudio Demattè Research Division Committee from 2006 to 2008. At present, he is a faculty member of the following programs: Master in Business Administration (MBA), Master in Corporate Finance (MCF), Master of International Healthcare Management Economics and Policy (MIHMEP), Master in Public Management (MPM).

He has been a Lecturer at the Department of Decision Sciences at Università Bocconi.

His research activities focus on business analytics, statistical methods for quality assurance and public health data analysis.

He is the author of numerous books and articles on his topics of interest. His works have been published in Annals of Applied Statistics, Cancer Biology & Therapy, Clinical Drug Investigation and Breast Cancer Research and Treatment, among others.

He has conducted research and education projects with major enterprises operating in the food industry.

He was a Visiting Scholar at Harvard School of Public Health and Johns Hopkins Bloomberg School of Public Health.

Sergio earned a degree in Financial Markets and Institutions and a Ph.D. in Statistics both from Università Bocconi.

Teaching domains

Big & Small Data

Descriptive Analytics

Predictive Analytics

Time Series Analysis

Financial Modelling

ARTICLES IN SCHOLARLY JOURNALS

CHIARINI A., GRANDO A., VENTURINI S., BORGONOVO E.

Do automation and AI impact on job reduction? A study on perceived risk of losing job among white-collars in the Italian manufacturing companies

Production Planning & Control, 2023, pp.1-14

VENTURINI S., BONETTI M., LAZAR A. A., COLE B. F., WANG X., GELBER R. D., YIP W.

Subpopulation Treatment Effect Pattern Plot (STEPP) Methods with R and Stata

Journal of Data Science, 2022, pp.1-21

SCHETTINI F., GIULIANO M., GIUDICI F., CONTE B., DE PLACIDO P., VENTURINI S., ROGNONI C., DI LEO A., LOCCI M., JERUSALEM G., DEL MASTRO L., PUGLISI F., CONTE P., DE LAURENTIIS M., PUSZTAI L., RIMAWI M. F., SCHIFF R., ARPINO G., DE PLACIDO S., PRAT A., GENERALI D.

Endocrine-Based Treatments in Clinically-Relevant Subgroups of Hormone Receptor-Positive/HER2-Negative Metastatic Breast Cancer: Systematic Review and Meta-Analysis

Cancers, 2021, vol.13, no. 6, pp.1458

VENTURINI S., PICCARRETA R.

A Bayesian Approach for Model-Based Clustering of Several Binary Dissimilarity Matrices: The Package in

Journal of Statistical Software, 2021, vol.100, no. 16, pp.1-35

MARRA A., GENERALI D., ZAGAMI P., CERVONI V., GANDINI S., VENTURINI S., MORGANTI S., PASSERINI R., ORECCHIA R., CURIGLIANO G.

Seroconversion in patients with cancer and oncology health care workers infected by SARS-CoV-2

Annals of Oncology, 2021, vol.32, no. 1, pp.113-119

SCHETTINI F., GIUDICI F., GIULIANO M., CRISTOFANILLI M., ARPINO G., DEL MASTRO L., DE PLACIDO S., PUGLISI F., VENTURINI S., PARIS I., DE PLACIDO P., DE LAURENTIS M., CONTE P., JURIC D., LLOMBART-CUSSAC A., PUSZTAI L., PRAT A., JERUSALEM G., DI LEO A., GENERALI D.

Overall survival of CDK4/6-inhibitors-based treatments in clinically relevant subgroups of metastatic breast cancer: systematic review and meta-analysis

JNCI: Journal of the National Cancer Institute, 2020, vol.112, no. 11, pp.1089-1097

GRAZIANI R., VENTURINI S.

A Bayesian approach to discrete multiple outcome network meta-analysis

Plos One, 2020, vol.15, no. 4, pp.e0231876

GIULIANO M., ROGNONI C., SCHETTINI F., MILANI M., JERUSALEM G., BACHELOT T., DE LAURENTIIS M., THOMAS G., DE PLACIDO P., ARPINO G., DE PLACIDO S., CRISTOFANILLI M., GIORDANO A., PUGLISI F., PISTILLI B., PRAT A., DEL MASTRO L., VENTURINI S., GENERALI D.

Endocrine treatment versus chemotherapy in postmenopausal women with hormone receptor-positive, HER2-negative, metastatic breast cancer: a systematic review and network meta-analysis

The Lancet Oncology, 2019, vol.20, no. 10, pp.1360-1369

VENTURINI S., MEHMETOGLU M.

plssem: A Stata Package for Structural Equation Modeling with Partial Least Squares

Journal of Statistical Software, 2019, vol.88, no. 8, pp.1-35

MILANI M., VENTURINI S., BONARDI S., ALLEVI G., STRINA C., CAPPELLETTI M., CORONA S., AGUGGINI S., BOTTINI A., BERRUTI A., JUBB A., CAMPO L., HARRIS A., GATTER K., FOX S., GENERALI D., ROVIELLO G.

Hypoxia-related biological markers as predictors of epirubicin- based treatment responsiveness and resistance in locally advanced breast cancer

Oncotarget, 2017, vol.8, no. 45, pp.78870-78881

VENTURINI S., MYERS J., DOMINICI F., MORLOCK L.

Random Effects Models for Identifying the Most Harmful Medication Errors in a large, voluntary reporting database

Annals of Applied Statistics, 2017, vol.11, no. 2, pp.504-526

ROVIELLO G., ANDRE F., VENTURINI S., PISTILLI B.

Response rate as a potential surrogate for survival and efficacy in patients treated with novel immune checkpoint inhibitors: a meta-regression of randomised prospective studies

European Journal of Cancer, 2017, vol.86, pp.257-265

ROGNONI C., VENTURINI S., MEREGAGLIA M., MARMIFERO M., TARRICONE R.

Efficacy and safety of ferric carboxymaltose and other formulations in iron deficiency patients: a systematic review and network meta-analysis of randomized controlled trials

Clinical Drug Investigation, 2016, vol.36, pp.177-194

ROVIELLO G., ZANOTTI L., VENTURINI S., BOTTINI A., GENERALI D.

Role of targeted agents in neuroendocrine tumours: Results from a meta-analysis

Cancer Biology & Therapy, 2016, vol.17, no. 9, pp.883-888

VENTURINI S., GENERALI D., ROGNONI C., CIANI O., PUSZTAI L., LOI S., JERUSALEM G., BOTTINI A., TARRICONE R.

A Network Meta-Analysis of Everolimus Plus Exemestane Versus Chemotherapy in the First- and Second-Line Treatment of Estrogen Receptor-Positive Metastatic Breast Cancer

Breast Cancer Research and Treatment, 2015, vol.152, no. 1, pp.95-117

BAZZOLA L., VENTURINI S., FORONI C., ANDREIS D., ZANONI V., R CAPPELLETTI M., ALLEVI G., AGUGGINI S., STRINA C., MILANI M., FERROZZI F., GIARDINI R., BERTONI R., TURLEY H., GATTER K., PETRONINI P. G., FOX S. B., HARRIS A. L., MARTINOTTI M., BERRUTI A., BOTTINI A., REYNOLDS A. R., GENERALI D.

Combination of letrozole, metronomic cyclophosphamide and sorafenib is well-tolerated and shows activity in patients with primary breast cancer

British Journal of Cancer, 2015, vol.112, no. 1, pp.52-60

VENTURINI S., DOMINICI F., PARMIGIANI G.

Generalized Quantile Treatment Effect: A Flexible Bayesian Approach Using Quantile Ratio Smoothing

Bayesian Analysis, 2015, vol.10, pp.523-552

FORONI C., MILAN M., STRINA C., CAPPELLETTI M., FUMAROLA C., BONELLI M., BERTONI R., FERRERO G., MALDOTTI M., TAKANO E., ANDREIS D., VENTURINI S., BRUGNOLI G., PETRONINI P., ZANONI V., PRITZKER L., PRITZKER K., PARISENTI A., SANTINI D., FOX S., BOTTINI A., GENERALI D.

Pure anti-tumor effect of zoledronic acid in naïve bone-only metastatic and locally advanced breast cancer: proof from the "biological window therapy"

Breast Cancer Research and Treatment, 2014, vol.144, no. 1, pp.113-121

ARBORE A., GRAZIANI R., VENTURINI S.

Understanding personal mobile technologies: decomposing and de-averaging the value of a smartphone

The Journal of Information Systems, 2014, vol.28, no. 1, pp.167-185

CARNEVALE C., MAZZUCA M., VENTURINI S.

Corporate Social Reporting in European Banks: The Effects on a Firm's Market Value

Corporate Social Responsibility and Environmental Management, 2012, vol.19, no. 3, pp.159-177

DAMIA G., BROGGINI M., MARSONI S., VENTURINI S., GENERALI D.

New Omics Information for Clinical Trial Utility in the Primary Setting

Journal of the National Cancer Institute, 2011, no. 43, pp.128-133

CONSONNI G., MORENO E., VENTURINI S.

Testing Hardy-Weinberg equilibrium: An objective Bayesian analysis

Statistics in Medicine, 2011, vol.30, no. 1, pp.62-74

CARNEVALE C., VENTURINI S., MAZZUCA M.

La value relevance del bilancio sociale: il caso delle banche europee

Economia Aziendale, 2010, vol.1, no. 2, pp.93-110

VENTURINI S., DOMINICI F., PARMIGIANI G.

Gamma Shape Mixtures for Heavy-Tailed Distributions

Annals of Applied Statistics, 2008, vol.2, no. 2, pp.756-776

BOF F., VENTURINI S.

La valutazione delle performance sportive: il progetto FCI (Fabio Capello Index)

Rivista di Diritto ed Economia dello Sport, 2008, vol.5, no. 3, pp.69-92

VENTURINI S., DELLA SETA M., BELLI A.

Un cruscotto di indicatori per il monitoraggio della qualità realizzata

Economia & Management, 2006, no. 5, pp.42-46

D'AMBROSIO M. P., ANZANI F., VENTURINI S.

Design for Six Sigma e simulazione monte carlo: problematiche di implementazione nella tolerance analysis

Economia & Management, 2005, no. 3, pp.39-44

RESEARCH MONOGRAPHS

MEHMETOGLU M., VENTURINI S.

Structural Equation Modelling with Partial Least Squares Using Stata and R

CRC Press – Taylor & Francis Group, Boca Raton, FL, United States of America, 2021

EDITED BOOKS

VENTURINI S. (ED.)

Statistica per manager

Egea, Milano, Italy, 2010

VENTURINI S. (ED.)

Empirical processes: theory and applications

Università Commerciale Luigi Bocconi, Milano, Italy, 2005

CASES IN INTERNATIONAL CASE COLLECTIONS

STABILINI G., VENTURINI S.

Premium Spirits Supply Chain Management: Pernod Ricard Italia

2017, The Case Centre, Great Britain

PROCEEDINGS/PRESENTATIONS

VENTURINI S., PICCARRETA R., BONETTI M.

Clustering-based measurement of dependence

6th Scientific Meeting of the CLADAG of the Italian Statistical Society - 12-14 September 2007, Macerata, Italy

RESEARCH NOTES OR SHORT ARTICLES IN JOURNALS

VENTURINI S., DELLA SETA M.

Gestione e ottimizzazione dei processi di produzione attraverso la statistica

2002, Economia & Management, Milano, Italy

VENTURINI S.

L'approccio neurale al Data Mining

2001, Economia & Management, Milano, Italy

Grants & Honors

Best Teaching Award - Undergraduate School - Università Commerciale Luigi Bocconi , 2019
