Massimiliano Russo

University of Padova
Department of Statistical Sciences
Via Cesare Battisti 241
35121, Padova

Email: russo@stat.unipd.it
Homepages: http://www.stat.unipd.it/fare-ricerca/russo-massimiliano
            https://rmassimiliano.github.io

Current position

PhD student in Statistical Sciences, *University of Padova, Dept. of Statistical Sciences*, Padova, under the supervision of prof. Bruno Scarpa.

Education

2013–2015   **Master in Statistical Sciences**, *University of Padova, Dept. of Statistical Sciences*, *Final Mark:* 110/110 cum laude,
Thesis: *Olfactory perception differences in Italian regions: a nonparametric Bayesian approach to tensor factorization*.
Advisor: Bruno Scarpa; Co-advisor: Giancarlo Ottaviano

2009 – 2013   **Bachelor in Statistical and Actuarial sciences**, *Università degli studi del Sannio, Benevento, Final Mark:* 110/110 cum laude,
Thesis: *Multivariate robust estimation*.
Advisor: Luca Greco

Academic experience

Published   **Russo, M., Durante, D. & Scarpa, B.**, *Bayesian Inference on Group Differences in Multivariate Categorical Data*, Computational Statistics & Data Analysis. 126, 136-149, 2018.

Cantone E., Ciofalo A.,Vodicka J., Iacono V., Mylonakis I., Scarpa B., Russo M.,Iengo M., de Vincentiis M., Martini A. and Ottaviano G., *Pleasantness of olfactory and trigeminal stimulants in different Italian regions.*, European Archives of Oto-Rhino-Laryngology, 1–7, 2017.

Russo, M., *Detecting Group Differences in Multivariate Categorical Data*, Proceedings the Italian Statistical Society, Firenze University Press, 2017.

Under review   **Cabassi, A., Casa, A., Fontana, M., Russo, M., and Farcomeni, A.**, *Three testing perspectives on connectome data*.

Presentations   **Multivariate mixed membership modeling: Inferring domain-specific risk profiles**, *IBC2018*, Barcellona, Spain, July 10, 2018, (Contributed talk).

Multivariate mixed membership modeling: Inferring domain-specific risk profiles, *ISBA2018*, Edinburgh, United Kingdom, June 29, 2018, (Poster).

A multivariate mixed membership model for malaria risk detection, *Obayes2017*, Austin, Texas, December 11, 2017, (Poster).

Detecting Group Differences in Multivariate Categorical Data, *SIS2017*, Florence, Italy, June 28, 2017, (Poster).

Bayesian Inference on Group Differences in Multivariate Categorical Data, *COBAL V*, Cimat, Guanajuato, Mexico, June 8, 2017, (Contributed talk).

Bayesian Inference on Group Differences in Multivariate Categorical Data, *ISBA2016*, Sardinia, Italy, June 16, 2016, (poster).

Teaching **Parallel Computing for big data analysis**, *16 & 23 March 2018*, Didactic conference during the course statistical methods for big data analysis of Prof. Bruno Scarpa, University of Padova, Dept. of Statistical Sciences, Padova, Italy.

Research interests Bayesian nonparametrics, Tensor Factorization, Hierarchical models, Models for Latent Variables, Machine Learning and Data Mining, Computational Statistics.

Memberships Italian Statistical Society (SIS).

International Society for Bayesian Analysis (ISBA).

International Biometric Society (IBS).

Awards

Young researcher travel award ISBA2018, Edinburgh, United Kingdom

Young researcher travel award ISBA2016, Sardinia, Italy

Work experience

Oct. 2014 – Jul. 2015 **Tutor**, *University of Padua, Dept. of Statistical Sciences*, Padova.
Small lectures and homework assistance for undergraduate/graduate students.

Study visits

Nov. 2016 – June 2017 **Visiting Research Scholar**, *Duke University, Department of Statistical Science*,
Sept. 2017 – Mar. 2018 Durham, NC, USA, under the supervision of prof. David B. Dunson.

Languages

Italian: native; English: fluent; French: basic; Spanish: basic

Computing skills

Programming languages R (advanced) practice of Rcpp, plyr/dplyr, ggplot2, shiny libraries, C/C++,JAVA, Python, Julia, Matlab.

Operative System Linux (Fedora/Ubuntu), Windows, OSX and relative softwares.

Software SPSS, PSPP, Office, SQL/MYSQL,BUGS/JAGS/STAN.

Other Practice of LaTeX, Sweave, Knitr, Markdown.

11 September 2018