

Dr. B.G. Manjunath

Curriculum Vitae

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WORK EXPERIENCE

CURRENT, FROM MAR. 2017 (FT)
School of Mathematics and Statistics, University of Hyderabad
Assistant Professor

MAR 2014 – JAN 2017 (FT)
Dell International Services Private Limited, DGA
Business Analysis Advisor

APR 2007 – OCTOBER 2010
University of Siegen, Siegen, Germany
Research Associate
Under Prof.Dr.R.-D. Reiss, University of Siegen, Siegen

AWARDS

2009 Deutschen Akademischen Austausch Dienstes (DAAD)
in Programm STIBET-Doktoranden

PROJECTS

ONGOING Conditional Specified Relative Models
Institute of Eminence (IoE), UoH-IoE-RC2-21-013

2011–2014 FRH/BPD/72184/2010
University of Lisbon, Lisbon, Portugal

2011–2014 EXTREMES IN TODAY'S WORLD
University of Lisbon, Lisbon, Portugal

BOOKS/BOOK CHAPTER

Prabhanjan Tattar, Suresh Ramaiah and **B.G. Manjunath**. A Course in Statistics With R. John Wiley and Sons, 2016.

Gomes, M.I., Caeiro, F., Henriques-Rodrigues, L. & **B.G. Manjunath** (2015), Bootstrap methods in statistics of extremes. In Longin, F. (ed.), Handbook of Extreme Value Theory and Its Applications to Finance and Insurance, Handbook Series in Financial Engineering and Econometrics (Ruey Tsay Adv. Ed.), John Wiley and Sons, 2016.

R CONTRIBUTIONS

R Contributions Contributing to multivariate truncated normal and Student-t (tmvtnorm) R online package.

Author and maintainer of evto: Mean of order p, peaks over random threshold Hill and high quantile estimates, R online package.

WORKING ARTICLES

Barry C. Arnold, Sachin Sachdeva & **B.G. Manjunath**. (2023), Some power function distribution processes. (Submitted)

EDUCATION

2007 – 2010 **Doctor of Philosophy**
EXTREMAL DISCRIMINANT ANALYSIS
Supervisor: Prof. Dr. R.-D. Reiss
University of Siegen, Siegen, Germany

2003–2005 **Master of Science**
Statistics
Department of Statistics, Bangalore University

2000 – 2003 **Bachelor of Science**
Computer Science, Mathematics, Statistics
Bangalore University

POST-DOC

2011 – 2014 **Foundation of Science and Technology**
FRH/BPD/72184/2010; FCT/PTDC/MAT/101736/2008
Supervisor: Prof. Dr.M.I. Gomes
University of Lisbon, Lisbon, Portugal

2010–2011 **Visiting Scientist**
Supervisor: Prof.Dr.K.R. Parthasarathy
Indian Statistical Institute, Delhi Centre

PUBLICATIONS

Barry C. Arnold and **B.G. Manjunath**. (2023), Bivariate distributions with equidispersed normal conditionals and related models, *Metrika* (Accepted).

Barry C. Arnold and **B.G. Manjunath**. (2023), Pseudo Poisson distributions with concomitant variables, *Math. Comput. Appl.*, In special issue on Statistical Inference in Linear Models (invited contribution).

Barry C. Arnold, Banoth Veeranna, **B.G. Manjunath** & B. Shobha. (2022), Bayesian inference for Pseudo-Poisson data, *Journal of Statistical Computation and Simulation*, 93:6, 904-931.

Barry C. Arnold and **B.G. Manjunath**. (2021), On Characterizing Classical Bivariate Normality via Regression Functions. *Asian Journal of Statistical Sciences*, vol. 1(2), 75-82.

Barry C. Arnold and **B.G. Manjunath**. (2021), Statistical Inference for distributions with one Poisson conditional. *Journal of Applied Statistics*, 48, 2306-2325.

B.G. Manjunath and Stefan Wilhelm. (2021), Moments Calculation for the Doubly Truncated Multivariate Normal Density, *Journal of Behavioral Data Science*, 2021, 1:1, 1-17.

Barry C. Arnold and **B.G. Manjunath**. (2020), All conditional distributions for Y given X that are compatible with a given conditional distribution for X given Y, *Sankhya A*, 84, 419-426.

Banoth Veeranna, **B.G. Manjunath** & B. Shobha. (2022), Goodness of fit tests for the pseudo-Poisson distribution. (Submitted).

Barry C. Arnold and **B.G. Manjunath**. (2013). Some remarks on normal conditionals and normal projections. 18th European Young Statistician Meeting.

Henriques-Rodrigues, L., Gomes, M.I. & **B.G. Manjunath**. (2016), Mean-of-order-p location-invariant extreme value index estimation. *REVSTAT - Statistical Journal*, vol. 14:3, 273–296.

Henriques-Rodrigues, L., Gomes, M.I. & **B.G. Manjunath**. (2015), Estimation of a scale second-order parameter related to the PORT methodology. *Journal of Statistical Theory and Practice* 9:3, 571–599. Gomes, M.I., Henriques-

Rodrigues, L., Fraga Alves, M.I. & **B.G. Manjunath**. (2013). Adaptive PORT-MVRB estimation: an empirical comparison of two heuristic algorithms. *J. Statist. Comput. and Simul.* 83:6, 1129–1144.

B.G. Manjunath and K.R. Parthasarathy. (2012), A note on gaussian distributions in R^n , *Proceedings - Mathematical Sciences*, 122:4, 635–644.

B.G. Manjunath, Melanie Frick & R.-D. Reiss. (2012), Some notes on extremal discriminant analysis. *Journal of Multi. Analysis*, 103:1, 107–115.

Stefan Wilhelm and **B.G. Manjunath**. (2010), *tmvtnorm*: A Package for the Truncated Multivariate Normal Distribution. *The R Journal*, 2:1, 25–29.