

Said Farooq Shah

Department of Statistics
University of Peshawar
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Current Position

University of Peshawar, Peshawar, Pakistan
Lecturer, Department of Statistics, October 2016-Present

Education

Quaid-i-Azam University, Islamabad, Pakistan

1. PhD, Statistics, November 2019
Dissertation: "Topics in Qualitative Randomized Response Modeling"
Supervisor: Prof. Dr. Zawar Hussain
Foreign Reviewers: (i) Prof. Dr. Winfried Stute, and (ii) Prof. Dr. Pranesh Kumar
Local Reviewers: (i) Prof. Dr. Muhammad Aslam, and (ii) Dr. Tahir Mehmood
2. MPhil, Statistics, December 2013
Dissertation: "The Weibull Distribution for Paired Comparison Modeling and the Bayesian Analysis of Developed Model"
3. MSc, Statistics, 2011

University of Malakand, Chakdara, KP, Pakistan

BSc, Major: Computer Science, Mathematics, Statistics, 2008

Scholarly Publications

1. Aslam, M., Hussain, Z., Asghar, Z., & **Shah, S. F.** (2020). A Modified T-X family of distributions: Classical and Bayesian analysis. *Journal of Taibah University of science*.
2. Aslam, M., Hussain, Z., Asghar, Z., & **Shah, S. F.** (2020). A new generator for proposing flexible lifetime distributions and its properties. *PLOS-ONE*
3. **Shah, S. F.**, Cheema, S. A., Hussain, Z., & Shah, E. A. (2020). Masking data: a solution to social desirability bias in paired comparison experiments. *Communications in Statistics-Simulation and Computation*, 1-19.
4. **Shah, S. F.**, & Hussain, Z. (2019). An Application of Hermite Distribution in Sensitive Surveys. *Journal of Statistical Theory and Applications*, 18(4), 361-366.
5. **Shah, S. F.**, Hussain, Z., & Cheema, S. A. (2019). Combining answers to direct and indirect questions: An implementation of Kuk's randomized response model. *Communications in Statistics-Theory and Methods*, 1-17.

6. ASMAT, A., ALI, U., & **SHAH, S. F.** (2017). Permissive parenting style of parents predicting psychopathology in their children. *Journal of Pakistan Psychiatric Society*, 14(1).
7. Pervez, Z., **Shah, S. F.**, Hussain, Z., & Philippou, A. N. (2017). An application of negative binomial distribution of order k in sensitive surveys. *Communications in Statistics-Simulation and Computation*, 46(8), 6654-6660.
8. Hussain, Z., Shabbir, J., Pervez, Z., **Shah, S. F.**, & Khan, M. (2017). Generalized geometric distribution of order k: A flexible choice to randomize the response. *Communications in Statistics-Simulation and Computation*, 46(6), 4708-4721.
9. Hussain, Z., Pervez, Z., **Shah, S. F.**, & Shabbir, J. (2015). Estimation of sensitive proportion using moment generating. *Science International*, 27(4).
10. Ahmad, I., **Shah, S. F.**, Mahmood, I., & Ahmad, Z. (2013). Modeling of monsoon rainfall in Pakistan based on Kappa distribution. *Sci. Int.(Lahore)*, 25(2), 333-336.

Teaching Experience

Federal Urdu University of Science and Technology, Islamabad, Pakistan

Visiting Lecturer, 2015

FAST National University of Emerging Sciences, Islamabad, Pakistan

Visiting Lecturer, 2016

Riphah International University, Islamabad, Pakistan

Course Supervisor

Visiting Lecturer, 2016-2017

National university of science and technology, Islamabad, Pakistan

Visiting Lecturer, 2015-2016

Related Professional Experience

- Worked as a **Research Associate** for two years (September 2013 to September 2015) in Department of Mathematics and Statistics, International Islamic University, Islamabad.
- Served as a **Statistician and Data Analyst** at AAN Associates Islamabad for two months on UNICEF projects.