CURRICULUM VITAE

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PERSONAL INFORMATION

Nationality	Pakistani
Date of Birth	April 3, 1984
Passport Number	YA4128042

EDUCATION

DEGREE	COMPLETED	INSTITUTION
Ph.D. (Statistics)	In progress	University of New South Wales, Sydney, Australia
M.Phil. (Statistics)	2010	Quaid-e-Azam University Islamabad, Pakistan
M.Sc. (Statistics)	2007	University of Peshawar, Peshawar, Pakistan
B.Sc. Additional Maths A	2005	University of Peshawar, Peshawar, Pakistan
B.Sc. (Statistics, Chemistry, Physics)	2004	University of Peshawar, Peshawar, Pakistan

PROFESSIONAL EXPERIENCE

- Lecturer, Department of Statistics, Quaid-i-Azam University, Islamabad, Pakistan (2019-)
- Casual tutor, University of New South Wales, Sydney, Australia (2017 -2019)
- Lecturer, Department of Statistics, Quaid-i-Azam University, Islamabad, Pakistan (2010-2016)
- Lecturer, Department of Statistics, University of Peshawar, Peshawar, Pakistan (2009-2010)

RESEARCH EXPERIENCE

My research interests include statistical methods for regression to the mean and survey sampling.

PUBLICATIONS (*PhD work)

1 ***Khan, M** & Olivier, J. (2019) Regression to the mean for the bivariate binomial distribution. *Statistics in Medicine,* 38, 2391-2412.

2 ***Khan, M** & Olivier, J. (2018). Quantifying regression to the mean in Poisson process. *Statistics in Medicine*, 37, 3832-3848.

3 Treatment of non-response using auxiliary information. M.Phil. dissertation, Quaid-Azam University, Islambad, Pakistan.

4 Haq, A. **Khan, M** & Hussain, Z. (2016). A new estimator of finite population mean based on the dual use of the auxiliary information. *Communications in Statistics - Theory and Methods*, 46:9, 4425-4436.

5 Hussain, Z. Shabbir, J. Pervez, Z. Shah, SF & **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.

6 Hussain, Z. Al-Zahrani, B. Shabbir, J & **Khan, M.** (2014). On Using Negative Binomial Distribution as a Randomization Device in Sensitive Surveys. *Communications in Statistics - Simulation and Computation*, 45:10, 3584-3596.

7 **Khan, M** & Shabbir, J. (2014). A General Class of Estimators for Finite Population Mean in the Presence of Non-response when using the Second Raw Moments. *VFAST Transactions on Mathematics*. 2, 19-36.

8 **Khan**, **M**. Shabbir, J. Hussain, Z & Al-Zahrani, B. (2014). A Class of Estimators for Finite Population Mean in Double Sampling under Nonresponse Using Fractional Raw Moments. *Journal of Applied Mathematics*, 2014, 11 pages.

9 **Khan, M** & Shabbir, J. (2013). Some Improved Ratio, Product, and Regression Estimators of Finite Population Mean When Using Minimum and Maximum Values. *The Scientific World Journal*. 2013, 7 pages.

10 Ali, S. **Khan, M** & Shabbir, J. (2018). Using extreme values and fractional raw moments for mean estimation in stratified random sampling. *Hacettepe Journal of Mathematics and Statistics*. 47:2, 383 – 402.

CONFERENCES

(i) "Quantification and Estimation of the Regression to the Mean Effects under the Bivariate Poisson Distribution" presented at the Joint International Society for Clinical Biostatistics and Australian Statistical Conference, 26-30 August 2018, Melbourne, Australia.

(ii) "Quantification and Estimation of the Regression to the Mean for Bivariate Distributions" presented at the Joint Statistical Meetings Conference, July 27 to August 1, 2019, Denver, Colorado, USA.

GRANT

Travel grant ($750), Statistical Society of Australia, International Society for Clinical Biostatistics and Australian Statistical Conference, 26-30 August 2018, Melbourne, Australia.
Travel grant ($2600), the University of New South Wales, Sydney Australia for Joint Statistical Meeting Conference, 27 July-01 August.