



MUHAMMAD RAFIQ

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Education

1997–99: B.Sc with Maths A, Maths B and Statistics from Government Degree College Peshawar, Pakistan.

2000–01: M.sc in Statistics from University of Peshawar, Pakistan.

2008–11: M.Phil. in Statistics from Quaid-e-azam University Islamabad, Pakistan.

• Teaching Experience

- **2003–08:** Lecturer in Government Degree College Barkhalozai Bajor Agency, Pakistan.
- **2011-12:** Lecturer in the Department of Statistics Dera Ismael Khan University, Pakistan.
- **2012- Date:** Assistant Professor Department of Statistics University of Malakand Dir Lower, Pakistan.

- **Research Publications**

1. **Rafiq, M.**, Hussain, Z., Zaman, Q., Iqbal, M., and Wahab, S. (2013). Modified version of Kim and Warde Mixed Randomized Response Model to Complex surveys Sarhad J. Agric, 29(4), 591-598.
2. **Rafiq, M.**, Hussain, Z., and Akhtar, S. (2016). Modifications of some simple One-stage Randomized Response Models to Two-stage in complex surveys, Pak.j.stat.oper.res, 12(2) 327-338.
3. Akhtar, S., Shah, S.W.A., **Rafiq, M.**, and Khan, A. (2105). Research design and statistical methods in Pakistan Journal of Medical Sciences (PJMS), Pak J Med Sci , 32(1), 151-153.
4. Zaman, Q., Atif, M., Iqbal, M., Bibi, A., Shah, S.H., Farooq, M., **Rafiq, M.**, and Pfeiffer, K.P (2014). Estimation of Survival Probabilities in the Presence of Ties Short Title: Survival Probabilities in the Presence of Ties Life Science Journal,11(10) , 155-164.
- 5 . Akhtar, S., Khan, Z., Rafiq, M., and Khan, A. (2016). Prevelance of type ii diabilities in distirct dir lower pakistan, Pak J Med Sci 32 (3), 622-625.

Software used: R, Excel, SPSS, .

- **Research Interests**

Randomized Response Techniques in Complex Surveys