

E-mail: [raziq@um.uob.edu.pk](mailto:raziq@um.uob.edu.pk)  
[raziq.statistics@gmail.com](mailto:raziq.statistics@gmail.com)

# **Dr. Abdul Raziq**

*Associate Professor / Chairperson*  
*Department of Statistics*  
*University of Balochistan*

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Dr. Abdul Raziq received his Master Degree in First Class First Position from University of Balochistan in 2001. He joined Education Department (Colleges), Government of Balochistan as a lecturer of Statistics in July 2004. Dr Abdul Raziq joined University of Balochistan as a lecturer in Statistics in October 2005. He received his M.Phil. degree from University of Balochistan in 2014 and Ph.D. degree from University of Sindh, Jamshoro in 2019. He has been working as Associate Professor in Department of Statistics.

## **DISTINCTIONS**

- I. Presidential Education Award (Izaz-e-Sabqat) awarded by The President of Islamic Republic of Pakistan.
- II. Gold Medal awarded by University of Balochistan, Quetta.

## **ACADEMIC EXPERIENCE**

### **Academic Positions**

- Associate Professor, Department of Statistics, University of Balochistan, Quetta, Pakistan. 4<sup>th</sup> October 2022- to date.
- Assistant Professor, Department of Statistics, University of Balochistan, Quetta, Pakistan. 2<sup>nd</sup> October 2014- 3<sup>rd</sup> October 2022.
- Lecturer, Department of Statistics, University of Balochistan, Quetta, Pakistan. 14<sup>th</sup> October 2005- 1<sup>st</sup> October 2014.
- Lecturer, Education Department (Colleges), Government of Balochistan, Pakistan. 21<sup>st</sup> July 2004- 13<sup>th</sup> October 2005.

## **Publications**

1. Khilji, FUR., Huma, ZE., Baloch, N. S., Shoaib, M., Iqbal, Z., **Raziq, A.**, Sadaf, N., Ainuddin, S., Haider, S., Saleem, F., Iqbal, Q., Hussain, T., Aziz, A., & Ishaq, R. (2022). Physicians' Response and Preparedness of Terrorism-Related Disaster Events in Quetta City, Pakistan: a qualitative inquiry. *Frontiers in Public Health*, 10, 1-10. [doi.10.3389/fpubh.2022.912762](https://doi.org/10.3389/fpubh.2022.912762).
2. Shoaib, M., **Raziq, A.**, Iqbal, Q., Saleem, F., Haider, S., Ishaq, R., Iqbal, Z., & Bashaar, M. (2022). Disposal practices of unused and expired pharmaceuticals among the general public in Quetta city, Pakistan. *PLOS ONE*, 17(5) 1-13. <https://doi.org/10.1371/journal.pone.0268200>.
3. Zahid, M., Iqbal, F., **Raziq, A.**, & Sheikh, N. (2022). Modeling and Forecasting the Realized Volatility of Bitcoin Using Realized HAR-GARCH-type Models with Jumps and Inverse Leverage Effect. *Sains Malaysiana*, 51(3), 929-942.
4. Habib, M. K., Khan, M. N., Sadiq, A., Iqbal, Q., **Raziq, A.**, Ahmad, N., Iqbal, Z., Haider, S., Anwar, M., Khilji, FUR., Saleem, F., & Khan, A. H. (2022). Medication Errors and Type 2 Diabetes Management: A Qualitative Exploration of Physicians' Perceptions, Experiences and Expectations from Quetta City, Pakistan. *Frontiers in Medicine*, 9, 1-10. [doi.10.3389/fmed.2022.846530](https://doi.org/10.3389/fmed.2022.846530).
5. Ishaq, R., Shoaib, M., Baloch, N. S., Sadiq, A., **Raziq, A.**, Huma, ZE., Raza, S., Batool, F., Haider, S., Saleem, F., Ahmad, N., Iqbal, Q., & Khan, A. H. (2022). Profile and Predictors of Maternal Quality of Life During Physiological Pregnancy: A Cross-Sectional Analysis. *Frontiers in Public Health*, 9, 1-7. [doi.10.3389/fpubh.2021.801035](https://doi.org/10.3389/fpubh.2021.801035).
6. Hashmi, H., Sasoli, N.A., Sadiq, A., **Raziq, A.**, Batool, F., Raza, S., Iqbal, Q., Haider, Jan, S, U., Mengal, M. A., Tareen, A., M., Khalid, A., & Saleem, F. (2021). Prescribing Patterns for Upper Respiratory Tract Infections: A Prescription-Review of Primary Care Practice in Quetta, Pakistan and the Implications. *Frontiers in Public Health*, 9, 1-7. [doi.10.3389/fpubh.2021.787933](https://doi.org/10.3389/fpubh.2021.787933).
7. Nadeem, F., Sadiq, A., **Raziq, A.**, Iqbal, Q., Haider, S., Saleem, F., & Bashaar, M. (2021). Depression, Anxiety and Stress Among Nurses During COVID-19 Wave III: Results of a Cross-Sectional Assessment. *Journal of Multidisciplinary Healthcare*, 14, 3093-3101. <https://doi.org/10.2147/JMDH.S338104>
8. Iqbal, F., **Raziq, A.**, Huma, ZE., & Khan, M. A. (2021). An application of least square support vector machine model with parameter optimization for predicting body weight of Harnai sheep breed. *Turkish Journal of Veterinary and Animal Sciences*, 45(4), 716-725. [doi: 10.3906/vet-2009-105](https://doi.org/10.3906/vet-2009-105).
9. Sheikh, S. I., Asmat, T. M., Bajwa, M. A., Mustafa, M. Z., Rashid, N., Rafeeq, M., Kiani, M. M. T., Ali, H. M., & **Raziq, A.** (2021). Effect of Immune Modulators on Growth and Economic Performance of Broiler Chickens. *The Journal of Animal & Plant Sciences*, 31(4), 966-973.

10. **Raziq, A.**, & Lane-Krebs, K. (2021). Motivation and Job Satisfaction among Teachers: A Case Study of Balochistan. *Elementary Education Online*, 20(4), 2313-2319.
11. Anwar, M., **Raziq, A.**, Shoaib, M., Baloch, N. S., Raza, S., Sajjad, B., Sadaf, N., Iqbal, Z., Ishaq, R., Haider, S., Iqbal, Q., Ahmad, N., Haque, N., & Saleem, F. (2021). Exploring Nurses' Perception of Antibiotic Use and Resistance: A Qualitative Inquiry. *Journal of Multidisciplinary Healthcare*, 14, 1599–1608. <https://doi.org/10.2147/JMDH.S309020>.
12. **Raziq, A.**, Sheikh, N., Rafique, M., Murtaza, G., Jehandad, A. M., & Tareen, M. A. (2021). Forecasting Fertility and Child Mortality Rates of Pakistan Using Time Series Model. *Linguistica Antverpiensia*, 2, 1194-1213.
13. **Raziq, A.**, Murtaza, G., Rafique, M., Sheikh, N., Shahzad, K., & Jehandad, A. M. (2021). Renewable Electricity Consumption, Foreign Direct Investment and Economic Growth in Pakistan: An ARDL Approach and Regression Analysis. *Linguistica Antverpiensia*, 2, 1214-1227.
14. Munir, D., Sheikh, N., **Raziq, A.**, Rehman, A., Basit, A., Ullah, I., & Khan, D. (2021). Blood Pressure Estimation Using Artificial Neural Network and Multitaper Model. *Linguistica Antverpiensia*, 2, 4041–4052.
15. Khilji, FUR., **Raziq, A.**, Shoaib, M., Baloch, N. S., Raza, S., Iqbal, Z., Ishaq, R., Haider, S., Iqbal, Q., Ahmad, N., & Saleem, F. (2021). “Expecting the Unexpected:” Nurses' Response and Preparedness of Terrorism-Related Disaster Events in Quetta City, Pakistan. *Frontiers in Public Health*, 9, 1-10. [doi.10.3389/fpubh.2021.695143](https://doi.org/10.3389/fpubh.2021.695143)
16. Iqbal, F., Eydurán, E., **Raziq, A.**, Ali, M., Huma, ZE., Tirink, C., & Sevgenler, H. (2021). Modeling and predicting the growth of indigenous Harnai sheep in Pakistan: non-linear functions and MARS algorithm. *Tropical Animal Health and Production*, 53, 248. <https://doi.org/10.1007/s11250-021-02700-8>.
17. Khan, F., Anwar, M., Ishaq, R., Iqbal, Q., Haider, S., **Raziq, A.**, Tareen, A. M., Mengal, M. A., Jan, S.U., & Saleem, F. (2021). Understanding the use of health supplements in patients with chronic diseases: findings and implications. *Journal of Public Health*, 1-8. <https://doi.org/10.1007/s10389-021-01500-6>.
18. **Raziq, A.**, Rafiq, M., Murtaza, G., & Lane-Krebs, K. (2020). Relationship between job satisfaction and aspects of life: A case study of teachers in Balochistan, Pakistan. *Elementary Education Online*, 19(3), 2979-2985.
19. Iqbal, F., Ali, M., Huma, ZE., & **Raziq, A.** (2019). Predicting Live Body Weight of HARNAI Sheep through Penalized Regression Models. *The Journal of Animal & Plant Sciences*, 29(6), 1541-1548.
20. Talpur, M. G. H., Daudpoto, M. R., **Kakar, A. R.**, Wassan, M. I., & Shaikh, A. W. (2019). Analysis of Residuals for the Elimination of total Suspended Solids Simulation of wastewater through Rotating Biological Contactor. *Sindh Univ. Res. Jour. (Sci. Ser.)*, 51 (04), 703-708.

21. Rashid, M., Sheikh, N., Raza, A., **Raziq, A.**, Rehman, A., Baber, J., & Basit, A. (2019). Development of Dynamic Modeling and Fuzzy Logic System by Classical and Modern Strategies for the Control of Quadcopter. *American Scientific Research Journal for Engineering, Technology, and Sciences*, 62 (1), 108-114.
22. **Raziq, A.**, Ilyas, R. M., & Talpur, G. H. (2019). An Exploration of Job Satisfaction Indices for Teachers in Balochistan, Pakistan. *International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies*, 10(14).  
[doi: 10.14456/ITJEMAST.2019.180](https://doi.org/10.14456/ITJEMAST.2019.180). (Clarivate Analytics)
23. **Raziq, A.**, Ilyas, R. M., & Talpur, G. H. (2019). Impacts of Gender on Job Satisfaction and Work Motivation Relationship: A Case of Teachers in Balochistan, Pakistan. *International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies*, 10(13). [doi:10.14456/ITJEMAST.2019.170](https://doi.org/10.14456/ITJEMAST.2019.170). (Clarivate Analytics)
24. Daudpoto, M. R., **Raziq, A.**, & Wassan, M. I. (2019). Investigating the effect of RBC on different parameters through Hydraulic retention time. *Advances and applications in Statistics*, 57(2), 135-144. (Clarivate Analytics)
25. Siddique, G., Shafee, M., Abbas, F., Naeem, M., **Raziq, A.**, Ahmad, S., Babar, K.M., & Ziauddin. (2019). Mycobacterium tuberculosis; frequency of rifampin resistance mutations in 81-BP RRDR OF RPOB gene in mycobacterium tuberculosis isolates in Quetta, Pakistan. *The Professional Medical Journal*, 26(5), 780-786.  
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26. Samad, A., Abbas, F., Tanveer, Z., Ahmad, Z., Ahmad, I., Patching, S. G., Nawaz, N., Asmat, M. T., **Raziq, A.**, Asadullah., Sheikh, I. S., Naeem, M., Pokryshk, O., & Mustafa, M. Z. (2019). Prevalence of Salmonella spp in chicken meat from Quetta retail outlets and typing through multiplex PCR. *Romanian Biotechnological Letters*, 24(2), 271-279. [doi: 10.25083/rbl/24.2/271.279](https://doi.org/10.25083/rbl/24.2/271.279).
27. Iqbal, F., & **Raziq, A.** (2018). Crude oil price-exchange rate nexus in Pakistan. *Financial Statistical Journal*, 1(2), 1-7. [doi:10.24294/fsj.vli2.738](https://doi.org/10.24294/fsj.vli2.738).
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29. **Raziq, A.**, Ilyas, R. M., & Talpur, G. H. (2018). Differences among Factors of Job Satisfaction in Classification of the Academic Institute (school, college and university) teachers of Balochistan, Pakistan. *Advances and applications in Statistics*, 53(1), 71-85. (Clarivate Analytics)
30. Saifullah, S., Abbas, F., Samad, A., Rizwan, M., Bugti, F. S., Saima., Roomeela., Yousaf, M., Mykhaylo, T., & **Raziq, A.** (2018). Staphylococcus aureus

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31. **Raziq, A.**, Iqbal, F., & Talpur, G. H. (2017). Effects of Additive Outliers on Asymmetric GARCH Models. *Pakistan Journal of Statistics*, 33(1), 63-74.
  32. Mustafa, M. Z., Taj, M. K., Asadullah., Rashid, N., Zia-ud-Din., **Raziq, A.**, Talpur, G. H., Tareen, A. M., Ahmad, I., Ahmed, A., & Tanveer, Z. (2016). Health Issues Associated with Carbohydrate and Lipid Metabolism in Baloch and Hazara Populations of Balochistan Province of Pakistan. *Journal of Chemical, Biological and Physical Sciences, Sec. B*, 6(2), 476-490.