

SOHAIL AKHTAR  
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## **STATISTICIAN**

✓ **Education:**

PhD (Statistics) from University of Salford, UK.

PhD Research topic “Statistical Modelling in Test Cricket”

M.Sc (Statistics) from University of Peshawar.

B.Sc (Stat, Maths A and B) from University of Peshawar.

F.Sc (Engineering) from N.W.F.P.B.T.E., Peshawar.

S.S.C (Sciences) from B.I.S.E., Peshawar.

✓ **Present position**

Lecturer in Statistics  
Department of Statistics, University of Malakand

✓ **Computer skills:**

SPSS  
Minitab  
R  
Stata

✓ **Research interest**

Statistical modelling in sport  
Rating and ranking system

✓ **Teaching interest**

Sampling techniques  
Econometrics  
Categorical data analysis

✓ **Research Publications:**

- ✓ Scarf, P.A., X. Shi, and **S. Akhtar** (2008). Modelling Batting Strategy in Test Cricket, *Progress in Industrial Mathematics at ECMI* Fitt, A.D.; Norbury, J.; Ockendon, H.; Wilson, E. (eds.) 1st Edition., 2010, Series: Mathematics in Industry. pp 481-490.
- ✓ **Akhtar, S.** and P.A. Scarf (2009). An analysis of declaration strategy in the first three innings in test cricket. *Proceeding of the 2nd International Conference Mathematics in Sports*, (eds. R. Koning and P. Scarf) Groningen, The Netherlands, pp 4-10.
- ✓ Scarf, P.A., X. Shi, and **S. Akhtar** (2011). On the distribution of runs scored and batting strategy in test cricket *Royal Journal of Statistical Society A*, 174, pp 471–497.
- ✓ Scarf P.A and **S. Akhtar** (2011). An analysis of strategy in the first three innings in test cricket: declaration and the follow-on. *Journal of the Operational Research Society*, 62, pp 1931-1940.
- ✓ **S. Akhtar** and Scarf P.A (2011). Forecasting test cricket match outcomes in play, *International Journal of Forecasting*; doi 10.1016/j.ijforecast.2011.08.005.
- ✓ Scarf, P.A., **Akhtar, S.** and Rasool, Z. (2011) Rating players in test match cricket. *Proceedings of the 3rd International Conference of Mathematics in Sport*, (eds. J. Reade, D. Percy and P. Scarf), Salford, UK, pp. 208-214.