

ALSAIDI M. ALTAHER

CONTACT

Sebha University
Department of Statistics
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EDUCATION

BSc in Statistics

Sebha University

Sep 1994 — Jun 1998

MSc in Statistics

Garyounis University

Sep 2001 — Jun 2006

PhD in statistics

University Sains Malaysia

Sep 2009 — April 2013

WORK EXPERIENCE

Sebha University

Lecturer

Aug2013 — Aug 2016

Teaching several different courses in BSc level such as: Mathematical Statistics, Regression Analysis, Design Experiment, Multivariate Analysis, Statistical Quality Control, Statistical Programming. In addition to supervision for final year research project.

Sebha University

Assistant Professor

Sep 2016 — Present

Teaching several different courses in both BSc and MSC levels such as: Mathematical Statistics, Regression Analysis, Design Experiment, Multivariate Analysis, Statistical Quality Control, Statistical Programming. In addition to supervision for final year research project (BSc, MSc).

INTERESTS

Regression Analysis, Time Series Modeling, Wavelets, Smoothing

SOFTWARES

Ability use of R, S-PLUS, MATLAB, SPSS

PUBLICATIONS

1. Alsaidi M. Altaher, Abdslaam K Suliman, Nuri Ali, Jamila Aboneran, Iman Abograrh. A comparison of some methods for estimating the Weibull Distribution Parameters. The First International Conference on Science and Technology, 12-14 Feb 2018 (Sebha-Libya).
2. Hafd A. Alaswed., Alsaidi M. Altaher..Probability Paper and Plotting Position of Extreme Value Distribution for Model Selection and Parameter Estimation.The First International Conference on Science and Technology, 12-14 Feb 2018 (Sebha-Libya).
3. Abdslam K. Suliman, Ali S. Ambark, Alsaidi M. Altaher. A comparison of Several Bandwidth Selection Methods for Local Polynomial Regression..The First International Conference on Science and Technology, 12-14 Feb 2018 (Sebha-Libya)..
4. Nuri Omar Elhammali, Abdussalam K. Basher and Alsaidi M. Altaher Time Series

Prediction using Box-Jenkins Model, 4th international conference on mathematics and information sciences (Zwail-Egypt Feb 2015).

5. Abobaker M. Jaber, Mohd Tahir Ismail, and Alsaïdi M. Altaher (2014). Empirical mode decomposition combined with local linear quantile regression for automatic boundary correction, *Abstract and Applied Analysis*.
<http://dx.doi.org/10.1155/2014/708918>
6. Abobaker M. Jaber, Mohd Tahir Ismail, and Alsaïdi M. Altaher (2014). Application of Empirical Mode Decomposition with Local Linear Quantile Regression in Financial Time Series Forecasting. *The Scientific World Journal*. <http://dx.doi.org/10.1155/2014/708918>
7. Alsaïdi M. Altaher and Mohd Tahir Ismail. Hybrid Robust estimation via median filter and wavelet Thresholding with automatic boundary correction. *International Conference of Computational and Statistical Sciences; on Dec 25-26- 2014 Dubai*
8. Abobaker M. Jaber, Mohd Tahir Ismail, and Alsaïdi M. Altaher (2013). Automatic Boundary Correction using Empirical Mode Decomposition and Local Linear Regression. *Far East Journal of Mathematical Sciences*, 563-576
9. Alsaïdi M. Altaher and Mohd Tahir Ismail (2013): Robust wavelet regression with randomly missing data. *International Journal of Applied Mathematics and Statistics*, 34, ISSN 0973-1377.
10. Alsaïdi M. Altaher and Mohd Tahir Ismail (2012): Local polynomial wavelet regression with missing at random. *Journal of Applied Mathematical Sciences*, 6, 2805-2819.
11. Alsaïdi M. Altaher and Mohd Tahir Ismail (2012). Robust wavelet estimation to eliminate simultaneously the effect of outliers, boundary problem and correlated noise. *International Journal of Mathematics and Mathematical Sciences*,.
12. Alsaïdi M. Altaher and Mohd Tahir Ismail (2011): Robust wavelet estimation for boundary correction in wavelet regression. *Journal of Statistical Computation and Simulation*, 82, 1531-1544.
13. Alsaïdi M. Altaher and Mohd Tahir Ismail (2011): Hybrid local polynomial wavelet shrinkage for stationary correlated data. *Communications in Computer and Information Science*, 253, 262-273.
14. Alsaïdi M. Altaher and Mohd Tahir Ismail (2010): Automatic polynomial wavelet regression for signal with non-Gaussian noises. *International Journal of Mathematics and Computation*, 8, 102-113.
15. Al Wadi, S.; Ismail, Mohd Tahir; Altaher, Alsaïdi M. Altaher; Samsul Ariffin Addul Karim (2010) "Forecasting volatility data based on Wavelet transforms and ARIMA model," *Science and Social Research (CSSR)*, *International Conference on* , vol., no., pp.86,90, 5-7 Dec. 2010.
16. Alsaïdi M. Altaher and Mohd Tahir Ismail (2010): A Comparison of some thresholding selection methods for wavelet regression. *World Academy of Science, Engineering and Technology*, 62, 69-74.
17. Alsaïdi M. Altaher and Mohd Tahir Ismail (2010). Polynomial wavelet regression with boundary correction. *Regional Conference on Applied and Engineering Mathematics*, 2-3 Jun 2010, Penang, Malaysia.
18. Alsaïdi M. Altaher and Mohd Tahir Ismail (2010): Robust polynomial wavelet regression for boundary correction. *International Conference on Mathematical Applications in Engineering (ICMAE'10)*, 3-5 August 2010, Kuala Lumpur, Malaysia.
19. Alsaïdi M. Altaher and Mohd Tahir Ismail (2010): A new method on treating missing values in polynomial wavelet regression. *International Conference on Operations Research and Statistics*, 7-8 April 2011, Penang, Malaysia.

