

Dr. Ali Al-Kenani Assistant Prof. in Statistics
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Education

- PhD degree in Mathematics (School of information systems, computing and mathematics/Brunel University (2013). Thesis title (Some statistical methods for dimension reduction).
- M.SC degree in Statistical Sciences (College of Administration and Economics / Baghdad University (1999) with the grade (good) and final average was (75.86).
Thesis title:"Robust Estimation for Variance Components in Random model, with practical application".
- B.SC degree in Statistical Sciences (College of Administration and Economics / Al_Qadisiya University (1995), with the grade (very good) and final average was (81.68), I was ranked the first.

Fields of Research Interest

Quantile regression, Variable Selection, High dimensional data, Single and Multivariate index Models, Robust Statistics.

Published Papers and activities after (2010)

1. Alkenani, A. and Yu, K. (2013). A comparative study for robust canonical correlation methods, Journal of Statistical Computation and Simulation 83, 690–718. (<http://dx.doi.org/10.1080/00949655.2011.632775>).
2. Alkenani, A. and Yu, K. (2013). Sparse MAVE with oracle penalties. Advances and Applications in Statistics 34, 85–105. (<http://www.pphmj.com/abstract/7662.htm>).
3. Alkenani, A. and Yu, K. (2013). Penalized single-index quantile regression. International Journal of Statistics and Probability 2, 12–30. (<http://dx.doi.org/10.5539/ijsp.v2n3p12>).
4. AlKenani, A., Alhamzawi, R. and Yu, K. (2012). Penalized flexible Bayesian quantile Regression. Applied Mathematics 3, 2155–2168. (<http://dx.doi.org/10.4236/am.2012.312A296>).
5. Alkenani, A. and Yu, K. (2012). New Bandwidth selection for kernel quantile estimators, Journal of Probability and Statistics. (<http://dx.doi.org/10.1155/2012/138450>). 2
6. Alkenani, A. (2015). Sparse ridge Sliced inverse quantile regression without quantile crossing , Al-Qadisiyah Journal of Administration and Economics Sciences. In Press.

7. Alkenani, A. and Reisan, T (2015).Elastic Net for Variables Selection in Discriminant Analysis. Karbla, 7 th international conference.
8. Alkenani, A. and Reisan, T (2016). The impact of outliers in estimating the value of the parameter d in the stationary fractional time series. The 5th International Scientific Conference of Arab statisticians 9-10/2/2016, Cairo, Egypt.
9. Alkenani, A. and Reisan, T (2016). Sparse sliced inverse quantile regression. Journal of Mathematics and Statistics. Accepted.

I am reviewer in the following impact factor journals:

1. Journal of applied statistics.

For example, Nassiri, V. and Loris, I. (2013). A generalized quantile regression model. Journal of Applied Statistics 40, 1090-1105.

2. Journal of Communications in Statistics - Simulation and Computation.

For example, Nassiri, V. and Loris, I. (2013). Variable Selection Methods in High-Dimensional Regression – a Simulation Study. Journal of Communications in Statistics, to appear.

3. Journal of statistical computation and simulation.

Presented talks in conferences and symposiums

1. The postgraduate research student symposium, 30th March 2012, the department of mathematical sciences, Brunel University. I have presented talk about Penalized single-index quantile regression.
2. The Young Statisticians' Meeting 2013 at Imperial College London, South Kensington Campus, Skempton Building from 4th to 5th July 2013. I have presented talk about robust canonical correlation methods.
3. Symposium on "Quantile regression" . 28 May 2015, the department of Statistics, Al-Qadisiyah University.
4. Symposium on "High dimensional data" . 5 May 2016, the department of Statistics, Al-Qadisiyah University.

Conferences and symposiums attended

1. The Young Statisticians' Meeting 2012 at Queens College, Cambridge University from Monday 2nd to Tuesday 3rd April 2012.
2. Mathematical Methods in Reliability Joint Research Group, Lifetime data analysis, JC128, John Crank Building, Brunel University. Tuesday 22 May 2012, London, UK.
3. Day on Quantile Regression at the Royal Statistical Society, Wednesday 29 May 2013,, London, UK.
4. Mathematical Methods in Reliability Research, Probability Estimation and Data Analysis in Engineering, JC128, John Crank Building, Brunel University. Friday 31 May 2013, London, UK.

Work Experience (Recently)

- 1. Head of Statistics department/ Al-Qadisiyah University (2014-2015)**
- 2. Director of research and development department/ Al-Qadisiyah University (Since 19/04/2015 to ----).**

Awards and Honors

Ministry of higher education and scientific research prize for best academic staff member who published papers in international scientific journals. (May 2014).

Published Papers and activities before (2010)

Published Papers:

- 1- "Using Rocke's Method in the variance components model". Journal of Al_Qadisiya University for Administration and Economics Sciences, Vol (6), No (2), 2004.
- 2- "The effect of Nigella Sativa and age on Some Physiological features of chickens". Vol (7), No (1), 2005.
- 3- "Studying the robustness of covariance matrix for canonical correlation analysis". The fifth scientific conference of Al_Qadisiya University (21-22/12/2005).
- 4- "New modification factor for adaptive filtering method to autoregressive model AR (1)". Journal of Al_Qadisiya University for Administration and Economics Sciences, Vol (7), No (2), 2005.
- 5- "A Comparative study for some transformation models for DNA data". Journal of Baghdad University for Administration and Economics Sciences, Vol (11), No (40), 2005.
- 6- "Attitudes of teaching staff members towards the factors responsible for spelling mastery in primary schools pupils". Vol (8), No (1), 2006.
- 7- "Attitudes of teaching staff members to scientific departments secretaries". The first scientific conference of the college of Administration and Economics, University of Karbala (18-19/4/2006).
- 8- "Canonical correlation analysis with some kernel functions ". Journal of Al_Qadisiya University for Administration and Economics Sciences, Vol (8), No (2), 2006.
- 9- "Using robust alternative regression method in its O.L.S and W.L.S estimators with Huber and Hample weighted functions for canonical correlation coefficients". Journal of Baghdad University for Administration and Economics sciences, Vol (12), No (44), 2006.

- 10- "The effect of outlier values on forecasting by using adaptive single exponential smoothing (a comparative study between classical methods and spectral method)". Journal of Economic Sciences/ College of Administration and Economics /University of Basrah, Vol (5), No (19), April 2007.
- 11- "Factors influencing in higher studies students" performance at Iraqi Universities". Journal of Al_Qadisiya University for Administration and Economics Sciences, Vol (9), No (3), 2007.
- 12- "Factors influencing the achievement of evening classes students at al-Qadisiya University.
- 13- "Attitudes of Administration students at Iraqi universities towards the computer subject and its applications". Journal of Al_Qadisiya University for Administration and Economics Sciences, Vol (9), No(3), 2007
- 14- "Future forecasting of Sulpharic Acid production by using Holt-winter method and Box-Jenkins". Journal of Al_Qadisiya University for Administration and Economics Sciences, Vol (9), No (4), 2007.
- 15- "Using ARMA models in predicting future production of certain agricultural corns in Babylon governorate". The third national conference of ecology and natural resources. College of Science/Al-Basrah University.
- 16- "Using neural networks in analyzing time series of river fish hunting in Iraq. Third scientific conference of the college of Administration and Economics/Karbala University.
- 17- "Using the suggested adjustment factor in adaptive filtering of discrete distributions of random error term". Basic Education conference, Babylon University, May, 2007.
- 18- "The economic effect of raising fuel fees from Iraqi merchant perspective". Third scientific conference of the college of Administration and Economics/Al-Basrah University (14-15) May 2007.
- 19- "Robustness of canonical correlation estimators". The third scientific conference of the college of Administration and Economics, Wasit University, April, 2007.
- 20- "A statistical study of the effect of Alcoholic extract of crab shell on the growth of human cancer cells". Journal of Baghdad University for Administration and Economics sciences, Vol (14), No (49), 2008.

Scientific Conferences before (2010)

- 1- The fifth scientific conference of Al_Qadisiya University (21-22/12/2005).
- 2- The first scientific conference of the college of Administration and Economics, University of Karbala (18-19/4/2006).
- 3- The third national conference of ecology and natural resources. College of science/Al-Basrah University.
- 4- Third scientific conference of the college of Administration and Economics/ karbala University.
- 5- Third scientific conference of the college of Administration and Economics/Al-Basrah University. (14-15), May, 2007.
- 6- The third scientific conference of the college of Administration and Economics, Wasit University, April, 2007.

Work Experience Before 2010 :

- 1- Lecturer in Higher Institute of teachers repairing, Department of Mathematics 1999-2003. Sebha, Libya.
- 2- Lecturer in Statistics department (2000-2003), College of Science, Sebha University, Libya.
- 3- A member of teaching staff in Al-Qadisiya University, Department of Statistics since (15-10-2003), Iraq.
- 4- Lecturer in Economics Department, Al-Qadisiya University, (2004-2006), Iraq.
- 5- Lecturer in Business Administration Department, Al-Qadisiya University, (2003-2005), Iraq.
- 6- Lecturer in accounting Department, Al-Qadisiya University, (2003-2004), (2007-2008), Iraq.
- 7- Director of Internet and Computer Center in college of Administration and Economics, AL-Qadisiya University (2004-2006),2007 to 2009 , Iraq.

Computer Skills

1. FORTRAN
2. MATLAB
3. SPSS
4. The R Project for Statistical Computing