

# CURRICULUM VITAE

جامعة الأزهر  
Al-Azhar University-Gaza



Dr. Ali Hassan Abu Zaid

Last Update:16/12/2018

## PERSONAL DETAILS

Date Of Birth	17/1/1983	Place Of Birth	Palestine-Gaza
Nationality	Palestinian		
Martial Status	Married	Gender	Male
Designation	Associate Professor		
Department	Mathematics		
Faculty	Science		
Tel. No. (Office)	00972-82148142		
Fax No.			
Mobile No.	00972-599318765		
E-mail Address	a.abuzaid@alazhar.edu.ps alizaid33@yahoo.com		
Address(Office)	A2-305, Faculty of Science, Al Azhar University, Gaza, Palestine		
Address (Home)	149 , Ybna Refugee Camp, Near Al Huda Mosque, Rafah, Gaza Strip, Palestine		

## HURL

---

## ACADEMIC QUALIFICATIONS

(YEAR , QUALIFICATION , INSTITUTION , TITLE)

2010	Doctoral Degree, PHD, University Malaya, Kuala Lumpur, Malaysia (Some Problems of Outliers in Circular Data)
2007	Master Degree, MSC, University Malaya, Kuala Lumpur, Malaysia (Identifying Outliers in Autoregressive Time Series Model of Order One)
2004	Bachelor Degree, BSC, Al- Azhar University - Gaza, Palestine (Saigo Operator of Fractional Calculus with Statistical Applications)

---

## CAREER HISTORY

(START DATE - END DATE, EMPLOYMENT , ORGANIZATION)

2016 , till now	Associate Professor , Dept. of Mathematics, Al-Azhar University-Gaza.
2010 ,2016	Assistant Professor ,Dept. of Mathematics, Al-Azhar University-Gaza.
2010 ,2010	Part time lecturer ,Arab Community College, Rafah
2010 ,2010	Part time lecturer ,Al Quds Open University, Rafah.
2009 ,2010	Lecturer ,University Collage of Technology and Innovation, Malaysia

---

**ADMINISTRATIVE DUTIES**

(START\_DATE - END\_DATE , ROLE , LEVEL)

2016 , till now                    Dean of Planning and Quality Assurance ,University  
2014 ,206                         Member of Faculty Council ,Faculty  
2014 ,2016                        Assistant Dean of Planning and Quality for Academic Affairs ,University  
2013 ,2016                        Deputy chair of Mathematics Department ,Department

---

**PROFESSIONAL AFFILIATION/MEMBERSHIP**

(YEAR , ORGANISATION , ROLE , LEVEL)

2007 Islamic Countries Society of Statistical Sciences,Member,International  
2007 Institute of Statistics Malaysia,Member,International

---

**AREAS OF EXPERTISE**

(AREA)

Influential Points , Circular statistics , Outliers , Functional Relationship Models , Directional Statistics ,  
Survival Analysis , Statistics ,

---

**SELECTED PUBLICATIONS**

**- Article in Academic Journal**

- 1 Abuzaid, A. H> (2018) . Evaluating Spatial Variability of Groundwater Electrical Conductivity via Geo-statistical Methods, Journal of Al Azhar University-Gaza (Natural Sciences),20(2) , 49-62
- 2 Abuzaid, A. H, Abuallaban, W. and Hussin, A. G. (2018) . Circular Functional Relationship Model with Wrapped Cauchy Errors,Pakistan Journal of Statistics and Operation Research,14(2) ,287-299.. (ISI Cited Publication )
- 3 Mahmoud Sirdah, Khaled Almoghari, Ali H. Abuzaid, Rami M. Hadad (2018) . Should sex differences be considered when applying mathematical indices and formulas for discriminating ?- thalassemia minor from iron deficiency?,Practical Laboratory Medicine,( ) , 1-10. (ISI Cited Publication )
- 4 Abuzaid, A. H., Abu El-Qumsan, M. K. and El-Habil, A. M. (2017) . On The Robustness of Right and Middle Censoring Schemes in Parametric Survival Models,Communications in Statistics - Simulation and Computation (Accepted for Publication),46(3) ,1771-1780. (ISI/SCOUPS Cited Publication )
- 5 Abuzaid, A. H (2017) . A Half Circular Distribution For Modelling The Posterior Corneal Curvature. ,Communication in Statistics – Theory and Methods. ,( ) ,DOI:10.1080/03610926.2017.1348521. (ISI/SCOUPS Cited Publication )
- 6 Abuzaid, A. H. and Zaqout, R. F. (2017) . Survival Analysis for Weaning Time of the Palestinian Children,The Philippine Statistician,66(1) ,93-104. (SCOUPS Cited Publication )
- 7 Rambli, A. , Abuzaid, A. H., Mohamed I. B. and Hussin, A.G. (2016) . Procedure for Detecting Outliers in a Circular Regression Model,PLOS ONE,11(4) ,1-10. (ISI Cited Publication )
- 8 Abuzaid, A. H. and Allahham, N. R. (2015) . Simple Circular Regression Model Assuming Wrapped Cauchy Error,Pakistan Journal of Statistics,31(4) , 385-398. (ISI/SCOUPS Cited Publication )
- 9 Abuzaid, A. H., El-hanjouri, M. M. and Kullab, M. M., (2015) . On Discordance Tests for the Wrapped Cauchy Distribution,Open Journal of Statistics,5(4) ,245-253
- 10 Abuzaid, A. H (2015) . The estimation of the Burr-XII parameters with middle censored data,SpringerPlus,4(101) ,1-10. (ISI Cited Publication )
- 11 Darwish, R. S. Abuzaid, A. H and El-hanjouri, M. M. (2015) . Canonical correlation analysis of the big five factors of personality and future anxiety among Palestinian university students,Scholars Journal of Physics, Mathematics and Statistics,2(3A) ,300-307
- 12 Abuzaid, A. H., Mohamed, I. B. and Hussin, A. G. (2014) . Procedures for outlier detection in circular time series models,Environmental and Ecological Statistics,21(4) ,793-804. (ISI Cited Publication )
- 13 Hussin, A. G., Abuzaid, A. H., Ibrahim, A. I. N. and Rambli, A. (2013) . Detection of Outliers in the Complex Linear Regression Model. ,Sains Malaysiana,42(6) ,869–874. (ISI/SCOUPS Cited Publication )
- 14 Abuzaid, A. H., Hussin, A.G. & Mohamed, I. B. (2013) . Detection of Outliers in Simple Regression Model Using Mean Circular Error Statistic,Journal of Statistical Computation and Simulation,83(2) ,269-277. (ISI/SCOUPS Cited Publication )
- 15 Abuzaid, Ali Hassan (2013) . On the Influential Points in the Functional Circular Relationship Models,Pakistan Journal of Statistics and Operation Research ,9(3) ,333-342. (SCOUPS Cited Publication )
- 16 Hussin, A. G. and Abuzaid, A. H. (2012) . Detection of outliers in functional relationship model for circular variables via complex form,Pakistan Journal of Statistics,28(2) ,205-216 . (ISI/SCOUPS Cited Publication )
- 17 Abuzaid, A. H., Hussin, A. G. Rambli, A. & Mohamed, I. B. (2012) . Statistic for a New Test of Discordancy in Circular Data,Communication in Statistics - Simulation and Computation,41(10) ,1882 - 1890. (ISI/SCOUPS Cited Publication )
- 18 Abuzaid, A. H. (2012) . Analysis of Mother's day Celebration Via Circular Statistics,The Philippine Statistician,,61(2) ,39-52

- 19 Abuzaid, A. H., Mohamed, I. B. and Hussin, A. G. (2012) . Boxplot for Circular Variables,Computational Statistics,27(3) ,381-392. (ISI/SCOUPS Cited Publication )
- 20 Ali Abuzaid, Ibrahim Mohamed, Abdul G. Hussin and Adzhar Rambli (2011) . COVRATIO Statistic for Simple Circular Regression Model.,Chiang Mai International Journal ,38(3) ,321-330. (ISI/SCOUPS Cited Publication )
- 21 Hussin, A. G., Abuzaid, A. H., Zulkifili. F., and Mohamed, I. B. (2010) . Asymptotic Covariance and Outlier Detection in Measurements of Wind Directions,Science Asia,36(3) ,249–253. (ISI/SCOUPS Cited Publication )
- 22 Abuzaid, A. H., Mohamed, I. B. and Hussin, A. G. (2009) . A New Test of Discordancy in Circular Data,Communications in Statistics,38(4) ,682-691. (ISI/SCOUPS Cited Publication )
- 23 Abuzaid, A. H., Hussin, A. G. and Mohamed, I. B. (2008) . Identifying Single Outlier in Linear Circular Regression Model Based on Circular Distance,Journal of Applied Probability and Statistics,3(1) ,107-117. (SCOUPS Cited Publication )

**- Proceedings**

- 1 Abuzaid, A. H. (2016) . Geographically Weighted Regression Analysis for Poverty in Palestinian Territories. ,The first Scientific Conference for Community Development, 5-6 November 2016,Gaza, Palestine,. (ISI Cited Publication )
- 2 Abuzaid, A. H. (2012) . Outliers in Time Series of Circular Data,13th International Conference on Econometrics, Operation Research and Statistics,Famagusta, Cyprus ,May 24- 26, 2012,1-12
- 3 Abuzaid, A. H. (2012) . the Influential Points in the Functional Circular Relationship Models,12th Islamic Countries Conference on Statistical Sciences, ICCS-12,Doha, Qatar,December 19-22, 2012, ,659-668
- 4 Rambli, A. B., Mohamed, I. B., Hussin, A. G. And Abuzaid A. H. (2010) . Identification of Influential Observations in Circular Regression Model,The Regional Conference on Statistical Sciences. (RCSS) ,Kelantan, Malaysia,13-14 June ,. (SCOUPS Cited Publication )
- 5 Abuzaid, A. H., Mohamed, I. B., and Hussin, A. G. (2008) . Detection of outliers in circular regression models via row deletion approach,The 3rd International Conference on Mathematics and Statistics,Bogor, Indonesia,5-6 August ,
- 6 Abuzaid, A. H., Hussin, A. G. And Mohamed, I. B. (2008) . Outlier labeling via circular boxplot,“. Joint meeting of the 4th world conference of the IASC and the 6th conference of Asian regional section of the IASC on computational statistics & data analysis,Yokohama, Japan,5 – 8 December ,. (SCOUPS Cited Publication )
- 7 Abuzaid, A. H., Hussin, A. G. And Mohamed, I. B (2007) . Different methods of identifying outliers in the ,The 9th Islamic Countries ,Shah Alam, Malaysia,12 – 14 December 2007,

**- Technical Report**

- 1 Abuzaid, A. H., Mohamed, I. B. And Hussin, A. G. (2010) . Boxplot for circular variables,Institute of Mathematical Sciences, University of Malaya, Kuala Lumpur.,Sir. A. Bil 1/2010

**RESEARCH PROJECTS**

(FROM - TO ,PROJECT\_TITLE ,ROLE ,SOURCE ,LEVEL)

<b>2016 , till now</b>	Rooting Development in the Palestinian Context ,Coordinator , ,International
<b>2007 ,2010</b>	Detection of outliers in circular regression models ,Leader ,University of Malaya, Malaysia ,International

---

**CONSULTATION PROJECT/CONSULTANCY**

(FROM - TO , PROJECT\_TITLE , ROLE , ORGANIZATION)

2013 ,2013	Use of health services and spending by the Palestinian families in the Gaza Strip ,Statistical Consultant ,Palestinian Medical Relief Society
2013 ,2014	Education Project Cushions for Orphans in The Gaza Strip ,Statistician ,Save the Children Society – Palestine
2012 , till now	Youth: Agents of Social Development ,Consultant ,Arab World Research and Development Center
2013 ,2013	Baseline survey for the project of disabled women in the Gaza Strip ,Consultant ,EduCad, Italy
2012 ,2012	Family Centers Project ,Mathematics Advisor ,Tamer Institute for Community Education
2011 ,2012	Family Centers Project ,Consultant ,Tamer Institute for Community Education

---

**AWARDS AND RECOGNITIONS**

(YEAR , NAME , INSTITUTION, LEVEL)

2007 , Fellow ,University of Malaya, Malaysia ,International

---

## PRESENTATIONS

(TITLE ,EVENT ,DATE ,ORGANISER ,LEVELL)

- Pleanary/Keynote Speaker**
- \* the influential points in the functional relationship models of circular data ,Semina of Faculty of Science ,22nd January, 2013 ,aculty of Science, Al Azhar University- Gaza, Palestine (University ).
  - \* Detection of outliers in Times Series Models of Circular Data ,Seminar of Faculty of Science ,25th June, 2012 ,Faculty of Science, Al Azhar University- Gaza, Palestine (University ).
- Poster**
- \* Outlier Detector ,International Exposition of Research and Invention of Institution of Higher Learning 2009 ,8-10 October, 2009 ,Minstry of Higher Education and University of Malaya, Malaysia (International ).
  - \* Outlier detection for circular data ,UM Expo 2009 ,13-15 January 2009 ,University of Malaya, Malaysia (National ).
- Presenter**
- \* A New Half Circular Distribution for Modeling Medical Data. ,The 6th Internationa conference for Science and Development ,14-15 March 2017 ,The Islamic University of Gaza (International ).
  - \* A New Half Circular Distribution for Modeling Medical Data. ,The 6th Internationa conference for Science and Development ,14-15 March 2017 ,The Islamic University of Gaza (International ).
  - \* Detection of the Influential Points in the Error-in-Variables Model For Angular Data ,The Second International Conference on Basic & Applied Sciences (ICBAS2 2010) ,9-11 October 2012 ,Al Azhar University – Gaza, Palestine. (International ).
  - \* On The Influential Points In Error-In-Variables Model For Directional Data ,The Third Palestinian Conference on Modern Trends in Mathematics and Physics ,16-18 July 2012 ,Palestine Polytechnic University - Hebron, Palestine (International )
  - \* On the Robustness of the Estimating Function Technique of RCA(1) Model ,Fourth International Conference of Science & Development ,22-23, November 2011 ,The Islamic University – Gaza, Palestine. (International ).
  - \* COVRATIO Statistic for Circular Functional Relationship Model ,The Second International Conference of Applied and Natural Sciences ,30-31 May 2011 ,Al-Aqsa University – Gaza, Palestine. (International ).
  - \* Boxplot for Circular Variables ,The First International Conference on Basic & Applied Sciences (ICBAS 2010) ,10-12 October 2010 ,Al Azhar University – Gaza, Palestine (International ).
  - \* Influential Observations in Simple Circular Regression Model ,Seminar on Directional Statistics ,10 March 2010 ,Institute of Mathematical Sciences. University of Malaya, Malaysia (International ).
  - \* Robustness of the MLE in Circular-Circular Regression Model ,17th National Symposium of Mathematical Sciences. Melaka, Malaysia, ,15-17 December 2009 ,Malaysian Mathematical Sciences Society (National ).
  - \* Asymptotic covariance and outlier detection in a linear functional relationship ,The Institute of Mathematical Sciences Seminar ,30 October 2009 ,Institute of Mathematical Sciences, University of Malaya. (University ).
  - \* Some Problems of Outliers in Circular Data ,The Institute of Mathematical Sciences Seminar ,15 October 2009 ,Institute of Mathematical Sciences, University of Malaya (University ).

- Presenter**
- \* Detection of outliers in circular regression models using mean circular error statistic ,The 4th Mathematics and Physical Sciences Graduate Congress ,17-19 December 2008 ,National University of Singapore, Singapore. (International ).
  - \* Detecting Single Outlier in Directional data using Chord Statistics ,The Institute of Mathematical Sciences Seminar ,24 November 2007 ,Institute of Mathematical Sciences, University of Malaya (University ).
- 

## SUPERVISION

(DEGREE , CANDIDATES , THESIS , SESSION , YEAR)

- Ongoing**
- \* Master ,Nae'l Abdullah Elghalban ,On outliers detection in logistic regression model ,2017 ,
- Completed**
- \* PHD ,Najla El Alkasadi ,Outliers in Multiple Regression Model ,2015 ,
  - \* Master ,Walaa Abu Ellaban ,Angular Functional relationship model with Wrapped Cauchy Errors. ,2015 ,
  - \* Master ,Raida Zaqout ,Survival Analysis for duration of breastfeeding for the child in Palestine ,2013/2014 ,
  - \* Master ,Ahmed Hijazi ,Forecasting road accidents in Bethlehem ,2013/2014 ,
  - \* Master ,Nabeel Allahham ,On the simple angular regression model with wrapped Cauchy error ,2013/2014 ,
  - \* Master ,Rasha Darwish ,Canonical Correlation Analysis of the Big Five Factors of Personality and Future Anxiety ,2013/2014 ,
  - \* Master ,Mustafa Abu El-Qumsan ,On The Robustness of Censoring Schemes with Parametric Survival Data ,2012/2013 ,
  - \* Master ,Moneb Kelab ,On Discordancy Tests of the Wrapped Cauchy Distribution ,2012/2013 ,
- 

## EXPERT/TECHNICAL CONTRIBUTIONS

(ACTIVITY , ORGANISATION , ROLE , FROM , UNTIL , LEVEL)

Referee of Journal of Applied Statistics , ,Referee ,2010 , till now ,International  
 Referee of Journal of Al-Azhar University –Gaza. ,Al Azhar University - Gaza ,Referee ,2010 , ,University  
 Internal evaluation committee of mathematics programs at Al- Azhar University- Gaza. ,Mathematics  
 Department ,Member ,2011 ,2011 ,University

---

## TEACHING

(LEVEL , COURSE )

- First Degree**
- \* Mathematics for Management
  - \* Biostatistics
  - \* Calculus (I and II)
  - \* General Mathematics
  - \* Mathematical Statistics
  - \* Probability Theory
  - \* Applied Statistics
  - \* Regression Analysis
  - \* Numerical Methods and Logic
- Post Graduate**
- \* Discrete Data Analysis
  - \* Statistical Laboratory
  - \* Inferential Statistics
  - \* Research Methodology and Pharmaceutical Statistics
  - \* Advanced Biostatistics
- Pre Degree - diploma**
- \* Principles of Statistics



---

## CONTRIBUTION TO SOCIETY

(START DATE - END DATE , CONTRIBUTION , LEVEL)

- |                      |                                                                                                                      |
|----------------------|----------------------------------------------------------------------------------------------------------------------|
| April 2010 - Present | * Member of Yabous Charity Society – Rafah ,National                                                                 |
| 2007 - 2008          | * A representative of Palestine in the “Singapore Palestine dialogue” at Youth Challenge association. ,International |
| 2005 - 2005          | * Elected president for the 7th Youth Conference – Rafah, Palestine ,National                                        |
| 2004 - 2005          | * Member at the Youth Committee for the National Policy for Adolescents and Youth ,National                          |
| 2002 - 2005          | * General Secretary of Youth Parliament- Rafah ,National                                                             |
| 2000 - 2001          | * Coordinator of the “Generations Dialogue” ,National                                                                |
| 1996 - 2000          | * The founder and chairman of the Mini Palestinian Parliament ,National                                              |
- 

## SKILLS

(SKILL , PROFICIENCY )

Statistical software, such as (SPSS, R, SPlus, Minitab, ORIANA, AXIS) ,Excellent

---

## TRAINING COURSES

(YEAR , COURSE NAME , PLACE , INSTITUTION , PERIOD )

- 2013 ,Strategic planning ,Gaza ,Arab World Research and Development Center ,5 April 2013
- 2013 ,Statistical Modeling by SPSS ,Gaza ,Development Studies Center , 22 Feb 2013
- 2012 ,Thinking Skills and Teaching Strategies ,Gaza ,The Islamic University - Gaza ,January – March 2012
- 2011 ,Methods of Teaching Mathematics ,Gaza ,Tamer Association for Community Education ,April-December2011
- 2010 ,S-Plus workshop , Programming ,Institute of Mathematical sciences ,University of Malaya ,15 March 2010
- 2010 ,Sampling Techniques and data entry by using SPSS ,Gaza ,Palestinian women’s Information and Media Center ,12-15 May 2010
- 2009 ,SPSS workshop , Descriptive and inferential statistics ,Institute of Mathematical Sciences ,University of Malaya ,August 2009
- 2009 ,SPSS workshop , Descriptive and Inferential statistics ,University of Malay ,Institute of Postgraduate Studies University of Malay ,17-18 June 2009
- 2009 ,SPSS workshop , Descriptive and Inferential Statistics , Pahang, Malaysia ,Sultan Ahmed Shah Pahang Islamic College ,18-19 May 2009
- 2009 ,SPSS workshop , Descriptive Statistics ,Center for Foundation Studies in Science ,University of Malaya ,10 October 2009
- 2004 ,Youth and Human Rights ,Rafah ,Tamer Association for Community Education ,Dec. 2004- Feb.2005
-