

CURRICULUM VITAE

جامعة الأزهر
Al-Azhar University-Gaza



Dr. Ali Hassan Abu Zaid

Last Update:16/07/2023

PERSONAL DETAILS

Date Of Birth	17/1/1983	Place Of Birth	Palestine-Gaza
Nationality	Palestinian		
Martial Status	Married	Gender	Male
Designation	Professor		
Department	Mathematics		
Faculty	Science		
Tel. No. (Office)	00972-82148142		
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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)

2021 , till now	Professor ,Dept. of Mathematics, Al Azhar University -Gaza
2016 ,2021	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 ,2019	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

- 1 Abuzaid, A., Alshqaq, S. and Elbozom, M. (2023) . Statistical Modelling of Palestinian Meteorological Data Using Panel Data Techniques ,ASM Science Journal,18() ,1-11. (SCOUPS Cited Publication)
- 2 Abuzaid, A. H. , Alshqaq, S. S., and Ahmadini, A. A. (2023) . Selection of Optimal Regression-like Equations for Circular Regression Model via Mallows' Cp and AIC Criteria,Iranian Journal of Science ,47() ,. (ISI Cited Publication)
- 3 Alshqaq, S. S. and Abuzaid, A. H. (2023) . On The Robustness of Mallows Cp Criterion. ,Communications in Statistics - Simulation and Computation. ,52(3) ,1149-1163. (ISI Cited Publication)
- 4 Abuzaid, A. H., Aish, D. A. and Benghoul, M. (2022) . Anomalous Detection in Geostatistical Models with Application on Groundwater Level Data in the Gaza Coastal Aquifer,Songklanakarin Journal of Science and Technology.,44(6) ,1434-1441. (SCOUPS Cited Publication)
- 5 Alshqaq, S. and Abuzaid, A. H. (2021) . On The Robustness of Mallows Cp Criterion,Communications in Statistics - Simulation and Computation, DOI:10.1080/03610918.2021.1874988,() ,. (ISI/SCOUPS Cited Publication)
- 6 Jamal, F.; Abuzaid, A.H.; Tahir, M.H.; Nasir, M.A.; Khan, S. and Mashwani, W.K. (2021) . New Modified Burr III Distribution, Properties and Applications,Mathematical and Computational Applications,26(4) ,1-17. (SCOUPS Cited Publication)
- 7 Alshqaq, S. S., Abuzaid, A. H. and Ahmadini, A. A. (2021) . Robust Estimators for Circular Regression Models,Journal of King Saud University - Science,33(7) ,1-6. (ISI Cited Publication)
- 8 Abuzaid, A. H., Alshqaq, S. S., Elkhazendar, M. B. and Elburai, M. (2021) . Different Distributional Errors-in-Circular-Variables Models,Pakistan Journal of Statistics and Operation Research,17(3) ,577-589. (ISI Cited Publication)
- 9 Abuzaid, A. H. and El Shekh Ahmed, H. I. (2021) . On Outliers Detection in Circular Logistic Regression,Journal of Applied Probability and Statistics,16(1) ,95-110. (SCOUPS Cited Publication)
- 10 Alshqaq, S. S., Ahmadini, A. A. and Abuzaid, A. H. (2021) . Some New Robust Estimators for Circular Logistic Regression Model with Applications on Meteorological and Ecological Data. Mathematical ,Problems in Engineering,2021(Article ID 9944363,) , 15 pages. (ISI Cited Publication)
- 11 Abuzaid, A. H., Abed, E., Atta, A., & Mahdi, E. (2020) . An Alternative Diagnostic Procedure for Meta-Regression,tatistics, Optimization & Information Computing,8(1) ,54-65. (SCOUPS Cited Publication)
- 12 Esam Mahdi, Ali H. Abuzaid, Abdu M. A. Atta (2020) . Empirical variogram for achieving the best valid variogram,ommunications for Statistical Applications and Methods ,27(5) ,547-568. (SCOUPS Cited Publication)
- 13 Abuzaid, A (2020) . Identifying density-based local outliers in medical multivariate circular data,Statistics in Medicine,39(21) ,2793-2798. (ISI/SCOUPS Cited Publication)
- 14 Atta, A; Shoraim, M; Yahya, S; Abuzaid, Ali; Mahdi, E (2020) . Enhancing R Control Chart Performance in Monitoring Process Dispersion using Scaled Weighted Variance Method for Skewed Populations,Journal of Engineering and Applied Sciences,15(6) , 1508-1514. (SCOUPS Cited Publication)
- 15 Abuzaid, A. H. (2020) . Detection of Outliers in Univariate Circular Data by Means of the Outlier Local Factor (LOF) ,Statistics in Transition New Series,21(3) , 39–51. (SCOUPS Cited Publication)
- 16 Saleh, S. and Abuzaid, A. (2019) . Alternative Robust Variable Selection Procedures in Multiple Regression,STATISTICS, OPTIMIZATION AND INFORMATION COMPUTING,7(4) ,816–825. (SCOUPS Cited Publication)
- 17 NAJLA AHMED ALKASADI, SAFWATI IBRAHIM, ALI H. M. ABUZAIID, MOHD IRWAN YUSOFF, HASHIBAH HAMID, LEOW WAI ZHE & AMELIA BT ABD RAZAK (2019) . Outlier Detection in Multiple Circular Regression Model using DFFITC Statistic, Sains Malaysiana,48(7) ,1557–1563. (ISI Cited Publication)

- 18 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)
- 19 Alkasadi, N. A., Abuzaid, A. H. , Ibrahim S. and Yusoff M. I. (2018) . Outliers Detection in Multiple Circular Regression Model via DFBETAc Statistic, International Journal of Applied Engineering Research, 13(11) ,9083-9090. (SCOUPS Cited Publication)
- 20 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
- 21 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)
- 22 Abuzaid, A. H (2018) . A Half Circular Distribution For Modelling The Posterior Corneal Curvature. , Communication in Statistics – Theory and Methods. , 47(13) ,3118-3124 (DOI:10.1080/03610926.2017.1348521). (ISI/SCOUPS Cited Publication)
- 23 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)
- 24 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)
- 25 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)
- 26 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
- 27 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)
- 28 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
- 29 Abuzaid, A. H (2015) . The estimation of the Burr-XII parameters with middle censored data, SpringerPlus, 4(101) , 1-10. (ISI Cited Publication)
- 30 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)
- 31 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)
- 32 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)
- 33 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)
- 34 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)
- 35 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)

- 36 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)
- 37 Abuzaid, A. H. (2012) . Analysis of Mothers day Celebration Via Circular Statistics,The Philippine Statistician,,61(2) ,39-52
- 38 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)
- 39 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)
- 40 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)
- 41 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,
- 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)

2016 , till now	Rooting Development in the Palestinian Context ,Coordinator , ,International
2007 ,2010	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 International 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 International 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	<ul style="list-style-type: none"> * 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).
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SUPERVISION

(DEGREE ,CANDIDATES ,THESIS ,SESSION ,YEAR)

Completed	<ul style="list-style-type: none"> * Master ,Enas Abed ,On Outlier Detection in Meta Regression ,2018 ,Al Azhar University – Gaza. * Master ,Moahmmed Abu Jarad ,The Effectiveness of Employing the Lap Method on Developing the Geometric Concepts and Building the Spatial Visualization for Sixth Graders in Gaza, Department of Curricula and Teaching Methods ,2019 ,Al Azhar University-Gaza * Master ,Maryam Yousef Elburai ,On the functional relationship models with circular variables. ,2020 ,Al Azhar University – Gaza. * PHD ,Ikhlas Al Awar ,Alternative Procedures to Detect Outliers in Circular Data ,2020 , Ain Shams University, Egypt. * Master ,Nael Abdullah Elghalban ,On outliers detection in logistic regression model ,2020 ,Al Azhar University - Gaza * PHD ,Najla El Alkasadi ,Outliers in Multiple Regression Model ,2018 ,University Malaysia Perlis, Malaysia. * Master ,Walaa Abu Ellaban ,Angular Functional relationship model with Wrapped Cauchy Errors. ,2015 ,Al Azhar University - Gaza * Master ,Raida Zaqout ,Survival Analysis for duration of breastfeeding for the child in Palestine ,2013/2014 ,Al Azhar University - Gaza * Master ,Ahmed Hijazi ,Forecasting road accidents in Bethlehem ,2013/2014 ,Al Azhar University - Gaza * Master ,Nabeel Allahham ,On the simple angular regression model with wrapped Cauchy error ,2013/2014 ,Al Azhar University - Gaza * Master ,Rasha Darwish ,Canonical Correlation Analysis of the Big Five Factors of Personality and Future Anxiety ,2013/2014 ,Al Azhar University - Gaza * Master ,Mustafa Abu El-Qumsan ,On The Robustness of Censoring Schemes with Parametric Survival Data ,2012/2013 ,Al Azhar University - Gaza * Master ,Moneb Kelab ,On Discordancy Tests of the Wrapped Cauchy Distribution ,2012/2013 ,Al Azhar University - Gaza
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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	<ul style="list-style-type: none">* Mathematics for Management* Biostatistics* Calculus (I and II)* General Mathematics* Mathematical Statistics* Probability Theory* Applied Statistics* Regression Analysis* Numerical Methods and Logic
Post Graduate	<ul style="list-style-type: none">* Discrete Data Analysis* Statistical Laboratory* Inferential Statistics* Research Methodology and Pharmaceutical Statistics* Advanced Biostatistics
Pre Degree - diploma	<ul style="list-style-type: none">* Principles of Statistics

CONTRIBUTION TO SOCIETY

(START DATE - END DATE , CONTRIBUTION , LEVEL)

April 2010 - Present	<ul style="list-style-type: none">* Member of Yabous Charity Society – Rafah ,National
2007 - 2008	<ul style="list-style-type: none">* A representative of Palestine in the “Singapore Palestine dialogue” at Youth Challenge association. ,International
2005 - 2005	<ul style="list-style-type: none">* Elected president for the 7th Youth Conference – Rafah, Palestine ,National
2004 - 2005	<ul style="list-style-type: none">* Member at the Youth Committee for the National Policy for Adolescents and Youth ,National
2002 - 2005	<ul style="list-style-type: none">* General Secretary of Youth Parliament- Rafah ,National
2000 - 2001	<ul style="list-style-type: none">* Coordinator of the “Generations Dialogue” ,National
1996 - 2000	<ul style="list-style-type: none">* 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
