Curriculum Vitae

Abedel-Qader Salah Al-Masri

Instructor

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Education

M.Sc.		*1993, Yarmouk University, Jordan*
	Thesis Title	Combining independent tests in case of triangular and conditional shifted exponential distributions
	Emphasis	Mathematical Statistics
B.Sc.		*1990, Yarmouk University, Jordan*
	Major	Statistics

Personal

Date and place of Birth: Al-No'imah, October 27 1968   Marital Status: Married/one son

Nationality: Jordanian

Professional Experience

2004 – Present Yarmouk University – Jordan – Irbid

Dept. of Statistics: Instructor of Statistics

2000 – 2004 – Yarmouk University – Jordan – Irbid

Dept. of Statistics: Teaching assistant

1995 – 2000 Ministry of Planning – Jordan – Amman

Bureau Statistics (DOS): Statistical Analyst

Courses Taught

Course Code	Course Name
STAT 101	Introduction to Statistics (1) Text: a) Introduction to Probability and Statistics, Mendenhall, W., Beaver, J. and Beaver, M., 12th edition, 2006, Duxbury b) Introductory Statistics, Weiss, A. Neil. 1995. 4th edition. Addison-Wesley
STAT 105	Statistical Laboratory (1) by Minitab software
STAT 106	Statistical Laboratory(2)
STAT 107	Statistics for Business and Economics Students Text: Introduction to Statistics. Prof. Dr. Mohammad Abu Salih
STAT 201	Introduction to Statistics (2) Text: a) Introduction to Probability and Statistics, Mendenhall, W., Beaver, J. and Beaver, M., 12th edition, 2006, Duxbury b) Introductory Statistics, Weiss, A. Neil. 1995. 4th edition. Addison-Wesley
STAT 203	Biostatistics Text: a) Forthofer, R.N., Lee, E.S. and Hernandez, M., 2006. *Biostatistics: a guide to design, analysis and discovery*. Elsevier. b) Pagano, M. and Gauvreau, K., 2018. *Principles of biostatistics*. Chapman and Hall/CRC.
STAT 205	Statistical laboratory (3) Minitab software
STAT 211	Introduction to probability (2) Text: Mathematical Statistics With Applications. Fifth Edition, Dennis D. Wackerly, William Mendenhall and Richard L. Scheaffer.
STAT 234	Mathematical Statistics (1) Text: Introduction to Mathematical Statistics. Robert V. Hogg and Allen T. Craig. 4th edition, Macmillan publishing Co., Inc.
STAT 281	Statistical Packages Text: a) Landau, S. and Everitt B. 2004. A Handbook of Statistical Analyses Using SPSS. Chapman & Hall/CRC: USA. b) SPSS for Beginners, Vijay Gupta. Published by VJBooks Inc. c) Introduction to R. W. N. Venables, D. M. Smith and the R Development Core Team
STAT 472	Survey Design Text: a) Improving Survey Questions Design and Evaluation Applied Social Research Methods. Floyd J. Fowler, Jr. b) The power of survey design. Giuseppe Iarossi.

STAT 483	Case Studies and Project There are two parts in this course: First parts consist of reading some papers on statistical application and different case studies and discuss it in the class in terms of the scientific research rules . The second part consist of statistically analyzing some real life data (term paper) and discussing it in the class.

Publications:

❖ **Journal Articles**

1. **Al-Masri, A. S.,** Exact Bahadur Slope For Combining Independent Tests In Case Of Laplace Distribution. To appear **Jordanian Journal of Mathematics and Statistics (JJMS).**

2. **Al-Masri, A. S.,** Bahadur's Stochastic Comparison of Independent Tests In Case Of Weibull Distribution. To appear **Journal of Modern Applied Statistical Methods.**

3. Al-Talib, M., Al Kadiri, M., and **Al-Masri, A. S.,** (2020). Acceptance Sampling Plans Based on Truncated Life Tests for the Marshall-Olkin Inverse Gamma Distribution. **Jordanian Journal of Mathematics and Statistics (JJMS) 13(3),421-438.**

4. Shakhatreh, M. and **Al-Masri AQ**., (2020). On the weighted BurrXII distribution: theory and practice. **Electronic Journal of Applied Statistical Analysis 13 (1), 229-255.**

5. Al-Talib, M., Al Kadiri, M., and **Al-Masri, A. S.,** (2020). On combining independent tests in case of conditional normal distribution. **Communications in Statistics - Theory and Methods. vol. 49(23): 5627-5638.**

6. **Al-Masri, A. S. , (2018).** Acceptance sampling plans based on truncated life tests in the inverse-Gamma model. **Electronic Journal of Applied Statistical Analysis EJASA. Vol. 11(2):397-404.**

7. Al-Jararha, J., Al-Haj Ebrahem, M. and **Al-Masri, A. S. , (2011)** Estimating the Parameters of Degradation Models when Error Terms are Autocorrelated. **Austrian Journal of Statistics. Vol. 40(3):191-200.**

8. **Al-Masri, A. S. , (2010).** Combining Independent Tests of Conditional Shifted Exponential Distribution. **Journal of Modern Applied Statistical Methods. Vol. 9(1):221-226.**

9. Eidous , O ., **Al-Masri, A. S. , (2010)** Fourth-Order Kernel Method using Line Transect Sampling. **Advances and Applications in Statistics. Vol. 19(1): 65 – 79.**

10. Al-Haj Ebrahem, M, **Al-Masri, A. S. (2010).** Optimum Three-Step Step-Stress Plans for Cumulative Exposure Model Using Log-Logistic Distribution. **Journal of Probability and Statistical Science. 8(1):35-44.**

11. Al-Haj Ebrahem, M, **Al-Masri, A. S. (2009).** Optimum Quadratic Three Step-Stress Plans for Log-Logistic Distribution. **Metron International Journal of Statistics. LXVII(3): 243- 255**

12. **Al-Masri, A. S. ,** Al-Haj Ebrahem, M, **(2009).**Optimum Times for Step-Stress Cumulative Exposure Model Using Log-Logistic Distribution with Known Scale Parameter. **Austrian Journal of Statistics. Vol. 38(1):59-66.**

13. Al-Haj Ebrahem, M, **Al-Masri, A. S. (2009).** Estimating the Parameters of Rayleigh Cumulative Exposure Model In Simple Step-Stress Testing. **Journal of Modern Applied Statistical Methods. Vol. 8(2):478-487**

14. Al-Haj Ebrahem, M, **Al-Masri, A. S. , (2007).** Optimum Simple Step-Stress Plan For Log-Logistic cumulative Exposure Model. **Metron International Journal of Statistics. LXV(1): 23-34.**

15. Al-Haj Ebrahem, M. and **Al-Masri, A. S. , (2007)** ."Optimum Simple Step-Stress Plans for Log-Logistic Distribution under Time Censoring. ABHATH Al-YARMOUK: "Basic Sci. and Eng." **Vol. 16, pp 319-327.**

16. Eidous , O ., **Al-Masri, A. S. , (2006)** , Kernel-Exponential Model for Line Transect Density Estimation. To **Pak. J. Statist. 22(1). 51-61.**

17. Baklizi, **A. El-Masri, A. Q. ,**, and Al-Nasser, A. **(2005).** Acceptance sampling based on truncated life tests in the Rayleigh model. The Korean Communications in Statistics, 12(1), pp. 11 – 18.

18. Al-Nasser, A., Al-Haj Ebrahem, M., **Al-Masri, A. S. , (2005).** On the Use of L-Statistic In Wald-Type Estimators for Fitting a Straight Line When Both Variables are Subject to Error . **Pak. J. Statist.** 21(2): 179 –194.

19. Baklizi, A. and **Al-Masri, A. S. , (2004).** Shrinkage Estimation of $P(X < Y)$ in the Exponential case with Common Location Parameter. **Metrika, 59, 163-171.**

20. Madan, K. C., Al-Nasser, A. D., and **Al-Masri, A. S. , (2004).** On $M^{[x]}/(G1 G2)/1$ queue with Optional re-service. **Applied Mathematics and Computation, 152,71-88.**

21. Baklizi, A. and **Al-Masri, A. S. , (2004).** Acceptance Sampling Based on Truncated Life Tests in the Birnbaum Saunders Model. **Risk Analysis, 24(6),1453-1457.**

22. Abu-Dayyeh, W. and **Al-Masri, A. S. , (1994).** Combining Independent Tests of Triangular Distribution. **Statistics & Probability Letters, 21, 195-202.**

❖ **Other Publications**

- Statistical Lab I "Stat 106. Simulation experiments". Published University Text Book
- Statistical Lab III "Stat-205. Inference from Small Sample using MiniTab software". Unpublished University Text Book.

Refereeing & Assessment:
I revised papers for the following journals:

- Communications in Statistics - Theory and Methods
- Pakistan Journal of Statistics
- Colombian Journal of Statistics
- International Journal of Quality, Statistics and Reliability Management (IJQRM)
- Journal of Statistical Planning and Inference

Editorial board: Electronic Journal of Applied Statistical Analysis

Training

Demographic Analysis Workshop (66 hours). United States Department of Commerce. US Census Bureau. International Programs Center. 1999

Technology

Statistical Package: SAS, R, S-Plus, SPSS, Minitab, IMSL/Fortran Routine

Mathematical Package: Mathematica, MathCad