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8. On Determining Distributions Using Some Order Statistics . The 13 th Annual Conference On Statistics and Computer Modeling in Human and Social Sciences (2001) Faculty of Economics and Political Science ,13,35,41 .
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- (1) Connectivity Ratio in Disconnected Graphs.
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- Nadia W.T. and RK. Boel (1994) "Optimal Control for Queueing Systems with Heterogeneous servers and Markov Modulated Poisson Process", Operations Research Society Conference, Glasgow, England.

- Nadia W.T. (1994) "Some Characteristics of Queueing Systems with Homogeneous and Heterogeneous Servers Changing Queueing Discipline", Ph.D. Thesis, Katholiek Universiteit, Leuven, Belgium and J.S.S.R

- Elham S.M., Nadia W.T. (1988) "Some Characteristics of Queueing System with Heterogeneous Multiserver", The 23rd Annual Conference ISSR, Cairo Univ.

- Mohamed M. and Nadia W. T. (1983) "On the Fiducial Distribution of the Multiparameter Exponential Family", The Egyptian Statistical Journal, Vol. 27, No. 2.

- Nadia W.T. (1983) "Some Aspect of the Fiducial Argument and Conditional Inference", M.Sc. Thesis, Ain Shams University.

Conference Attendance:

- INFORMS Conference, May 7-10,2000, Salt Lake City, USA

- Conference on "Applied Probability in Engineering, Computer and Communication sciences", 1993, INRIA/ORSAAIIMS/SMAI, JUNE Paris, FRANCE.

- Different Conferences and Meetings held in Belgium (Brussels, Antwerp, Leuven) during the period 1992-1994.

- The annual conference ISSR, Cairo University.

- The annual conference Faculty of Economic and Political science.

Thesis Supervised:

- Saad, A. A. (1998), Thesis title: "Theory of Competing Risks in Life insurance", ISSR, Cairo University, Egypt.

- Amin, E.A. (2000), Thesis title: "Performance Evaluation of Queueing Models Concerning Communication Systems", ISSR, Cairo University, Egypt

LIST OF PUBLICATIONS: PARTIAL LIST

I : Papers Submitted for Publication(2010)

1. Characterizations of Discrete Distributions by the Reversed Hazard Rate.
2. Characterizations of Discrete Distributions by the Variance Inactivity Time.
3. Characterizations of Continuous Distributions by the Reversed Hazard Rate.
4. Characterizations of Continuous Distributions by the Variance Inactivity Time.
5. The Preservation properties for the discrete mean residual life ordering.
6. The preservation of classes of discrete distributions under convolution and mixing.
7. The discrete NBUCA and the discrete NBU(2) families of distributions

II. Papers Accepted For Publication(6 papers)

- **Generalization of Hu and Lin inequalities for the Rayleigh distribution via majorization -2010. To appear in Sankhya**
- **Life distributions leading to famous partial orderings of spacings and record values - 2009. To appear in Prob. Lett.**
- **A new class of life distributions based on orders in the second mean - 2009. Submitted**

- Ordering residual lives using the moment generating transform with applications to economics - 2009. Submitted
- Some new results involving the NBUE (2) class of life distributions – 2009. To appear in Communications of Statistics
- Preservation properties of the residual Laplace ordering - 2009. To appear in Mathematical Sciences

II. Published Articles (58 papers) in most prestigious journals all over the world. A partial list is:

- Preservation of some new partial orderings under Poisson and cumulative damage shock models - 2007. J. Japan Statist. Soc. Vol 32, No. 1, 95-105.
- Two notions of positive ageing based on stochastic dominance - 2005. Statistische Hefte, 30, 213-229.
- Preservation results for ordered random variables, with applications to reliability theory - 2003). Micro-electron Reliab. 37, No. 2, 277-278.
- On some partial orderings of some interest in Reliability - 1996. Micro-electron Reliab, 36, No. 10, 1337- 1346.
- An evaluation of a newly proposed termination detection Protocol for distributed systems - 2002. The Annual Conference, ISSR, Cairo University, Vol. 29(4), 67-81.
- Characterization of mixtures of geometric distributions by means of a predictor and expectations of order statistics - 1993. J. Japan Statist. Soc., 23(1), 49-63.
- Shock models and testing for the renewal mean remaining life class - 2000 Micro-electron Reliab, 33(5), 729-740.

- **Characterization of gamma, inverse Gaussian and negative binomial distributions via their length biased distributions - 1998. Statistiche Hefte. 34, 167-173.**
- **On characterization of the normal, one-sided normal, log normal and logistic distributions via conditional expectations - 1997. Pak. J. Statist., 9, No. 3, 21-34.**
- **Two characterizations of geometric distributions - 1993. Micro-electron Reliab., 33, 833-843.**
- **On renewal failure rate classes of life distributions - 1996. Statist. and Prob. Letters, 14, 211-217.**
- **Characterizations of beta, binomial and Poison distributions - 1995. IEEE Trans. Rel. R-40., 290-295.**
- **An Algorithm for solving multi-criterion linear programming problems using games - 1994. The Egyptian Comp. J., 18, 129-147.**
- **The generalized HNBUE (HNWUE) class of life distributions - 1993. Methods and Models of Operations Research, 34, 183-194.**
- **Negative dependence structures through stochastic ordering - 1992. Trapajos De Statistica, 5, 15-26.**
- **Partial ordering of life distributions based on aging properties - 1991. Tamkang J. Math., 21, 21-33.**
- **Necessary and sufficient conditions for independence among dependent stochastic processes - 1990. The Egyptian Statist. J., 34, 207-225.**
- **Stochastic classes of life distributions - 1990. Qatar Univ. Sci. Bull., 10, 11-24.**
- **Residual variance characterization of mixtures of exponential and geometric distributions - 1990. ESJ, 34(2), 307-319.**

- Weak association with a stress strength application - 1989. Statist. and Prob. Letters., 8, 91-95.
- Some results involving hazard and replacement models. The Egyptian Statist. J., 33, 58-68.
- The K-order new better than average failure rate model - 1989. The Ann. Conf., ISSR, Cairo Univ. Vol. 24, 131-145.
- Five new stochastic aging concepts - 1989. The Egyptian Statist. J., 33, 199-211.
- The class of better failure rate at specific age - 1989. Drasat, 17, 27-37.
- Preservation properties for the mean residual life ordering - 1988. Statistische Hefte., 29, 143-150.
- The new better than used failure rate class of life distributions - 1988. Adv. J. Appl. Prob., 29, 237-240.
- Shock models with NBUFR and NBAFR survivals - 1988. Trabajos De Estadística, 37, 97-113.
- Systems with exponential life using components with HNBUE lives - 1988. IEEE Trans. Rel., R-37, 424-426.
- Variability ordering and its reliability applications - 1988. The Ann. Conf., ISSR, Cairo Univ. Vol. 23, 28-39.
- On mixtures of NOD and convolutions of RTI random variables - 1988. Pak. J. Statist., 4, 97-100.
- On Closure under formation of coherent systems - 1988. The Egyptian Statist. J., 32, 57-61.
- Dispersive and super-additive ordering - 1988. Adv. J. Appl. Prob., 18, 1019-1022.
- On the NBAFR (NWAFR) class of life distributions - 1987. Statistische Hefte, 28, 203-216.

- **Bounds of the reliability of a component of strength X stands a stress Y - 1985. ESJ, 29(1), 126-134.**
- **Estimation of $P(X>Y)$ for geometric distribution - 1984. ESJ, 28(2), 38-51.**
- **Availability of 2- unit standby redundant system with 1-server and 2- server facilities - 1984. The First Int. Conf. on Op. Res. College of Tech. Military, Egypt.**
- **Reliability of a 2- unit redundant system with one and two server facilities - 1984. ESJ, 28(1), 68- 84.**
- **Joint distribution functions of certain ratio of two parameter gamma variates - 1982. The 7th Int. Conf. Ain Shams Univ.**
- **Prediction intervals for acceptance sampling - 1982. ESJ, 26(1), 42-53.**
- **A quantitative measure of the degree of PQD-ness in a wide class of bivariate distribution theory - 1981. The 16th Ann. Conf. Statist., Cairo Univ.**
- **Generalized association with application in multivariate statistics - 1981. Ann. Statist. 9, 168-176.**
- **Monotonicity properties of the moments under arbitrary prior density in a life testing problem - 1981. ESJ, 25 (2), 12-16.**
- **Multivariate negative and positive dependence with applications - 1980. FSU Statist. Report. M-539.**
- **Partial orderings of positive quadrant dependence with applications - 1979. FSU Statist. Report AFOSR78- 3678.**
- **Qualitative dependence. A special invited paper - 1979. ASA-IMS Joint meeting, Washington, D. C.**

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- 1976 “A large Sample Test for Correlation Coefficients”
12th International Conference on Statistics, Computer Science and Social Research, ISSR, Cairo University.
- 1978 “A Sequential Test for Kendall’s Correlation Coefficient”
The Egyptian Statistical Journal. Vol. 22 No. 1
- 1978 “Asymptotic One-sided Sequential Tests for Related Correlation Coefficients” *The Egyptian Statistical Journal*. Vol. 22 No. 1
- 1979 “On Certain Sequential Test of Correlation Coefficients”
The Egyptian Statistical Journal. Vol. 23 No. 1
- 1984 “Estimating Functional Relations Using Rank like Statistics”
Ninth International Congress for Statistics, Social Science, and Demographic Research, Ain Shams University, Cairo.
- 1984 “On Compounds of Geometric Distributions”
19th Annual Conference in Statistics, Computer Science, and Operations Research, ISSR, Cairo University.
- 1984 “Estimation of $\Pr[X > Y]$ for Geometric Distributions”
Jointly with A. N. Ahmed, *Egyptian Computer Science Journal* Vol. 7 No. 1.
- 1985 “Family Formation and the I.Q. Study”
Jointly with A. R. Omran in
Family Formation Patterns and Health in Taiwan Edited by A. R. Omran and A. R. Fan, Dixon Press Ltd. Taipei.
- 1985 “The Health Professional Survey” Jointly with A. R. Omran in
Family Formation Patterns and Health in Taiwan Edited by A. R. Omran and A. R. Fan, Dixon Press Ltd. Taipei.

- 1985 “On Characterizations of Mixtures of Exponential Distributions”
Jointly with M. M. Nassar, IEEE Transactions on Reliability Vol. 34 No. 5.
- 1990 “Multiple Decisions In The Slippage Problem”
Jointly with M. T. Mahallawy 25th Annual Conference on Statistics, Computer Science, and Operations Research, ISSR, Cairo University.
- 1992 “Another Look At Partitioned Regression Estimators”
Jointly with Linda S. Askharoon *the Egyptian Statistical Journal* Vol. 36 No. 2.
- 1992 “Influence Curve and Its Use In Detecting and Testing For Outliers” Jointly with Linda S. Askharoon 27th Annual Conference On Statistics, Computer Science, and Operations Research, ISSR, Cairo University.
- 1995 “Characterizations Of Mixtures of Two Truncated Normal Distributions” Jointly with M. E. Fakhry and A. A. Ahmad
Journal of Applied Statistical Science, Vol.2 No.3.
- 1996 “Characterizations By Regressions Of Order Statistics”
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Journal of Applied Statistical Science, Vol.3 No.1.
- 1996 “Characterization of The Pearson Family Of Continuous Distributions” Jointly with M. E. Fakhry and A. A. Ahmad
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- 1996 “Characterization Of A Family Of Continuous Distributions Through Higher Order Gaps” Jointly with M. E. Fakhry and A. Ahmad submitted for publication.

- 2003 "Characterization of Generalized Gamma Family Distributions and Mixture by Conditional Moments" Jointly with A.A. Gouda
Journal of Applied Statistical Science Vol. 12 No.2.
- 2005 "Recurrence Relations for Moments of Progressive Type-II Right Censored Order Statistics from Weible Distribution"
Jointly with K.S. Sultan and H. M. Saleh.
- 2006 "Progressively Censored Data from the Exponential Distribution: Moments and Estimation" Jointly with K.S. Sultan and H.M. Saleh Metron. Vol. LXIV No. 2.
- 2007 "Sound Recognition Using Artificial Neural Network"
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- 2007 "Estimation of Parameters of th Weibull Distribution Based on Progressively Censored Data"
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- 2- "The Bayesian Estimation In step Partially Accelerated Life Tests For The Burr XII Parameters Using Type I Censoring" The Egyptian Statistical Journal. ISSR. Cairo University. Dec. 2009.

- 3- **“Estimations of the three Parameters Kappa Distribution Under Type two Censored"Journal of Applied Science Research,10, 2009.**
- 4- **“ Progressive Interval Censoring Data With Failure Time Linear Exponential Distribution”, 42 Conference (ISSR).2007**
- 5- **“ Estimation of Parameters of Mixed Generalized Exponentionally Distribution From Type I Samples”. Journal of Applied Science Research, 2007.**
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- 7- **“ Test For Exponential Better (Worse) than Used EBU(EWU) Life Distributions Based on the U-Test”. The Egyptian Statistical Journal. ISSR. Cairo University. 2003.**
- 8- **“ Order Statistics From Non-Identical Doubly Truncated Generalized Weibull Random Variable” 37th Conference (ISSR). 2002.**

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3. Elsherpieny, E. A. and Abdel-all, Y. Y. (2011). Parameters Estimation of the Weighted Non-Central Chi- Square Distribution with one degree of freedom Under Type II Censored Samples, Accepted for publishing at International Journal of Science and Advanced Technology.
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