

Curriculum Vitae

Prof. Amjad D. Al-Nasser (Ph. D.)
Vice President
Professor of Applied Statistics
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Google	27	4320
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https://www.webofscience.com/wos/author/record/1572451		https://www.adscientificindex.com/scientist/amjad-d-al-nasser/5013632#	
https://www.scopus.com/authid/detail.uri?authorId=8450540200		https://yu.academia.edu/AmjadAlNasser	
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https://scholar.google.com/citations?user=9NQ4-HwAAAAJ&hl=en		https://www.semanticscholar.org/author/Amjad-D.-Al-Nasser/1394698539	
https://www.joip.jo/profile/100059400.200.386.0000-0001-7515-2357/works/		https://ideas.repec.org/e/pal127.html	
https://livedna.net/?dna=962.488		https://www.researchgate.net/profile/Amjad-Al-Nasser	

Education

Ph.D.		2001, National University of Malaysia - Malaysia
	Dissertation Title	Generalized Maximum Entropy Estimation Approach to Errors-In-Variables Models
	Emphasis	Applied Statistics
M.Sc.		1995, Yarmouk University – Jordan
	Thesis Title	On the Power Function of the Likelihood Ratio Test (LRT) for Restricted Alternative in the Case of Multivariate Normal Distribution.
	Emphasis	Mathematical Statistics
B.Sc.		1990, Yarmouk University – Jordan
	Major	Statistics/Computer Science

Administrative Experiences

2025 (October 5) - – Now	Professor Vice President , Yarmouk University, Irbid, Jordan.
2023 (August 31) - – 2025 (August 30)	Professor Dean , Faculty of Science, Yarmouk University, Irbid, Jordan.
2021 (August 24) - – August 2023	Professor Vice Dean , Faculty of Science, Yarmouk University, Irbid, Jordan.
2020 (August 23) - – August 2021	Professor Vice President for Academic Affairs , Al Falah University, Dubai
2017 (September 6) - – September 2018	Professor Vice Dean of Scientific Research and Graduate Studies, Yarmouk University, Jordan
2016 (February)- – August 2017,	Director of Quality Assurance and Institutional Effectiveness Center, Al Falah University, Dubai.
2014 (September)- – 2016 (February)	Chair , Department of Statistics Yarmouk University, Irbid, Jordan.
2014 (December)- – 2015 (September)	Assistant Dean of Quality Assurance - Faculty of Science Yarmouk University, Irbid, Jordan.
2012 (August)- – 2013 (August) “Vacation Leave”	Chair , Department of Economics and Statistics; University of Dubai, Dubai, UAE. (AACSB)

- 2012 (August)-
– 2013 (August)**
“*Vacation Leave*”
Chair, UD Research Center and Consultancy;
University of Dubai, Dubai, UAE. (*AACSB*)
- 2009 (November)-
– 2010 (December)**
“*Vacation Leave*”
Head Section - Area Planning & Residents Relations
Western Region Municipality, Delma Island, Abu Dhabi,
UAE.
- 2000 – 2001**
Appointed as a **consultant** by AD-MACS Crop. Consultants (M)
Bhd to develop Statistical Software for measuring the “ Malaysian
Customer Satisfaction Index” and “ Quality and Productivity
Measurement and Improvement”, 2001.

Academic Positions

- 2015 (March 30) -
– Present**
Professor
Department of Statistics, Yarmouk University, Jordan (ABET)
- 2020 (August 23) -
– August 2021**
Professor
Vice President for Academic Affairs, Al Falah University, Dubai
- 2016 (February 3) -
– August 2017**
Professor
Director of Quality Assurance and Institutional Effectiveness Center,
Al Falah University, Dubai
- 2008 (March)-
– 2015 (March 29)**
Associate Professor
Department of Statistics, Yarmouk University, Jordan
- 2011 (January) -
– 2014 (August)**
Associate Professor
College of Business Administration, University of Dubai
(AACSB)
- 2003 (January)-
– 2008 (March)**
Assistant Professor
Department of Statistics, Yarmouk University
- 2001(September) –
2003 (January)**
Lecturer
Department of Statistics, Yarmouk University
- 2001(January) –
2001(August)**
Assistant Professor
Department of Business Administration, KEMNS
International Islamic University Malaysia
- 1999- 2000**
Lecturer
Department of Mathematics, Sedyya College
Kuala Lumpur –Malaysia
- 1995 – 1996** Part-Time Lecturer, Department of Statistics, Yarmouk University

Administration Responsibilities

Dean, Faculty of Science (2023 – 2025: Yarmouk University): Provided comprehensive leadership and strategic oversight for the Faculty of Science, managing all academic, administrative, and research functions to ensure the faculty's alignment with the university's mission and vision. Directed the development, review, and accreditation of undergraduate and graduate programs, ensuring compliance with national and international academic standards. Led faculty recruitment, promotion, and professional development initiatives to enhance teaching quality and research productivity.

Championed interdisciplinary research collaborations and fostered partnerships with industry, governmental agencies, and academic institutions to advance scientific innovation and community engagement. Oversaw budgeting, resource allocation, and infrastructure development to support faculty growth and student success. Facilitated effective faculty governance and represented the faculty in university councils, committees, and external forums, contributing to policy formulation and institutional planning.

VPAA (2020 – 2021: Al-Falah University Dubai): Led the strategic direction of the university's academic affairs, including academic planning, curriculum development, program accreditation, and research advancement. Oversaw faculty recruitment, promotion, and development; directed institutional quality assurance and academic policy implementation; and chaired key academic committees. Collaborated with deans and administrative units to ensure academic excellence, regulatory compliance, and continuous improvement across all colleges and programs.

Director, Quality Assurance and Institutional Effectiveness Center (2016 – 2017: Al-Falah University Dubai): Directed the university's quality assurance and institutional effectiveness strategies to promote a culture of continuous improvement and academic excellence. Oversaw the development and implementation of quality assurance frameworks, program and institutional accreditation processes, and key performance indicators. Led internal and external audits, coordinated self-study and benchmarking activities, and ensured alignment with national and international accreditation standards. Provided leadership in institutional planning, assessment, and data-informed decision-making across all academic and administrative units.

Vice Dean of Scientific Research and Graduate Studies (2017 – 2018: Yarmouk University): Provided leadership and strategic oversight for the development and administration of scientific research and graduate education within the university. Coordinated the planning, implementation, and evaluation of graduate programs, ensuring alignment with academic standards and accreditation requirements. Promoted research excellence by facilitating funding opportunities, interdisciplinary collaborations, and partnerships with external stakeholders, including government agencies and industry. Managed the graduate admissions process, curriculum development, and academic advising to support graduate student success and retention. Directed the organization of research seminars, workshops, and conferences to foster a vibrant research culture. Oversaw compliance with ethical research standards and institutional policies. Collaborated closely with faculty, research centers, and administrative units to enhance the quality and impact of scientific research and graduate studies across disciplines.






Chair, Department of Economics and Statistics (2012 – 2013: Dubai University): Provided academic and administrative leadership for the Department of Economics and Statistics within an AACSB-accredited business school. Directed curriculum development, faculty recruitment, and performance evaluation to ensure high-quality teaching and research aligned with international standards. Oversaw program accreditation processes and maintained compliance with AACSB criteria, fostering continuous improvement and innovation. Led strategic planning initiatives to enhance departmental research output, interdisciplinary collaboration, and community engagement. Managed departmental budgeting, resource allocation, and student academic affairs, promoting a supportive learning environment. Coordinated with university administration and external partners to advance the department's mission and reputation locally and internationally.

Awards

1. **Excellence Research Award: Best Researcher at Yarmouk University for the Academic Year 2017/2018.** Yarmouk University. Jordan. 13-2-2020.
2. **Top productive researcher at Yarmouk University,** for the year 2018-2019. Scopus Database.
3. **Second Most cited Statistician in Jordan** for the year 2018-now, **based on Google Scholar Database.**
4. **Excellence Research Award.** University of Dubai. Dubai. UAE. 2012
5. **Elected member of the “International Statistical Institute (ISI)”**, 2010. The Netherlands.
6. **Selected one of the “LEADING SCIENTISTS of the WORLD, 2008”.** International Biographical Centre. Cambridge, England.
7. **Selected for inclusion in “10th Who’s Who in Science and Engineering, 2007”** Marquis Who’s Who, New Jersey, USA.
8. **Excellent Student Award for Master's Degree,** Yarmouk University, 1995.

University Accreditation Experiences

Based on my administration’s roles in different universities, I participated in preparing the application profiles for the following international accreditation Agencies:

 Applied and Natural Science Accreditation Commission	ABET (Accreditation Board for Engineering and Technology): <ul style="list-style-type: none"> Department of Statistics, Yarmouk University — accredited for 2022/2023. Departments of Mathematics, Physics, and Chemistry, Yarmouk University — accredited for 2024/2025.
 AACSB ACCREDITED	AACSB: The Association to Advance Collegiate Schools of Business: In both UD (2013/2014) and AFU (2020/2021).
 QAA	QAA: Quality assurance for higher education: In AFU at university level (2020/2021).
 AQAS	AQAS: Agency for Quality Assurance: In AFU (2020/2021) at the College Level (College of Mass Communication).
 targeting quality Hcéres	HCERES: High Council for Evaluation of Research and Higher Education: In AFU (2020/2021) at College Level (College of Law)

Research Interests

- Generalized Maximum Entropy
- Ranked Set Sampling
- Measurement Error Models
- Acceptance Sampling Plans
- Statistical Control Charts
- Distribution Theory

Activities

1. Organizing the *fourth AFU international conference: TASK in Crises Time (TASK2021)*, 19th – 20th May, 2021. Al Falah University, Dubai, UAE.
2. Organizing the “Statistician’s Pioneers Day” at Department of Statistics, Faculty of Sciences, Yarmouk University-Jordan, 20, October, 2019.
3. Organizing the *first AFU international conference: Toward Advanced Scientific knowledge in Business Sciences (TASK2017)*, 3rd – 4th May, 2017. Al Falah University, Dubai, UAE.
4. Organizing the *second research workshop in Al Falah University, Dubai: Bussiness Data Analysis: A crossroad Between Business and Society..* 15th– 16th Februray 2017. Al Falah University, Dubai, UAE.
5. Organizing the *first research workshop in Al Falah University, Dubai: Bussiness Data Analysis: A crossroad Between Research and Education..* 27th– 28th April 2016. Al Falah University, Dubai, UAE.
6. Organizing the *Second Jordanian National Congress of Statistics*. 2nd– 3rd December 2015. Yarmouk University.
7. Organizing the *first Jordanian National Congress of Statistics*. 22nd – 23rd May 2007. Yarmouk University.
8. Organizing the *6th Jordanian International Congress of Mathematics*. 31st August – 3rd September 2004. Yarmouk University.
9. Member of the scientific committee. For two rounds, 2006 and 2008; of the conference: *Methods, Models and Information Technologies for decision support systems (MTISD)*. Italy.
10. Gave consultations to many graduate students and faculty at Yarmouk University and other universities in many of Arabs Countries (UAE, KSA, Kuwait), and Other countries (UK, Italy, Malaysia, and Austuralia)
11. Gave consultations to several individuals who are working in various places.

Memberships

- 1- Asian Council of Science Editors (ACSE). 2018.
- 2- International Statistical Institute. ISI. 2010.
- 3- Bernoulli Society. Netherland. 2010.
- 4- Jordanian Mathematical Society. 2003 - 2009
- 5- Member of the Course File Committee, at University level, Yarmouk University, 2017/2018.
- 6- Member of the Scientific Research Council, at university level, Yarmouk University, for one year; 2017/2018.
- 7- Member of the Graduate Studies Council, at the University level, Yarmouk University, for one year; 2017/2018.
- 8- Member of the Strategic Plan Committee, at the University level, Yarmouk University, 2015/2016.
- 9- Member of the Quality Assurance Council at the University level, Yarmouk University, for two years, starting from October 2015.
- 10- Member of the MBA committee in the College of Business Administration, University of Dubai. 2010 – 2014
- 11- Served as a member of multiple university and faculty committees at Yarmouk University (2022–2025), including those for Quality Assurance, Curriculum Development, Research and Publications (*Scopus*), Academic Promotions, Scholarships, Institutional Self-Assessment, University Regulations, Budget and Financial Affairs, Honorary Degrees, Faculty Leave Policy, Artificial Intelligence in Timetable Preparation, and Performance Evaluation, as well as the University Council.
- 12- Member of the Self-Evaluation Committee at the University Level, 2019-2020
- 13- Member of the College Council, Faculty of Science, Yarmouk University: 2002/2003; 2014/2015 and 2015/2016.
- 14- Member of Several Committees (Quality Assurance, Planning, Investigations, Curriculum Review and Research Committee) in the Faculty of Science, and the Department of Statistics. Yarmouk University. 2003-2009, 2014-2019.
- 15- Member of Several Committees, at department and college levels (Academic Affairs Committee, Curriculum Review Committee, Research Committee, and MBA Committee) in the College of Business Administration, and the Department of Economics and Statistics, University of Dubai. 2010 - 2014

Editorship and Refereeing Activities

1. Founding Editor:

- (a) **Electronic Journal of Applied Statistical Analysis (EJASA)**. Indexed by **Emerging Thomson Router (WoS Core Collection (ESCI)) and Scopus**. <http://siba-esu.unisalento.it/index.php/ejasa/> (e-ISSN: 2070-5948).
- (b) **Electronic Journal of Applied Statistical Analysis: Decision Support Systems and Services Evaluation: EJASA-DSS** (e-ISSN: 2037-3627). http://siba-esu.unile.it/index.php/ejasa_dss
- 2. **Editor of the Asian Journal of Mathematics and Statistics**. (ISSN (print) 2077-2068; ISSN (Online) 1994-5418). www.ansinet.com/ajms
- 3. **Editorial Membership**: Jordan Journal of Statistics and Mathematics, Statistics and Applications; Journal of Quantitative Methods; Borneo Science: The Journal of Science and Technology; International Journal of Open Problems in Computer Science and Mathematics; African Journal of Mathematics and Computer Science Research; Asian Journal of Scientific Research; InterStat.
- 4. Reviewer for more than 30 Journals such as: Statistica Neerlandica, Statistics in Transition - New series, Journal of Nonparametric Statistics; Journal of Applied Statistics; Journal of Classifications; Computational Statistics and Data Analysis; Journal of Modern Applied Statistical Methods; *Haceteppe Journal of Mathematics and Statistics*; InterStat; Pakistan Journal of Statistics; Pakistan Journal of Statistics and Operation Research; International Journal of Open Problems in Computer Science and Mathematics (IJOPCM); Asian Journal of Mathematics and Statistics; Asian Journal of Scientific Research; Derasat: Jordan University; Jordan journal of Mathematics and Statistics; African Journal of Mathematics and Computer Science Research; Sultan Qaboos University: Journal of Science; and many more.

Publications (Articles in Journals)

- 1. Al Dibi'i, R., Abdul Rahman, R., & **Al-Nasser, A. (2025)**. New Robust Weighted Grouping Method for Multiple Models. *Jordan Journal of Mathematics and Statistics*, 18(2), 205-221.
- 2. Al-Nasser, A., & Hanandeh, A. (2025). Stochastic Generator of a New Family of Lifetime Distributions with Illustration: REVSTAT. 23(1): 139 – 160.
- 3. Al Dibi'i, R., Abdul Rahman, R., & **Al-Nasser, A. (2024)**. Fitting data to a multiple structural measurement errors model. *Communications in Statistics - Simulation and Computation*, 1–18. <https://doi.org/10.1080/03610918.2024.2369802>

4. Al Dibi'i, R., Abdul Rahman, R., & **Al-Nasser, A. (2024)**. Weighted Grouping Estimation Method for Fitting Multiple Structural Regression Model when all Variables are Subject to Errors. *Pakistan Journal of Statistics and Operation Research*, 20(3), 471-488. <https://doi.org/10.18187/pjsor.v20i3.4483>
5. AL-Ananzeh, A., & **Al-Nasser, A. (2024)**. Relationships between Smoking Rate and COVID-19 Death Rate when Both Variables are Subject to Errors: Arab World Case Study. *Electronic Journal of Applied Statistical Analysis*, 17(2), 382 - 391. doi:10.1285/i20705948v17n2p382
6. Alzubai, S., **Al-Nasser, A.D. (2024)**. Fitting Big Data Using Structural Measurement Error Model. In: Burqan, A., *et al.* Mathematical Analysis and Numerical Methods. IACMC 2023. Springer Proceedings in Mathematics & Statistics, vol 466. Springer, Singapore. https://doi.org/10.1007/978-981-97-4876-1_30
7. Al-Hakim Majdalawi, A., **Al-Nasser, A.D. (2024)**. Fitting Regression Models When Both Variables Are Subject to Non-normal Error Terms. In: Burqan, A., *et al.* Mathematical Analysis and Numerical Methods. IACMC 2023. Springer Proceedings in Mathematics & Statistics, vol 466. Springer, Singapore. https://doi.org/10.1007/978-981-97-4876-1_13
8. Al-Zoubaidi, M., **Al-Nasser, A.D. (2024)**. Entropy-Based Weighted Exponential Regression. In: Burqan, A., *et al.* Mathematical Analysis and Numerical Methods. IACMC 2023. Springer Proceedings in Mathematics & Statistics, vol 466. Springer, Singapore. https://doi.org/10.1007/978-981-97-4876-1_8
9. AL Dibi'i, R., Abdul Rahman, R., & **Al-Nasser, A. (2023)**. New Wald-Type Estimation Procedures for fitting Structural Measurement Error Model. *Electronic Journal of Applied Statistical Analysis*, 16(2), 487 - 506. doi:10.1285/i20705948v16n2p487
10. Al-Talib, M., **Al-Nasser, A.**, Al-Juneidi, B., & Ince, N. **(2023)**. Theory and Optimization of Generalized Maximum Intuitionistic Fuzzy Entropy Methods. *Electronic Journal of Applied Statistical Analysis*, 16(2), 294 - 310. doi:10.1285/i20705948v16n2p294
11. Al-Talib, M., **Al-Nasser, A.**, & Ciavolino, E. **2023**. GOLD DISTRIBUTION Another Look on the Generalization of Lindley Distribution. *Pakistan Journal of Statistics and Operation Research*, 19(2), 241-256. <https://doi.org/10.18187/pjsor.v19i2.3255>.
12. **Amjad D. Al-Nasser**, Aymen Al Rawashdeh, Andalib Talal. **2022**. On Using Shannon Entropy Measure for Formulating New Weighted Exponential Distribution. *Journal of Taibah University for Science*, 16 (1), 1035-1047.

13. **Amjad D. Al-Nasser**, Baraa Y. Alhroub. **2022**. Acceptance Sampling Plans Using Hypergeometric Theory for Finite Population Under Q-Weibull Distribution. *Electronic Journal of Applied Statistical Analysis* 15 (2), 374-388
14. Ahmad A. Hanandeh, **Amjad D. Al-Nasser**, Amer I. Al-Omari. **2022**. New double stage ranked set sampling for estimating the population mean. *Electronic Journal of Applied Statistical Analysis* 15 (2), 485-500
15. Ahmad A. Hanandeh, Amjad D. Al-Nasser, Amer I. Al-Omari. **2022**. New Mixed Ranked Set Sampling Variations. *STAT.* 11(1), e417. First published: 24 August 2021. <https://doi.org/10.1002/sta4.417>
16. **Amjad D. Al-Nasser**, M Ahsan ul Haq . **2021**. Acceptance sampling plans from a truncated life test based on the power Lomax distribution with application to manufacturing. *STATISTICS IN TRANSITION new series* 22 (3), 01-13
17. Ahmad Hanandeh & **Amjad D. Al-Nasser**. **2021**. New distribution for fitting discrete data: the Poisson-gold distribution and its statistical properties. *Austrian Statistical Journal.* 50 (4), 19-35.
18. Ahmad Hanandeh & **Amjad D. Al-Nasser**. **2021**. Modified Minimax Ranked Set Sampling. *Pakistan Journal of Statistics*, 37 (2), 159-177.
19. Mohammed Obeidat, **Amjad D. Al-Nasser** & Amer Al-Omari. **2020**. Estimation of Generalized Gompertz Distribution Parameters under Ranked-Set Sampling, *Journal of Probability and Statistics*, 2020, 7362657, 14 pages, 2020. <https://doi.org/10.1155/2020/7362657>
20. Ahmad Hanandeh & **Amjad D. Al-Nasser**. **2020**. Improved Shewhart Control Chart using Minimax Ranked Set Sampling. *REVISTA INVESTIGACION OPERACIONAL*, 41 (7), 923-934.
21. AL-Omari, A; Ciavolino E, **Amjad D. Al-Nasser**. **2020**. Economic design of acceptance sampling plans for truncated life tests using three-parameter Lindley distribution. *Journal of Modern Applied Statistical Analysis*. **Accepted**, 31-12-2018
22. **Amjad D. Al-Nasser**, Ciavolino E, AL-Omari, A. **2020**. Extreme ranked repetitive sampling control chart. *Pesquisa Operacional.* **40**, e226135, 1-16.
23. Rabi, F.A.; Al Zoubi, M.S.; Kasasbeh, G.A.; Salameh, D.M.; **Al-Nasser, A.D.** SARS-CoV-2 and coronavirus disease 2019: what we know so far. *Pathogens* **2020**, 9, 231. <https://doi.org/10.3390/pathogens9030231>
24. **Amjad D. Al-Nasser** & Mohammed Obeidat. **2020**. Acceptance sampling plans from truncated life test based on Tsallis q -exponential distribution, *Journal of Applied Statistics*, 47, 4, 685-697. DOI: [10.1080/02664763.2019.1650254](https://doi.org/10.1080/02664763.2019.1650254)

25. Angelo Corallo, Laura Fortunato, Andrea Massafra, Paola Pasca, Mario Angelelli, Mike Hobbs, **Amjad D. Al-Nasser**, Amer I. Al-Omari, Enrico Ciavolino. (2019). Sentiment analysis of expectation and perception of MILANO EXPO2015 in twitter data: a generalized cross entropy approach. **Soft Computing**, Published online on 25 September, 2019. DOI: [10.1007/s00500-019-04368-7](https://doi.org/10.1007/s00500-019-04368-7)
26. **Amjad D. Al-Nasser**, Said Sami Al Hallaq. 2019. *Impact of human poverty on the human development index in jordan within the period 2003 - 2016*. **International Journal of Business and Society**, 20(2), 552-562.
27. Enrico Ciavolino, Gloria Lagetto, Andrea Montinari, **Amjad D. Al-Nasser**, Amer I. Al-Omari, Matteo J. Zaterini, Sergio Salvatore. 2019. Customer satisfaction and service domains: a further development of PROSERV. *Quality & Quantity* (Accepted). <https://doi.org/10.1007/s11135-019-00888-4>.
28. AL-Omari, A; **Amjad D. Al-Nasser**. 2019. A two-parameter quasi lindley distribution in acceptance sampling plans from truncated life tests. *Pakistan Journal of Statistics and Operation research*. 15(1): 39-47.
29. Al-Omari A; **Amjad D. Al-Nasser** and Enrico Ciavolino. 2019. Acceptance sampling plans based on truncated life tests for Rama distribution. *International Journal of Quality & Reliability Management*. 36(7), 1181-1191. <https://doi.org/10.1108/IJQRM-04-2018-0107>
30. Ciavolino E., Crocetta C., **Al-Nasser A.D.** (2019) *Entropy measures: an health care study*. In: Crocetta C. (eds) *Theoretical and Applied Statistics*. SIS 2015. Springer Proceedings in Mathematics & Statistics, vol 274. Springer, Cham. ISBN 978-3-030-05419-9, https://doi.org/10.1007/978-3-030-05420-5_1.
31. Muhaidat, Riyadh; Brake, Mohammad H.; Al Zoubi, Mazhar; Colautti, Robert I.; **Al-Nasser, Amjad**; Awawdeh, Muheeb; Al-Batayneh, Khaled; Al Khateeb, Wesam; McKown, Athena D.; Lahham, Jamil; El-Oqlah, Ahmad, 2019, "Data from: Integrating morphological characters, molecular markers, and distribution patterns to assess the identity of Blepharis species from Jordan", <https://doi.org/10.5683/SP2/D9UUQ3>, Scholars Portal Dataverse, V1
32. **Al-Nasser A.D.** (2019). The journey from entropy to generalized maximum entropy. *Journal of Quantitative Methods (JQM)*. 3(1): 1-7.; (*Invited Editorial Paper*). <https://doi.org/10.29145/2019/jqm/030101>
33. AL-Omari, A; **Amjad D. Al-Nasser**, Ciavolino E,. (2019). A size-biased ishita distribution and application to real data. *Quality and Quantity*. 53(1), 493-512.

34. **Amjad D. Al-Nasser**, Aslam M. (2019). Developing a new control chart based on repetitive ranked set sampling. Book Chapter in: ranked set sampling: 65 years improving the accuracy in Data Gathering. **Vol.1, pp: 9-23**, Elsevier.
35. Eidous Medhat; **Amjad D. Al-Nasser**. 2018. On fitting measurement error model using sample entropy moments. *Statistica and Applicazioni* - Vol. XVI, n. 1, 19-29.
36. Mohamed Behery, **Amjad D. Al-Nasser**, Fauzia Jabeen, Ahmed Said El Rawas. (2018). Toxic leadership and organizational citizenship behavior: a mediation effect of followers' trust and commitment in the middle east. *International Journal of Business and Society*. 19(3):762-780.
37. **Amjad D. Al-Nasser**, Amer I. Al-Omari Ahmed Bani-Mustafa, Khalifa Jaber. 2018. Developing single-acceptance sampling plans based on a truncated lifetime test for an ishita distribution. *Statistics in transition new series*. 19(3), 393-406.
38. Mohammad Al-Talib, **Amjad D. Al-Nasser**. 2018. New fuzzy entropy of order α . *Pakistan Journal of Statistics and Operation Research*. 14(4): 831-838.
39. **Amjad D. Al-Nasser**, Amer I. Al-Omari and Fatima S. Gogah. 2018. A double acceptance sampling plan for quasi lindley distribution. *Journal of the North for Basic and Applied Sciences (JNBAS)*, (2018/1440 H), Vol. (3), Issue (2), 120-130.
40. Ahmed Bani-Mustafa, K. M. Matawie, C. F. Finch, **Amjad Al-Nasser**, Enrico Ciavolino. 2018. Recursive residuals for linear mixed models. *Quality and Quantity*. <https://doi.org/10.1007/s11135-018-0814-6>. Published online in 29-9-2018.
41. **Amjad D. Al-Nasser** and Amer I. Al-Omari. 2018. Minimax ranked set sampling. *Revista Investigación Operacional*. 39(4), 560-570.
42. Al-Omari A; Aslam M, **Amjad D. Al-Nasser**. 2018. Acceptance sampling plans from truncated life tests using marshall-olkin esscher transformed laplace distribution. *Journal of Reliability and Statistical Sciences*. 11(1): 103-115.
43. Riyadh Muhaidat, Mohammad H. Brake, Mazhar Al Zoubi, Robert I. Colautti, **Amjad Al-Nasser**, Muheeb Awawdeh, Khalid Al-Batayneh, Wesam Al Khateeb, Athena D. McKown, Jamil Lahham, Ahmad El-Oqlah. 2018. Integrating morphological characters, molecular markers, and distribution patterns to assess the identity of *Blepharis* species from Jordan. *Botanical studies*, (2018) 59: 18. <https://doi.org/10.1186/s40529-018-0234-x>
44. Fatima S. Gogah and **Amjad D. Al-Nasser**. 2018. Median ranked acceptance sampling plans for exponential distribution. *Afrika Matematika*. 29 (3-4), 477 - 497. <https://doi.org/10.1007/s13370-018-0555-7>

45. Amer I. Al-Omari and **Amjad D. Al-Nasser**. 2018. Ratio estimation using multistage median ranked set sampling approach. *Journal of Statistical Theory and Practice* . **12(3): 512-529**. <https://doi.org/10.1080/15598608.2018.1425168>
46. Ambreen Shafqat, Jaffer Hussain, **Amjad D. Al-Nasser**, Muhammad Aslam. 2018. Attribute control chart for some popular distributions. *Communications in Statistics: Theory and Methods*. **47(8), 1978 - 1988**. <https://doi.org/10.1080/03610926.2017.1335414>
47. **Amjad D. Al-Nasser** and Fatima S. Gogah. 2017. On using the median ranked set sampling for developing reliability test plans under generalized exponential distribution. *Pakistan Journal of Statistics and Operation Research*. **13(4), 757-774**.
48. Ihashmi Maryam, Jabeen Fauzia, **Amjad D. Al-Nasser**, Papastathopoulos Avraam. 2017. The antecedents of employee turnover intentions in the police force in the united arab emirates: a conceptual framework. *International Journal of Business and Society*. 18(S3), 449-462.
49. Amer I. Al-Omari, **Amjad D. Al-Nasser**, Fatima S. Gogah and Muhammad A. Haq. 2017. On exponentiated generalized inverse Rayleigh distribution based on truncated life tests in double acceptance sampling plan. *Stochastics and Quality Control* 32 (1), 37- 48.
50. Behery M., **Amjad D. Al-Nasser; &** Parakandi, Mohammed. 2017. Examining the effect of leadership on women's career paths in the Middle-East: A mediation effect of the glass ceiling in the United Arab Emirates". *Journal of Competitiveness Studies*. 25 (3-4), 266 – 286.
51. Imen Kouki and **Amjad D. Al-Nasser**. 2017. The implication of banking competition: evidence from African countries. *Research in International Business and Finance*. 39, part.B. 878-895. [doi:10.1016/j.ribaf.2014.09.009](https://doi.org/10.1016/j.ribaf.2014.09.009).
52. Alyahya, M.S. Hijazi, H.H., Alshraideh, H.A. and **Amjad D. Al-Nasser**. 2017. Using decision trees to explore the association between the length of stay and potentially avoidable readmissions: A retrospective cohort study. *Informatics for Health and Social Care*. 12 January 2017, Pages 1-17. DOI: 10.1080/17538157.2016.1269105
53. **Amjad D. Al-Nasser**, Ayat Al-Sliti, Midhet Edous. 2016. New iterative am estimation procedure for fitting the simple linear measurement error models. *Electronic Journal of Applied Statistical Analysis*. 9(3): 491-501.
54. Amer I. Al-Omari, **Amjad D. Al-Nasser**, Fatima S. Gogah. 2016. Double acceptance sampling plan for time truncated life tests based on transmuted new Weibull-Pareto distribution. *Electronic Journal of Applied Statistical Analysis*. 9(3): 520-529.

55. Amer I. Al-Omari, **Amjad D. Al-Nasser** and Fatima Gogah. **2016**. Double acceptance sampling plan for time truncated life tests based on half normal distribution. *Economic Quality Journal*. 31 (2), 93-99, DOI: [10.1515/eqj-2016-0004](https://doi.org/10.1515/eqj-2016-0004).
56. Mohamed Behery, **Amjad D. Al-Nasser** ,. **2016**. "Examining the impact of leadership style and coaching on employees' commitment and trust: mediation effect of bullying and job alienation", *International Journal of Organizational Analysis*, 24: 2, 291-314. DOI: [10.1108/IJOA-03-2014-0749](https://doi.org/10.1108/IJOA-03-2014-0749)
57. Washika Haak-Saheem, Tamer K. Darwish & **Amjad D. Al-Nasser**. **2016**: HRM and knowledge-transfer: a micro analysis in a Middle Eastern emerging market, *The International Journal of Human Resource Management*, DOI: [10.1080/09585192.2016.1138499](https://doi.org/10.1080/09585192.2016.1138499)
58. **Amjad D. Al-Nasser** and Mohamed Behery , **2015**, "Examining the relationship between organizational coaching and workplace counterproductive behaviors in the United Arab Emirates", *International Journal of Organizational Analysis*, 23(3): 378- 403. <http://dx.doi.org/10.1108/IJOA-08-2014-0793>
59. **Amjad D. Al-Nasser**; and Amer Al-Omari **2015**. Information theoretic weighted mean based on truncated ranked set sampling. *Journal of Statistical Theory and Practice*. 9(2): 313 - 329
60. R Hussain, **Amjad D. Al-Nasser**, YK Hussain. **2015**. Service quality and customer satisfaction of a UAE-based airline: An empirical investigation. *Journal of Air Transport Management* 42, 167-175.
61. E Ciavolino, M Carpita, **Amjad D. Al-Nasser**. **2015**. Modelling the quality of work in the Italian social co-operatives combining NPCA-RSM and SEM-GME approaches. *Journal of Applied Statistics* 42 (1), 161-179.
62. AA Marie, ME Ibrahim, **Amjad D. Al-Nasser**. **2014**. Effects of financial and non-financial performance measures on customers' perceptions of service quality at Islamic banks in UAE. *International Journal of Economics and Finance* 6 (10), 201-213.
63. **Amjad D. Al-Nasser**. **2014**. Two steps generalized maximum entropy estimation procedure for fitting linear regression when both covariates are subject to error. *Journal of Applied Statistics*. 41 (8): 1708-1720.
64. Mohammed Al-Rawwash and **Amjad D. Al-Nasser**. **2013**. Repeated measures and longitudinal data analysis using higher-order entropies. *Statistica Neerlandica* 67(1): 100–111.
65. **Amjad D. Al-Nasser**, A., Al-Omari, A. and Al-Rawwash, M. **2013**. A control chart of the sample mean using the folded ranked set sampling. *Pakistan Journal of Statistics and Operation Research*. IX(1). 79 - 91.

66. **Amjad D. Al-Nasser**; A Al-Omari;. **2013**. Acceptance sampling plan based on truncated life tests for exponentiated fréchet distribution. *Journal of Statistics & Management Systems*.16(1). 13 - 24.
67. Attiea Marie, **Amjad Al-Nasser** and Mohammed Ibrahim. **2013**. Operational-profitability-quality performance of dubai's banks: parallel data envelopment analysis. *Journal of Management Research*. 13(1): 25-34.
68. Ciavolino, Enrico and Carpita, Maurizio and **Al-Nasser, Amjad**, **2012**. A job satisfaction structural equation model obtained combining rasch analysis and generalized maximum entropy estimation (January 27, 2012). Available at SSRN:<http://ssrn.com/abstract=1993102> or <http://dx.doi.org/10.2139/ssrn.1993102>
69. A Al-Omari; **Amjad D. Al-Nasser**. **2012**. On the population Median Estimation Using Robust Extreme Ranked Set Sampling. *Monte Carlo Methods and Applications*. 18(2): 109 - 118.
70. **Amjad D. Al-Nasser**. **2012**. On using the maximum entropy median for fitting the unreplicated functional model between the unemployment rate and the human development index in the arab states. *Journal of Applied Sciences*, 12: 326-335.
71. M-Ali H. Al-Akhras, Khaled Aljarrah, Hasan Al-Khateeb, Adnan Jaradat, Abdelkarim Al-omari, **Amjad Al-Nasser**, Majed M. Masadeh, Amr Amin, Alaaeldin Hamza, Karima Mohammed, Mohammad Al Olama & Sayel Daoud. **2012**. *Introducing cichorium pumilum as a potential therapeutical agent against drug-induced benign breast tumor in rats*. *Electromagnetic Biology and Medicine*: 31(4): 299 – 309.
72. Amer Al-Omari; **Amjad D. Al-Nasser**. **2011**. Statistical quality control limits for the sample mean chart using robust extreme ranked set sampling. *Economic Quality Control*. 26(1): 73 – 89
73. Ahmed Bani Mustafa; **Amjad D. Al-Nasser** and Muhammad Aslam. **2011**. Folded ranked set sampling for asymmetric distribution. *Communications of the Korean Statistical Society*. 8(1). 147 - 153.
74. Muhammad Aslam, Maryam Fatima, Ahmed Bani Mustafa & **Amjad D. Al-Nasser**. **2011**. Improved group acceptance sampling plans for the gamma distributed items. *Statistica & Applicazioni*. **IX(2)**. 159 - 173.
75. **Amjad D. Al-Nasser**. **2011**. An information-theoretic alternative to maximum likelihood estimation method in ultrastructural measurement error model. *Hacettepe Journal of Mathematics and Statistics*. 40(3). 469 - 481.
76. **Amjad D. Al-Nasser** Mohammed Al-Rawwash and Anas Al-Akhras. **2011**. An approach to setting up a national customer satisfaction index: the Jordan case study. *Journal of Applied Statistics*. 38(9). 1977 – 1993.

77. **Amjad D. Al-Nasser** and Abdel Rahim Al-Atrash. **2011**. Information-theoretic approach for constructing a super data envelopment analysis. *Asian Journal on Quality*. 12(1). 54 - 66.
78. Mohammed Al-Rawwash and **Amjad D. Al-Nasser**. **2011**. Longitudinal data analysis using generalized maximum entropy approach. *Jordan Journal of Mathematics and Statistics*. 4(1). 47 - 60.
79. Talal Al-Momani, Ahmad A Altaani, **Amjad D Al Nasser**, Nazem M El-Radaideh. **2011**. An assessment of automobile emissions in irbid, northwest Jordan. *Electronic Journal of Applied Statistical Analysis (EJASA)*. 4(1), 91-102.
80. Talal Al-Momani and **Amjad D. Al-Nasser**. **2011**. Emissions rate of gases emitted from private gasoline vehicles in Irbid – Jordan. *Jordan Journal of Civil Engineering*. 5(2). 287 - 301.
81. Anas Alakhra, **Amjad D. Al-Nasser**, Mohammad Al-Rawwash. 2011. Framework setup of a national customer satisfaction barometer with an application to vocational training corporation. *Dirasat. Administrative Sciences*, Volume 38, No. 2, 2011
82. May F. Sadiq, Ekhlās A. Al-Refai, **Amjad D. Al-Nasser**, Mohammad Khassawneh, Qasem Al-Batayneh. **2011**. Methylenetetrahydrofolate reductase polymorphisms C677T and A1298C as maternal risk factors for down syndrome in Jordan. *Genetic Testing and Molecular Biomarkers*. –Vol.15, Number1-2-, doi:10.1089/gtmb.2010.0057.
83. Mohammed Azab, Nabil AL-Bashir, Susan N. Momani, **Amjad D. Al-Nasser**, Almuthanna K. Alkaraki, Omar F. Khabour. **2010**. Comparison between frequencies of several str loci in Jordan with neighboring countries. *Jordan Medical Journal*, Vol 44(1): 55 – 60.
84. Karem H. Alzoubi, Mohammad Azab, Omar F. Khabour, Adan W. Al-shamaila, Nehad M. Ayoub, Mahmoud K. Al-Omiri, **Amjad D. Al-Nasser**, Nizar M. Mhaidat and Sayer I. Al-Azzam. **2010**. Smoking-cessation practice guidelines: awareness and implementation among medical teams. *International Journal of Pharmacy Practice*, 18(2):93-99. DOI: 10.1211/ijpp.18.02.0004.
85. **Amjad D. Al-Nasser**. **2010**. An information-theoretic approach to the measurement error model. *Statistics in Transition – New Series*. 11(1). 9 – 24.
86. **Amjad D. Al-Nasser** Omar Edious, and Loay Emhidat. **2010**. Multilevel linear models analysis using generalized maximum entropy. *Asian J. Math. Stat.*, 3(2): 111-118. DOI: [10.3923/ajms.2010.111.118](https://doi.org/10.3923/ajms.2010.111.118).
87. Enrico Ciavolino and **Amjad D. Al-Nasser**. **2010**. Information theoretic estimation improvement to the nonlinear gompertz's model based on ranked set sampling. *Journal of Applied Quantitative Methods (JAQM)*. 5(2):317 - 330.

88. **Amjad D. Al-Nasser** and Mohammed Al-Talib. **2010**. The ranked sample-mean monte carlo method for unidimensional integral estimation. *Asian J. Math. Stat.*, 3(3):130-138. DOI: [10.3923/ajms.2010.130.138](https://doi.org/10.3923/ajms.2010.130.138)
89. Al-Radaideh, A., **Amjad D. Al-Nasser** and E. Ciavolino, **2010**. Efficient Wald type estimators for simple linear measurement error model. *Asian J. Math. Stat.*, 3 (2): 82-92. DOI: [10.3923/ajms.2010.82.92](https://doi.org/10.3923/ajms.2010.82.92).
90. **Amjad D. Al-Nasser** and Ahmed Bani Mustafa. **2009**. Robust extreme ranked set sampling. *Journal of Statistical Computation and Simulation (JSCS)*. 79(7): 859 – 867.
91. Enrico Ciavolino and **Amjad D. Al-Nasser**. **2009**. Comparing generalized maximum entropy and partial least squares methods for structural equation models. *Journal of Nonparametric Statistics (JNPS)*. 21(8). 1017 - 1036.
92. Ekhlas A. Al-Refai, May F. Sadiq, Mohammad Khassawneh, **Amjad D. Al-Nasser**. **2009**. Effect of methotrexate on the survival of human lymphocyte cultures carrying *MTHFR* 677 (C > T) and *MTHFR* 1298 (A > C) mutations. *Drug and Chemical Toxicology*. 32(2). 103 – 107.
93. Ahmed Bani Mustafa and **Amjad D. Al-Nasser**. **2008**. On estimating the variance of maximum entropy median for odd sample size. *Pakistan Journal of Statistics (PJS)*. 24(1), 1-10.
94. **Amjad D. Al-Nasser**, and Ahmed Al-Radaideh. **2008**. Estimation of simple linear regression model using L ranked set sampling. *International Journal of Open Problems in Computer Science and Mathematics (IJOPCM)*. 1(1):18-33.
95. Mohammad Al-Talib, and **Amjad D. Al-Nasser**. **2008**. Estimation of gini-index from continuous distribution based on ranked set sampling. *Electronic Journal of Applied Statistical Analysis (EJASA)*. 1: 37-48.
96. **Amjad, D. Al-Nasser** and Mohammed Al-Rawwash. **2007**. A control chart based on ranked data. *Journal of Applied Sciences (JAS)*. 7(14), Pp 1936- 1941.
97. **Amjad, D. Al-Nasser**. **2007**. L ranked set sampling: a generalization procedure for robust visual sampling. *Communications in Statistics: Simulation and Computation*. 36(1). Pp 33 – 43.
98. **Amjad D. Al-Nasser** and Mohammed Al-Haj Ebrahim. **2007**. An efficient estimation method based on double phase sampling. *Austrian Journal of Statistics (ASJ)*. 36(4): 319 – 328.
99. **Amjad D. Al-Nasser** and Talal Al-Momani. **2006**. Statistical modeling of exhaust gas emissions - Irbid directorate. *ABHATH Al-YARMOUK: Basic Sciences and engineering*. 15(1): Pp 155-172.

100. Talal Al-Momani and **Amjad D. Al-Nasser**. 2006. Statistical analysis of air pollution caused by exhaust gases emitted from gasoline vehicles. *Dirasat: Pure Science*, 32(1). Pp 93- 102.
101. Ayman S. Baklizi and **Amjad, D. Al-Nasser**. 2005. Large sample and bootstrap intervals for the gamma scale parameter based on grouped data. *Journal of Modern Applied Statistical Methods*. 5(2). Pp 356 – 366.
102. Ayman Baklizi, Abedel-Qader El-Masri and **Amjad, D. Al-Nasser**. 2005. Acceptance sampling plans in the raleigh model. *The Korean Communications in Statistics*. April 2005. 12 (1). Pp 11-18.
103. Madan C., K., Al-Rawi Z., and **Amjad, D. Al-Nasser**. 2005. On $M^x / \left(\begin{matrix} G_1 \\ G_2 \end{matrix} \right) / 1/G(BS)/V_s$ vacation queue with two types of general heterogeneous service. *Journal of Applied Mathematics and Decision Sciences*. 2005:3(2005). Pp 123-135
104. **Amjad, D. Al-Nasser** & Mohammed Al-Haj Ebrahim. 2005. A new nonparametric method for estimating the slope of simple linear measurement error model in the presence of outliers. *Pakistan Journal of Statistics*. 21 (3). Pp 265-274.
105. **Amjad, D. Al-Nasser**, Mohammed Al-Haj Ebrahim & Abdelqader Al-Masri. 2005. On the use of L-statistics in Wald-type estimators for fitting a straight line when both variables are subject to error. *Pakistan Journal of Statistics*. 21 (2). Pp 179-194.
106. Mohamed Al-Haj Ebrahim & **Amjad, D. Al-Nasser**. 2005. Estimating the slope of simple linear regression in the presence of outliers. *Journal of Modern Applied Statistical Methods*. 4(2), Pp 509-513.
107. **Amjad, D. Al-Nasser**. 2005. Entropy type estimator to simple linear measurement error models. *Austrian Journal of Statistics*. 34(3), Pp 283-294.
108. **Amjad, D. Al-Nasser** & Ayman S. Baklizi. 2004. Interval estimation for the scale parameter of burr type X distribution based on grouped data. *Journal of Modern Applied Statistical Methods*. 3(2), Pp 386-398.
109. Kailash C, Madan,. **Amjad D. Al-Nasser** and Abdelqader, S. Al-Masri. 2004. On $M^{[x]} / \left(\begin{matrix} G_1 \\ G_2 \end{matrix} \right) / 1$ queue with optional re-service. *Applied Mathematics and Computation*. 152(1). Pp 71-88.
110. **Amjad D. Al-Nasser**. 2004. Estimation of multiple linear functional relationships. *Journal of Modern Applied Statistical Methods*. 3(1), Pp 181-186.

111. **Amjad, D. Al-Nasser 2003.** Customer satisfaction measurement models: generalized maximum entropy approach. *Pakistan Journal of Statistics*. 19(2). Pp 213-226.
112. **Amjad, D. Al-Nasser 2003.** Fitting nonlinear regression models using generalized maximum entropy. *Abhath Al-Yarmouk: "Basic Sci. & Eng."* 11(2B). Pp 145-155.
113. Zainodin H. Jubok & **Amjad D. Al-Nasser 2002.** Parameter estimation using semi fractional moments in lognormal distribution. *J. of Borneo Science*.5. Pp.37-46.
114. **Amjad D. Al-Nasser & Hussien Al-Rawash .2001.** On the power function of the LRT for restricted alternative in the case of multivariate normal distribution *Abhath al-Yarmouk: " Basic Sci & Eng"*. 10(1): Pp 41-57.
115. Mokhtar Abdullah. **Amjad D. Al-Nasser & Nooreha, H. 2000.** Evaluating functional relationship between image, customer satisfaction, and loyalty using general maximum entropy. *Total Quality Management* 11 (6): Pp 826-829.

Publications ([Invited](#) Articles in Conferences/ Seminars)

1. **Amjad D. Al-Nasser, Ayman Rawashdeh & Abeer Al-Ananzeh. 2020.** Robust Structural Measurement Error Models. (**[Invited Speaker](#)**). Virtual Conference- AIP SPERIMENTALE 2020: Advances in Non-Parametric and Semi-Parametric Methods for Multivariate Analysis. Italy, 1-3, September 2020.
2. **Amjad D. Al-Nasser. 2018.** Visual sampling techniques (**[Invited Seminar](#)**). Department of Economics and Management, University of Brescia, Milano, Italy. May 31, 2018.
3. **Amjad D. Al-Nasser. 2018.** Estimation methods using entropy principle (**[Invited Seminar](#)**). Department of Economics and Management, University of Brescia, Milano, Italy. May 30, 2018.
4. **Amjad D. Al-Nasser. 2017.** Customer satisfaction index: an information theoretic approach. (**[Invited Paper: Keynote Speaker](#)**). International Foundation for Research and Development (IFRD). Flora Grand Hotel, Dubai, UAE. March 25, 2017.
5. **Amjad D. Al-Nasser. 2015.** An introduction to structural equation modeling using AMOS. (**[Invited Seminar](#)**). Canadian University of Dubai, Dubai, June, 2015.
6. **Amjad D. Al-Nasser. 2012.** Multivariate data analysis. (**[Invited Seminar](#)**). Università del Salento, Lecce, 1820, December 2012. Italy.

7. **Amjad D. Al-Nasser**. 2008. Multilevel linear models analysis using generalized maximum entropy. (**Invited Paper: Keynote Speaker**). MTISD 2008 – Methods, Models and Information Technologies for Decision Support Systems Università del Salento, Lecce, 1820, September 2008. © 2008 University of Salento - SIBA <http://siba2.unile.it/ese>. Pp 224 – 227.
8. **Amjad D. Al-Nasser**, Enrico Ciavolino and Luigi D'Ambra. 2006. Generalized maximum entropy for evaluating customer satisfaction in health care services: a comparative study. *Methods, Models and Information Technologies for decision support systems (MTISD)*. Napoli- Italy: 28-30 September. (**Invited Paper: Keynote Speaker**).

Publications (Articles Presented in Conferences/ Seminars)

9. Ro'ya S. Al Dibi'i, **Amjad D. Al-Nasser**. (2019). Fitting structural measurement error model using repetitive Wald-type procedure. The 6th International Arab Conference on Mathematics and Computations (IACMC 2019). 24-26, April 2019, Al Zarqa University: Jordan.
10. Sondos Aldamen, **Amjad D. Al-Nasser**, Mohammad Al-Talib. (2019). Information-theoretic estimation approach: tutorial and illustration. The 6th International Arab Conference on Mathematics and Computations (IACMC 2019). 24-26, April 2019, Al Zarqa University: Jordan.
11. Islam Batineh, **Amjad D. Al-Nasser**, Mohammad Al-Talib. (2019). Exponentiated q-exponential distribution. The 6th International Arab Conference on Mathematics and Computations (IACMC 2019). 24-26, April 2019, Al Zarqa University: Jordan.
12. Enrico Ciavolino, Gloria Lagetto, **Amjad D. Al-Nasser**, Amer Al-Omari, Andrea Montinari, Matteo J. Zaterini, Sergio Salvatore. (2018). **Analysis of customer satisfaction as function of view of contexts. A case study in the field of accommodation services**. III International Conference on Tourism Dynamics and Trends. X Scientific Meeting SISTUR. Benevento, University of Sannio, November 14th-16th 2018, Italy.
13. **Amjad D. Al-Nasser**, Medhat Edous, Ayat Al-Sliti . 2016. Estimating the relationships between happiness and transparency in the arab world using iterative grouping method. The first AFU Workshop: “Business Data Analysis: A Cross Road Between Research and Education”; Al Falah University, Dubai, 27-28 April, 2016.
14. Medhat Edous and **Amjad Al-Nasser**. 2015. Measurement errors models. The Second Statistical Conference, Department of Statistics, Yarmouk University, Jordan, 2-3 December, 2015.

15. **Amjad D. Al-Nasser** and Enrico Civolino. 2010. Generalized maximum entropy for the multigroup models and dummy variables. **MEETING ON DYNAMICS OF SOCIAL AND ECONOMIC SYSTEMS. 2010**, Dyses 2010 FC 92049200626 - *Via delle Puglie, 82 - 82100 Benevento - Italy.* <http://www.dyses2010.unisannio.it>

16. Mohammed Al-Rawwash, **Amjad D. Al-Nasser** and Amer Al-Omari. 2014. Quality control charts using different ranked set sampling schemes. Mathematics and Computers in Science and Engineering Series 33: Mathematical Sciences and mechanics, Pp 173 - 178. Proceedings of the **5th International Conference on Theoretical and Applied Mechanics (TAM '14)**. October 30 - November 1, 2014. Lisbon, **Portugal**, ISSN: 2227-4588

17. Imen Kouki and Amjad Al-Nasser. 2013. The competition of the African Banking. **3rd International Symposium in Computational Economics and Finance (ISCEF) April, 10-12, 2014, Paris**

18. **Amjad D. Al-Nasser**, Ahmed Radaideh and Enrico Ciavolino. **2010**. Improving parameter estimation in simple linear structural measurement errors model by using double ranked set sampling with application for pines trees. AGROSTAT 2010, 11th European Symposium on Statistical Methods for the Food Industry. Department of Analysis of Economic and Social Systems of the University of Sannio (Benevento, Italy). February, 2010.

19. Mohammed Al-Rawash and **Amjad D. Al-Nasser**. 2009. Repeated measures and longitudinal data analysis using generalized maximum entropy approach. The 2nd Arab Statistical Conference. Great Socialist People's Libyan Arab Jamahiriya, November 2 – 4, 2009. Pp. 624-637.
http://www.aitrs.org/Portals/_PCBS/Documents/sasc_res/res36.pdf

20. Anas Al-Akhras, **Amjad D. Al-Nasser** and Mohammed Al-Rawash. 2009. Theory and statistical development of a national customer satisfaction barometer. Jordan University. October, 27, 2009.

21. Abdulrahim Al-Atrash and **Amjad Al-Nasser**. 2009. Super data envelopment analysis using generalized maximum entropy. Jordan University, October, 27, 2009.

22. Ahmed Al-Radaideh, **Amjad D. Al-Nasser** & Enrico Ciavolino. **2008**. Efficient Wald - type estimators for simple linear measurement error model. MTISD 2008 – Methods, Models and Information Technologies for Decision Support Systems Università del Salento, Lecce, 1820, September 2008. © 2008 University of Salento - SIBA <http://siba2.unile.it/ese>. Pp 305 – 308.

23. *Mohammad M. Al-Talib, Mohammad Y. Al-Rawwash, **Amjad D. Al-Nasser***. **2008**. A comparative study for estimating the parameters of the second order moving average process. MTISD 2008 – Methods, Models and Information Technologies for

24. Mohammad Al-Rawwash, **Amjad D. Al-Nasser** & Mohammad Al-Talib. **2008**. Parameter estimation of moving average process using generalized maximum entropy approach. "2nd International Conference on MATHEMATICS & STATISTICS": Athens Institute for Education and Research. 16-19 June 2008, Athens: Greece.
25. **Amjad D. Al-Nasser** & Ahmed Radaidah. **2007**. *Estimation of simple linear regression model using L ranked set sampling*. International Conference on: Ordered Statistical Data & inequalities: Theory & Applications. University of Jordan, June: 12-14, Jordan.
26. **Amjad D. Al-Nasser** & Enrico Ciavolino. **2007**. Parameter estimation for the non linear gompertz model using entropies of order r . International Conference on: Ordered Statistical Data & inequalities: Theory & Applications. University of Jordan, June: 12-14, Jordan.
27. **Amjad D. Al-Nasser** & Ayman S. Baklizi. **2007**. *Reliability sampling test plan for half normal distribution*. In Ahmad Izani et al.(eds) 3rd IMTGT Regional Conference in Mathematics, Statistics and Applications, December 2007, pp 767 - 773. ISBN: 978-983-3986-25-5. Penang- Malaysia.
28. **Amjad D. Al-Nasser** & Ahmed Radaidah. **2007**. *Estimation of simple linear regression model using L ranked set sampling*. International Conference on: Ordered Statistical Data & inequalities: Theory & Applications. University of Jordan, June: 12-14, Jordan.
29. **Amjad D. Al-Nasser** & Enrico Ciavolino. **2007**. Parameter estimation for the non linear gompertz model using entropies of order r . International Conference on: Ordered Statistical Data & inequalities: Theory & Applications. University of Jordan, June: 12-14, Jordan.
30. Enrico Ciavolino, **Amjad D. Al-Nasser**, and Antonello D'Ambra. **2006**. The generalized maximum entropy estimation method for the structural equation models. 30th Annual Conference of the German Classification Society (*GfKI*). Advances in Data Analysis. Germany: 8-13 March.
31. **Amjad, D. Al-Nasser** & Ayman, S. Baklizi. **2004**. Two stages generalized maximum entropy estimation to simple linear functional relationships. The Sixth Jordanian International Congress of Mathematics (SJICM). 31st August – 3rd September. 2004. Yarmouk University/ Jordan.

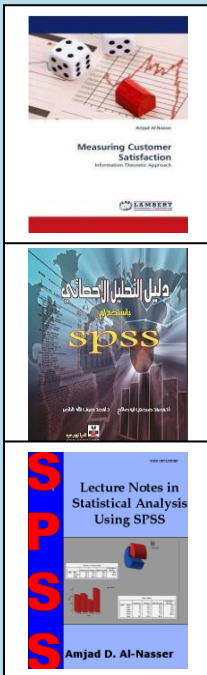
32. Mohammed Al-Haj Ebrahim & **Amjad D. Al-Nasser**. 2004. On AM correlation coefficient. The Sixth Jordanian International Congress of Mathematics (SJICM). 31st August – 3rd September. 2004. Yarmouk University/ Jordan.
33. Mokhtar Abdullah & **Amjad D. Al-Nasser**. 2003. On generalized maximum entropy approach to estimating causal relationships. *International conference on research and education in mathematics (2003 : serdang, selangor)* : 15p.
34. **Amjad D. Al-Nasser**. 2002. Generalized maximum entropy procedure for measuring the efficiency of decision making units. Fifth International Congress of Mathematics. Jordan: Irbid, September 2-5, 2002: Yarmouk University.
35. **Amjad, D. Al-Nasser** 2002. Generalized maximum entropy producer for measuring customer satisfaction measurement models: Third international congress of mathematical Sciences. Jordan: Al-Mafraq, June 2002: Al Al-Bayyet University.
36. Mokhtar Abdullah, Nooreha H & **Amjad D. Al-Nasser** .2001. Theory and development of national customer satisfaction index: The Malaysian index of customer satisfaction. The 6th world congress, 2001, Saint Petersburg: p277-283.
37. **Amjad D. Al-Nasser**. Mokhtar Abdullah & Wan Endut, W. J. 2000. On Robust Estimation of Error-in-Variables models by using generalized maximum entropy. International conference on mathematics and its applications in the new millennium. Dept. of Mathematics. Universiti Putra Malaysia. 18-21 July. Pp 279-287.
38. Mokhtar Abdullah. **Amjad D. Al-Nasser** & Nooreha, H. 2000. On the application of generalized maximum entropy in measuring relative efficiency. International conference on mathematics and its applications in the new millennium. Dept. of Mathematics. Universiti Putra Malaysia. 18-21 July. Pp 260-265.
39. **Amjad D. Al-Nasser** & Mokhtar Abdullah. 1999. EIV Regression by using maximum entropy median. Prosiding Seminar Sehari Statistik. Institut Sains Matematik. Universiti Malaya. 6 February 1999: Pp:8-13.
40. **Amjad, D. Al-Nasser** & ZainulDain Jubok (1998). Semi fractional moment estimation in log normal distribution (seminar ITM- Malaysia / September 1998)
41. **Amjad D. Al-Nasser** & Hussien Al-Rawash (1996). Bayes combination tests for one and two-sided alternative in the case of bivariate normal distribution (In the third Jordanian mathematical conference-Jordan, September 1996).

Technical Reports:

1. Mokhtar Abdullah & **Amjad D. Al-Nasser** (1999). Robust estimation of linear structural relationship using generalized maximum entropy and its application in

- measuring customer satisfaction, Technical Report Pusat Pengajian Sains Matematik, Fakulti Sains dan Teknologi, UKM.
2. Mokhtar Abdullah & **Amjad D. Al-Nasser** (1999). Indirect estimation method of errors in variables using generalized maximum entropy, Technical Report Pusat Pengajian Sains Matematik, Fakulti Sains dan Teknologi, UKM.
 3. Mokhtar Abdullah & **Amjad D. Al-Nasser** (1999). Robust estimation of linear functional models using generalized maximum entropy, Technical Report Pusat Pengajian Sains Matematik, Fakulti Sains dan Teknologi, UKM.

Text Books and Statistical Packages



1. **Amjad D. Al-Nasser**. 2010. Measuring customer satisfaction: an information-theoretic approach. LAP Lambert Academic Publishing AG & CO.KG. Germany. ISBN-13: 978-3838348551 , ISBN-10: 9783838348551
2. Mohammed Abu Saleh and **Amjad D. Al-Nasser**. 2011. *Statistical analysis guide using SPSS*. Dar Al-Yazouri. Amman. Jordan. (In Arabic). ISBN-13:9789957123918
3. **Amjad D. Al-Nasser**. 2007. Lecture notes in statistical analysis using SPSS: Arab Statisticians Center: Irbid, Jordan.
4. **Amjad D. Al-Nasser**. 2005. Basic statistical analysis using MINITAB 13: STAT 105. Unpublished University Text Book.
5. **Amjad D. Al-Nasser**. 2005. Simulator.1: A statistical package for generating random numbers: STAT 106. Teaching Package for Undergraduate Students at Yarmouk University: Department of Statistics.
6. **Amjad D. Al-Nasser** and Abdulqader S. Al-Masri. 2003. Making inference with confidence: STAT 205. Unpublished University Text Book.

Workshops:

1. Workshop on ***Scientific Research***. September 16, **2019**. Accreditation and Quality Assurance Center. Yarmouk University.
2. Workshop on ***Data Analysis Using DEA-Solver***. November 6, **2019**. Accreditation and Quality Assurance Center. Yarmouk University.
3. Workshop on ***Data analysis using SPSS for beginners***. December 2-9, **2019**. Accreditation and Quality Assurance Center. Yarmouk University.

4. Workshop on *Structural equation modelling (SEM) using AMOS*. November 27-December 4, 2018. Accreditation and Quality Assurance Center. Yarmouk University.
5. Workshop on **Data analysis using path modelling**. November 21 - December 4, 2018. Accreditation and Quality Assurance Center. Yarmouk University.
6. Internal Project Funds at Yarmouk University: Policies and Procedures. **2018**. Faculty Development Center: Yarmouk University. March 2018.
7. Structural equation modeling: theory, application, and how to use **AMOS**. **2017**. Faculty Development Center: Yarmouk University. December 2017.
8. Talal M, Al-Momani, and **Amjad D. Al-Nasser**. 2008. Environmental problems caused by vehicle emissions. Paper presented at the workshop about the accident problems in Jordan from the view geographical point of. March 31, 2008. Department of Geography. Yarmouk University. Jordan.
9. Ministry of Planning, Department of Statistics. Statistics is an essential pillar for better decisions. Crown Plaza Hotel, Petra: March 2003
10. Ministry of Planning, Department of Statistics, the project of supporting and carrying on discussions between statistical data users and producers. Yarmouk University: December 2003.
11. Academic Staff Workshops. **2003**: Course Syllabus, Teaching Methods and Illustration Tools, Managing Classroom, Meeting the Academic Calendar and University Exams Dates, Student Evaluation – Course and Lecturer. Faculty Development Center: Yarmouk University.
12. Academic Staff Workshops. **2004**: Preparing online courses (Web-Based Course), Building Computerized Question Bank. Faculty Development Center: Yarmouk University.
13. Academic staff workshops. **2005**. LATEX. Faculty Development Center: Yarmouk University.

Seminars:

- On using SPSS for data analysis. February 24, 2016. Al Falah University, Dubai. UAE.
- Scopus: AFU Research venue. February 24, 2016. Al Falah University, Dubai. UAE.
- Analyzing the CLOs. February 27, 2016. Al Falah University, Dubai. UAE.

Training:

- Academic Staff Training. **2018**: Internal funds of the scientific project. From 15 March 2018. Faculty Development Center: Yarmouk University
 - Academic Staff Training. **2018**: Structural equation modeling using AMOS. From 15 April 2018 to 1 May 2018. Faculty Development Center: Yarmouk University
 - Academic Staff Training. **2002**: Students' evaluations and university exams. From 15 September 2002 to 15 December 2002. Faculty Development Center: Yarmouk University
 - League of Arab States. **2008**. Arab Administrative Development Organization. Index numbers and their usage in planning. March 9 – 13, 2008. Amman. Regency Palace Hotel.
 - Statistical analyses using SPSS. (**2004, 2005, 2006**). Faculty Development Center: Yarmouk University
-

Surveys

- 1) Impact of video games on the behavior of children and adolescents, **2009**.
- 2) The efficiency of higher education in Jordan: a comparative study between Jordanian universities, **2009**.
- 3) The duties of Muslims in the holy Quran. **2009**.
- 4) Homelessness, its causes, remedies, and their impact on society. **2009**.
- 5) Training needs of the managers in Jordan Phosphate Mines Company from their point of view. **2009**.
- 6) Reasons for the parallel education in Jordanian universities from the parents' point of view. **2009**.
- 7) MP whom we want: an exploratory study of the characteristics and roles of MP from the point of view of citizens. **2009**.
- 8) The negative effects of mobile phones on users. **2009**.
- 9) Are women the consumers or do they have an economic mind?. **2009**.
- 10) A comparative study of the main factors that contribute to the difference between banks (commercial, foreign, and Islamic) from the point of view of customers. **2009**.
- 11) Prices rising and their impact on the Jordanian citizen. **2008**.

- 12) How important is the competition between Jordan Telecom companies?. **2008.**
- 13) Rumors and their impact on society. **2008.**
- 14) Patient satisfaction with health services in Jordanian hospitals. **2008.**
- 15) Human Rights in Jordan. **2008.**
- 16) The impact of technology on the weakness of the Arabic language among university students. **2008.**
- 17) The difference between the premium and the actual services in the healthcare sector
- 18) Importance of women's political participation. **2008.**
- 19) Workers' Satisfaction in the industrial sector: a field study in Al Hassan Industrial Zone. **2008.**
- 20) Measuring residents' satisfaction level on the municipal services: Al-Gharbia region-UAE. **2010.**
- 21) Residence's transportation needs in Delma Island-UAE. **2009.**
- 22) Evaluate the services in the "Al-Sooq Algadeem" festival. Delma Island-UAE. **2010.**

Postgraduate Supervision

<u>Supervision of M.Sc. theses:</u>	
(1)	Wajdee Ismeer. 2006. Parameter estimation of LISREL model: comparisons of maximum entropy and higher order entropy estimators.
(2)	Waleeed Obidat. 2006. Modifying partial least squares regression with measurement error.
(3)	Ahmed Radaideh. 2007. On simple linear regression analysis using L-ranked set sampling.
(4)	Mohammed Al-Talib. 2007. Parameter estimation of moving average process: comparison of classical methods and generalized maximum entropy.
(5)	Luay Emhidat. 2008. Generalized maximum entropy approach to hierarchical linear models.
(6)	Abdulrahim Al-Atrash. 2008. Robust data envelopment analysis models.
(7)	Anas Al-Akhras. 2008. Theory and statistical development of a national customer satisfaction barometer.
(8)	Hicham Beljilali. 2009. Recursive residuals for structural errors in the variables model.
(9)	Ala'a Yousef Al-Samman. 2009. Estimating the polynomial models with Berkson measurement error.

(10)	Najat Ighreer. 2009 . Information-theoretic approach to mortality models.
(11)	Yomna Hussein. 2013 . An empirical investigation of the customer satisfaction level of the Emirates airline.
(12)	Mansoor Bawazir. 2013 . Empirical investigation of Dubai tourism and commerce marketing department meeting the co-participants' satisfaction in the local and international exhibition.
(13)	Zainab Ali Haidar Al Balooshi. 2013 . Bank's efficiency in the UAE.
(14)	Iman Rustam. 2013 . An empirical investigation of the customer satisfaction level of the Emirates NBD bank.
(15)	Khalid Ismail Juma. 2013 . Employee motivation and performance: an empirical investigation in the Sharjah government.
(16)	Esam Harun. 2013 with Prof Ibrahim
(17)	Laila Ibrahim AlSuwaid. 2014. Employee satisfaction index: the case of Dubai government.
(18)	Fatima Abdulla 2015. Single acceptance sampling plan based on ranked data.
(19)	Razan Rababah. 2015. Generalized maximum entropy estimation procedure for fitting circular measurement error models.
(20)	Ayat Slitie. 2016. Modified nonparametric regression with errors in variables.
(21)	Ayman Bani Yaseen. 2016. Regression analysis: a broad class of robust grouping estimators.
(22)	Medhat Eidous. 2016. Fitting measurement error models using sample entropy with different preserving constraints.
(23)	Roya Al-Dybee. 2018. Fitting measurement error models using the repetitive estimation method.
(24)	Sondos Al-Damin. 2018. Fitting nonlinear regression using generalized maximum entropy.
(25)	Eslam Batyneh. 2018. Time to event data analysis in biostatistics: parametric and semi-parametric approaches.
(26)	Abeer Rashed. 2020. Estimation of structural MEM using robust statistics.
(27)	Bara'a Bani Musa. 2020. Theory and development of entropy-based EWMA control charts
(28)	Bara'a Al-Juneidi. 2020. Theory and optimization of generalized maximum fuzzy entropy methods
(29)	Bara'a Al-Hroub. 2020. Design of single acceptance sampling plans for attributes using q-Weibull distribution.
(30)	Andaleeb Al-Raja.2020. Entropy-based weighted distributions.
(31)	Majed B. Al-Zobidi. 2022. Bivariate Entropy-Type Exponential Regression Models
(32)	Hadeel A. Karasneh. 2022. Count data analysis using a generalized maximum entropy estimation approach
(33)	Saja Al-Zoubi. 2023. Optimal Subsampling Algorithm to Make Predictions from Big Data Using Measurement Error Models
(34)	Abdelhakeem Majdalwee. 2023. Fitting Measurement Error Models with Non-Normal Distribution of Errors Using the Method of Moments

(35)	Ahmad Shakatreh. 2023. Acceptance Sampling Plan Based on Truncated Life Tests for Gold Distribution
(36)	Saja Al-wardat. 2023. A New G-Family Generator of Lifetime Distributions
(37)	Nowar Bataineh. 2023. Circular Median Control Chart.
(38)	Shaker Al-Naeem. 2023. Statistical Analysis of the Physicochemical Parameters of Drinking Water Resources in the Irbid Directorate.
(39)	Amaar Amarneh. 2023. Gold Model for Predicting Survival of Patients with Lung Cancer.
(40)	Faten Alawneh. 2024. Fitting the Relationships Between the Human Development Index and the Global Peace Index Using Extreme Ranked Value
(41)	Mohammad Al-Bsool. 2024. Comparisons Between the Statistical Supervised Learning Models with Application to Cancer Data.
(42)	Yazan Haj Hasan. 2025. Robust Regression Using K-Means Clustering

Appointed as External Examiner for PhD/Master's Theses or Faculty Promotion:

Appointed as external examiner for more than 40 Master's, PhD students, and Faculty Promotions worldwide.

Courses Taught

Course Code	Course Name
Stat101	Introductory statistics (1) Text: a) Introduction to probability and statistics. Mendenhall, Beaver and Beaver b) Introductory statistics. Weiss
Stat105	Statistical laboratory (1)
Stat106	Statistical laboratory(2)
Stat107	Statistics for business and economics students
Stat111	Introduction to Probability (1) Text: a) Introduction to Probability, Larson b) Probability and statistical inference, Hogg and Tanis d) Mathematical statistics with applications. Mendenhall, Schaeffer, and Wackerly
Stat201	Introductory statistics (2) Text: a) Introduction to probability and statistics. Mendenhall, Beaver, and Beaver b) Introductory statistics. Weiss
Stat205	Statistical laboratory (3)
Stat211	Mathematical Statistics 1 Text: a) Introduction to probability. Larson b) Introduction to mathematical statistics. Mendenhall, Schaffer, and Schaffer
Stat271	Sampling techniques Text: a) Elementary survey sampling. Schaeffer, Mendenhall, and Ott b) Sampling. Thompson
Stat276	Time Series

	Text: a) Introduction to time series.
Stat281	Statistical packages: Text: a) A Handbook of statistical analyses using SPSS. Landau S & Everett S. Brian b) A handbook of statistical analyses using S-Plus. Everett S. Brian
Stat363	Nonparametric Text: Practical nonparametric statistics. W. J. Conover.
Stat374	Experimental design and analysis of variance Text: a) Design and analysis of experiments. Montgomery. b) Introduction to the design and analysis of experiments. Clarke and Kempson. c) Fundamental concepts in the design of experiments. Hicks
Stat375	Regression analysis Text: a) Introduction to linear regression analysis. Montgomery and Peck. b) Regression analysis: concepts and applications. F. A. Graybill and Iyer H.
Stat377	Quality control Text: Introduction to statistical quality control. Montgomery D.
Stat464	Multivariate statistics Text: Applied multivariate statistical analysis. Johnson A. W and Wichern W D.
Stat472	Sampling survey Text: Social research methods: qualitative and quantitative approaches. Neumann, W.
Stat481	Statistical computing Text: A course in simulation. Sheldon Ross.
Stat483	Practical studies Text: Problem solving. Chatfield
Stat606	Data analysis and experimental design (for non-statisticians, Master's level) Text: a) Applied statistics: Bowerman and O'Connell b) Elementary statistics: Allan G. Bluman
Stat675	Regression analysis (Master's level) Text: a) Applied regression analysis: N. R. Draper and H. Smith b) Applied linear statistical models: Netter, Kutner, Nachtsheim, and Wasserman c) Statistics: An introduction using R. Michael J. Crawley.
Stat681	Statistical computing (Master's level) Text: a) Elements of simulation. Morgan, B.. b) Simulation and the Monte Carlo method. R. Y. Rubinstein c) Simulation modeling and analysis. Law. M and Kelton, W. d) Computational statistics with MATLAB. Martinez and Martinez
Stat683	Linear models (Master's level) Text: An introduction to linear models. F. A. Graybill
Stat692(2007 & 2014)	Special Topics "Measurement Error models" (Master's level) Text: a) Statistical regression with measurement error. Cheng, C, and Van Ness, J. b) Measurement error models. Fuller, A. W.
Stat692(2009)	Special Topics "Robust statistics" (Master's level) Text: a) Robust statistics. Peter J. Huber. b) Understanding robust and exploratory data analysis. Hoaglin D., Mosteller, F., and Tukey W.
STAT661A	Applied Multivariate Data Analysis
STAT675A	Applied Regression Analysis

BSTA 200	Introduction to statistics – UD
BBUS 225	Research methods – UD
BBUS200	Quantitative methods for business – UD
MBA625	Advanced statistical tools - UD- Master Level
0509103	Statistical models - AFU
0609102	Applied statistics - AFU
MBA615	Quantitative analysis for managers - AFU - Master Level

UD: University of Dubai; AFU: Al Falah University