

Curriculum Vitae



PERSONAL DATA

- **Full Name:** Assistant Prof. Mohamed Abd Elgawad Ahmed Salem.
- **Scientific Name:** M. A. Abd Elgawad.
- **Marital Status:** Married and have three children.
- **Nationality:** Egyptian.
- **Passport No. :** A23323214.
- **Date of Birth:** August 1th, 1984.
- **E-mail:** mohamed_salem240@yahoo.com; mohamed.abdelgwad@fsc.bu.edu.eg.
- **Phone:** (002)0106717736-01017684529.
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<http://bu.edu.eg/staff/mohamedahmed017>
<http://scholar.google.ca/citations?user=7ENE27EAAAAJ&hl=en>.
- **Permanent Work Address:** Assistant Prof. at Department of Mathematics,
Faculty of Science, Benha University, Benha 13518, Egypt.

EDUCATION

- **Feb/2018- Jan/2020:** Postdoctoral at School of Computer Science and Technology, Wuhan University of Technology, Wuhan 430070, China.
- **July/2017-:** Lecturer at Department of Mathematics, Faculty of Science, Benha University, Benha 13518, Egypt.
- **September/2014-July/2017:** PhD in Mathematical Statistics, School of Mathematics and Statistics, Central China Normal University, Wuhan, China.
Thesis: Asymptotic Behavior of Generalized Order Statistics with Random Indices.
Advisor: Prof. Ting Yan.
- **July/2009-February/2012:** Master of Science in Mathematical Statistics, Department of Mathematics, Faculty of Science, Benha University, Benha 13518, Egypt.
Thesis: On The Asymptotic Theory of Generalized Order Statistics.
Advisor: Prof. H.M. Barakat, Prof. E.M. Nigm and Prof. Hosni Kamal.
- **September/2008-July/2009:** Pre-Master of Science in Mathematical Statistics, Department of Mathematics, Faculty of Science, Benha University, Benha 13518, Egypt.
- **September/2001-July/2005:** Bachelor of Science in Pure Mathematics, Department of Mathematics, Faculty of Science, Benha University, Benha 13518, Egypt.

TEACHING EXPERIENCE

- **March/2007-Jan/2018:** Teaching some branches of Mathematics, Computer Science and Mathematical Statistics for undergraduate students, Department of Mathematics, Faculty of Science, Benha University, Benha 13518, Egypt.

RESEARCH ACTIVITIES AND AREAS OF INTEREST

- Extreme Value Theory
- Order Statistics and Record Values
- Probability and Statistics
- Generalized Order Statistics
- Limit Theory
- Statistical Modeling

LIST OF PUBLICATIONS

1. **Abd Elgawad, M. A.** and Elsawah, A. M. (2014). *Bivariate Generalized Order Statistics, Asymptotic Theory of Extreme, Central and Intermediate*. Academic Publishing, Germany, ISBN 978-3-659-63146-7.
2. Barakat, H. M., Nigm, E. M. and **Abd Elgawad, M. A.** (2014). *Limit theory for joint generalized order statistics*. REVSTAT Statistical Journal 12(3), 199-220.
3. Barakat, H. M., Nigm, E. M. and **Abd Elgawad, M. A.** (2014). *Limit theory for bivariate extreme generalized order statistics and dual generalized order statistics*. ALEA, Lat. Am. J. Probab. Math. Stat. 11(1), 331-340.
4. Barakat, H. M. Nigm, E. M. and **Abd Elgawad, M. A.** (2015). *Limit theory for bivariate central and bivariate intermediate dual generalized order statistics*. J. Probab. and Math. Statistics. 35(2): 267-284.
5. **Abd Elgawad, M. A.**, Barakat, H. M., Qin H. and Yan T. (2016). *Limit theory of bivariate dual generalized order statistics with random index*. Statistics 51(3): 572-590, <http://dx.doi.org/10.1080/02331888.2016.1265965>.

6. Elsayah, A. M., Al-awady, M. A., **Abd Elgawad, M. A.** and Qin H. (2016). *A Note on optimal foldover four-level factorials.* Acta Math. Sinica 32(3), 286-296.
7. Barakat, H. M. and **Abd Elgawad, M. A.** (2017). *Asymptotic behavior of the joint record values, with applications.* Stat. Prob. Lett. 124: 13–21.
8. Barakat, H. M., **Abd Elgawad, M. A.** and Yan T. (2017). *Asymptotic behavior of record values with random indices.* ProbStat Forum 10: 16-22.
9. Li W., Yan T., **Abd Elgawad, M. A.** and Qin H. (2017). *Degree-based moment estimation for ordered networks.* J. Syst. Sci. Complex 30: 721-733. DOI: 10.1007/s11424-017-5307-5.
10. Barakat, H. M., **Abd Elgawad, M. A.** and Yan T. (2018). *Generalized order statistics with random indices.* Communi. Statist. Theory Methods, Vol. 47, No.12, 2859-2868.
11. Barakat, H. M., **Abd Elgawad, M. A.**, Qin H. and Yan T. (2018). *Limit theory of bivariate generalized order statistics with random sample size.* Mathematical Methods of Statistics, 27(1): 47-59. DOI: 10.3103/S1066530718010039.
12. **Abd Elgawad, M. A.**, Barakat, H. M. and Xiong, S. (2019). *Limit distributions of random record model in a stationary Gaussian sequence.* Comm. in Stat.-Theory and Methods, <https://doi.org/10.1080/03610926.2018.1554131>.
13. Barakat, H. M. and **Abd Elgawad, M. A.** (2019). *Asymptotic behavior of the record values in a stationary Gaussian sequence, with applications.* Math. Slovaca, 69 , No. 3, 707-720.
14. **Abd Elgawad, M. A.**, Barakat, H. M. and Yan T. (2019). *Bivariate limit theorems for record values based on random sample sizes.* Sankhya : The Indian Journal of Statistics. <https://doi.org/10.1007/s13171-019-00167-2>.

15. Barakat, H. M., **Abd Elgawad, M. A.** and Alawady, M. A. (2019). *On order statistics of mixtures of distributions*. To appear in Rocky Mountain Journal of Mathematics.
16. Essawe, F. H., **Abd Elgawad, M. A.**, Barakat, H. M., and Zhao, H. (2019). *Limit theorems for bivariate generalized order statistics in a stationary Gaussian sequences with random sample sizes*. Proceedings Of The Latvian Academy Of Sciences. Section B, Vol. 73 (2019), No. 6 (723), pp. 525-532.
17. **Abd Elgawad, M. A.**, Barakat, H. M., Alawady, M. A. and Shengwu Xiong. (2019). *Concomitants of Generalized Order Statistics from Huang-Kotz Farlie-Gumble-Morgenstern Bivariate Distribution-Some Information Measures*. Bull. Malays. Math. Sci. Soc. <https://doi.org/10.1007/s40840-019-00822-9>.

CONFERENCES

1. Barakat, H. M., Nigm, E. M. and **Abd Elgawad, M. A.** (2010). Limit theory for bivariate extreme generalized order statistics and dual generalized order statistics. Published in The 9th International Conference on Order Statistical Data and their Applications (OSDA 2010), July 11-13, 2010, Faculty of Science, Zagazig University, Egypt .
2. Barakat, H. M. and **Abd Elgawad, M. A.** (2016). *Asymptotic behavior of the joint record values, with applications*. Published in the 12th International Conference on Ordered Statistical Data (OSD 2016), 25-28 May 2016, at University of Piraeus, Greece.
3. Barakat, H. M., **Abd Elgawad, M. A.** and Yan T. (2017). *Asymptotic behavior of record values with random indices*. Published in the International Conference on Mathematics, and Applications 13-16 May, 2017, Cairo, Egypt.
4. Barakat, H. M., **Abd Elgawad, M. A.** (2017). *Asymptotic behavior of the record values in a stationary Gaussian sequence, with applications*. Pub-

lished in the International Conference on Mathematics, Trends and Development ICMTD17, 28-30 Dec, 2017, Cairo, Egypt.

AWARDS

- I have a certificate of Outstanding Academic Award during 2015-2016 in Central China Normal University, China.
- I have a certificate of Excellent International Students Award during 2017 in Central China Normal University, China.

SKILLS

LANGUAGE SKILLS

- Fluent Arabic(Native)
- Good command of English
- little command of Chinese

COMPUTER SKILLS

- ICDL CERTIFICATE from the European Computer Driving Licence Foundation
- Great skills in Microsoft Office Programs and Latex
- Great skills in using "Endonote"
- Great skills in using "internet"

TECHNICAL SKILLS

- Good User of MATHEMATICA Program
- Good User of MATLAB Program
- Good User of SPSS Program

PERSONAL HILIGHTS

- Able to work under pressure
- Able to work well with all levels of people
- Able to learn new task quickly
- Interested in scientific reading and internet navigation

A REFEREE For THE FOLLOWING JOURNALS

- Statistics
- Mathematica Slovaca
- Communications in Statistics: Theory and Methods
- Sankhya A

REFERENCES

- Prof. H. M. Barakat
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- Prof. E. M. Nigm
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- Prof. Hosni Kamel Abdelmaksoud
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