CURRICULUM VITAE

PERSONAL DATA

Name	Atef Faragalla Hashem Faragalla
Nationality	Egyptian
Position	Assistant Professor
E-Mail	affaragalla@imamu.edu.sa
Phone	0549702206

EDUCATION

Year	Academic Degree	Institution
2008	B.Sc.	Faculty of Science, Beni-Suef University
2014	M.Sc.	Faculty of Science, Beni-Suef University
2018	Ph.D.	Faculty of Science, Beni-Suef University

WORK EXPERIENCE

Period	Position	Address
2010-2014	Demonstrator	Department of Mathematics and Computer, Faculty of Science, Beni-Suef University, Egypt
2014-2018	lecturer	Department of Mathematics and Computer, Faculty of Science, Beni-Suef University, Egypt
2018-2022	Assistant Professor	Department of Mathematics and Computer, Faculty of Science, Beni-Suef University, Egypt
2022-2023	Assistant Professor	Department of Mathematics and Statistics, Faculty of Science, Imam Mohammad Ibn Saud Islamic University, Riyadh, Saudi Arabia

RESEARCH INTERESTS

Statistical inference (Estimation and Prediction) – Accelerated life tests - Compounding of distributions– Competing risks models – Progressive censoring – Complementary risks models – Mixture of distributions – Simulation.

PUBLICATIONS

1. AL-Hussaini, E.K., Abdel-Hamid, A.H. and **Hashem, A.F. (2015)** One-sample Bayesian prediction intervals based on progressively type-II censored data from the half-logistic distribution under progressive-stress model. *Metrika*. 78: 771-783.

2. AL-Hussaini, E.K., Abdel-Hamid, A.H. and **Hashem, A.F. (2015)** Bayesian prediction intervals of order statistics based on progressively type-II censored competing risks data from the half-logistic distribution. *Journal of the Egyptian Mathematical Society*. **23**: 190-196.

3. Abdel-Hamid, A.H. and **Hashem, A.F. (2016)** Comparison of estimation methods for the parameters of Poisson-Lomax distribution under progressive type-II censoring. *Journal of Mathematics and Statistical Science*. 2016: 124-153.

4. Abdel-Hamid, A.H and **Hashem, A.F. (2017)** A new lifetime distribution for a series parallel system: properties, applications and estimations under progressive type-II censoring. *Journal of Statistical Computation and Simulation*. 87(5): 993–1024.

5. Nadarajah, S., Abdel-Hamid, A.H. and **Hashem, A.F. (2018)** Inference for a geometric-Poisson-Rayleigh distribution under progressive-stress model based on type-I progressive hybrid censoring with binomial removals. *Quality and Reliability Engineering International*. 34:649–680.

6. Abdel-Hamid, A.H. and **Hashem, A.F. (2018)** A new compound distribution based on a mixture of distributions and a mixed system. *Comptes Dendus De l'Académie Bulgare des Sciences*. Tome 71(11): 1439-1450.

7. AL-Hussaini, E.K., Abdel-Hamid, A.H. and **Hashem, A.F. (2020)** Prediction for progressive type-II censored competing risks data from the half-logistic distribution. *Journal of Statistical Theory and Applications*. **19(1):** 36-48.

8. **Hashem, A.F.** and Alyami, S.A. **(2021)** Inference on a New Lifetime Distribution under Progressive Type-II Censoring for a Parallel-Series structure. Complexity. Volume 2021, Article ID 6684918, 18 pages.

9. Abdel-Hamid, A.H and **Hashem, A.F. (2021)** Inference for the Exponential Distribution under Generalized Progressively Hybrid Censored Data from Partially Accelerated Life Tests with a Time Transformation Function. *Mathematics.* 2021; 9(13):1510. https://doi.org/10.3390/math9131510

10. Alotaibi, N., **Hashem, A.F.**, Elbatal, I., Alyami, S.A., Al-Moisheer, A.S., and Elgarhy, M. (2022) Inference for a Kavya–Manoharan inverse length biased exponential distribution under progressive-stress model based on progressive type-II censoring. Entropy, 24(8), 1033.

11. Yousef, M.M., Alyami, S.A., and **Hashem, A.F.** (2022) Statistical inference for a constant-stress partially accelerated life tests based on progressively hybrid censored samples from inverted Kumaraswamy distribution. *PLoS One*, 17(8), Article ID e0272378, 2022.

12. **Hashem, A.F.,** Kuş, C., Pekgor, A., and Abdel-Hamid, A.H. (2022) Poisson–logarithmic half-logistic distribution with inference under a progressive- stress model based on adaptive type-II progressive hybrid censoring. J. Egypt. Math. Soc. 30(1), 15.

13. **Hashem, A.F.,** Alyami, S.A., and Abdel-Hamid, A.H. (2022) Inference for a progressive-stress model based on ordered ranked set sampling under type-II censoring. Mathematics, 10(15), p. 2771.

14. Abdelwahab, M.M, **Hashem, A.F.,** and Semary, H.E. (2022) ARIMA models to forecast COVID-19 in Kingdom of Saudi Arabia during the interval (1-2021 to 1-2022) weekly using E-Views program. *Advances and Applications in Statistics* 83, 41-60. http://dx.doi.org/10.17654/0972361722085

15. Rabie. E.M., **Hashem, A.F.,** and Alsheref, F.K. (2022) Depression detection model in social network content: A survey. International Journal of Software Innovation. 10(1).

16. **Hashem, A.F.,** and Abdel-Hamid, A.H. (2023) Statistical Prediction Based on Ordered Ranked Set Sampling Using Type-II Censored Data from the Rayleigh Distribution under Progressive-Stress Accelerated Life Tests. *Journal of Mathematics*, vol. 2023, Article ID 5211682, 19 pages, 2023. https://doi.org/10.1155/2023/5211682