

CURRICULUM VITAE

Amani A. Ahmed

Date: Sep 1, 2022

1. Personal Information

Amani Abu Bakr Mohammed Ahmed

- Lecturer, Department of Statistics, Faculty of Economics and Political Science, Cairo University, Giza, Egypt.
- Birth date :March 6,1985
- Marital Status: Married
- Citizenship: Egyptian
- Place of Residence: Cairo, Egypt
- E-mail: a.abubakr@feps.edu.eg

2. Education

- **Ph.D. in Statistics**, Department of Statistics, Cairo University, Giza, Egypt, 2021, Dissertation:” The SPML model under the general projected normal distribution”
- **M.Sc. in Statistics**, Department of Statistics, Cairo University, Giza, Egypt, 2012, Dissertation: “*Robust M-estimation for linear regression models: Adaptive aspect*”.
- **B.Sc. in Statistics**, Department of Statistics , Cairo University, Giza, Egypt, 2006.

3. Professional Experience

- March 2021-present: Lecturer, Department of Statistics, Faculty of Economics and Political Science, Cairo University.
- March 2012- March 2021: Assistant Lecturer, Department of Statistics, Faculty of Economics and Political Science, Cairo University.
- July 2007- March 2012: Teaching Assistant, Department of Statistics, Faculty of Economics and Political Science, Cairo University.

4. Publications

- Ahmed, A.A., Mahmoud, M.A. and El gayar, S.M.(2013), “ Robust M-Estimation for Linear Regression Models: Adaptive Aspect”, The 25th Annual International Conference

on Statistics and Modeling in Human and Social Sciences, March 25-28, 2013, Department of Statistics, Faculty of Economics and Political Science, Cairo University.

- Ahmed, A., Zahran, A., Ismail, M., Saad, A. (2019), “The effect of introducing a scale parameter on the estimation of Offset Normal distribution”, *Advances and Applications in Statistics*, 59:173-197.
- Ahmed, A., Zahran, A., Ismail, M., Saad, A. (2021), “ On maximum likelihood estimation of the general projected normal distribution”, *Journal of statistical computation and simulation*, 91:16, 3453-3472.

5. **Teaching Courses** **Under Graduate Courses**

- Principles of Statistics I.
- Principles of Statistics II.
- Principles of Mathematics.
- Applied Statistics.
- Theory of Statistics I.
- Theory of Statistics III.
- Multivariate Data Analysis.
- Nonparametrics Statistics.
- Biostatistics.
- Sampling.
- Statistics for Economists.

Post-Graduate Courses

Advanced theory of statistics for PhD students (S701-S702)

Advanced theory of statistics for M.Sc. students (S601)

6. **Activities**

Attending several useful courses and workshops that helped further academic goals, including:

- “Advanced Econometrics training course” – Department of Economics, Andrew Young School of Policy Studies, Georgia State University in partnership with the department of Economics, Faculty of Economics and Political Science, Cairo University (November 15 to 26, 2009)
- “Financial Econometrics training course” – Department of Economics, Andrew Young School of Policy Studies, Georgia State University in partnership with the Department of Economics, Faculty of Economics and Political Science, Cairo University (January 21 to 26, 2012)
- “Programming using MATLAB” – High Technology Center, Faculty of Engineering, Cairo University (January 27 to February 7, 2008).

- “Measures and Indicators of Poverty and Inequality with Different Methods of Targeting The Poor training course” – Social Contract Center, Information and Decision Support Center, Egyptian Cabinet (September 10 to 22, 2011)
- “Training on Analysis of Panel & Retrospective Household Survey Data”, Economic research form, Cairo, Egypt (December 9-11, 2013).
- “Introduction to R software”, Center for surveys and statistical applications, faculty of economics and political science, Cairo university (September 2014).
- “Advanced course in R software”, Center for surveys and statistical applications, faculty of economics and political science, Cairo university (September 2015).
- “Introduction to SAS program”, Center for surveys and statistical applications, faculty of economics and political science, Cairo university (3-5 May 2016).
- “Programming using R”, Center for surveys and statistical applications, faculty of economics and political science, Cairo university (August 2017).
- “Data visualization using R” Center for surveys and statistical applications, faculty of economics and political science, Cairo university (August 2017).
- Educational training courses introduced by Faculty and Leadership Development Center, Cairo University, such as Criteria of International Publishing, Examination Systems and Students’ Evaluation, Quality in Educational Process, Time Management, Effective Presentation Skills, critical thinking and principles of online teaching.