Armand Kapllani

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EDUCATION

University of Florida — Gainesville, FL
Ph.D., Candidate in Economics — *Aug, 2016 – May, 2022*

University of Texas at Arlington — Arlington, TX
M.A., Economics — *May, 2014*

University of New York/Tirana — Tirana, Albania
BS in Finance [Highest Honors]

SKILLS

Expertise: Econometrics (theory & applied), Partial Identification, Causal Inference, Semi-nonparametric Statistics, Social Network Analysis, Data Science Modeling, and Machine Learning.
Statistical Languages: R, Stata, MATLAB, Python, SQL.
Foreign Languages: Albanian, Greek, Italian, Spanish.

FIELD EXAMS

Econometrics, IO, and International Trade

EXPERIENCE

Analysis Group, Associate Intern [Boston Office] — June 14 – Aug 6, 2021 | Boston, MA

- Designed and implemented data-intensive analysis and build economic models in healthcare industry. Coded in Stata complex sensitivity analysis of the economic models in order to provide the client with different counterfactuals. Prepared data in Sata for litigation cases and provided an in-depth econometric analysis and interpretation of the results.

WORKING PAPERS

Coverage Bias and Partial Identification.
- Derive identification regions which consider all the possible values that the missing data can take to account for the coverage bias in surveys. Illustrate the issue using the index of consumer sentiment. [Under Review]

Partial Identification with Covariates.
- Propose a novel form of partial identification using covariates and illustrate the approach using data from the index of consumer sentiment.

Partial Identification in Social Network Models.
- Propose a novel partial identification approach for social network models with incomplete networks and a new network formation approach in order to refine the upper bounds of network centrality measures.

Identification in Social Interactions
- Derive a structural model and new identification conditions for identifying the endogenous and contextual effects in nonlinear models and estimate the model using a generalized method of moments approach.

ACHIEVEMENTS

- Department of Economics, Graduate Teaching Assistantship, University of Florida, 2016-2022
- Highest Honors (top 1% of the class), University of New York/Tirana.
- Ranked 1st in the Albanian Mathematics Olympiad for High School Students.

MEMBERSHIPS

- American Economic Association
- Southern Economic Association