Matthew Pesavento, PhD

Applied Econometrician, Health Economist

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Date of Birth	April 1994	Mobile Phone	1 (614) 370 1994
Citizenship	United States & Italy	Location	Durham, NC & Columbus, OH

Education

Ph.D., Policy Analysis (Graduate Minor in Economics), Ohio State University	2019-2024
M.A., Economics, Miami University	2018-2019
B.S., Economics, University of Michigan	2012-2016

Experience

Flatiron Health (Lead Statistical Programmer, Oncology) — 2025-Present

- Partner with Epidemiologists, Research Scientists, Research Oncologists, and project managers to translate Oncology research ideas and specifications into R code.
- Provide data expertise for research using EHR/RWD, including treatment outcomes, line of therapy information, genetic tests, and ML-extracted patient information.
- Lead statistical programming (including managing junior programmers) in numerous analyses of cancer treatment and patient outcomes in partnership with Pharmaceutical companies.
- Review Research Protocols and Statistical Analyses Plans for congruence with internal data, code libraries, and programmer capacity.
- Provide programmers with suggested code before analysis, offer technical statistical or coding assistance during analysis, review code for accuracy and style before delivering results to cross-functional partners.

The Ohio State University (Postdoctoral Scholar and Graduate Student Researcher) — 2019-2025

- Lead analyst on large interdisciplinary team of PhDs, MDs, and Biostatisticians, across 10+ projects largely focused on health economics topics.
    - Contribute to selection of appropriate research design; statistical and econometric modeling; robustness and sensitivity checks; and draft reports, academic articles, and grant management documentation.
    - Trained and mentored 15 junior research analysts.
    - Led the management of the team's 17 TB of data and processes on the Ohio Super Computer.
    - One project featured in USA Today and named Top Retirement Research Paper of 2023.
- Utilize latest econometric and statistical techniques to analyze EHR, Cancer Registry, Credit Bureau, Academic Records, and Employment data on a daily basis, to conduct outcomes research.
    - Advanced knowledge of Diff-in-Diff, Event Study, Regression Discontinuity, Instrumental Variables, Linear and Logistic regressions, Propensity Matching, Synthetic Controls.
- Taught a 4000-level course on Rational Decision Making to Juniors and Seniors (instructor of record).
- Individually obtained $15,000 of grant funding from National Bureau of Economic Research, completed dissertation, published numerous academic articles, and presented at national conferences.

Cardinal Health, Inc. (Sr. Analyst, Advanced Analytics, EMERGE Development Program) — 2016-2018

- Lead analyst on project that rebalanced sales territories based on volume, sales performance, and geospatial preferences. Ultimately was awarded Best Advanced Analytics Project in 2017 across the entire company.
- Collaborated with multiple Health Networks to provide nearest neighbor benchmarking using CMS data, data science techniques, and visualization.
- Data analyst for strategic pricing team that priced specialty drugs and biosimilars at one of the three largest pharmaceutical distribution companies in the USA with annual revenues of $200B+.
- Implemented business logic to automate data analysis in SAS for pharmaceutical strategic pricing decisions.

Technical Skills

Advanced Knowledge:	R, STATA, Python, Tableau, SQL, Alteryx
Basic Experience:	SAS, LaTeX, Matlab, ArcGIS

Extra Curricular

Married with three children, 2x Ironman triathlete, USSF soccer referee, wine economist and enthusiast