SOFIA NYSTROM

PHD ECONOMIST & APPLIED STATISTICIAN

CONTACT & PORTFOLIO

- ✉ sofnys83@gmail.com
- 📍 Salt Lake City, UT
- 💻 Research Portfolio (link)

SKILLS

Applied Statistics
Criminal justice data
Program evaluations
Large administrative data
Protected data
Data mining
Econometrics
Causal analyses
Complex data cleaning
Automating reports
Public speaking
Leadership experience
Strategic vision
Project management
Stakeholder engagement
Mentoring
Collaborator
Creative research designs

Programming languages: R (advanced), STATA, Python, SPSS, MS Excel

Visualizations: R-Shiny, R html Power BI, Power-point

Languages: English, Swedish

PROFFESIONAL PROFILE

Lifelong learner with diverse technical expertise (applied statistics, econometrics and computer science!). 10 years of experience leading and collaborating on advanced statistical study designs using in-demand programming languages (particularly R), with a passion for storytelling and deriving insights from large and complex data.

WORK EXPERIENCE

Co-Director of Research
Governor's Office, Salt Lake City UT | July 2014 - present (held the title of Research Consultant between 2014-18)

- Designs and conducts advanced statistical analyses to guide criminal and juvenile justice policy discussions
- Supervises and mentors research staff in data manipulation and statistical methods using R
- Builds automated tools for use in timely decision making
- Collects, analyses, and visualizes data to promote system-wide equity
- Presents research to diverse audiences (executives, academics, Utah' legislature and more!)

Instructor, Econometrics
University of Utah, Economics Department | Fall 2016 & Spring 2018

Graduate Research Assistant
University of Utah, Economics Department | Nov 2011 - June 2014

EDUCATION

PhD in Economics (Econometrics & Healthcare Economics)
University of Utah, Economics Department | Aug 2012- Dec 2018

Graduate course-work in Big Data
University of Utah, School of Computing | Jan 2020 - May 2020

MS in Economics
University of Utah, Economics Department | Aug 2011 - Dec 2012