

Tyler Whitehead

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EDUCATION

California Polytechnic State University, San Luis Obispo

Masters of Science in Econometrics and Quantitative Economics

Graduated: December 2018

California Polytechnic State University, San Luis Obispo

Bachelors of Science in Agricultural Business

Graduated: June 2017

SKILLS

- Strong analytical skills with the ability to organize, collect, and disseminate large datasets with attention to detail and accuracy.
- Econometrics (linear regression, logistic regression, model selection, maximum likelihood estimation, mixed logit, truncated and censored regression, ARIMA modeling, vector autoregression)
- Excellent knowledge of R(lm, glm, glmnet, leaps, AER, xts, quantmod, ggplot, shiny, SQLite, quantreg, geosphere, stargazer, aatsa, forecast)
- Excellent Knowledge of Excel (pivot tables, dashboards, conditional formatting, VBA and macros, advanced formulas, charts and graphs, VLOOKUP and HLOOKUP, index/match)
- Strong knowledge of PostgreSQL
- Strong knowledge of STATA
- Certification in Google Analytics
- Excellent in Microsoft Word and Powerpoint

NOTABLE COURSEWORK

- Analyzed loan application acceptance data with R comparing logistic regression models using maximum likelihood estimation and bootstrapping for standard errors.
- Analyzed customer choice data using latent class mixed logit model
- Analyzed Census of Birth Data using STATA to examine causal effects of smoking on birth weight using OLS, logistic regression, censored regression, truncated regression, quantile regression and average treatment effect.
- Analyzed time series data using R to create forecasts using Autoregressive Moving Average model selection.

PROJECTS

Master's Thesis

Analyzed the Effects of Superstores on Obesity in America

- Used Two-Stage Least Squares Regression Analysis on ERS Food Atlas Data
- Addressed endogeneity by using instrumental variable that is the distance from the original location of Wal-Mart and verified consistency using Wu-Hausman, Sargan and weak instruments tests.

Mock Angel Investor Group Presentation

Pitched Energy Drink Startup Proposition to Business Investors in San Luis Obispo

- MBA Elective Class
- Voted Winning Presentation by Judges

WORK EXPERIENCE

Sextant Winery

Tasting Room Attendant

San Luis Obispo, CA

June 2016 – July 2018

- Worked as a tasting room attendant giving presentations on the wine and history of Sextant Wines.
- Encouraged wine sales and membership sign ups

California Polytechnic University, San Luis Obispo

Instructional Student Assistant

San Luis Obispo, CA

January 2017- June 2017

- Conducted research on economic impact of the California Grocers Association under the lead of Dr. Richard Volpe.
- Presented Findings to head CSU Board of Regents