

Required Texts/Readings

Textbooks (Required)

1. **Term Paper Outline (10 points):** The outline is required by Friday, March 22nd, 2024. The outline should include why the topic is interhe,

- IV. **Data description:** Please describe the data you are going to use to estimate your model. Make sure to describe the dataset you are using by providing summary statistics of important variables (in a table). The table should include: variable name, number of observations, mean, median, standard deviation, minimum and maximum values of the variables.
- V. **Model Estimation and Findings:** You should use the techniques developed in class to analyze your data and estimate your model. Your results should be reported and discussed in this section and could include: parameter estimates (intercept, slope coefficients), standard errors, t-statistics, p-values, F-statistics, R-squared, number of observations, tests for autocorrelation, heteroskedasticity, and possible multicollinearity, as appropriate. Please present the estimates (parameter estimates (intercept, slope coefficients)), standard errors, t-statistics, F-statistics, R-squared, number of observations) mentioned above in a table and then discuss your findings in details with words.
- VI. **Conclusion.** Review the major findings as well as possible extensions for future work. Make sure to mention any limitations of your approach as well as alternative explanations of your results. Policy implications, if any, could also be included in this section.
- VII. **Tables and graphs.** Your paper must include at least one table and one graph. The tables and graphs should be well-labeled and accessible to the reader—do not merely print out your regression output with cryptic variable names directly from R.
- VIII. **References.** You should have a minimum of 4 relevant papers that you have come across in your literature review. Please follow APA format to list references. The link below will help you understand how to organize your references following APA format:
<https://www.sjsu.edu/writingcenter/docs/handouts/APA%20Formatting%20Guidelines-7th%20Edition-Final.pdf>

Grading Information

Your grade will be based upon:

Assignments	% of your grade	Due Dates

GEQP '325D/231K'vt q'vq'Geppqo gvt leu.'Ur t lpi '4246.'Eqwt ug'Uej gf wng

Tentative Course Schedule

Week	Date	Topics, Assignments, Deadlines	Assigned Readings
1	1/24	Introduction, and Syllabus	
2	1/29 and 1/31	Review of Econ 103A Material: The Nature of Econometrics and Economic Data, Bivariate OLS	Wooldridge Chapter 1 Bailey Ch 3

Week	Date	Topics, Assignments, Deadlines	Assigned Readings
Final Exam	5/15 (Wed)	Final Exam will cover Instrumental Variables, Regression Discontinuity, Fixed Effects, Difference in Difference Models, Dummy Dependent Variables and Time Series Regressions. Exam will be assigned on Canvas	Bailey Ch 8, Ch 9, Ch 11, Ch 12 and Ch 13

Final Term paper **5/19** **Sunday, May 19 on Canvas by 11:59pm**