Project 01, Fall 2021

Criteria	Ratings	Pts
Title Clear, Interesting, Focused	+Title is clear and to the point!	5 pts
Author/Contact Info Your name and email addr.	All info included!	0 pts
Abstract Summarizes I,D,M,R,D in 3-6 brief clear sentences.	+I really like how you directly outline the 4 questions and its results to summarize your findings. This is definitely straightforward in the perspective of a reader (you could maybe think of a way to shorten the sentences as it may be wordy to outline all variables for your 3rd research question in the abstract.	5 pts
Introduction Brief, clear, to the point; context for the problem; What is the problem/aim of the study? What questions will be answered?	+ Brief and clear intro! All questions / aim of the study are outlined. I really like how you describe the motivations and context for the problem at the start of your intro.	10 pts
Data How was the data generated? By whom? Variable definitions, sample size, quick numerical summaries of the variables and initial EDA. Don't forget to add some sentences/paragraphs explaining everything!	+ Includes all information about the variables, how the data is generated, and an initial histogram to explore the skewness. You could also include a histogram of the response variable per capita income, since it may be helpful to explore the skewness / distribution shape, etc of the main variable we are looking at.	5 pts

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Methods List the methods and/or analyses that will be used to answer each question stated in the Introduction. No data analysis, graphing, model fitting, etc. appears here	I liked how you clearly defined each research question and identified the variables used (easy to read!) For number 3, you could add a bit more detail on what kind of transformations you used	5 pts
Results Statistical analysis & results in order parallel to Intro & Methods; no new methods or data; no big picture discussion	I really like how easy it is to follow along the necessary key information for each question while leaving the extra plots and outputs in the technical appendix for the reader to refer to if needed. I especially like the red highlights that you provided in the pair plots - easy for the reader to look at the key information. I think you could describe what information you can find in what page of the code appendix rather than directing the reader to a general section.	10 pts
Discussion Recap findings; address main problem/question; strengths & weaknesses; implications, unanswered questions, future research	Findings are well recapped, all research questions addressed and also discussed limitations and future work. It was very easy to read since you divided up the sections into 4 and addressed each of those in order. You could also elaborate on what kind of "complex models" you would look in the future to overcome the limitation (explore more interactions, etc.)	10 pts
Mechanics Follows C-C-C as much as possible (sentences, paragraphs & sections); Grammatical; Easy to follow	Easy to follow!	5 pts

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Statistical Content Correctly and appropriately uses technical and non-technical material we have learned in class. Easy to follow; Analysis makes sense/not crazy (roughly 10% per research question)	Content and analysis are appropriate!	40 pts
References & Citations Follow ASA guide, "The Reference List" & "Reference Citations" (be sure to cite all sources!)	+ I think you could also add the Kutner et al dataset in the references.	5 pts
Technical Appendix Helps me to understand your paper and give you max points above; Easy to follow. Complete analyses: R code, output, graphs, tables, and comments explaining what you did and why.	Technical Appendix looks good!	0 pts

Total Points: 100/100