Title - 5/5
Good clean title! Maybe consider a title:subtitle format though (see here:
https://poorvucenter.yale.edu/sites/default/files/files/Titles%20(revised).pdf). It gives you an
opportunity to express your creativity and make your paper stand out.

Author/Contact Info - 0/0
All information present.

Abstract - 5/5
Abstract covers all essential elements and recaps the IDMRAD structure of the paper. It might
be helpful to trim some of the information though since the abstract is a little long. You could, for
example, only mention the highlights in the methods section.

Introduction - 10/10
The intro does a good job of explaining what topics will be covered in the paper. But the
motivation for the paper isn't particularly clear. What can the fictional social scientists do with the
information you plan to uncover? How does understanding the relationship between the
variables inform policy making?

Data - 5/5
Love it! Covers all the important aspects of the dataset. Good choice of visuals. One possible
improvement: you only give summaries for a few of the numeric variables (obviously you can't
write separate sentences for all 14). Maybe you could tell a story about why you chose the ones
you did? Doesn't have to be fancy. Just something to introduce the summaries like: "Our clients
are particularly interested in understanding how per capita income and crime relate. Both of
these variables are right skewed and….[insert your commentary here]."

Methods - 5/5
Short and to the point. Maybe consider including a paragraph explaining how you'll answer the
third question?

Results - 10/10
Results follow description in methods. Just a minor criticism: maybe cover correlation before
discussing transformations. That way you don't have to interrupt discussion of your modeling
choices.

Discussion - 10/10
Good content. Can't really think of anything to critique here!

Mechanics - 5/5
I would make sure the tables and figures follow a consistent formatting standard. For example,
Table 2 is substantially bigger than table 1 and uses a different font. A similar thing is happening
with the font size of the graphs.

Statistical Content - 40/40
Solid approach. Liked that you left the categorical variable out until the end like Brian discussed in class. Where does this 10% rule of thumb come from? Is there a citation/rationale in the relevant literature or does it just seem reasonable to the author?

References & Citations - 5/5
References look great! Good formatting. Like I mentioned above, I might add a reference for the 10% rule of thumb but other than that it looks good.

Technical Appendix - 0/0
Lots of good material. I would suppress unnecessary output from your R Markdown file - for example, the progress information when loading packages. Just add `message = F` to the header of the code chunk and that should take care of it.

Total Points ----- 100/100

Nicely done!