**Final Paper - 176/200**

* Abstract, keywords, and reference (5 pts)

Your abstract should be about the question you are answering, not about the process you used. Good key words.

4/5

* Introduction (25 pts)

Backwards a little on the thought here. Motivation isn’t to build a statistical model. Motivation is to answer a question. The statistical model is just a tool to accomplish this.

When we say things like “many researchers have done work” there should be citations.

Careful in second paragraph, goal is not to build a predictive model. It’s to understand the root causes (inferential model).

Good overall summary.

22/25

* Literature Review (25 pts)

3.1 – First sentence is a fragment. Interesting research, just summarize it a bit better. The second citation is much better. Careful in your writing when you say things like “The last model I looked at” Just talk about the research, don’t use first person writing here. We want to avoid “I did this.. “ I did that…” in our writing.

Section 3.2 is very good (other than the title of the section!) I like how you contrasted the previous research with you work here.

24/25

* Methodology (55 pts)

No need to discuss the data cleaning you did, nor the fact you worked in Excel and then in R. This is important work to do, but not important work to discuss in a formal report.

You switched form “I” to “we” here. Don’t talk about “we were tasked with” Just say what you did.

In latex, you can do $Y \sim N(0,\sigma)$ to get the ~ symbol. I would also put each of your covariates on a separate line. Overall, well written out models though.

Well written models!

48/55

* Experimentation and Results (55 pts)

Relook at the start of Section 5 and end of Section 4. You didn’t proof read this.

You forgot you are on the log scale when you discuss the intercept being negative. It is NOT saying that there are less than zero burglaries as e^(-5.196) is still greater than zero.

Good model selection/assessment discussion.

45/55

* Discussion and Conclusions including ethical considerations (35 pts)

Good ethical discussion. For your findings, tie it back to the question at hand. What does it mean for burglaries in Chicago that Model 2 fits best?

‘frist’ instead of ‘first’

Again, eliminate things like “I will mention” in your writing. Just tell your audience what you are going to say.

33/35