**Methods** **Rubric/Check List:**

Feel free to organize your methods in another way. This is what made sense to me when I wrote my draft. My version has a few pieces in it that we have no talked about yet, but if you want an idea for length: I used 316 words, which is 1-2 double spaced pages. Remember that AbigailTestData, which we used in coding on Monday, is the final data we get from Chipper. Look at the column names to figure out what data we get from Chipper. We have not talked about the song meta-data yet, but there is also a sample of it on Brightspace called "TestMetaData Feb 19th-Mar19th." Look at that. I think it's fairly self explanatory what is it and where it came from, but if you have questions, feel free to ask.

**TOTAL: 20 Points**

**First, Formatting Stuff: (4 points)**

●Written in past tense (1 point)

●Largely written in passive voice, but used either "I" or "we" as necessary. (1 point)

●Few to no typos or grammar mistakes (1 point)

●Did not abuse "then" for padding. E.g: We did x, and then we did y. Then we did z. Then songs were… (1 point)

**Data Collection: (3 points)**

● Explained where raw song recordings came from (1 point)

● Explained where song meta-data came from and what it included (1 point)

● Explained where the light maps came from and what part of the world they show (1 point)

**Analysis and Statistics: (13 points)**

●Explained how we went from raw songs to bouts to syllables (2 points)

●Explained what was done if a bird knew multiple song types (1 point)

●Mentioned the three programs we used for analysis\* (3 points)

●Explained how each program was used and what data is generated (3 points)

●Explained how we decided whether a recording was taken in the city or in a rural area (remember the data we collected!!!) (2 points)

●Mentioned what test we used to test for significant differences between rural and city birds and what we used to control for multiple testing.\*\* (2 points)

\*the server and cywin/the terminal are not included and do not need to be mentioned at all!

\*\* I know we haven't done this yet, but you guys know enough stats to figure out what kinds of tests would be good for this. There are multiple right answers right now. :)