

AS.280.347

CLASS 3.4

- Poisson regression
 - A couple administrative details
 - Present your ideas/work
-

Issues You've Run Into...?

- **Reading the data into R**
- **Exploring the data**
- **Poisson regression for counts/rates (see notes posted last week)**

When presenting your work:

- Discuss analysis idea (what's your question?)
- Discuss problems you ran into (and solutions if you have them!)
- Describe your:
 - Data
 - Data Cleaning
 - Exploratory Data Analysis
- To provide feedback:
 - Ask questions
 - Make suggestions for improvement!

Important dates

- **April 27:**

- Each person will present their results to the class. You will have ~3 minutes to talk about your project. You should prepare ~4 slides to aid in your presentation:
 - Slide 1 will have your question, your data set, and your design (outcome, predictors, confounders, etc).
 - Slide 2 should have a DAG showing your proposed relationship with confounders/modifiers included.
 - Slide 3 should be a data display that addresses your question.
 - Slide 4 should show the results of a statistical analysis to answer your question.
 - **You should submit these slides Sunday night through GitHub (Blackboard?) before coming to class.**
 - **You should also submit your current work through GitHub so we can give you another round of comments on your work.**

- **May 14 (Thursday):**

- Your written report for your project is due at midnight through Blackboard/GitHub. For each question of interest, you should have a data display and a statistical analysis to address the question. Write up your results in a few paragraphs to answer your questions. In your write-up, you should refer to your data display(s) and your analysis results. Be numerate!

Assignment 3.4 – Keep working!

- Submit your current work in R markdown through GitHub by Sunday @ midnight
 - Rmd file and either dataset or knit html file
- Include any specific questions you have or places where you are stuck
- Be prepared to present (talk about) your work in class on Monday
- If you are struggling or want to talk through your project/code please come to office hours or reach out over email!