Project Notes

Questions:

* Class:
  + I’ll be working with pretty large dataset of neuroimaging data, each of the 35 participants has a concatenated betas image that’s about 17 mb. Should I be keeping this with the project folder or is this too much to share on my website?
  + Am I able to share a dashboard on my website via a blog post?
* Dasa:
  + I was planning on using the category decoding, but should I also try the correct v. incorrect trials to test the algorithms on different classification problems?
  + Should I use the smoothed betas?
  + Should I use just one of the trial timing conditions or all of them?

Week 3: 1/17/22 – 1/21/22

* Compare the results of the algorithms to sub-sampling
  + Not optimal bc we can lose a lot of data that way
* Where I’m at:
  + Figuring out…
    - Which data to use (temporal or no temporal derivative, smoothed or non-smoothed betas, all or just one trial timing condition)
    - How to get the fMRI data into R… I’d like to be able to read the fMRI images into R directly and extract the values that I need within the script… this will allow me to just the regions of interest more easily. If this ends up being too much work, I could also extract the betas on Talapas and save them into csv files, but this would be an extra step.