

Week 8 – Check In

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1. How was the mentor meeting? Was there a good discussion/Did you get your questions answered/requests responded to?

Our meetings have been going well! Our weekly meetings are typically with Ritvik (the technical lead for the project), and either a medical expert from Elsevier or Dr. Kessler. Last week, only Ritvik was able to attend the meeting, and thus our questions were a bit limited to the technical side of things, but hopefully all will be resolved for this week's meeting.

2. What has been your individual contribution to the project this week?

This week, I worked on several aspects of the project:

- Reconfiguring the current workflow to combine data sources, and testing the effect of image normalization on model performance under this workflow
- Testing model performance when trained on one set of images and tested on another set of images (something our mentor explicitly asked for)
- Adapting the current workflow to display distribution of new and old images throughout the training process

3. What has been the group's overall status and contributions this week?

Most of the group's work this week has been to work on various aspects of combining our data sources. Some members of the group are working on hyperparameter tuning our data augmentation process, which will be incorporated into the workflow for increased generalizability of our models, while other members are adapting the existing models to take in a larger batch of information from multiple sources.

4. Any challenges or roadblocks?

The biggest challenge right now is finding a good end goal; while we have accomplished a lot this semester, as the semester comes to a close I want to ensure that we have a clean, polished story for presentations!

5. Any questions or feedback?

Not particularly. I feel most of my questions will be answered as we go through the above bullets!