

ADNI Biostatistics Conference Call: Minutes  
3 June 2008

Present on call: Laurel Beckett, Danielle Harvey, Hao Zhang, Rali from UCSD, Mike Donohue, John Kornak,

The big activity for this week is that the labs are supposed to be submitting the summary measures from the common group who had reached the 12-month follow-up. Mike reported that several groups have already submitted updates. Danielle asked whether forms were available for Colin Studholme's data; if not, we will get a separate dataset from them.

The last MRI call reported that everyone was busy generating data. Danielle sent an updated spreadsheet, and identified also those who had PET as well as MRI. Their priority was based on that list; first AD, then MRI, focused on baseline and 12 months. If time permits, they will add 6 month and normals. There is a push to add more information and analysis on normals so that we can give feedback to help in design of ADNI II.

The voxel group decided because of time constraints that they would do the training-test set approach for cross validation, but if a lab or two has time, they will explore use of 10-fold cross validation. That would give some indication of whether there is more power with a larger sample used for training. Eric Reiman's lab from PET core is likely to be primary user, also possibly Paul Thompson's lab (but Paul is planning on submitting a priori regions of interest.) Danielle will remind labs to provide documentation on which if any regions are data-driven. The LONI Wiki is a great place for documentation also and people have been quite active in posting to that.

Mike thinks that they will not be ready for Colin's data; they have emailed a description but no sample data. He will request that from Colin.

We are still working on organizing a research forum for ADNI-related topics. We might try to get together at WNAR. We will see what schedules might work out. Another possibility is JSM, but not so many folks are going there.

Danielle is still waiting for the Industry folks to get back to us on who is interested in a training program on analysis of ADNI data. She sent a mailing to earlier participants but has not heard back from Pat Cole and David Lee about additional participants. She sent them her mailing list and asked them to add folks and share information. It will be a web-based conference. She will send one more mailing to Pat and David, then go ahead and schedule and see who shows up, probably early September.

Laurel and Danielle will not be able to be on next week's executive committee call; we will ask Anthony if he will be on and to update us on any biostat issues.  
Next call is Tuesday, 17 June.