ADNI Biostatistics Conference Call
25 March 2008

Present on call: Danielle Harvey, Hao Zhang, John Kornak, David Shera, Joanna Fueyo

Danielle updated everyone on the status of the analyses for the April 14th Steering Committee meeting. Hao is busy generating tables for several of the labs and Danielle will be sending him some additional variables to analyze later today. So far, the only voxel-based group that is submitting numeric summary data generated by an underlying statistical analysis is Eric Reiman's lab (submitting local maxima from an SPM analysis of PET data). The other labs are submitting ROI data. Danielle is getting additional clarification from the Reiman lab about how the data are generated so that we can determine an analytic strategy for those data. Hao will complete all analyses by March 31, so that we can begin to communicate with the individual labs about their results and start putting together the Steering Committee presentation. We plan to circulate a draft presentation before the next conference call, so that we can get feedback from all members of the Biostat Core.

Danielle did not have a chance to check with Laurel about updates from the Executive Committee call, so we will wait until the next call to hear updates.

Danielle is still working on gathering information for the ADNI data analysis training session, so there was nothing new to report there.

There were no updates from the voxel-based groups. John reminded us that the voxel-based labs are essentially doing whatever works best for them and that we will deal with how to compare across the various methods later. He mentioned that Paul Thompson has some interest in using FDR to compare across the methods and that Paul and Gene Alexander may end up ultimately using the same template, making comparison of their approaches easier.

Dave Shera said that his group is primarily interested in the CSF biomarker data. He was wondering when longitudinal biomarker data would be available. Danielle said she hadn't heard any projections for when follow-up assessments would be processed by the biomarker lab, but she'll let people know if she hears something. Dave also said that he might hear before Danielle does, so he'll pass along anything that he hears.

Joanna said that her group is still in the early stages, still thinking about the initial questions that they want to ask of the data. She had a conversation with Mike Weiner who gave her some good guidance on how to think about the data.

Next call: April 8