

ADNI Biostatistics Conference Call
7 April 2009

Present on call: Laurel Beckett, Danielle Harvey, Hao Zhang, David Shera, David Verbel, Fred Immerman, Mike Donohue, John Kornak.

Laurel and Danielle will be presenting at the meeting in Seattle; Laurel will do ISAB and SAB presentations and Danielle will do a presentation at the big conference on Sunday.

Danielle reported on data analysis to date. We finally have data from all labs and cores. Hao has generated standard reports for the 1.5 T and 3 T MRI, for the funded MRI labs, and is starting the reports for PET. He has also summarized results for two non-funded MRI labs that have posted summary data. We have done comparisons across all the labs that submitted large amounts of data in MRI, but for the main comparisons we left out several labs that didn't generate so much data. In secondary analyses, they will be compared with the best of the other group. Danielle also sent a summary of neuropsych test data to Ron, for his presentation.

Mike Donohue is working to send out this week the survival analysis and the covariate model analyses. He will also generate the standard report on follow-up and loss to follow-up, and the conversion report for Ron.

Danielle asked if there were any longitudinal data from blood or urine; we do have longitudinal data from csf. Mike said no, we do not have much data there. Danielle noted that we have month 6 homocysteine but nothing else from blood or urine. Mike thinks not, but he will follow up to find out if any longitudinal analyses are planned and if so when they will get us the data.

Laurel suggested that we do longer-term analyses for April presentation only on a subset of markers. We only have two-year data on a subset. We propose to do the comparisons across biomarkers first, to identify the most promising subset. Then we would look within this for markers that do have data past 12 months and analyze only these few for the April meeting, leaving a more complete analysis for the summer.

Mike is looking at time to conversion from MCI to AD using apo-e and biomarkers and maybe treatment.

We will send out drafts of our slides before the meeting, as some of the group will not be present at the meeting.

Next call is 5 May, 10 AM Pacific time. We will update people on the meeting.