

ADNI Biostatistics conference call minutes
5 January 2010

Present on the call: Laurel Beckett, Danielle Harvey, Hao Zhang, Bongin Yoo, David Shera, Jian Han, Fred Immerman, Mike Donohue, John Kornak.

Danielle reported that not much is happening in the imaging groups. The PET Core is discussing adding a small pilot study of a new imaging agent but has not made a decision yet. The MRI Core is just getting started on the new activities, but little of relevance yet for statistics. Each group has a call scheduled in the next few weeks to finalize protocols for the new imaging techniques for ADNI-GO (and, we hope, for ADNI-2). Recruitment has not started yet, but they hope to start in the next month.

Laurel updated the group on two papers in process. One is an invited paper for a special issue of Alzheimer's and Dementia, focused on results as presented in the preliminary results section of the ADNI-2 proposal. The second is a paper on the normals, building on work done by Laurel's and Danielle's student, Jasmine Nettiksimmons. She has found patterns of clustering of biomarkers (imaging and CSF) that suggest heterogeneity at baseline, and preliminary results suggest that they correlate at least cross-sectionally with some cognitive measures and possibly with conversion to MCI. More analyses are underway, and we plan to submit this to the special issue of Neurobiology of Aging. People raised some good questions for us to consider about confounding and ceiling effects. We will keep the group posted. We hope to see many more analyses underway on the ADNI-1 data while we are waiting for ADNI-GO data to start accrual and for approval (we hope) for ADNI-2.

There are no major new data updates expected until the ADNI-GO recruitment starts. Mike Donohue will give us a heads-up when that starts flowing in.

Our next call is 2 February 2010 at 10 AM Pacific time.