

ADNI Biostatistics Conference Call
17 June 2008

Present on call: Danielle Harvey, Hao Zhang, Laurel Beckett, John Kornak, David Shera, Mike Weiner, Fred Immermann

Danielle updated everyone on the analyses currently being conducted at UC Davis for Neil Buckholz and for the ICAD meeting. The analyses for Neil focus on change in neuropsych and a few imaging measures in the Normals. We are also looking to see if those with Apoe4 change more than those without e4. We are also providing a summary of the conversions that have taken place (Normal to MCI and Normal to AD). We will be sending those results to Neil later in the week. ADCS is generating some clinical summaries to also send forward. For ICAD, we are currently summarizing the data that has been sent in by the different labs. Colin Studholme was delayed by some hardware problems but is busy generating data. Hopefully he will be able to submit data that can be included in the analyses for ICAD. Gene Alexander submitted data for the 1.5T vs PET comparison and will be sending in data for the 1.5T vs 3T comparison later in the week. Hao will regenerate the tables with the lists of subjects with baseline and month 12 images for 1.5T, 3T and PET along with whether or not each lab has processed those images so that we can identify how many subjects were processed for the major analyses being done for ICAD (12 month change in AD, 12 month change in MCI, 1.5T vs 3T comparison of measures and 1.5T vs PET comparison of measures). These tables will then be distributed to the PET, MRI, and Biostat cores.

Laurel said that our strategy for the ICAD analyses will be to identify the maximal subset of subjects processed by the majority of labs for the primary analyses (this approach may omit a few labs). Secondary analyses may be done on a smaller subset of individuals that have been processed by more labs than the primary analyses. We just want the primary set of analyses to be conducted on the largest possible sample size.

Laurel also mentioned that we are putting together the budgets for ADNI II, which will be sent along shortly. The Biostat Core budget is not dependent on the number of subjects enrolled, but rather on the extent of the analyses to be done. Our grants manager has put together the budgets, so Laurel just needs to summarize them and send them off.

Danielle circulated a list of analyses that she knows of that are being done using ADNI data. The list includes contact information as well. If people have analyses that they would like to add to the list, let Danielle know. The list is meant to keep everyone up to date on current analyses as well as to minimize the duplication of efforts. The list will be updated quarterly.

Next call: July 1