

ADNI Biostat conference call
6 June 2006

Present on call: Laurel Beckett, John Kornak, Monica Chu, Rob Croop

John: The voxel folks are reconsidering the issue of whether it is possible to have a common template. VBM uses average template, while TBM benefits from a different approach. The voxel group thought they had resolved this but Mike is pushing for common template. The voxel call is now integrated with the MRI calls, every other Friday.

Monica reports that there were 73 enrolled in May. So far we have 107 normal, 132 MCI and 60 AD. So far 99 consented to 3T and also to PET. Mike reported at last executive call that we are paralleling, at least, the target enrollment, and in May in fact we seem to have exceeded the target rate. We are now halfway on the normals, who are probably the easiest to recruit.

Laurel: We are working on the detailed analytic plan: the first task is to generate a matrix with a row for each image or biomarker summary measure and column for clinical measure. Each cell corresponds to 3 potential hypotheses: cross sectional (association at baseline), predictive of change (image or biomarker predicts a specific type of change), or longitudinal correlational (change in image or biomarker is correlated with longitudinal clinical change.) We can also examine hypothesized associations between different image or biomarker summary measures, and again these could be cross-sectional, predictive, or longitudinal correlations. The goal is to lay out a schema of research hypotheses, and a template analytic plan for different types of analyses.

Monica says there is a report for tracking entry of scan and clinical data. They will be watching to make sure data are completed and giving feedback if parts are missing.

Rob: There will be a statistician for GSK who will serve as a contact person for industry. Many companies are starting to think about what they would like to do in the way of analyses. It looks as if the workshop would, at earliest, be late in 4th quarter 2006 as we have no firm date on getting analyzable data and the earliest would be late summer. We may, if we don't get data until September, want to postpone till early 1st quarter 2007, which might be easier than trying to do something during the holiday season. Laurel will keep everyone posted.

We will plan on a call in two weeks. Laurel will be out of town but Danielle can chair.