QIBA fMRI Reproducibility Work Group Update  
Tuesday, June 7, 2011 at 11 AM CDT

Call Summary

In attendance
James Voyvodic, PhD (Chair)
Ted DeYoe, PhD
Feroze Mohamed, PhD

RSNA
Joe Koudelik

General Discussion Items
- Workflow topics and progress discussed
- SPM, FSL, AFNI analysis algorithms discussed; many sites utilizing fMRI, but clinicians remain skeptical of FDA approved software
- Dr Voyvodic submitting results of quantitative reproducibility study for publication (independent of QIBA activities)
- Laterality Index requires more clarity at a later date
- Cross-normalization methods discussed
- Dr DeYoe to begin signal analysis on his datasets utilizing AMPL-E thresholding
- If possible, Dr Voyvodic to send c-code to Dr DeYoe so analysis can be done in an identical manner

Next Steps
- Continuation of fMRI reproducibility issues to discuss on the next group call
- Dr DeYoe to implement Dr Voyvodic’s published algorithm in his dataset analysis
  - Dr Voyvodic to send c-code to Dr DeYoe if possible
- Next call scheduled for Tuesday, June 21st, at 11 am CDT