

QIBA fMRI Biomarker Committee Call Summary
Wednesday, July 1, 2015 at 11 AM CT
Call Summary

In attendance

Ted DeYoe, PhD (Co-Chair)

James Reuss, PhD (Co-Chair)

Gary Gong, MD, PhD

Feroze Mohamed, PhD

Jay J. Pillai, MD

David Soltysik, PhD

James Voyvodic, PhD

Zhiyue Jerry Wang, PhD

Kirk Welker, MD

Yuxiang Zhou, PhD

RSNA

Joe Koudelik

Susan Weinmann

Moderator: Dr. DeYoe

Review of Previous Call Summary

- The June 17 Call Summary was approved as written

Round 4 Project Status Update (Drs. DeYoe and Voyvodic)

- fMRI DRO Update (Dr. DeYoe):
 - Modeling of DRO with associated head-motion continuing
 - Test sets of DROs with NVU will be posted to the QIDW
 - Drs. DeYoe and Pillai to discuss NVU characterization and clarification re: how raw data was collected, i.e., the method used
- Dr. Voyvodic: quantitative analysis of performance variations
 - Dr. Voyvodic has downloaded both head-motion and NVU data, and in analyzing noise samples for incorporation into his DRO
 - It was expressed that a plan for a common data format was needed
 - After some group discussion, it was agreed that the NiftI DRO data format would be most useful vs. AFNI Bricks or DICOM formats
 - Uploading raw data (i.e., subject scans) to the QIDW was discussed; use to DRO development vs. HIPPA concerns were addressed

NIBIB Year 5 Proposal Status (Dr. Voyvodic)

- Awaiting decision from Steering Committee; expected mid-July

Profile Development (Dr. Mohamed et al.)

- Profile version from June 17 (Format 2.1) was displayed
- The recent fMRI Bias TF call was devoted to working on tables in section 3
- More clarification is needed regarding 3.1.5 and 3.2.1.1 specification tables

QIDW Organization and Use for DRO and Results Storage

- The suggestion was made to add a folder for supporting documentation (example: citations)
- Including raw data so that DROs can be reproduced is still under discussion
- Dr. DeYoe has put together a description on how his DROs were created

fMRI BC-DTI TF Joint Discussion

- The purpose of this upcoming call is to discover common brain-mapping goals
- Outcomes will be reported at the next fMRI BC call on Wednesday, July 15

Next calls:

- QIBA fMRI BC-DTI TF Joint Discussion - Wednesday, July 8 at 2 PM CT
- QIBA fMRI Bias TF call - Tuesday, July 7 at 10am CT
- QIBA fMRI Biomarker Committee call - Wednesday, July 15 at 11am CT