

QIBA fMRI Bias Work Group Call
Tuesday, April 15, 2014 at 10 AM CT
Call Summary

Participants

James Voyvodic, PhD (Chair)
Ted DeYoe, PhD
Cathy Elsinger, PhD
Shing Chun Benny Lam, PhD

Feroze Mohamed, PhD
Jay Pillai, MD
David Soltysik, PhD
Daniel Sullivan, MD
Yuxiang Zhou, PhD

RSNA

Joe Koudelik
Madeleine McCoy

Topics discussed:

Discussions and Prioritization of Round-4 Projects

- Dr. Voyvodic discussed the Year 4 Project as an extension of the current DRO Project
 - Developing the Year 4 Project has focused the overall goals for the Year 3 project
 - Short-term objectives for Year 3 include:
 - Identify DRO scans and put them into a DICOM format
 - The files will be saved into a zip file with two options
 - 1 zip file per DRO
 - 1 zip file per scan series
 - Downloading DRO files, unpacking, importing into analysis software, task timing, setting thresholds and generating activation maps were also discussed.

DRO

- A description of the various DROs to be created as well as the added noise components was reviewed.
- fMRI DRO upload to the RSNA QIDW (warehouse) specifications will be discussed during the QIDW DRO t-con on April 28th.
- The plan is to have 10 DRO pairs (full set of 20 datasets) generated with limited noise scope
- Neurovascular-uncoupling (NVU) deemed appropriate for a Round-4 proposal
- Dr. Voyvodic plans to have the DRO downloading and initial analysis completed by this summer, but imaging site feedback regarding individual findings will be critical for the final analysis.

Next calls:

- QIBA fMRI Technical Committee, *Wednesday, April 23, 2014 at 11 am CT*
- QIBA fMRI Bias Working Group, *Tuesday, April 29, 2014 at 10 am CT*