QIBA fMRI Biomarker Committee (BC) Call
Wednesday, July 26, 2017 at 11 AM CT
Call Summary

In attendance

Jay Pillai, MD (Co-Chair) Edward Jackson, PhD David Soltysov, PhD
James Reuss, PhD (Co-Chair) Nancy Obuchowski, PhD James Voyvodic, PhD

RSNA
Julie Lisiecki
Susan Weinmann

Review of Previous Call Summary

● The 7.12.2017 call summary was approved as presented

fMRI Bias TF Update

● Dr. Voyvodic and his student are re-evaluating Round-1 Project data

Profile 2.0 Language Mapping (Dr. Reuss)

● Literature search is underway; searches can be annotated and articles posted at:
  https://drive.google.com/drive/folders/0B6So9x1DSqdaZG1NbG5ibHNCU3c?usp=sharing
  o To request editing privileges, contact: qiba.fmri@gmail.com

● White paper on language-mapping paradigms (for which Drs. Pillai and Welker are senior authors) was accepted by ASFNR [publication date unknown at this time]

● Claim development discussion
  o Claims to be built around center-of mass in language areas, laterality measures and spatial extent of activation
  o The degree of measurement reproducibility will be the focus
  o Dr. Obuchowski to assist with Claims development
  o Dr. Reuss has made minor edits, inserting boilerplate language
  o Discussion on title of this Profile: v2.0 of fMRI Profile vs. v1.0 Language-Mapping Profile
  o Dr. Pillai encouraged to add information to “Open Issues” section

● Discussion on addressing thresholding issue

● Biomarker needs to be defined with the Claims

● Decision to be made on what to measure, verify whether it is measurable and determine how to measure it

● Laterality is a continuous variable; true laterality index to be measured with digital phantoms

Next calls:

● QIBA fMRI Bias TF call – Tuesday, August 1 at 1 PM CT
● QIBA fMRI Biomarker Committee call – Wednesday, August 9 at 11am CT

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