QIBA fMRI Biomarker Committee (BC) Call
Wednesday, June 19, 2019 at 11 AM CT
Call Summary

In attendance			**RSNA staff**
Feroze Mohamed, PhD (Co-chair)	Edward Jackson, PhD	Ho-Ling (Anthony) Liu, PhD	Joe Koudelik
Jay Pillai, MD (Co-chair)	Andrew Kalnin, MD	James Voyvodic, PhD	Julie Lisiecki

Moderator: Dr. Mohamed

Review of Previous Call Summary
- The 06.05.2019 call summary was approved as presented

QIBA 2019 Annual Meeting Updates
- Language-mapping papers were reviewed at the meeting
- Drs. Mohamed and Elsinger are finishing responding to comments from Profile 1.0 for motor-mapping
- https://docs.google.com/document/d/1QBn8l_wEH620LqShyW649Ejcx9qO3wq52u9iPc5mjJg/edit?usp=sharing
- Their goal is to return to the checklist and remove any redundant items; an offline call may be needed
    - Once completed, the Profile and checklist will be circulated for BC review
- Another round of public comment is not needed, as the comments are mostly clarifications
- Efforts to refocus on the Language Profile 2.0, as there is a greater public interest and need for language mapping

Next Steps for Profile v2.0 (language-mapping)
- A Profile Editor is needed in order to draft this Profile (using v1.0 as a template)
- Dr. Liu volunteered with the promise of support and guidance from the BC
- Any details specific to language mapping that are not included could be added
    - Details such as spatial extent of motor activation and a laterality claim could be added, as these were dropped from the Motor Profile 1.0
- A clear definition of language imaging should be added
- The center of mass claim details would likely remain the same
- The editor would primarily be responsible to keep track of section updates
- It was suggested to focus on localization first because repeatability of lateralization indices was found to be worse than repeatability of center of mass determination based on the Agarwal S, et. al 2018 HBM paper.
- Furthermore, the sentence completion task was identified as an important paradigm to focus on in light of the ASFNR white paper recommendations and collective data at the Johns Hopkins and Duke sites.
- Discussion of three of the four papers summarized by Dr. Soltysik in his PowerPoint slides was conducted.
- The Guissani (2010), Benjamin (2017) and Black (2017) papers were discussed in some detail.
- Dr. Voyvodic has useful data on the antonym generation task, but no data on word generation

Action items:
- Dr. Mohamed to send Dr. Liu the latest Profile document to get started, along with reference PowerPoint slides from Dr. Soltysik
- Review of the ASFNR paper was recommended to identify gaps in literature and devise ways to address them

Next call: QIBA fMRI Biomarker Cmte call – **Wednesday, July 17, 2019** at 11am CT - 1st & 3rd weeks of the month

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