

## QIBA fMRI Biomarker Committee (BC) Meeting

Wednesday, April 5, 2023, at 11 a.m. (CT)

### Draft Meeting Summary

#### In attendance

Feroze Mohamed, PhD (Co-chair)

Jay Pillai, MD (Co-chair)

Shruti Agarwal, PhD

Ichiro Ikuta, MD, MMSc

Andrew Kalnin, MD

Anthony Liu, PhD

James Voyvodic, PhD

Zhiyue Jerry Wang, PhD

#### RSNA staff

Susan Stanfa

#### Review of Previous Meeting Summary:

- The 03.15.2023 meeting summary was approved as presented

#### Topics Discussed:

- ROI Identification and Anatomical Registration Sections in Appendix
- Factors that may deter users from performing steps in the Profile
- White Paper based on standards outlined in the Profile
- Claims values

#### Next Steps / Action Items:

- Continued discussion on the ROI Identification section in the Appendix
  - Dr. Voyvodic updated his three-panel alignment figure to include a fourth panel showing the logic of the next step being activation maps, **to be sent to fMRI BC leaders** for review and inclusion in the Profile
  - Accompanying text to be drafted
- Concern regarding Profile adoption, including following steps for conducting cluster analysis, calculating the weighted center of mass of a language cluster, and calculating weighted laterality index
- Discussion on skepticism in the field regarding the reproducibility of laterality index due to its threshold dependency
  - Publishing a white paper describing standards based on Dr. Voyvodic's data and the Profile Claims, may encourage an earlier shift in practice standards vs. waiting until the Profile has been refined based on community feedback and published as Consensus (stage 2)
- Discussion on drafting a white paper to be continued during the next meeting on April 19
- Next steps following completion of the Profile:
  - Circulation for full BC internal review followed by a vote-to-release for Stage 1: Public Comment
  - MR CC vote-to-release will follow

**Next meeting:** Wednesday, April 19, 2023, at 11 a.m. CT (1<sup>st</sup> & 3<sup>rd</sup> weeks of each month)

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Participants are welcome to contact RSNA staff at [giba@rsna.org](mailto:giba@rsna.org) if their attendance is not reflected in meeting summaries.