QIBA Lung Density Biomarker Committee (BC) Call
January 31, 2018 at 2 PM CT
Call Summary

In attendance
Sean Fain, PhD (Co-Chair) Philipp Hoelzer, PhD Miranda Kirby, PhD Joe Koudelik
Andrew Buckler, MS Stephen Humphries, PhD Nancy Obuchowski, PhD Julie Lisiecki
Charles Hatt, PhD Philip Judy, PhD Márcio Sawamura, MD

RSNA

Comparative Study Update

• Eight participants have submitted data: four from academic centers and four from commercial entities
• RSNA Staff anticipates at least one more academic participant; data submissions are still welcome
• Dr. Kirby summarized the analysis plan which had been circulated for review
  o Bland-Altman analysis will be the primary analysis tool, with breakdowns for min, max, median bias, and variance
• Dr. Obuchowski requested adding a reproducibility coefficient and identifying additional metrics to help support the claim
• RSNA Staff to provide anonymized data received to-date to Dr. Kirby for analysis
• A report will be provided to the vendors to show their algorithm performance and how they compared to other (anonymized) participants
• Participant IDs will remain anonymized in all study reports

Reminders:

• Dr. Fain is looking for a volunteer to serve as co-editor of the Profile; if interested, please email: sfain@wisc.edu
• Mr. O’Donnell recommended that BC members begin compiling a list of experts and outside organizations that would be interested in reviewing the Profile once it is released for public comment: email addresses will be needed.

Next meeting:   Wednesday, February 14, 2018 at 2 pm CT