Prospective motion correction in Huntington's

(very)preliminary analysis of volumetric reproducibility
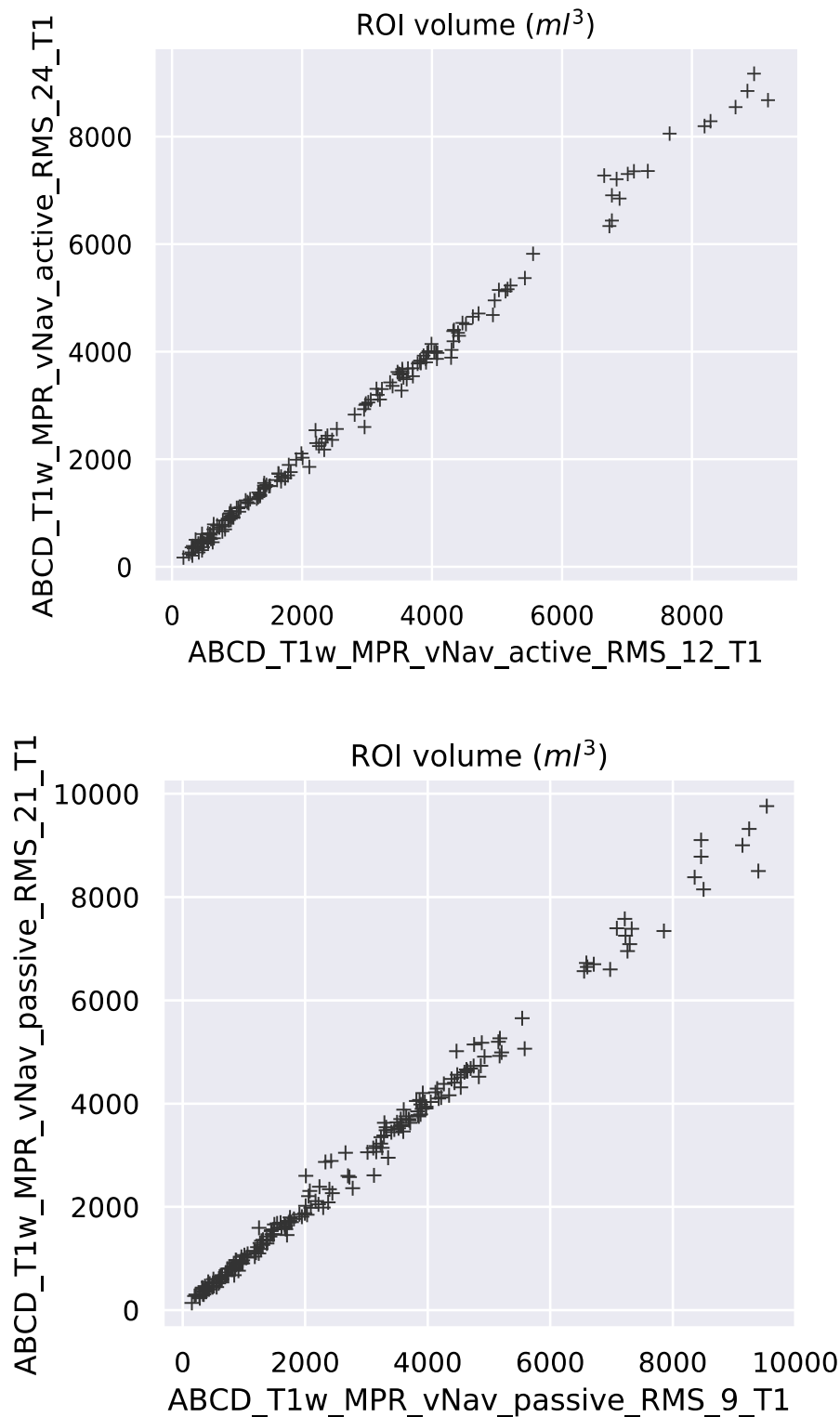Will Tackett
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Figure 1: Correlation of an ROI's volumetric measurement (in cubic millimeters) calculated from the first T1 acquisition with the measurement derived from the second acquisition in the session, within a given type of acquisition (active or passive). Each data point represents a pair of volume measurements of a given ROI for one subject.
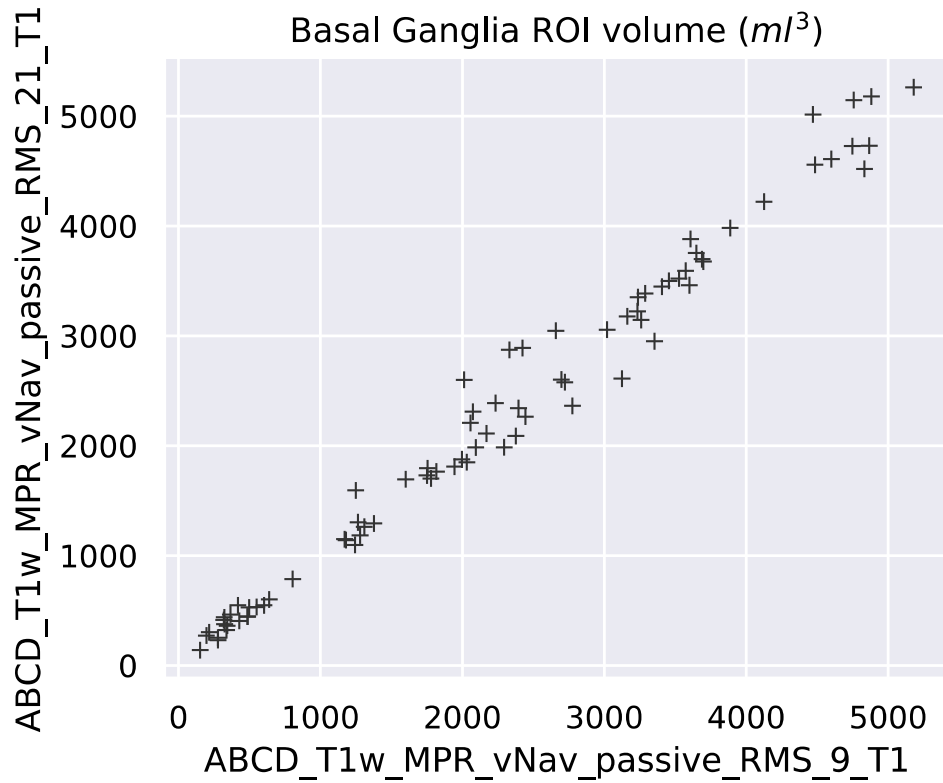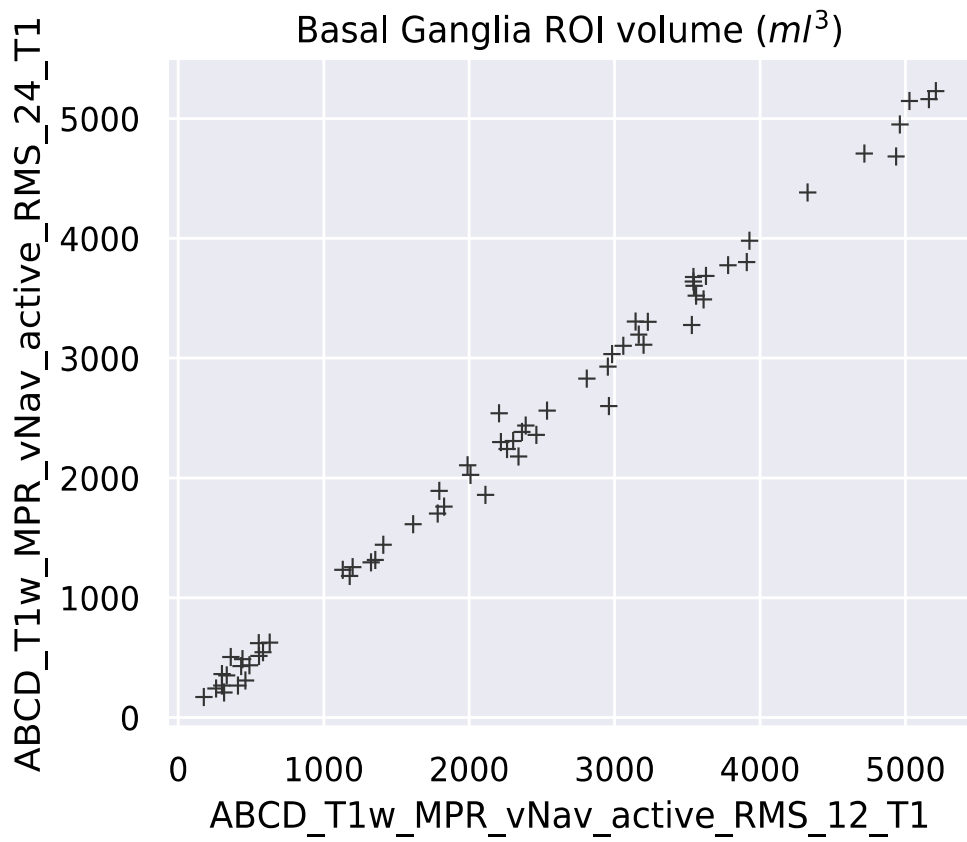
Figure 2: Correlation of an ROI's volumetric measurement (in cubic millimeters) calculated from the first T1 acquisition with the measurement derived from the second acquisition in the session, within a given type of acquisition (active or passive). Each data point represents a pair of volume measurements of a given ROI for one subject. Only Basal Ganglia ROIs are included.
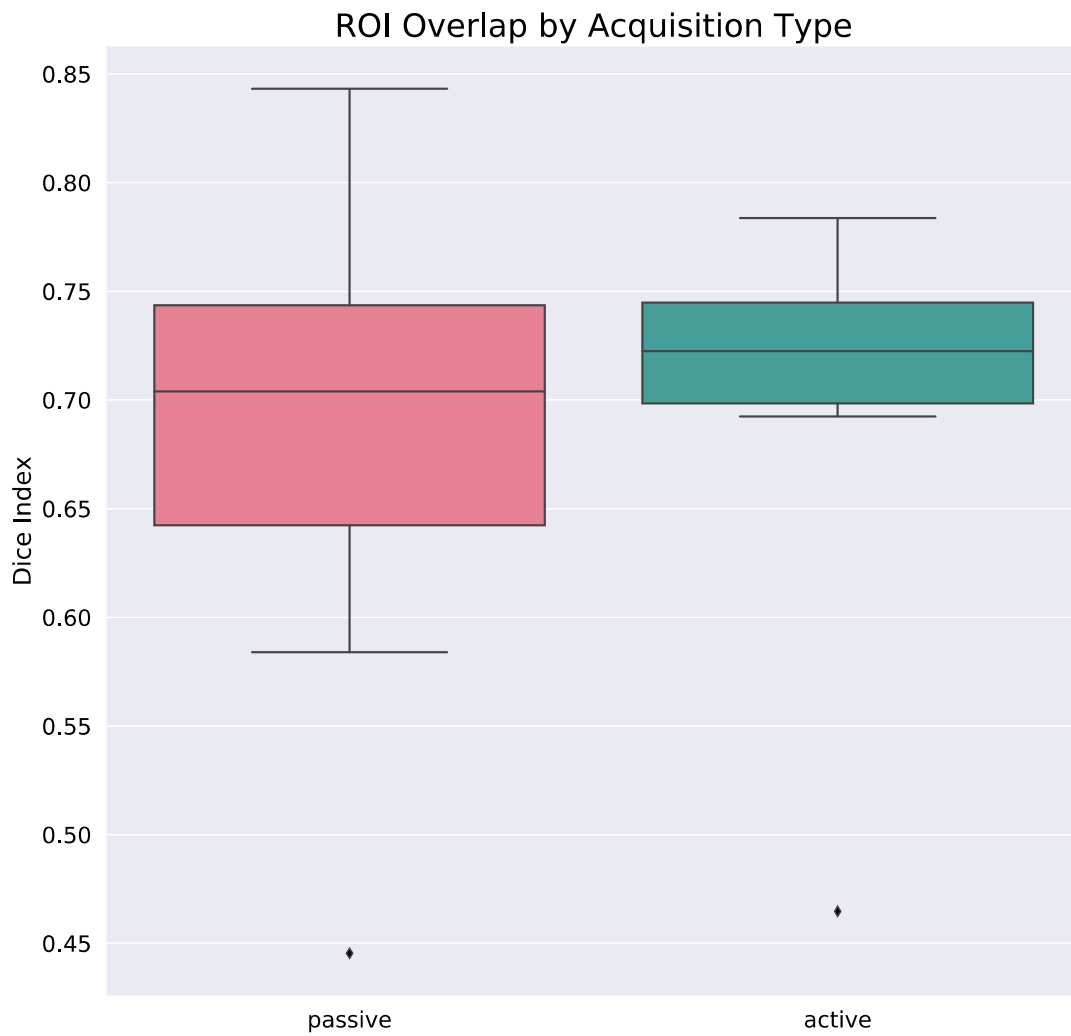
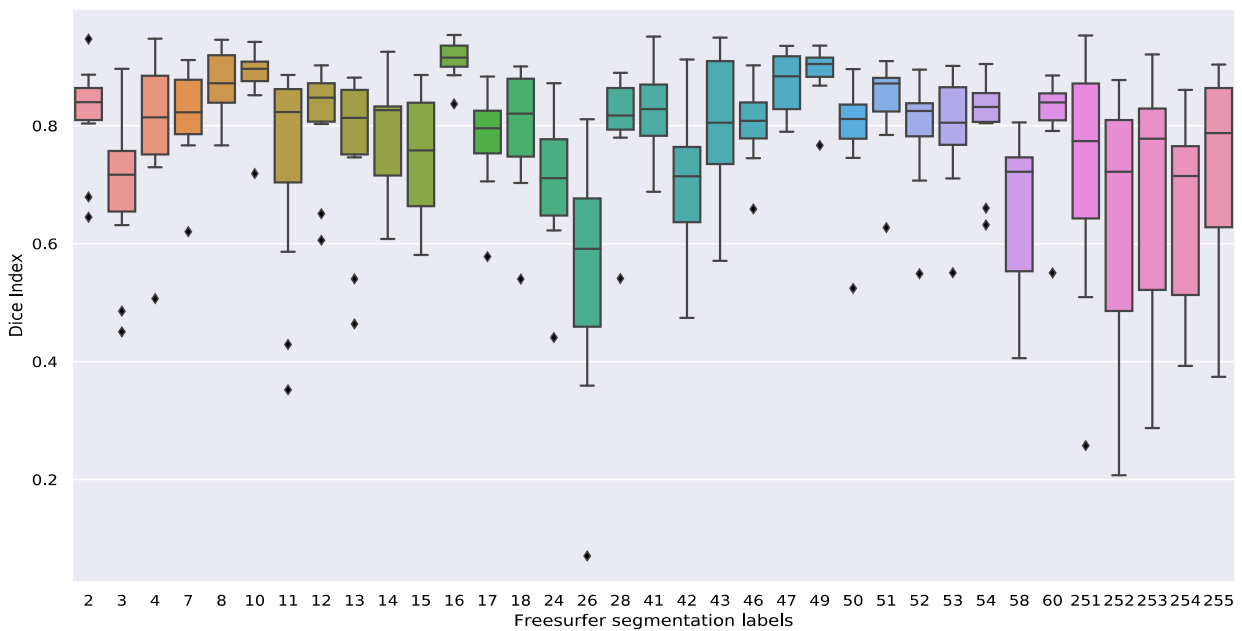*Figure 3: Dice Index for every Freesurfer ROI averaged per subject, compared across acquisition types.*

Figure 4: Dice Index of every ROI for every acquisition of every subject, broken down by ROI. 250 and above are corpus callosum ROIs. 26 and 58 are left and right accumbens, respectively.