

Figure S1 Image setups of labeling plane (green line) and imaging FOV (blue box) are shown in sagittal and coronal views (A). Specially, TOF scout is used for the localization for labeling plane. The regions of interest of targeted 4 arteries are shown on TOF scout image (B) and $B1^{\scriptscriptstyle +}$ map (C). FOV, field of view; TOF, time-of-flight.

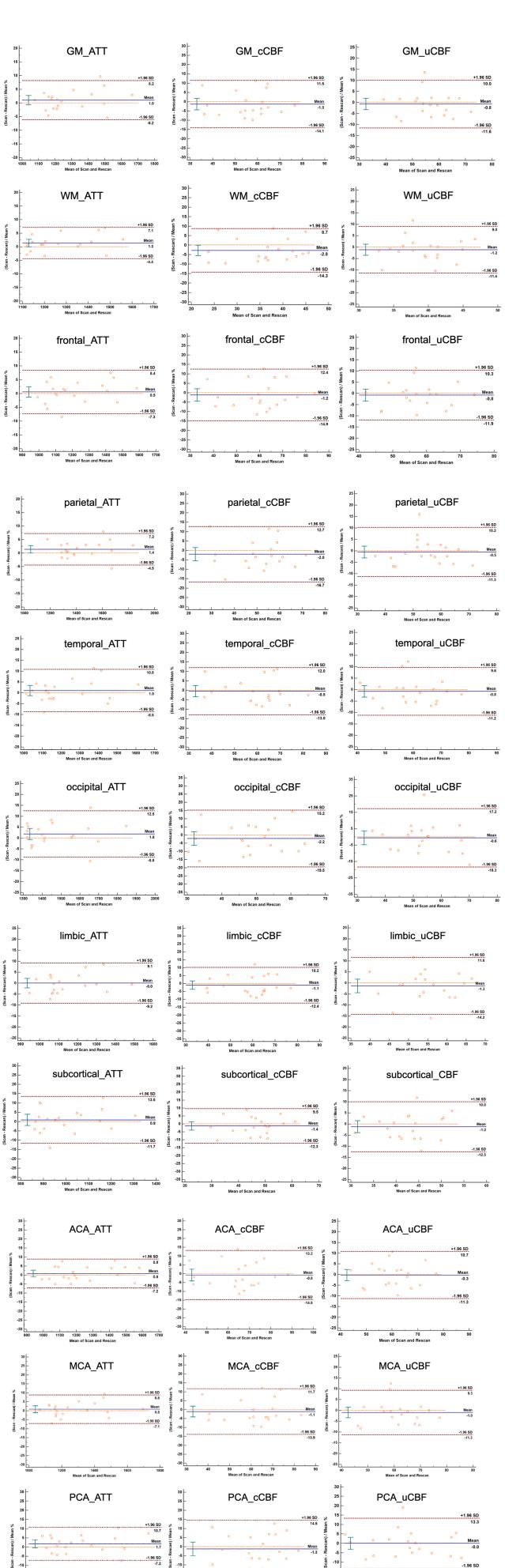


Figure S2 Bland-Altman plots of test-retest measurements in GM, WM and all regions of interests. ACA, anterior cerebral artery; MCA,

middle cerebral artery; PCA, posterior cerebral artery; GM, grey matter; WM, white matter.