Supplementary Information for

Portable, Bedside, Low-Field Magnetic Resonance Imaging for Evaluation of Intracerebral Hemorrhage

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Table S1. Lesion Localization on Portable MRI Compared to Conventional Imaging. To localize lesions between pMRI and conventional (CT or 1.5/3T MRI) examinations, the Euclidean distances between the centroids of the manually segmented hemorrhages and the centroids of each point ROI at the aforementioned anatomical locations were compared across modalities using Pearson correlations and Bland-Altman analyses.

Anatomical Location	pMRI Sequence	Pearson Correlation (95% CI)	*P* Value	Bland-Altman Bias (LOA)
Optic Chiasm	T2W	0.937 (0.879 to 0.9682)	<2.20e-16	-2.260 (-16.6 to 12.1)
Optic Chiasm	FLAIR	0.913 (0.837 to 0.954)	1.46e-15	-1.742 (-18.7 to 15.2)
Septum Pellucidum	T2W	0.874 (0.763 to 0.935)	6.88e-12	-3.294 (-23.1 to 16.5)
Septum Pellucidum	FLAIR	0.954 (0.912 to 0.976)	<2.20e-16	0.2676 (-9.95 to 10.5)
Right Edge	T2W	0.866 (0.749 to 0.931)	1.80e-11	1.066 (-23.5 to 25.7)
Right Edge	FLAIR	0.895 (0.805 to 0.944)	3.67e-14	1.195 (-21.3 to 23.7)
Left Edge	T2W	0.964 (0.929 to 0.982)	<2.20e-16	-0.3898 (-14.3 to 13.6)
Left Edge	FLAIR	0.969 (0.940 to 0.984)	<2.20e-16	-0.2708 (-13.4 to 12.9)

Abbreviations: pMRI, portable magnetic resonance imaging; T2W, T2-weighted; FLAIR, fluid-attenuated inversion recovery; LOA, limits of agreement.
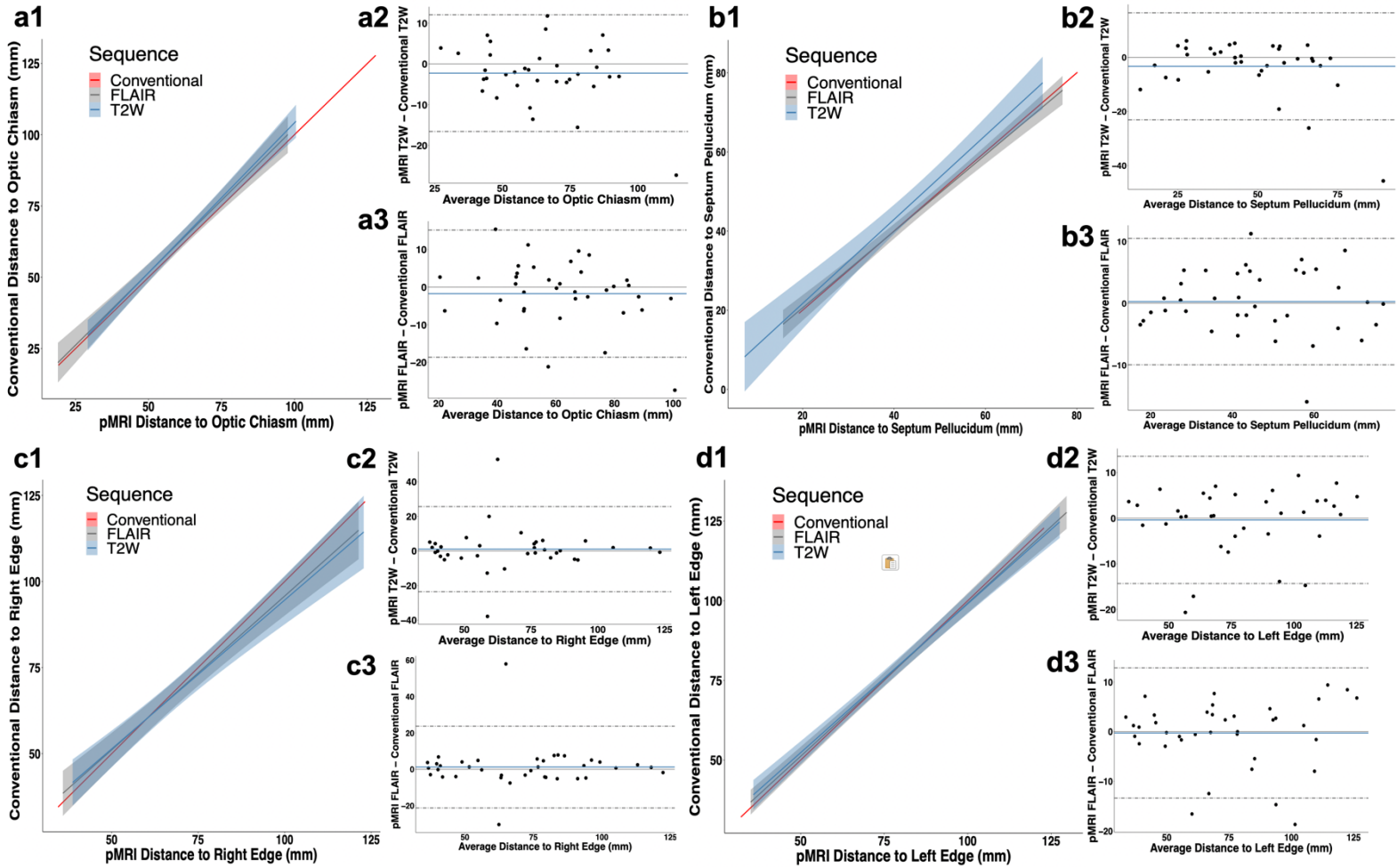
Figure S1. Lesion Localization on Portable MRI (pMRI) Compared to Conventional Imaging. To localize lesions across modalities, the Euclidean distances were computed between the centroids of the manually segmented hematomas and the centroids of point regions of interest (ROIs) at four anatomical locations. Euclidean distances on pMRI were correlated with those on conventional imaging for distances between the hematoma and the (a1-3) optic chiasm, (b1-3) septum pellucidum, (c1-3) anatomical right edge of the central sulcus at the topmost level of the lateral ventricles, and (d1-3) anatomical left edge of the central sulcus. Pearson correlations (a1, b1, c1, d1) and Bland-Altman (a2-3, b2-3, c2-3, d2-3) analyses are reported with confidence intervals. Line of identity is shown in red (a1-d1). 95% confidence intervals are represented by bands (a1, b1, c1, d1) and dashed gray lines (a2-3, b2-3, c2-3, d2-3).