

Supplemental Materials

Supplemental Table S1: The ratio of ipsilateral and contralateral T2-weighted signal intensities in the hippocampus, cortex, and external capsule from the severe edema, mild edema, and sham groups, at 3 and 24 hours after injury. Data are presented as group mean \pm inter-subject standard deviation. * $p < 0.05$ and ** $p < 0.01$ compared to the sham group by t-test.

Ipsilateral-to-contralateral ratio	Hippocampus		Cortex		External Capsule	
	3hrs	24hrs	3hrs	24hrs	3hrs	24hrs
Severe (n = 5)	1.17 \pm 0.12*	1.31 \pm 0.25*	1.27 \pm 0.39*	1.46 \pm 0.30*	0.91 \pm 0.09	1.04 \pm 0.28
Mild (n = 12)	1.04 \pm 0.05	0.96 \pm 0.06	1.02 \pm 0.07	1.11 \pm 0.10**	1.00 \pm 0.06	1.12 \pm 0.08**
Sham (n = 9)	1.01 \pm 0.05	0.99 \pm 0.06	1.01 \pm 0.08	1.00 \pm 0.06	1.01 \pm 0.05	0.99 \pm 0.06