

Supplementary Table 2: Global mean (MD), axial (AD) and radial (RD) diffusivity values measured with the single-fiber skeleton approach in acute or sub-acute mild traumatic brain injury (mTBI defined as GCS \geq 13, GCS \geq 13 and post traumatic amnesia (PTA) \leq 24 h, GCS \geq 13 and PTA > 24 h) vs controls. Age was used as covariate.

Study group	MD		AD		RD	
	$(\times 10^{-3} \text{ mm}^2/\text{s})$		$(\times 10^{-3} \text{ mm}^2/\text{s})$		$(\times 10^{-3} \text{ mm}^2/\text{s})$	
	mean \pm SD	F-value (P-value)	mean \pm SD	F-value (P-value)	mean \pm SD	F-value (P-value)
All mTBI (GCS \geq 13)	0.783 \pm 0.073	4.950	1.389 \pm 0.081	3.087	0.560 \pm 0.105	9.594
Controls	0.765 \pm 0.058	0.028	1.368 \pm 0.073	0.081	0.525 \pm 0.085	0.002
mTBI (GCS \geq 13 & PTA \leq 24 h)	0.775 \pm 0.073	3.748	1.383 \pm 0.083	2.264	0.546 \pm 0.103	7.626
Controls	0.765 \pm 0.058	0.056	1.368 \pm 0.073	0.135	0.525 \pm 0.085	0.007
mTBI (GCS \geq 13 & PTA > 24 h)	0.809 \pm 0.066	5.659	1.411 \pm 0.074	3.287	0.604 \pm 0.103	9.438
Controls	0.765 \pm 0.058	0.021	1.368 \pm 0.073	0.076	0.525 \pm 0.085	0.003