

Table S1 Analysis of FA values between groups

ROI	sTBI group		HC group	F	P value
	Craniectomy side	Non-craniectomy side			
Projection fiber area	0.50±0.14	0.54±0.07	0.51±0.07	2.39	0.09
Association fiber area	0.49±0.10	0.53±0.11	0.52±0.08	2.25	0.12

Data are presented as the mean ± standard deviation for the continuous variables. Group comparisons were assessed by ANOVA. FA, fractional anisotropy; ROI, regions of interest; sTBI, severe traumatic brain injury; HC, healthy controls; ANOVA, analysis of variance.

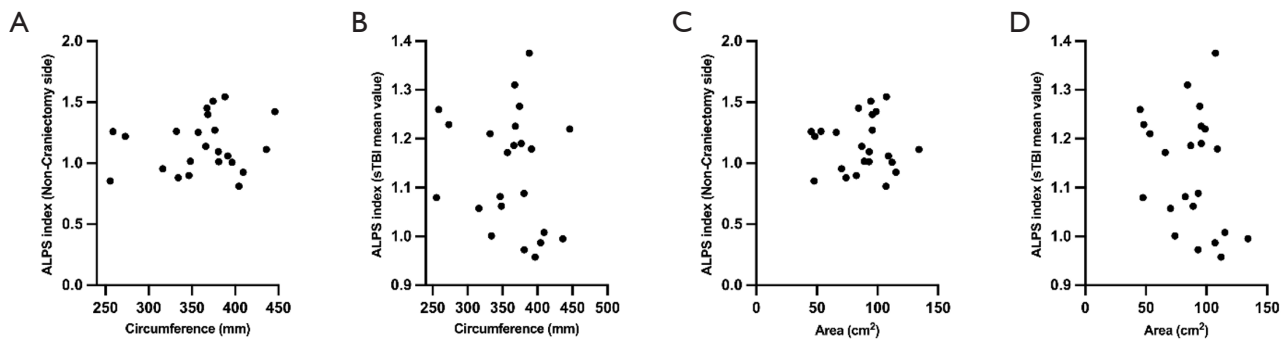


Figure S1 Correlation analysis. (A,B) The circumference of the cranial defect was not found to be correlated with the ALPS index value of the non-craniectomy side ($P=0.49$) or the mean value of both sides ($P=0.43$). (C,D) Similarly, the sectional area was not found to be correlated with the ALPS index value of the non-craniectomy side ($P=0.97$) or the mean value of both sides ($P=0.20$). ALPS, analysis along the perivascular space; sTBI, severe traumatic brain injury.