eTable 2. MRI shape analysis. Regions showing significant pathology in correlation with (A) time post injury, (B) clinical outcome measure (GOS-E$_{6m}$), (C) EEG spectra components, (D) covariates.

Structure	Hem	Variable	T	p	Vol (mm^3)
A. Atrophy over time					
Hippocampus	R		6.643592	0.0032	1275
Hippocampus	L		8.041862	0.0022	1050
Thalamus	R		8.299739	<0.001	1037
Thalamus	L		5.949765	0.002	1020
Caudate	L		5.040656	0.0014	513
Globus Pallidus	R		4.163669	0.014	341
Brain Stem			4.29643	0.0368	315
Caudate	R		4.409225	0.0116	290
Globus Pallidus	L		5.554589	0.0066	221
Cumulative atrophy					**6,062 (22.6%)**
B. Outcome (GOS-E$_{6m}$)					
Thalamus	L		7.737079	0.0232	712
Putamen	R		16.373245	0.01	368
Cumulative atrophy					**1,080 (4.0%)**
C. EEG Components					
Thalamus	L	EEG c1 (α)	5.789311	0.0108	652
Cumulative atrophy					**652 (2.4%)**
Thalamus	L	EEG c3 (δ var)	10.407843	0.0016	1394
Putamen	R	EEG c3 (δ var)	18.371922	0.0032	767
Putamen	L	EEG c3 (δ var)	7.609609	0.0154	480

Thalamus	R	EEG c3 (δ var)	7.53942	0.0158	189
Globus Pallidus	R	EEG c3 (δ var)	8.294379	0.0076	48
Cumulative atrophy					**2,878 (10.7%)**

D. Covariates

Caudate	L	COVAR c1- (age/sex)	4.577825	0.0254	521
Thalamus	R	COVAR c1+ (age/sex)	4.048131	0.0396	156
Cumulative atrophy					**677 (2.5%)**
Hippocampus	R	COVAR c2+ (exp vars)	5.911126	0.0492	5
Putamen	R	COVAR c2- (exp vars)	12.095305	<0.001	1422
Thalamus	L	COVAR c2- (exp vars)	4.552064	0.0226	1154
Putamen	L	COVAR c2- (exp vars)	5.314573	0.0182	873
Caudate	R	COVAR c2- (exp vars)	5.01421	0.0364	605
Caudate	L	COVAR c2- (exp vars)	3.739898	0.0316	504
Pallidum	R	COVAR c2- (exp vars)	4.331875	0.0252	346
Pallidum	L	COVAR c2- (exp vars)	4.926519	0.0342	282
Hippocampus	L	COVAR c2- (exp vars)	4.67309	0.0406	71
Cumulative atrophy					**5,262 (19.6%)**