

Structures	Comparison Groups			
	Mild uncomplicated vs Mild complicated TBI			
Neuroanatomic volumes diff	B	SE	p-value	R <sup>2</sup>
Total ICV	*	*	*	*
Total gray vol	2163	3568	.547	.116
Cortex volume	2768	3264	.400	.133
L Accumbens area	-2,65	17,00	.877	.141
R Accumbens area	4,18	14,07	.768	.205
L Amygdala	,109	30,62	.997	.061
R Amygdala	-8,91	41,85	.832	.082
Brain Stem	-63,73	76,60	.409	.110
L Caudate	15,37	34,47	.658	.124
R Caudate	-10,14	25,55	.693	.167
L Hippocampus	-16,44	28,65	.568	.151
R Hippocampus	62,93	27,85	.028	.206
L Putamen	-25,38	80,85	.755	.129
R Putamen	-5,72	66,44	.932	.237
Left Thalamus	-65,11	48,05	.181	.098
Right Thalamus	-71,20	38,37	.069	.128
CC-posterior	-4,50	5,79	.440	.078
CC-mid-posterior	-8,05	7,31	.276	.185
CC-central	-4,40	4,69	.353	.141
CC-mid-anterior	-4,64	4,18	.271	.139
CC-anterior	-5,50	6,83	.424	.068
L Pallidum	25,29	32,03	.433	.123
R Pallidum	45,27	31,77	.160	.132
L lateral Ventricle	191,63	206,36	.357	.159
R lateral Ventricle	17,29	186,62	.927	.188

Table 5: Neuroanatomic volumes: Groups comparison by multivariable linear regression analyses

Abbreviations:

Diff: difference between MRI at 12 month and MRI at baseline

L= left,

R = right,

CC = Corpus callosum

\*no difference between ICV at 12 month and at baseline

Multivariable linear regression, adjusted for total intracranial volume, sex, age, education, handedness and time between MRI scan I and II