



Correction

Correction: Decreased Resting Functional Connectivity after Traumatic Brain Injury in the Rat

The PLOS ONE Staff

Table 1 is missing boldface formatting due to errors in the typesetting process. The correct version of Table 1 can be viewed below.

In the Materials and Methods section under “Analysis of EEG Data,” the last line of the second paragraph incorrectly refers to FPBI. This should state “FPI” instead.

Figure 2 and Figure 3 incorrectly refer to the experimental data as “FPBI.” This should state “FPI.” The authors have provided corrected versions of Figure 2 and Figure 3 below.

Reference

1. Mishra AM, Bai X, Sanganahalli BG, Waxman SG, Shatillo O, et al. (2014) Decreased Resting Functional Connectivity after Traumatic Brain Injury in the Rat. PLoS ONE 9(4): e95280. doi:10.1371/journal.pone.0095280

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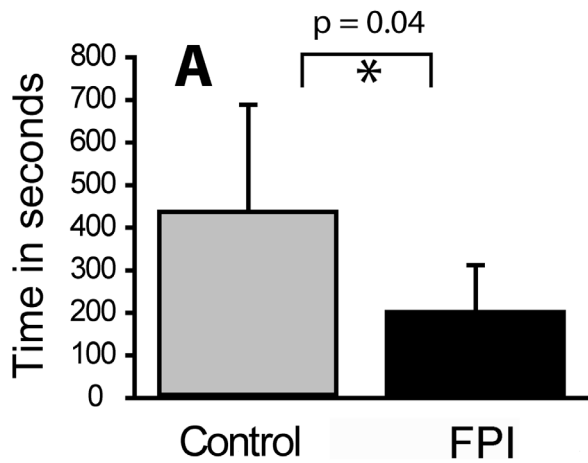
Table 1. Correlation coefficients of resting BOLD-fMRI signals and their significances from different brain regions in sham-operated rats (n = 6) and in rats with traumatic brain injury (TBI)(n = 7) and comparison between the two groups.

	Frontal Cx - L	HC - R	Parietal Cx - R	HC - R	Parietal Cx - R	Thalamus - R	Frontal Cx - L	HC - L	Parietal Cx - L	HC - L	Parietal Cx - L
Significance (p values) comparing correlation coefficients from different ROIs: sham-operated rats vs. rats with TBI	0.36	0.74	0.41	0.74	0.55	0.74	0.32	0.23	0.03	0.03	0.23
	0.99	0.11	0.03	0.11	0.16	0.88	0.03	0.03	0.03	0.03	0.03
	0.99	0.57	0.06	0.57	0.41	0.26	0.26	0.26	0.26	0.26	0.26
	0.50	0.68	0.16	0.68	0.32	0.32	0.32	0.32	0.32	0.32	0.32
	0.57	0.70	0.09	0.70	0.09	0.09	0.09	0.09	0.09	0.09	0.09
	0.30	0.17		0.17							
	0.55										
Correlation (r) values in different ROIs in sham-operated rats	0.024	0.076	-0.005	0.076	0.230	0.091	0.248	0.070	0.185	0.185	0.070
	0.111	0.135	0.187	0.135	0.160	0.034	0.160	0.185	0.185	0.185	0.070
	0.044	0.114	0.106	0.114	0.199	0.017	0.199	0.106	0.106	0.106	0.017
	0.163	0.045	0.076	0.045	0.058	0.058	0.058	0.076	0.076	0.076	0.058
	0.042	0.135	0.046	0.135				0.046	0.046	0.046	
	0.106	0.174		0.174							
	0.029										
Correlation (r) values in different ROIs in rats with TBI	0.119	0.050	0.074	0.050	0.186	0.123	0.192	-0.048	0.019	0.192	-0.048
	0.110	0.018	0.019	0.018	0.032	0.055	0.032	0.019	0.019	0.032	-0.08
	0.045	0.065	-0.033	0.065	0.160	0.122	0.160	-0.033	-0.033	0.160	0.122
	0.073	0.074	-0.024	0.074	0.149		0.149	-0.024	-0.024	0.149	
	0.098	0.101	-0.061	0.101				-0.061	-0.061		
	0.012	0.011		0.011							
	-0.036										

Abbreviations: Cx, cortex; L, left; R, right. Values in **boldface** were significantly different (p<0.05) in sham-operated and injured rats.
doi:10.1371/journal.pone.0095280.t001

Latency to the first seizure

(Mean +/- SD)



Number of IEDs per 60 min

(Mean +/-SD)

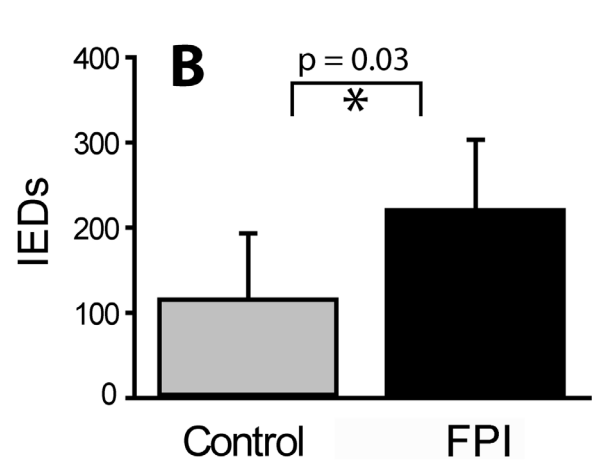


Figure 2. (A) Latency to the first interictal epileptiform discharge (IED) and (B) Number of IEDs in rats with lateral FPI or sham-operation. Note a decrease in latency to the 1st IED ($p = 0.03$) and an increase in IEDs ($p = 0.03$) in injured rats ($n = 7$) as compared to sham-operated animals ($n = 6$). Abbreviations: SD, standard deviation.
doi:10.1371/journal.pone.0095280.g002

FPI TBI rats

Sham Control rats

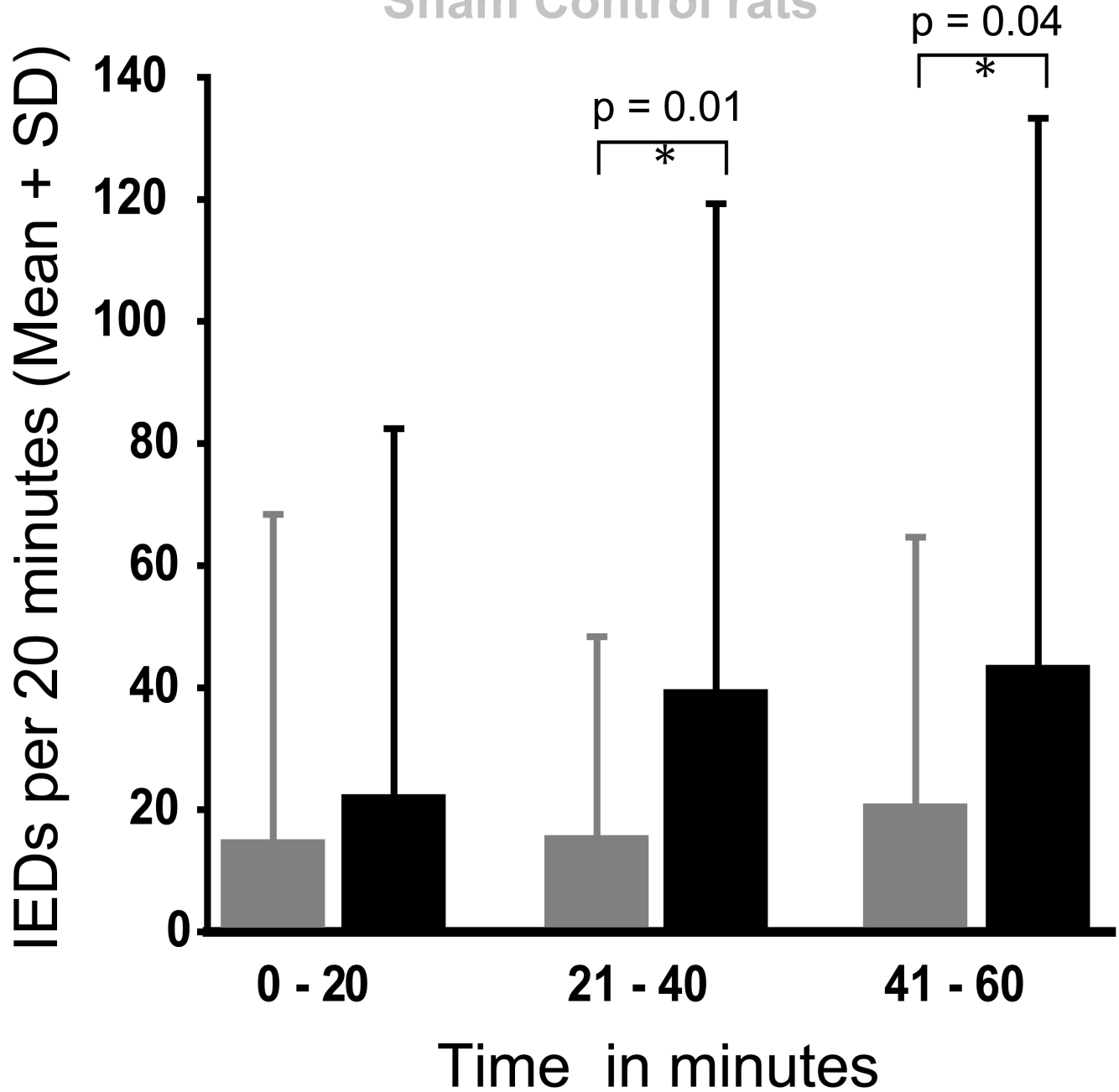


Figure 3. Evolution of interictal epileptiform discharges (IEDs) over time after administration of pentylentetrazol (25 mg/kg body weight) in rats with lateral FPI (n = 7) and sham-operated animals (n = 6). Abbreviations: SD, standard deviation.
doi:10.1371/journal.pone.0095280.g003