

**Supplementary table 1.** Statistical analysis of multiplex cytokine measurement in brain.

	IL1a	IL1b	IL2	IL5	IL6	IL9	IL10	IL12 (p40)	IL12 (p70)	IL13	IL17a	Eotaxin	G-CSF	GM-CSF	IFNg	KC	MCP-1	MIP-1a	MIP-1b	RANTES	TNFa
<b>6H</b>																					
Sham vs. Contra	ns	ns	ns	ns	ns	ns	ns	ns	ns	**	***	*	ns	ns	***	ns	ns	ns	ns	ns	ns
Sham vs. Ipsi	***	***	ns	ns	***	ns	***	ns	***	***	***	***	*	***	***	***	***	***	***	***	***
Contra vs. Ipsi	***	***	ns	*	***	ns	***	ns	***	ns	ns	ns	*	***	*	***	***	***	***	ns	ns
<b>1D</b>																					
Sham vs. Contra	*	*	ns	ns	*	ns	*	ns	ns	***	***	***	ns	ns	***	ns	ns	ns	ns	**	ns
Sham vs. Ipsi	**	***	*	ns	***	ns	**	ns	ns	***	***	***	***	ns	***	ns	**	ns	ns	***	ns
Contra vs. Ipsi	ns	ns	ns	ns	ns	*	ns	ns	ns	ns	*	ns	*	ns	ns	ns	ns	ns	ns	ns	ns
<b>3D</b>																					
Sham vs. Contra	ns	ns	*	ns	ns	***	ns	ns	ns	*	**	**	ns	**	ns	ns	ns	ns	ns	ns	ns
Sham vs. Ipsi	***	***	***	*	*	ns	***	ns	ns	***	***	***	**	**	ns	ns	ns	*	ns	***	ns
Contra vs. Ipsi	**	**	*	**	ns	ns	**	ns	ns	*	*	ns	ns	ns	ns	ns	ns	ns	ns	**	ns
<b>7D</b>																					
Sham vs. Contra	ns	ns	ns	ns	ns	***	ns	***	***	ns	ns	*	ns	***	*	ns	ns	ns	ns	ns	ns
Sham vs. Ipsi	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Contra vs. Ipsi	ns	ns	ns	ns	ns	**	ns	***	***	ns	ns	*	ns	**	ns	ns	ns	ns	ns	ns	ns
<b>14D</b>																					
Sham vs. Contra	ns	ns	ns	*	*	ns	ns	ns	ns	ns	ns	ns	ns	ns	*	ns	ns	ns	ns	ns	**
Sham vs. Ipsi	***	ns	ns	ns	ns	ns	ns	***	**	ns	ns	**	ns	ns	ns	***	ns	ns	ns	***	ns
Contra vs. Ipsi	*	*	**	ns	ns	**	ns	***	*	ns	ns	**	ns	ns	ns	***	ns	ns	ns	***	ns

One-way ANOVA followed by Holm-Sidak's post-hoc test for comparing the differences between sham operated mice , HI mice contralateral and ipsilateral hemispheres at each time point. n= 5 for sham group and n= 8 for HI groups. ns: not significant, \*p < 0.05, \*\*p < 0.01, \*\*\*p < 0.001.