

Antidepressant-Like Effects of Ethanol Extract of *Ziziphus jujuba* Mill Seeds in Mice

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Table S1. Levels of neurotransmitter amines, GABA, and choline in mouse hippocampus tissues after experiments administered by SZS (n = 7).

No	Comp	Amount (Mean ± SD, ng/mg of Hippocampus Tissue)					Normalized Values				p-Values by Mann-Whitney Test		
		C	N	P	E100	E300	N	P	E100	E300	P	E100	E300
1	NE	0.16 ± 0.0021	0.13 ± 0.019	0.20 ± 0.029	0.22 ± 0.054	0.21 ± 0.021	0.82	1.24	1.32	1.40	0.003	0.003	0.002
2	EP	1.84 ± 0.25	1.55 ± 0.28	2.02 ± 0.46	1.73 ± 0.25	2.09 ± 0.45	0.84	1.09	0.94	1.13	0.035	0.225	0.025
3	5-HT	0.12 ± 0.0035	0.15 ± 0.053	0.22 ± 0.074	0.23 ± 0.051	0.19 ± 0.077	1.26	1.90	1.63	1.93	0.110	0.018	0.224
4	GABA	542.5 ± 94.7	425.2 ± 62.8	576.4 ± 95.0	538.4 ± 69.6	628.5 ± 107.5	0.78	1.06	0.99	1.16	0.009	0.018	0.004
5	Choline	178.6 ± 27.9	163.5 ± 46.7	227.6 ± 53.1	207.0 ± 26.3	232.6 ± 27.7	0.92	1.27	1.16	1.30	0.064	0.110	0.009

C, control; N, negative control; P, positive control; E100, SZS (100 mg/kg); E300, SZS (300 mg/kg).