

Table S3. Comparison of patients receiving no psychotropic medication with patients who receive psychotropic medications.

	Without medication	SSRIs/SNRIs + other psychotropic medication	Other psychotropic medication, without SSRIs/SNRIs	Only SSRIs/SNRIs	Only other AD*	Only antipsychotics	SSRIs/SNRIs + other AD*	SSRIs/SNRIs + antipsychotics	SSRIs/SNRIs + other AD + antipsychotics
Serum serotonin (ng/ml) (n)	585.49 ± 501.28 (10)	135.20 ± 241.27 (56)	345.32 ± 318.10 (22)	111.10 ± 187.19 (20)	384.44 ± 348.19 (6)	362.14 ± 371.64 (8)	127.58 ± 264.69 (9)	195.88 ± 336.64 (18)	221.08 ± 262.82 (13)
t-test		<i>t</i> (64)=4.49, <i>p</i> <.001***	<i>t</i> (30)= 1.65 <i>p</i> =.110	<i>t</i> (10.26)=2.89, <i>p</i> =.016*	<i>t</i> (14)=.860, <i>p</i> =.404	<i>t</i> (16)=1.52, <i>p</i> =.148	<i>t</i> (17)=2.45, <i>p</i> =.026	<i>t</i> (25)=2.42, <i>p</i> =.023*	<i>t</i> (21)=2.26, <i>p</i> =.035*
Platelet serotonin (10 ⁹ /Thr) (n)	655.61 ± 369.36 (7)	1123.48 ± 1081.41 (53)	962.65 ± 609.75 (20)	952.54 ± 828.73 (20)	857.98 ± 549.82 (5)	991.23 ± 671.07 (8)	1554.04 ± 1384.0 (9)	1044.91 ± 1014.88 (18)	1441.88 ± 1214.14 (12)
t-test		<i>t</i> (57)=1.05 <i>p</i> =.300	<i>t</i> (24)=1.16 <i>p</i> =.257	<i>t</i> (24)=.845 <i>p</i> =.407	<i>t</i> (9)=-.729, <i>p</i> =.485	<i>t</i> (13)=1.03, <i>p</i> =.323	<i>t</i> (12)=1.53, <i>p</i> =.151	<i>t</i> (20)=.905, <i>p</i> =.376	<i>t</i> (16)=1.53, <i>p</i> =.145
HAMD-21 (n)	16.00 ± 5.72 (10)	18.53 ± 5.12 (57)	19.82 ± 5.00 (22)	18.10 ± 5.17 (20)	20.00 ± 2.00 (6)	15.75 ± 5.80 (8)	17.00 ± 5.431 (9)	18.61 ± 6.06 (18)	21.54 ± 3.89 (13)
t-test		<i>t</i> (65)=1.41 <i>p</i> =.162	<i>t</i> (30)=1.92 <i>p</i> =.064	<i>t</i> (28)=.101, <i>p</i> =.320	<i>t</i> (14)=1.64, <i>p</i> =.124	<i>t</i> (16)=.665, <i>p</i> =.515	<i>t</i> (17)=.390, <i>p</i> =.702	<i>t</i> (26)=1.11, <i>p</i> =.275	<i>t</i> (21)=2.77, <i>p</i> =.012*
BDI-II (n)	31.40 ± 11.38 (10)	33.07 ± 10.72 (57)	34.55 ± 9.65 (22)	29.05 ± 11.18 (20)	31.83 ± 7.55 (6)	33.00 ± 9.75 (8)	33.11 ± 11.76 (9)	36.72 ± 10.36 (18)	35.31 ± 8.18 (13)
t-test		<i>t</i> (65)=.451 <i>p</i> =.654	<i>t</i> (30)=.808 <i>p</i> =.425	<i>t</i> (28)=.540, <i>p</i> =.594	<i>t</i> (14)=.082, <i>p</i> =.935	<i>t</i> (16)=.020, <i>p</i> =.984	<i>t</i> (17)=.322, <i>p</i> =.751	<i>t</i> (26)=1.24, <i>p</i> =.227	<i>t</i> (21)=.659, <i>p</i> =.348
STAI-X1 (n)	53.90 ± 14.10 (10)	55.47 ± 11.38 (57)	55.73 ± 14.36 (22)	51.80 ± 10.19 (20)	53.50 ± 14.54 (6)	55.50 ± 17.07 (8)	55.56 ± 9.07 (9)	56.94 ± 13.63 (18)	54.46 ± 13.94 (13)
t-test		<i>t</i> (65)= -.389 <i>p</i> =.698	<i>t</i> (30)=.335 <i>p</i> =.740	<i>t</i> (28)=.468, <i>p</i> =.643	<i>t</i> (14)=.054, <i>p</i> =.957	<i>t</i> (16)=.271, <i>p</i> =.790	<i>t</i> (17)=.300, <i>p</i> =.768	<i>t</i> (26)=5.60, <i>p</i> =.581	<i>t</i> (21)=.095, <i>p</i> =.925
STAI-X2 (n)	57.80 ± 13.06 (10)	60.93 ± 8.25 (57)	60.68 ± 09.78 (22)	59.25 ± 7.52 (20)	54.83 ± 10.80 (6)	63.13 ± 11.09 (8)	63.11 ± 4.73 (9)	61.39 ± 10.262 (18)	13.06 ± 9.45 (13)
t-test		<i>t</i> (65)=1.01 <i>p</i> =.318	<i>t</i> (30)=.739 <i>p</i> =.466	<i>t</i> (28)=.388, <i>p</i> =.701	<i>t</i> (14)=.467, <i>p</i> =.648	<i>t</i> (16)=.785, <i>p</i> =.444	<i>t</i> (17)=1.15, <i>p</i> =.266	<i>t</i> (26)=.805, <i>p</i> =.428	<i>t</i> (21)=.404, <i>p</i> =.690
Cortical LDAEP (n)	0.291 ± 0.160 (9)	0.242 ± 0.180 (53)	0.289 ± 0.215 (19)	0.289 ± 0.195 (17)	0.380 ± 0.299 (6)	0.290 ± 0.174 (7)	0.147 ± 0.115 (7)	0.281 ± 0.211 (15)	0.237 ± 0.150 (11)
t-test		<i>t</i> (55)=.589 <i>p</i> =.559	<i>t</i> (26)=.040 <i>p</i> =.969	<i>t</i> (24)=.030, <i>p</i> =.976	<i>t</i> (13)=-.754, <i>p</i> =.464	<i>t</i> (14)=.300, <i>p</i> =.768	<i>t</i> (14)=1.99, <i>p</i> =.067	<i>t</i> (22)=.128, <i>p</i> =.900	<i>t</i> (18)=.755, <i>p</i> =.448
Source LDAEP (left) (n)	0.280± 0.173 (9)	0.204 ± 0.220 (53)	0.229 ± 0.283 (19)	0.216 ± 0.212 (17)	0.398 ± 0.461 (6)	0.141 ± 0.099 (7)	0.257 ± 0.343 (7)	0.248 ± 0.198 (15)	0.114 ± 0.135 (11)
t-test		<i>t</i> (55)=.852 <i>p</i> =.398	<i>t</i> (26)=.496 <i>p</i> =.624	<i>t</i> (24)=.779, <i>p</i> =.444	<i>t</i> (13)=.710, <i>p</i> =.490	<i>t</i> (14)=1.07, <i>p</i> =.303	<i>t</i> (14)=1.75, <i>p</i> =.864	<i>t</i> (22)=.460, <i>p</i> =.650	<i>t</i> (15)=2.36, <i>p</i> =.032*
Source LDAEP (right) (n)	0.176 ± 0.080 (9)	0.200 ± 0.247 (53)	0.148 ± 0.230 (19)	0.141 ± 0.146 (17)	0.248 ± 0.381 (6)	0.074 ± 0.073 (7)	0.124 ± 0.093 (7)	0.205 ± 0.159 (15)	0.211 ± 0.342 (11)
t-test		<i>t</i> (55)=.367 <i>p</i> =.715	<i>t</i> (26)=.388 <i>p</i> =.701	<i>t</i> (24)=.094, <i>p</i> =.924	<i>t</i> (13)=.565, <i>p</i> =.582	<i>t</i> (14)=1.88, <i>p</i> =.081	<i>t</i> (14)=1.19, <i>p</i> =.255	<i>t</i> (22)=.510, <i>p</i> =.615	<i>t</i> (18)=.302, <i>p</i> =.766

*other antidepressants (AD) = tetracyclic and tricyclic antidepressants. * *p* < .05, ** *p* < .01, *** *p* < .001.