

Supplementary Table 1. Comparison of ziprasidone plasma concentration and dosage within intra-ethnic groups at week 1, week 2, week 4 and week 6 after ziprasidone treatment

Items	T1 Mean (SD)	T2 Mean (SD)	T4 Mean (SD)	T6 Mean (SD)	F/p	Post Hoc					
						T1 vs T2	T1 vs T4	T1 vs T6	T2 vs T4	T2 vs T6	T4 vs T6
						P	P	P	P	P	P
Han Chinese											
Zip CPs (ng/mL)	65.81 (15.04)	82.45 (14.33)	99.47 (22.77)	104.60 (24.11)	46.08/0.000	0.000	0.000	0.000	0.000	0.000	0.059
Zip CPs/dose (ng/mL)/mg	0.80 (0.21)	0.73 (0.17)	0.80 (0.18)	0.76 (0.16)	1.325/0.268	0.100	0.991	0.318	0.098	0.517	0.312
Dose (mg/d)	84.17 (10.88)	113.75 (14.96)	126.25 (14.95)	138.75 (18.18)	146.78/0.000	0.000	0.000	0.000	0.001	0.000	0.002
Responder/non-res	5/43	20/28	36/12	40/8	64.40/0.000	0.000	0.000	0.000	0.002	0.000	0.452
Mongolian											
Zip CPs (ng/mL)	61.83 (12.18)	78.39 (14.65)	91.84 (16.31)	96.29 (17.29)	41.94/0.000	0.000	0.000	0.000	0.000	0.0000	0.250
Zip CPs (ng/mL)/mg	0.71 (0.17)	0.64 (0.13)	0.63 (0.12)	0.64 (0.12)	3.551/0.016	0.014	0.005	0.010	0.711	0.887	0.819
Dose (mg/d)	88.10 (11.74)	123.33 (8.74)	147.14 (11.54)	152.38 (11.65)	261.56/0.000	0.000	0.000	0.000	0.003	0.000	0.221
Responder/non-res	5/37	16/26	30/12	32/10	45.98/0.000	0.000	0.000	0.000	0.004	0.000	0.804

SD: standard deviation, Zip CPs: ziprasidone plasma concentration, T1: week 1, T2: week 2, T4: week 4, T6: week 6