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Supplementary Material

Article Title: CACNA1C Genomewide Supported Psychosis Genetic Variation Affects Cortical Brain White Matter Integrity in Chinese Patients With Schizophrenia

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Supplementary eTable 1. Demographic and Clinical Features of Patients with Schizophrenia, divided by types of medication

Antipsychotic types		Typical (n = 41)		Atypical (n = 45)		Combined (n = 10)		Statistical analysis	
		Mean	SD	Mean	SD	Mean	SD	F	p
Age		36.37	8.09	31.49	9.27	35.9	12.73	3.250	0.043*
Years of education		11.51	2.38	11.49	2.57	11	1.89	0.190	0.830
Age at onset		27.05	6.57	25.36	8.59	27	10.56	0.517	0.590
Duration of illness		9.24	8.59	5.80	5.98	8.60	10.53	2.240	0.112
Duration of untreated psychosis		1.67	3.34	1.62	2.01	1.10	1.07	0.203	0.820
Antipsychotic dose (CPZ)		249.50	206.04	215.11	211.72	280	196.07	0.536	0.587
PANSS total score		42.80	12.26	40.16	7.30	38.60	4.69	1.204	0.305
PANSS positive subscale score		11.10	4.30	11.02	4.06	10	2.46	0.061	0.941
PANSS negative subscale score		10.22	4.42	9.11	2.88	8.50	2.95	1.443	0.241
PANSS general psychopathology subscale score		21.49	5.70	10.02	2.71	19.50	4.25	1.671	0.194
		%		%		%		X ²	p
Gender	Males	82.9		71.1		70		1.868	0.393
	Females	17.1		28.9		30			
Handedness	Left	4.9		11.1		30		5.481	0.065
	Right	95.1		88.9		70			
Genotype	A-carriers	7.5		4.4		0		1.017	0.601
	GG	92.5		95.6		100			
Marital	Single	82.9		91.1		90		1.719	0.787
	Married	14.6		6.7		10			
	Divorced	2.4		2.2		0			

Abbreviations: SD, standard deviation; CPZ, chlorpromazine equivalence; PANSS, Positive and Negative Syndrome Scale

* p < .05

Supplementary eTable 2. Differences in Demographic and Clinical Features between Genotypes within Subjects

	Controls (n = 64)				SCZ Patients (n = 96)				ANCOVA ^a					
	A carriers		GG		A carriers		GG		(adjusted)					
	(n = 7)		(n = 57)		(n = 5)		(n = 91)		Diagnosis effect		Genotype effect		Interaction	
	Mean	SD	Mean	SD	Mean	SD	Mean	SD	<i>F</i>	<i>p</i>	<i>F</i>	<i>p</i>	<i>F</i>	<i>p</i>
Age, mean (s.d.), y	39.71	12.776	30.74	9.83 2	38.20	7.3621	33.68	9.466	0.019	0.891	5.129	0.025	0.130	0.719
Education, mean (s.d.), y	13.14	2.854	13.98	1.92 3	12.60	2.510	11.34	2.391	4.240	0.041	0.331	0.566	2.239	0.137
									Statistics			P-value		
Age at onset, mean (s.d.), y					23.00	4.416	26.31	8.035	t = -0.911			.365		
Antipsychotic dose, Mean daily CPZ mg/d					240.00	151.658	231.98	210.706	t = 0.084			0.933		

PANSS total score	41.30	15.1921	41.47	9.470	t = 0.030	0.976
PANSS positive subscale score	11.20	4.604	11.14	4.156	t = 0.029	0.977
PANSS negative subscale score	9.60	4.775	9.69	3.680	t = -0.052	0.959
PANSS general psychopathology subscale score	20.80	6.419	20.63	4.161	t = 0.085	0.933

Abbreviations: SCZ, patients with schizophrenia; s.d., standard deviation; y, years; PANSS, Positive and Negative Syndrome Scale.