

Supplementary Table 2. Result of association test of seasonality of BD with imputed SNPs in AANAT

SNP	Additive			
	OR	CI	p	Corr_p
rs117849139	5.639	2.187-14.54	0.000345	0.008634
rs7209978	0.9629	0.549-1.689	0.8952	1
rs495055	0.6739	0.3445-1.318	0.249	1
rs493035	0.6739	0.3445-1.318	0.249	1
rs679396	0.4779	0.1249-1.829	0.2808	1
rs12601703	0.9629	0.549-1.689	0.8952	1
rs201449534	0.6739	0.3445-1.318	0.249	1
rs201664546	0.6739	0.3445-1.318	0.249	1
rs12453375	1.256	0.9054-1.744	0.1721	1
rs16968960	1.242	0.8941-1.726	0.196	1
rs143636767	0.9583	0.5464-1.681	0.8819	1
rs9896887	1.242	0.8941-1.726	0.196	1
rs11657501	1.242	0.8944-1.726	0.1955	1
rs619907	0.6739	0.3445-1.318	0.249	1
rs28709924	0.6739	0.3445-1.318	0.249	1
rs116879618	4.918	2.001-12.09	0.000517	0.01292
rs77537806	2.331	0.7721-7.035	0.1333	1
rs7210520	1.232	0.886-1.713	0.2148	1
rs28615986	0.6901	0.352-1.353	0.2803	1
rs4789299	1.25	0.8975-1.741	0.1867	1
rs77121614	5.282	2.037-13.7	0.000619	0.01547
rs28936679	6.411	2.306-17.83	0.00037	0.009236
rs61742551	2.588	1.37-4.887	0.003377	0.08443
rs58228745	2.568	1.377-4.788	0.003017	0.07542
rs3744044	2.819	0.7357-10.8	0.1305	1

BD: bipolar disorder, SNP: single nucleotide polymorphism, OR: odds ratio, CI: confidence interval, Corr_p: corrected p-value