

Supplementary Table SII Relationship of *FMR1* genotype with early menopause in matched cases and controls (n = 3118).

Model	Variables included	OR	95% LCL	95% UCL	SE	P	
Allele 1 and Allele 2 (cont.)	Allele 1 (cont.)	1.012	0.996	1.029	0.009	0.143	
	Allele 2 (cont.)	1.000	0.984	1.017	0.008	0.977	
Allele 1, Allele 2 and interaction (cont.)	Allele 1 (cont.)	1.017	0.927	1.115	0.048	0.726	
	Allele 2 (cont.)	1.004	0.930	1.083	0.039	0.926	
	Allele 1 × Allele 2 (interaction)	1.000	0.997	1.003	0.001	0.929	
Genotype, categorical nominal	1. low/low	0.695	0.502	0.961	0.115	0.028	
	2. low/medium	0.915	0.778	1.075	0.075	0.279	
	3. low/high	0.953	0.651	1.395	0.185	0.804	
	4. medium/ medium (ref.)	ref.	ref.	ref.	ref.	ref.	
	5. medium/high	0.861	0.677	1.095	0.105	0.222	
	6. high/high	2.292	0.947	5.545	1.033	0.066	
Genotype, categorical ordinal (order 1)	(1) low/low, (2) low/medium, (3) low/high, (4) medium/medium (ref.), (5) medium/high, (6) high/high	1.049	0.990	1.112	0.031	0.104	
	Genotype, categorical ordinal (order 2)	(1) low/low, (2) low/medium, (3) medium/medium (ref.), (4) low/high, (5) medium/high, (6) high/high	1.042	0.973	1.115	0.036	0.239

The value in bold is significant at $P < 0.05$.