

Table SI. Risk of T2238C: Pooled results of different outcomes in six models.

Outcome	Allele model (C vs. T)	Homozygote model (CC vs. TT)	Heterozygote model (CT vs. TT)	Dominant model (CC+CT) vs. TT	Recessive model CC vs. (CT+TT)	Over-dominant model CT vs. (TT+CT)
Composite CVE						
No. of studies	9	9	9	12	9	9
Pooled OR	0.64	1.34	0.86	1.23	1.4	0.99
OR 95%CI	0.19-2.11	0.84-2.14	0.71-1.05	0.75-2.02	0.96-2.04	0.94-1.03
P-value of OR	0.464	0.213	0.146	0.401	0.081	0.521
Heterogeneity I^2	100%	68%	64%	96%	64%	0%
Atrial fibrillation						
No. of studies	2	2	2	3	2	2
Pooled OR	0.25	1.18	0.99	1.95	1.21	1
OR 95%CI	0.01-4.21	0.35-3.99	0.66-1.49	0.51-7.5	0.37-3.99	0.69-1.44
P-value of OR	0.336	0.792	0.967	0.33	0.753	0.999
Heterogeneity I^2	99%	0%	0%	95%	0%	0%
Cerebrovascular event						
No. of studies	2	2	2	3	2	2
Pooled OR	0.05	2.14	1.07	1.14	2.13	1.05
OR 95%CI	0-17.67	0.66-6.91	0.97-1.19	1.04-1.25	0.63-7.18	0.95-1.15
P-value of OR	0.312	0.205	0.18	0.005	0.223	0.356
Heterogeneity I^2	100%	81%	0%	0%	83%	0%
Coronary heart disease						

No. of studies	4	4	4	6	4	4
Pooled OR	0.67	1.19	1	1.79	1.19	1
OR 95%CI	0.03-13.63	0.74-1.94	0.93-1.08	0.75-4.28	0.74-1.93	0.94-1.07
P-value of OR	0.795	0.472	0.96	0.191	0.476	0.935
Heterogeneity I^2	100%	80%	53%	98%	82%	0%
Death						
No. of studies	2	1	1	2	1	1
Pooled OR	0.86	NA	NA	3.63	NA	NA
OR 95%CI	0.00-909.79	NA	NA	0.25-37.32	NA	NA
P-value of OR	0.967	NA	NA	0.278	NA	NA
Heterogeneity I^2	99%	NA	NA	99%	NA	NA
Myocardial infarction						
No. of studies	2	1	1	3	1	1
Pooled OR	2.55	NA	NA	1.36	NA	NA
OR 95%CI	1.47-4.43	NA	NA	0.29-6.3	NA	NA
P-value of OR	<0.001	NA	NA	0.697	NA	NA
Heterogeneity I^2	63%	NA	NA	97%	NA	NA

CVE, cerebro-cardiovascular events; OR, odds ratio; NA, not applicable.

Table SII. Risk of T2238C: Pooled results of different outcomes in six models for the studies fulfilling the Hardy-Weinberg equilibrium.

Outcome	Allele model (C vs. T)	Homozygote model (CC vs. TT)	Heterozygote model (CT vs. TT)	Dominant model (CC+CT) vs. TT	Recessive model CC vs. (CT+TT)	Over-dominant model CT vs. (TT+CT)
Composite CVE						
No. of studies	4	4	4	5	4	4
Pooled OR	0.76	2.39	1.04	1.07	2.41	1.03
OR 95%CI	0.1-6.11	1.4-4.1	0.86-1.26	0.9-1.27	1.41-4.13	0.85-1.24
P-value of OR	0.8	0.002	0.91	0.68	0.002	0.748
Heterogeneity I^2	99%	0%	28%	21%	0%	0%
Atrial fibrillation						
No. of studies	1	1	1	1	1	1
Pooled OR	NA	NA	NA	NA	NA	NA
OR 95%CI	NA	NA	NA	NA	NA	NA
P-value of OR	NA	NA	NA	NA	NA	NA
Heterogeneity I^2	NA	NA	NA	NA	NA	NA
Cerebrovascular event						
No. of studies	1	1	1	1	1	1
Pooled OR	NA	NA	NA	NA	NA	NA
OR 95%CI	NA	NA	NA	NA	NA	NA

P-value of OR	NA	NA	NA	NA	NA	NA
Heterogeneity I^2	NA	NA	NA	NA	NA	NA
Coronary heart disease						
No. of studies	1	1	1	1	1	1
Pooled OR	NA	NA	NA	NA	NA	NA
OR 95%CI	NA	NA	NA	NA	NA	NA
P-value of OR	NA	NA	NA	NA	NA	NA
Heterogeneity I^2	NA	NA	NA	NA	NA	NA
Death						
No. of studies	1	0	0	0	0	0
Pooled OR	NA	NA	NA	NA	NA	NA
OR 95%CI	NA	NA	NA	NA	NA	NA
P-value of OR	NA	NA	NA	NA	NA	NA
Heterogeneity I^2	NA	NA	NA	NA	NA	NA
Myocardial infarction						
No. of studies	1	0	0	1	0	0
Pooled OR	NA	NA	NA	NA	NA	NA
OR 95%CI	NA	NA	NA	NA	NA	NA
P-value of OR	NA	NA	NA	NA	NA	NA
Heterogeneity I^2	NA	NA	NA	NA	NA	NA

CVE, cerebro-cardiovascular events; OR, odds ratio; NA, not applicable.