

All vs all strategy		Main effects					Interaction				
SNP 1	SNP 2	α	β_1	β_2	γ_1	γ_2	δ_{11}	δ_{12}	δ_{21}	δ_{22}	LR
rs3917245	rs1412832	0.2298	-0.3541	-0.6515	-0.4278	-0.4339	0.4718	0.1768	0.4384	-0.243	20.08
rs4846770	rs518394	0.02662	0.03054	0.2357	0.1205	-0.2512	-0.3603	-0.3069	-0.8407	-0.1624	23.27
rs17163313	rs518394	0.03001	0.02525	0.2255	0.1128	-0.2575	-0.3549	-0.312	-0.8194	-0.1316	22.71
rs17163313	rs2069418	0.0305	0.06223	0.2004	0.1108	-0.2543	-0.4204	-0.3259	-0.7402	-0.1719	21.78
rs2378584	rs518394	0.02822	0.02932	0.2245	0.116	-0.2557	-0.3564	-0.305	-0.8197	-0.1483	22.47
rs4846770	rs2069418	0.02523	0.06923	0.2132	0.1217	-0.2463	-0.4268	-0.3233	-0.7656	-0.2034	22.54
rs17163301	rs518394	0.02822	0.02932	0.2245	0.116	-0.2557	-0.3597	-0.2995	-0.8197	-0.1483	22.48
CAD loci vs all strategy		Main effects					Interaction				
SNP 1	SNP 2	α	β_1	β_2	γ_1	γ_2	δ_{11}	δ_{12}	δ_{21}	δ_{22}	LR
rs17465637	rs518394	0.01704	0.06282	0.2194	0.102	-0.2416	-0.3444	-0.3103	-0.807	-0.2949	19.63
HumanNet strategy		Main effects					Interaction				
SNP 1	SNP 2	α	β_1	β_2	γ_1	γ_2	δ_{11}	δ_{12}	δ_{21}	δ_{22}	LR
rs4694178	rs583104	-0.0111	0.1079	-0.01846	-0.2479	0.2562	-0.05035	-1.285	0.2311	-1.05	23.77
rs4694178	rs602633	-0.01696	0.121	-0.004492	-0.2484	0.3354	-0.09983	-1.379	0.2113	-1.217	25.98