

Supplementary Table 1. Allele frequencies (AFs) of major risk variants in AMD in the CES and comparison to the EYE-RISK⁹ and the IAMDGC⁵ datasets.

Gene	SNP	REF	ALT	Major/ Minor allele	MAF controls CES	MAF cases CES	OR CES (95% CI)	P- value CES	MAF controls EYE-RISK	MAF cases EYE-RISK	OR EYE- RISK	P-value EYE- RISK	MAF controls IAMDGC	MAF cases IAMDGC	OR IAMDGC primary analysis	P-value IAMDGC primary analysis
<i>ARMS2</i>	rs10490924	G	T	G/T	0.142	0.201	1.47 [1.12 - 1.93]	0.005	0.181	0.437	3.29	9.04-55	0.208	0.436	2.81	0
<i>ARMS2/HTRA1</i>	rs3750846	T	C	T/C	0.140	0.197	1.46 [1.11 - 1.92]	0.007	0.181	0.432	3.18	5.26-52	0.208	0.436	2.81	6.5 ⁻⁷³⁵
<i>C2/CFB/SKIV2L</i>	rs429608	G	A	G/A	0.142	0.078	0.51 [0.34 - 0.74]	0.001	0.134	0.087	0.62	1.00-6	0.148	0.090	0.57	1.2 ⁻¹⁰³
<i>C3</i>	rs2230199	G	C	G/C	0.183	0.168	0.91 [0.68 - 1.20]	0.501	0.182	0.249	1.49	4.08-7	0.208	0.266	1.43	3.8 ⁻⁶⁹
<i>CFH</i>	rs10922109	C	A	C/A	0.443	0.361	0.72 [0.57 - 0.89]	0.003	0.461	0.243	0.37	3.93-47	0.426	0.223	0.38	9.6 ⁻⁶¹⁸
<i>CFH</i>	rs570618	G	T	G/T	0.310	0.340	1.11 [0.89 - 1.39]	0.342	0.347	0.578	2.49	8.98-44	0.364	0.580	2.38	2.0 ⁻⁵⁹⁰