

Statistic	Cohort	AMD cases	AMD cases (high complement PRS)	AMD cases (non-high complement PRS)	AMD Controls	All Subjects	All subjects with high complement PRS	All subjects with non-high complement PRS
Sample size	UKBB	9,638	3,214	6,424	331,639	356,927	76,574	280,353
Sample size	eMERGE	4,117	1,374	2,743	56,328	65,264	16,388	48,876
Sample size	MGBB	2,421	807	1,614	37,995	40,416	9,685	30,732
Sample size	IAMDGC	14,075	4,693	9,382	12,054	26,129	5,729	20,400
Mean age	UKBB	76.2	76.8	75.9	70.4	70.7	70.7	70.7
Mean age	eMERGE	79.9	80.3	79.7	58.0	59.9	59.8	59.9
Mean age	MGBB	75.5	76.6	75	60	60.9	61.0	60.9
Mean age	IAMDGC	76.2	75.3	76.7	69.8	73.2	74.2	73.0
% male	UKBB	42.4%	40.8%	43.2%	46.0%	46.2%	46.3%	46.2%
% male	eMERGE	43.6%	44.1%	43.3%	46.8%	47.4%	46.7%	47.6%
% male	MGBB	48.0%	48.3%	47.8%	45.0%	45.2%	45.0%	45.3%
% male	IAMDGC	39.5%	40.0%	39.3%	43.0%	41.1%	40.8%	41.2%
% obesity, prior to AMD	UKBB	7.8%	8.9%	7.3%	10.1%	10.0%	9.9%	10.0%
% obesity, prior to AMD	eMERGE	31.8%	29.9%	32.8%	27.1%	27.4%	26.9%	27.6%
% obesity, prior to AMD	MGBB	35.0%	33.1%	36.0%	33.1%	33.2%	32.8%	33.3%
% obesity, prior to AMD	IAMDGC	NA	NA	NA	NA	NA	NA	NA
% diabetes, prior to AMD	UKBB	8.4%	9.7%	7.8%	8.2%	8.2%	8.2%	8.2%
% diabetes, prior to AMD	eMERGE	19.7%	20.1%	19.5%	20.4%	20.4%	20.1%	20.5%
% diabetes, prior to AMD	MGBB	28.6%	28.5%	28.7%	17.9%	18.6%	19.2%	18.4%
% diabetes, prior to AMD	IAMDGC	NA	NA	NA	NA	NA	NA	NA
% hypertension, prior to AMD	UKBB	44.5%	47.0%	43.2%	39.4%	39.5%	39.3%	39.6%
% hypertension, prior to AMD	eMERGE	66.4%	64.8%	67.2%	56.7%	57.4%	56.4%	57.7%
% hypertension, prior to AMD	MGBB	43.7%	43.4%	43.8%	46.7%	47.2%	48.9%	47.4%
% hypertension, prior to AMD	IAMDGC	NA	NA	NA	NA	NA	NA	NA
% CAD, prior to AMD	UKBB	7.2%	7.9%	6.9%	7.0%	7.0%	6.9%	7.0%
% CAD, prior to AMD	eMERGE	8.7%	8.8%	8.7%	8.7%	8.7%	8.3%	8.9%
% CAD, prior to AMD	MGBB	6.9%	7.2%	6.8%	5.9%	5.9%	5.7%	6.0%
% CAD, prior to AMD	IAMDGC	NA	NA	NA	NA	NA	NA	NA
% tobacco use disorder, prior to AMD	UKBB	16.8%	20.8%	14.8%	18.9%	18.8%	18.7%	18.9%
% tobacco use disorder, prior to AMD	eMERGE	0.8%	1.2%	0.7%	4.9%	4.7%	4.5%	4.7%
% tobacco use disorder, prior to AMD	MGBB	13.1%	12.6%	13.4%	35.9%	34.5%	34.1%	34.7%
% tobacco use disorder, prior to AMD	IAMDGC	NA	NA	NA	NA	NA	NA	NA
% cataract, prior to AMD	UKBB	26.1%	24.8%	26.7%	13.5%	13.8%	13.7%	13.9%
% cataract, prior to AMD	eMERGE	45.6%	39.7%	48.6%	12.9%	15.0%	14.7%	15.2%
% cataract, prior to AMD	MGBB	38.2%	37.3%	38.7%	14.6%	16.0%	15.9%	16.1%
% cataract, prior to AMD	IAMDGC	NA	NA	NA	NA	NA	NA	NA
% glaucoma, prior to AMD	UKBB	6.9%	6.7%	7.0%	3.9%	4.0%	3.9%	4.0%
% glaucoma, prior to AMD	eMERGE	18.0%	16.4%	18.8%	5.4%	6.2%	6.1%	6.2%
% glaucoma, prior to AMD	MGBB	14.5%	13.8%	14.9%	6.3%	6.8%	6.7%	6.8%
% glaucoma, prior to AMD	IAMDGC	NA	NA	NA	NA	NA	NA	NA
% uveitis, prior to AMD	UKBB	1.1%	0.9%	1.1%	0.5%	0.5%	0.5%	0.6%
% uveitis, prior to AMD	eMERGE	3.4%	3.4%	3.5%	0.8%	0.9%	0.9%	0.9%
% uveitis, prior to AMD	MGBB	3.8%	3.30%	4.0%	1.1%	1.3%	1.4%	1.3%
% uveitis, prior to AMD	IAMDGC	NA	NA	NA	NA	NA	NA	NA