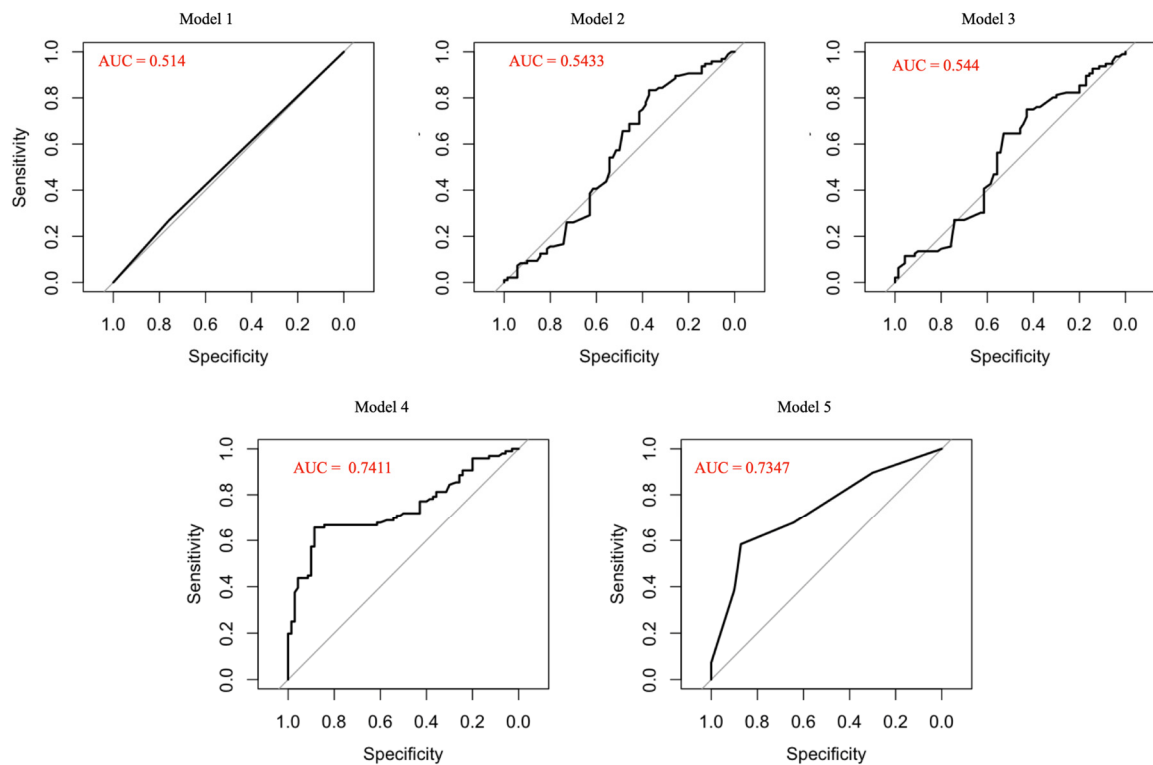


**Supplementary Table S1: Sensitivity and specificity analyses for the logistic regression analysis investigating the association of AMD using different adjustment variables.**

Model	OR (95% CI)	p-value	sensitivity	specificity
Model 0 Unadjusted	<b>1.371 - 1.871</b>	<b>0.045</b>	-	-
Model 1 adjusted for sex	<b>1.529 (0.837 - 2.869)</b> Sex - 0.864 (0.420 - 1.743)	0.173 Sex - 0.685	-	-
Model 2 adjusted for age and sex	<b>0.518 (0.063 - 4.188)</b> Sex - 0.839 (0.406 - 1.699) Age - 1.016 (0.987 - 1.046)	0.536 Sex - 0.628 Age - 0.288	0.071	0.958
Model 3 adjusted for age, sex and current smoking	<b>0.671 (0.072 - 6.281)</b> Sex - 0.705 (0.279 - 1.685) Age - 1.015 (0.986 - 1.045) Smoking -0.693 (0.228 - 2.072)	0.725 Sex - 0.441 Age - 0.326 Smoking - 0.510	0.086	0.938
Model 4 adjusted for age, sex, current smoking, cardiovascular disease, hypertension, obesity and physical inactivity	<b>4.868 (0.340 - 73.800)</b> Sex - 0.241 (0.078 - 0.685) Age - 0.988 (0.954 - 1.023) Smoking - 0.407 (0.112 - 1.448) Cardiovascular disease - 3.506 (1.506 - 8.644) Hypertension - 0.453 (0.124 - 1.578) Obesity - 3.003 (1.108 - 8.77) Physical inactivity - 6.694 (2.705 - 18.331)	<b>0.246</b> Sex - 0.009* Age - 0.507 Smoking - 0.166 Cardiovascular disease - 0.005 * Hypertension - 0.218 Obesity - 0.036 * Physical inactivity - <b>0.0001*</b>	0.757	0.666
Model 5 adjusted for sex, cardiovascular disease and physical inactivity	<b>0.929 (0.467 - 1.854)</b> Sex - 0.428 (0.183 - 0.958) Cardiovascular disease - 2.328 (1.131 - 4.889) Physical inactivity - 7.181 (3.123 - 18.310)	0.833 Sex - <b>0.043*</b> Cardiovascular disease - <b>0.023*</b> Physical inactivity - <b>&lt;0,00001 *</b>	0.871	0.583



**Supplementary Figure S1.** ROC curves for Logistic Regression Models without RTL data. Model 1 receiver operating characteristic (ROC) curve adjusted for sex. Model 2 ROC curve adjusted for age and sex. Model 3 ROC curve adjusted for age, sex and current smoking. Model 4 ROC curve adjusted for age, sex, current smoking, cardiovascular disease, hypertension, obesity and physical inactivity. Model 5 ROC curve adjusted for sex, cardiovascular disease and physical inactivity. Area under the curve (AUC) values are the probability that a randomly selected 'case' (here, a AMD) is ranked as being at greater risk of being a 'case' than a randomly selected control of the same covariates.

**Supplementary Table S2: Sensitivity and specificity analyses for the logistic regression analysis investigating the association of RTL and AMD using different adjustment variables.**

RTL	All, n = 166		Women, n = 119		Men, n = 47	
	sensitivity	specificity	sensitivity	specificity	sensitivity	specificity
Model 1 adjusted for sex	0.829	0.927	-	-	-	-
Model 2 adjusted for age and sex	0.814	0.917	0.830	0.914	0.824	0.808
Model 3 adjusted for age, sex and current smoking	0.814	0.917	0.8301887	0.914	0.765	0.885
Model 4 adjusted for sex, cardiovascular disease and physical inactivity	0.843	0.938	0.8235294	0.923	0.882	0.923