

Supplemental Table A. Cox Proportional Hazards Regression Models of Mortality and Age-Related Macular Degeneration

	Participants at Risk, N	All-Cause Mortality		Cardiovascular-Related Mortality			
		Number of Events (%)	Model 1 ^a (HR and 95% CI)	Model 2 ^b (HR and 95% CI)	Number of Events (%)	Model 1 ^a (HR and 95% CI)	Model 2 ^c (HR and 95% CI)
Early AMD							
Present	1064	458 (43.1%)	1.09 (0.98, 1.22)	1.04 (0.92, 1.17)	101 (9.5%)	1.18 (0.91, 1.53)	1.14 (0.88, 1.49)
Absent	3569	1128 (31.6%)	1 [Reference]	1 [Reference]	213 (6.0%)	1 [Reference]	1 [Reference]
Late AMD							
Present	277	156 (56.3%)	1.28 (1.07, 1.53)**	1.24 (1.07, 1.45)**	43 (15.5%)	1.69 (1.19, 2.41)**	1.68 (1.14, 2.49)**
Absent	4633	1586 (34.2%)	1 [Reference]	1 [Reference]	314 (6.8%)	1 [Reference]	1 [Reference]

HR = Hazard Ratio, CI = Confidence Interval; * p-value < 0.05, ** p-value < 0.01

^a Adjusted for age and sex. ^b Adjusted for age and sex and other characteristics in Table 3.

The proportionality assumption of Cox proportional hazards regression was violated for age in these analyses; as a result, analyses were stratified by age at the mean age-at death (e.g. 83 years) and results of the stratified analyses are presented in Table 4.

Supplemental Table B. Cox Proportional Hazards Regression Models of All-Cause and CVD-Related Mortality by Type of Late Age-Related Macular Degeneration

Variable	Participants Ages 67 to 82 years (N=4179)		Participants Ages 83+ years (N=731)	
	All-Cause Mortality (HR and 95% CI)	CVD-Related Mortality (HR and 95% CI)	All-Cause Mortality (HR and 95% CI)	CVD-Related Mortality (HR and 95% CI)
Pure Geographic Atrophy, present vs absent	1.12 (0.61, 2.05)	1.00 (0.36, 2.79)	1.80 (1.03, 3.16)*	3.23 (1.63, 6.38)**
Sex, female vs male	0.73 (0.59, 0.91)**	0.78 (0.54, 1.13)	0.65 (0.46, 0.92)*	0.65 (0.40, 1.06)
Smoking Status, former vs never	1.59 (1.27, 1.98)**	1.15 (0.80, 1.65)	1.07 (0.85, 1.36)	0.70 (0.43, 1.13)
Smoking Status, current vs never	2.23 (1.69, 2.93)**	1.95 (1.24, 3.07)**	1.51 (0.97, 2.36)	1.68 (0.72, 3.90)
BMI, per kg/m ²	0.97 (0.95, 0.99)*	0.99 (0.95, 1.03)	0.92 (0.88, 0.96)**	0.92 (0.86, 0.98)**
Number of Medications, per unit	1.07 (1.04, 1.11)**	1.05 (1.00, 1.12)	1.05 (1.00, 1.10)	1.11 (1.02, 1.20)*
Self-Reported Health Status, poor vs good	1.43 (0.92, 1.62)	1.30 (0.76, 2.22)	1.47 (0.93, 2.31)	1.15 (0.50, 2.66)
Depressive Symptomology, yes vs no	1.16 (0.94, 1.44)	1.33 (0.82, 2.16)	0.67 (0.42, 1.07)	0.66 (0.27, 1.63)
Cognitive Status, impaired vs unimpaired	2.51 (2.01, 3.13)**	2.41 (1.70, 3.43)**	1.31 (0.93, 1.67)	1.10 (0.68, 1.78)
Diabetes, yes vs no	1.27 (0.96, 1.41)	1.22 (0.80, 1.87)	1.27 (0.90, 1.79)	1.35 (0.73, 2.49)
Walking Disability, yes vs no	2.00 (1.59, 2.51)**	1.74 (1.20, 2.51)**	1.01 (0.80, 1.29)	1.09 (0.68, 1.74)
Total Plasma Cholesterol, per mmol/L	0.95 (0.89, 1.01)	1.02 (0.88, 1.19)	0.92 (0.83, 1.02)	1.12 (0.92, 1.36)
High-Density Lipoprotein Cholesterol, per mmol/L	1.07 (0.91, 1.26)	0.84 (0.55, 1.29)	1.04 (0.79, 1.29)	0.50 (0.28, 1.00)
History of Angina, yes vs no	Not Included in Model	1.64 (1.08, 2.49)*	Not Included in Model	0.95 (0.51, 1.77)
History of Cancer, yes vs no	1.99 (1.61, 2.46)**	Not Included in Model	1.45 (1.01, 2.06)*	Not Included in Model
History of Cardiovascular Disease, yes vs no	1.10 (0.95, 1.28)	Not Included in Model	0.87 (0.67, 1.13)	Not Included in Model
Record of Clinical Cardiovascular Event, yes vs no	Not Included in Model	1.56 (1.01, 2.42)*	Not Included in Model	1.24 (0.67, 2.33)
Microalbuminuria, yes vs no	1.50 (1.14, 1.98)**	1.54 (1.00, 2.37)	1.71 (1.18, 2.47)**	2.21 (1.34, 3.65)**
Chronic Kidney Disease, yes vs no	1.30 (1.07, 1.59)*	1.33 (0.96, 1.84)	1.21 (0.96, 1.52)	1.20 (0.76, 1.88)
Exudative AMD, present vs absent	1.52 (0.97, 2.37)	1.09 (0.48, 2.49)	1.65 (1.04, 2.62)*	1.60 (0.81, 3.15)
Sex, female vs male	0.73 (0.59, 0.91)**	0.73 (0.51, 1.06)	0.65 (0.47, 0.90)**	0.64 (0.41, 1.01)
Smoking Status, former vs never	1.57 (1.26, 1.95)**	1.11 (0.78, 1.58)	1.07 (0.86, 1.34)	0.78 (0.50, 1.22)
Smoking Status, current vs never	2.29 (1.75, 2.99)**	1.90 (1.22, 2.95)**	1.44 (0.95, 2.18)	2.08 (1.02, 4.25)*
BMI, per kg/m ²	0.97 (0.95, 0.99)**	1.00 (0.96, 1.03)	0.92 (0.88, 0.96)**	0.92 (0.87, 0.98)**
Number of Medications, per unit	1.08 (1.04, 1.12)**	1.06 (1.01, 1.12)*	1.06 (1.00, 1.10)	1.10 (1.02, 1.18)*
Self-Reported Health Status, poor vs good	1.42 (0.92, 1.69)	1.23 (0.73, 2.09)	1.32 (0.86, 2.03)	1.09 (0.50, 2.38)
Depressive Symptomology, yes vs no	1.15 (0.93, 1.42)	1.28 (0.80, 2.07)	0.65 (0.42, 1.02)	0.62 (0.27, 1.44)
Cognitive Status, impaired vs unimpaired	2.32 (1.87, 2.89)**	2.36 (1.67, 3.33)**	1.63 (1.20, 2.21)**	1.42 (0.92, 2.19)
Diabetes, yes vs no	1.24 (0.94, 1.48)	1.20 (0.79, 1.82)	1.46 (0.96, 1.73)	1.30 (0.72, 2.35)
Walking Disability, yes vs no	1.98 (1.59, 2.47)**	1.75 (1.22, 2.50)**	1.24 (0.90, 1.71)	1.17 (0.75, 1.82)
Total Plasma Cholesterol, per mmol/L	0.96 (0.90, 1.01)	1.04 (0.90, 1.21)	0.91 (0.82, 1.00)	1.10 (0.91, 1.32)
High-Density Lipoprotein Cholesterol, per mmol/L	1.05 (0.90, 1.23)	0.83 (0.55, 1.26)	1.07 (0.82, 1.40)	0.57 (0.32, 1.00)
History of Angina, yes vs no	Not Included in Model	1.66 (1.10, 2.51)*	Not Included in Model	1.08 (0.61, 1.91)
History of Cancer, yes vs no	1.96 (1.59, 2.42)**	Not Included in Model	1.08 (0.83, 1.40)	Not Included in Model
History of Cardiovascular Disease, yes vs no	1.12 (0.97, 1.30)	Not Included in Model	0.88 (0.68, 1.13)	Not Included in Model
Record of Clinical Cardiovascular Event, yes vs no	Not Included in Model	1.51 (0.98, 2.33)	Not Included in Model	1.11 (0.62, 2.00)
Microalbuminuria, yes vs no	1.53 (1.17, 2.00)**	1.53 (1.01, 2.34)*	1.86 (1.32, 2.63)**	2.07 (1.28, 3.35)**
Chronic Kidney Disease, yes vs no	1.28 (1.05, 1.56)*	1.36 (0.99, 1.87)	1.18 (0.95, 1.47)	1.30 (0.85, 2.00)

In participants aged 67 to 82 years, pure geographic atrophy and exudative AMD were present in 63 (1.5%) and 96 (2.3%), respectively; in participants aged 83+ years, pure geographic atrophy and exudative AMD were present in 52 (7.8%) and 66 (9.0%), respectively.

HR = Hazard Ratio, CI = Confidence Interval, * p-value < 0.05, ** p-value < 0.01 ; “ Not Included in Model” indicates a variable that did not meet the AIC criteria as outlined in the methods section.