

Supplementary table 1. Age- and Sex-Specific Characteristics of Study Population.

	50-59 y		60-69 y		70+		Total
	Men	Women	Men	Women	Men	Women	
	Mean (Standard Deviation)						
Age (years)	55.2(2.8)	54.7(2.9)	64.3(2.9)	63.9(2.8)	77.1(5.4)	77.8(5.7)	66.0(10.0)
Body mass index(kg/m ²)	22.3(2.8)	23.6(3.5)	21.7(3.2)	22.8(3.4)	21.2(2.6)	22.2(3.4)	22.3(3.3)
Systolic blood pressure(mmHg)	130.9(18.6)	133.7(20.0)	136.5(21.3)	142.4(24.2)	144.8(23.2)	153.8(25.4)	140.6(23.6)
Diastolic blood pressure(mmHg)	73.3(11.0)	74.4(11.4)	73.0(11.4)	75.4(11.6)	70.8(11.2)	74.2(12.6)	73.5(11.7)
Hemoglobin A1c(%)	5.89(0.7)	6.05(0.9)	5.96(0.8)	6.17(1.1)	5.90(0.6)	6.07(0.8)	6.01(0.8)
Spherical equivalents(Right eye)	0.40(1.9)	0.59(1.6)	0.22(2.2)	0.40(2.2)	-0.78(2.1)	-0.64(2.4)	0.03(2.2)
	Number (%)						
Hypertension	170(27.6)	322(36.5)	393(42.8)	377(50.2)	491(56.8)	612(72.1)	2365(48.5)
Diabetes	44(7.2)	92(10.4)	75(8.2)	104(13.9)	58(6.7)	103(12.1)	476(9.8)
Self-report medical history							
Hypertension	24(3.9)	47(5.3)	58(6.3)	64(8.5)	84(9.7)	146(17.2)	423(8.7)
Diabetes	6(0.9)	11(1.3)	10(1.1)	19(2.5)	6(0.7)	19(2.2)	71(1.5)
Wear glass	3(0.5)	1(0.1)	6(0.7)	0(0)	14(1.6)	1(0.1)	25(0.5)
Education (High school or higher)	24(3.9)	7(0.8)	17(1.9)	0(0)	10(1.2)	1(0.1)	59(1.2)
Cataract surgery(at least 1 eye)	7(1.1)	8(0.9)	34(3.7)	27(3.6)	93(10.8)	130(15.4)	299(6.1)

Supplementary table 2. Demographic Characteristics of subjects by with or without gradable photos in the Yangxi Eye Study

	With gradable photos n(%)	Without gradable photos	<i>p</i>
Total	4881 (83.8)	944 (17.2)	
Age groups(years)			
50~59	1498(30.7)	241 (25.5)	<0.001
60~69	1670(34.2)	243 (25.8)	
70+	1713(35.1)	460 (48.7)	
Gender			
Male	2398(49.1)	425(45.0)	0.021
Female	2483(50.9)	519(55.0)	
Educational level			
High school or higher	59(1.21)	20(2.12)	0.027
Middle school or lower	4822(98.8)	924(97.9)	

Supplementary table 3. Odds Ratios of Risk Factors for the Development of Age-related Macular Degeneration in the Yangxi Eye Study

Factors	Early AMD		Intermediate AMD		Late AMD		Any AMD	
	OR(95%CI)	P	OR(95%CI)	P	OR(95%CI)	P	OR(95%CI)	P
Male	1.07(0.94-1.23)	0.300	1.44 (1.23-1.69)	<0.001	2.46(1.15-5.24)	0.020	1.20(1.06-1.36)	0.005
Age(Per 10 years)	1.13(1.03-1.24)	0.009	1.11(1.00-1.23)	0.060	1.49(0.91-2.44)	0.110	1.14(1.05-1.24)	0.001
High school or higher education	0.70(0.40-1.25)	0.230	0.41(0.16-1.04)	0.060	2.52(0.33-19.3)	0.374	0.60(0.35-1.03)	0.065
BMI†(per 1kg/m ²)	0.97(0.95-0.99)	0.003	0.99(0.96-1.01)	0.384	1.01(0.90-1.13)	0.828	0.97(0.95-0.99)	0.002
Diabetes mellitus	0.83(0.67-1.04)	0.111	0.97(0.74-1.27)	0.851	0.67(0.16-2.89)	0.595	0.85(0.69-1.04)	0.114
Hypertension	0.99(0.86-1.14)	0.929	1.04(0.89-1.23)	0.595	1.01(0.50-2.05)	0.967	1.00(0.88-1.14)	0.989
Refractive error(D)	1.04(1.01-1.07)	0.022	1.00(0.97-1.04)	0.906	0.84(0.78-0.90)	<0.001	1.02(0.99-1.05)	0.106
Cataract surgery	1.16(0.86-1.56)	0.322	1.05(0.76-1.46)	0.766	3.23 (1.34-7.76)	0.009	1.18(0.90-1.55)	0.237

Abbreviation: BMI, Body mass index

