

**Supplementary Table 2. Characteristics of participants in the India age-related Eye Disease population study (INDEYE) by *SLC23A1* SNP rs33972313**

Characteristics	<i>SLC23A1</i> SNP rs33972313		p-value <sup>2</sup>
	GG n=5268	GA and AA <sup>1</sup> n=160	
Age, mean years (SD)	67.6 (6.5)	66.9 (5.8)	0.07
Women, n (%)	2763 (52.5)	80 (50.0)	0.61
Low Socioeconomic status <sup>3</sup> , n (%)	1184 (22.5)	31 (19.4)	0.36
Ever use of tobacco, n (%)	3250 (61.7)	99 (61.9)	0.97
Biomass fuel use, mean years (SD)	47.5 (13.3)	46.7 (14.3)	0.64
High Sun exposure <sup>4</sup> n (%)	1286 (24.4)	38 (23.8)	0.86
Body Mass Index $\geq 25$ kg/square metre, n (%)	856 (16.3)	31 (19.5)	0.30
Moderate and severe malnutrition <sup>5</sup> , n (%)	790 (15.0)	16 (10.0)	0.07
Diabetes <sup>6</sup> , n (%)	268 (5.1)	8 (5.0)	0.96
Cholesterol ( $\mu$ mol/L) mean (SD)	4.52 (1.06)	4.66 (0.96)	0.15
Diastolic Blood pressure (mm/Hg), mean (SD)	74.1 (13.3)	73.5 (14.7)	0.69

<sup>1</sup> 157 participants with GA genotype and 3 participants with AA genotype.

<sup>2</sup> p-value for difference between genotype (GG versus GA plus AA) calculated from Design-based Pearson Chi- squared test for categorical variables and Design adjusted Wald test for continuous variables.

<sup>3</sup> lowest quintile of the socio-economic score derived using principal component analysis (based on caste, landholding, roof type, number of rooms) and categorized by quintiles.

<sup>4</sup> highest quartile of midday sun exposure calculated from questionnaire responses on time spent outdoors at different over job and life periods and categorized by quartiles.

<sup>5</sup> Moderate and severe malnutrition defined as mid-upper arm circumference ( $<22$  in men and  $<20$  in women).

<sup>6</sup> Diabetes defined as blood glucose  $\geq 200$  mg/dl