

**S2.2\_Table:** Association of myopia (all, childhood-onset and adult-onset), with socio-demographic and environmental factors in **males**.

Factors	Childhood-onset myopia			Adult-onset myopia			All myopia			Emmetropia
	N	Unadjusted OR* (95% CI)	Adjusted OR ** (95% CI)	N	Unadjusted OR* (95%CI)	Adjusted OR ** (95% CI)	N	Unadjusted OR* (95%CI)	Adjusted OR ** (95% CI)	N
Year of birth	N			N			N			N
1939-1944	1214	<b>1</b>	1	850	<b>1</b>	<b>1</b>	2064	<b>1</b>	1	3556
1945-1949	1811	1.09	1.02 (0.92, 1.12)	1300	<b>1.12</b>	1.07 (0.98, 1.18)	3111	1.10	1.04 (0.95, 1.14)	4855
1950-1954	1387	1.11	1.03 (0.80, 1.19)	1066	1.21	1.15 (1.07, 1.24)	2453	<b>1.15</b>	1.08 (0.99, 1.18)	3673
1955-1959	1016	<b>0.86</b>	<b>0.86 (0.75, 0.99)</b>	1025	<b>1.24</b>	<b>1.20 (1.15, 1.24)</b>	2041	1.02	1.00 (0.92, 1.08)	3459
1960-1964	814	<b>0.68</b>	<b>0.72 (0.60, 0.86)</b>	913	1.09	1.07 (0.95, 1.19)	1727	<b>0.85</b>	<b>0.86 (0.78, 0.95)</b>	3504
1965-1970	687	<b>0.63</b>	<b>0.66 (0.55, 0.78)</b>	667	<b>0.87</b>	<b>0.86 (0.82, 0.88)</b>	1354	<b>0.73</b>	<b>0.73 (0.67, 0.80)</b>	3199
Highest educational qualification ¥										
None	385	1	1	487	1	1	872	1	1	3391
O-level	1212	<b>1.78</b>	<b>2.00 (1.87, 2.16)</b>	1443	<b>1.68</b>	<b>1.67 (1.46, 1.88)</b>	2655	<b>1.73</b>	<b>1.83 (1.67, 2.00)</b>	5992
A-level	1223	<b>2.46</b>	<b>2.63 (2.35, 2.95)</b>	1158	<b>1.84</b>	<b>1.81 (1.54, 2.10)</b>	2381	<b>2.11</b>	<b>2.17 (1.93, 2.44)</b>	4380
Higher-level	4109	<b>4.27</b>	<b>4.62 (4.06, 5.27)</b>	2733	<b>2.24</b>	<b>2.22 (1.95, 2.48)</b>	6842	<b>3.13</b>	<b>3.25 (2.94, 3.59)</b>	8483
Accommodation tenure										
Council rental	332	1	1	310	1	1	642	1	1	1711
Private rental	288	1.22	0.96 (0.74, 1.24)	241	1.09	0.97 (0.84, 1.12)	529	1.16	0.96 (0.78, 1.17)	1220
Own with mortgage	2441	<b>1.37</b>	0.96 (0.76, 1.22)	2444	<b>1.47</b>	<b>1.24 (1.07, 1.43)</b>	4885	<b>1.42</b>	1.09 (0.91, 1.29)	9182
Own	3868	<b>1.97</b>	1.18 (0.88, 1.60)	2826	<b>1.54</b>	<b>1.31 (1.12, 1.51)</b>	6694	<b>1.76</b>	1.24 (0.99, 1.55)	10133
Ethnicity										
White	6407	1	1	5201	1	1	11639	1	1	1963
Mixed ethnicity	51	0.81	0.95 (0.73, 1.23)	49	0.96	1.03 (0.83, 1.29)	100	0.88	0.99(0.88, 1.11)	192
Asian or Asian British§	248	<b>0.71</b>	<b>0.76 (0.64, 0.90)</b>	251	0.88	0.92 (0.80, 1.06)	501	<b>0.79</b>	<b>0.83 (0.73, 0.95)</b>	1074
Black or Black British	101	<b>0.34</b>	<b>0.41 (0.28, 0.60)</b>	192	<b>0.80</b>	0.89 (0.78, 1.00)	295	<b>0.55</b>	<b>0.64 (0.52, 0.78)</b>	911
Chinese	69	<b>3.11</b>	<b>2.85 (1.96, 4.15)</b>	15	0.83	0.85 (0.64, 1.11)	84	<b>2.09</b>	<b>1.95 (1.38, 2.74)</b>	68
Other	53	<b>0.47</b>	<b>0.50 (0.42, 0.61)</b>	78	<b>0.84</b>	0.92 (0.85, 1.00)	131	<b>0.64</b>	<b>0.69 (0.64, 0.73)</b>	348

\*OR = Odds Ratio. 95% CI = 95% confidence interval. \*\* Adjusted by year of birth, sex, educational qualification, accommodation tenure, ethnicity, variance adjustment for test centre. ¥O level: State examination at age 16 years; A level: State examination at age 18 years. § Asian category includes Indian, Pakistani and Bangladeshi. **Bold** fonts indicate significant associations at the 5% level.