

**S2.1\_Table:** Association of myopia (all, childhood-onset and adult-onset), with socio-demographic and environmental factors in **females**.

Factors	Childhood-onset myopia			Adult-onset myopia			All myopia			Emmetropia
	N 9460	Unadjusted OR* (95% CI)	Adjusted OR ** (95% CI)	N 5864	Unadjusted OR* (95%CI)	Adjusted OR ** (95% CI)	N 15324	Unadjusted OR* (95%CI)	Adjusted OR ** (95% CI)	N 24977
Year of birth	N			n			n			N
1939-1944	1254	<b>1</b>	1	586	<b>1</b>	<b>1</b>	1840	<b>1</b>	1	3083
1945-1949	2321	1.10	<b>1.03 (1.02, 1.05)</b>	1092	<b>1.11</b>	1.08 (0.99, 1.08)	3413	<b>1.10</b>	<b>1.05 (1.02, 1.08)</b>	5179
1950-1954	1926	1.05	0.94 (0.84, 1.06)	1077	<b>1.26</b>	<b>1.21 (1.08, 1.35)</b>	3003	<b>1.12</b>	1.03 (0.94, 1.12)	4491
1955-1959	1656	0.93	<b>0.86 (0.75, 0.97)</b>	1188	<b>1.43</b>	<b>1.37 (1.31, 1.43)</b>	2844	<b>1.09</b>	1.02 (0.94, 1.09)	4364
1960-1964	1300	<b>0.75</b>	<b>0.70 (0.64, 0.77)</b>	1109	<b>1.37</b>	1.31 (1.24, 1.40)	2409	<b>0.95</b>	<b>0.89 (0.83, 0.95)</b>	4249
1965-1970	1003	<b>0.68</b>	<b>0.64 (0.55, 0.74)</b>	812	<b>1.18</b>	<b>1.14 (1.08, 1.21)</b>	1815	<b>0.84</b>	<b>0.79 (0.73, 0.86)</b>	3611
Highest educational qualification ¥										
None	599	1	1	538	1	1	1137	1	1	3347
O-level	2214	<b>1.63</b>	<b>1.81 (1.54, 2.13)</b>	1826	<b>1.50</b>	<b>1.36 (1.20, 1.54)</b>	4040	<b>1.57</b>	<b>1.62 (1.41, 1.86)</b>	7598
A-level	1570	<b>1.99</b>	<b>2.23 (1.86, 2.68)</b>	1043	<b>1.47</b>	<b>1.34 (1.18, 1.51)</b>	2613	<b>1.75</b>	<b>1.81 (1.64, 2.00)</b>	4403
Higher-level	5077	<b>2.95</b>	<b>3.29 (2.78, 3.88)</b>	2457	<b>1.59</b>	<b>1.43 (1.32, 1.56)</b>	7534	<b>2.30</b>	<b>2.38 (2.15, 2.62)</b>	9629
Accommodation tenure										
Council rental	427	1	1	305	1	1	732	1	1	1873
Private rental	276	1.17	1.00 (0.81, 1.22)	201	<b>1.20</b>	1.14 (0.91, 1.41)	477	1.18	1.05 (0.85, 1.29)	1032
Own with mortgage	3447	<b>1.51</b>	1.20 (0.99, 1.45)	258	<b>1.57</b>	<b>1.42 (1.15, 1.76)</b>	6005	<b>1.53</b>	<b>1.28 (1.06, 1.55)</b>	10025
Own	5310	<b>1.93</b>	<b>1.35 (1.15, 1.60)</b>	2800	<b>1.43</b>	<b>1.43 (1.15, 1.79)</b>	810	<b>1.72</b>	<b>1.38 (1.15, 1.65)</b>	12047
Ethnicity										
White	8616	1	1	5210	1	1	13840	1	1	22078
Mixed ethnicity	112	1.00	1.10 (0.84, 1.43)	70	1.03	1.02 (0.79, 1.31)	182	1.01	1.07 (0.84, 1.35)	288
Asian or Asian British§	251	<b>0.71</b>	<b>0.79 (0.68, 0.91)</b>	179	<b>0.84</b>	<b>0.84 (0.75, 0.93)</b>	431	<b>0.76</b>	<b>0.80 (0.73, 0.88)</b>	909
Black or Black British	279	<b>0.65</b>	<b>0.77 (0.67, 0.89)</b>	252	0.97	1.00 (0.95, 1.05)	532	<b>0.77</b>	<b>0.86 (0.80, 0.93)</b>	1097
Chinese	97	<b>2.00</b>	<b>2.05 (1.51, 2.79)</b>	42	<b>1.43</b>	<b>1.41 (1.21, 1.63)</b>	139	<b>1.79</b>	<b>1.78 (1.39, 2.27)</b>	124
Other	104	<b>0.55</b>	<b>0.59 (0.46, 0.77)</b>	94	0.84	0.84 (0.74, 1.07)	200	<b>0.66</b>	<b>0.70 (0.58, 0.86)</b>	481

\*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.