

Potential risk factor	Myopia ( $\leq -0.75D$ )				
	n	Unadjusted model OR (95% CI) <sup>1</sup>	p value	Adjusted model OR (95% CI) <sup>2</sup> (n=881)	p value / p trend
Age 7 Mother highest qualification level (scale 1 - 8)	1707	1.10 (1.02 - 1.17)	0.009*	0.91 (0.76 - 1.08)	0.259
Age 7 Father highest qualification level (scale 1 - 8)	1511	1.06 (0.99 - 1.14)	0.079†		
Age 7 Working mother	1788				
- Working	1278	1.00			
- Full time parent	434	0.71 (0.53 - 0.97)			
- Not working	76	1.04 (0.58 - 1.88)	0.099†		
Age 7 Working father	1659				
- Working	1555	1.00		1.00	
- Full time parent	83	2.01 (1.15 - 3.51)		1.39 (0.69 - 2.79)	
- Not working	21	1.97 (0.62 - 3.51)	0.002*	1.31 (0.27 - 6.34)	0.337
Age 7 Cognitive ability (g) (standardized scale)	1371	1.13 (0.97 - 1.30)	0.108		
Age 7 Verbal cognitive ability (standardized scale)	1372	1.12 (0.97 - 1.29)	0.113		
Age 7 Non-verbal cognitive ability (standardized scale)	1382	1.09 (0.94 - 1.26)	0.250		
Age 7 Easily distracted (no / somewhat / certainly)	1794	0.99 (0.85 - 1.16)	0.928		
Age 7 Easily distracted (no / somewhat / certainly)	1593	1.00 (0.83 - 1.19)	0.961		
Age 7 Restless & overactive(no / somewhat / certainly )	1593	1.08 (0.88 - 1.33)	0.464		
Age 8 Connors inattention scale (scale 0 -27)	1744	1.01 (0.99 - 1.04)	0.264		
Age 10 Cognitive ability (g) (standardized scale)	1079	1.22 (1.01 - 1.47)	0.038*	collinearity	
Age 10 Verbal cognitive ability (standardized scale)	1079	1.29 (1.08 - 1.55)	0.005*	1.23 (0.97 - 1.56)	0.081†
Age 10 Non-verbal cognitive ability (standardized scale)	1080	1.09 (0.91 - 1.31)	0.366		

### Childhood factors

<sup>1</sup> Adjusted for family relatedness <sup>2</sup> Adjusted for age at refraction, sex, family relatedness, significant factors in univariable analyses & factors significant in adjusted analyses at any earlier life stages. Significance thresholds: \* = p-value <0.05, † = p-value <0.10. Abbreviations: OR = odds ratio, CI = confidence interval, g = composite score of cognitive ability