

## **Appendix**

Table 1: Prevalence of astigmatism in children and adults in Hong Kong

	Children	Adults
Refractive astigmatism $\geq 0.5$ D	63.6%	70.0%
Corneal astigmatism $\geq 0.5$ D	95.8%	75.6%
Refractive astigmatism $\geq 1.0$ D	21.9%	30.9%
Corneal astigmatism $\geq 1.0$ D	63.9%	39.5%

Table 2: The association of parental astigmatism on child astigmatism in 5,708 trios

### **Child RA risk**

Both parents having moderate astigmatism	Child RA risk is 60% higher than children whose parents had no astigmatism
Both parents having severe astigmatism	Child RA risk is 2 times higher than children whose parents had no astigmatism

### **Child CA risk**

Both parents having moderate astigmatism	Child CA risk doubled that of children whose parents had no astigmatism
Both parents having severe astigmatism	Child CA risk is 3 times higher than children whose parents had no astigmatism