

eSupplement 3. Child 5–11 year PedEyeQ domain scores across different eye conditions, showing comparison with visually normal controls.

Eye Condition <sup>a</sup>	N	Functional Vision		Bothered by Eyes/Vision		Social		Frustration/Worry	
		Median (range) P value	Mean difference from controls (95% CI)	Median (range) P value	Mean difference from controls (95% CI)	Median (range) P value	Mean difference from controls (95% CI)	Median (range) P value	Mean difference from controls (95% CI)
Control	105	95 (55-100)		100 (60-100)		100 (35-100)		100 (35-100)	
Amblyopia	103	80 (15-100) <0.001	-13 (-17 to -8)	90 (20-100) <0.001	-11 (-15 to -7)	90 (30-100) <0.001	-9 (-13 to -5)	80 (25-100) <0.001	-15 (-19 to -10)
Cataract	43	80 (30-100) <0.001	-13 (-18 to -7)	85 (5-100) <0.001	-11 (-17 to -5)	90 (35-100) <0.001	-8 (-13 to -3)	85 (10-100) <0.001	-14 (-20 to -7)
Cornea	6	70 (60-95) 0.002	-20 (-29 to -11)	78 (65-95) 0.001	-16 (-27 to -5)	90 (60-100) 0.052	-7 (-17 to 2)	85 (55-100) 0.007	-11 (-23 to 0)
Eyelid	10	70 (25-95) 0.004	-19 (-35 to -2)	83 (35-100) <0.001	-22 (-39 to -5)	95 (25-100) 0.04	-9 (-18 to -1)	93 (60-100) 0.004	-8 (-17 to 1) <sup>b</sup>
Glaucoma	10	60 (40-90) <0.001	-25 (-37 to -12)	78 (10-100) 0.002	-22 (-41 to -3)	82 (20-100) <0.001	-23 (-41 to -5)	83 (5-90) <0.001	-25 (-46 to -4)
Nystagmus	16	70 (30-95) <0.001	-24 (-34 to -14)	67 (20-100) <0.001	-26 (-39 to -12)	90 (50-100) 0.006	-9 (-18 to -1)	83 (15-100) <0.001	-17 (-29 to -5)
Refractive error	54	85 (40-100) <0.001	-10 (-14 to -5)	90 (40-100) <0.001	-9 (-14 to -5)	90 (45-100) <0.001	-7 (-11 to -3)	90 (35-100) <0.001	-8 (-13 to -3)
Retina	22	67 (35-95) <0.001	-25 (-34 to -16)	72 (35-100) <0.001	-21 (-31 to -12)	87 (35-100) <0.001	-12 (-21 to -4)	80 (25-100) <0.001	-15 (-24 to -6)
Strabismus	119	80 (25-100) <0.001	-12 (-16 to -8)	85 (20-100) <0.001	-13 (-17 to -9)	85 (15-100) <0.001	-11 (-15 to -7)	85 (0-100) <0.001	-15 (-19 to -10)
Uveitis	6	85 (60-95) 0.06	-10 (-19 to -1)	87 (55-95) 0.008	-10 (-18 to -2)	85 (70-90) <0.001	-11 (-21 to -2)	83 (65-90) <0.001	-13 (-24 to -2)

<sup>a</sup>Fewer than 5 children with CVI, orbital, and pupil/iris conditions completed questionnaires, and therefore were not analyzed.

<sup>b</sup>Significant difference in distributions despite 95% confidence interval crossing zero, due to non-normal distribution of data