

eSupplement 4. Proxy 5-11 year PedEyeQ domain scores across different eye conditions, showing comparison with visually normal controls

Eye Condition ^a	N	Functional Vision		Bothered by Eyes/Vision		Social		Frustration/Worry		Eye care	
		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)	Median (range) P value	Mean difference from controls (95% CI)
Control	105	100 (80-100)		100 (80-100)		100 (94-100)		100 (80-100)		100 (67-100)	
Amblyopia	103	70 (5-100) <0.001	-28 (-32 to -24)	90 (0-100) <0.001	-19 (-23 to -15)	88 (13-100) <0.001	-19 (-23 to -14)	90 (0-100) <0.001	-21 (-26 to -17)	67 (0-100) <0.001	-30 (-34 to -25)
Cataract	44	85 (30-100) <0.001	-19 (-24 to -13)	95 (40-100) <0.001	-13 (-19 to -8)	91 (19-100) <0.001	-18 (-25 to -11)	100 (10-100) <0.001	-14 (-21 to -7)	83 (42-100) <0.001	-18 (-23 to -12)
Cornea	7	85 (50-100) <0.001	-16 (-31 to -2)	95 (75-100) <0.001	-7 (-10 to -5)	100 (75-100) <0.001	-5 (-7 to -3)	100 (80-100) <0.001	-7 (-9 to -4)	100 (67-100) <0.001	-8 (-11 to -4)
CVI	17	30 (5-100) <0.001	-58 (-72 to -43)	75 (10-100) <0.001	-26 (-38 to -14)	94 (50-100) <0.001	-10 (-18 to -2)	100 (50-100) <0.001	-9 (-13 to -5)	83 (25-100) <0.001	-23 (-35 to -12)
Eyelid	12	90 (45-100) <0.001	-14 (-25 to -3)	95 (50-100) <0.001	-10 (-20 to -1)	100 (50-100) <0.001	-11 (-14 to -7)	100 (30-100) =0.008	-7 (-11 to -3)	96 (50-100) <0.001	-10 (-14 to 7)
Glaucoma	10	53 (35-95) <0.001	-38 (-53 to -24)	68 (35-95) <0.001	-32 (-46 to -19)	69 (25-94) <0.001	-32 (-48 to -15)	60 (30-100) <0.001	-37 (-51 to -24)	54 (50-100) <0.001	-38 (-49 to -26)
Nystagmus	21	50 (0-100) <0.001	-51 (-64 to -37)	65 (0-100) <0.001	-37 (-53 to -21)	88 (0-100) <0.001	-25 (-38 to -12)	90 (0-100) <0.001	-21 (-35 to -8)	75 (0-100) <0.001	-26 (-39 to -13)
Orbital	6	55 (10-85) <0.001	-46 (-73 to -20)	70 (55-95) <0.001	-27 (-42 to -12)	63 (50-88) <0.001	-34 (-51 to -17)	90 (60-100) <0.001	-16 (-20 to -12)	58 (42-75) <0.001	-42 (-57 to -27)
Refractive error	55	90 (40-100) <0.001	-16 (-20 to -11)	95 (20-100) <0.001	-11 (-15 to -6)	94 (31-100) <0.001	-11 (-16 to -7)	100 (30-100) <0.001	-11 (-16 to -5)	92 (17-100) <0.001	-14 (-19 to -9)
Retina	26	50 (0-100) <0.001	-51 (-65 to -37)	70 (0-100) <0.001	-37 (-50 to -24)	81 (13-100) <0.001	-24 (-35 to -14)	75 (0-100) <0.001	-33 (-46 to -20)	63 (25-100) <0.001	-31 (-40 to -21)
Strabismus	131	80(15-100) <0.001	-26 (-29 to -22)	90 (5-100) <0.001	-16 (-20 to -13)	94 (0-100) <0.001	-16 (-20 to -13)	90 (10-100) <0.001	-18 (-22 to -14)	83 (8-100) <0.001	-18 (-22 to -15)
Uveitis	6	85 (40-100) <0.001	-19 (-24 to -14)	88 (60-100) <0.001	-15 (-19 to -12)	91 (38-100) <0.001	-16 (-21 to -12)	55 (30-90) <0.001	-41 (-67 to -15)	63 (33-92) <0.001	-33 (-56 to -9)

^aFewer than 5 children with pupil/iris conditions completed questionnaires, and therefore were not analyzed.