

**Supplementary Table S1. Tilt by Crescent and Ethnicity of Myopes and Non-myopes**

	Myopes N=396 <sup>1</sup>		Non-myopes N=186 <sup>1</sup>		p-value <sup>2</sup>	
	OD N=376 <sup>3</sup>	OS N=373 <sup>3</sup>	OD N=154 <sup>3</sup>	OS N=149 <sup>3</sup>	OD	OS
<b>Tilt (°)</b>						
Mean ± SD	6.4±4.8	6.1±4.6	3.4±3.2	3.0±2.5	<0.0001	<0.0001
Median (min, max)	6.0 (0.0,28.0)	5.6 (0.0,21.9)	2.4 (0.1,19.4)	2.5 (0.0,13.0)		
<b>Ethnicity</b>						
<b>African American</b>						
N	102	103	40	40	<0.0001	<0.0001
Mean ± SD	5.8±4.3	5.5±4.3	3.3±3.2	2.7±2.1		
Median (min, max)	5.1 (0.0,19.3)	4.2 (0.0,16.7)	2.4 (0.1,14.5)	2.3 (0.1,8.6)		
<b>Asian</b>						
N	30	32	10	15	<0.0001	<0.0001
Mean ± SD	10.9±5.0	10.3±4.3	5.2±4.4	4.5±3.1		
Median (min, max)	10.5 (1.7,28.0)	10.0 (1.9,20.3)	3.9 (0.1,12.3)	4.5 (1.0,10.7)		
<b>Hispanic</b>						
N	54	56	24	24	<0.0001	<0.0001
Mean ± SD	5.6±3.7	5.4±4.1	3.6±2.2	3.8±3.0		
Median (min, max)	5.3 (0.3,15.4)	4.6 (0.3,18.8)	3.1 (0.3,8.6)	3.3 (0.0,11.5)		
<b>Mixed</b>						
N	20	22	10	8	<0.0001	<0.0001
Mean ± SD	6.9±5.5	8.2±5.1	2.2±2.8	2.3±1.1		
Median (min, max)	6.8 (0.3,15.1)	8.2 (0.3,21.7)	1.0 (0.2,9.6)	2.1 (0.7,4.1)		
<b>White</b>						
N	170	160	70	62	<0.0001	<0.0001
Mean ± SD	6.2±4.8	5.5±4.4	3.2±3.3	2.7±2.4		
Median (min, max)	5.6 (0.1,23.0)	4.8 (0.0,21.9)	2.2 (0.2,19.4)	2.0 (0.0,13.0)		
<b>Tilt (°) when Crescent Absent</b>						
<b>African American</b>						
N	63	63	39	38	<0.0001	<0.0001
Mean ± SD	3.8±3.1	3.8±3.5	3.0±2.7	2.4±1.7		
Median (min, max)	2.7 (0.2,12.4)	2.6 (0.0,15.6)	2.4 (0.1,9.9)	2.1 (0.1,7.3)		
<b>Asian</b>						
N	11	10	8	12	<0.0001	<0.0001
Mean ± SD	9.2±4.2	8.2±4.6	3.7±3.3	4.0±2.8		
Median (min, max)	9.9 (1.7,18.2)	8.8 (1.9,16.1)	2.8 (0.1,10.0)	3.9 (1.0,10.7)		
<b>Hispanic</b>						
N	34	31	21	21	<0.0001	<0.0001
Mean ± SD	3.8±3.0	3.1±2.7	3.3±1.9	3.1±2.4		
Median (min, max)	2.6 (0.3,12.1)	2.3 (0.3,10.9)	3.0 (0.3,7.4)	2.9 (0.0,9.1)		
<b>Mixed</b>						
N	10	6	9	7	<0.0001	<0.0001
Mean ± SD	3.1±3.1	3.9±4.0	1.3±1.1	2.4±1.1		
Median (min, max)	2.2 (0.3,10.2)	2.7 (0.3,10.9)	0.8 (0.2,3.8)	2.2 (0.7,4.1)		

<b>White</b> N Mean ± SD Median (min, max)	74 3.0±3.0 2.3 (0.1,15.5)	75 2.7±2.2 2.1 (0.0,10.0)	61 2.4±1.9 2.0 (0.2,9.2)	51 1.9±1.4 1.6 (0.0,6.5)	<0.0001	<0.0001
<b>Tilt (°) when Crescent Present</b>						
<b>African American</b> N Mean ± SD Median (min, max)	39 8.9±4.1 9.4 (0.0,19.3)	40 8.3±4.0 8.4 (0.9,16.7)	1 14.5±. 14.5 (14.5,14.5)	2 8.3±0.5 8.3 (7.9,8.6)	<0.0001	<0.0001
<b>Asian</b> N Mean ± SD Median (min, max)	19 11.8±5.3 11.3 (4.6,28.0)	22 11.3±3.8 10.7 (6.4,20.3)	2 11.2±1.6 11.2 (10.1,12.3)	3 6.6±4.0 7.9 (2.1,9.8)	<0.0001	<0.0001
<b>Hispanic</b> N Mean ± SD Median (min, max)	20 8.6±2.8 7.8 (4.5,15.4)	25 8.3±3.7 7.3 (1.6,18.8)	3 6.2±3.1 7.3 (2.6,8.6)	3 8.3±3.0 8.0 (5.5,11.5)	<0.0001	<0.0001
<b>Mixed</b> N Mean ± SD Median (min, max)	10 10.7±4.6 12.5 (0.9,15.1)	16 9.8±4.6 9.8 (1.2,21.7)	1 9.6±. 9.6 (9.6,9.6)	1 2.0±. 2.0 (2.0,2.0)	<0.0001	<0.0001
<b>White</b> N Mean ± SD Median (min, max)	96 8.7±4.6 8.5 (0.2,23.0)	85 8.0±4.4 7.4 (0.3,21.9)	9 9.0±4.8 8.5 (2.0,19.4)	11 6.0±3.0 5.6 (0.9,13.0)	<0.0001	<0.0001

<sup>1</sup>Participants with valid tilt data either for OD or OS eyes.

<sup>2</sup>p-values for comparisons between Myopes and Non-myopes were based on Wilcoxon rank sum tests for tilt measure.

<sup>3</sup>Participants with valid tilt data for OD and OS eyes.