

S4 Table. The association of myopia (≤ -0.75 D) with education in separate models in the NHANES 1999 – 2008, with additional adjustment.

Education	Adjusted model ^a (n= 19,704)		Adjusted model ^{b1} (n=18,232)		Adjusted model ^{b2} (n= 14,651)	
	Odds ratio [95% confidence interval]	P value	Odds ratio [95% confidence interval]	P value	Odds ratio [95% confidence interval]	P value
Less Than 9th Grade	Reference	-	Reference	-	Reference	-
9-11th Grade	1.26 [1.01; 1.57]	0.05	1.29 [1.02; 1.63]	0.04	1.22 [0.97; 1.54]	0.09
High School Grad/GED or Equivalent	1.63 [1.34; 1.97]	5.46e-06	1.61 [1.32; 1.95]	1.52e-05	1.61 [1.31; 1.97]	4.12e-05
Some College or AA degree	2.23 [1.83; 2.72]	7.19e-11	2.15 [1.75; 2.64]	7.99e-10	2.20 [1.78; 2.73]	4.05e-09
College Graduate or above	3.60 [2.95; 4.40]	< 2e-16	3.27 [2.64; 4.07]	1.65e-15	3.48 [2.81; 4.30]	4.82e-15

All models calculated with consideration of the study sample structure; ^a results from the multivariable linear regression model adjusted for age, sex, survey cycle, corneal power, ethnicity; ^{b1} additionally adjusted for poverty-to-income ratio; ^{b2} additionally adjusted for vitamin d level as a proxy for outdoor activity; AA: Associate of Arts degree, undergraduate academic degree awarded by colleges usually after completion of a two-year course; GED: General Education Development or Diploma, certification that provides that the test taker has United States or Canadian high-school-level academic skills.