

Supplementary table 5. Summarized Results from the ALSPAC Data Buddy Team

	Age	Sample size	Myopia	Non-myopia	OR (95% CI)		Coefficient	
		Myopia/Non-myopia	Mean ± SD (nmol/L)	Mean ± SD (nmol/L)	unadjusted (10 nmol/L)	adjusted (10 nmol/L)	unadjusted (Diopter per nmol/L)	adjusted (Diopter per nmol/L)
25(OH)D	7	93 / 963	75.62 ± 29.14	79.40 ± 30.83	0.96 (0.89 to 1.03)	0.96 (0.88 to 1.04)	-5.98E-04 (-2.38E-03 to 1.18E-03)	-2.5E-04 (-2.53E-03 to 2.03E-03)
25(OH)D3	7	93 / 963	70.89 ± 28.41	74.93 ± 31.01	0.96 (0.89 to 1.03)	0.96 (0.88 to 1.05)	-7.96E-04 (-2.57E-03 to 9.76E-03)	-6.35E-04 (-2.91E-03 to 1.64E-03)
25(OH)D	11	139 / 869	58.85 ± 18.64	59.07 ± 19.54	1.006 (0.91 to 1.11)	1.022 (0.91 to 1.15)	-5.12E-04 (-3.51E-03 to 2.49E-03)	2.84E-03 (-5.74E-04 to 6.26E-03)
25(OH)D3	11	139 / 869	53.19 ± 18.44	53.95 ± 19.32	1.022 (0.90 to 1.15)	1.026 (0.90 to 1.16)	-1.13E-04 (-3.14E-03 to 2.92E-03)	2.81E-03 (-5.3E-04 to 6.15E-03)

Adjusted for age, gender, time spent outdoors, near works and parental educational level