

Table S1. Spherical equivalent refractive error (SERE) of children aged 4 to 18 years during their initial visit to FUEENT from 2005 to 2021

Age (year)	2005	2006	2007	2008	2009	2010	2011	2012	2015	2016	2017	2018	2019	2020	2021
4	1.65 (3.32)	1.70 (3.57)	1.48 (3.46)	1.69 (3.09)	1.31 (3.36)	1.34 (3.26)	1.33 (3.23)	1.33 (3.25)	1.31 (3.13)	1.31 (3.22)	1.29 (3.18)	1.25 (3.17)	1.22 (3.05)	1.07 (3.07)	1.02 (3.00)
5	1.71 (3.25)	1.50 (3.01)	1.46 (3.07)	1.50 (2.81)	1.33 (2.81)	1.33 (2.89)	1.20 (2.75)	1.13 (2.77)	1.18 (2.99)	1.15 (2.94)	1.15 (2.74)	1.11 (2.63)	1.07 (2.62)	0.97 (2.81)	1.00 (2.77)
6	1.31 (3.29)	1.19 (3.00)	1.05 (2.95)	1.17 (2.87)	1.03 (2.76)	0.90 (2.88)	0.87 (2.72)	0.72 (2.72)	0.89 (2.95)	0.80 (2.82)	0.77 (2.75)	0.78 (2.65)	0.75 (2.60)	0.65 (2.80)	0.64 (2.83)
7	0.47 (3.39)	0.41 (3.05)	0.21 (2.86)	0.11 (2.94)	0.06 (2.67)	-0.03 (2.71)	-0.10 (2.70)	-0.24 (2.63)	0.04 (2.87)	-0.04 (2.67)	-0.12 (2.54)	-0.14 (2.58)	-0.19 (2.40)	-0.19 (2.64)	-0.14 (2.69)
8	-0.26 (3.24)	-0.86 (2.73)	-0.97 (2.43)	-0.83 (2.46)	-0.94 (2.46)	-0.98 (2.36)	-1.01 (2.27)	-1.09 (2.18)	-0.99 (2.53)	-0.90 (2.37)	-0.93 (2.32)	-0.97 (2.15)	-0.97 (1.97)	-1.00 (2.32)	-1.01 (2.49)
9	-1.10 (2.94)	-1.25 (2.59)	-1.40 (2.38)	-1.46 (2.24)	-1.39 (2.17)	-1.40 (2.15)	-1.48 (1.96)	-1.45 (2.02)	-1.49 (2.34)	-1.41 (2.21)	-1.41 (2.10)	-1.37 (2.11)	-1.40 (1.94)	-1.53 (2.17)	-1.48 (2.35)
10	-1.37 (2.93)	-1.75 (2.43)	-1.70 (2.34)	-1.85 (2.20)	-1.80 (2.17)	-1.76 (2.10)	-1.75 (2.02)	-1.71 (2.07)	-1.96 (2.33)	-1.87 (2.20)	-1.81 (2.06)	-1.71 (2.10)	-1.72 (2.00)	-1.83 (2.18)	-1.94 (2.37)

11	-1.82	-2.00	-2.03	-2.03	-2.08	-2.03	-1.96	-2.01	-2.30	-2.25	-2.14	-2.06	-2.03	-2.27	-2.39
	(2.80)	(2.46)	(2.26)	(2.18)	(2.05)	(2.12)	(2.04)	(2.07)	(2.29)	(2.12)	(2.23)	(2.13)	(2.01)	(2.33)	(2.36)
12	-2.02	-2.18	-2.20	-2.35	-2.28	-2.24	-2.23	-2.31	-2.57	-2.50	-2.48	-2.34	-2.34	-2.64	-2.76
	(2.61)	(2.39)	(2.29)	(2.18)	(2.22)	(2.29)	(2.07)	(2.16)	(2.41)	(2.31)	(2.28)	(2.21)	(2.18)	(2.45)	(2.53)
13	-2.24	-2.32	-2.50	-2.48	-2.58	-2.55	-2.49	-2.61	-2.82	-2.87	-2.71	-2.68	-2.61	-3.07	-3.07
	(3.15)	(2.53)	(2.62)	(2.50)	(2.34)	(2.35)	(2.45)	(2.29)	(2.46)	(2.43)	(2.47)	(2.51)	(2.40)	(2.61)	(2.66)
14	-2.42	-2.63	-2.64	-2.65	-2.75	-2.79	-2.74	-2.91	-3.06	-3.08	-3.02	-3.00	-2.93	-3.40	-3.51
	(3.15)	(2.55)	(2.51)	(2.52)	(2.66)	(2.55)	(2.55)	(2.55)	(2.61)	(2.55)	(2.56)	(2.63)	(2.62)	(2.70)	(2.85)
15	-2.80	-2.88	-2.97	-2.92	-3.10	-3.04	-3.03	-3.10	-3.37	-3.49	-3.34	-3.42	-3.42	-4.09	-3.95
	(3.14)	(2.82)	(2.86)	(2.64)	(2.81)	(2.80)	(2.56)	(2.69)	(2.80)	(2.90)	(2.72)	(2.84)	(2.88)	(3.02)	(3.03)
16	-3.05	-3.18	-3.18	-3.27	-3.45	-3.36	-3.50	-3.40	-3.80	-3.73	-3.75	-3.77	-3.71	-4.45	-4.28
	(3.15)	(3.09)	(2.93)	(3.08)	(2.83)	(3.03)	(3.19)	(2.97)	(3.03)	(2.91)	(3.07)	(3.06)	(2.98)	(3.20)	(3.31)
17	-3.51	-3.61	-3.62	-3.59	-3.54	-3.84	-3.71	-3.81	-4.23	-4.09	-4.09	-3.93	-3.77	-4.59	-4.85
	(3.39)	(3.34)	(3.29)	(3.37)	(3.20)	(3.35)	(3.36)	(3.34)	(3.42)	(3.27)	(3.22)	(3.13)	(3.17)	(3.42)	(3.37)
18	-3.80	-3.72	-3.68	-4.07	-4.06	-4.06	-4.01	-3.72	-4.42	-4.58	-4.31	-4.27	-4.24	-4.39	-5.18
	(3.56)	(3.40)	(3.44)	(3.68)	(3.61)	(3.46)	(3.24)	(3.50)	(3.48)	(3.59)	(3.50)	(3.41)	(3.65)	(3.45)	(3.71)

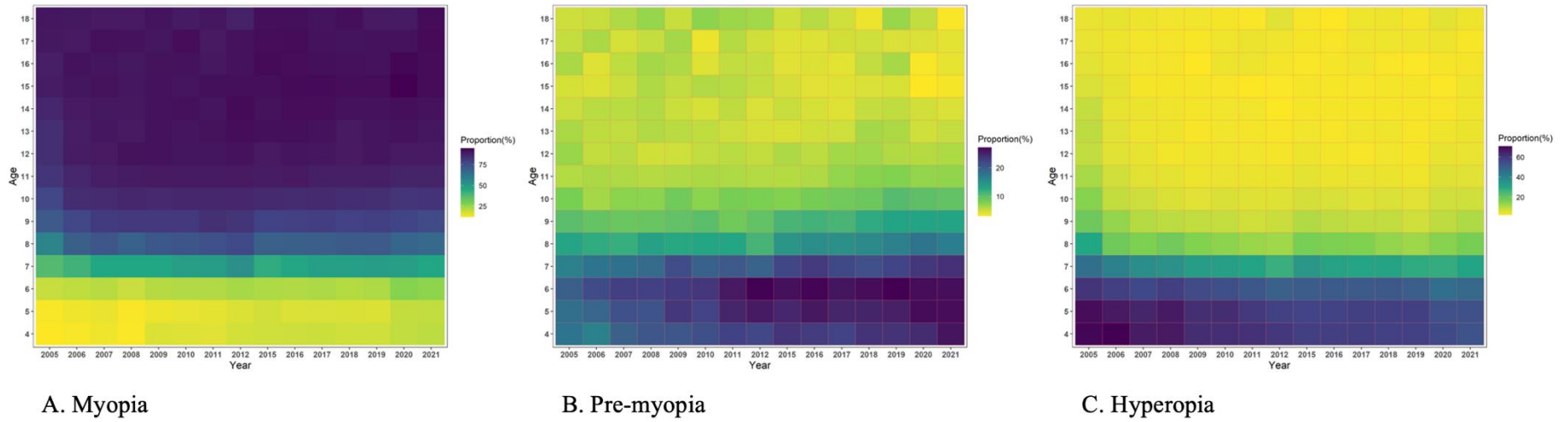


Figure S1. Proportion of myopia (a), pre-myopia (b) and hyperopia (c) in children aged 4-18 years from 2005 to 2021

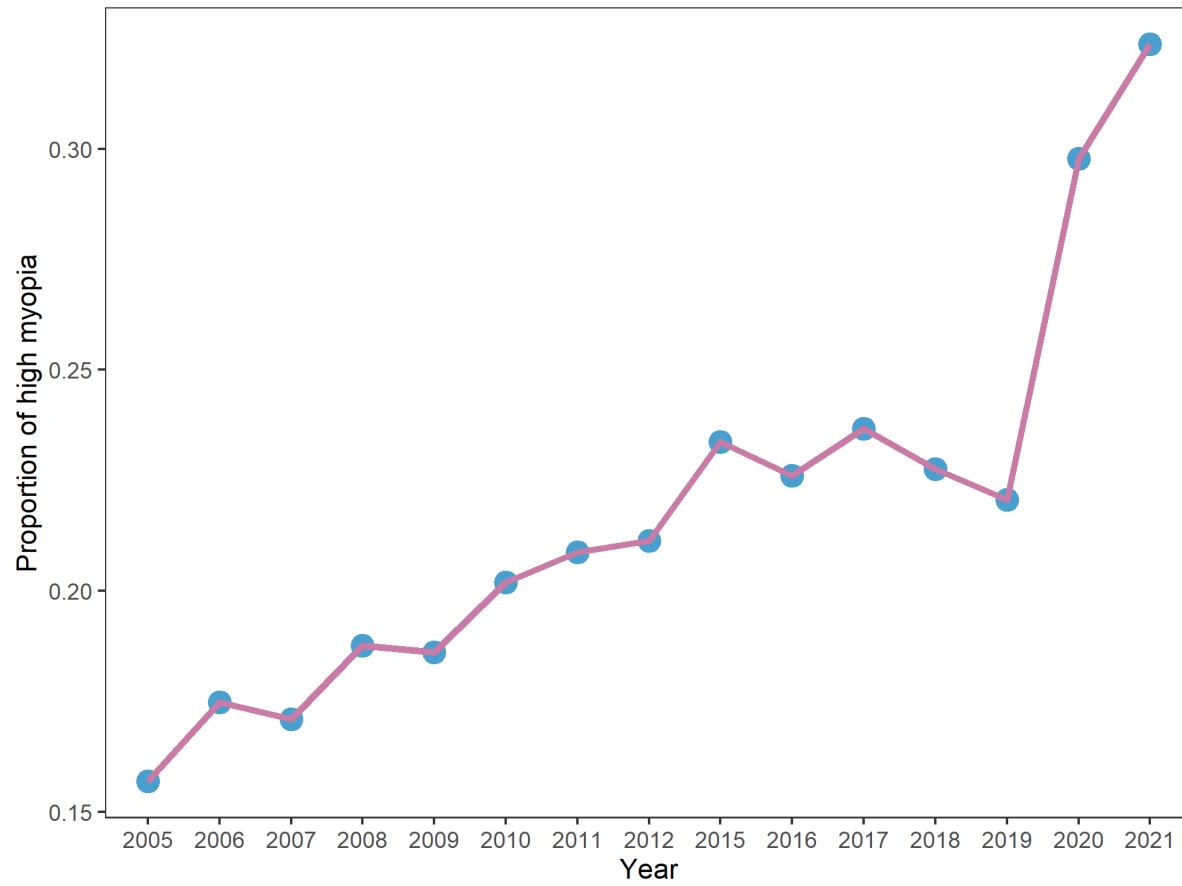


Figure S2. Proportion of high myopia in 16-18-year-old children from 2005 to 2021