Supplement

Schermtijd verhoogt risico op bijziendheid bij adolescenten

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Author Contributions

S.C.M. Kneepkens contributed to conceptualization, data curation, investigation, visualization, writing of the original draft, and reviewing and editing. E.A. 't Hart contributed to data curation, investigation, writing of the original draft. J.R. Polling and J.W.L. Tideman, contributed to resources and reviewing and editing. C.C.W. Klaver contributed to conceptualization, funding acquisition, project administration, supervision, and reviewing and editing.

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Supplementaire tabellen

Supplementaire Tabel 1. Non participation analysis vergelijkt de studie populatie met deelnemers die de app niet hebben geïnstalleerd.

	Niet deelnemend (N=2804)	**Deelnemend** (N=620)	***P-Value***
Gemiddelde leeftijd (jaren)	18.5±0.7	18.5±0.9	0.78
Vrouw (%)	50% (1,408)	63% (525)**	<0.01
Europees (%)	67%(1,868)	74%(614)**	<0.01
Refractieafwijking (%)	Total=2424	Total=597	0.13
Hypermetroop (SE≥+2D)	4% (66)	2% (12)	
Emmetroop (-0.5D<SE<+2D)	67% (1,221)	63% (374)	
Myoop (SE≤-0.5D)	30% (540)	35% (211)	
Sferische equivalent (D)	-0.3 (±1.8)	-0.5 (±1.9)	0.01
Gemiddelde aslengte (mm)	23.7(±1.0)	23.7 (±1.0)	0.19
Sociaaleconomische status (%)			0.12
Ondergemiddeld	56% (1,543)	53% (450)	
Bovengemiddeld	44% (1,210)	47% (398)	

Supplementaire tabel 2. Vergelijking tussen deelnemers op basis van een kijkafstand meer of minder dan 30cm

	Kijkafstand <30cm (N=34)	**Kijkafstand>30cm (N=616)**	***P -Value***
Age	18.7(±0.7)	18.5(±0.9)	0.33
Female(%)	71% (24)	75% (411)	0.78
European (%)	70% (24)	75%(460)	0.69
Mean AL (mm)	23.6(±1.22)	23.7(±1.0)	0.65
Mean SE (D)	-0.5(±2.5)	-0.5(±1.8)	0.97
Myopia (%)	36% (8)	36% (161)	1.0

Supplementaire Tabel 3. Sensitiviteitsanalyse ter vergelijking van regressieresultaten tussen Europese en niet-Europese deelnemers

Regression Results for Spherical equivalent

	European			Non-European		
	N	β (95%CI)	P	N	β (95%CI)	P
Model 1	427	-0.09 (-0.18 – -0.01)	0.03	166	0 (-0.11 – 0.11)	0.99
Model 2	422	-0.09 (-0.18 – 0)	0.04	165	0.01 (-0.1 – 0.12)	0.84
Model 3	422	-0.09 (-0.18 – 0)	0.04	165	0.01 (-0.1 – 0.12)	0.84

Regression Results for Axial length

	European			Non-European		
	N	β (95%CI)	P	N	β (95%CI)	P
Model 1	595	3.62 (-0.8 – 8.03)	0.11	198	3.14 (-2.4 – 8.68)	0.27
Model 2	588	3.68 (-0.77 – 8.13)	0.1	196	3.01 (-2.49 – 8.51)	0.28
Model 3	588	3.68 (-0.77 – 8.13)	0.1	196	3.01 (-2.49 – 8.51)	0.28

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