

**Supplementary table 1.** Sample size and descriptive statistics of independent variables

Variable	Country	2006	2010	2014	2018	Linear trend*	
Survey year (n)	Czech Republic	4474	4206	4827	11236	-	
	Norway	4074	3990	2793	2613	-	
	Scotland	5720	6274	5340	4563	-	
	Wales	4049	4432	4739	14882	-	
Female sex (%)	Czech Republic	50.2	51.7	52.6	49.9	0.997	
	Norway	48.0	50.4	52.6	51.7	<b>1.014</b>	
	Scotland	51.2	51.0	50.9	52.5	1.003	
	Wales	51.3	50.4	50.4	50.5	0.998	
Age group (%)	13 yrs.	Czech Republic	33.7	33.2	33.7	34.4	0.999
			15 yrs.	35.3	35.1	35.6	33.2
	13 yrs.	Norway	34.3	29.4	30.6	25.4	<b>0.942</b>
			15 yrs.	34.7	31.0	29.7	23.2
	13 yrs.	Scotland	35.6	30.7	35.4	33.4	0.977
			15 yrs.	36.2	38.4	32.5	29.2
	13 yrs.	Wales	36.3	36.4	33.7	33.1	0.984
			15 yrs.	32.0	33.0	35.2	33.1
Travel time (%)	<5 min.	Czech Republic	24.6	21.7	18.0	18.4	<b>0.952</b>
			5-15 min.	51.7	47.1	44.7	47.5
	<5 min.	Norway	17.6	18.5	20.3	17.8	1.010
			5-15 min.	45.5	45.2	45.3	47.3
	<5 min.	Scotland	20.3	20.1	23.1	22.1	1.012
			5-15 min.	44.9	43.9	43.3	43.3
	<5 min.	Wales	16.4	15.3	15.0	11.0	<b>0.944</b>
			5-15 min.	46.1	44.8	44.4	41.0
Family affluence (M)	Czech Republic	0.27	0.39	0.45	0.45	<b>0.014</b>	
	Norway	0.57	0.65	0.62	0.61	<b>0.003</b>	
	Scotland	0.38	0.48	0.53	0.55	<b>0.014</b>	
	Wales	0.39	0.45	0.57	0.60	<b>0.018</b>	

Ref. Age group = 11 year olds, Ref. Time to school = >15 min. Family affluence - rdit transformed to a linear score (0–1). \*Estimates represent odds ratios with exception of family affluence, which are unstandardized regression coefficients. Estimates in bold = p<.001.