

Table 4 – Parameter estimates (raw coefficients) for the ordinary least squares regression of the difference between the number of flights in Wave 10 and Wave 4 (n=8,793)*

Predictor category		Model A	Model B	Model C	Model D
	<i>Baseline predictor for no. of flights is included?</i>	Yes	No	Yes	Yes
	<i>Respondents who reported no flights in both waves are included?</i>	Yes	Yes	No	Yes
	<i>No. of flight variables are top-coded?</i>	Yes	Yes	Yes	No
	No. of flights in Wave 4 (baseline)	-0.53***		-0.68***	-0.61***
1 – Socio-demographic and economic situation	Household income in Wave 4 (ref. cat.: 1st income quintile / bottom)				
	2 nd	0.14*	0.11	0.24	0.17*
	3 rd	0.30***	0.12	0.28*	0.34***
	4 th	0.34***	-0.02	0.26*	0.40***
	5 th – top	0.60***	-0.06	0.54***	0.78***
	Sex at Wave 4 (ref.cat.: Male)				
	Female	0.12*	0.09	0.07	0.16*
	Age at Wave 4 (ref.cat. 75+ years old)				
	16-24 years old	0.61***	0.69***	0.78**	0.65***
	25-34 years old	0.30*	0.29	0.38	0.33*
	35-44 years old	0.34**	0.35*	0.48*	0.43**
	45-54 years old	0.39**	0.34*	0.61**	0.42**
	55-64 years old	0.18	0.11	0.35	0.22*
	65-74 years old	0.09	-0.01	0.24	0.11
	Employment status at Wave 4 and 10 (ref. cat.: In paid employment → In paid employment)				

	Other → Other	-0.27***	-0.22**	-0.11	-0.31***
	In paid employment → Retired	-0.16	-0.23*	-0.19	-0.21
	In paid employment → Other	0.09	0.04	0.19	0.07
	Other → In paid employment	0.02	0.08	-0.08	-0.01
	Other → Retired	0.004	0.04	0.13	-0.04
	Retired in Wave 4	-0.24*	-0.25*	-0.35*	-0.26*
	Tertiary education qualification in Wave 4 and 10 (ref. cat.: No → No)				
	No → Yes	0.35*	0.30	0.29	0.35
	Yes → Yes	0.06	-0.04	0.01	0.08
	In a cohabiting relationship in Wave 4 and 10 (ref.cat.: Yes → Yes)				
	No → Yes	0.06	-0.004	0.15	0.07
	Yes → No	0.06	0.12	0.21	0.08
	No → No	-0.11	-0.06	-0.08	-0.09
	Responsibility for children in Wave 4 and 10 (ref. cat.: No → No)				
	No → Yes	-0.78***	-	-	-0.88***
	Yes → No	-0.11	-0.05	-0.19	-0.18
	Yes → Yes	-0.37***	-0.21*	-0.37**	-0.46***
	Long-standing illness or disability in Wave 4 and 10 (ref. cat.: No → No)				
	No → Yes	-0.24***	-0.18**	-0.29**	-0.24***
	Yes → No	-0.10	-0.09	-0.14	-0.10
	Yes → Yes	-0.28***	-0.17**	-	-0.30***
	Percent change in total household net income between Wave 4 and 10	0.001***	0.0009*	0.001*	0.002***
	Population density in LSOA at Wave 4 (1000s persons per hectare)	0.01	0.004	0.01	0.005

2 – Spatial attributes of the area of residence	Travel time to nearest rail station at Wave 4 (mins)	-0.02	-0.01	0.01	-0.02
	Travel time to nearest large airport at Wave 4 (mins)	-0.03	-0.01	-0.11	-0.02
	Number of airports within 60 minutes travel time at Wave 4	0.15**	0.13*	0.14*	0.17**
	Annual passengers at nearest large airport at Wave 4 (millions)	0.0001	-0.0004	0.002	0.001
	Area of residence in Wave 4 and 10 (ref. cat.: Rest of England → Rest of England)				
	Rest of England → Greater London	0.40	0.02	0.38	0.50
	Greater London → Rest of England	0.33	0.37	0.20	0.23
	Greater London → Greater London	0.19	0.05	0.19	0.30*
	Change in population density in LSOA between Wave 4 and 10 (1000s persons per hectare)	0.0004	0.02	-0.01	-0.00
	Change in travel time to nearest rail station between Wave 4 and 10 (mins)	-0.07	-0.11	-0.24	-0.08
	Change in travel time to nearest large airport between Wave 4 and 10 (mins)	-0.05	-0.06	0.04	-0.04
	Change in number of airports within 60 minutes travel time between Wave 4 and 10	0.12	0.14	0.13	0.11
	Change in annual passengers at nearest large airport between Wave 4 and 10 (millions)	0.01	0.003	0.01	0.01
3 – Migration background and ethnicity	Migration generation status at Wave 4 (ref. cat.: 4th+) 2nd or 3rd	-0.07	-0.10	-0.11	-0.05
	1st (5+ years)	0.001	-0.12	-0.11	0.02
	1st (less than 5 years)	-0.60*	-0.76*	-0.84*	-0.54
	Ethnic group (ref. cat.: White British)				
	Other White	0.34	0.15	0.39	0.41
	Asian or Asian British	-0.21	-0.05	-0.29	-0.28*
	Black or Black British	-0.47**	-0.09	-0.57*	-0.58***
	Other + Mixed	-0.37*	-0.33	-0.49*	-0.46**
4 – Spatial dispersion of the respondent's social networks	Close family abroad in Wave 3 and 9 (ref. cat.: No → No)				
	No → Yes	0.38*	0.23	0.46*	0.52*
	Yes → No	0.26	0.06	0.30	0.23

	Yes → Yes	0.47**	0.23	0.47**	0.55**
	Friends outside of local area in Wave 3 and 9 (ref.cat.: No → No)				
	No → Yes	0.04	-0.06	0.09	0.05
	Yes → No	0.002	-0.02	-0.10	-0.02
	Yes → Yes	0.16*	0.05	0.19	0.17*
5 – Car ownership	Household cars in Wave 4 and 10 (ref.cat.: Yes → Yes)				
	No → No	-0.02	0.01	0.29	-0.06
	No → Yes	-0.11	-0.05	0.03	-0.16
	Yes → No	-0.08	0.03	-0.20	-0.12
6 – Environmental attitudes and behaviour	Green self-image at Wave 4 (scale, z-scores)	0.03	0.16	0.16	-0.01
	Climate change concern at Wave 4 (scale, score)	0.04	0.03	0.01	0.06
	Climate engagement at Wave 4 (scale, z-scores)	-0.002	-0.01	-0.01	-0.03
	Climate detachment at Wave 4 (scale, z-scores)	-0.03	-0.01	-0.05	-0.04
	Pro-environmental behaviour at Wave 4 (z-scores)	-0.11***	-0.06	-	-0.13***
	Change in ‘green self-image’ between Wave 4 and 10 (difference in raw scores)	0.05	0.07*	0.09	0.04
	Change in ‘climate change concern’ between Wave 4 and 10 (difference in raw scores)	0.09*	0.09*	0.14	0.10*
	Change in ‘climate engagement’ between Wave 4 and 10 (difference in raw scores)	0.01	0.01	0.02	0.01
	Change in ‘climate detachment’ between Wave 4 and 10 (difference in raw scores)	-0.003	0.01	0.003	-0.005
	Change in ‘pro-environmental behaviour’ between Wave 4 and 10 (difference in raw scores)	-0.11*	-0.10*	-0.16*	-0.12*
	Constant	0.04	-0.05	0.59	-0.02
	R ²	0.21	0.05	0.30	0.27
	N	8793	8793	5573	8793

* Notes: i) Significance levels: * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$.