

Table 3 - Mean no. of flights in Wave 4 and Wave 10, and mean change between waves, by categories of the main independent variables in the analysis sample (n=8,973)*

Predictor category	Variable	Category	Mean no. of flights (Wave 4)	Mean no. of flights (Wave 10)	Mean change in no. of flights from Wave 4 to Wave 10	Share of analysis sample (%)
1 - Socio-demographic and economic situation	Household income in Wave 4	1st (bottom)	0.38	0.71	[+0.33]	20.1
		2nd	0.46	0.84	[+0.38]	20.0
		3rd	0.80	1.25	[+0.43]	20.0
		4th	1.22	1.54	[+0.30]	19.9
		5th (top)	1.91	2.17	[+0.23]	20.0
	Sex at Wave 4	Male	1.03	1.40	[+0.35]	46.7
		Female	0.88	1.21	[+0.32]	53.3
	Age at Wave 4	16-24 years old	0.63	1.54	+0.88	10.6
		25-34 years old	0.93	1.29	+0.36	19.1
		35-44 years old	0.92	1.41	+0.46	17.7
		45-54 years old	1.07	1.55	+0.46	19.1
		55-64 years old	1.13	1.30	+0.16	16.6
		65-74 years old	1.02	0.89	-0.13	12.1
		75+ years old	0.61	0.45	-0.16	4.9
	Employment status at Wave 4 and 10	In paid employment → In paid employment	1.08	1.58	+0.48	53.0
		Other → Other	0.38	0.55	+0.17	8.5
		In paid employment → Retired	1.36	1.32	-0.06	4.5
		In paid employment → Other	1.14	1.54	+0.39	6.4
		Other → In paid employment	0.52	1.26	+0.73	7.9
		Other → Retired	0.87	1.14	+0.27	2.7
		Retired in Wave 4	0.86	0.74	-0.12	17.1
	Tertiary education qualification in Wave 4 and 10	No → No	0.72	1.01	+0.29	57.7
		No → Yes	0.76	1.84	+1.07	4.3
		Yes → Yes	1.33	1.68	+0.32	38.0
	In a cohabiting relationship in Wave 4 and 10	Yes → Yes	1.06	1.38	[+0.30]	61.5
		No → Yes	1.00	1.64	[+0.61]	7.6
		Yes → No	0.70	1.07	[+0.35]	4.7
		No → No	0.72	1.06	[+0.33]	26.1
	Responsibility for children in Wave 4 and 10	No → No	1.03	1.38	+0.33	79.1

2. Spatial attributes of the area of residence		No → Yes	0.90	0.92	+0.03	3.7
		Yes → No	0.84	1.34	+0.49	4.3
		Yes → Yes	0.54	0.93	+0.38	12.9
	Long-standing illness or disability in Wave 4 and 10	No → No	1.08	1.58	+0.48	52.5
		No → Yes	0.85	1.06	+0.21	15.2
		Yes → No	0.99	1.27	+0.26	9.7
		Yes → Yes	0.72	0.83	+0.11	22.6
	Change in household income between Wave 4 and 10	Decrease	1.03	[1.27]	+0.22	35.2
		Increase	0.91	[1.32]	+0.39	64.8
	Population density in LSOA at Wave 4	Low	[0.98]	[1.24]	+0.25	34.2
		Medium	[0.92]	[1.28]	+0.35	33.3
		High	[0.95]	[1.38]	+0.41	32.4
	Travel time to nearest rail station at Wave 4 (mins)	Low	1.15	1.56	+0.38	34.7
		Medium	0.94	1.32	+0.37	33.4
		High	0.75	1.00	+0.24	31.9
	Travel time to nearest large airport at Wave 4 (mins)	Low	1.17	1.64	+0.45	33.6
		Medium	0.96	1.30	+0.32	33.5
		High	0.72	0.95	+0.23	32.9
	Number of airports within 60 minutes travel time at Wave 4	Low	0.75	1.00	+0.23	45.1
		Medium	1.02	1.40	+0.36	37.5
		High	1.33	1.88	+0.53	17.3
	Annual passengers at nearest large airport at Wave 4 (millions)	Low	0.90	1.31	[+0.39]	33.5
		Medium	0.88	1.20	[+0.31]	36.4
		High	1.10	1.42	[+0.30]	30.1
	Area of residence in Wave 4 and 10	Rest of England → Rest of England	0.86	1.17	[+0.30]	84.3
		Rest of England → Greater London	1.52	2.50	[+0.93]	0.7
		Greater London → Rest of England	1.54	2.23	[+0.59]	1.1
		Greater London → Greater London	1.41	1.97	[+0.52]	13.8
	Change in population density in LSOA between Wave 4 and 10	Decrease	1.01	1.39	[+0.36]	43.3
		Increase	0.91	1.23	[+0.32]	56.7
	Change in travel time to nearest rail station between Wave 4 and 10	Decrease	[0.82]	1.28	[+0.43]	14.1
		No change	[0.95]	[1.28]	[+0.32]	69.7
		Increase	[1.06]	[1.39]	[+0.32]	16.3
	Change in travel time to nearest large airport between Wave 4 and 10	Decrease	[0.89]	[1.50]	+0.57	14.3
		No change	[0.95]	[1.27]	+0.30	69.5

		Increase	[1.00]	[1.26]	+0.26	16.1
	Change in number of airports within 60 minutes travel time between Wave 4 and 10	Decrease	[1.03]	[1.43]	+0.40	4.6
		No change	[0.96]	[1.28]	+0.31	90.6
		Increase	[0.74]	[1.49]	+0.74	4.8
	Change in annual passengers at nearest large airport between Wave 4 and 10	Decrease	1.23	1.63	[+0.35]	3.5
Increase		0.94	1.29	[+0.33]	96.5	
3. Migration and ethnic background	Migration generation status at Wave 4	4th+	0.90	1.24	[+0.33]	71.3
		2nd or 3rd	0.97	1.32	[+0.33]	17.9
		1st (5+ years)	1.30	1.72	[+0.41]	9.8
		1st (less than 5 years)	1.27	1.26	[-0.09]	1.0
	Ethnic group	White British	0.92	1.26	+0.32	87.3
		Other White	1.88	2.42	+0.49	3.6
		Asian or Asian British	0.86	1.34	+0.46	5.0
		Black or Black British	0.50	0.88	+0.36	1.9
		Other + Mixed	1.09	1.27	+0.18	2.1
	4. Spatial dispersion of social networks	Close family abroad in Wave 3 and 9	No → No	0.90	1.24	+0.32
No → Yes			1.30	1.90	+0.52	2.0
Yes → No			1.29	1.63	+0.33	2.4
Yes → Yes			1.58	2.11	+0.53	4.6
Friends outside of local area in Wave 3 and 9		No → No	0.48	0.69	+0.20	5.7
		No → Yes	0.73	0.95	+0.25	7.5
		Yes → No	0.57	0.80	+0.22	11.9
		Yes → Yes	1.07	1.46	+0.37	74.9
5. Car ownership	Household cars in Wave 4 and 10	No → No	0.49	0.70	+0.21	10.6
		No → Yes	0.46	1.05	+0.55	4.5
		Yes → No	0.62	0.75	+0.13	3.4
		Yes → Yes	1.05	1.42	+0.35	81.5
6. Pro-environmental attitudes and behaviour	Green self-image at Wave 4	Low	0.93	1.33	+0.38	41.7
		Medium	1.05	1.40	+0.35	40.9
		High	0.79	0.99	+0.19	17.4
	Climate change concern at Wave 4 (score)	0	0.82	1.16	[+0.33]	8.0
		1	0.87	1.31	[+0.40]	14.4
		2	0.98	1.31	[+0.32]	77.6
	Climate engagement at Wave 4	Low	0.88	1.25	[+0.35]	47.3
		Medium	1.00	1.31	[+0.30]	31.5
		High	1.05	1.41	[+0.34]	21.2
	Climate detachment at Wave 4	Low	1.07	1.44	[+0.35]	37.6
		Medium	0.93	1.30	[+0.35]	30.4
		High	0.83	1.14	[+0.30]	32.0

	Pro-environmental behaviour at Wave 4	Low	[0.98]	1.40	+0.40	32.7
		Medium	[0.97]	1.35	+0.37	39.5
		High	[0.89]	1.12	+0.21	27.8
	Change in 'green self-image' between Wave 4 and 10	Decrease	0.90	1.17	[+0.26]	24.9
		No change	0.99	1.38	[+0.38]	49.7
		Increase	0.92	1.27	[+0.33]	25.4
	Change in 'climate change concern' between Wave 4 and 10	Decrease	0.70	0.87	+0.18	9.4
		No change	1.00	1.36	+0.35	75.0
		Increase	0.87	1.27	+0.36	15.6
	Change in 'climate engagement' between Wave 4 and 10	Decrease	0.82	1.12	[+0.29]	28.6
		No change	0.91	1.27	[+0.33]	19.7
		Increase	1.04	1.41	[+0.36]	51.7
	Change in 'climate detachment' between Wave 4 and 10	Decrease	1.02	1.37	[+0.33]	60.2
		No change	0.88	1.24	[+0.34]	12.4
		Increase	0.84	1.19	[+0.33]	27.4
	Change in 'pro-environmental behaviour' between Wave 4 and 10	Decrease	[0.90]	1.23	[+0.31]	37.6
		No change	[0.92]	1.30	[+0.38]	9.5
		Increase	[0.99]	1.36	[+0.34]	52.9

* Notes: i) all dependent variables are top-coded; ii) the rightmost column reports the size (%) of the categories of the independent variable; due to rounding, the values do not always add up to 100%; iii) mean values are reported between square brackets if there is no statistically significant difference between the categories of the independent value (t-tests at $p < 0.05$); all other differences between categories of independent variables are significant at the indicated level. iv) all variables with "low", "medium" and "high" categories except 'Climate concern at Wave 4' are based on terciles of the distribution