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The association between residential arrangements and academic performance in UK university students

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Table 1. Descriptives

Predictor	Categories	N	%
Gender	Male	7033	48.3
	Female	7520	51.7
Age	<21 years	10803	74.2
	≥21 years	3750	25.8
Residential status	Commuter Students	3137	21.6
	Living at Home Students	1231	8.5
	Relocated Students	10185	70.0
Parental occupation	Managerial and professional	5646	38.8
	Intermediate	1576	10.8
	Routine and manual	3200	22.0
	Unknown	4131	28.4
Year of programme	0 (Foundation)	455	3.1
	1	4678	32.1
	2	4137	28.4
	3	3111	21.4
	4	2039	14.0
	5	133	0.9
Academic performance at entry	At or below the departmental median	6248	42.9
	Above the median	5609	38.5
	Missing or atypical	2696	18.5

Table 2. Logistic regression analyses of the proportion of students with a 100% Pass Rate (stratified by age and gender)

Predictor	Reference category		All students ≥21 years (n=3750)		Male students <21 years (n=5565)		Female students <21 years (n=5238)		
			OR	95% CIs	OR	95% CIs	OR	95% CIs	
Gender	Male	vs	Female	1.03	0.89 – 1.19	n/a	n/a	n/a	n/a
Residential status	Commuter Students	vs	Living at Home Students	0.95	0.79 – 1.15	0.88	0.63 – 1.23	1.12	0.79 – 1.59
			Relocated Students	0.93	0.79 – 1.09	1.07	0.88 – 1.30	1.19	0.96 – 1.47
Academic performance at entry	Departmental median or below	vs	Above median	1.75***	1.34 – 2.30	1.47***	1.29 – 1.67	1.51***	1.30 – 1.75
			Missing/atypical	0.89	0.75 – 1.07	0.78	0.53 – 1.14	0.57**	0.38 – 0.84
Parental occupation	Managerial/professional	vs	Intermediate	1.17	0.90 – 1.55	0.87	0.70 – 1.08	0.88	0.68 – 1.12
			Routine/manual	0.87	0.70 – 1.09	0.74***	0.63 – 0.87	0.73**	0.60 – 0.87
			Unknown	0.80*	0.65 – 0.98	0.75***	0.64 – 0.88	0.80*	0.66 – 0.97
Year of programme	0-1	vs	2-3	1.00	0.86 – 1.16	1.45***	1.26 – 1.66	1.37***	1.17 – 1.60
			4-5	1.34*	1.04 – 1.72	1.50***	1.25 – 1.79	1.64***	1.28 – 2.10

* $p < .05$

** $p < .01$

*** $p < .001$

Table 3. Logistic regression analyses of the proportion of students whose performance was consistent with Good Degree Performance (stratified by age and gender)

Predictor	Reference category		All students ≥21 years (n=2247)		Male students <21 years (n=3828)		Female students <21 years (n=3884)		
			OR	95% CIs	OR	95% CIs	OR	95% CIs	
Gender	Male	vs	Female	1.10	0.90 – 1.35	n/a	n/a	n/a	n/a
Residential status	Commuter Students	vs	Living at Home Students	1.29	0.99 – 1.68	1.90**	1.22 – 2.96	1.48*	1.01 – 2.15
			Relocated Students	1.14	0.91 – 1.43	1.21	0.95 – 1.53	1.71***	1.34 – 2.17
Academic performance at entry	Departmental median or below	vs	Above median	1.23	0.87 – 1.74	1.67***	1.44 – 1.93	1.83***	1.56 – 2.15
			Missing/atypical	0.87	0.68 – 1.10	0.83	0.52 – 1.31	0.94	0.58 – 1.53
Parental occupation	Managerial/professional	vs	Intermediate	0.99	0.67 – 1.46	0.81	0.64 – 1.02	1.23	0.91 – 1.64
			Routine/manual	0.74	0.54 – 1.03	0.93	0.76 – 1.12	0.72**	0.59 – 0.88
			Unknown	0.59**	0.44 – 0.80	1.01	0.84 – 1.22	0.71***	0.58 – 0.87
Year of programme	0-1	vs	2-3	0.80*	0.64 – 0.99	0.74***	0.63 – 0.87	0.80*	0.67 – 0.96
			4-5	0.91	0.67 – 1.25	0.86	0.71 – 1.04	0.88	0.69 – 1.12

* $p < .05$

** $p < .01$

*** $p < .001$