

TABLE 1. Coefficients and Standard errors for Random Effects linear models

Independent variables ( $X$ )		Dependent variable ( $Y$ )							
Category	Variable name	Rent burdened		Rent over-burdened		Log median rent		Log median house price	
		Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7	Model 8
Airbnb	Airbnb all rentals	7.260*** (0.467)		−0.201 (0.290)		0.001 (0.001)		−0.006 (0.005)	
	Airbnb active rentals		−0.014*** (0.004)		0.001 (0.001)		−0.149 (0.239)		6.103*** (0.383)
Demographic	Percent bachelor's degree	−0.098 (0.079)	0.002*** (0.001)	−0.156** (0.067)	0.001*** (0.0002)	0.001*** (0.0002)	−0.157** (0.067)	0.002*** (0.001)	−0.089 (0.079)
	Percentage foreign-born	−0.131*** (0.048)	0.003*** (0.0005)	−0.010 (0.032)	0.0002 (0.0001)	0.0002 (0.0001)	−0.010 (0.032)	0.003*** (0.0005)	−0.132*** (0.047)
	Percentage unemployed	0.302 (0.209)	0.001 (0.002)	−0.108 (0.142)	0.0001 (0.001)	0.0001 (0.001)	−0.109 (0.142)	0.001 (0.002)	0.373* (0.208)
	Percentage non-white	0.357*** (0.071)	−0.002*** (0.001)	0.174*** (0.058)	0.0001 (0.0002)	0.0001 (0.0002)	0.172*** (0.058)	−0.002*** (0.001)	0.369*** (0.071)
	Log median household income	0.028 (0.045)	−0.0003 (0.0004)	−0.063* (0.038)	−0.0002 (0.0001)	−0.0002 (0.0001)	−0.064* (0.038)	−0.0004 (0.0004)	0.029 (0.045)
Constant	Intercept	238.114*** (52.233)	12.470*** (0.438)	313.727*** (43.038)	6.779*** (0.133)	6.779*** (0.133)	314.671*** (42.945)	12.412*** (0.438)	223.533*** (52.058)
Tests and statistics	Observations	784	784	784	784	784	784	784	784
	R <sup>2</sup>	0.300	0.085	0.081	0.119	0.119	0.081	0.074	0.309
	Adjusted R <sup>2</sup>	0.295	0.078	0.074	0.112	0.112	0.074	0.067	0.303
	F Statistic	55.481*** ( $df = 6; 777$ )	11.994*** ( $df = 6; 777$ )	11.430*** ( $df = 6; 777$ )	17.465*** ( $df = 6; 777$ )	17.511*** ( $df = 6; 777$ )	11.425*** ( $df = 6; 777$ )	10.340*** ( $df = 6; 777$ )	57.858*** ( $df = 6; 777$ )

Notes: \* $p < 0.1$ ; \*\* $p < 0.05$ ; \*\*\* $p < 0.01$