

How do housing tenure mix and public spaces influence their feelings of safety in their neighbourhoods?

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PICKING DATA

Dependent variable:

The grade (1-10) that locals gave their neighbourhood regarding safety

Independent variables:

Municipality involves the local residents in approach of safety and quality of life in the neighbourhood (% agrees)

Neighbourhood clean (%)

Neighbourhood dirty (%)

Area: % green

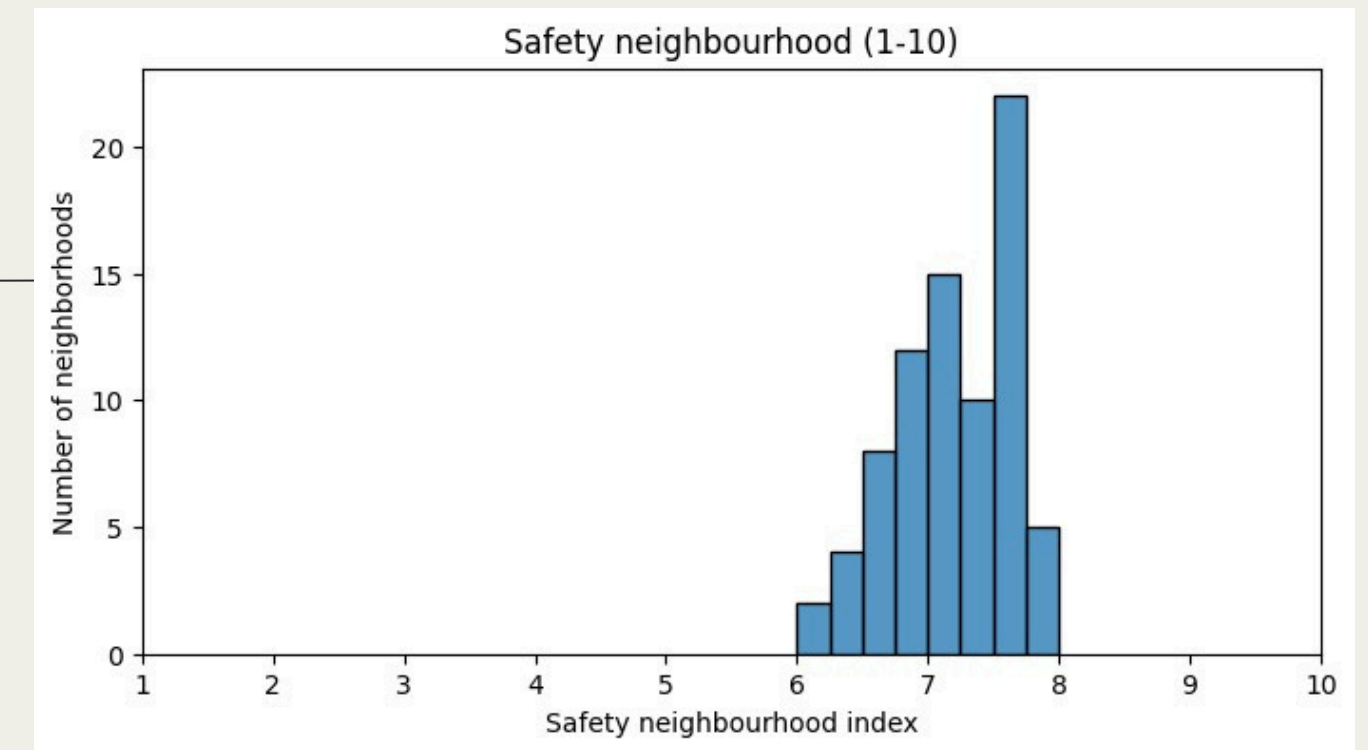
Property: % Housing corporation

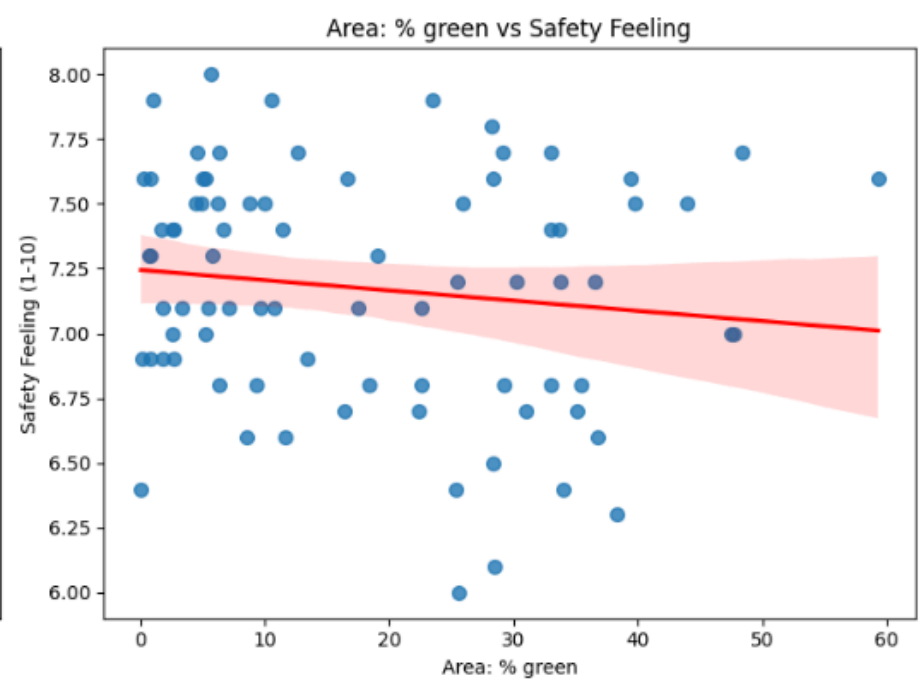
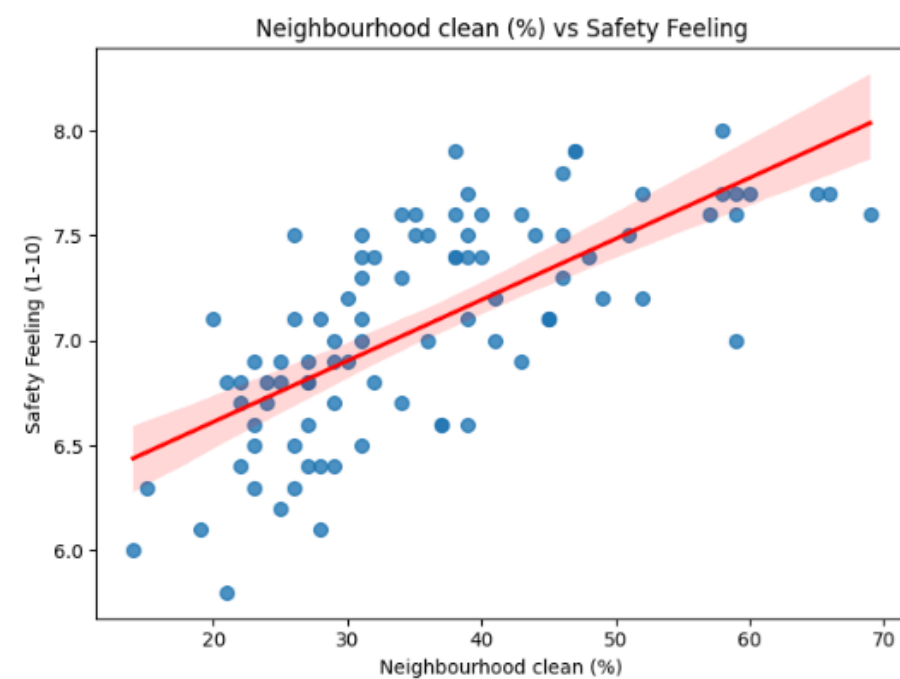
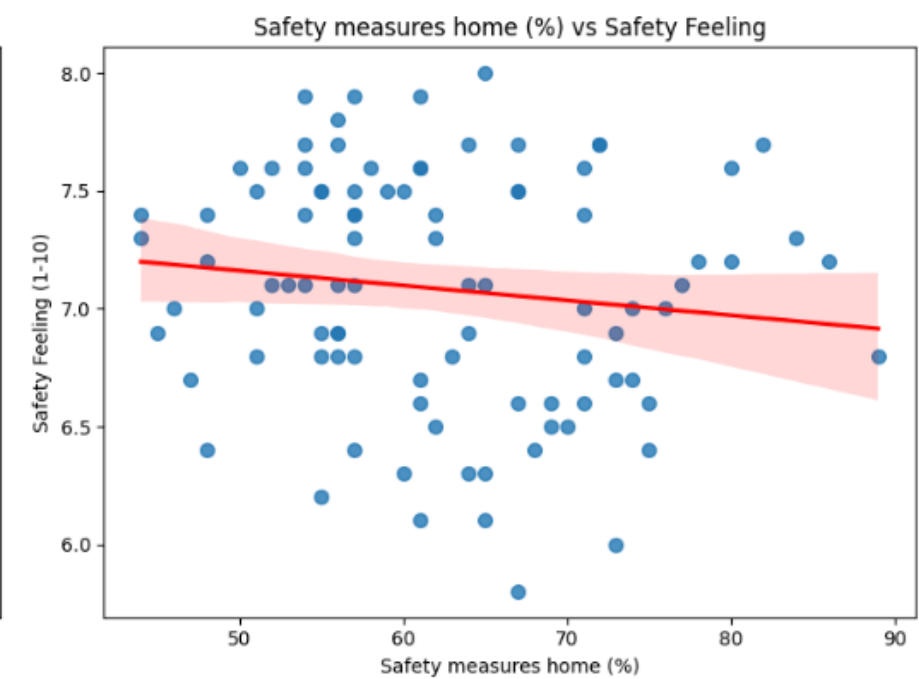
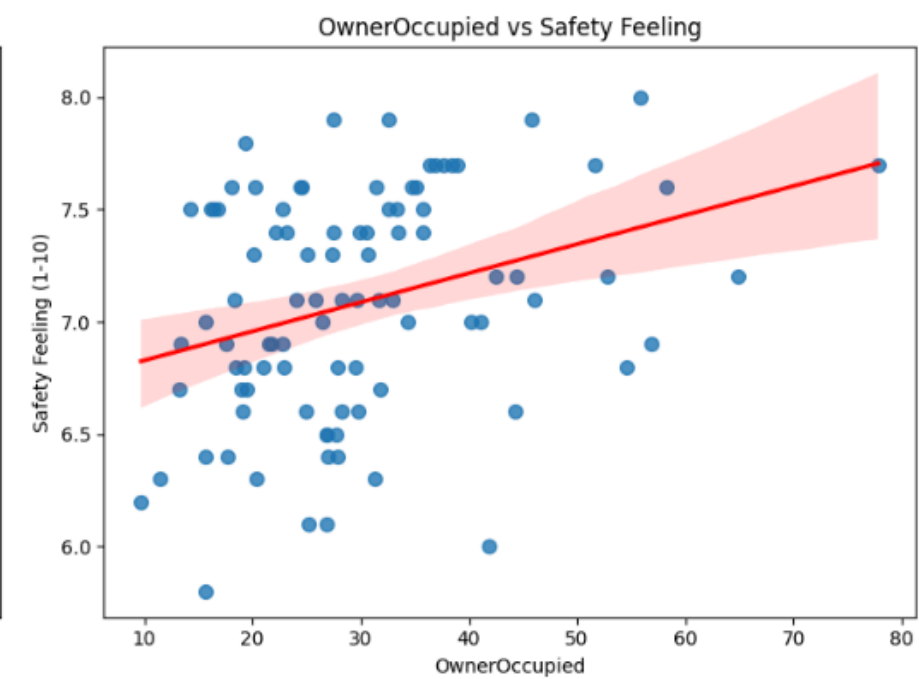
Property: % Private rent

Property: % Owner-occupied

Safety index: registered crime index

Safety measures home (%)





OLS Regression Results							
Dep. Variable:	Safety neighbourhood (1-10)			R-squared:	0.722 <div></div>		
Model:	OLS			Adj. R-squared:	0.674		
Method:	Least Squares			F-statistic:	15.02 <div></div>		
Date:	Wed, 16 Oct 2024			Prob (F-statistic):	1.19e-11		
Time:	13:54:28			Log-Likelihood:	1.1538		
No. Observations:	62			AIC:	17.69		
Df Residuals:	52			BIC:	38.96		
Df Model:	9						
Covariance Type:	nonrobust						
		<div></div> coef	std err	t	<div></div> P> t	[0.025	0.975]
	const	149.1119	66.542	2.241	0.029	15.585	282.639
Property: % Housing corporation		-1.4148	0.666	-2.124	0.038	-2.751	-0.078
Property: % Private rent		-1.4098	0.666	-2.116	0.039	-2.747	-0.073
OwnerOccupied		-1.4098	0.666	-2.116	0.039	-2.747	-0.073
Municipality_residents		0.0027	0.005	0.531	0.598	-0.007	0.013
Safety index: registered crime index		-0.0002	0.001	-0.155	0.878	-0.003	0.002
Safety measures home (%)		-0.0167	0.006	-2.998	0.004	-0.028	-0.006
Neighbourhood clean (%)		0.0156	0.006	2.686	0.010	0.004	0.027
Neighbourhood dirty (%)		-0.0191	0.008	-2.471	0.017	-0.035	-0.004
Area: % green		-0.0019	0.003	-0.684	0.497	-0.008	0.004
Omnibus:	1.515	Durbin-Watson:	2.041				
Prob(Omnibus):	0.469	Jarque-Bera (JB):	1.442				
Skew:	-0.262	Prob(JB):	0.486				
Kurtosis:	2.468	Cond. No.	3.07e+05 <div></div>				

CONCLUSION

Healthy balance in housing tenure mix

Distribution of social housing all over the city

Regulate private rental market

Encourage home ownership

Importance to keep neighbourhoods clean

Waste policy regulations

Regular street cleaning

Education and awareness