

Appendix 6. Logistic regression used to test for sampling bias based on land size and land-use zoning restrictions

Logistic regression to determine whether parcel size and land-use zoning differed between parcels that were owned by respondents to our survey and landowners who did not participate in the study. Landowners who did not participate in the study included landowners who were absentee landowners, who refused to participate in our survey, or could not be identified.

Variable	Estimate	S.E.	z value	P-value
Land size	-0.027	0.119	-0.225	0.822
Red land-use zone	-0.513	0.173	-2.970	0.003 **
Red-Yellow land-use zone	-0.158	0.359	-0.439	0.661
Yellow land-use zone	-0.435	0.209	-2.078	0.038 *
Yellow-Green land-use zone	-16.703	1733.148	-0.010	0.992
Green land-use zone	0.226	0.443	0.509	0.611
Log likelihood		-425.953		
Observations		263		
Goodness-of-fit χ^2		0.999		

** 1% significance level.

* 5% significance level.