

S5 Table. Results of county-level post hoc analyses using general linear mixed modeling to quantify associations between the incidence of Lyme disease and human monocytic ehrlichiosis with four housing vacancy type variables.

Variable	Lyme disease		Human monocytic ehrlichiosis	
	Coefficient, SE	P value	Coefficient, SE	P value
Percent of housing units vacant, for rent	-0.1275, 0.0340	<0.0001	-0.2423, 0.0425	<0.0001
Percent of housing units vacant, for sale	-0.0143, 0.0371	0.6993	0.0847, 0.0457	0.6400
Percent of housing units vacant, for seasonal use	0.2307, 0.0285	<0.0001	0.2151, 0.0432	<0.0001
Percent of housing units vacant, for other use	-0.2839, 0.0473	<0.0001	0.0837, 0.0544	<0.0001