

Linear Mixed Effects: individual worker site fidelity in each nest shape

Coefficient	Scaled Fidelity Zone					Fidelity Zone (cm²)					Scaled Occurrence Zone					Occurrence Zone (cm²)				
	$\beta$	SE	df	T	P	$\beta$	SE	df	T	P	$\beta$	SE	df	T	P	$\beta$	SE	df	T	P
Intercept	1.672	0.123	377	13.562	<0.001	0.222	0.059	377	3.797	<0.001	5.937	0.187	377	31.745	<0.001	0.783	0.232	377	3.373	0.001
Nest	-0.134	0.145	377	-0.925	0.356	-0.020	0.043	377	-0.455	0.649	-0.075	0.211	377	-0.357	0.721	-0.022	0.071	377	-0.315	0.753
Density	-0.318	0.161	377	-1.970	0.050	0.146	0.083	377	1.768	0.078	0.290	0.247	377	1.176	0.240	0.809	0.337	377	2.399	0.017
Nest:Density	0.131	0.185	377	0.706	0.481	0.038	0.056	377	0.677	0.499	-0.237	0.270	377	-0.877	0.381	-0.104	0.091	377	-1.145	0.253
Random Effects																				
Residual	0.68					0.06					1.44					0.15				
Intercept	0.02 AntID					0.00 AntID					0.05 AntID					0.00 AntID				
N	0.04 Colony					0.02 Colony					0.10 Colony					0.50 Colony				
	19 Colony					19 Colony					19 Colony					19 Colony				
	228 AntID					228 AntID					228 AntID					228 AntID				
Observations	384					384					384					384				
Marginal R² / Conditional R²	0.022 / 0.097					0.069 / 0.356					0.015 / 0.108					0.473 / 0.473				