

Linear Mixed Effects: individual worker site fidelity v. scaled distance to the brood center

	Scaled Fidelity Zone					Fidelity Zone (cm²)					Scaled Occurrence Zone					Occurrence Zone (cm²)				
<i>Coeffcient</i>	<i>Est.</i>	<i>SE</i>	<i>df</i>	<i>T</i>	<i>P</i>	<i>Est.</i>	<i>SE</i>	<i>df</i>	<i>T</i>	<i>P</i>	<i>Est.</i>	<i>SE</i>	<i>df</i>	<i>T</i>	<i>P</i>	<i>Est.</i>	<i>SE</i>	<i>df</i>	<i>T</i>	<i>P</i>
Intercept	0.105	0.093	374	1.131	0.259	0.105	0.093	374	1.131	0.259	-0.004	0.162	374	-0.026	0.979	-0.004	0.162	374	-0.026	0.979
Nest	-0.185	0.104	374	-1.777	0.076	-0.185	0.104	374	-1.777	0.076	0.089	0.173	374	0.518	0.605	0.089	0.173	374	0.518	0.605
ColonySize	0.002	0.001	374	3.215	0.001	0.002	0.001	374	3.215	0.001	0.009	0.001	374	8.042	<0.001	0.009	0.001	374	8.042	<0.001
MeanToBrood	-0.650	0.660	374	-0.986	0.325	-0.650	0.660	374	-0.986	0.325	-0.071	1.062	374	-0.067	0.947	-0.071	1.062	374	-0.067	0.947
Density	-0.029	0.083	374	-0.353	0.724	-0.029	0.083	374	-0.353	0.724	0.025	0.165	374	0.150	0.881	0.025	0.165	374	0.150	0.881
Nest:ColonySize	0.001	0.001	374	0.906	0.366	0.001	0.001	374	0.906	0.366	-0.002	0.001	374	-2.305	0.022	-0.002	0.001	374	-2.305	0.022
Nest:MeanToBrood	0.875	0.681	374	1.286	0.199	0.875	0.681	374	1.286	0.199	0.493	1.095	374	0.450	0.653	0.493	1.095	374	0.450	0.653
ColonySize:Density	0.002	0.001	374	2.619	0.009	0.002	0.001	374	2.619	0.009	0.008	0.001	374	6.039	<0.001	0.008	0.001	374	6.039	<0.001
Random Effects																				
σ²	0.06					0.06					0.15					0.15				
τ₀₀	0.00 _{Colony}					0.00 _{Colony}					0.01 _{Colony}					0.01 _{Colony}				
N	19 _{Colony}					19 _{Colony}					19 _{Colony}					19 _{Colony}				
Observations	384					384					384					384				
Marginal R² / Conditional R²	0.345 / 0.352					0.345 / 0.352					0.803 / 0.813					0.803 / 0.813				