

Linear Mixed Effects: colony member scaled distances to the nest entrance

Workers						Brood					Queens					Alates				
Coefficient	Est.	SE	df	T	P	Est.	SE	df	T	P	Est.	SE	df	T	P	Est.	SE	df	T	P
Intercept	0.161	0.010	30239.000	16.656	<0.001	0.192	0.016	59451.000	11.977	<0.001	0.193	0.024	1033.000	8.109	<0.001	0.298	0.089	998.000	3.348	0.001
Nest	0.279	0.004	30239.000	77.655	<0.001	0.225	0.002	59451.000	90.656	<0.001	0.262	0.017	1033.000	15.236	<0.001	0.566	0.044	998.000	12.814	<0.001
Density	-0.021	0.013	30239.000	-1.569	0.117	-0.028	0.022	59451.000	-1.234	0.217	0.002	0.029	1033.000	0.072	0.943					
Day	0.001	0.000	30239.000	4.685	<0.001	0.001	0.000	59451.000	3.256	0.001	-0.001	0.001	1033.000	-0.998	0.318	-0.009	0.003	998.000	-3.488	0.001
Corner	-0.082	0.003	30239.000	-30.664	<0.001	0.048	0.002	59451.000	23.976	<0.001	0.082	0.015	1033.000	5.518	<0.001	-0.026	0.016	998.000	-1.660	0.097
Nest:Density	0.053	0.004	30239.000	12.024	<0.001	0.078	0.003	59451.000	27.961	<0.001	-0.009	0.019	1033.000	-0.491	0.623					
Sex																-0.064	0.019	998.000	-3.362	0.001
SexRatio																-0.077	0.072	998.000	-1.073	0.283
Random Effects																				
σ²	0.04					0.03					0.02					0.05				
τ₀₀	0.00	Colony				0.00	Colony				0.00	Colony				0.02	Colony			
N	20	Colony				20	Colony				20	Colony				7	Colony			
Observations	30247					59459					1041					1006				
Marginal R² / Conditional R²	0.337 / 0.352					0.439 / 0.487					0.494 / 0.557					0.451 / 0.623				