

Linear Mixed Effects: colony member scaled distances to the brood center

Coefficient	Workers					Queens					Alates				
	Est.	SE	df	T	P	Est.	SE	df	T	P	Est.	SE	df	T	P
Intercept	0.098	0.007	26726	14.448	<0.001	0.054	0.016	934	3.414	0.001	0.100	0.039	669	2.582	0.010
Nest	0.125	0.002	26726	61.379	<0.001	0.127	0.009	934	13.683	<0.001	0.216	0.017	669	12.417	<0.001
Density	-0.009	0.009	26726	-0.951	0.341	0.028	0.019	934	1.519	0.129					
Day	0.000	0.000	26726	1.119	0.263	-0.002	0.001	934	-1.719	0.086	-0.004	0.002	669	-1.957	0.051
Nest:Density	0.030	0.003	26726	10.488	<0.001	-0.016	0.014	934	-1.180	0.238					
Sex											0.044	0.015	669	2.939	0.003
SexRatio											-0.017	0.043	669	-0.396	0.692
Random Effects															
σ²	0.01					0.01					0.02				
τ₀₀	0.00	Colony				0.00	Colony				0.00	Colony			
N	20	Colony				20	Colony				7	Colony			
Observations	26733					941					676				
Marginal R² / Conditional R²	0.268 / 0.291					0.249 / 0.325					0.339 / 0.344				