

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	0.150	0.010	30240	15.407	<0.001	0.193	0.017	59452	11.635	<0.001	0.195	0.025	1027	7.955	<0.001	0.297	0.090	999	3.312	0.001
Nest	0.230	0.003	30240	70.377	<0.001	0.258	0.002	59452	124.010	<0.001	0.324	0.013	1027	24.696	<0.001	0.559	0.044	999	12.688	<0.001
Density	-0.021	0.013	30240	-1.590	0.112	-0.028	0.023	59452	-1.213	0.225	0.001	0.031	1027	0.018	0.986					
Day	0.001	0.000	30240	4.409	<0.001	0.001	0.000	59452	3.338	0.001	-0.001	0.001	1027	-1.079	0.281	-0.009	0.003	999	-3.515	<0.001
Nest:Density	0.061	0.004	30240	13.488	<0.001	0.072	0.003	59452	25.861	<0.001	-0.022	0.020	1027	-1.127	0.260					
Sex																-0.065	0.019	999	-3.428	0.001
SexRatio																-0.080	0.072	999	-1.119	0.263
Random Effects																				
σ²	0.04					0.03					0.02					0.05				
τ₀₀	0.00	Colony				0.00	Colony				0.00	Colony				0.03	Colony			
N	20	Colony				20	Colony				20	Colony				7	Colony			
Observations	30247					59459					1034					1006				
Marginal R² /	0.317 / 0.332					0.433 / 0.484					0.477 / 0.545					0.449 / 0.627				
Conditional R²																				