

Linear Mixed Effects: colony member proportions within nest sections

Coefficient	Workers					Brood					Queens					Alates				
	Est.	SE	df	T	P	Est.	SE	df	T	P	Est.	SE	df	T	P	Est.	SE	df	T	P
Intercept	0.145	0.009	3181	16.566	<0.001	-0.127	0.013	3173	-9.489	<0.001	-0.161	0.031	3181	-5.157	<0.001	0.363	0.060	446	6.073	<0.001
NestSect	-0.006	0.004	3181	-1.438	0.151	0.090	0.006	3173	14.888	<0.001	0.118	0.014	3181	8.331	<0.001	-0.083	0.027	446	-3.028	0.003
NestSect2	0.000	0.000	3181	0.294	0.769	-0.006	0.001	3173	-9.596	<0.001	-0.010	0.001	3181	-6.479	<0.001	0.006	0.003	446	1.924	0.055
Nest	0.107	0.010	3181	10.486	<0.001	0.086	0.016	3173	5.487	<0.001	0.073	0.037	3181	2.003	0.045	-0.192	0.069	446	-2.787	0.006
Density	0.000	0.003	3181	0.000	1.000	0.000	0.004	3173	0.000	1.000	0.000	0.009	3181	0.000	1.000					
Day	0.000	0.000	3181	0.000	1.000	0.000	0.001	3173	0.000	1.000	0.000	0.001	3181	0.000	1.000	-0.000	0.003	446	-0.000	1.000
Corner	0.019	0.004	3181	5.502	<0.001	0.027	0.005	3173	5.019	<0.001	0.029	0.013	3181	2.261	0.024	-0.054	0.023	446	-2.340	0.020
NestSect:Nest	-0.040	0.006	3181	-7.358	<0.001	0.009	0.008	3173	1.016	0.310	0.001	0.020	3181	0.048	0.962	0.052	0.037	446	1.414	0.158
NestSect2:Nest	0.003	0.001	3181	4.316	<0.001	-0.005	0.001	3173	-5.974	<0.001	-0.004	0.002	3181	-1.701	0.089	-0.001	0.004	446	-0.150	0.881
Random Effects																				
σ²	0.01					0.01					0.07					0.03				
τ₀₀	0.00 Colony					0.00 Colony					0.00 Colony					0.00 Colony				
N	20 Colony					20 Colony					20 Colony					7 Colony				
Observations	3192					3184					3192					456				
Marginal R² / Conditional R²	0.235 / 0.235					0.285 / 0.285					0.070 / 0.070					0.097 / 0.097				