

Linear Mixed Effects: colony member proportions within nest sections

	Workers					Brood					Queens					Alates				
Coeffcient	β	SE	df	T	P	β	SE	df	T	P	β	SE	df	T	P	β	SE	df	T	P
Intercept	0.133	0.011	3176	11.917	<0.001	-0.151	0.017	3168	-8.854	<0.001	-0.186	0.040	3176	-4.658	<0.001	0.363	0.060	446	6.073	<0.001
NestSect	-0.001	0.005	3176	-0.193	0.847	0.091	0.008	3168	11.275	<0.001	0.124	0.019	3176	6.481	<0.001	-0.083	0.027	446	-3.028	0.003
NestSect2	-0.000	0.001	3176	-0.375	0.708	-0.005	0.001	3168	-6.286	<0.001	-0.010	0.002	3176	-4.784	<0.001	0.006	0.003	446	1.924	0.055
Nest	0.151	0.014	3176	10.661	<0.001	0.105	0.022	3168	4.846	<0.001	0.079	0.051	3176	1.550	0.121	-0.192	0.069	446	-2.787	0.006
Density	0.025	0.014	3176	1.767	0.077	0.047	0.022	3168	2.190	0.029	0.051	0.051	3176	1.001	0.317					
Day	0.000	0.000	3176	0.000	1.000	0.000	0.001	3168	0.000	1.000	0.000	0.001	3176	0.000	1.000	-0.000	0.003	446	-0.000	1.000
Corner	0.019	0.004	3176	5.541	<0.001	0.027	0.005	3168	5.060	<0.001	0.029	0.013	3176	2.260	0.024	-0.054	0.023	446	-2.340	0.020
NestSect:Nest	-0.056	0.007	3176	-7.462	<0.001	0.016	0.011	3168	1.426	0.154	0.004	0.027	3176	0.158	0.874	0.052	0.037	446	1.414	0.158
NestSect2:Nest	0.003	0.001	3176	4.334	<0.001	-0.008	0.001	3168	-6.122	<0.001	-0.004	0.003	3176	-1.526	0.127	-0.001	0.004	446	-0.150	0.881
NestSect:Density	-0.009	0.007	3176	-1.302	0.193	-0.003	0.011	3168	-0.239	0.811	-0.012	0.026	3176	-0.485	0.628					
NestSect2:Density	0.001	0.001	3176	0.864	0.388	-0.001	0.001	3168	-1.165	0.244	0.000	0.003	3176	0.079	0.937					
Nest:Density	-0.088	0.020	3176	-4.447	<0.001	-0.038	0.030	3168	-1.265	0.206	-0.012	0.072	3176	-0.163	0.871					
NestSect:Nest:Density	0.030	0.010	3176	2.980	0.003	-0.015	0.015	3168	-0.993	0.321	-0.007	0.036	3176	-0.184	0.854					
NestSect2:Nest:Density	-0.002	0.001	3176	-1.695	0.090	0.004	0.002	3168	2.513	0.012	0.002	0.004	3176	0.414	0.679					
Random Effects																				
Residual	0.01					0.01					0.07					0.03				
Intercept	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 R ² / Conditional R ²	0.246 / 0.246					0.297 / 0.297					0.071 / 0.071					0.097 / 0.097				