

Effect	Estimate	Standard Error	t Value	Pr > t
Intercept	-11.5390	0.3921	-29.43	<0.0001
Collaborator C1	-2.2587	0.5681	-3.98	<0.0001
Collaborator C2	0.0000	n.a.	n.a.	n.a.
Weekday 1	-0.0671	0.2256	-0.30	0.7663
Weekday 2	0.5713	0.2105	2.71	0.0066
Weekday 3	1.1023	0.2139	5.15	<0.0001
Weekday 4	1.5854	0.2116	7.49	<0.0001
Weekday 5	0.3004	0.2109	1.42	0.1544
Weekday 6	0.0120	0.2184	0.05	0.9563
Weekday 7	0.0000	n.a.	n.a.	n.a.
Season Fall	0.0219	0.1584	0.14	0.8902
Season Spring	0.4246	0.1562	2.72	0.0066
Season Summer	0.4826	0.1564	3.09	0.0020
Season Winter	0.0000	n.a.	n.a.	n.a.
Dam Age	0.0083	0.0012	7.25	<0.0001
Litter Size ^a	-0.2233	0.0228	-9.78	<0.0001
Litter Size ^a 2 ^a	0.0814	0.0055	14.80	<0.0001
Sibling Number	0.02873	0.0396	0.73	0.4676
Sibling Age	-0.0143	0.0194	-0.74	0.4618
Sibling Number*Sibling Age	0.0181	0.0029	6.29	<0.0001
Collaborator C1*Sibling Age	0.5338	0.0217	24.61	<0.0001
Collaborator C2*Sibling Age	0.0000	n.a.	n.a.	n.a.
Collaborator C1*Sibling Number	0.4587	0.0464	9.88	<0.0001
Collaborator C2*Sibling Number	0.0000	n.a.	n.a.	n.a.
Collaborator C1*Litter Size ^a	0.2170	0.0502	4.33	<0.0001
Collaborator C2*Litter Size ^a	0.0000	n.a.	n.a.	n.a.
Collaborator C1* Season Fall	0.5386	0.3721	1.45	0.1478
Collaborator C1* Season Spring	-0.420	0.3566	-0.12	0.9063
Collaborator C1* Season Summer	-0.7081	0.3697	-1.92	0.0554
Collaborator C1* Season Winter	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Season Fall	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Season Spring	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Season Summer	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Season Winter	0.0000	n.a.	n.a.	n.a.
Collaborator C1* Weekday Sunday	0.9696	0.5306	1.83	0.0676
Collaborator C1* Weekday Monday	-0.7351	0.4891	-1.50	0.1328
Collaborator C1* Weekday Tuesday	-0.4743	0.5124	-0.93	0.3546
Collaborator C1* Weekday Wednesday	-2.0820	0.4996	-4.17	<0.0001
Collaborator C1* Weekday Thursday	-0.6480	0.5063	-1.28	0.2006
Collaborator C1* Weekday Friday	-0.0665	0.5011	-0.13	0.8944
Collaborator C1* Weekday Saturday	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Weekday Sunday	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Weekday Monday	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Weekday Tuesday	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Weekday Wednesday	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Weekday Thursday	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Weekday Friday	0.0000	n.a.	n.a.	n.a.
Collaborator C2* Weekday Saturday	0.0000	n.a.	n.a.	n.a.

Type III (Partial) Tests of Fixed Effects			
Effect	Num DF	F Value	Pr > F
Collaborator	1	47.32	<0.0001
Weekday	6	3.96	0.0006
Season	3	1.96	0.1183
Dam Age	1	52.54	<0.0001
Litter Size^a	1	17.40	<0.0001
Litter Size^a^2^a	1	219.15	<0.0001
Sibling Number	1	40.91	<0.0001
Sibling Age	1	135.48	<0.0001
Sibling Number*Sibling Age	1	39.61	<0.0001
Collaborator*Sibling Age	1	605.64	<0.0001
Collaborator*Sibling Number	1	97.59	<0.0001
Collaborator*Litter Size	1	18.72	<0.0001
Collaborator*Season	3	3.80	0.0098
Collaborator*Weekday	6	7.22	<0.0001

n.a.=not applicable.

^aVariable Litter Size was centered by its mean.