

*Supplementary Material – Appendix 6*

**Conflict and affiliative behavior frequency between cats in multiple cat households, a survey-based study**

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**Chi Square Test of Independence (Results included in Table 10)**

- S10.1 – Flee and Introduction
- S10.2 – Chase and Introduction
- S10.3 – Stalk and Introduction
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- S10.5 – Hiss and Introduction
- S10.6 – Twitch Tail and Introduction
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**Table S10.1 – Flee and Introduction**

*Observed and Expected Frequencies*

Flee	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	402[354.99]	70[117.01]	43.52	4	< .001
Once a month or less	196[196.30]	65[64.70]			
Weekly	223[237.67]	93[78.33]			
Daily	193[216.61]	95[71.39]			
Several times a day	57[65.43]	30[21.57]			

*Note.* Values formatted as Observed[Expected].

**Table S10.2 – Chase and Introduction**

*Observed and Expected Frequencies*

Chase	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	210[189.53]	42[62.47]	12.17	4	.016
Once a month or less	153[150.42]	47[49.58]			
Weekly	294[306.11]	113[100.89]			
Daily	303[311.37]	111[102.63]			
Several times a day	111[113.57]	40[37.43]			

*Note.* Values formatted as Observed[Expected].

**Table S10.3 – Stalk and Introduction**  
*Observed and Expected Frequencies*

Stalk	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	327[301.59]	74[99.41]	21.38	4	< .001
Once a month or less	173[165.46]	47[54.54]			
Weekly	264[267.00]	91[88.00]			
Daily	224[248.95]	107[82.05]			
Several times a day	83[88.00]	34[29.00]			

*Note.* Values formatted as Observed[Expected].

**Table S10.4 – Stare and Introduction**  
*Observed and Expected Frequencies*

Stare	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	280[251.20]	54[82.80]	24.65	4	< .001
Once a month or less	153[145.16]	40[47.84]			
Weekly	221[225.63]	79[74.37]			
Daily	295[316.64]	126[104.36]			
Several times a day	122[132.37]	54[43.63]			

*Note.* Values formatted as Observed[Expected].

**Table S10.5 – Hiss and Introduction**  
*Observed and Expected Frequencies*

Hiss	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	458[409.90]	87[135.10]	71.81	4	< .001
Once a month or less	309[303.85]	95[100.15]			
Weekly	193[206.08]	81[67.92]			
Daily	90[117.33]	66[38.67]			
Several times a day	21[33.84]	24[11.16]			

*Note.* Values formatted as Observed[Expected].

**Table S10.6 – Twitch Tail and Introduction**  
*Observed and Expected Frequencies*

Twitch Tail	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	343[315.88]	77[104.12]	24.43	4	< .001
Once a month or less	243[233.15]	67[76.85]			
Weekly	276[288.81]	108[95.19]			
Daily	161[175.99]	73[58.01]			
Several times a day	48[57.16]	28[18.84]			

*Note.* Values formatted as Observed[Expected].

**Table S10.7 – Wail and Introduction**  
*Observed and Expected Frequencies*

Wail	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	825[802.50]	242[264.50]	15.90	4	.003
Once a month or less	139[148.17]	58[48.83]			
Weekly	73[78.97]	32[26.03]			
Daily	27[29.33]	12[9.67]			
Several times a day	7[12.03]	9[3.97]			

*Note.* Values formatted as Observed[Expected].

**Table S10.8 – Nose Touching and Introduction**  
*Observed and Expected Frequencies*

Nose Touching	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	138[174.49]	94[57.51]	47.93	4	< .001
Once a month or less	136[146.66]	59[48.34]			
Weekly	247[235.41]	66[77.59]			
Daily	336[321.15]	91[105.85]			
Several times a day	214[193.29]	43[63.71]			

*Note.* Values formatted as Observed[Expected].

**Table S10.9 – Allogroom and Introduction**  
*Observed and Expected Frequencies*

Allogroom	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	225[288.81]	159[95.19]	83.36	4	< .001
Once a month or less	126[126.35]	42[41.65]			
Weekly	213[196.30]	48[64.70]			
Daily	242[224.13]	56[73.87]			
Several times a day	265[235.41]	48[77.59]			

*Note.* Values formatted as Observed[Expected].

**Table S10.10 – Sleep Same Room and Introduction**  
*Observed and Expected Frequencies*

Sleep Same Room	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	19[41.37]	36[13.63]	71.97	4	< .001
Once a month or less	36[41.37]	19[13.63]			
Weekly	86[98.53]	45[32.47]			
Daily	336[339.20]	115[111.80]			
Several times a day	594[550.54]	138[181.46]			

*Note.* Values formatted as Observed[Expected].

**Table S10.11 – Sleep Touching and Introduction**  
*Observed and Expected Frequencies*

Sleep Touching	Intro_C2_to_House		$\chi^2$	df	p
	Good	Bad			
Never	269[327.92]	167[108.08]	71.19	4	< .001
Once a month or less	179[182.01]	63[59.99]			
Weekly	200[182.76]	43[60.24]			
Daily	176[160.20]	37[52.80]			
Several times a day	247[218.11]	43[71.89]			

*Note.* Values formatted as Observed[Expected].