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Table 1: Table showing significant demographic influences on responses to the question “can animals experience the following emotions?” Significance of odds ratios: * $p < 0.0001$; ** $p < 0.005$; *** $p < 0.05$

Can Animals Experience Emotions?											
Model Diagnostics			Demographic variable								
Log-Likelihood P-Value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Companion Animal Owner (n=695)	Non Companion Animal Owner (n=304)	Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)			
<0.0001	0.2	1	Yes	677	277						
			No	12	15	2.77	3.37 (1.43-7.95)***	3.2 (1.4-7.1)			
			Don't know	6	12	2.51	4.27 (1.37-13.3)***	4.2 (1.4-12.0)			
Can Animals Experience Depression?											
Model Diagnostics			Demographic variable								
Log-Likelihood P-Value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Companion Animal Owner (n=683)	Non Companion Animal Owner (n=289)	Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)			
<0.0001	0.62	0.6	Yes	507	175						
			No	106	62	2.29	1.62 (1.07-2.46)***	1.5 (1.1-2.0)			
			Don't know	70	52	2.39	1.74 (1.10-2.73)***	1.6 (1.1-2.3)			
			Age (mean ± std)					Coefficient (Z)	Odds Ratio (CI)		
			Yes	113.67±52.97							
			No	28±17.3			-2.33	0.85 (0.74-0.98)***			
			Don't know	20.33±3.93			3.53	1.28 (1.12-1.47)*			
Can Animals Experience Love?											
Model Diagnostics			Demographic variable								
Log-Likelihood P-Value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Age (mean ± std)		Coefficient (Z)	Odds Ratio (CI)				
0.002	0.198	1	Yes	137.17±55.86							
			No	16.5±9.79		-2.17	0.83 (0.7-0.98)***				
			Don't know	8.33±3.88							
						Urban (n=258)	Suburban (n=691)	Rural (n=95)	Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)
			Yes	204	541	78					
			No	39	48	12	2.35	1.79 (1.10-2.92)***	1.7 (1.1-2.5)		

			Don't know	15	30	5		
Can Animals Experience Distress?								
Model Diagnostics				Demographic variable				
Log-Likelihood P-Value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Companion Animal Owner (n=683)	Non Companion Animal Owner (n=289)	Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)
<0.0001	0.984	1	Yes	663	265			
			No	14	10			
			Don't know	6	14	3.21	5.83 (1.98-17.11)**	5.3 (1.9-12.8)
			Age (mean ± std)		Coefficient (Z)	Odds Ratio (CI)		
			Yes	154.67±60.41				
			No	4±5.1		-2.7	0.47 (0.28-0.82)***	
			Don't know	3.33±2.94		-2.06	0.64 (0.41-0.98)**	
Can Animals Experience Happiness?								
Model Diagnostics				Demographic variable				
Log-Likelihood P-Value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Age (mean ± std)		Coefficient (Z)	Odds Ratio (CI)	
0.044	0.987	1	Yes	156.17±66.7				
			No	2.67±2.5				
			Don't know	3±1.41		2.82	1.7 (1.18-2.46)**	
Can Animals Experience Anxiety?								
Model Diagnostics				Demographic variable				
Log-Likelihood P-Value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Companion Animal Owner (n=683)	Non Companion Animal Owner (n=289)	Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)
<0.0001	0.996	1	Yes	624	223			
			No	36	31	3.88	2.98(1.72-5.16)*	2.7 (1.7-4.6)
			Don't know	23	35	4.12	3.76 (2-7.07)*	3.4 (1.9-5.8)
			Age (mean ± std)		Coefficient (Z)	Odds Ratio (CI)		
			Yes	141.75±55.81				
			No	11.17±10.68		-3.08	0.72 (0.59-0.89)**	
			Don't know	9.67±2.73				

Can Animals Experience Sadness?						
Model Diagnostics			Demographic variable			
Log-Likelihood P-Value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Age (mean ± std)	Coefficient (Z)	Odds Ratio (CI)
<0.0001	0.892	1	Yes	149.67±67.12		
			No	8.17±4.96		
			Don't know	4.17±3.66	4.63	2 (1.49-2.68)*

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Table 3: Table showing significant demographic influences on responses to the question “how are each of the following behaviours affected by grief in animals – is there a change or is there no change?” Significance of odds ratios: * $p < 0.0001$; ** $p < 0.005$; *** $p < 0.05$

Will There Be A Change To Eating Behaviour When An Animal Grieves?									
Model Diagnostics			Demographic variable						
Log-Likelihood P-value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Companion Animal Owner (n=640)	Non Companion Animal Owner (n=261)		Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)
0.002	0.784	1	Yes	607	228				
			No	29	22		2.3	2.22 (1.13-4.37)***	2.1 (1.12-3.79)
			Don't know	4	11		2.13	3.94 (1.11-13.94)***	3.9 (1.11-12.85)
				Urban (n=237)	Suburban (n=578)	Rural (n=86)	Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)
			Yes	220	538	77			
			No	11	31	9	2.39	3.53 (1.26-9.94)***	3.2 (1.24-6.67)
			Don't know	6	9	0			
Will There Be A Change To Play Behaviour When An Animal Grieves?									
Model Diagnostics			Demographic variable						
Log-Likelihood P-value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Companion Animal Owner (n=640)	Non Companion Animal Owner (n=261)		Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)
0.008	0.981	1	Yes	609	236				
			No	23	15				
			Don't know	8	10		2.08	3.03 (1.07-8.64)***	3.0 (1.07-6.67)
				Urban (n=237)	Suburban (n=578)	Rural (n=86)	Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)
			Yes	218	548	79			
			No	14	17	7	2.56	3.79 (1.36-10.51)***	3.4 (1.34-7.67)
			Don't know	5	13	0			
Will There Be A Change To The Performance of Vocalisations When An Animal Grieves?									
Model Diagnostics			Demographic variable						
Log-Likelihood P-value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Age (mean \pm std)		Coefficient (Z)	Odds Ratio (CI)		
0.038	0.248	1	Yes	132 \pm 58.38					
			No	12.67 \pm 7.99					
			Don't know	5.5 \pm 1.22		2.39	1.35 (1.06-1.72)***		
Will There Be A Change To Attention-Seeking Behaviour When An Animal Grieves?									

Model Diagnostics			Demographic variable								
Log-Likelihood P-value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Companion Animal Owner (n=640)	Non Companion Animal Owner (n=261)		Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)		
0.007	0.639	1	Yes	557	211						
			No	62	25						
			Don't know	21	25		2.77	2.56 (1.32-4.99)**	2.4 (1.3-4.36)		
						Age (mean ± std)		Coefficient (Z)	Odds Ratio (CI)		
			Yes				128±60.36				
			No				14.5±8.34				
			Don't know	7.67±1.63		2.55	1.31 (1.06-1.61)***				
Will There Be A Change To Sleeping Behaviour When An Animal Grieves?											
Model Diagnostics			Demographic variable								
Log-Likelihood P-value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Age (mean ± std)		Coefficient (Z)	Odds Ratio (CI)				
<0.0001	0.351	0.993	Yes	116.67±60.65							
			No	13.33±5.24							
			Don't know	20.17±10.4		5.02	1.52 (1.29-1.80)*				
Will There Be A Change To Hiding Behaviour When An Animal Grieves?											
Model Diagnostics			Demographic variable								
Log-Likelihood P-value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Age (mean ± std)			Coefficient (Z)	Odds Ratio (CI)			
0.023	0.581	1	Yes	122.67±59.45							
			No	18.17±8.47							
			Don't know	9.33±3.39			3.15	1.35 (1.12-1.62)**			
						Urban (n=237)	Suburban (n=578)	Rural (n=86)	Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)
			Yes	184	485	67					
			No	38	57	14	2.38	1.80 (1.11-3.75)***	1.6 (1.1-2.84)		
			Don't know	15	36	5					

Table 4: Table showing significant demographic influences on responses to the questions "in which of the following situations do you believe social animals grieve?" Significance of odds ratios: * $p < 0.0001$; ** $p < 0.005$; *** $p < 0.05$

Separation of Related Individuals									
Model Diagnostics			Demographic variable						
Log-Likelihood P-value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Age (mean ± std)		Coefficient (Z)	Odds Ratio (CI)		

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0.04	0.914	1	Yes	116.3±51.7					
			No	9.5±3.6			-2	0.86 (0.75-1)***	
			Don't know	24.3±15					
Separation of Animals Living Together									
Model Diagnostics			Demographic variable						
Log-Likelihood P-value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Companion Animal Owner (n=640)	Non Companion Animal Owner (n=261)		Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)
0.001	0.923	0.998	Yes	501	184				
			No	93	40				
			Don't know	46	37		2.38	1.88 (1.22-1.39)***	1.8 (1.2-1.35)
				Age (mean ± std)			Coefficient (Z)	Odds Ratio (CI)	
			Yes	114.2±54					
			No	13.8±4.6					
			Don't know	22.2±10.9			2.1	1.18 (1.12-1.39)***	
Loss of a Mating Partner									
Model Diagnostics			Demographic variable						
Log-Likelihood P-value	Pearson Chi-Squared	Deviance Chi-Squared	Question Response	Age (mean ± std)			Coefficient (Z)	Odds Ratio (CI)	
0.005	0.826	1	Yes	138.8±59.1					
			No	4.8±1.6			-1.99	0.74 (0.55-1)***	
			Don't know	8.7±8.7					
				Urban (n=237)	Suburban (n=578)	Rural (n=86)	Coefficient (Z)	Odds Ratio (CI)	Prevalence Ratio (CI)
			Yes	219	537	77			
			No	6	27	6			
			Don't know	12	14	3	2.15	2.56 (1.09-6.04)***	2.1 (1.09-5.32)