## **Table 1**. Online questionnaire given to cat owners (n = 8485).

Do you have any other pets in your house (e.g. dogs, birds, rodents)?  Do you allow your cat(s) to have outdoor access?  Have your cat(s) ever been involved in accidents when free-roaming, such as car accidents or dog attacks?  Have your cat(s) ever been mistreated when free-roaming?  Have you ever had a cat that was poisoned?  Have you ever had a missing cat that never came back home?  Have you ever had any cat infected by feline immunodeficiency virus (FIV) / Feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory feline leukemia virus (FeLV)?	Questions	Responses				
How old are you? What is your sex? What is your type of residence? How many cats live with you? Are you their owner / responsible for them? How did you get them?  Do you have any other pets in your house (e.g. dogs, birds, rodents)? Do you allow your cat(s) ever been involved in accidents when free-roaming? Have your cat(s) ever been mistreated when free-roaming? Have you ever had a cat that was poisoned? Have you ever had a missing cat that never came back home? Have you ever had any cat infected by feline leukemia virus (FeLV)? Have you ever had a cat with respiratory.  Open question  House ()  Apartment ()  Apartment ()  Farm ()  No ()  S/he came to us on her/his own ()  S/he was I bought her/him (a gift ())  S/he was I bought her/him ()  S/he was I bought her/him ()  S/he is indoor ()  S/he is indoor ()  S/he is indoor ()  Yes ()  No ()  Yes ()  No ()  I don't know what it is, but never examined ()	In which Brazilian state do you live?	Brazilian states ( )				
What is your sex?  What is your type of residence? How many cats live with you?  Are you their owner / responsible for them?  How did you get them?  Do you have any other pets in your house (e.g. dogs, birds, rodents)?  Do you allow your cat(s) to have outdoor access?  Have your cat(s) ever been involved in accidents when free-roaming, such as car accidents or dog attacks?  Have your cat(s) ever been mistreated when free-roaming?  Have you ever had a cat that was poisoned?  Have you ever had a missing cat that never came back home?  Have you ever had any cat infected by feline immunodeficiency virus (FIV) / feline leukemia virus (FeLV)?  What is your type of residence? House () Apartment () Farm ()  Apartment () Farm ()  Apartment () Farm ()  Apartment () Farm ()  Farm ()  No ()  S/he was I bought her/him (a sift () Farm ()  No ()  Yes () No ()  Yes () No ()  Yes () No ()  Yes () No ()  I don't know what it is, but never examined ()  Have you ever had a cat with respiratory.  Have you ever had a cat with respiratory.	·					
How many cats live with you?  Are you their owner / responsible for them?  Yes ()  S/he came to us on her/his own ()  Do you have any other pets in your house (e.g. dogs, birds, rodents)?  Do you allow your cat(s) to have outdoor access?  Have your cat(s) ever been involved in accidents when free-roaming, such as car accidents or dog attacks?  Have you ever had a cat that was poisoned? Have you ever had a missing cat that never came back home?  Have you ever had any cat infected by feline leukemia virus (FeLV)?  Have you ever had a cat with recriptory.  Are you their owner / responsible for them?  Yes ()  S/he came to us on her/him as a shelter ()  No ()  Yes ()  No ()  S/he was I bought a gift () her/him ()  S/he is indoor ()  S/he is indoor ()  S/he is indoor ()  Yes ()  No ()  Yes ()  No ()  I don't know what it is, but never examined ()  Have you ever had a cat with recriptory.  I way you ever had a cat with recriptory.			Male ( )			
Are you their owner / responsible for them?  How did you get them?  Do you have any other pets in your house (e.g. dogs, birds, rodents)?  Do you allow your cat(s) to have outdoor access?  Have your cat(s) ever been involved in accidents when free-roaming, such as car accidents or dog attacks?  Have your cat(s) ever been mistreated when free-roaming?  Have you ever had a cat that was poisoned?  Have you ever had a missing cat that never came back home?  Have you ever had any cat infected by feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory.		House ( ) Apartment	t() Farm()			
How did you get them?  S/he came to us on her/his own ()		Open question				
How did you get them?  Us on her/his own () stray () sher/him from a shelter () sher/him ()  Do you have any other pets in your house (e.g. dogs, birds, rodents)?  Do you allow your cat(s) to have outdoor access?  Have your cat(s) ever been involved in accidents when free-roaming, such as car accidents or dog attacks?  Have your cat(s) ever been mistreated when free-roaming?  Have you ever had a cat that was poisoned?  Have you ever had a missing cat that never came back home?  Have you ever had any cat infected by feline immunodeficiency virus (FIV) / feline leukemia virus (FeLV)?  Have you ever had a cat with reepiratory level of the respiratory of the property of the respiratory of the	Are you their owner / responsible for them?	` '	· ·			
(e.g. dogs, birds, rodents)?  Do you allow your cat(s) to have outdoor access?  Have your cat(s) ever been involved in accidents when free-roaming, such as car accidents or dog attacks?  Have your cat(s) ever been mistreated when free-roaming?  Have you ever had a cat that was poisoned?  Have you ever had a missing cat that never came back home?  Have you ever had any cat infected by feline immunodeficiency virus (FIV) / feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory.  Yes ()  No ()  No ()  Yes ()  No ()  Yes ()  No ()  I don't know what it is, but never what it is, but never examined ()	How did you get them?	us on her/his her/him as a	her/him from S/ne was 1 bought her/him ()			
Have your cat(s) ever been involved in accidents when free-roaming, such as car accidents or dog attacks?  Have your cat(s) ever been mistreated when free-roaming?  Have you ever had a cat that was poisoned?  Have you ever had a missing cat that never came back home?  Have you ever had any cat infected by feline immunodeficiency virus (FIV) / feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory what it is ()  Yes ()  No ()  Yes ()  No ()  I don't know what it is, but never what it is ()  Yes ()  No ()  Yes ()  No ()		Yes ( )	No ( )			
accidents when free-roaming, such as car accidents or dog attacks?  Have your cat(s) ever been mistreated when free-roaming?  Have you ever had a cat that was poisoned?  Have you ever had a missing cat that never came back home?  Have you ever had any cat infected by feline immunodeficiency virus (FIV) / feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory feline leukemia virus (FeLV)?  Yes ( )  No ( )  S/he is indoor ( )  No ( )  Yes ( )  No ( )  I don't know what it is, but never examined ( )	access?	Yes ( )	No ( )			
free-roaming?  Have you ever had a cat that was poisoned? Have you ever had a missing cat that never came back home?  Have you ever had any cat infected by feline immunodeficiency virus (FIV) / feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory.  Yes ( )  No ( )  No ( )  Yes ( )  No ( )  I don't know what it is, but never what it is ( )  examined ( )	accidents when free-roaming, such as car accidents or dog attacks?	Yes ( )	No ( ) S/he is indoor ( )			
Have you ever had a missing cat that never came back home?  Have you ever had any cat infected by feline immunodeficiency virus (FIV) / feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory what it is ()  No ()  I don't know I know what it is, but never what it is ()  examined ()	· · · · · · · · · · · · · · · · · · ·	Yes ( )	No ( ) S/he is indoor ( )			
came back home?  Have you ever had any cat infected by feline immunodeficiency virus (FIV) / feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory.  Have you ever had a cat with respiratory.	Have you ever had a cat that was poisoned?	Yes ( )	No ( )			
feline immunodeficiency virus (FIV) / feline leukemia virus (FeLV)?  Have you ever had a cat with respiratory	•	Yes ( )	No ( )			
Have you ever had a cat with respiratory Vac ( )	feline immunodeficiency virus (FIV) /	I Yes ( ) No ( )	•			
diseases, such as flu or rhinotracheitis?	diseases, such as flu or rhinotracheitis?	Yes ( ) No ( )	I don't know what it is ( )			
Have you ever had any cat infected with sporotrichosis?  Yes ( )  No ( )  I don't know what it is ( )		Yes ( ) No ( )	I don't know what it is ( )			
Do your cat(s) get fleas often? Yes, very often ( ) Few times ( ) No, never ( )	Do your cat(s) get fleas often?	Yes, very often ( ) Fe	ew times ( ) No, never ( )			
How often do you give your cat(s) Always Just when they have worms dewormers? ()		_				
How often do you take your cat(s) to the veterinarian?  Always, even when they are Rarely, just when they need ()						
Are your cat(s) neutered?  Yes, all of them Just some of them, except the kittens, which are not ()	Are your cat(s) neutered?	them ( )	kittens, which are not ( )			
How often do you vaccinate your cat(s)?  Once per year, in a Once per year, in They were only public vaccination campaign ( ) clinic ( ) kittens ( )	How often do you vaccinate your cat(s)?	public vaccination private vete	rinary vaccinated as			
Can cat(s) transmit diseases? Yes, all of them ( ) Yes, but only the stray cats ( ) None ( )	Can cat(s) transmit diseases?	Yes, all of them ( ) Yes, but	only the stray cats ( ) None ( )			
Do you know what zoonoses are? Yes ( ) No ( )	Do you know what zoonoses are?	Yes ( )	No ( )			
Could any of these diseases be related to contamination through cat feces?  How do you see your cat's role in your  Babesiosis  ()  ()  ()  ()  I like them, but just I don't like them and wish	Could any of these diseases be related to contamination through cat feces?  How do you see your cat's role in your	Babesiosis Leptospirosis ( ) ( ) I love them like a I like them	Toxoplasmosis Yellow fever  ( )  ( )  n, but just I don't like them and wish			
home?   family member ( ) as a 'pet' ( )   I did not have them ( )		ranniy member ( ) as a 'pet' (	j i did not nave them ( )			

Table 2. Odds ratios (OR) for cat owners allowing their cats to have outdoor access as a function of the characteristics of the cat, environment and owner information (n = 8 485).
 Where: SE = standard error; CI = confidence interval; RC = reference class.

Characteristic	OR (SE)	Lower CI	Upper CI	$\chi^2$	p-value	Outdoor (%)	Indoor (%)
Cat acquisition		01	01			(70)	(,0)
S/he came to us on its	6.87 (0.08)	5.87	8.03	584.77	0.001	66.91	33.09
own	, ,						
I/we bought	0.17 (0.42)	0.07	0.38	18.04	0.001	4.69	95.31
I/we won	2.44 (0.08)	2.08	2.85	122.08	0.001	41.78	58.22
I/we found as a stray	1.84 (0.06)	1.63	2.08	98.78	0.001	35.21	64.79
Adoption in	RC	RC	RC	-	-	22.75	77.25
campaigns/shelter	110	110	110				, , , = 0
Cat neutering							
Yes	0.46 (0.09)	0.38	0.54	74.72	0.001	34.34	65.66
Some	1.21 (0.12)	0.95	1.53	2.40	0.12	58.05	41.95
Only kittens unneutered	0.45 (0.13)	0.35	0.57	40.64	0.001	33.78	66.22
None	RC	RC	RC	-	0.001	53.4	46.6
Residence type	KC	KC	KC	-	-	33.4	40.0
Apartment	0.06 (0.19)	0.04	0.09	210.49	0.001	12.10	87.90
House			0.09	13.41	0.001	52.79	47.21
	0.51 (0.19)					52.79 68.84	
House in a rural area	RC	RC	RC	-	-	08.84	31.16
Number of cats	0.75 (0.15)	0.56	1.00	2.75	0.047	26.00	62.02
1	0.75 (0.15)	0.56	1.00	3.75	0.047	36.08	63.92
2	0.65 (0.15)		0.87	8.09	0.053	32.94	67.06
3	0.73 (0.16)		1.00	3.94	0.004	35.55	64.45
4	1.18 (0.15)	0.87	1.59	1.12	0.047	46.94	53.06
5 to 10 or more cats	RC	RC	RC	-	-	42.93	57.07
Other pets in the home							
Yes	2.72 (0.05)	2.48	2.98	460.78	0.001	48.63	51.37
No	RC	RC	RC	-	-	25.83	74.17
Owner gender							
Female	0.79(0.10)		0.97	4.87	0.03	36.82	63.18
Male	RC	RC	RC	-	-	42.35	57.65
Owner age							
18 to 35	1.49 (0.14)	1.13	1.97	7.83	0.01	40.71	59.29
36 to 59	1.05 (0.14)	0.79	1.4	0.13	0.72	32.65	67.35
60 to 91	RC	RC	RC	-	-	31.51	68.49
Responsible for the cat							
Yes	0.27 (0.13)	0.21	0.34	109.78	0.001	35.96	67.79
No	RC	RC	RC	-	-	64.04	32.21
Perception about cat							
S/ He is a member of the	0.92(0.73)	0.22	3.86	0.01	0.91	35.64	64.36
family							
I like him, but only as a	2.74(0.74)	0.65	11.60	1.87	0.17	62.17	37.83
pet	` ′						
I don't like him/ I didn't	RC	RC	RC	_	_	37.50	62.50
want to have him at home							
Cats transmit diseases							
Yes	1.70 (0.04)	1.56	1.86	137.91	0.001	43.98	56.02
None / only free-ranging	RC	RC	RC	-	-	31.54	68.46
cats	110	110	110			01.0.	000
Knowledge about							
zoonosis							
Yes	0.83 (0.07)	0.73	0.96	6.50	0.001	36.61	63.39
No	RC	RC	RC	-	0.001	40.88	59.12
Diseases transmitted by	I.C	I.C	I.C		-	±0.00	37.14
cat feces							
Others	1.67 (0.08)	1.43	1.94	44.15	0.001	48.39	51.61
Oulers	1.07 (0.08)	1.43	1.74	44.13	0.001	40.37	51.01

Toxoplasmosis	RC	RC	RC	-	_	35.99	64.01