

Table 1. Frequency of infection with *T. cruzi* among eco-epidemiological variables.

Eco-epidemiological Variable	<i>T. cruzi</i>		
	Positives (%)	Negatives (%)	All (CI 95%)
Ecotope			
Sylvatic	41 (97.6)	17 (94.4)	58 (89.7-99.3)
Domestic	1 (2.4)	1 (5.6)	2 (0.7-10.3)
Insect stages			
Adults	42 (100)	15 (83.3)	57 (87.3-98.6)
Nymph	0 (0)	3 (16.7)	3 (1.4-12.7)
Sex			
Male	22 (52.4)	7 (46.7)	29 (38.1-63.5)
Female	20 (47.6)	8 (53.3)	28 (16.0-38.1)
Bird nest			
<i>Phacellodomus rufifrons</i>	29 (70.7)	14 (82.4)	43 (61.9-84.0)
<i>Cacicus cela</i>	12 (29.3)	3 (17.6)	15 (16.0-38.1)

Table 2. MCA values for each variable in 3 dimensions (Dim) as previously described. In yellow the first subgroup of variables, in blue the second subgroup, in green the relation between ecotope and *T. cruzi* presence.

Variable	Dim 1	Dim 2	Dim 3
Locality (Municipality)	1.349	0.804	0.661
Ecotope	1.311	0.041	0.009
Insect stage	0.008	0.116	0.613
Sex	0.190	0.162	0.048
Bird nest	0.033	0.590	0.050
Feeding sources	0.049	0.524	0.371
<i>T. cruzi</i>	0.020	0.074	0.452

*NOTE: α -Cronbach values: dim 1, 0.772; dim 2, 0.662; dim 3, 0.637. Inercy values: dim1, 0.423; dim 2, 0.330; dim 3, 0.315

Table 3. Significant variables obtained with logistic regression. Bold font highlights most statistically significant variables.

Variable	Characteristic	β - Coeff	p-value	OR (Exp[B])	CI95%
Municipality	Pore, Casanare	2.398	0.022	11.0	1.42-85.2
Ecotope	Sylvatic	0.880	0.002	2.41	1.37-4.24
Insect stage	Adult	1.030	0.001	2.80	1.55-5.04
Sex	Male	1.145	0.008	3.14	1.34-7.35
Sex	Female	0.916	0.028	2.50	1.10-5.67
Bird nest	<i>C. cela</i>	1.386	0.032	4.00	1.12-14.17
Bird nest	<i>P. rufifrons</i>	0.728	0.025	2.07	1.09-3.92
Feeding source	<i>C. baroni</i>	1.322	0.019	3.75	1.24-11.29

NOTE: Response variable was presence (1) or ausence (2) of *T. cruzi*. Explicative variables are the ones shown in the table. A stratified simulation (1000 samples) was made for the response variable (*T. cruzi* presence) in each executed model. Wald estimator was used to determine the OR 95% confidence interval.