Table S1. Results of the Kolmogorov-Smirnov test for normality and the Levene test for homogeneity of variance, for each of the behavioral variables studied, comparing *Trypanosoma cruzi* infected with non-infected *Triatoma infestans*.

	Kolmogorov-Smirnov	**Levene test**
Movement events in photophase	p<0.001	p=0.571
Movement events in scotophase	p<0.001	p=0.537
Movement events Total	p=0,001	p=0.235
Distance traveled in photophase	p<0.001	p=0.591
Distance traveled in scotophase	p<0.001	p=0.091
Distance traveled Total	p<0.001	p=0.374

Table S2. Results of the Mann-Whitney U test comparing the movement events and distance traveled, by non-infected (n= 52) and *Trypanosoma cruzi* infected (n= 56) triatomines.

	Mann-Whitney U test
Movement events in photophase	p<0.001
Movement events in scotophase	p=0,014
Movement events Total	p<0.001
Distance traveled in photophase	p<0.001
Distance traveled in scotophase	p<0.001
Distance traveled Total	p<0.001

Table S3. Results of the Mann-Whitney U test comparing the parasite loads of triatomines fed on each rodent species: chronically infected *Octodon degus* and acutely infected *Mus musculus*.

	N°	**Mann-Whitney U test**
Infected triatomines	56	p=0.730
Movement events in scotophase	82	p<0.001

Table S4. Results of the Kruskal-Wallis test comparing the parasite loads between nymphal stages (III, IV and V).

		Kruskal-Wallis test	
	N°	**Statistic**	**Sig**
Infected triatomines	56	2.651	p=0.266
Movement events in scotophase	82	14.85	p=0.001