

Annex 1 Statistical analysis of the evolution of parasite prevalence in Cahata (S= significant difference; NS= non-significant difference) (before*= years 2007+2008; outbreak**= years 2015+2016+2018; after*** = years 2009 to 2018)

Years compared	χ^2	OR	Conclusion
2007 vs 2008	53.2	0.45 [0.37-0.56]	S
2008 vs 2009	35.4	0.45 [0.35-0.59]	S
2009 vs 2010	36.5	0.33 [0.23-0.48]	S
2010 vs 2011	1.94; $p=0.25$	0.59 [0.25-1.44]	NS
2015 vs 2016	5.74; $p=0.016$	2.72 [1.17-6.30]	S
2016 vs 2018	0.063; $p=0.80$	1.11 [0.47-2.61]	NS
2007 vs 2015	88.9	0.13 [0.08-0.21]	S
2007 vs 2016	8.40	0.36 [0.17-0.74]	S
2007 vs 2018	14.2	0.39 [0.24-0.65]	S
2008 vs 2015	28.4	0.29 [0.18-0.47]	S
2008 vs 2016	0.42; $p=0.52$	0.79 [0.38-1.63]	NS
2008 vs 2018	0.27; $p=0.60$	0.88 [0.53-1.44]	NS
Before* vs outbreak**	55.7	0.32 [0.24-0.44]	S
Before vs after***	608	0.13 [0.11-0.16]	S