

Annex 2 Statistical analysis of the evolution of parasite prevalence in Capango (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	13.9	0.54 [0.39-0.75]	S
2008 vs 2009	40.2	0.32 [0.23-0.46]	S
2009 vs 2010	16.6	0.35 [0.21-0.59]	S
2010 vs 2011	0.0025; <i>p</i> =0.77	0.86 [0.32-2.33]	NS
2011 vs 2012	0.69; <i>p</i> =0.41	0.60 [0.18-2.01]	NS
2016 vs 2018	0.21; <i>p</i> = 0.65	1.20 [0.54-2.67]	NS
2016 vs 2007	0.27; <i>p</i> =0.60	0.83 [0.41-1.69]	NS
2018 vs 2007	0.0001; <i>p</i> =0.99	0.99 [0.61-1.64]	NS
2016 vs 2008	1.45; <i>p</i> =0.23	1.54 [0.76-3.12]	NS
2018 vs 2008	6.25; <i>p</i> = 0.12	1.85 [1.14-3.02]	S
Before* vs outbreak**	12.6	0.53 [0.37-0.76]	S
Before* vs after***	154	0.25 [0.19-0.31]	S