Table 3. Association between malaria retinopathy and infections caused by a single/less complex genotypes (vs. 3 or more). Frequencies and odds ratios (OR) obtained in logistic regression models. Four patients were removed from regression modeling due to missing data.

	Single/Less Complex Genotype (< 3 Het. Calls) (N = 52)	Multiple Genotypes (≥3 Het. Calls) (N = 51)	
Retinopathy	42 (81%)	27 (53%)	
No retinopathy	10	24	
	Logistic Regression (N = 67 with and 32 without retinopathy)		
Unadjusted Model†	OR	(95% CI)	P*
Single/Less Complex (vs. 3 Hets)	3.7	(1.51 - 9.10)	0.003
Adjusted Model†			
Single/Less Complex (vs. ≥ 3 Hets)	4.82	(1.59 - 14.30)	0.003
Hematocrit	0.84	(0.79, 0.96)	< 0.0001
Parasites/µl (natural logarithm)	1.36	(0.996, 1.85)	0.046
Time (weeks from January until date of sample collection)	0.87	(0.77 – 0.92)	0.001

Het. = Heterozygous; OR = Odd Ratio; CI = Confidence Interval

* P-values were estimated using likelihood-ratio tests.

† c-statistic (corresponding to the area under the ROC curve of the fitted model) of the unadjusted model was 0.66 and of the adjusted model was 0.82.