

Table 2. Regression coefficients and their standard errors (SE) along with the statistical significance of the coefficient (P) for the effects of 8 retinopathy domain scores on the Tests of Variables of Attention (TOVA) performance scores. The coefficient values are adjusted for age, sex, body mass index (BMI) z-score, HIV status (negative versus unknown), Socio-Economic Status (SES) score, and the interval between cerebral malaria illness and testing.

Retinopathy domain	Omission errors		Commission errors		Response time variability		Response time to signal		ADHD Index		D prime signal detection	
	Coef. (SE)	P	Coef. (SE)	P	Coef. (SE)	P	Coef. (SE)	P	Coef. (SE)	P	Coef. (SE)	P
Haemorrhages	0.58 (1.25)	.65	-0.46 (0.69)	.51	-1.66 (5.03)	.74	14.65 (9.77)	.14	0.05 (0.27)	.85	.01 (0.06)	.87
Papilledema		.40		.08		.24		.22		.88		.09
None	-3.47 (6.70)		-8.07 (3.57)		-39.57 (26.69)		-30.10 (52.46)		0.71 (1.44)		0.47 (0.29)	
One eye	-17.68 (12.93)		-9.44 (6.89)		-66.04 (49.92)		-179.74 (101.22)		0.31 (2.79)		1.14 (0.56)	
Both eyes	- referent		- referent		- referent		- referent		- referent		- referent	
Hyperaemia		.55		.01		.09		.22		.96		.04
None	-3.57 (5.86)		-7.92 (2.98)		-39.18 (22.64)		-58.43 (46.42)		0.06 (1.25)		0.52 (0.25)	
Both eyes	- referent		- referent		- referent		- referent		- referent		- referent	
Macula	1.67 (1.66)	.32	0.23 (0.93)	.81	-1.53 (6.92)	.83	13.84 (13.25)	.30	-0.32 (0.36)	.37	-0.07 (0.08)	.38
Foveal annulus	1.22 (1.62)	.45	0.16 (0.91)	.86	-6.44 (6.63)	.34	6.78 (13.00)	.61	-0.03 (0.35)	.93	-0.02 (0.07)	.74
Sum of quadrant scores	-0.05 (0.62)	.94	0.03 (0.34)	.93	0.60 (2.43)	.81	2.44 (4.94)	.62	-0.10 (0.13)	.43	-0.02 (0.03)	.58
Number of quadrants vascular change	1.77 (1.05)	.10	0.66 (0.60)	.28	5.94 (4.22)	.17	14.88 (8.39)	.08	-0.10 (0.23)	.68	-0.10 (0.05)	.04
Subjective severity score		.94		.51		.38		.67		.19		.92
1	0.59 (8.08)		2.97 (4.47)		-4.12 (30.64)		-18.67 (64.12)		3.02 (1.66)		0.11 (0.37)	
2	2.45 (8.54)				-35.69(32.66)		-54.09 (67.72)		2.74 (1.75)		0.02 (0.39)	
3	- referent				- referent		- referent		- referent		- referent	