

## Comparison of hybrid effect detection across statistical frameworks

Analysis Type	parasiteLoad Result	Ferreira Result	Validation Status <sup>1</sup>
<b>Complete Dataset</b>	<b>p = 0.017 (Significant)</b>	<b>1 significant effects</b>	<b>✓ Partial support</b>
Uninfected Subset	p = 0.545 (Not significant)	1 significant effects	○ Inconsistent
<b>Infected Subset</b>	<b>Male-specific: p = 0.038</b>	<b>4 significant effects</b>	<b>✓ Strong support</b>
<sup>1</sup> ✓ = Methods agree, ○ = Methods disagree or no effect detected			