Comparison of hybrid effect detection across statistical frameworks

| Analysis Type | parasiteLoad Result | Ferreira Result | Validation Status*1* |
| --- | --- | --- | --- |
| **Complete Dataset** | **p = 0.017 (Significant)** | **3 significant effects** | **✓ Partial support** |
| Uninfected Subset | p = 0.545 (Not significant) | 1 significant effects | ○ Inconsistent |
| **Infected Subset** | **Male-specific: p = 0.038** | **4 significant effects** | **✓ Strong support** |
| *1*✓ = Methods agree, ○ = Methods disagree or no effect detected | | | |