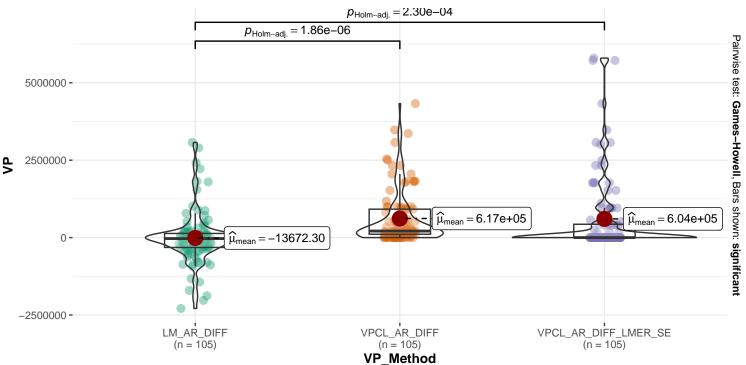
Comparison of LM, VIPCAL and VIPCAL_SE

Population: c_Viruses

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Welch test: LM vs VIPCAL vs VIPCAL_SE

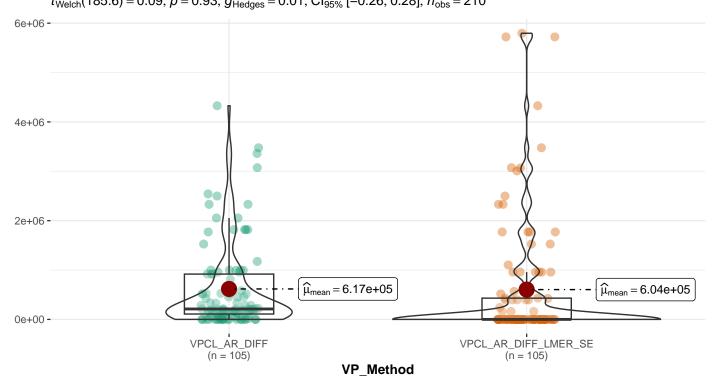
$$F_{\text{Welch}}(2, 203.01) = 17.13, p = 1.34e-07, \widehat{\omega_{\text{p}}^2} = 0.14, \text{Cl}_{95\%}[0.07, 1.00], n_{\text{obs}} = 315$$



$log_e(BF_{01}) = -8.52$, $\widehat{R^2}_{Bayesian}^{posterior} = 0.08$, $Cl_{95\%}^{HDI}$ [0.03, 0.13], $r_{Cauchy}^{JZS} = 0.71$

Welch test: VIPCAL vs VIPCAL_SE

 $t_{\text{Welch}}(185.6) = 0.09, p = 0.93, \widehat{g}_{\text{Hedges}} = 0.01, \text{Cl}_{95\%} [-0.26, 0.28], n_{\text{obs}} = 210$



 $log_{e}(BF_{01}) = 1.89$, $\delta_{difference}^{posterior} = 12354.97$, $Cl_{95\%}^{ETI}$ [-2.72e+05, 2.93e+05], $r_{Cauchy}^{JZS} = 0.71$