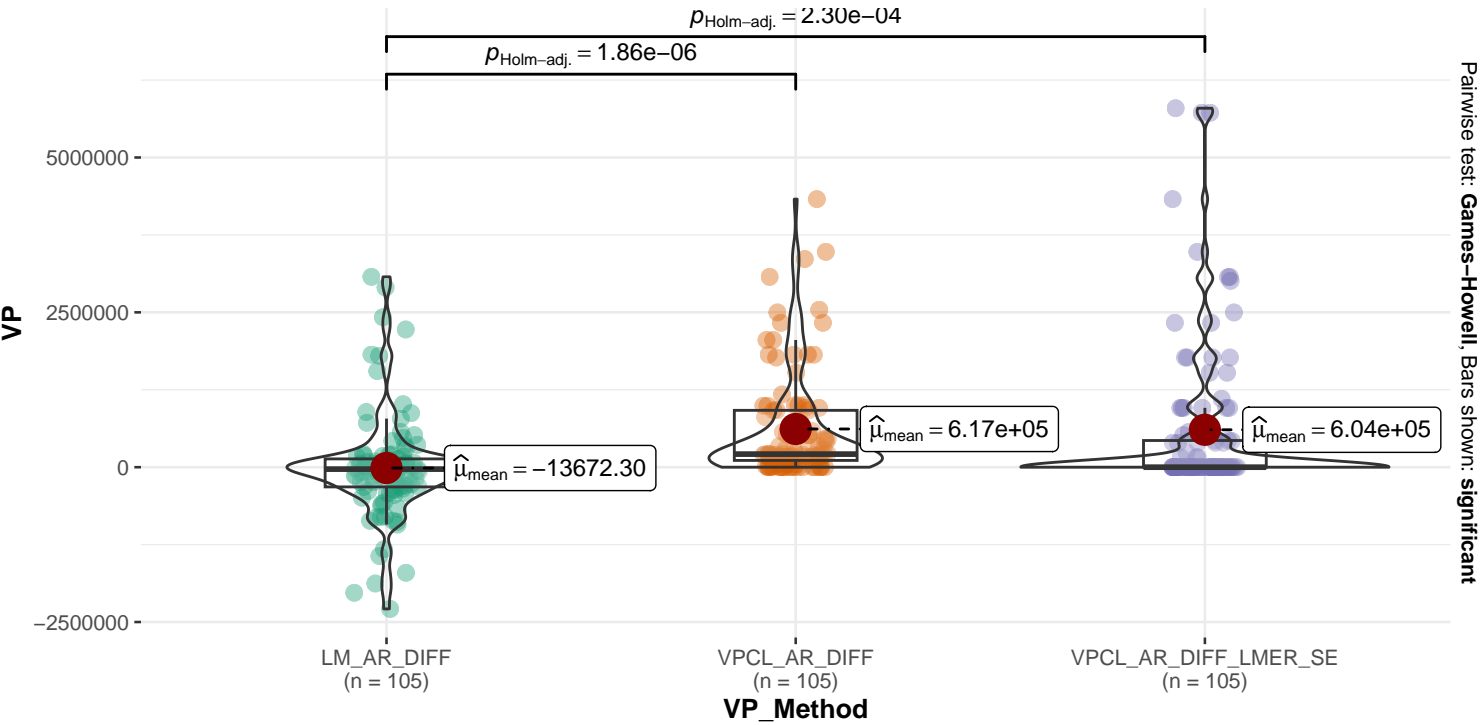


Comparison of LM, VIPCAL and VIPCAL_SE

Population: c_Viruses

Welch test: LM vs VIPCAL vs VIPCAL_SE

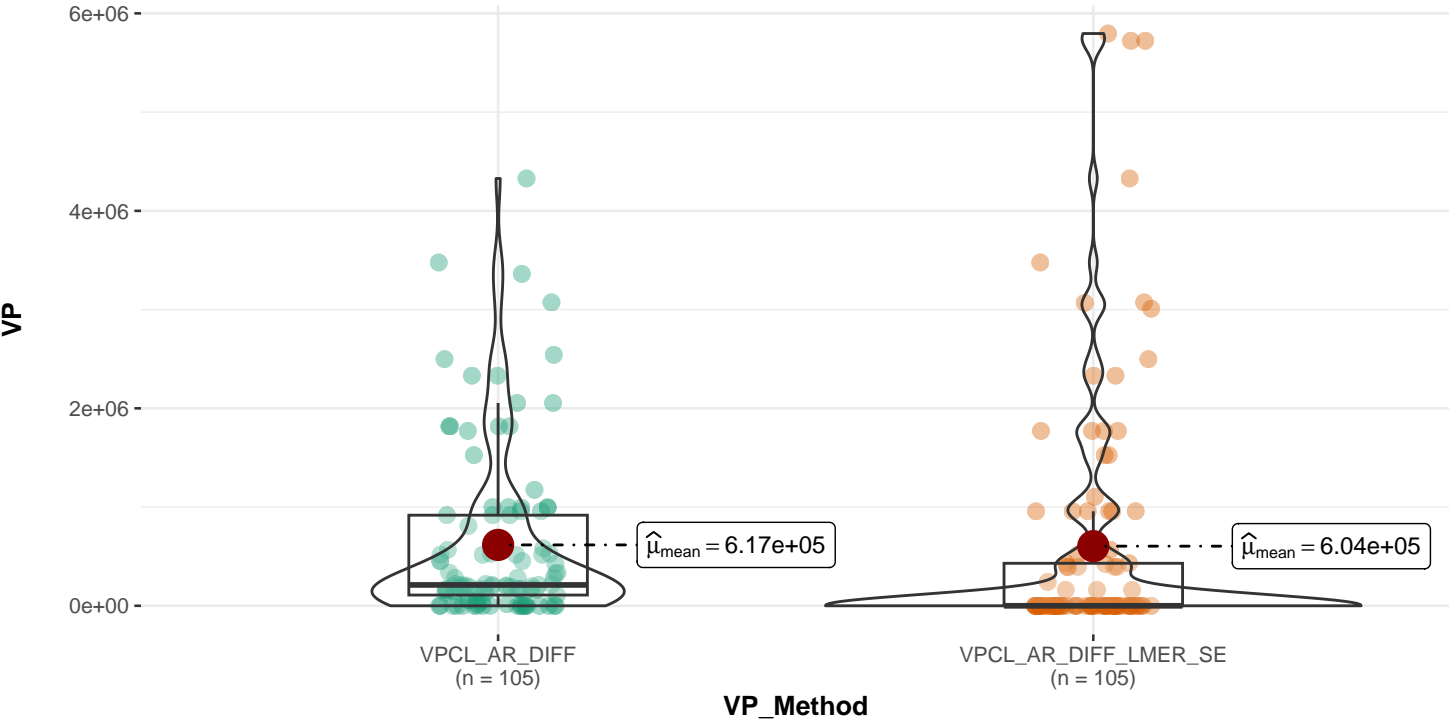
$F_{\text{Welch}}(2, 203.01) = 17.13, p = 1.34\text{e-}07, \hat{\omega}_p^2 = 0.14, \text{CI}_{95\%} [0.07, 1.00], n_{\text{obs}} = 315$



$\log_e(\text{BF}_{01}) = -8.52, \hat{R}_{\text{Bayesian}}^2 = 0.08, \text{CI}_{95\%}^{\text{HDI}} [0.03, 0.13], r_{\text{Cauchy}}^{\text{JZS}} = 0.71$

Welch test: VIPCAL vs VIPCAL_SE

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



$\log_e(\text{BF}_{01}) = 1.89, \hat{\theta}_{\text{difference}}^{\text{posterior}} = 15724.98, \text{CI}_{95\%}^{\text{ETI}} [-2.73\text{e}+05, 3.00\text{e}+05], r_{\text{Cauchy}}^{\text{JZS}} = 0.71$