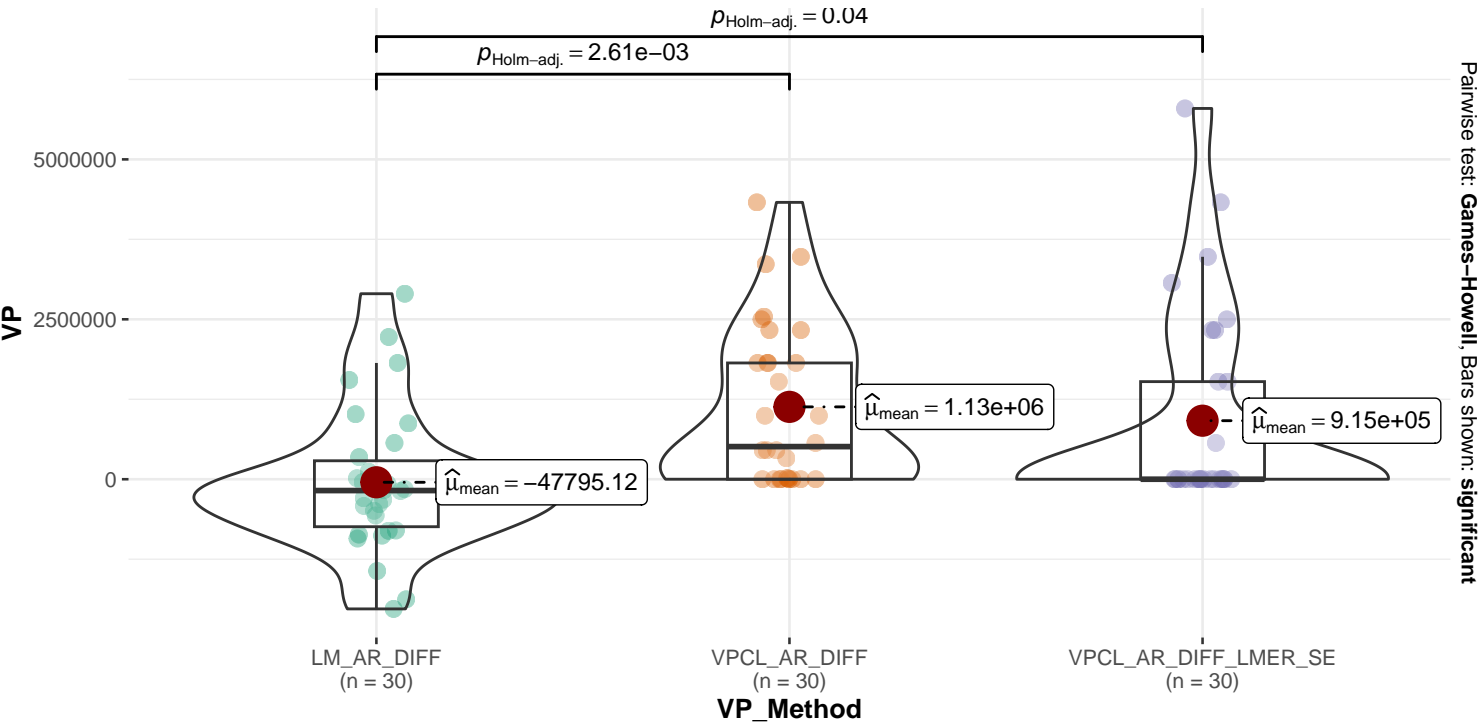


Comparison of LM, VIPCAL and VIPCAL_SE

Population: c_Viruses

Welch test: LM vs VIPCAL vs VIPCAL_SE

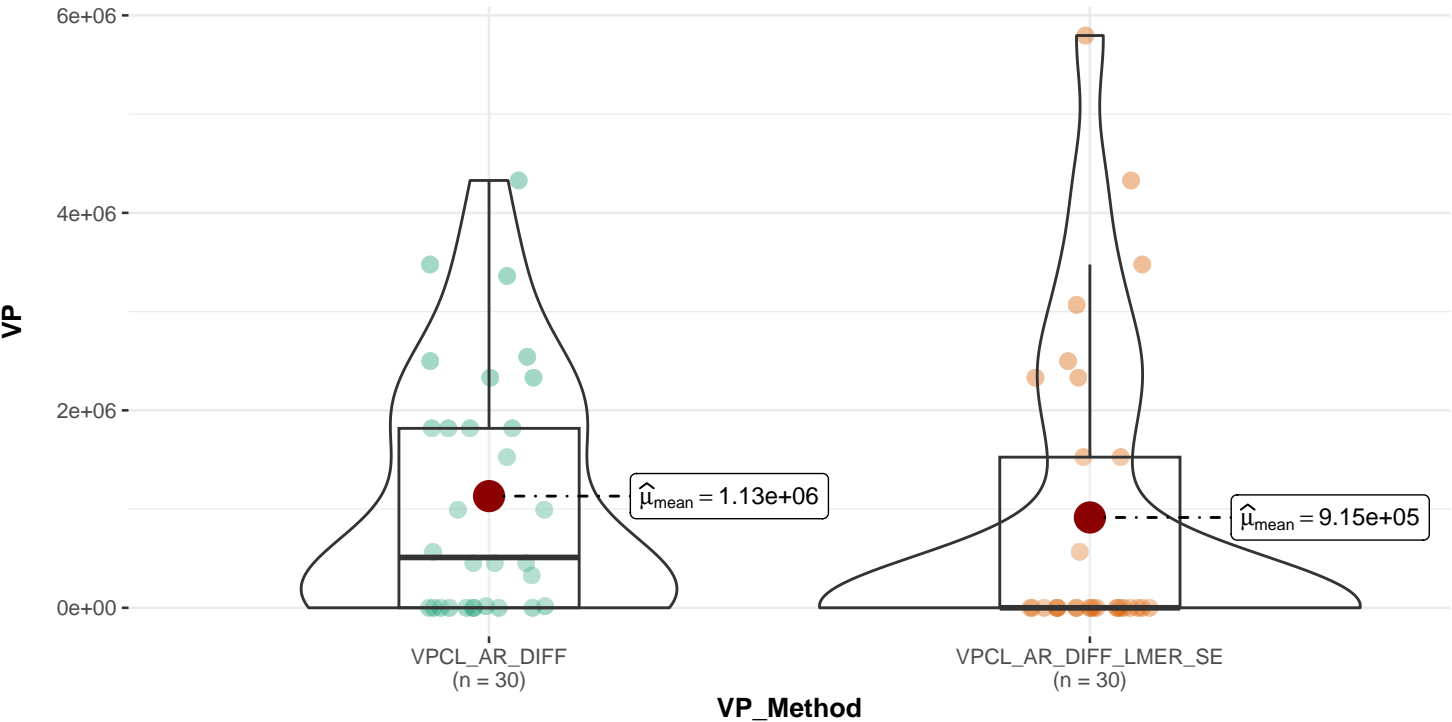
$F_{\text{Welch}}(2, 57) = 8.26, p = 7.08\text{e-}04, \hat{\omega}_p^2 = 0.19, \text{CI}_{95\%} [0.05, 1.00], n_{\text{obs}} = 90$



$\log_e(\text{BF}_{01}) = -2.75, \hat{R}_{\text{Bayesian}}^2 = 0.11, \text{CI}_{95\%}^{\text{HDI}} [0.00, 0.22], r_{\text{Cauchy}}^{\text{JZS}} = 0.71$

Welch test: VIPCAL vs VIPCAL_SE

$t_{\text{Welch}}(55.47) = 0.59, p = 0.56, \hat{g}_{\text{Hedges}} = 0.15, \text{CI}_{95\%} [-0.35, 0.65], n_{\text{obs}} = 60$



$\log_e(\text{BF}_{01}) = 1.19, \hat{\delta}_{\text{difference}}^{\text{posterior}} = 1.78\text{e}+05, \text{CI}_{95\%}^{\text{ETI}} [-4.56\text{e}+05, 8.67\text{e}+05], r_{\text{Cauchy}}^{\text{JZS}} = 0.71$