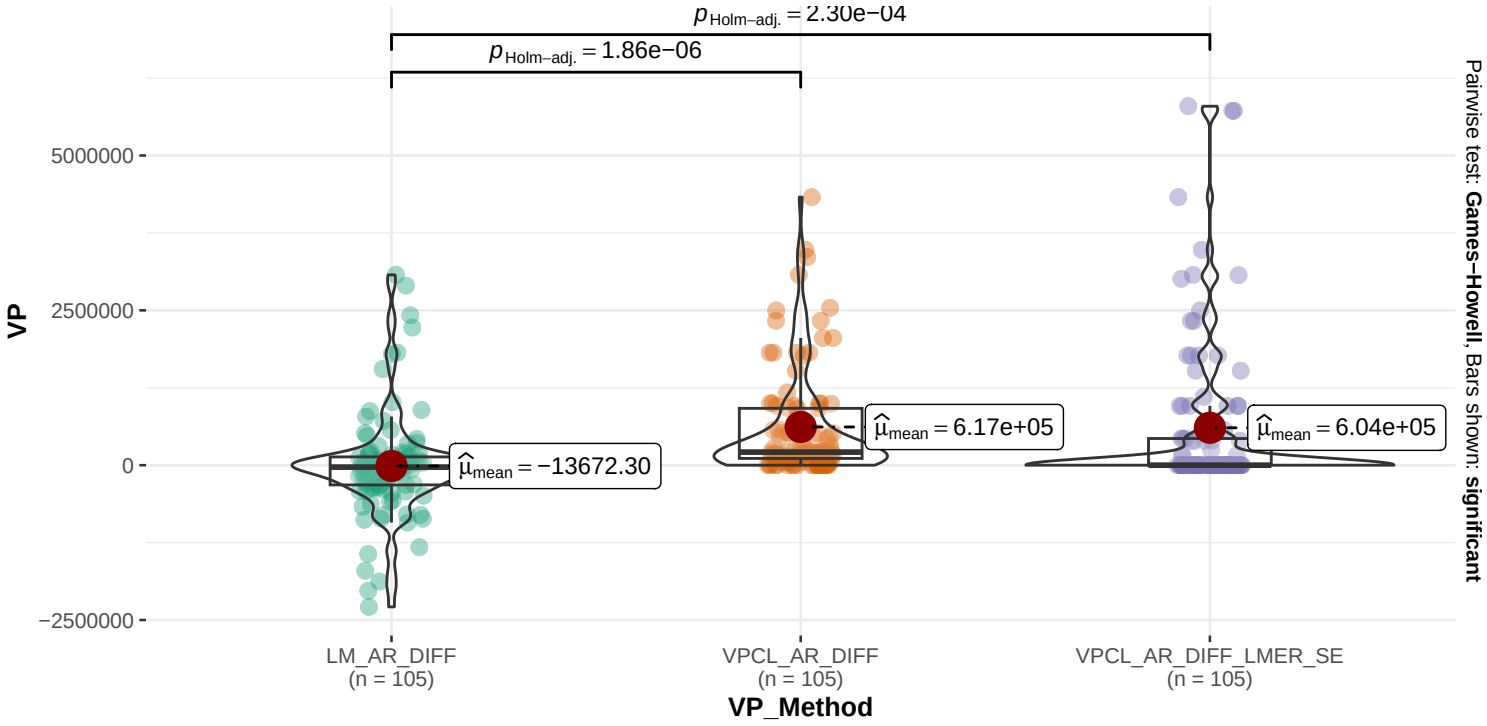
Comparison of LM, VIPCAL and VIPCAL_SE

Population: c_Viruses

Welch test: LM vs VIPCAL vs VIPCAL_SE

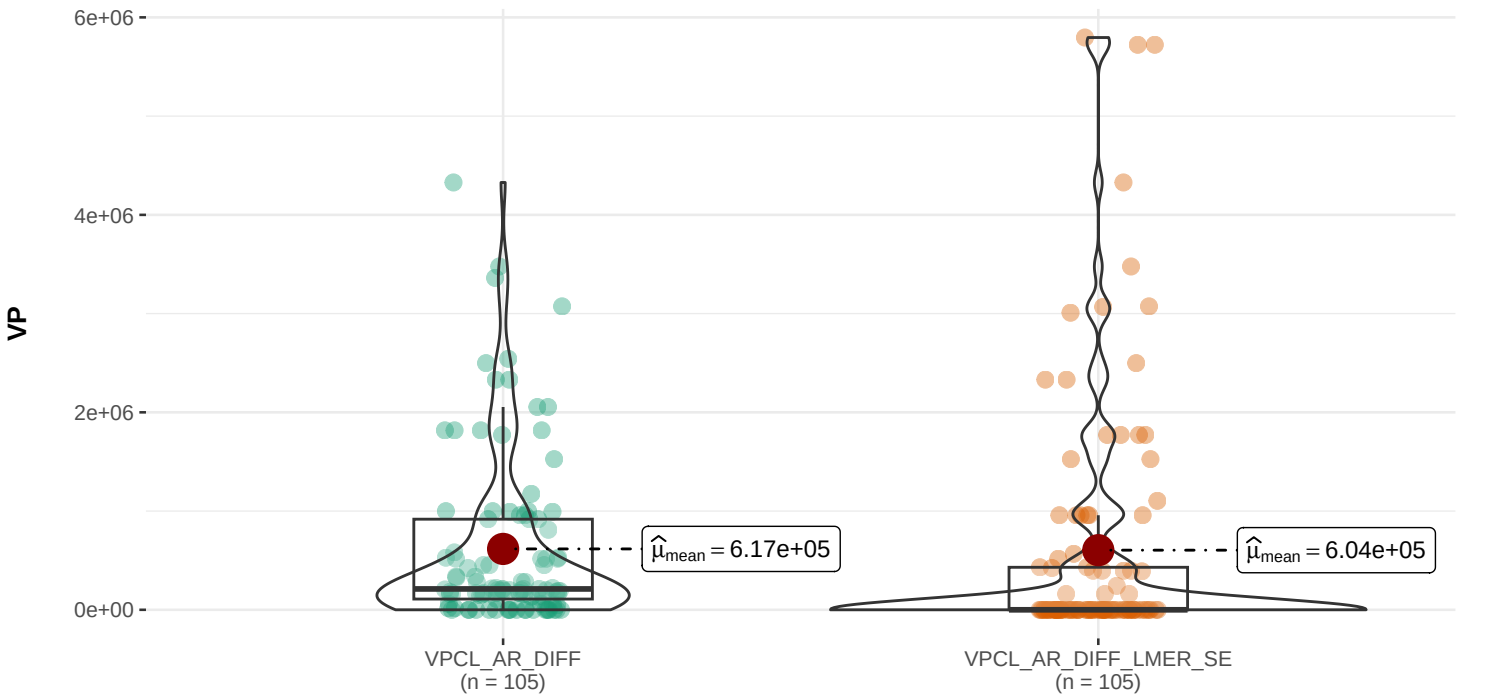
$F_{Welch}(2, 203.01) = 17.13$, $p = 1.34e{-}07$, $\widehat{\omega}^2_p = 0.14$, $CI_{95\%}$ [0.07, 1.00], $n_{obs} = 315$



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

Welch test: VIPCAL vs VIPCAL_SE

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



$\log_e(BF_{01}) = 1.89$, $\widehat{\delta}^{posterior}_{difference} = 8020.04$, $CI^{ETI}_{95\%}$ [−2.65e+05, 2.88e+05], $r^{JZS}_{Cauchy} = 0.71$