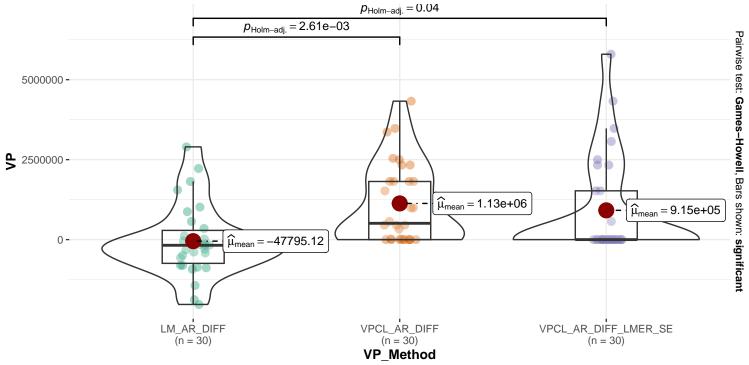
## Comparison of LM, VIPCAL and VIPCAL\_SE

Population: c\_Viruses

## Welch test: LM vs VIPCAL vs VIPCAL\_SE

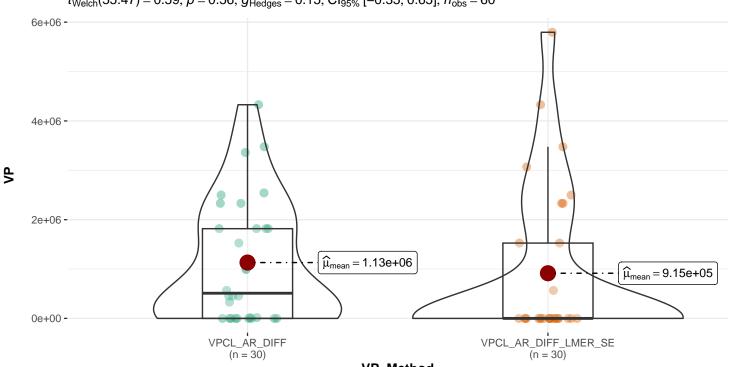
$$F_{\text{Welch}}(2,57) = 8.26, p = 7.08e - 04, \widehat{\omega_{\text{p}}^2} = 0.19, \text{Cl}_{95\%}[0.05, 1.00], n_{\text{obs}} = 90$$



## $log_e(BF_{01}) = -2.75$ , $\widehat{R^2}_{Bayesian}^{posterior} = 0.11$ , $CI_{95\%}^{HDI}$ [0.00, 0.22], $r_{Cauchy}^{JZS} = 0.71$

## Welch test: VIPCAL vs VIPCAL\_SE

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



**VP Method** 

 $log_{e}(BF_{01}) = 1.19, \ \, \widehat{\delta}_{difference}^{posterior} = 1.67e + 05, \ \, Cl_{95\%}^{ETI} \ [-4.75e + 05, \ \, 8.62e + 05], \ \, r_{Cauchy}^{JZS} = 0.71e + 0.05, \ \, r_{Cauchy}^$