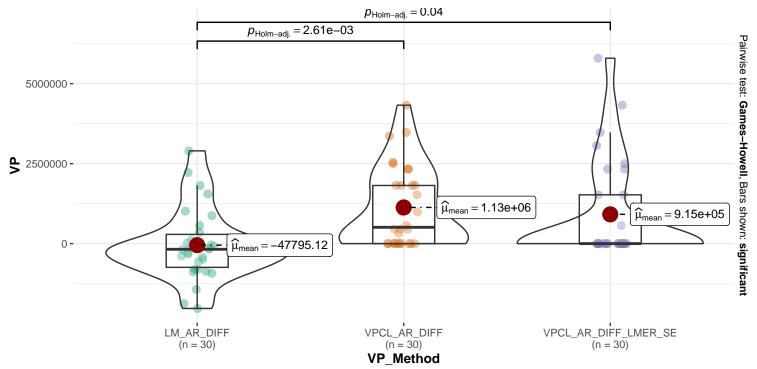
## Comparison of LM, VIPCAL and VIPCAL\_SE

Population: c\_Viruses

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

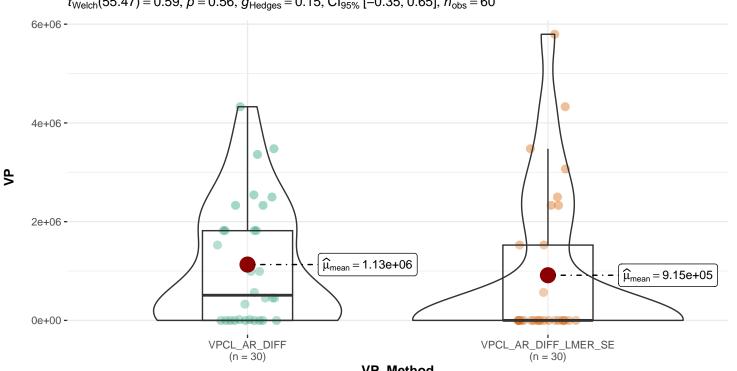
$$F_{\text{Welch}}(2,57) = 8.26, p = 7.08e - 04, \widehat{\omega_{\text{p}}^2} = 0.19, \text{Cl}_{95\%}[0.05, 1.00], n_{\text{obs}} = 90$$



## $log_e(BF_{01}) = -2.75$ , $\widehat{R^2}_{Bayesian}^{posterior} = 0.12$ , $CI_{95\%}^{HDI}$ [0.00, 0.22], $r_{Cauchy}^{JZS} = 0.71$

## Welch test: VIPCAL vs VIPCAL\_SE

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



**VP Method** 

 $log_{e}(BF_{01}) = 1.19$ ,  $\delta_{difference}^{posterior} = 1.78e + 05$ ,  $Cl_{95\%}^{ETI}$  [-4.65e+05, 8.66e+05],  $r_{Cauchy}^{JZS} = 0.71$