Distribution of sepal length across the three *Iris* species

$F_{\text{Welch}}(2, 92.21) = 138.91$, $p = 1.51e{-}28$, $\widehat{\omega^2_p} = 0.74$, $CI_{95\%}$ [0.67, 1.00], $n_{\text{obs}} = 150$

$p_{\text{Holm-adj.}} = 5.72e{-}10$

$p_{\text{Holm-adj.}} = 0.00$

$p_{\text{Holm-adj.}} = 5.58e{-}07$

$\widehat{\mu}_{\text{mean}} = 5.01$

$\widehat{\mu}_{\text{mean}} = 5.94$

$\widehat{\mu}_{\text{mean}} = 6.59$

Pairwise test: **Games–Howell**; Bars shown: **significant**

Sepal length (cm) (y-axis)

setosa (n = 50) versicolor (n = 50) virginica (n = 50)

Species