**Are Text or Tabular Features Assigned More Importance?,
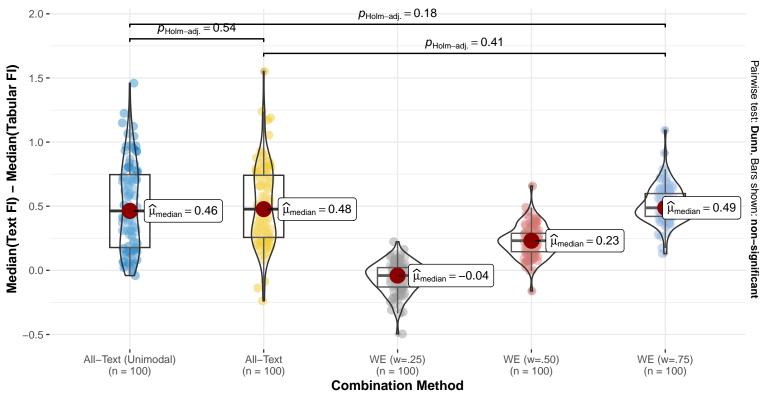Difference in Median Feature Importance (SHAP), by Combination Method**

$\chi^2_{\text{Kruskal-Wallis}}(4) = 281.59$, $p = 1.01\text{e}{-59}$, $\widehat{\varepsilon}^2_{\text{ordinal}} = 0.56$, $\text{CI}_{95\%}$ [0.54, 1.00], $n_{\text{obs}} = 500$

$p_{\text{Holm-adj.}} = 0.18$

$p_{\text{Holm-adj.}} = 0.54$

$p_{\text{Holm-adj.}} = 0.41$

Median(Text FI) − Median(Tabular FI)

$\widehat{\mu}_{\text{median}} = 0.46$

$\widehat{\mu}_{\text{median}} = 0.48$

$\widehat{\mu}_{\text{median}} = -0.04$

$\widehat{\mu}_{\text{median}} = 0.23$

$\widehat{\mu}_{\text{median}} = 0.49$

Pairwise test: **Dunn**, Bars shown: **non-significant**

All−Text (Unimodal)
(n = 100)

All−Text
(n = 100)

WE (w=.25)
(n = 100)

WE (w=.50)
(n = 100)

WE (w=.75)
(n = 100)

Combination Method

Dataset: wine Text Model: BERT