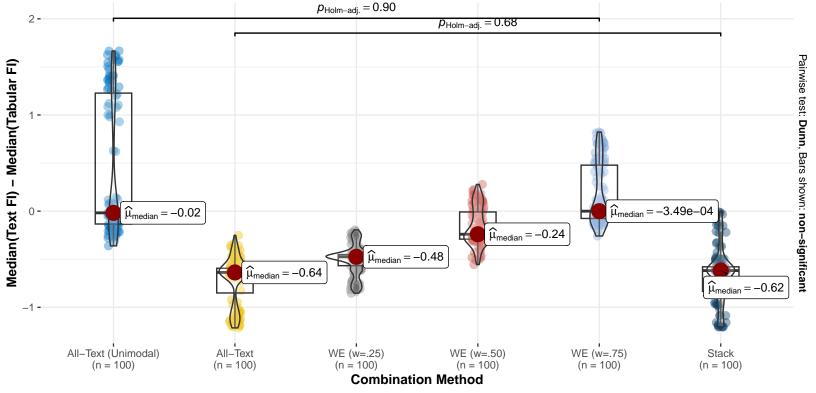**Are Text or Tabular Features Assigned More Importance?,
Difference in Median Feature Importance (SHAP), by Combination Method**

$\chi^2_{\text{Kruskal-Wallis}}(5) = 445.70, p = 4.15e{-}94, \hat{\epsilon}^2_{\text{ordinal}} = 0.74, \text{CI}_{95\%}[0.73, 1.00], n_{\text{obs}} = 600$

$p_{\text{Holm-adj.}} = 0.90$

$p_{\text{Holm-adj.}} = 0.68$

Median(Text FI) − Median(Tabular FI)

$\hat{\mu}_{\text{median}} = -0.02$

$\hat{\mu}_{\text{median}} = -0.64$

$\hat{\mu}_{\text{median}} = -0.48$

$\hat{\mu}_{\text{median}} = -0.24$

$\hat{\mu}_{\text{median}} = -3.49e{-}04$

$\hat{\mu}_{\text{median}} = -0.62$

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) | Stack (n = 100) |

Combination Method

Dataset: prod_sent Text Model: DistilRoBERTa