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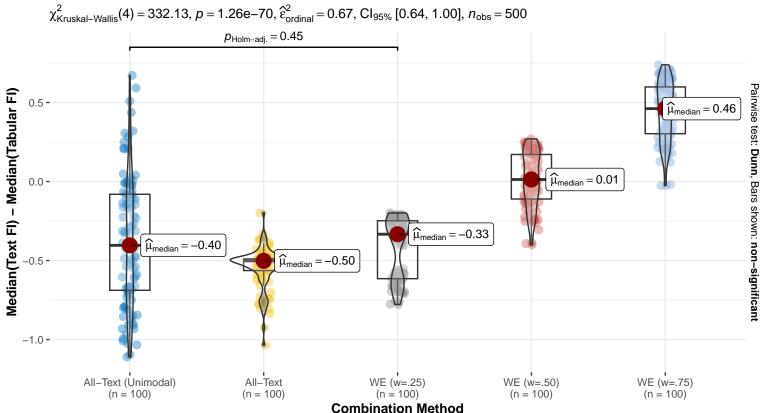 Are Text or Tabular Features Assigned More Importance?, Difference in Median Feature Importance (SHAP), by Combination Method

$\chi^2_{\text{Kruskal-Wallis}}(4) = 332.13$, $p = 1.26\text{e}{-}70$, $\hat{\epsilon}^2_{\text{ordinal}} = 0.67$, $\text{CI}_{95\%}$ [0.64, 1.00], $n_{\text{obs}} = 500$

Median(Text FI) − Median(Tabular FI) (y-axis)

Combination Method (x-axis)

$p_{\text{Holm-adj.}} = 0.45$

$\hat{\mu}_{\text{median}} = -0.40$
$\hat{\mu}_{\text{median}} = -0.50$
$\hat{\mu}_{\text{median}} = -0.33$
$\hat{\mu}_{\text{median}} = 0.01$
$\hat{\mu}_{\text{median}} = 0.46$

All−Text (Unimodal) (n = 100)
All−Text (n = 100)
WE (w=.25) (n = 100)
WE (w=.50) (n = 100)
WE (w=.75) (n = 100)

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

Dataset: prod_sent   Text Model: DistilBERT