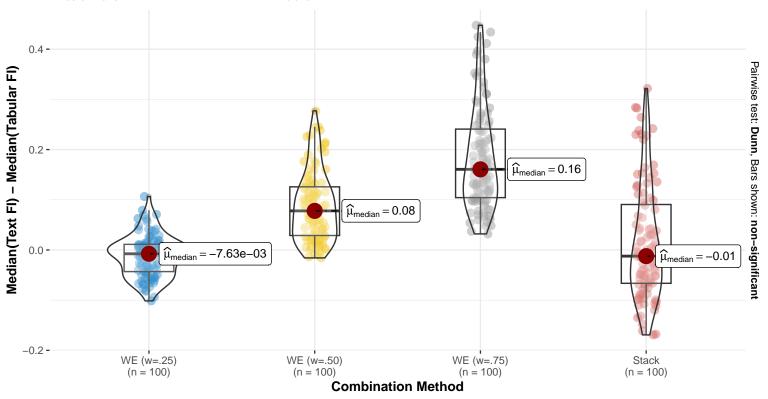# Are Text or Tabular Features Assigned More Importance?, Difference in Median Feature Importance (SHAP), by Combination Method

$\chi^2_{\text{Kruskal-Wallis}}(3) = 193.28$, $p = 1.19\text{e}{-}41$, $\widehat{\varepsilon}^2_{\text{ordinal}} = 0.48$, $\text{CI}_{95\%}$ [0.45, 1.00], $n_{\text{obs}} = 400$

Median(Text FI) − Median(Tabular FI)

$\widehat{\mu}_{\text{median}} = -7.63\text{e}{-}03$

$\widehat{\mu}_{\text{median}} = 0.08$

$\widehat{\mu}_{\text{median}} = 0.16$

$\widehat{\mu}_{\text{median}} = -0.01$

WE (w=.25) (n = 100)   WE (w=.50) (n = 100)   WE (w=.75) (n = 100)   Stack (n = 100)

Combination Method

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

Dataset: channel Text Model: DistilRoBERTa