Are Text or Tabular Features Assigned More Importance?
Difference in Median Absolute Feature Importance (SHAP), by Text Model

$\chi^2_{\text{Friedman}}(3) = 566.59$, $p = 1.76\text{e}{-}122$, $\widehat{W}_{\text{Kendall}} = 0.31$, $\text{CI}_{95\%}$ [0.28, 1.00], $n_{\text{pairs}} = 600$

med(|Text F.I.|) − med(|Tabular F.I.|)

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

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

$\widehat{\mu}_{\text{median}} = 0.15$

$\widehat{\mu}_{\text{median}} = 0.26$

BERT
(n = 600)

DeBERTa
(n = 600)

DistilBERT
(n = 600)

DistilRoBERTa
(n = 600)

Text Model

Pairwise test: **Durbin–Conover**, Bars shown: **non–significant**

Dataset: fake