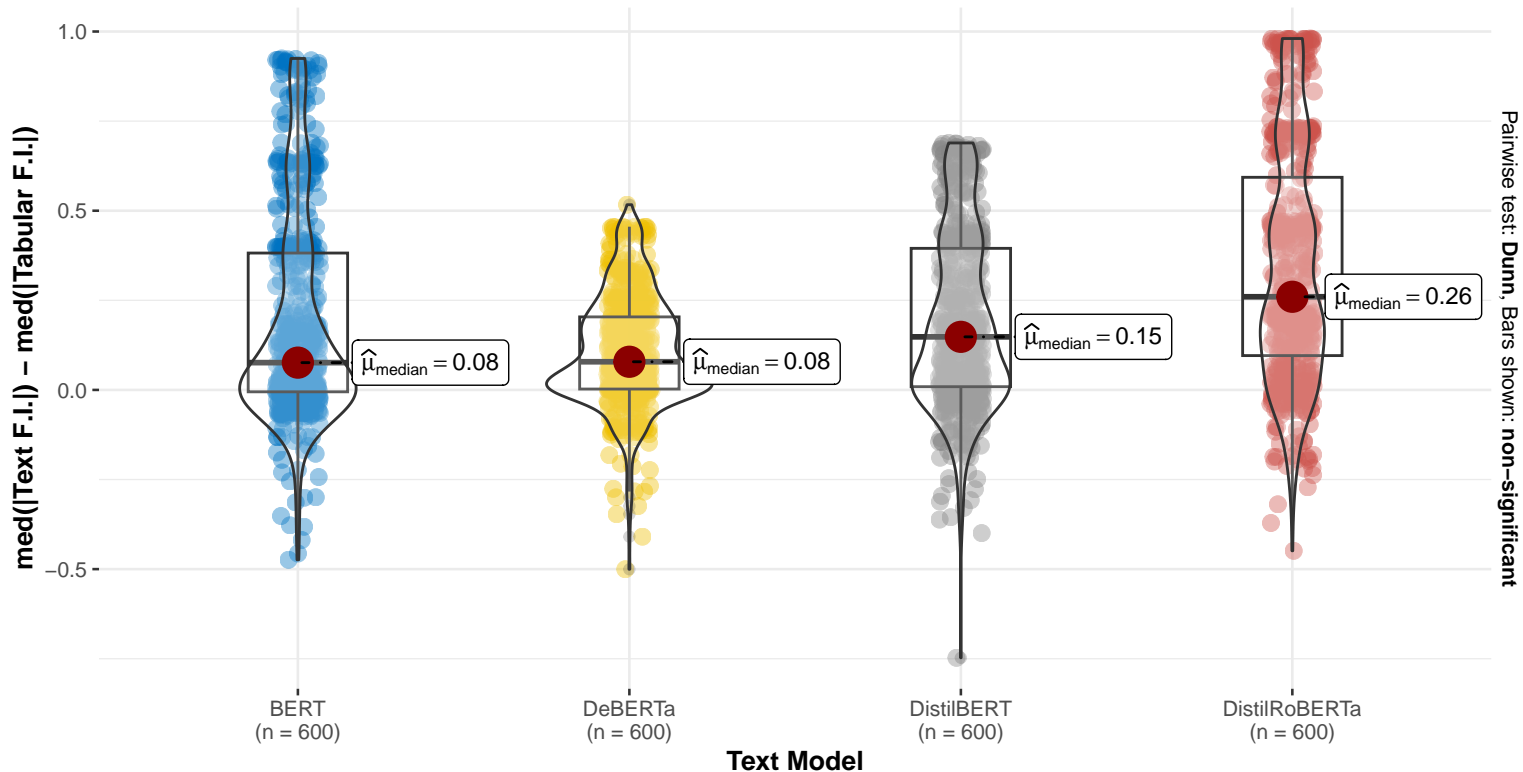# Are Text or Tabular Features Assigned More Importance?,
Difference in Median Absolute Feature Importance (SHAP), by Combination Method

$\chi^2_{\text{Kruskal-Wallis}}(3) = 177.18, p = 3.59\text{e}{-}38, \hat{\epsilon}^2_{\text{ordinal}} = 0.07, \text{CI}_{95\%} [0.06, 1.00], n_{\text{obs}} = 2,400$

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

y-axis: med(|Text F.I.|) − med(|Tabular F.I.|)

x-axis: **Text Model**

BERT (n = 600) — $\hat{\mu}_{\text{median}} = 0.08$

DeBERTa (n = 600) — $\hat{\mu}_{\text{median}} = 0.08$

DistilBERT (n = 600) — $\hat{\mu}_{\text{median}} = 0.15$

DistilRoBERTa (n = 600) — $\hat{\mu}_{\text{median}} = 0.26$

Dataset: fake