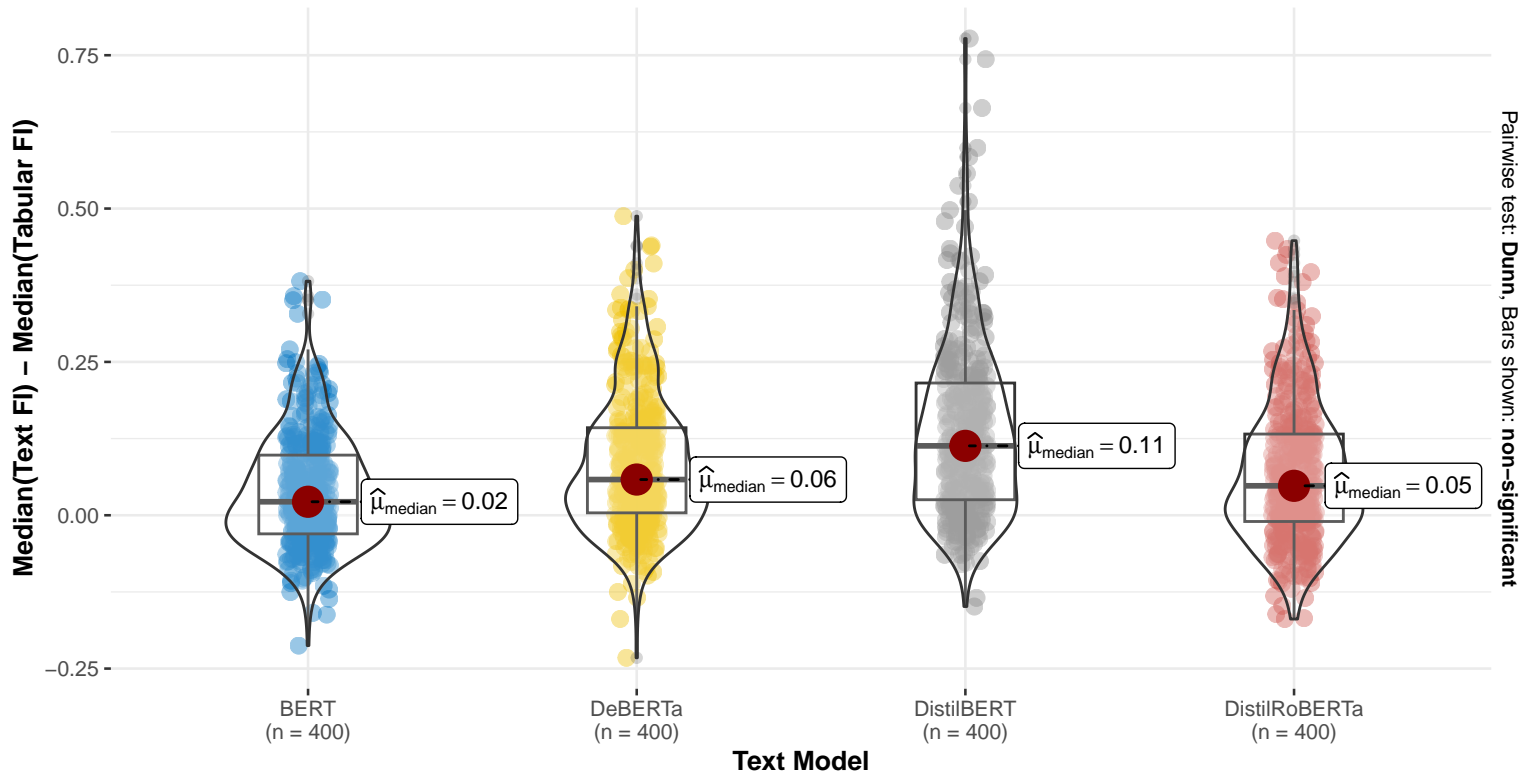# Are Text or Tabular Features Assigned More Importance?, Difference in Median Feature Importance (SHAP), by Combination Method

$\chi^2_{\text{Kruskal-Wallis}}(3) = 119.11, p = 1.20\text{e}{-}25, \hat{\epsilon}^2_{\text{ordinal}} = 0.07, \text{CI}_{95\%} [0.05, 1.00], n_{\text{obs}} = 1,600$

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

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

$\hat{\mu}_{\text{median}} = 0.06$

$\hat{\mu}_{\text{median}} = 0.11$

$\hat{\mu}_{\text{median}} = 0.05$

Median(Text FI) − Median(Tabular FI)

Text Model

BERT (n = 400)

DeBERTa (n = 400)

DistilBERT (n = 400)

DistilRoBERTa (n = 400)

Dataset: channel *All−Text (Unimodal and Multimodal) models excluded