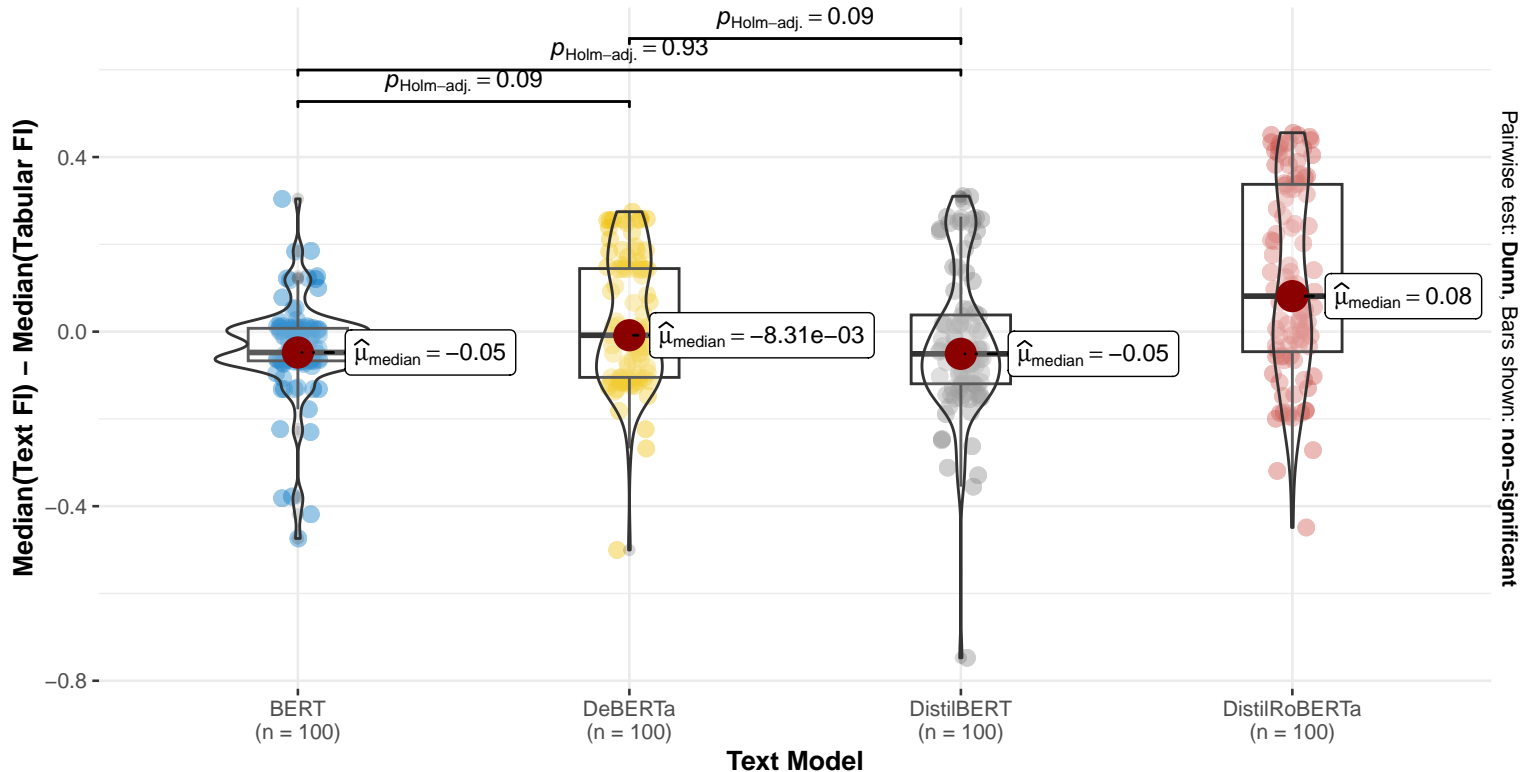# Are Text or Tabular Features Assigned More Importance?, Difference in Median Feature Importance (SHAP), by Combination Method

$\chi^2_{\text{Kruskal-Wallis}}(3) = 34.04$, $p = 1.94e{-}07$, $\widehat{\varepsilon}^2_{\text{ordinal}} = 0.09$, $CI_{95\%}$ [0.04, 1.00], $n_{\text{obs}} = 400$

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

$p_{\text{Holm-adj.}} = 0.09$

$p_{\text{Holm-adj.}} = 0.93$

$p_{\text{Holm-adj.}} = 0.09$

$\widehat{\mu}_{\text{median}} = -0.05$

$\widehat{\mu}_{\text{median}} = -8.31e{-}03$

$\widehat{\mu}_{\text{median}} = -0.05$

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

Median(Text FI) − Median(Tabular FI)

BERT
(n = 100)

DeBERTa
(n = 100)

DistilBERT
(n = 100)

DistilRoBERTa
(n = 100)

Text Model

Dataset: fake Combination Method: Stack