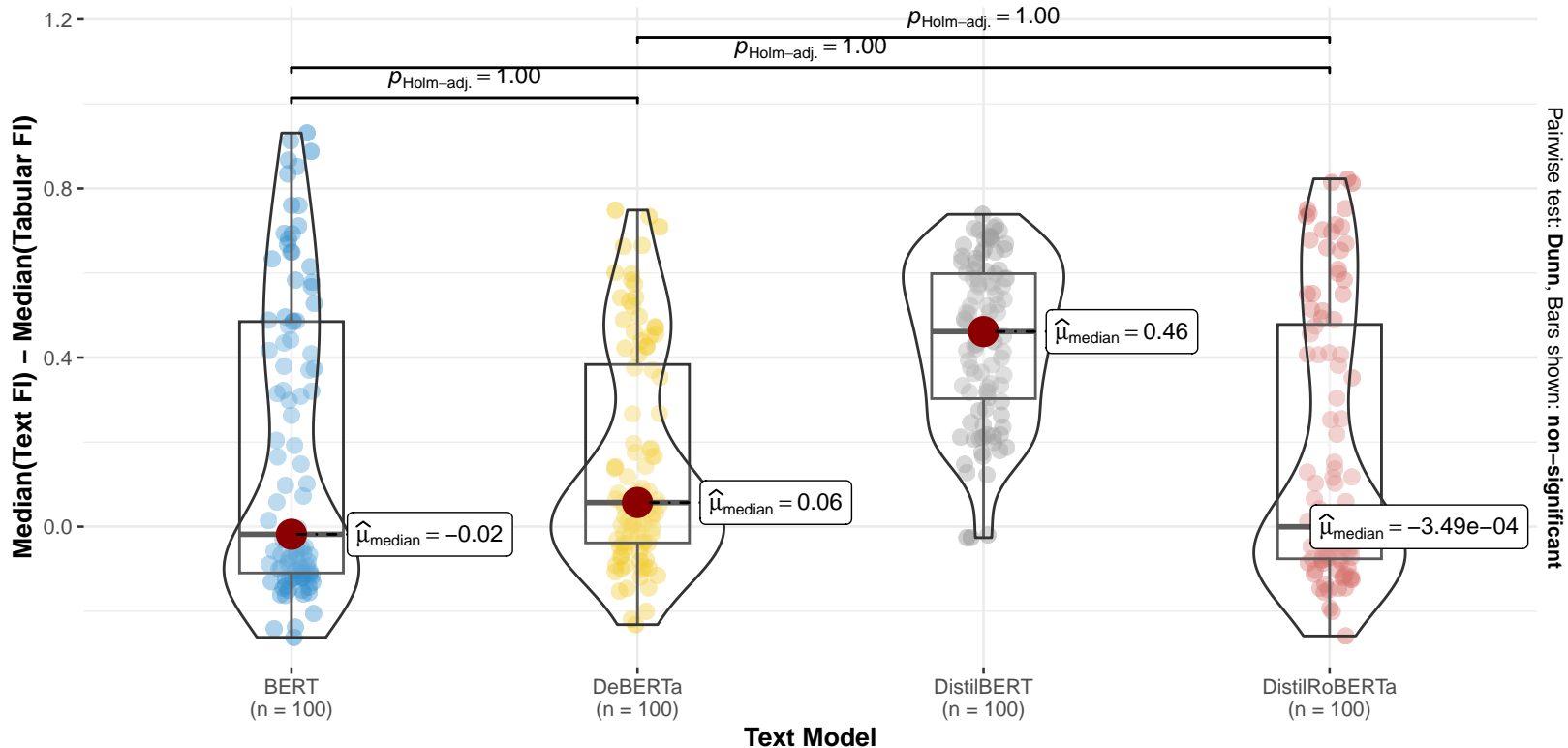# Are Text or Tabular Features Assigned More Importance?, Difference in Median Feature Importance (SHAP), by Text Model

$\chi^2_{\text{Kruskal-Wallis}}(3) = 62.21, p = 1.98e{-}13, \hat{\epsilon}^2_{\text{ordinal}} = 0.16, \text{CI}_{95\%} [0.12, 1.00], n_{\text{obs}} = 400$

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

$p_{\text{Holm-adj.}} = 1.00$

$p_{\text{Holm-adj.}} = 1.00$

$p_{\text{Holm-adj.}} = 1.00$

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

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

$\hat{\mu}_{\text{median}} = 0.46$

$\hat{\mu}_{\text{median}} = -3.49e{-}04$

Median(Text FI) − Median(Tabular FI)

Text Model

BERT (n = 100)

DeBERTa (n = 100)

DistilBERT (n = 100)

DistilRoBERTa (n = 100)

Dataset: prod_sent Combination Method: WE (w=.75)