Are the Same Features Always the Most Important? Absolute Feature Importance (SHAP) Comp
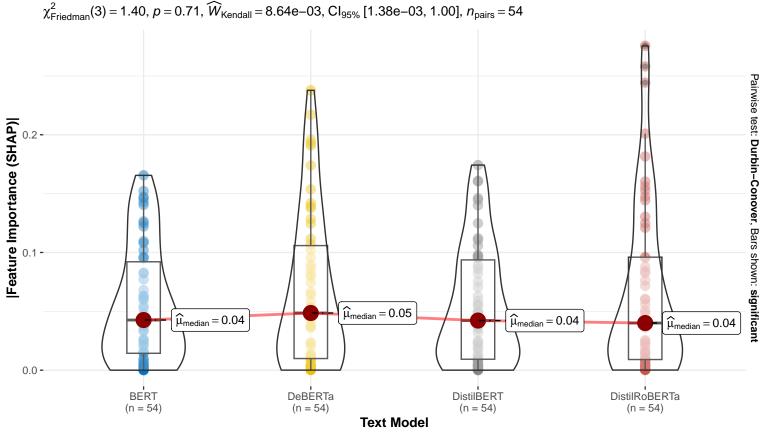
$\chi^2_{\text{Friedman}}(3) = 1.40$, $p = 0.71$, $\widehat{W}_{\text{Kendall}} = 8.64\text{e}{-}03$, $\text{CI}_{95\%}$ [1.38e−03, 1.00], $n_{\text{pairs}} = 54$

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

$\widehat{\mu}_{\text{median}} = 0.04$

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

$\widehat{\mu}_{\text{median}} = 0.04$

$\widehat{\mu}_{\text{median}} = 0.04$

|Feature Importance (SHAP)|

BERT
(n = 54)

DeBERTa
(n = 54)

DistilBERT
(n = 54)

DistilRoBERTa
(n = 54)

Text Model

Dataset: kick