Are the Same Features Always the Most Important? Absolute Feature Importance (SHAP) Comp

 $\chi^2_{\text{Friedman}}(2) = 1.89, p = 0.39, \widehat{W}_{\text{Kendall}} = 0.09, \text{Cl}_{95\%} [2.56\text{e}-03, 1.00], n_{\text{pairs}} = 10$ 1.2 -Pairwise test: Durbin-Conover, Bars shown: significant |Feature Importance (SHAP)| $\widehat{\mu}_{median} = 0.42$ $\widehat{\mu}_{median} = 0.41$ $\widehat{\mu}_{\text{median}} = 0.40$ 0.3 -DeBERTa DistilRoBERTa **BERT**

(n = 10)

Text Model

(n = 10)

Dataset: prod *Distilbert and stack models excluded

(n = 10)