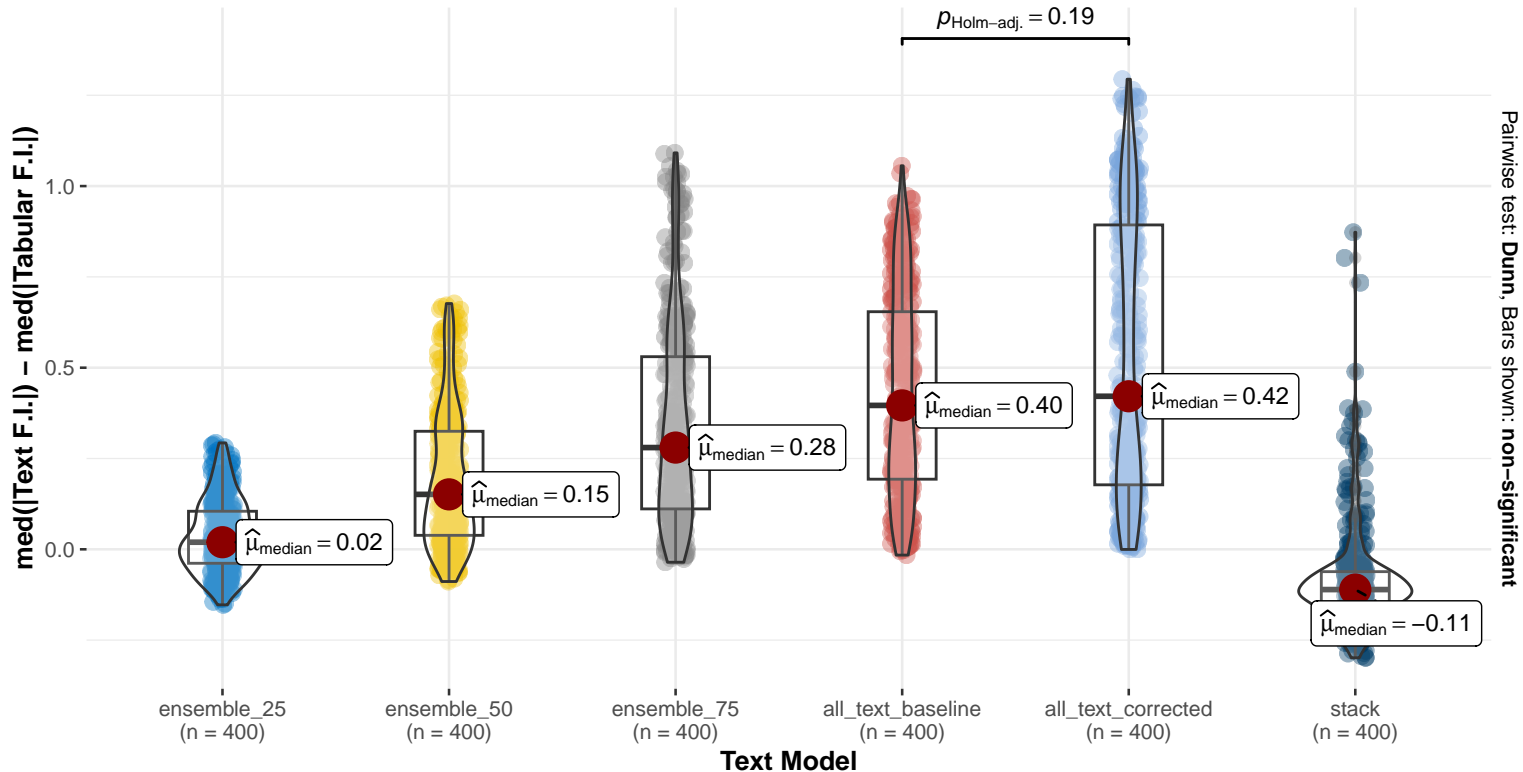# Are Text or Tabular Features Assigned More Importance?
Difference in Median Absolute Feature Importance (SHAP), by Text Model

$\chi^2_{\text{Kruskal-Wallis}}(5) = 1278.50$, $p = 2.90\text{e}{-}274$, $\widehat{\epsilon}^2_{\text{ordinal}} = 0.53$, $\text{CI}_{95\%}$ [0.51, 1.00], $n_{\text{obs}} = 2{,}400$

$p_{\text{Holm-adj.}} = 0.19$

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

$\widehat{\mu}_{\text{median}} = 0.15$

$\widehat{\mu}_{\text{median}} = 0.28$

$\widehat{\mu}_{\text{median}} = 0.40$

$\widehat{\mu}_{\text{median}} = 0.42$

$\widehat{\mu}_{\text{median}} = -0.11$

med(|Text F.I.|) − med(|Tabular F.I.|) (y-axis)

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

| ensemble_25 (n = 400) | ensemble_50 (n = 400) | ensemble_75 (n = 400) | all_text_baseline (n = 400) | all_text_corrected (n = 400) | stack (n = 400) |

Text Model

Dataset: channel *all_text_baseline and all_text_corrected models excluded