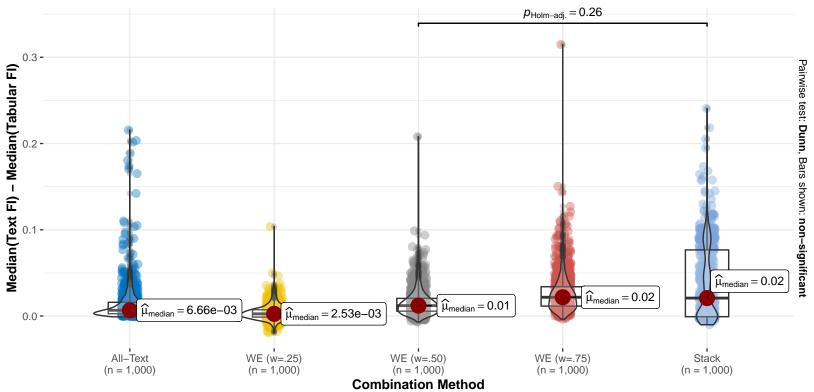# Are Text or Tabular Features Assigned More Importance?,
Difference in Median Feature Importance (SHAP), by Combination Method

$\chi^2_{\text{Kruskal-Wallis}}(4) = 950.64$, $p = 1.78\text{e}{-}204$, $\widehat{\varepsilon}^2_{\text{ordinal}} = 0.19$, $\text{CI}_{95\%}$ [0.18, 1.00], $n_{\text{obs}} = 5{,}000$

$p_{\text{Holm-adj.}} = 0.26$

Median(Text FI) − Median(Tabular FI)

$\widehat{\mu}_{\text{median}} = 6.66\text{e}{-}03$

$\widehat{\mu}_{\text{median}} = 2.53\text{e}{-}03$

$\widehat{\mu}_{\text{median}} = 0.01$

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

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

All−Text
(n = 1,000)

WE (w=.25)
(n = 1,000)

WE (w=.50)
(n = 1,000)

WE (w=.75)
(n = 1,000)

Stack
(n = 1,000)

Combination Method

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

Dataset: vetText Model: PetBERT