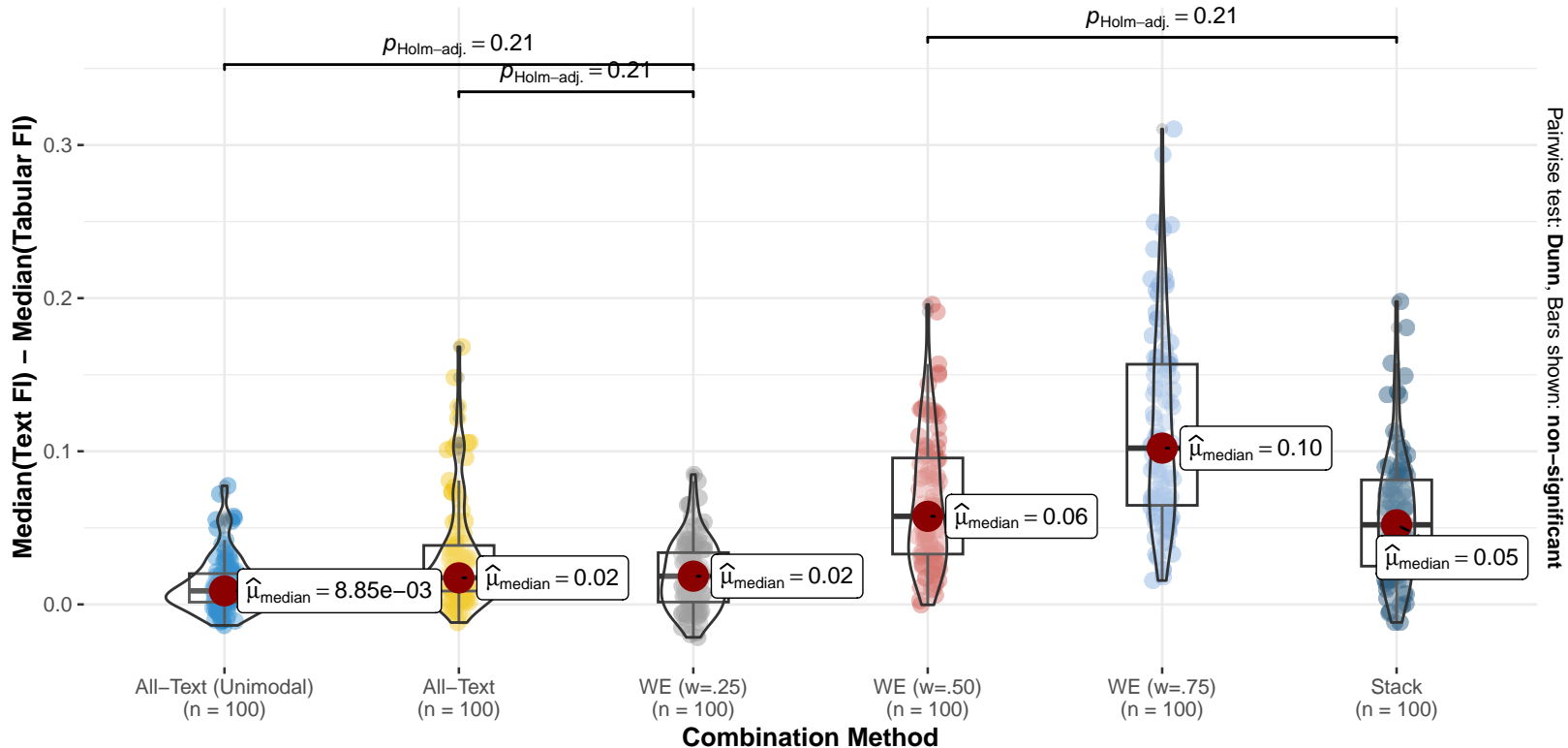**Are Text or Tabular Features Assigned More Importance?,**
Difference in Median Feature Importance (SHAP), by Combination Method

$\chi^2_{\text{Kruskal-Wallis}}(5) = 270.94$, $p = 1.76e{-}56$, $\hat{\epsilon}^2_{\text{ordinal}} = 0.45$, $\text{CI}_{95\%}$ [0.41, 1.00], $n_{\text{obs}} = 600$

Median(Text FI) − Median(Tabular FI)

$p_{\text{Holm-adj.}} = 0.21$

$p_{\text{Holm-adj.}} = 0.21$

$p_{\text{Holm-adj.}} = 0.21$

$\hat{\mu}_{\text{median}} = 8.85e{-}03$

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

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

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

$\hat{\mu}_{\text{median}} = 0.10$

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

All−Text (Unimodal)
(n = 100)

All−Text
(n = 100)

WE (w=.25)
(n = 100)

WE (w=.50)
(n = 100)

WE (w=.75)
(n = 100)

Stack
(n = 100)

Combination Method

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

Dataset: airbnb Text Model: DistilRoBERTa