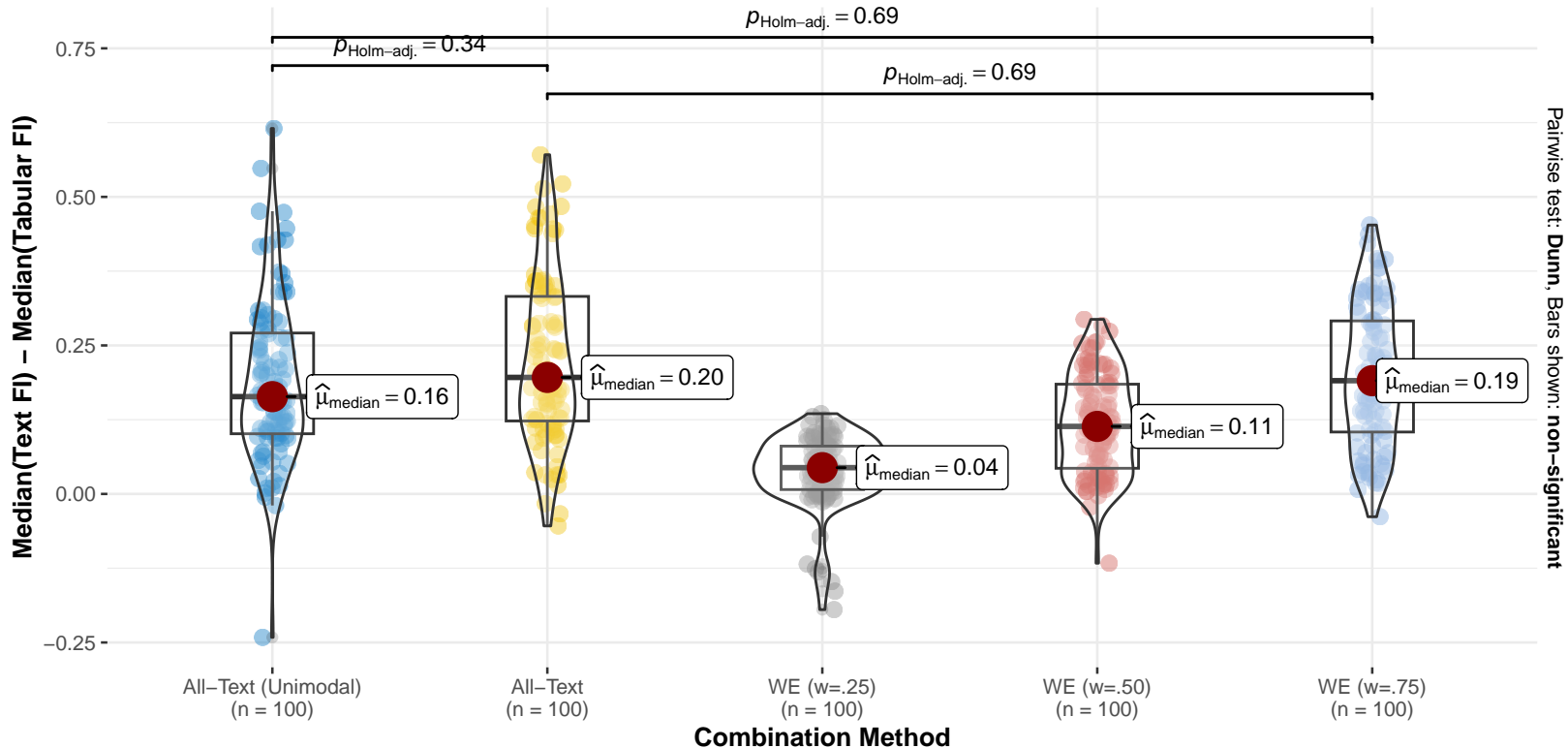**Are Text or Tabular Features Assigned More Importance?,**
Difference in Median Feature Importance (SHAP), by Combination Method

$\chi^2_{\text{Kruskal-Wallis}}(4) = 153.08$, $p = 4.45e{-}32$, $\hat{\epsilon}^2_{\text{ordinal}} = 0.31$, $\text{CI}_{95\%}$ [0.26, 1.00], $n_{\text{obs}} = 500$

$p_{\text{Holm-adj.}} = 0.69$

$p_{\text{Holm-adj.}} = 0.34$

$p_{\text{Holm-adj.}} = 0.69$

Median(Text FI) − Median(Tabular FI)

0.75
0.50
0.25
0.00
−0.25

$\hat{\mu}_{\text{median}} = 0.16$
$\hat{\mu}_{\text{median}} = 0.20$
$\hat{\mu}_{\text{median}} = 0.04$
$\hat{\mu}_{\text{median}} = 0.11$
$\hat{\mu}_{\text{median}} = 0.19$

All−Text (Unimodal)
(n = 100)

All−Text
(n = 100)

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

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

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

Combination Method

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

Dataset: salary Text Model: BERT