Are Tabular features or the Text Record Assigned More Importance?,
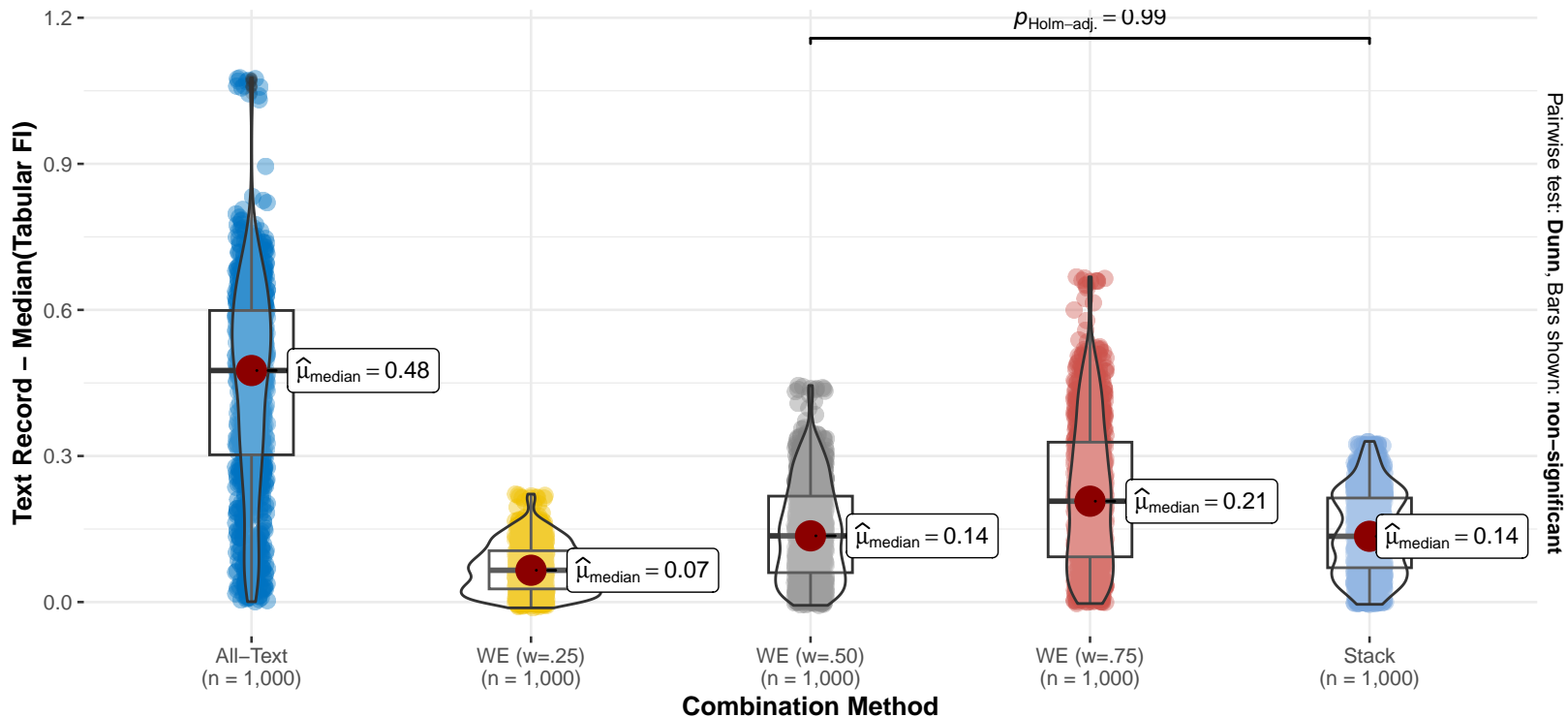**Text Record Feature Importance – Median Tabular Feature Importance (SHAP),**
by Combination Method

$\chi^2_{\text{Kruskal-Wallis}}(4) = 1948.64, p = 0.00, \hat{\varepsilon}^2_{\text{ordinal}} = 0.39, \text{CI}_{95\%} [0.37, 1.00], n_{\text{obs}} = 5{,}000$

$p_{\text{Holm-adj.}} = 0.99$

Y-axis: **Text Record − Median(Tabular FI)**

X-axis: **Combination Method**

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)

$\hat{\mu}_{\text{median}} = 0.48$
$\hat{\mu}_{\text{median}} = 0.07$
$\hat{\mu}_{\text{median}} = 0.14$
$\hat{\mu}_{\text{median}} = 0.21$
$\hat{\mu}_{\text{median}} = 0.14$

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

Dataset: vetText Model: BERT