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

- Median(Tabular FI)

All-Text

(n = 2,000)

WE (w=.25)

(n = 2,000)

 $\chi^2_{\text{Kruskal-Wallis}}(4) = 2515.25, p = 0.00, \hat{\epsilon}^2_{\text{ordinal}} = 0.25, \text{Cl}_{95\%}[0.24, 1.00], n_{\text{obs}} = 10,000$  $p_{\text{Holm-adj.}} = 0.50$ Pairwise test: Dunn, Bars shown: non-significant Text Record  $\widehat{\mu}_{median} = 0.43$  $\widehat{\mu}_{median} = 0.21$  $\widehat{\mu}_{\text{median}} = 0.15$  $\widehat{\mu}_{\text{median}} = 0.14$  $\widehat{\mu}_{\text{median}} = 0.06$ 0.0 -

WE (w=.50)

(n = 2,000)

**Combination Method** 

WE (w=.75)

(n = 2,000)

Stack

(n = 2,000)