



Kruskal-Wallis test P-value = 0.27

- Interaction map - TRB - epitope-grouped - shuffled negatives - no downsampling ( $\overline{AUROC} = 0.58 \pm 0.04$  s)
- Interaction map - TRB - epitope-grouped - shuffled negatives - moderate downsampling ( $\overline{AUROC} = 0.54 \pm 0.04$  s)
- Interaction map - TRB - epitope-grouped - shuffled negatives - strong downsampling ( $\overline{AUROC} = 0.55 \pm 0.02$  s)