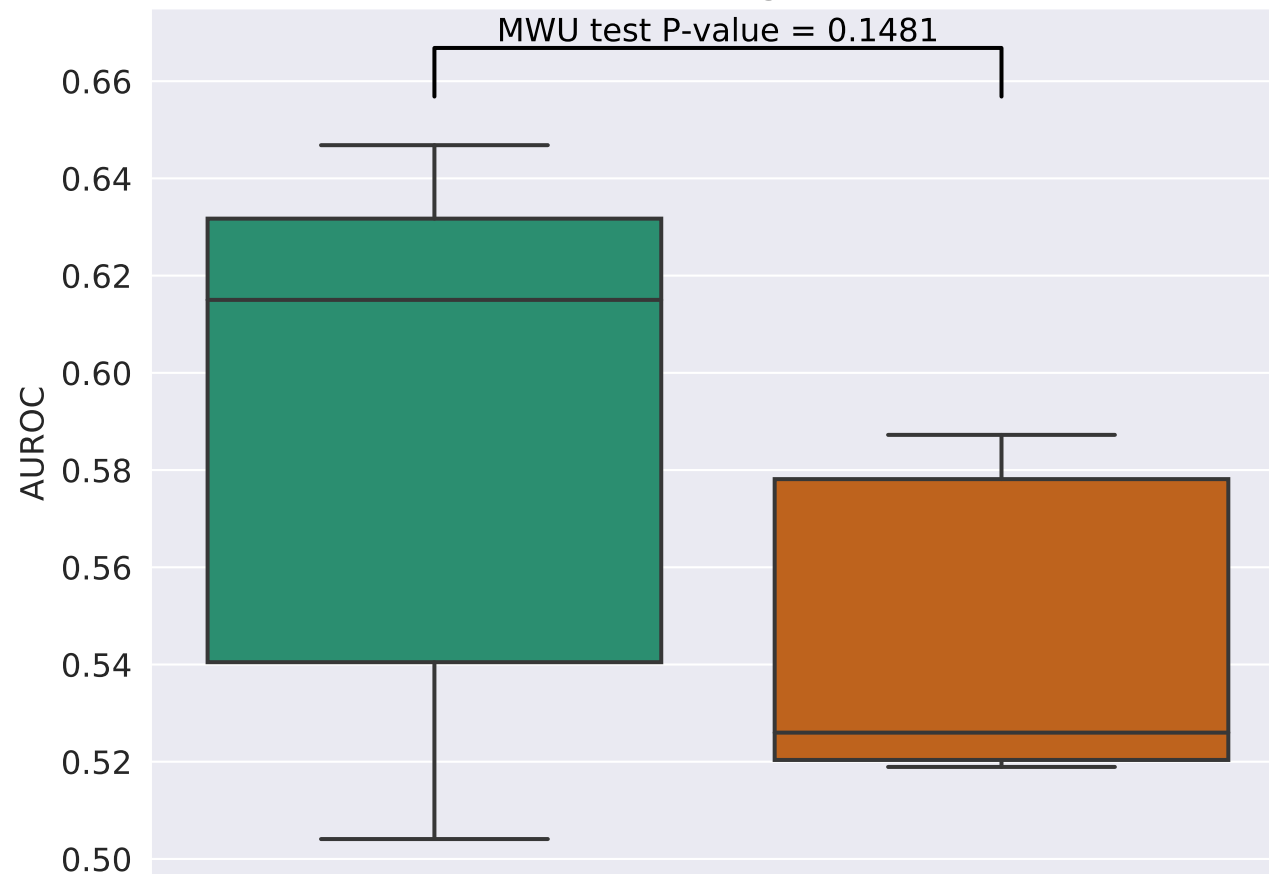




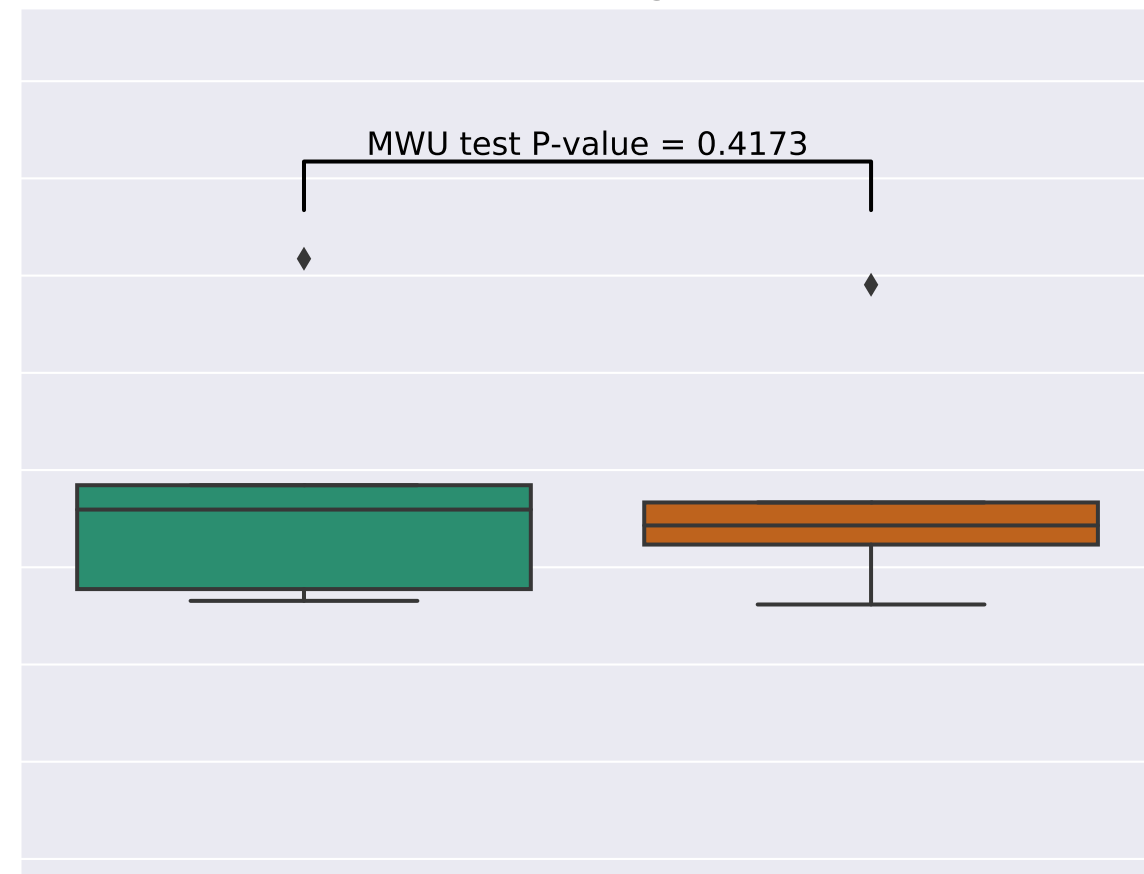
Shuffled negatives





 Dual input - TRB - epitope-grouped - shuffled negatives  
( $\overline{AUROC} = 0.59 \pm 0.06$  s)

 Dual input - TRB - epitope-grouped - shuffled negatives - decoy  
( $\overline{AUROC} = 0.55 \pm 0.03$  s)

Reference negatives



 Dual input - TRB - epitope-grouped - reference negatives  
( $\overline{AUROC} = 0.58 \pm 0.03$  s)

 Dual input - TRB - epitope-grouped - reference negatives - decoy  
( $\overline{AUROC} = 0.58 \pm 0.03$  s)