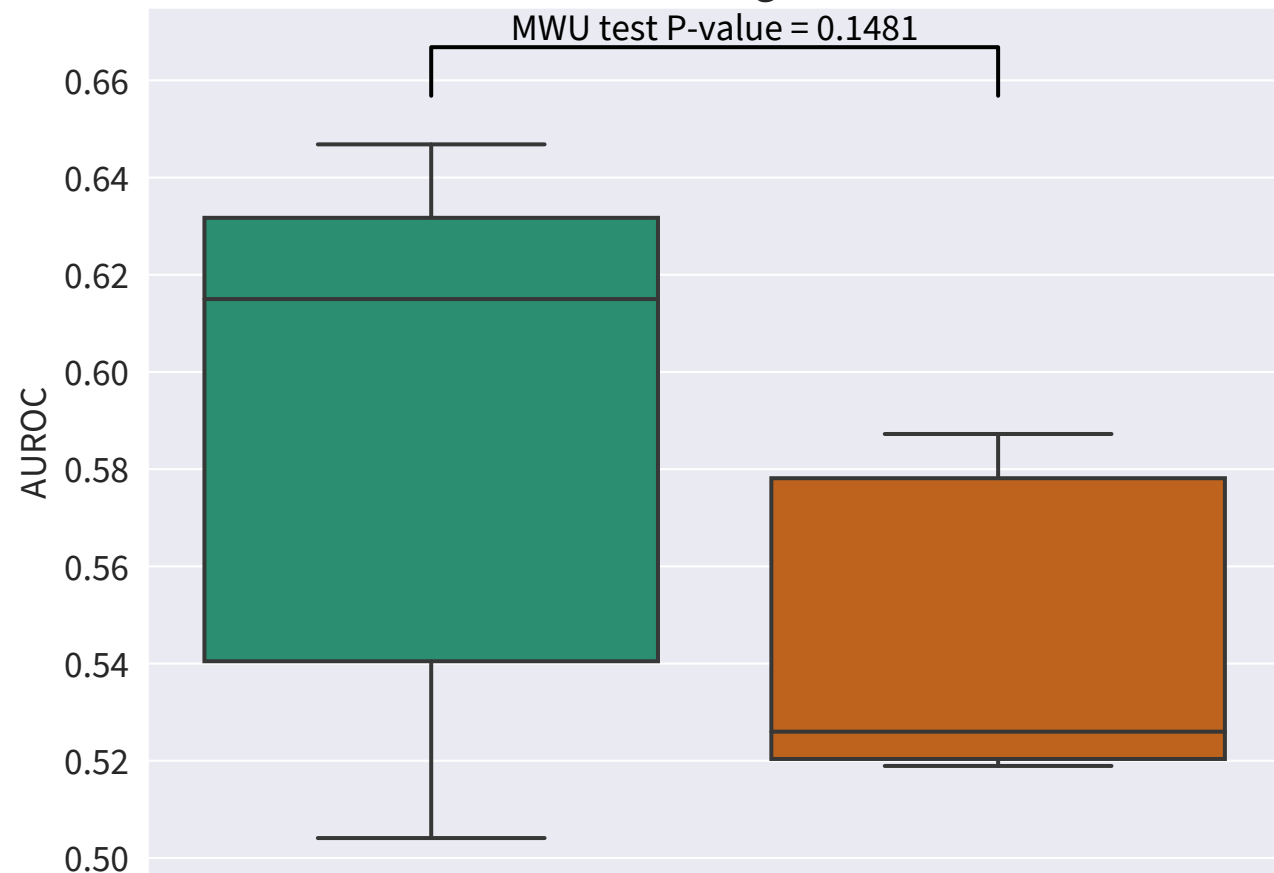




Shuffled negatives

MWU test P-value = 0.1481

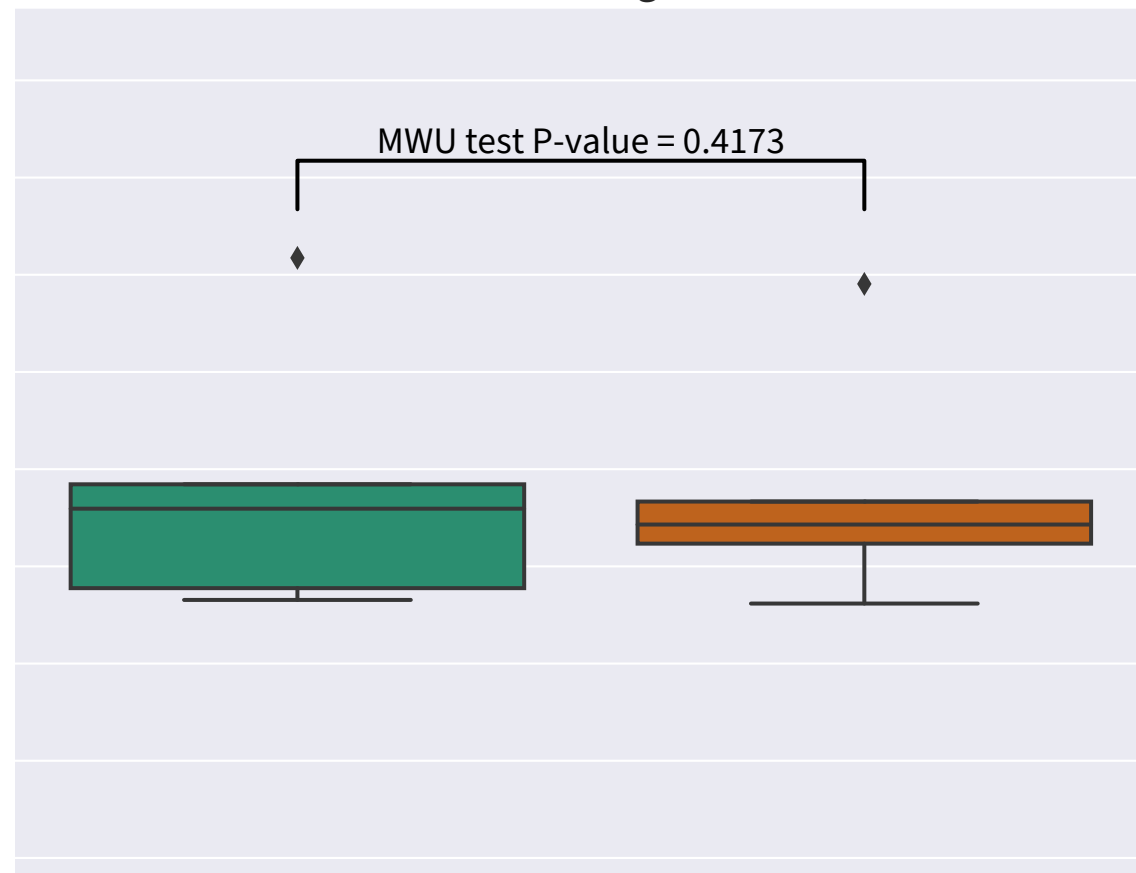



 Dual input - TRB - epitope-grouped - shuffled negatives
($\overline{AUROC} = 0.59 \pm 0.06$ s)


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

Reference negatives

MWU test P-value = 0.4173



 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)