

## Codon-Invariant TIS Context Model — Ablations & Interpretability

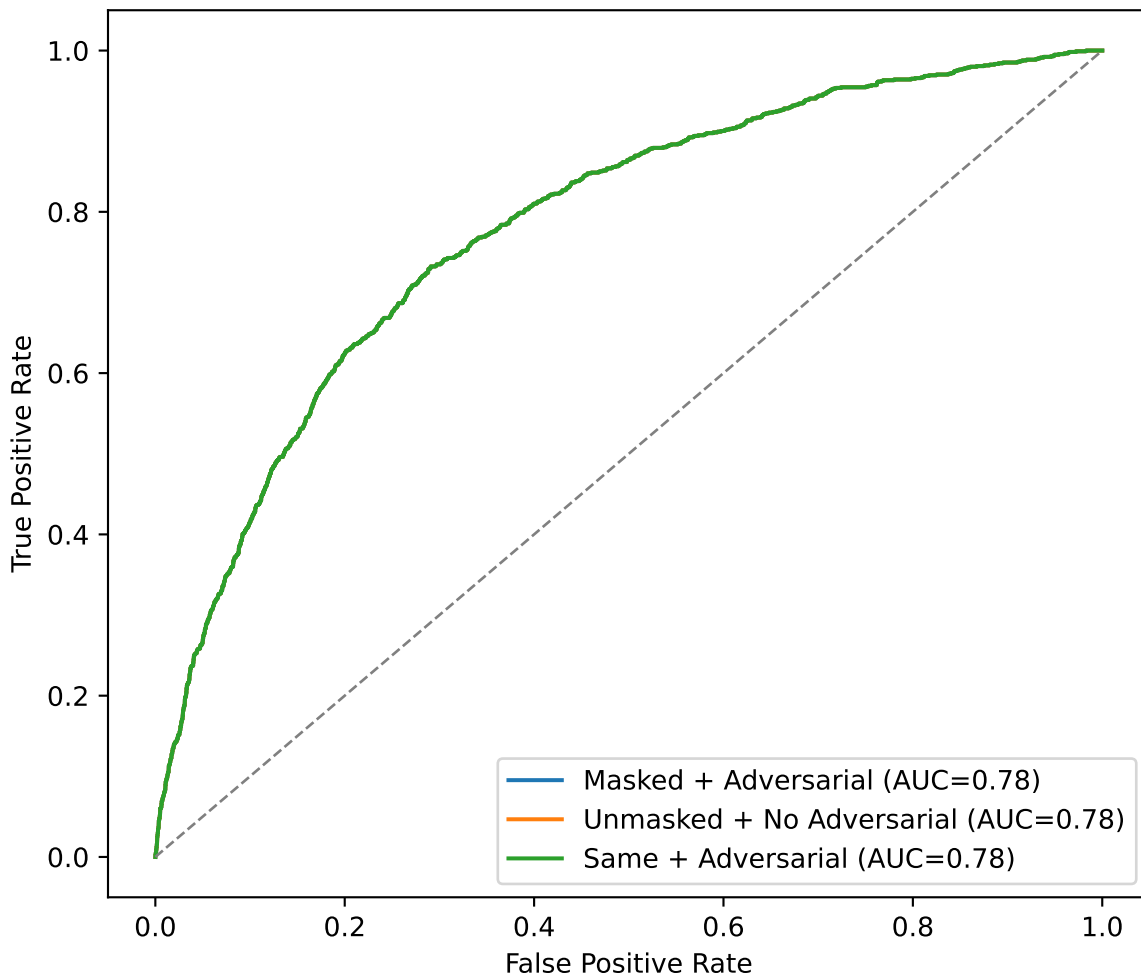
Ablations included:

- Masked + Adversarial
- Unmasked + No Adversarial
- Same + Adversarial

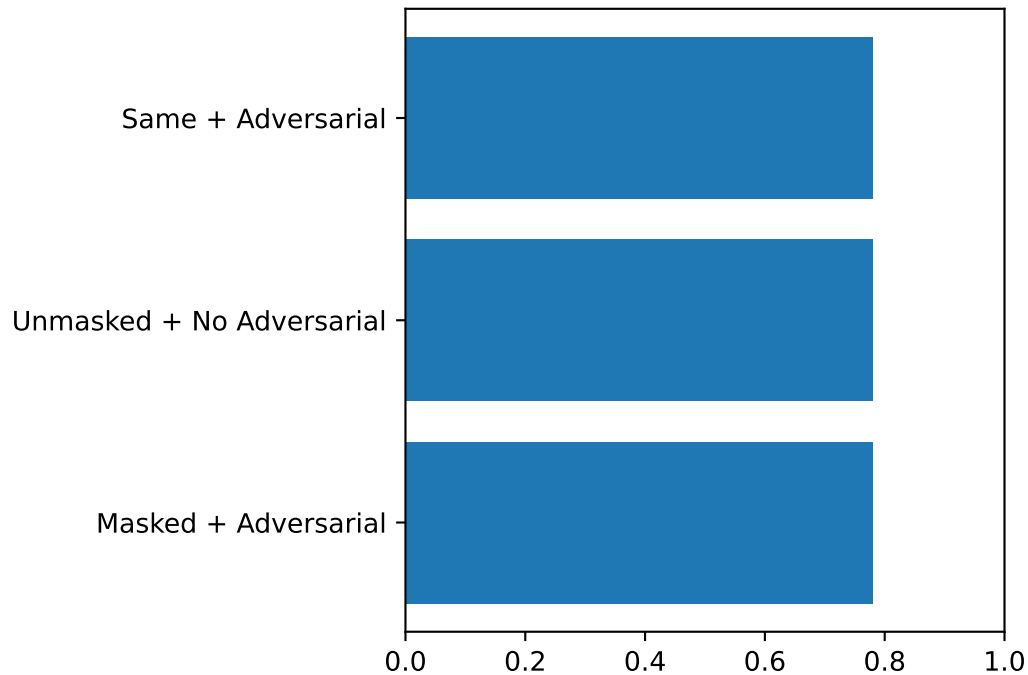
Metrics:

- Masked + Adversarial: TIS AUROC=0.780 | Codon-acc=0.210 (random $\approx$ 0.100)
- Unmasked + No Adversarial: TIS AUROC=0.780 | Codon-acc=0.210 (random $\approx$ 0.100)
- Same + Adversarial: TIS AUROC=0.780 | Codon-acc=0.210 (random $\approx$ 0.100)

ROC Curves



TIS AUROC

Codon-Head Accuracy ( $\downarrow$  closer to random)