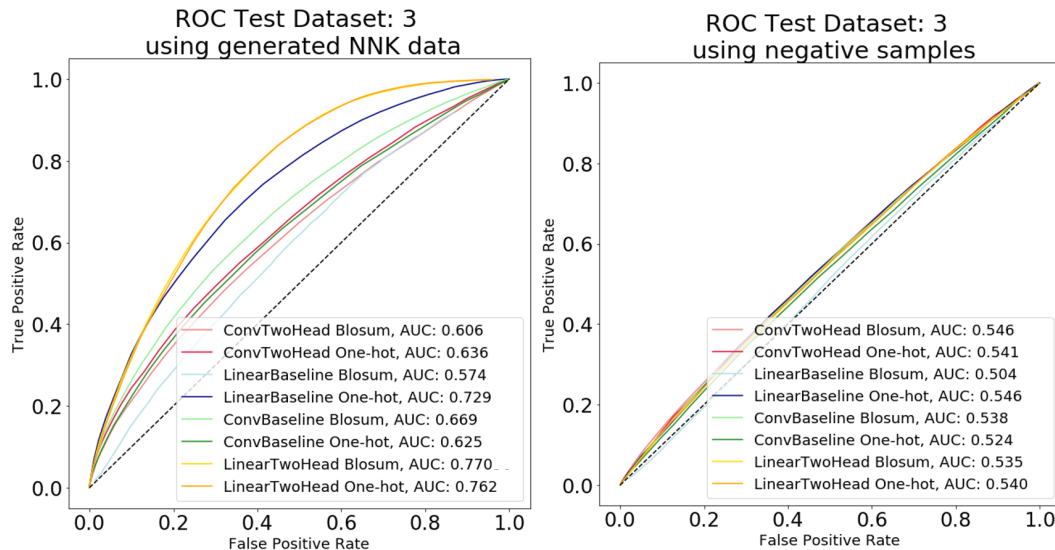


## 5 Appendix

**Additional Results** Figure 2 reports the ROC curves and AUC numbers on experimental replicate 3, in combination with both negative replicate data and randomly generated NNK data, across 2 encoding styles and 4 network architectures. For the AUC numbers, we report a 95% confidence interval of  $AUC \pm 0.005$  using 25k samples.



**Figure 2:** Like with the experimental replicate dataset 4, it seems like encoding does not play a large role in performance across networks. It seems like our LinearTwoHead architecture performs best across both tasks here as well.