Confusion matrices for Model Trained on s\_h2, Testing on 0, e XGB: 0.801 - 0.5 entangled 0.572007 0.0946596 - 0.4 - 0.3 separable 0.103984 0.229349 0.2 entangled separable Predicted NN3: 0.667 - 0.6 entangled 0.666667 0 0.5 - 0.4 - 0.3 separable - 0.2 0.333333 0 - 0.1 - 0.0 entangled separable Predicted NN5: 0.667 - 0.6 entangled 0.666667 0 - 0.5 - 0.4 - 0.3 separable - 0.2 0.333333 0 - 0.1 0.0 entangled separable **Predicted** 

Actual