

Some Plots

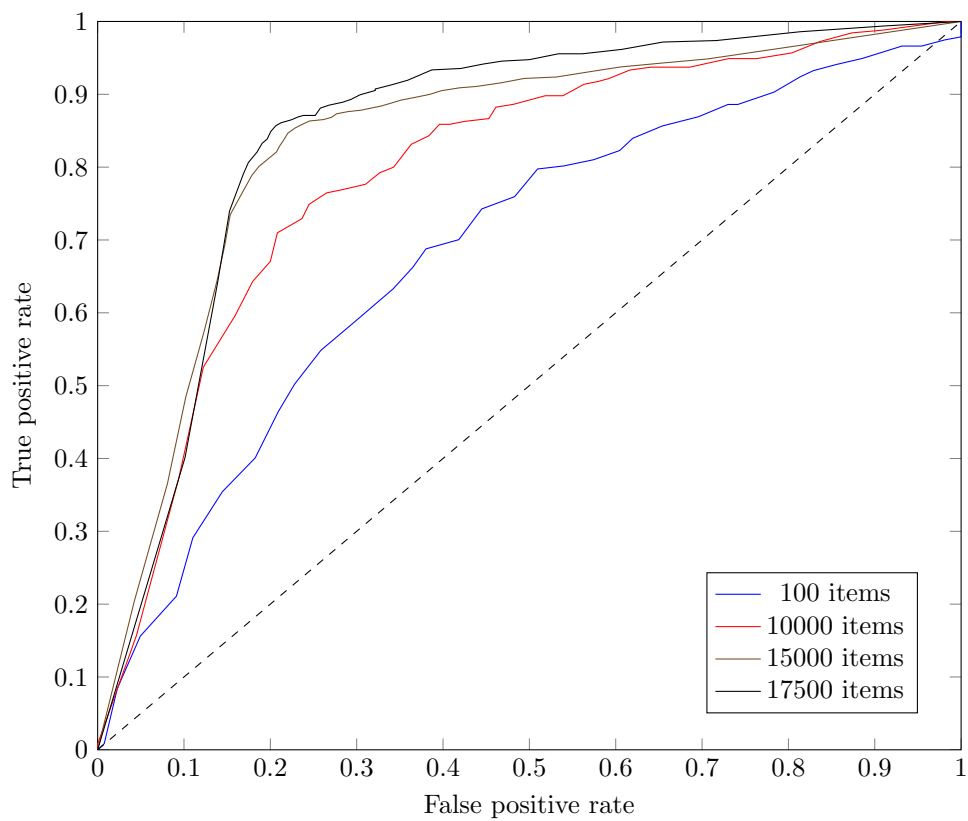


Figure 1: An ROC plot for training sets of various sizes showing performance improvement with increased size of training set. The AUC of the best curve (black) is 0.85 (1 is optimal). This was achieved with 17500 training examples, 25 epochs.

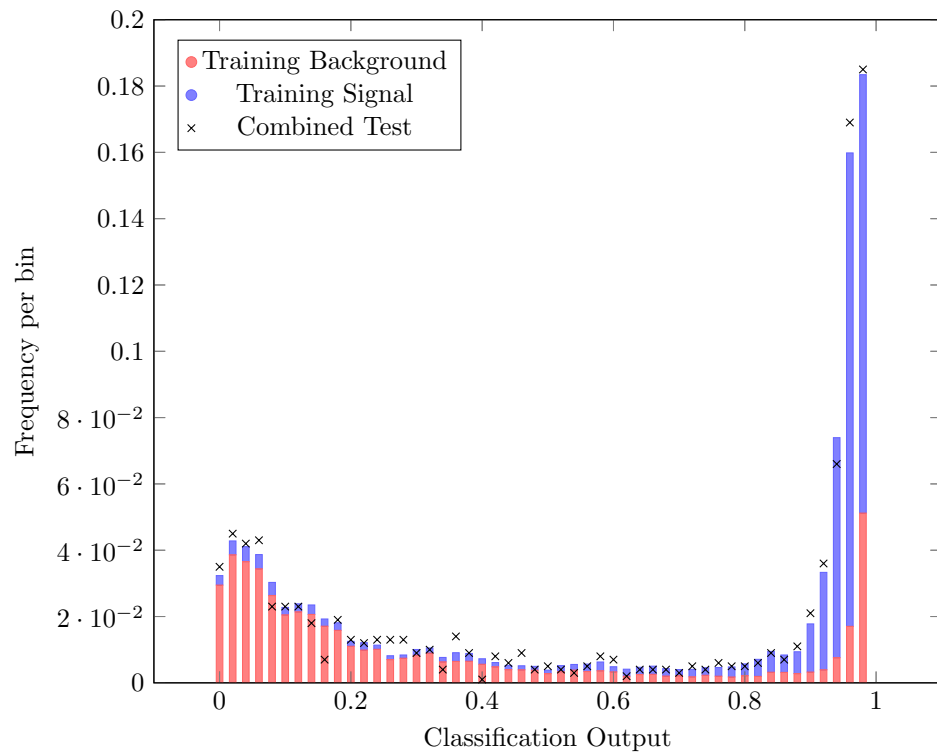


Figure 2: A histogram for the best ROC curve classifier above. The results show the network is not over-trained, but exposes some interesting behaviour: the classifier incorrectly identifies a significant number of background results as looking like signal.