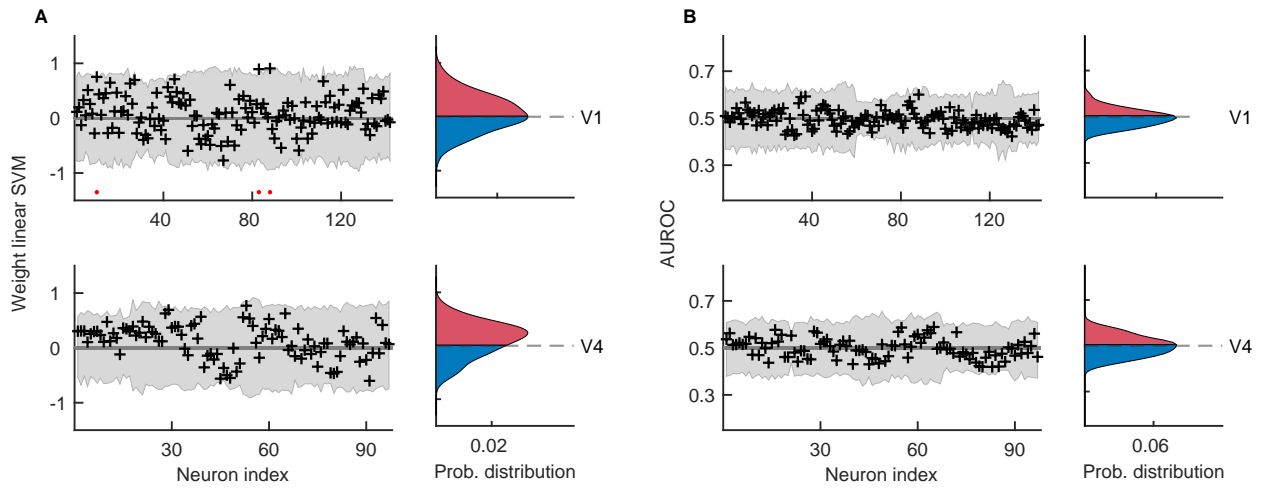# Supplementary fig. 2: Area under the ROC curve and feature weights of the linear SVM during target time window.

A) Left: Feature weights of the linear SVM during target (black). Weights have been collected across recording sessions. The gray area shows the distribution of weights of models with permuted class labels ($nperm = 1000$). Right: Population weights, pooled across neurons from all recording session. **B)** Left: $AUROC$ scores during target time window (black) in V1 (top) and V4 (bottom). The gray area indicates the distribution of results for models with permuted class labels ($nperm = 1000$). Right: $AUROC$ scores, pooled across neurons. The asterisk marks significance of the deviation of the distribution from 0.5 (permutation test, $nperm = 1000$).