

Fig.3: Principal component 1 feature weights. The higher weight corresponds to a higher representation of the clinical feature. Green highlights positive feature contribution for PC1 value and for the longer duration of surgical response, red corresponds to the negative contribution, and grey - has a low absolute value (<0.05). The frequency of pain episodes, degree of medication relief, the character of pain as well as clinical history are predictive of the duration of surgical response

Questions - Hypothyroid is positive (this is not an error) - there is no incidence of hypothyroidism in non-responders and short-term responders, but there's some in long-term responders

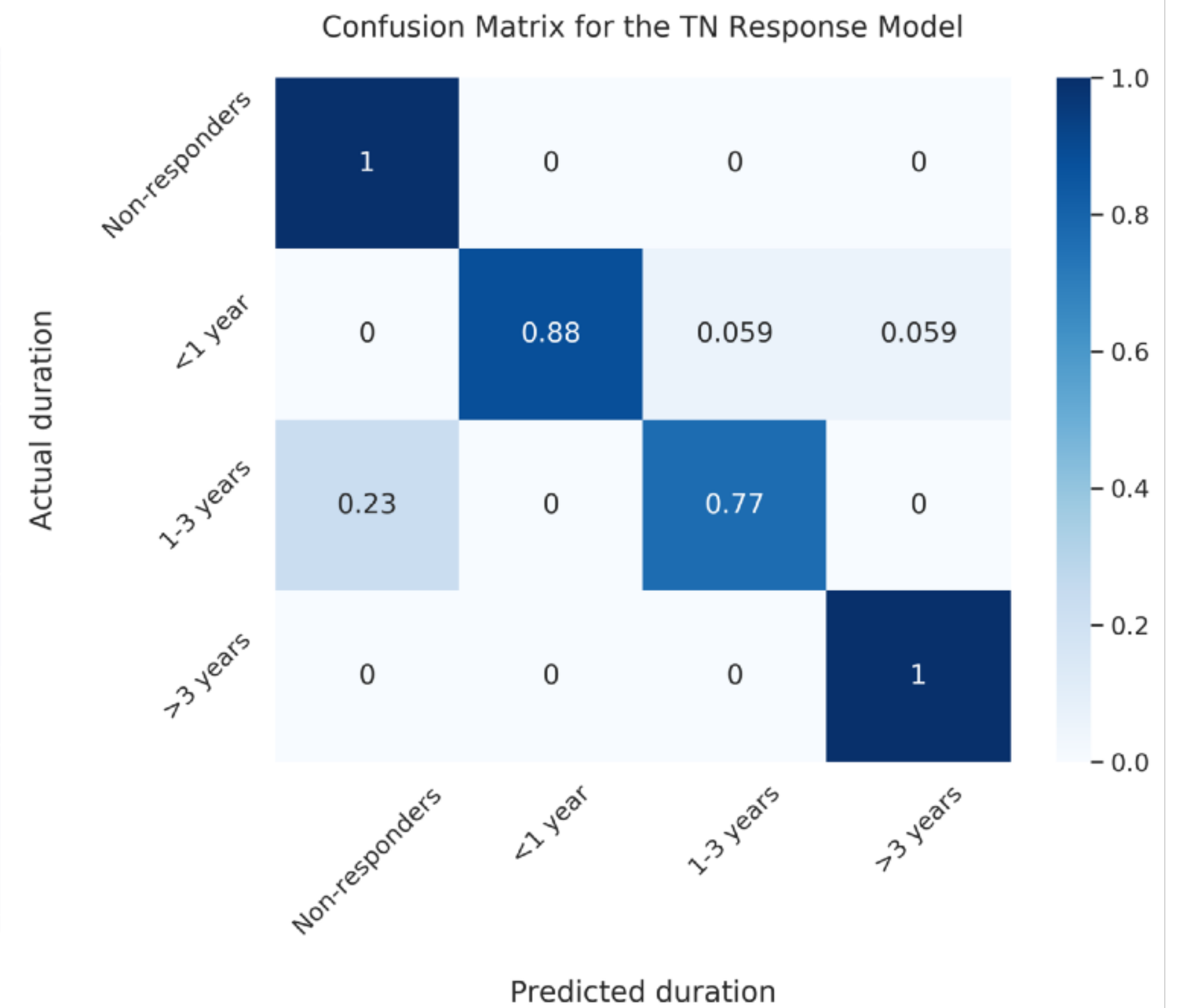
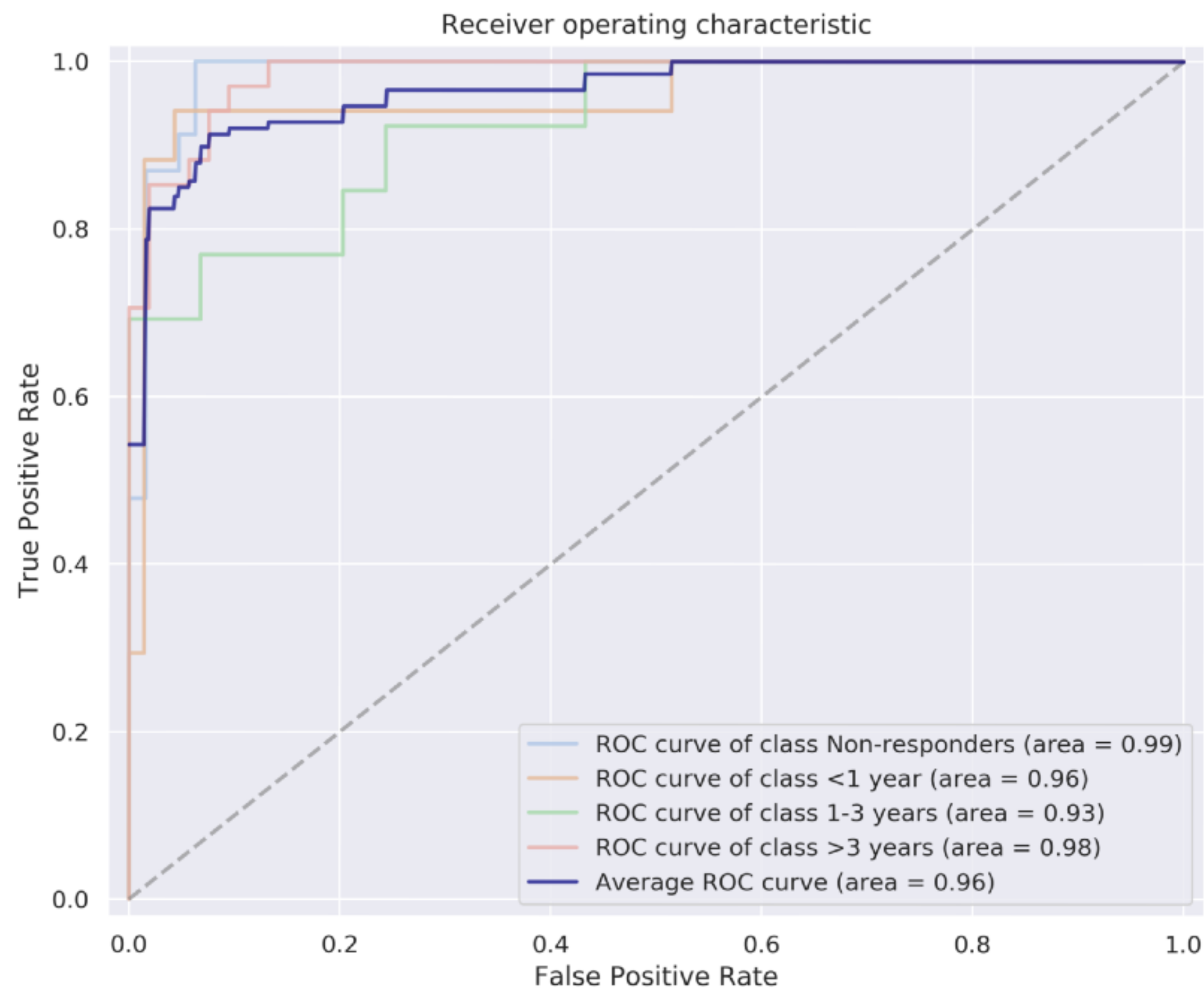


Fig. 4: One-vs-Rest classifier performance - duration of response can be identified using T1 metrics only with an accuracy of 94.4%. A - receiver operator curves for each class estimator and OvR classifier, B - normalized confusion matrix demonstrates the proportion of data classified correctly for each class. Average 10-fold cross-validation testing results are reported