# TFL using Kinetics-400

Kinetics-skeleton dataset is used as the source dataset in the TFL. Target child data were not used in the source dataset model training.

Finetuning , Feature Extraction and Propagation Methods were implemented.

The results were compared along with the vanilla models.

For target datasets 4 subsets were used.

1 – full 8 class child dataset

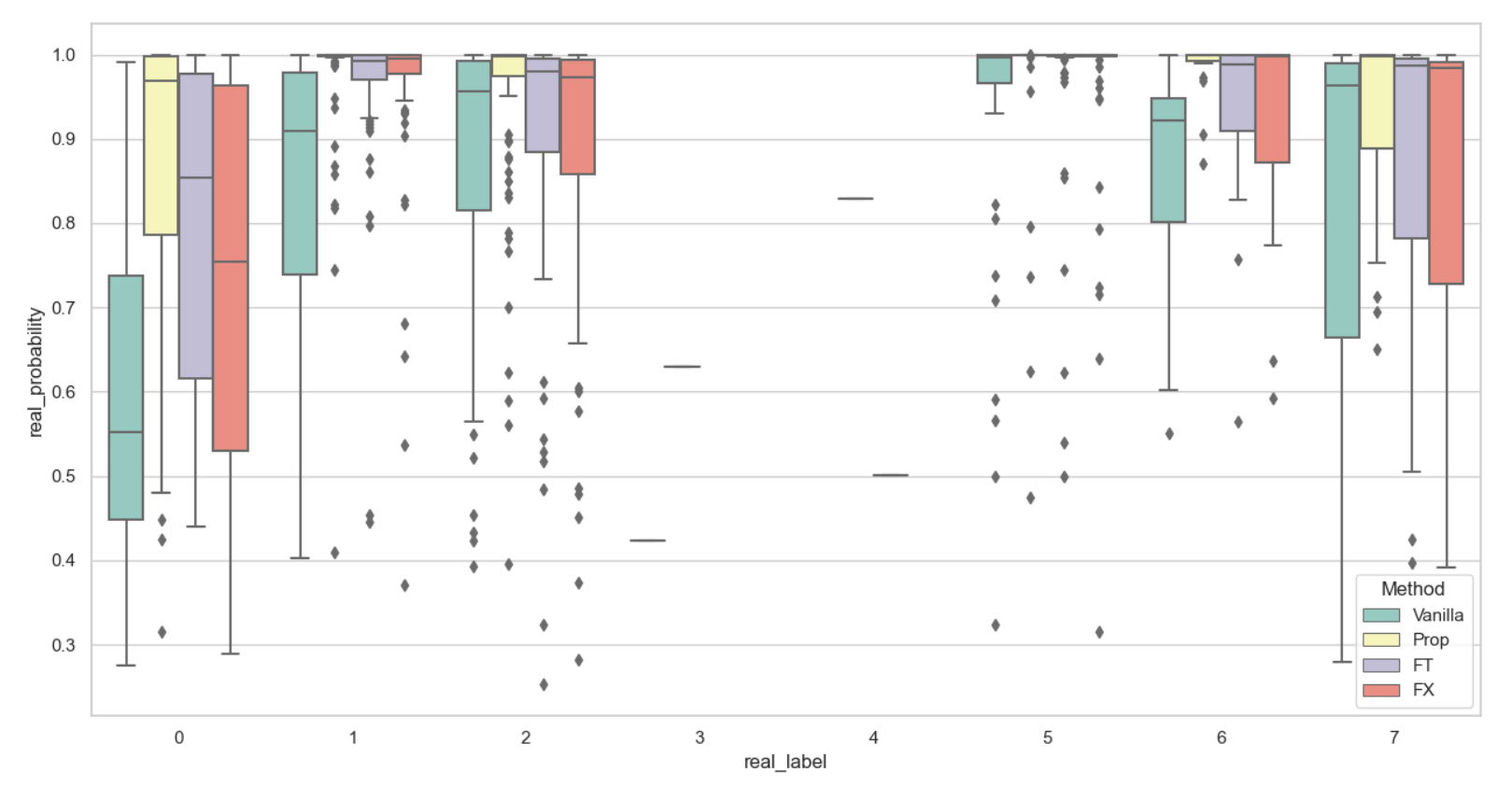
2 – 5 large – unbalanced child subset

3 – 5 large – balanced child subset

4 – 3 small child subset

## Full 8 class dataset

### Vanilla model

classified

Misclassified

Chart, box and whisker chart

Description automatically generated

All samples

Chart, box and whisker chart

Description automatically generated

Try vanilla implementation with same FC in the below results.

