

# Supplemental material to paper 'Joint feature selection and classification for positive unlabelled multi-label data using weighted penalized empirical risk minimization'

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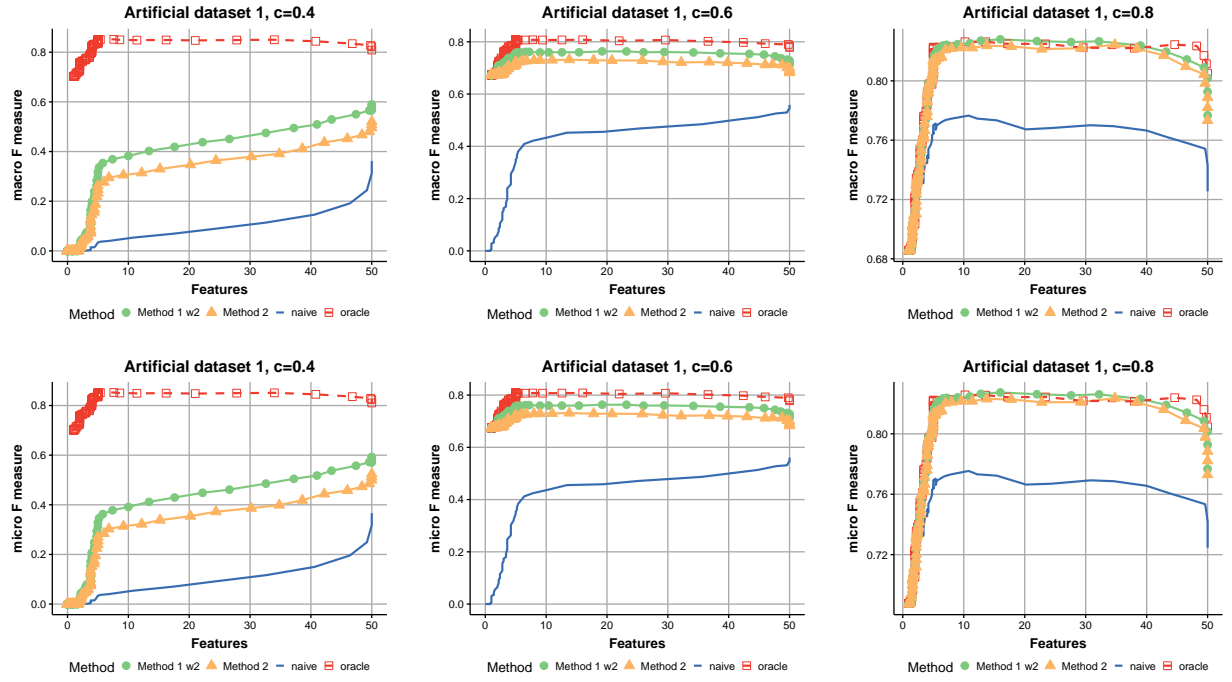


Figure 1: Macro F measure and micro F measure with respect to number of selected features for Artificial dataset 1 for different values of parameter  $c$  (labelling scheme 1).

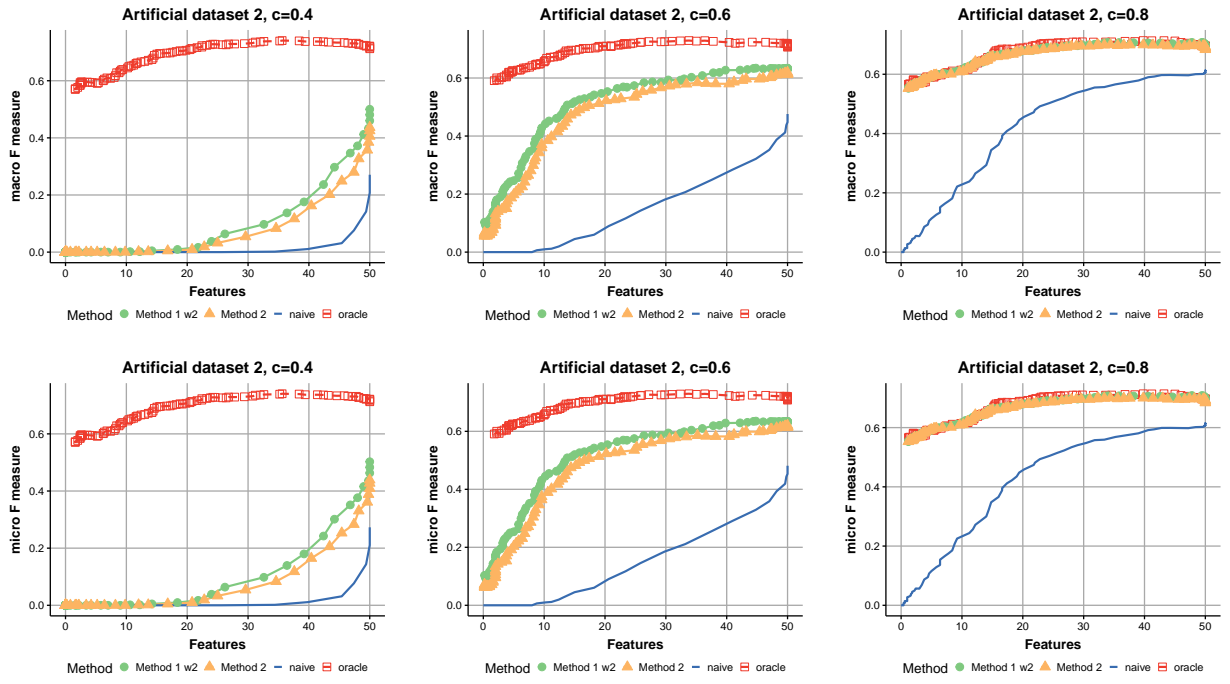


Figure 2: Macro F measure and micro F measure with respect to number of selected features for Artificial dataset 2 for different values of parameter  $c$  (labelling scheme 1).

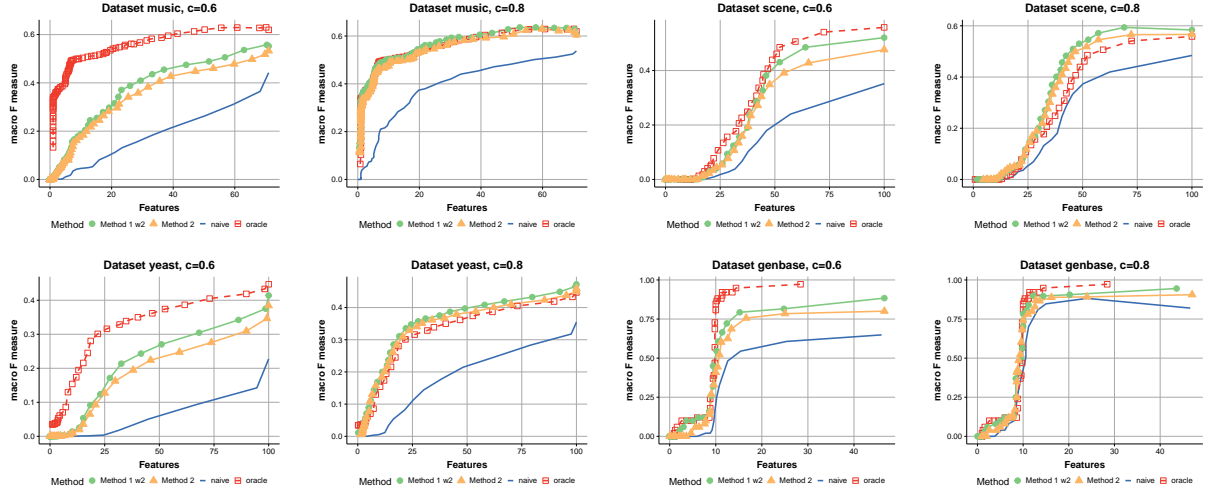


Figure 3: Macro F measure measure with respect to number of selected features for real datasets (labelling scheme 1).

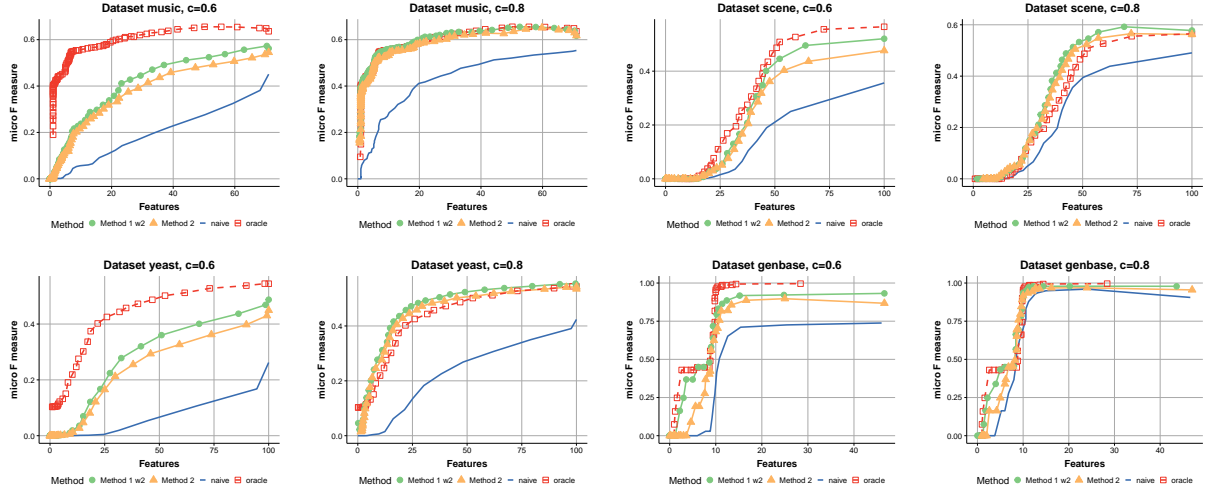


Figure 4: Micro F measure measure with respect to number of selected features for real datasets (labelling scheme 1).