

# Open-Set Domain Adaptation through Self-Supervision

Daniele Rege Cambrin, Kylie Bedwell, Tommaso Natta, Ehsan Ansari Nejad  
Politecnico di Torino  
Corso Duca degli Abruzzi, 24  
10129 Torino, ITALY

s290144@studenti.polito.it, s287581@studenti.polito.it  
s282478@studenti.polito.it, s288903@studenti.polito.it

## Abstract

*- sentence describing the problem - sentence describing our proposed method - sentence summarising the results - sentence about the variations - sentence about the variation results*

## 1. Introduction

- Introduce the problem - state our focus - the network used - the dataset used - introduce the variations we will implement

## 2. Related Work

- what's been done in the past on this topic - Summarise each of the cited references - Cite some papers about the variations we did - other variations which might be interesting (but that we didnt do) - if space -

## 3. Method

- describe in detail the method used - include the diagrams here and explain them - explain the evaluation parameters that will be used

## 4. Experiments

- start with parameter tuning of learning rate and epochs, include graph to justify decision - ablation study: hyperparameter tuning of weights and threshold value, include graphs or tables of values

## 5. Variations

- describe each of the variations - present results of the performance of the model and compare with the baseline for each of the variations

## 6. Conclusions

- summarise the results - add future recommendations

### 6.1. Acknowledgements

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