Applying SlowFast Networks to Video Object Segmentation

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Abstract

TALLE

1. Introduction

EGE - General Idea - Why

2. Related Work

TALLE - SlowFast Networks - MaskRCNN - OSVOS - maybe track-RCNN

3. Approach

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3.1. Dataset

3.2. Network Design

- also for what configuration of freezing we decided (default)

3.3. Training

3.3.1 Unsupervised Training

3.3.2 Semi-supervised Training

4. Experiments

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4.1. Hyperparameter Tuning

4.2. Pathway Configurations

4.3. Qualitative Results

5. Evaluation

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5.1. Unsupervised

5.2. Semi-Supervised

6. Conclusion

EGE - Benefit of SlowFast

References