

FORMAT OF THE GROUNDTRUTH AND PREDICTION FILES

ground_truth.pkl and predictions.pkl

It contains a python dictionary with **as many keys as files** delivered for training (groundtruth), validation and test

key: file name without extension (type: string)

value: array of array, each array is a retrieved interval with the next format:

`p / gt = [70, 13400, 13960]`

where

`p[0] / gt[0] : class_id (type: int) > index of the retrieved / groundtruth class [0, #classes-1]`

`p[1], gt[1] : start(ms) (type: int) > start timestamp (ms) of the retrieved / groundtruth class`

`p[2], gt[2] : start(ms) (type: int) > end timestamp (ms) of the retrieved / groundtruth class`

Warnings:

- 1) The dictionary **MUST** contain as many keys as files. If a file is not processed or no retrievable class is found in it, the dictionary must contain the key value with the name of the file and empty value.
- 2) Only one retrieved class is allowed in each millisecond. Should a time interval overlap with any other (IoU > 0) of the same retrieved class, the evaluation procedure will keep the interval with smaller timestamp and the other interval(s) overlapping will be considered False Positives. In the next example, the blue-shadowed interval will count as a FP.

```
array([[ 0, 28360, 29280],
       [ 19, 26320, 27120],
       [ 26, 6840, 7400],
       [ 36, 35400, 36240],
       [ 42, 17400, 18640],
       [ 60, 20560, 20880],
       [ 71, 25840, 26280],
       [ 71, 26040, 26320],
       [ 71, 43120, 43520]])
```

```
{'0E0-Ql8bg10': [[26, 6840, 7400],
                 [42, 17400, 18640],
                 [60, 20560, 20880],
                 [71, 25840, 26280],
                 [19, 26320, 27120],
                 [0, 28360, 29280],
                 [71, 32920, 33160],
                 [36, 35400, 36240],
                 [71, 43120, 43520]],
 '1oYCCbAeABU': [[20, 3800, 4680],
                 [70, 13400, 13960],
                 [20, 14680, 15360],
                 [20, 15400, 16000],
                 [20, 31760, 32520],
                 [70, 39160, 39840],
                 [20, 41760, 42600],
                 [70, 51720, 52200],
                 [20, 53120, 53880],
                 [20, 53880, 54280],
                 [20, 61160, 61960],
                 [20, 64640, 65440],
                 [70, 67440, 68280],
                 [64, 68920, 69520],
                 [20, 70600, 71280],
                 [20, 73800, 74360],
                 [20, 80080, 80760],
                 [20, 88360, 88800],
                 [20, 94480, 95120],
                 [20, 101360, 102080],
                 [20, 106960, 107680],
                 [20, 109000, 109640],
                 [71, 111920, 112240],
                 [36, 115000, 115760],
                 [20, 127840, 128560]],
 '1oreh)W53lo': [[2, 3560, 4000],
                 [55, 6040, 6520],
                 [55, 17920, 18120],
                 [2, 24080, 24680],
                 [36, 42440, 42720],
                 [62, 55960, 56600],
                 [55, 58320, 58680],
                 [36, 64040, 64360],
                 [55, 65440, 65800],
                 [73, 69000, 69680],
```