



Introduction to Directories

dataset_all_info

-  dataset_info.json
-  download_link.json




dataset_info.json

This file contains the names of all videos in the dataset, the names of video clips, as well as the corresponding start and end times of the video clips in the original video. The names of videos and video clips are corresponding and unique. The total number of video clips is 19267 and the total number of videos is 3343.

download_link.json

This file contains download links for all videos on the Bilibili website. Some of these videos have been removed from the website, so we are unable to obtain their URLs. These include videos named 811, 1066, 1718, 1719, 2460, 2548, and 3887.


features

-  audio_feature.pkl
-  danmu_feature.pkl
-  visual_feature.pkl

This directory contains visual, audio and danmu features of all video clips. Each file stores dictionary type data. The keys are the video clip names and the values are the corresponding features.




If necessary, we will update the features to better perform video affective content analysis tasks.

original_sources

-  danmu

We provide the original files of the danmu with timestamps. Researchers can intercept the corresponding intervals based on the start and end times of the video clips, and can also perform preprocessing and feature extraction yourself. Every file ends with the .ass suffix.

label

-  final_label.json
-  Intermediate_result
-  split_labels


intermediate_result


This directory contains the intermediate results of all video clips annotated by three people, and also contains anonymous information of the annotators from the crowdsourcing platform.

final_label_json

This directory contains the annotation results of all labels of all video clips after voting for the majority. For a certain label, each video clip corresponds to only one label category.

split_labels

 `video_dependence`

 `video_independence`

This directory contains information about the video clips and labels of the training, validation, and test set after the dataset is divided. The dataset was randomly divided five times.

Random partitioning is divided into two types: video-independent and video-dependent. We report results for video-independent partitioning in our paper. Researchers can conduct experiments on these two types of dataset partitioning.

- video-independence: the video clips from the same video will only appear in one of the training, validation, and test sets at the same time.
- video_dependence: all video clips in the same video can appear randomly in the training, validation, and test sets.

The correspondence between the primary emotions and the numbers in the annotation is as follows: (angle, 1), (sadness, 2), (joy, 3), (surprise, 4), (fear, 5), (anticipation, 6), (trust, 7), (disgust, 8), (neutral, 9), (pride, 10), (horror, 11), (love, 12), (satisfaction, 13)