

Extraction and Description of the Narrative Structure of TV Series

Aman Z. Berhe

March 16, 2018

1 Report

1.1 Clustering and Segmentation:

- We have discussed the clustering on audio using mfcc features is not important or does not help on extracting the story. But we will check if there is interesting background sound/audio.
- We have also said video processing is not necessary or we don't have to do it now. we can use pyannote (Hervé's code) for shot segmentation. But I will continue with scene segmentation using text, meanwhile reading papers on that.
- scene segmentation using sequence of speakers. Eg. A|B|A|B|C|D|
We can construct graph of interactions (Philip has done like this)
- Manual Transcriptions: I will continue to work with manual transcription which have the name of the character who is speaking.

1.2 Procedural Help

- You have shown me How to run on standalone servers and cluster. we have to create an account for me on the cluster.
- We have finished the reservations for the Grenoble text2story workshop

1.3 To do list

- Work on the manual transcript data and see what we can get
- See the alignment of words with their time stamp : work with Benjamin
- Read and work on segmentation using text data and helpful audio