Notes\_on\_datasets

I use a text editor (Sublime) to help me count occurrences within datasets.

# Aesdd

From the readme

For the creation of v.1 of the database, 5 (3 female and 2 male) professional actors were recorded. 19 utterances of ambiguous out of context emotional content were chosen. The actors acted these 19 utterances in every one of the 5 chosen emotions. One extra improvised utterance was added for every actor and emotion. The guidance of the actors and the choice of the final recordings were supervised by a scientific expert in dramatology. For some of the utterances, more that one takes were qualified. Consequently, around 500 utterances occured in the final database.

No gender labels, but I manually determined that speakers 1, 2, and 5 are female-sounding and speakers 3, 4, and 6 are male-sounding. Contrary to the documentation, the dataset actually contains 6 different speakers.

# Anad

There’s something up with the segmented files; they all sound the same?

Labels at the discourse level? Low face validity

# BAUM1

There are misspellings in the emotion labels. Also, “Subject Label”, “Clip”, and “Clip Name” don’t always match.

First pass cleaning in Excel (data\_dir.xslx). Record counts didn’t match, so I redid it in Python.

From the paper

The data was collected from 31 subjects, 17 of which are female, which are shown in Fig. 2. All subjects are native speakers of Turkish, and have an age range of 19-65.

…



The paper is inconsistent on the actual number of participants coded female.

S015\_007 spontaneous emo label does not match emo code in annotations!

Some mp4s no audio? Check downstream

Boredom is mapped to negative valence (van Tilburg & Igou, 2017; Kort, Reilly, & Picard, 2001)

Interest is mapped to positive valence (Kort, Reilly, & Picard, 2001)

Contempt mapped to negative (Trnka, Mana, & Kuška, 2021; Ferran 2017; Melwani, Mueller, & Overbeck, 2012)

Surprise is negative (Noordewier & Breugelmans 2013; Koch, Alves, & Krüger 2016; Noordewier, Topolinski, & Van Dijk 2016)

# BAUM2

Extensive manual Pre-cleaning done in data\_dir.xlsx; stages of processing go from leftmost sheet to rightmost sheet

Recoded to valence and recounted majority vote

# Café

Surprise is now negative

“This dataset includes six different sentences, pronounced by twelve actors, in six basic emotions plus one neutral emotion. The basic emotions are acted in two different intensities. This represents a total of 936 different audio samples.”

All samples accounted for