CMMA:A Chinese Multi-Modal Dataset for Multi-Affection Detection in Conversations

Human communication has a multi-modal and multi-affection nature. The inter-relatedness of different emotions and sentiments poses a challenge to jointly detect multiple human affections with multi-modal clues. Recent advances in this field employed multi-task learning paradigms to render the inter-relatedness across tasks, but the scarcity of publicly available resources sets a limit to the potential of works. To fill this gap, we build the first Chinese Multi-modal Multi-Affection conversation (CMMA) dataset, which contains 3,000 multi-party conversations and 21,795 multi-modal utterances collected from various styles of TV-series. CMMA contains a wide variety of affection labels, including sentiment, emotion, sarcasm and humor, as well as the novel inter-correlations values between certain pairs of tasks.

DATASET LINK

https://github.com/annoymity2022/Chinese-Dataset

DATA CARD AUTHOR(S)

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Dataset Overview

DATA SUBJECT(S)	DATASET SNAPSHOT		CONTENT DESCRIPTION
Non-Sensitive Data about people Data about nlp	Size of Dataset	11.79G	\<https://drive.google.com/file/d/19NgqpYL Pa3bLFm4YUjuCT2sbmQemziG- /view?usp=sharing\>
	Number of Coversations	3000	
	Number of Utterances	21795	
	Average utterances per conversation	7.7	
	Average duration of a conversation	18s	
	Total Words	185442	