

## same expression, different emotion



**Speaker1:** Then all of a sudden they gave him a microphone, he asked me to **marry** him, like, onstage.

**Speaker2:** He was doing so well.



**Speaker1:** Johnny **died** yesterday, we knew that it was coming, but....

**Speaker2:** Like just last week, **he was doing so well.**



## emotion sudden change



**Speaker1:** Oh, this lipstick looks just great on you.

Sudden change



**Speaker1:** You see, you look beautiful. For god sakes, dim the lights..

**Speaker2:** Yeah? Are you sure, really.



Sudden change

**Speaker2:** I, I, I'm hideous.

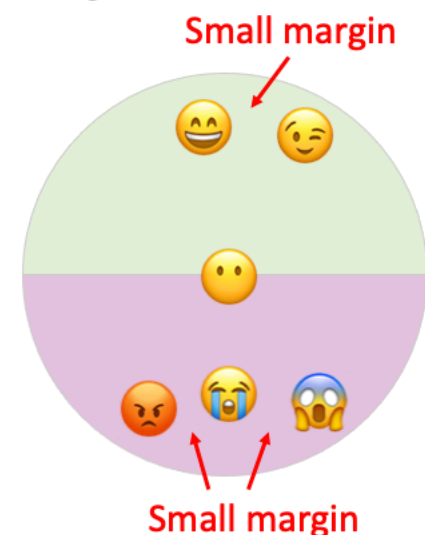


## Complex emotion interaction between utterances

### class imbalance

	class1	class2	class3	class4	class5	class6	class7
IEMOCAP	1168	1149	739	711	620	392	
DailyDialog	12885	85572	1022	1150	174	1823	353
MELD	6436	1636	358	1002	2308	361	1607
EmoryNLP	2099	968	831	3095	595	717	1184

### fine-grained classification



## Class imbalance and fine-grained classification problems