Increasing Robustness for Cross-domain Dialogue Act Classification on Social Media Data

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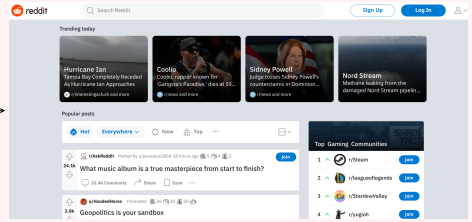
Task

Label	Example
propositionalQuestion	"r u serious?"
setQuestion	"what list should i put him in?"
choiceQuestion	"shaken or stirred?"
inform	"i wonna chat"
elaborate	"and dr phil said so."
continuer	"I know, but it threw me"
agreement	"i agree"
disagreement	"no, I didnt even look."
correction	"i meant to write the word may."
greeting	"hey ladies"
goodbye	"see u all laters"
positiveExpression	"yay!"
negativeExpression	"ewwwww lol"
offer	"il get you a cheap flight to hell:)?"
suggestion	"We should have a club"
instruct	"shut the fuck up."
acceptAction	"yeah i should toss it"
declineAction	"i don't wanna"
misc	:tongue:

Problem



Hmm, maybe normalization can lead to higher performance?

hmm, that must be `instruct`, lets give it a try.

Argh, there is no way we can get higher performance with this, he must have meant `suggestion`

Results

Split	ID	OOD
train	4,800	—
dev	600	853
test	600	852

Sizes of the annotated parts of NPSChat (ID) and Reddit (OOD)