

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 wanna 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 later" |
| 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: |

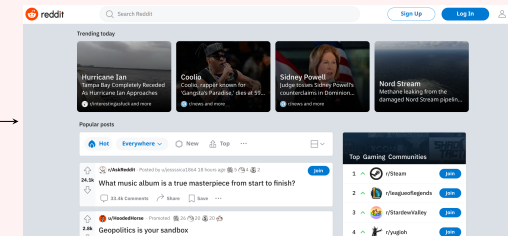
Problem

Hmm, it is really a pity that there is no publicly available dataset for cross-domain intent classification of user generated text



hmm, do you think that was inform?

No.. it must have been an instruct, lets make one!



Results

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

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

