

NLP Tasks: Text Unarization



- Text summarization is the task of taking a passage of text as input and generating a summary containing the salient points in the original passage.
- Two approaches to this:
 - Extractive: Returns spans from the original passage
 - Abstractive: Generates a unique text sequence
- Example:



PREMIS:

HYPOTHESIS:

LABEL:

A soccer game with multiple males playing

Some men are playing a sport

Entailment

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PREMIS:  A soccer game with multiple males playing
HYPOTHESIS: Some men are playing a sport
LABEL:   Entailment
```

Abstractive text summarization leaderboard

NLP Tasks: Natural Language Inference (NLI)

- Natural language inference is the task of determining the truth value of some *hypothesis* given a *premise*.
 - *Entailment* (true)
 - *Contradiction* (false)
 - *Undetermined* (neutral)
- Example:

PREMIS:	A soccer game with multiple males playing
HYPOTHESIS:	Some men are playing a sport
LABEL:	Entailment