

# CHARET: Character-centered Approach to Emotion Tracking in Stories

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## Story

## Model

## Results

**In:**

Zach

went to his first concert,  
it was Radiohead.

- He met a girl named Steph there who he thought was cute.
- Steph asked Zach to take a walk with him, he did.
- They talked all night long and fell in love.
- The next day he called Steph and she said she had a boyfriend.

Task: classifying the emotions of characters in stories, coherently.

Data: We use Storycommonsense to test our approach.

2. Commonsense inference

1. Semantic role labelling

3. Emotion classification

**Out:** Zach feels excited!

1. *NeuralCoref and Predpatt* to identify actors and targets of events.
2. *Atomic* to infer character-specific commonsense along the story.
3. *COMET* to classify emotions.

Comparison with previous work:

Model	Precision	Recall	F1
<b>Zero-shot</b>			
Random	20.6	20.8	20.7
COMET - Direct	37.4	36.9	37.2
COMET - DynaGen	<b>38.9</b>	39.3	39.1
CHARET	31.1	<b>77.4</b>	<b>44.3</b>
<b>Few-shot</b>			
COMET - DynaGen	31.2	65.1	42.2
CHARET	<b>39.4</b>	<b>81.5</b>	<b>53.1</b>
<b>Supervised</b>			
CHARET	46.4	82.7	59.5

Performance of our semantic role labelling step alone:

Precision	Recall	F1
89.0	63.5	74.1

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