Motivation

• **E2E NLG**: Learning from data **without alignments**
  • just MR + textual reference

• **So far limited** to small, delexicalized datasets
  • e.g. BAGEL, SF Restaurants, SF Hotels, RoboCup

• **Our goal**: replicate **rich dialogue & discourse** phenomena
  • as targeted by earlier rule-based & statistical approaches
The E2E NLG Dataset

• New corpus for NLG in the restaurant domain

• **More challenging** than previous sets
  • More data: 50k unaligned MR+ref pairs
  • More sentences per one MR
  • Longer sentences

• **More diverse & natural**
  • collected by crowdsourcing with **pictorial instructions**
  • mean 8.1 refs per MR

Serving low cost Japanese style cuisine, Loch Fyne caters for everyone, including families with small children.

Loch Fyne is a kid-friendly restaurant serving cheap Japanese food.

name [Loch Fyne],
eatType[restaurant],
food[Japanese],
price[cheap],
kid-friendly[yes]
E2E Dataset Properties

• Lexical richness
  • higher lexical diversity (Mean Segmental Token-Type Ratio)
  • higher proportion of rare words

• Syntactic richness
  • more complex sentences (D-Level)

• Semantic richness
  • crowd workers asked to verbalize relevant information
  • requires content selection
The E2E NLG Challenge

• Get the data & try your system!
  
  deadline: 31 October

• Data, baseline system & metrics available now

• See more at http://bit.ly/e2e-nlg
Thanks

• Come see our poster!

• Get the data & take part in the E2E challenge:


deadline: 31 October

• Contact us:

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