**OVERVIEW**

Speaker’s behaviors

"This is unbelievable!"

noisy/missing at test time

multimodal representation

prediction

**MULTIMODAL CYCLIC TRANSLATION NETWORK (MCTN)**

State-of-the-art prediction results

ICT-MMOMO dataset

YouTube dataset

CMU-MOSI dataset

**ABLIATION STUDY**

MCTN: With cycle consistent loss
With parameter sharing
2 modalities

MCTN: No cycle consistent loss
With parameter sharing
2 modalities

MCTN: No cycle consistent loss
No parameter sharing
2 modalities

1. Use language as source modality
2. Use cyclic translations
3. Share parameters in seq2seq models

Code and Models: http://github.com/hainow/MCTN