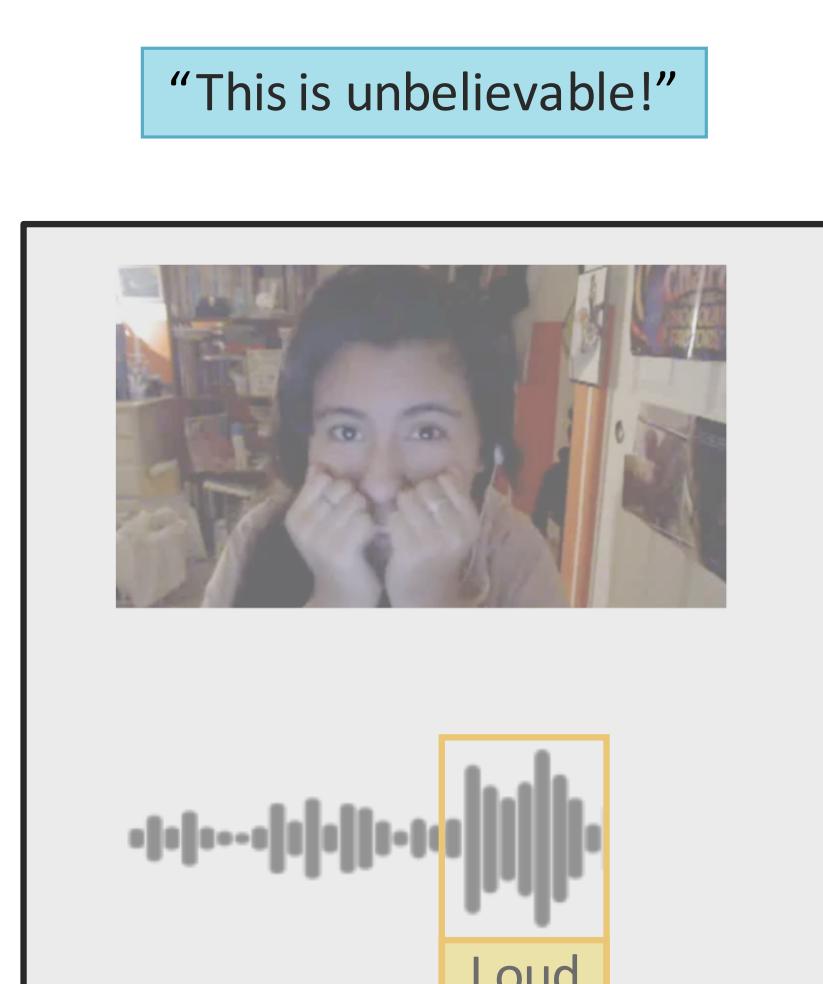


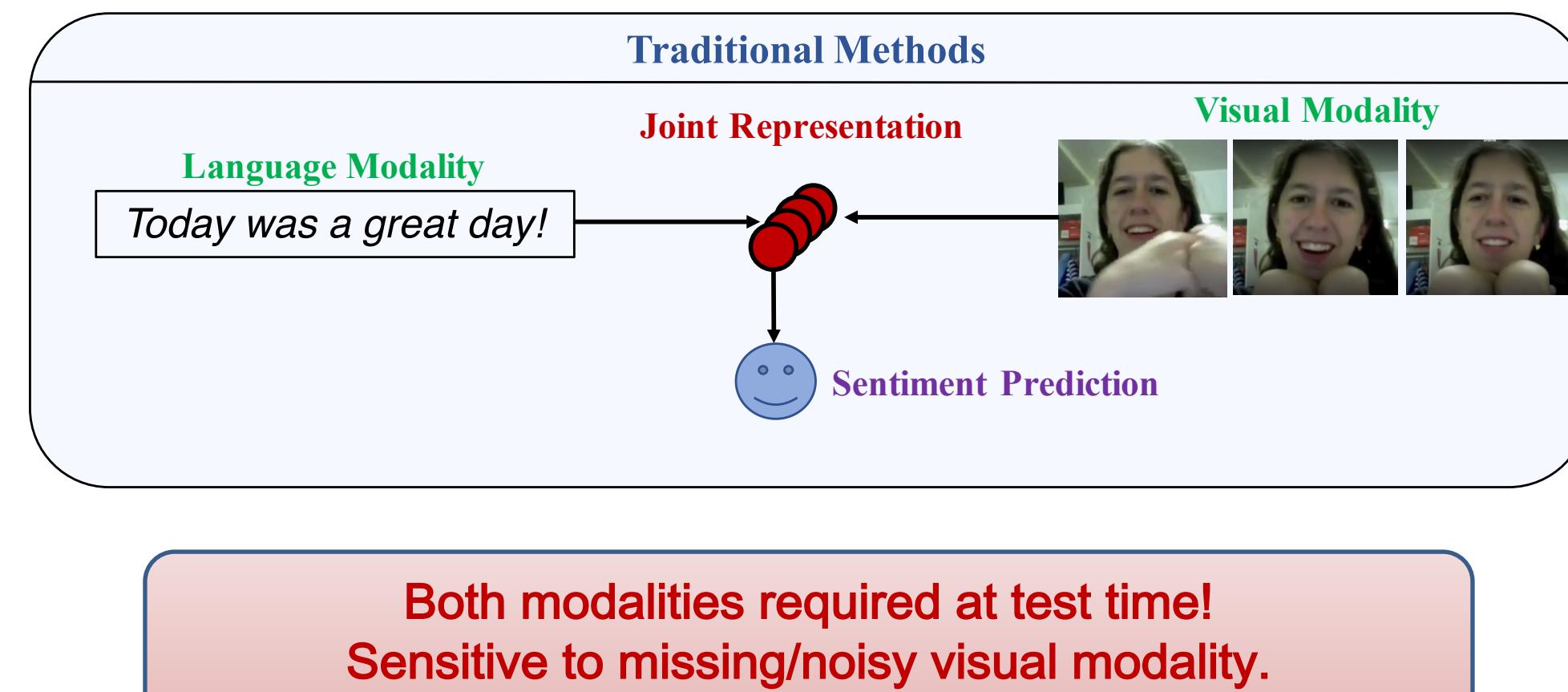
OVERVIEW

language
visual
acoustic

Speaker's behaviors

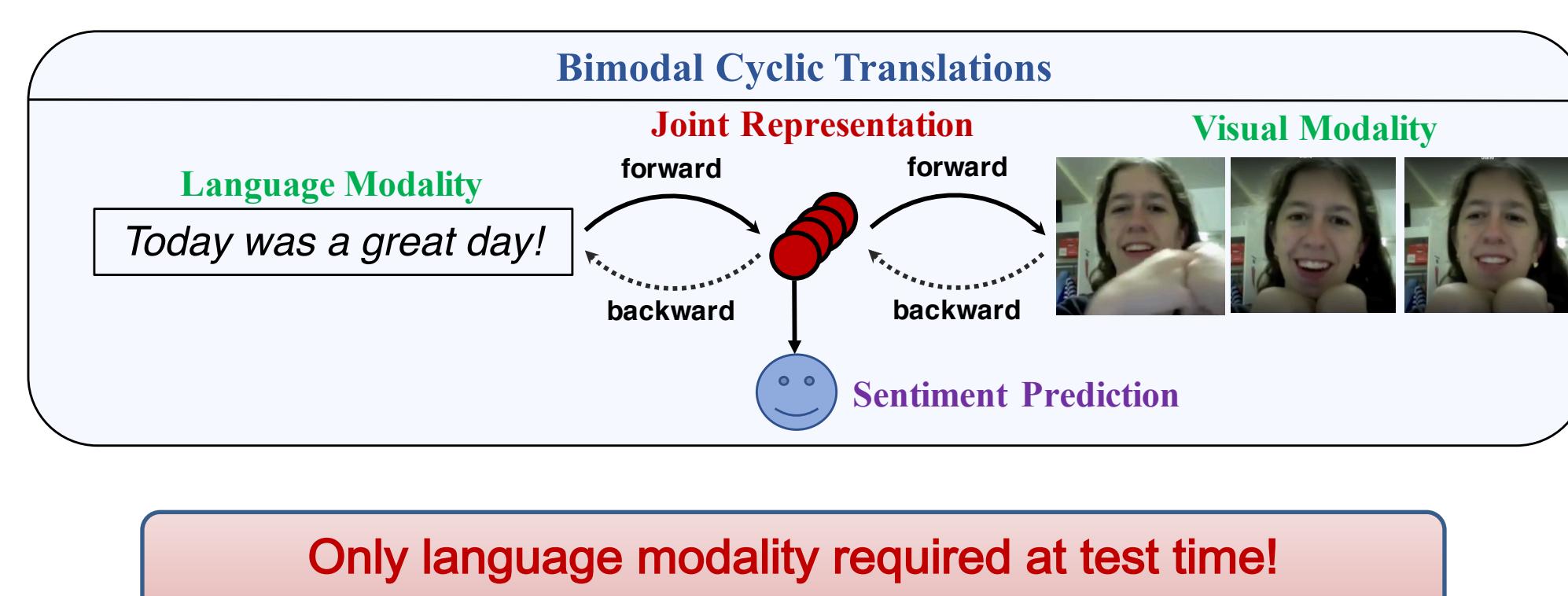


- Traditional approaches



Both modalities required at test time!
Sensitive to missing/noisy visual modality.

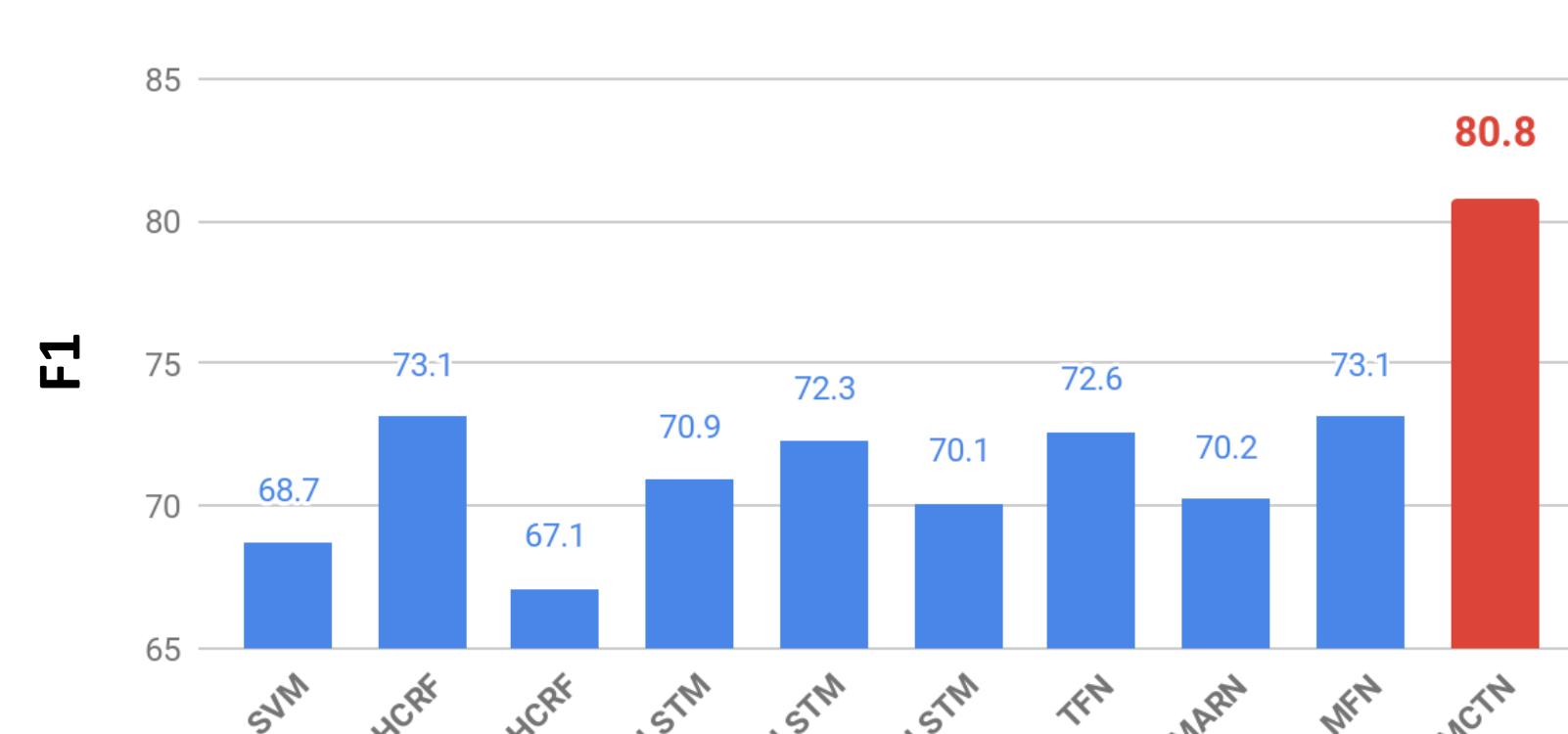
- Our approach: Found in Translation



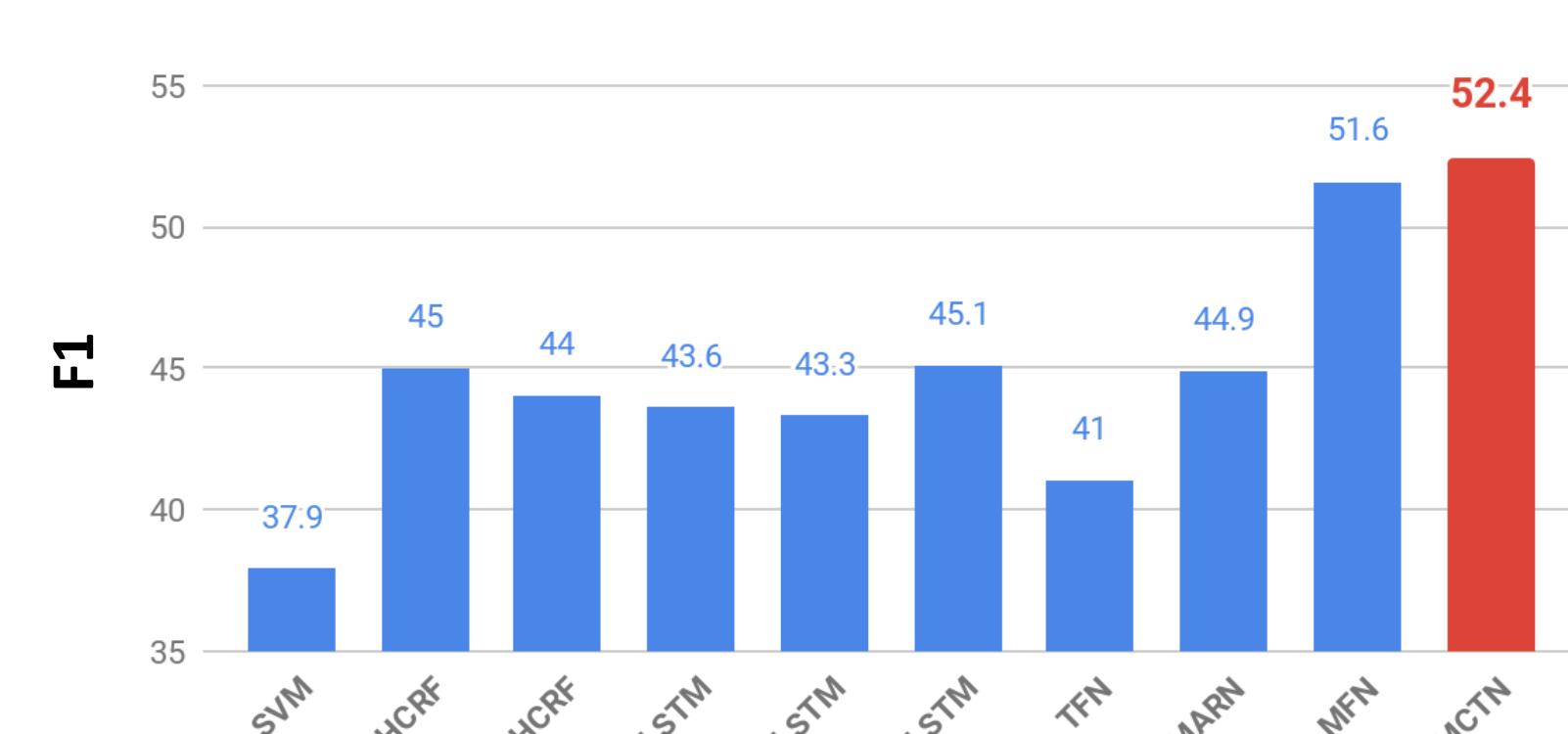
Only language modality required at test time!

STATE-OF-THE-ART PREDICTION RESULTS

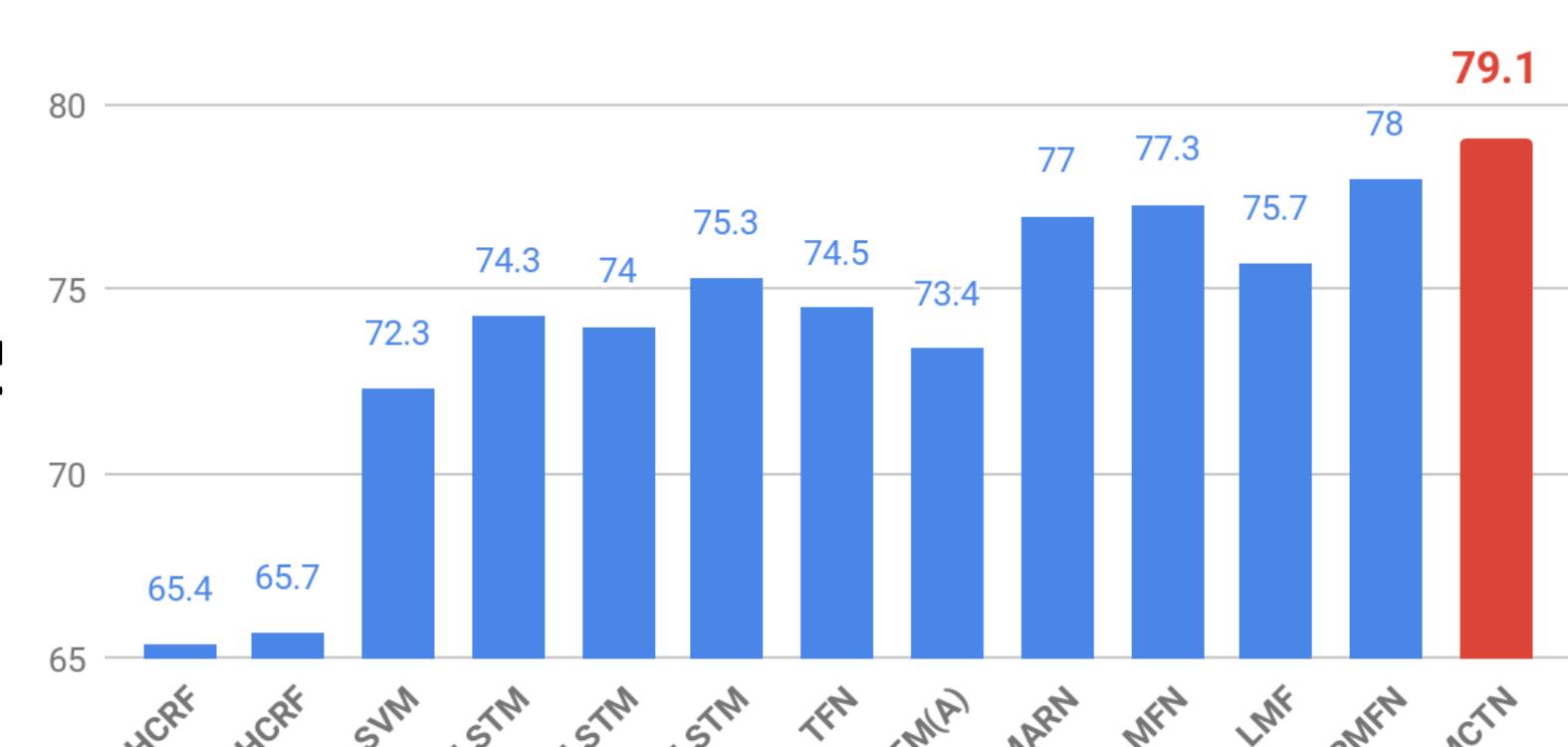
ICT-MMMO dataset



YouTube dataset

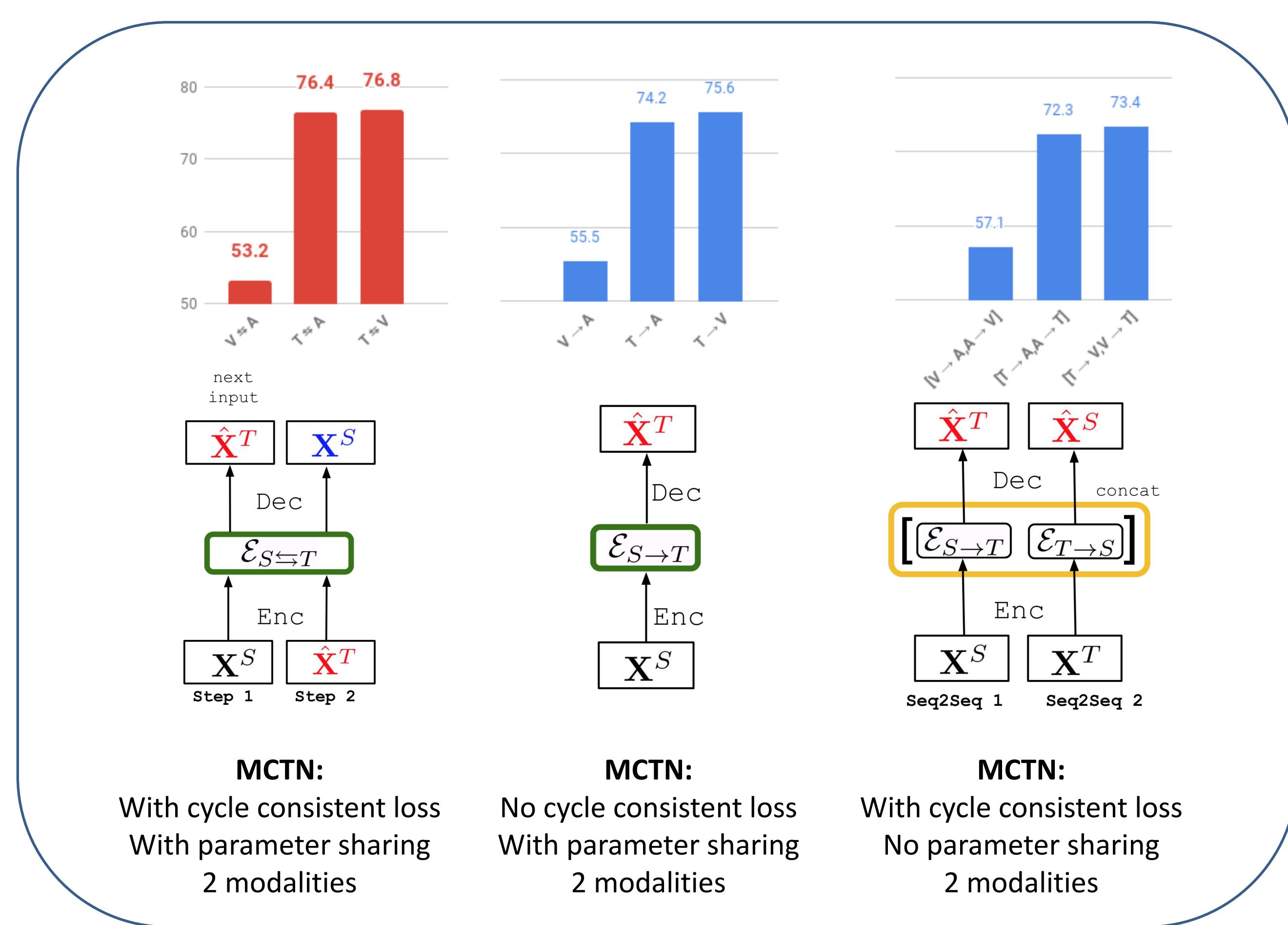


CMU-MOSI dataset



MCTN uses only language modality at test time!

ABLATION STUDY



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

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

