

2. Reasoning State Transitions

Q) What does the woman do after lowering the coat?





Toward Spatio-Temporal Reasoning in Visual Question Answering

Yunseok Jang[†]

Yale Song[‡] Youngjae Yu[†] Youngjin Kim[†]

Gunhee Kim[†]

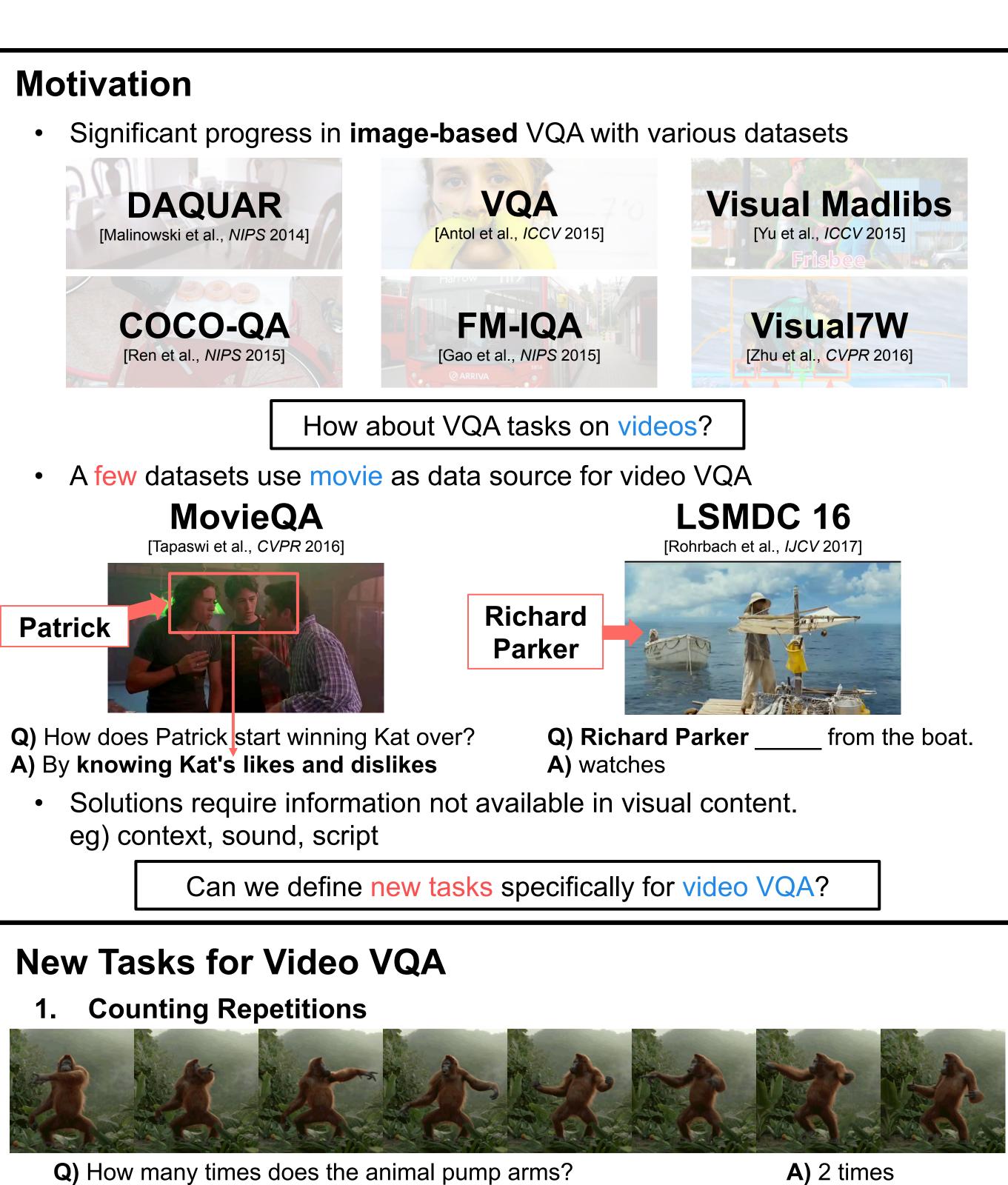
Code and Dataset are available at http://vision.snu.ac.kr/projects/tgif-qa

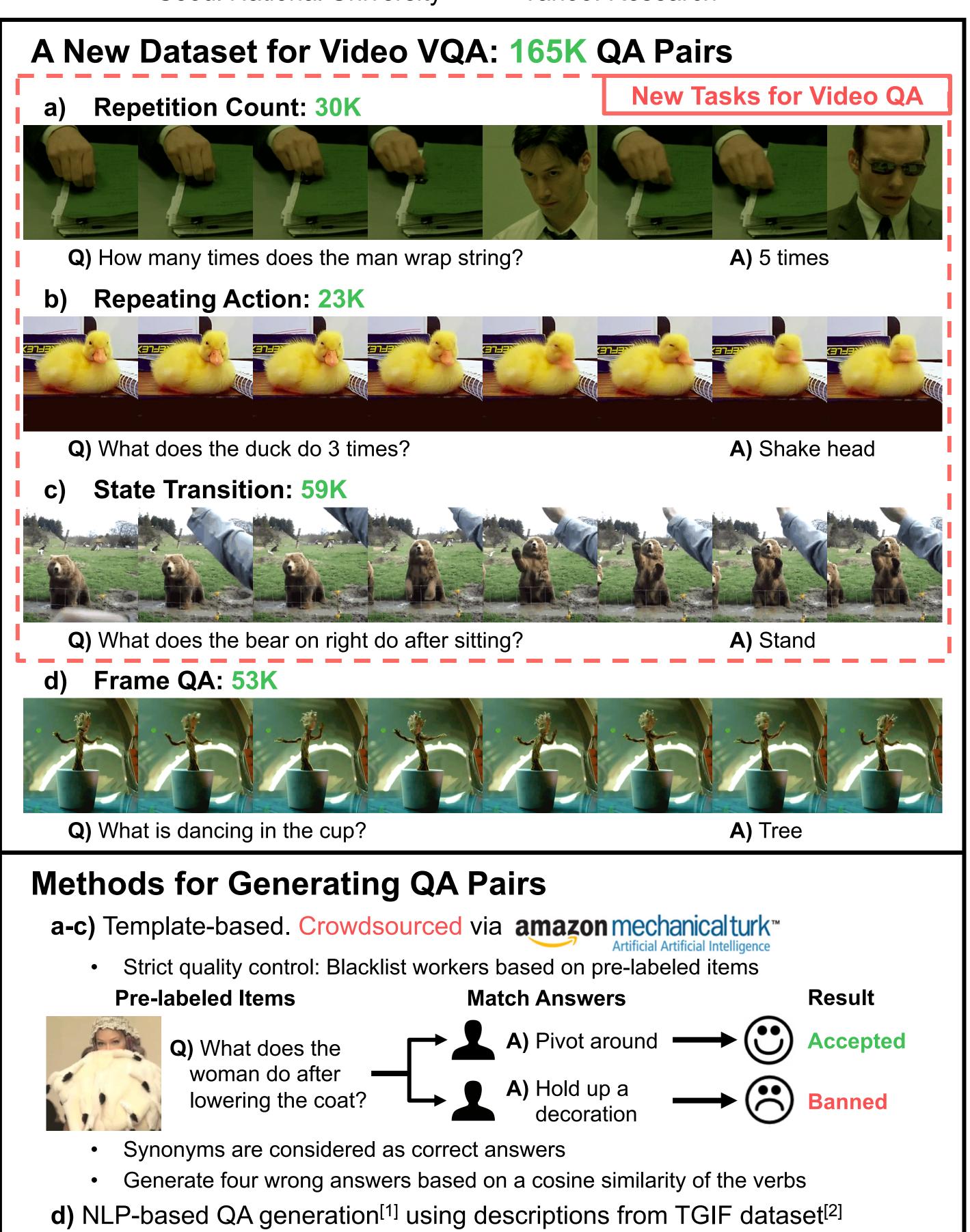


A) Pivot around

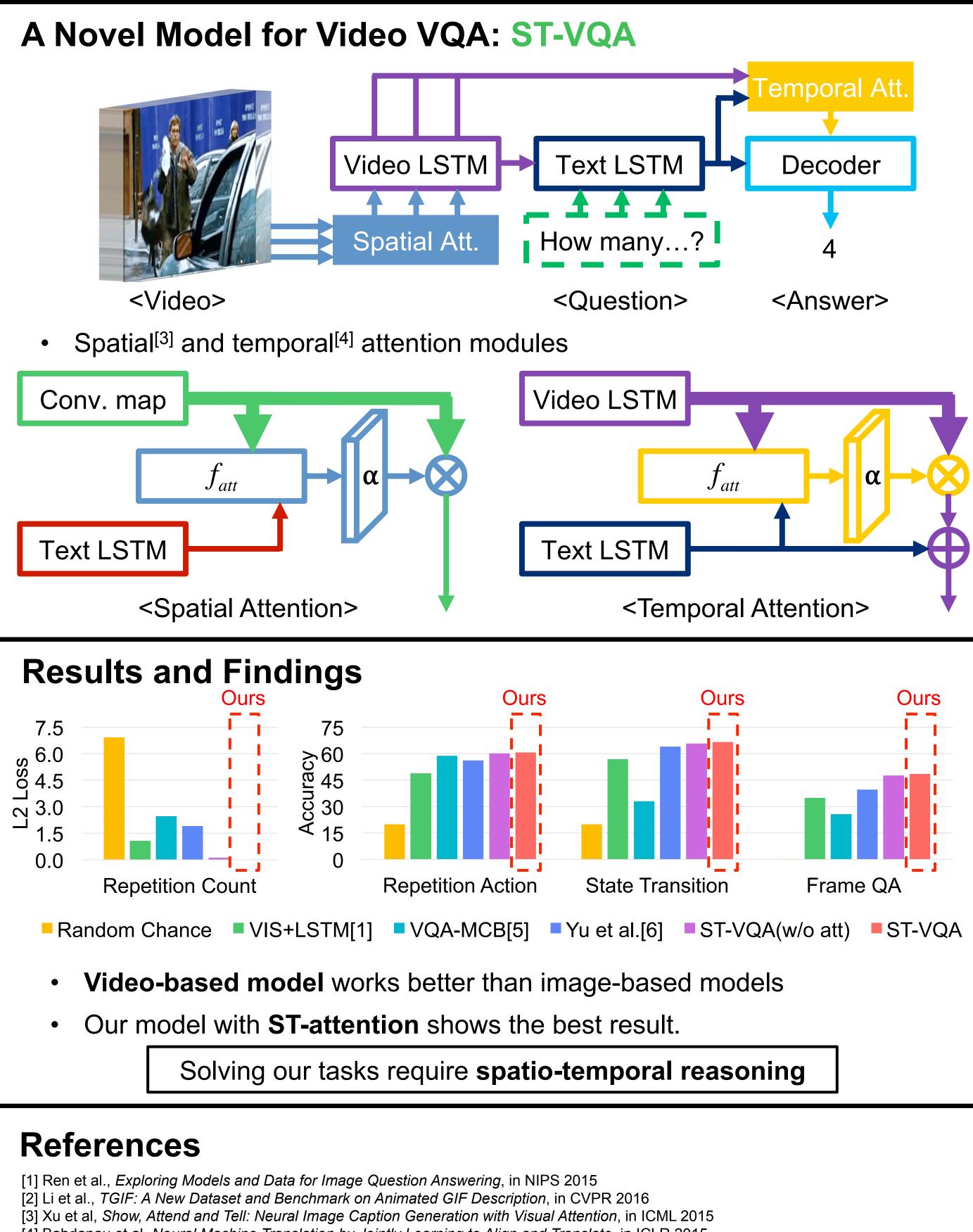
Seoul National University[†]

Yahoo! Research[‡]





Convert a declarative sentence to an interrogative sentence



[4] Bahdanau et al, Neural Machine Translation by Jointly Learning to Align and Translate, in ICLR 2015

[5] Fukui et al., Multimodal Compact Bilinear Pooling for Visual Question Answering and Visual Grounding, in EMNLP 2016 [6] Yu et al., End-to-end Concept Word Detection for Video Captioning, Retrieval, and Question Answering, in CVPR 2017