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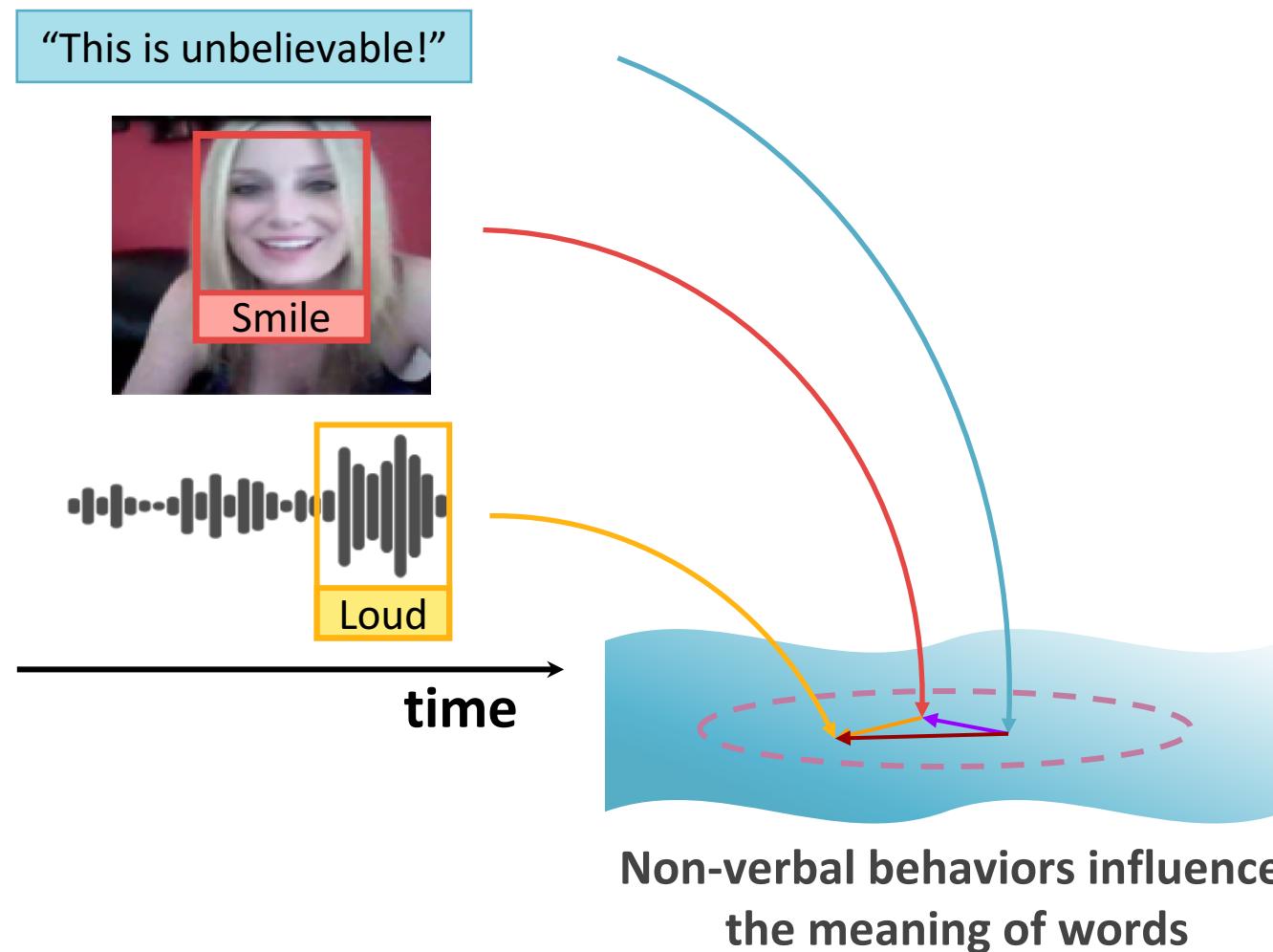
Words Can Shift: Dynamically Adjusting Word Representations using Nonverbal Behaviors

Yansen Wang, Ying Shen, Zhun Liu, Paul Pu Liang, Amir Zadeh,
Louis-Philippe Morency

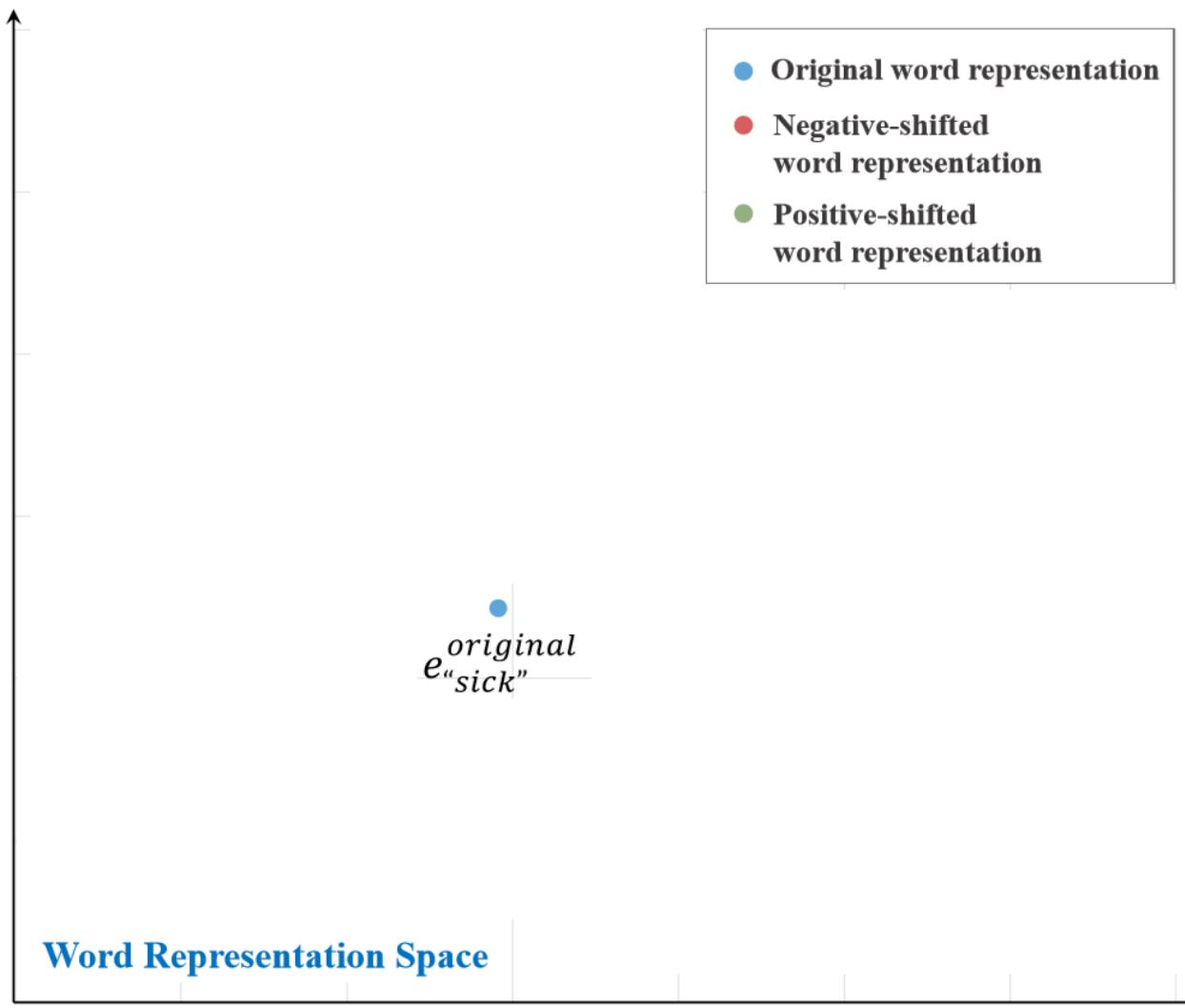


Multimodal Sentiment Analysis

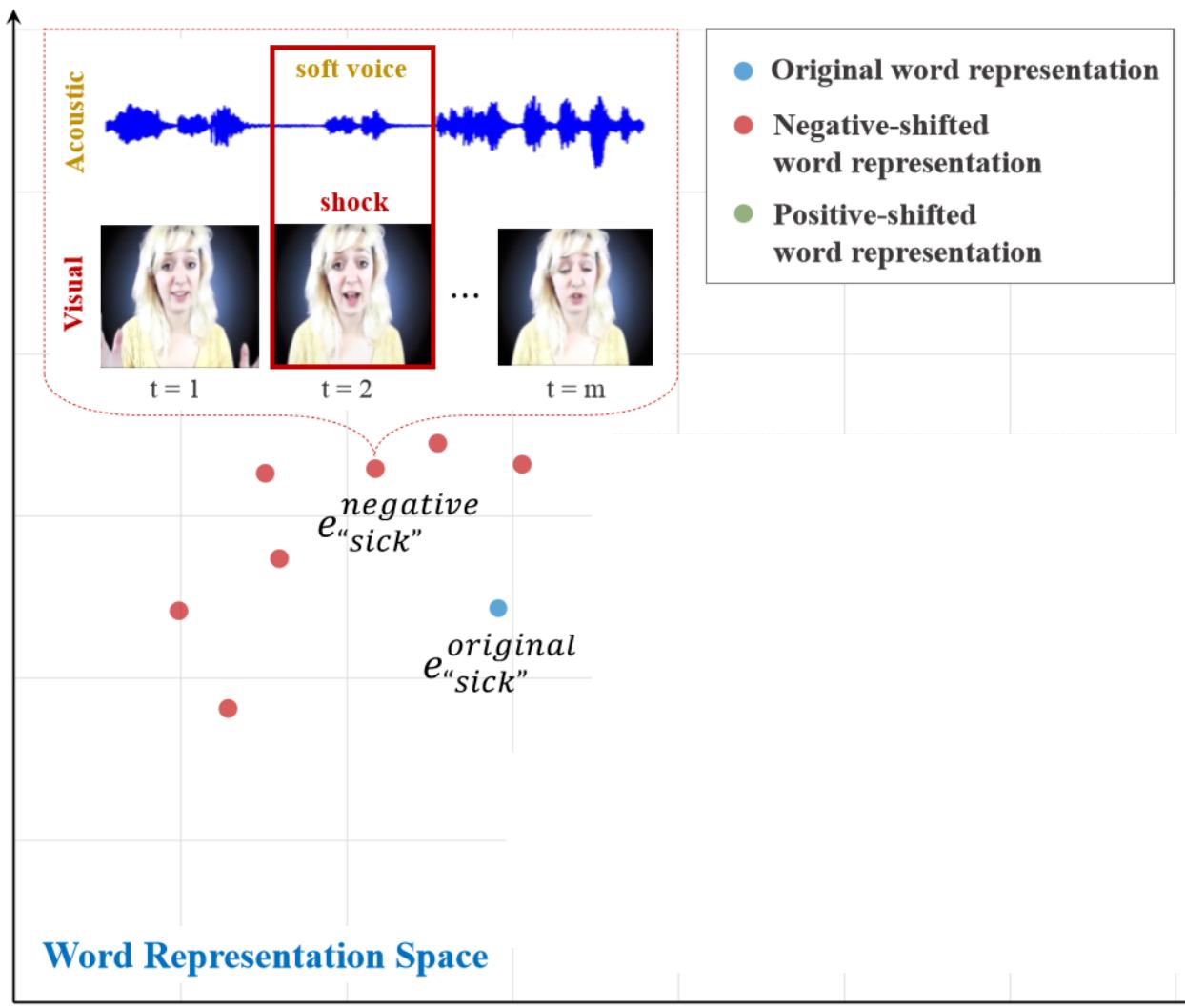
Speaker's behaviors



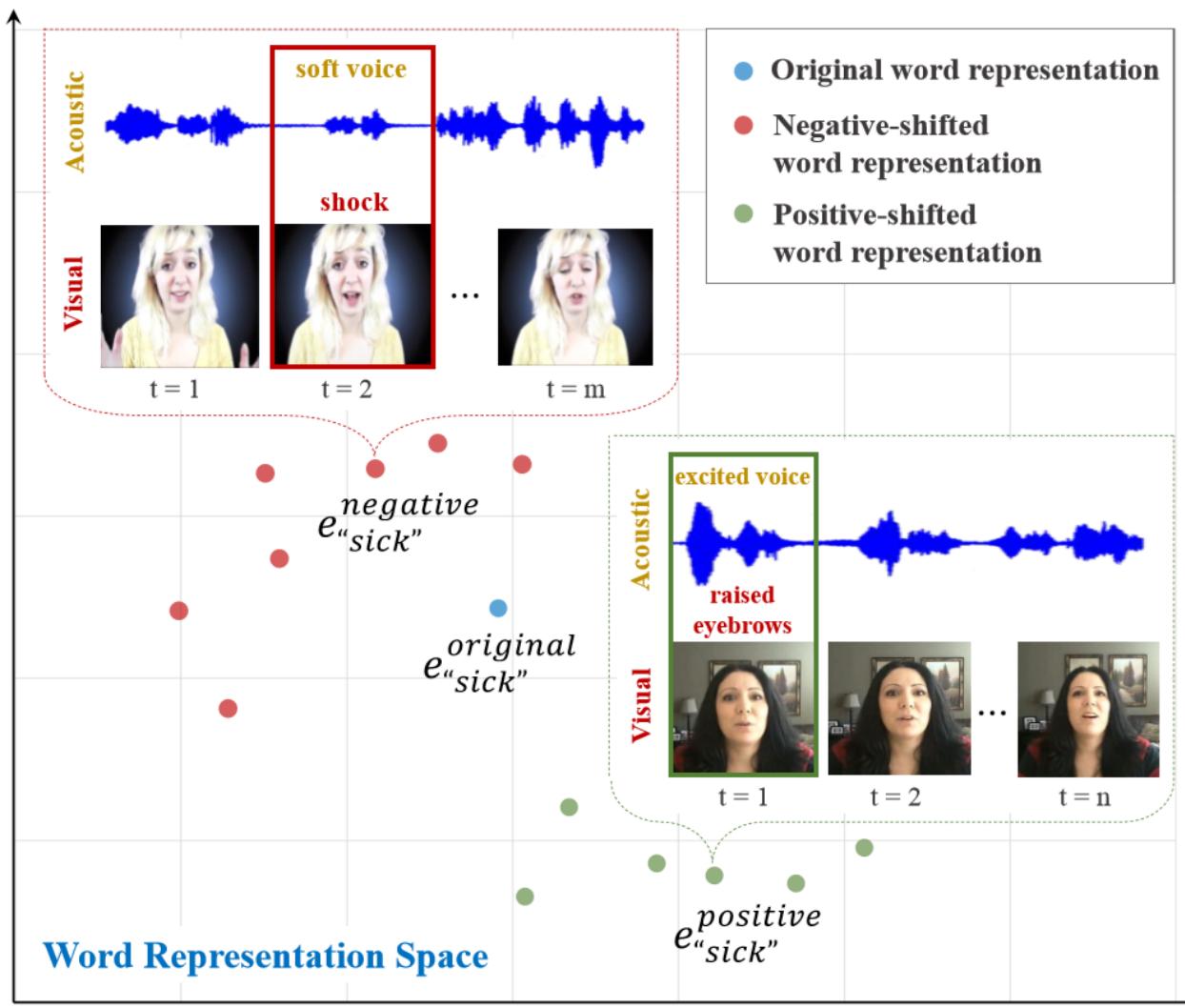
Dynamically Shifting in Word Representation Space



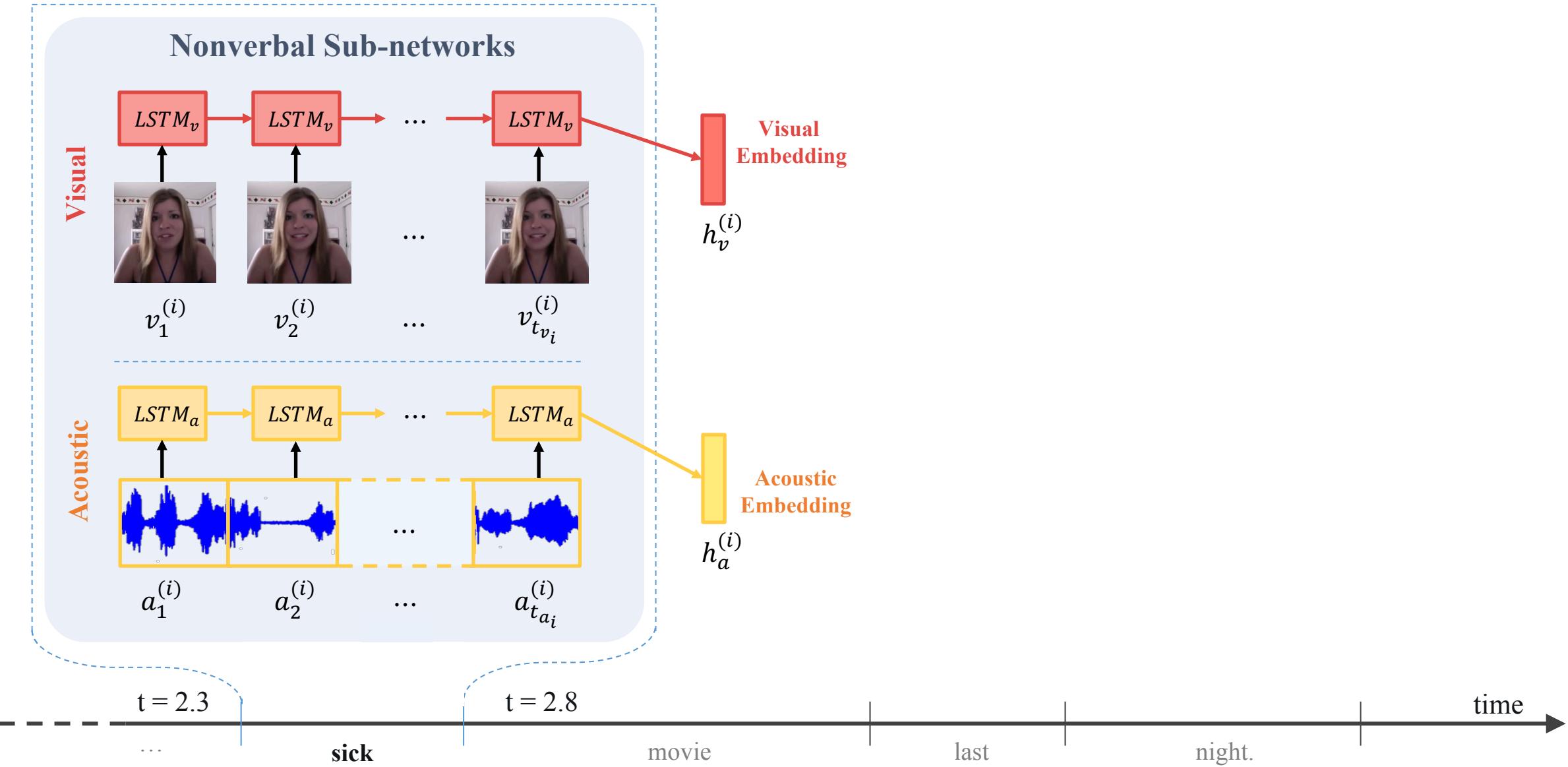
Dynamically Shifting in Word Representation Space



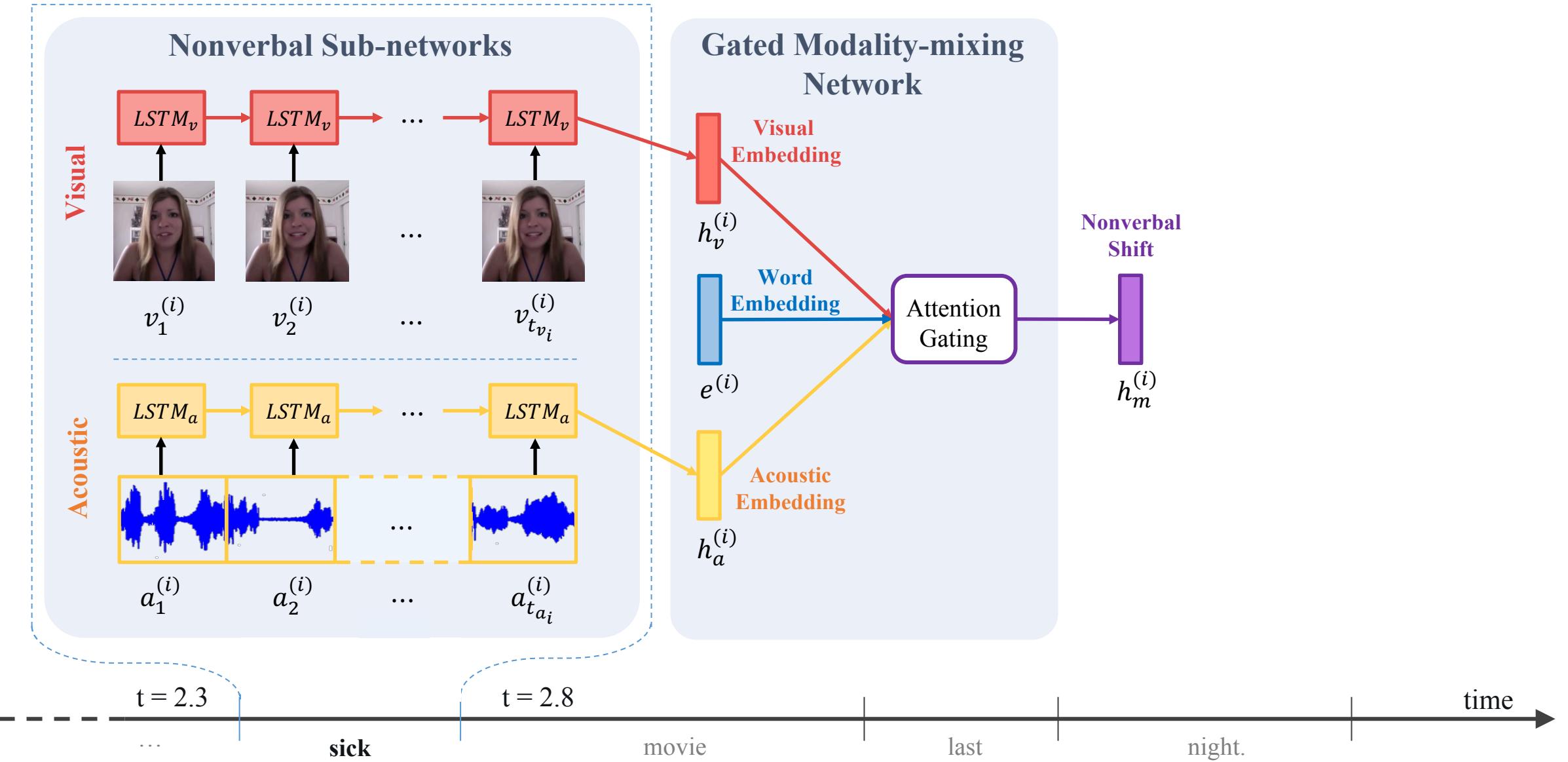
Dynamically Shifting in Word Representation Space



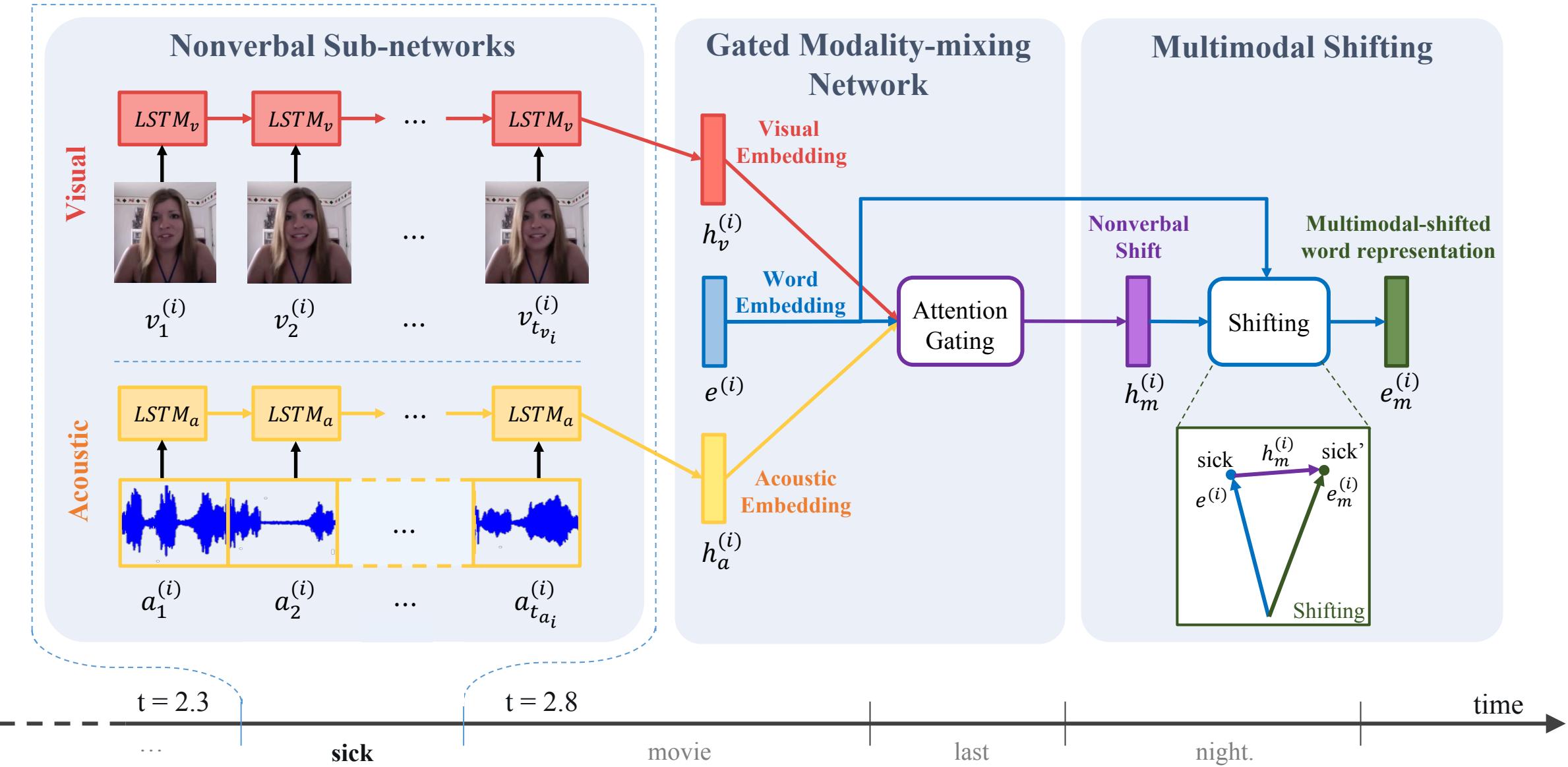
Modeling nonverbal behaviors



Modality Gating



Dynamic shifts



Thank you!

Please come to our poster

Thursday 6:30-8:30pm @ Coral, South Pacific and Nautilus Lounges



MultiComp Lab

<http://multicomp.cs.cmu.edu/>