

Spatio-Temporal Graph Transformer Networks for Pedestrian Trajectory Prediction (Appendix)

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Additional Attention Visualization

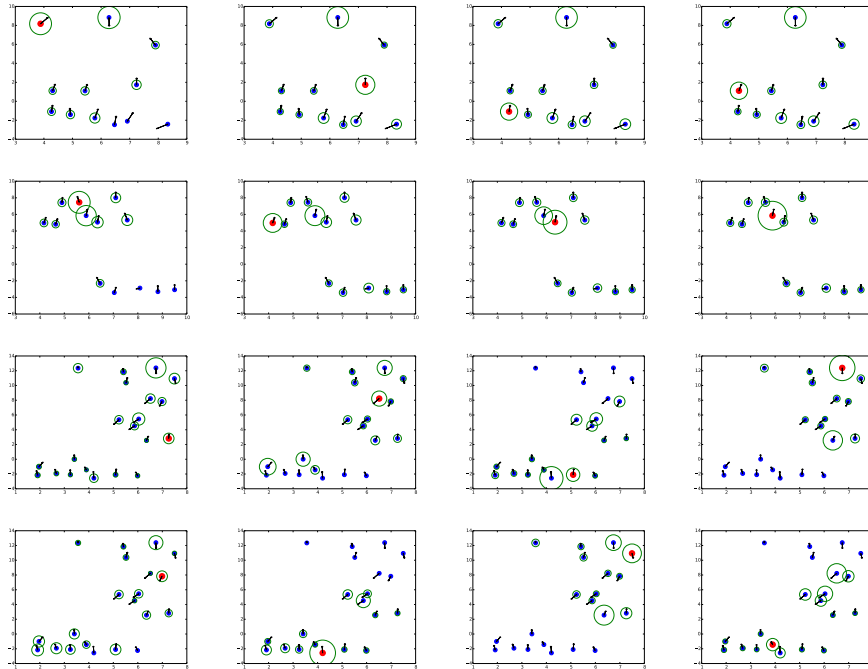


Fig. 1. Additional attention visualizations of the spatial Transformer, i.e., connected in the interaction graph, in encoder 2. We visualize the attention of neighbor pedestrians with respect to the red dotted pedestrian. The size of circles represents the attention value and bigger circles indicate higher attention. STAR learns reasonable spatial attention, the pedestrians have higher attentions over themselves and their neighbors.

* equal contribution, listed in alphabetical order

Ablation Trajectory Prediction Visualizations

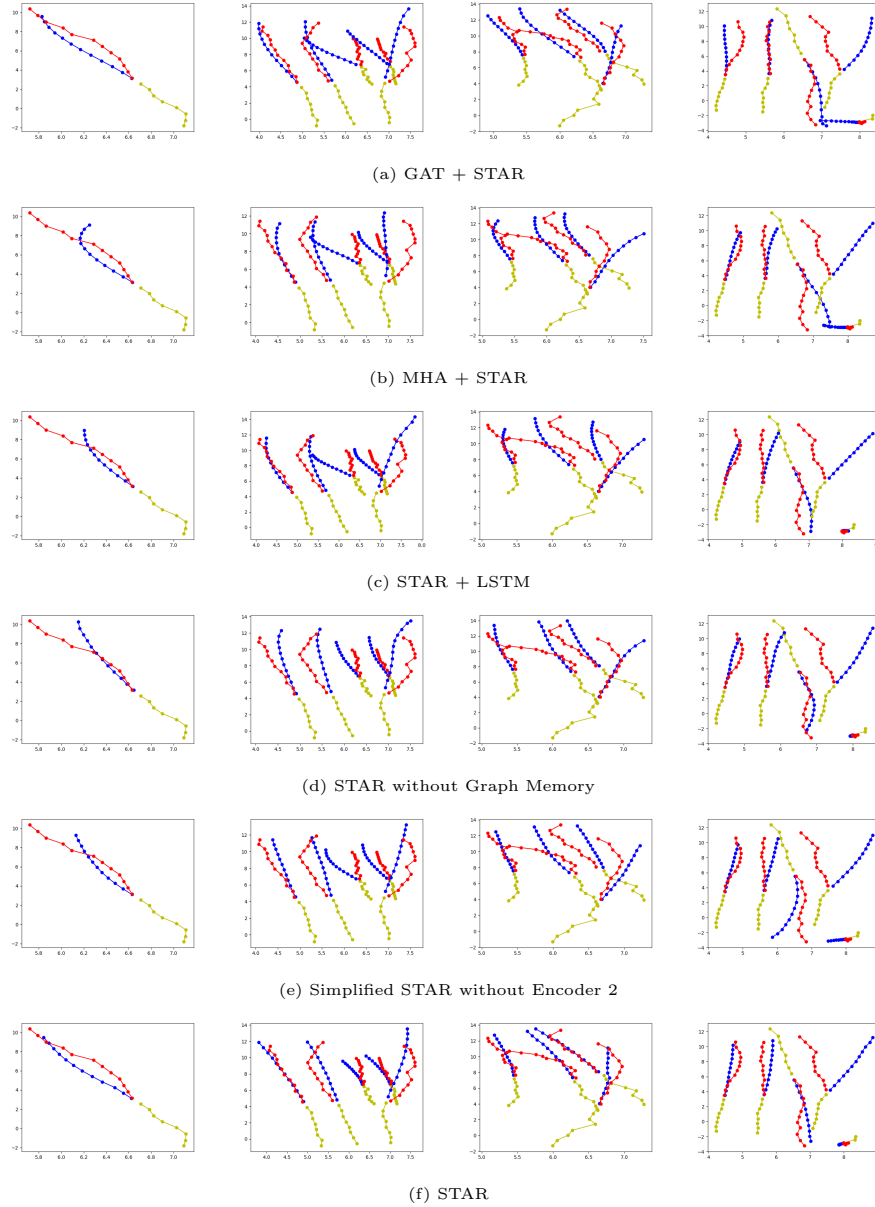


Fig. 2. Trajectory visualization of all ablations. Yellow lines denote the history, red lines denote the ground-truth, and blue lines denote the prediction. Qualitatively, STAR produces best predictions both spatially and temporally.