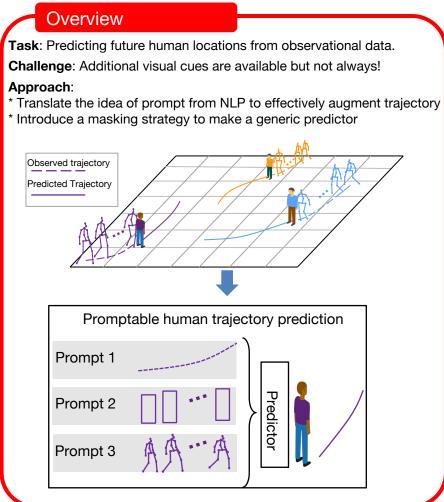


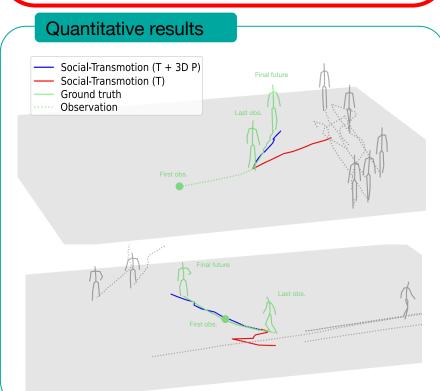
Social-Transmotion Promptable Human Trajectory Prediction

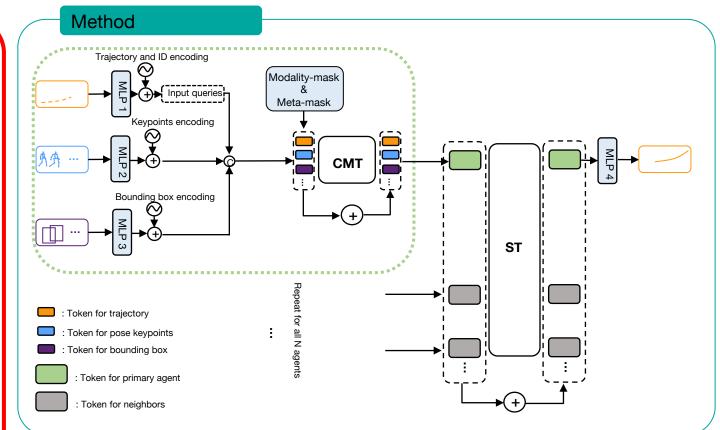


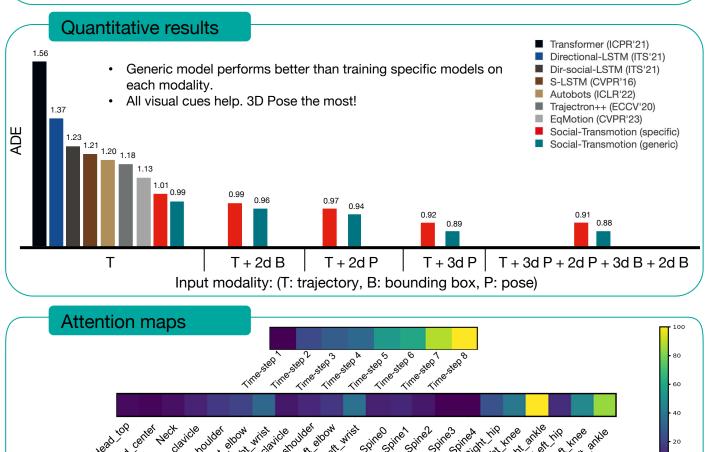


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Imperfect input

Robust against:

- Incomplete trajectory and pose keypoints.
- Noisy pose keypoints input.
- Missing pose keypoints at some frames.

Input Modality at Inference	ADE/FDE
T + 3D P	0.89/1.81
90% T + 90 % 3D P	0.89/1.81
50% T + 50% 3D P	1.01/2.00
50% T + 10% 3D P	1.10/2.16
T + 3D P w/Gaussian Noise (std=25)	0.98/1.94
T + 3D P w/Gaussian Noise (std=50)	1.05/2.05
T + Random Leg and Arm Occlusion	0.90/1.83
T + Structured Right Leg Occlusion	0.90/1.82
T + 50% Complete Frame Missing	0.93/1.89
T + 90% Complete Frame Missing	0.99/1.98

Failure case



