

APPENDIX

The results of the comparison of the methods for trajectory 1 are shown below.

Figure 1 shows the comparison between the XYZ estimated results of each method and the true value, and Figure 2 shows the comparison between the rpy estimated results of each method and the true value. The crest in the figure is the difference between the estimated result and groudtruth, which shows that our method is closer to the groudtruth.

Figure 3 and Figure 4 show the absolute and relative estimation errors of various methods. It can be analyzed that both the mean median error and APE of our method are smaller, achieving the performance of SOTA

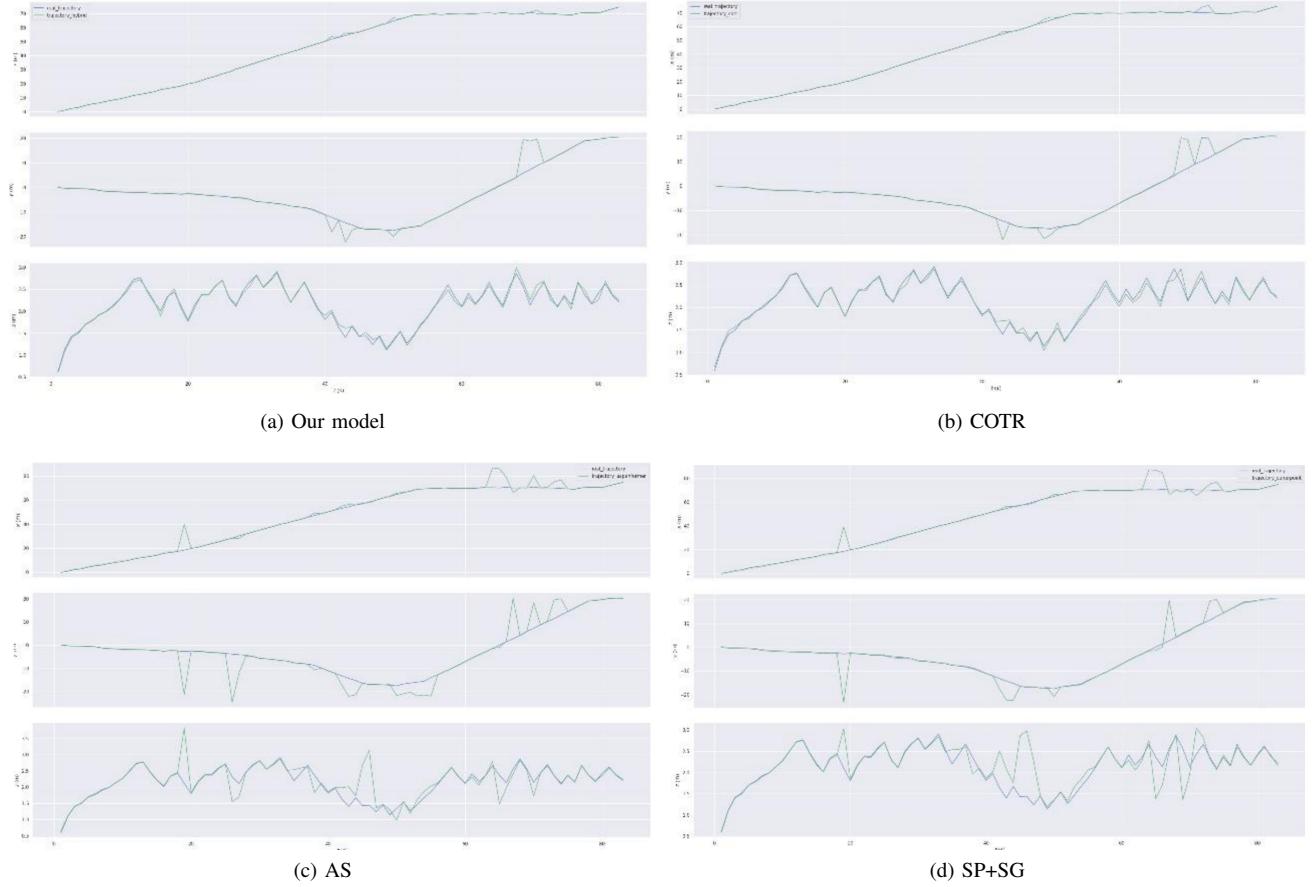


Fig. 1: xyz estimation results vs. Groundtruth.

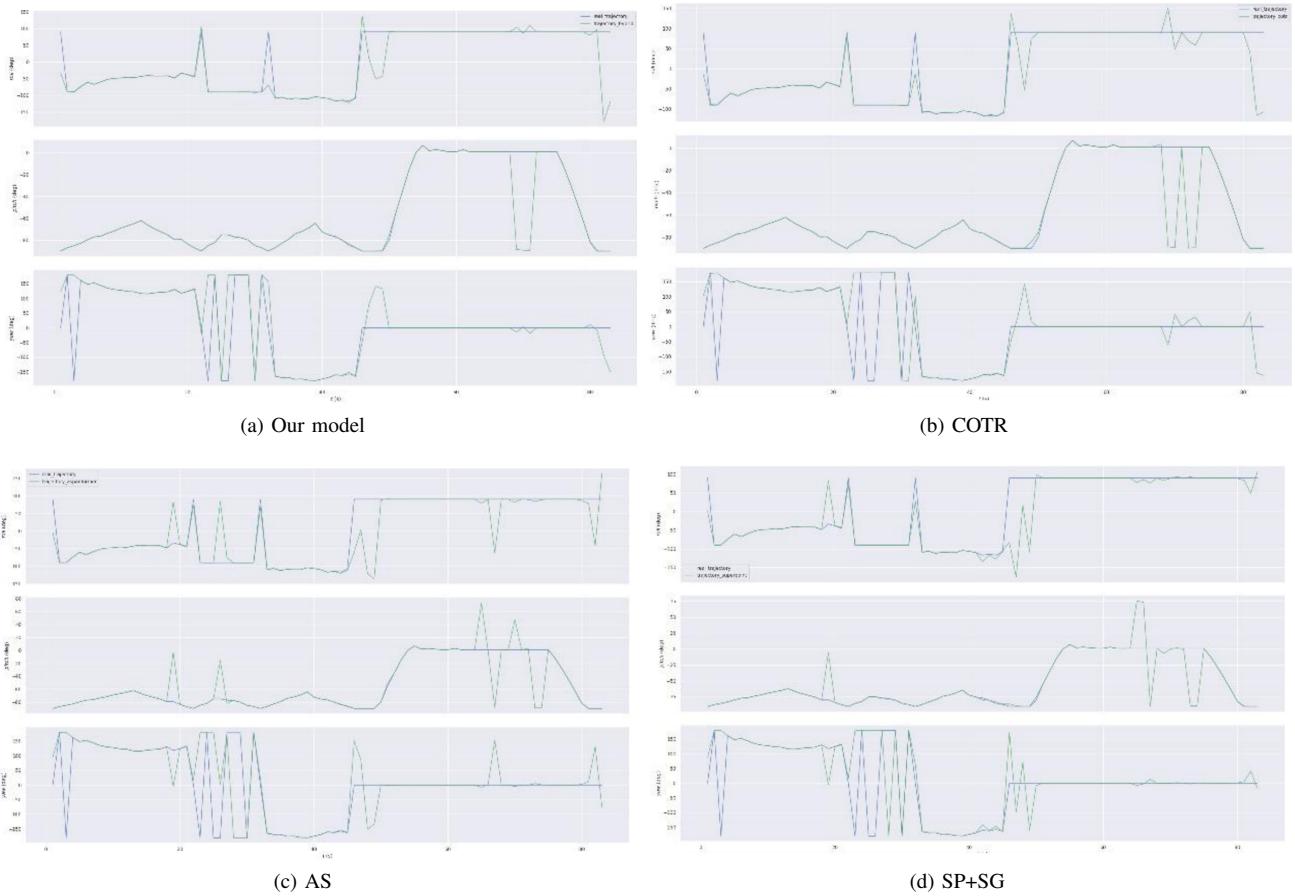


Fig. 2: Rpy estimation results vs. Groundtruth

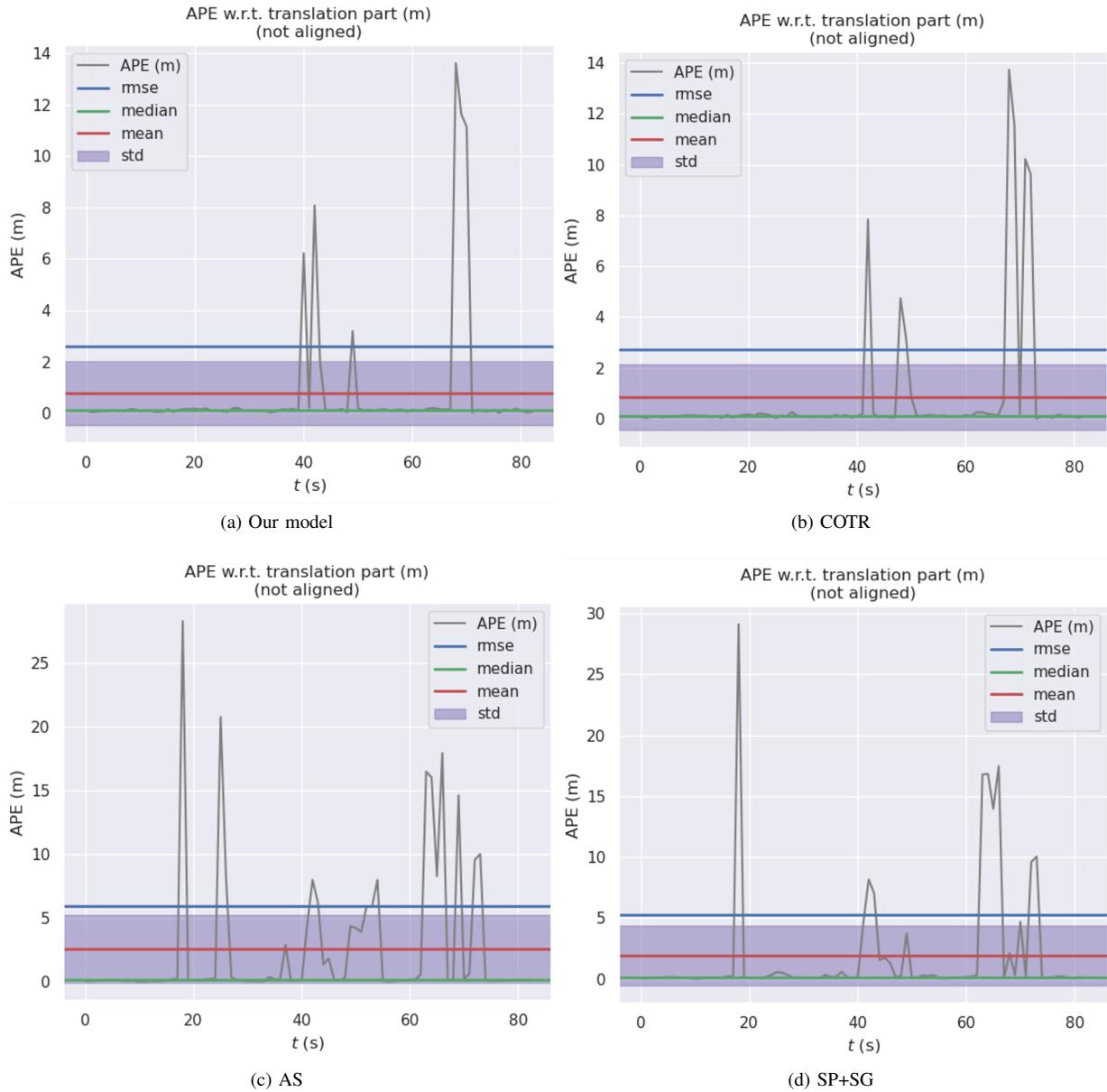


Fig. 3: Absolute error estimation results

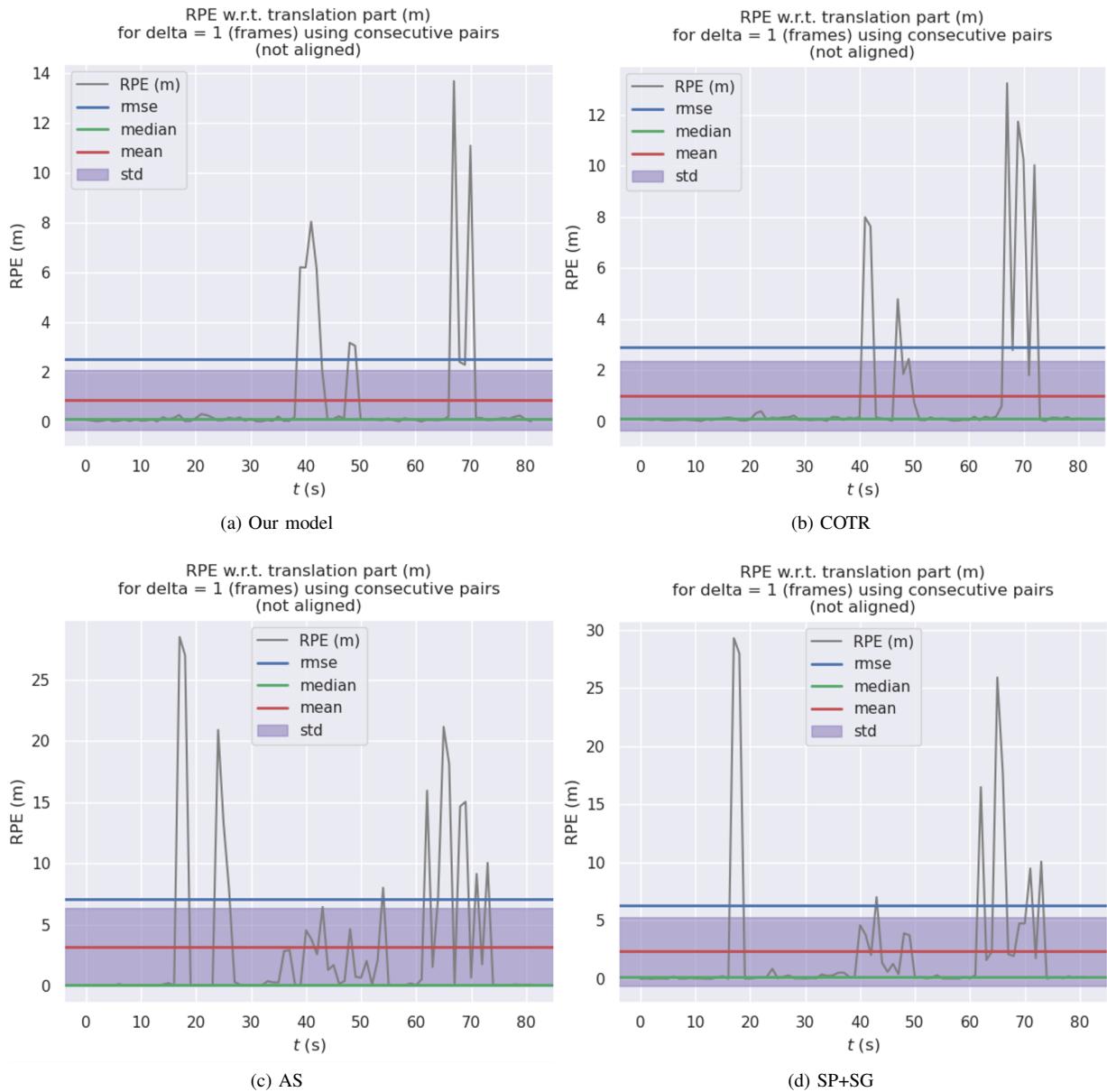


Fig. 4: Relative error estimation results