

Figure 1: Consistency for simulated dataset

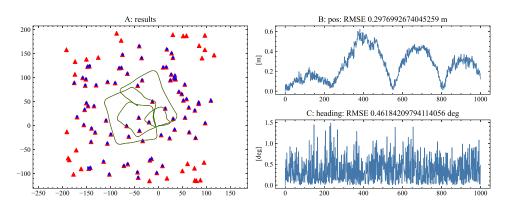


Figure 2: Result and RMSE for simulated dataset

1 Tuning

1.1 Thoughts on tuning VP

- $\bullet\,$ Higher R_1 Less landmarks
- Trust odometry to much causes predicted position to change making it harder to make associations
- Too large R, we overfit and NIS becomes small