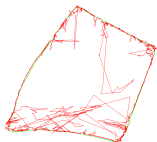
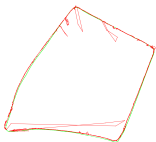


Result on Oxford RobotCar dataset

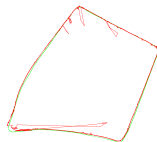
1 km



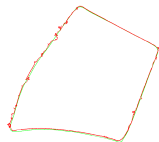
PoseNet [1]



MapNet [2]

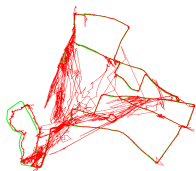


MapNet+PGO [2]

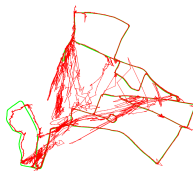


Our method

10 km



MapNet [2]



MapNet+PGO [2]



Our method

[1] A. Kendall, M. Grimes, and R. Cipolla, "Posenet: A convolutional network for real-time 6-dof camera relocalization," in CVPR, 2015.

[2] S. Brahmbhatt, J. Gu, K. Kim, J. Hays, and J. Kautz, "Geometry-aware learning of maps for camera localization," in CVPR, 2018.