APE w.r.t. translation part (m) (with Sim(3) Umeyama alignment) APE (m) 1.6 rmse median 1.4 mean std 1.2 1.0 APE (m) 8.0 0.6 0.4 0.2 0.0

20

10

0

30

40

t (s)

50

60

70

