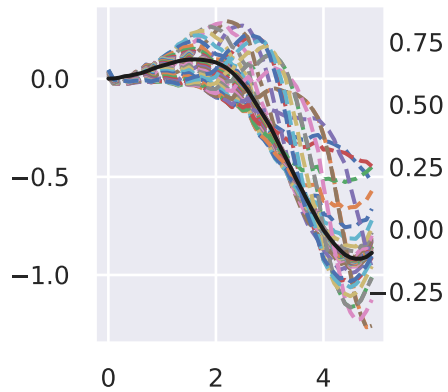
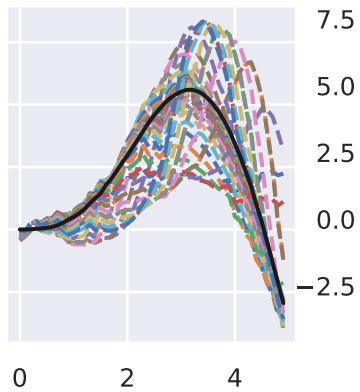


## SE(2) Filter Comparisons

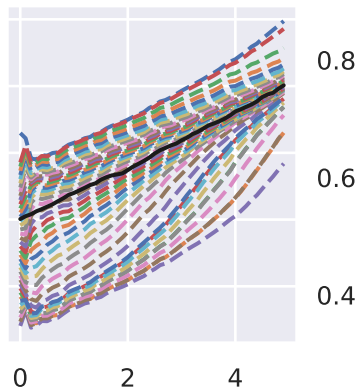
(a) EKF:  $x$



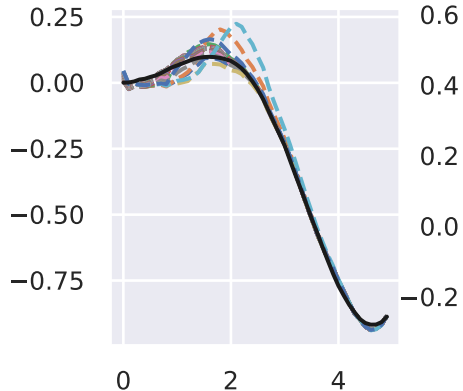
(b) EKF:  $y$



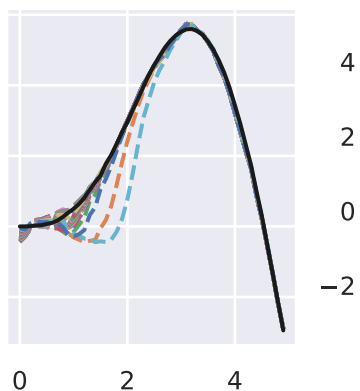
(c) EKF:  $\theta$



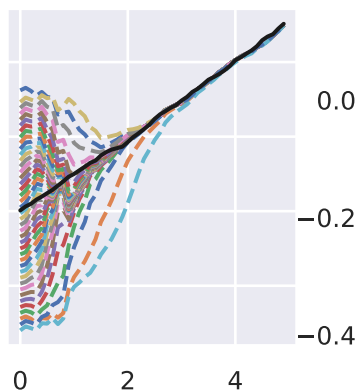
(d) IEKF:  $x$



(e) IEKF:  $y$



(f) IEKF:  $\theta$



(g) Example Trajectory

