Handover trajectory in world frame, n = 6, Robot: Taker 1.8 0.0 E N **−0.2** 1.6 0.2 1.4 0.0 **∃** 1.2 × 1.0 **E ≻ −0.2** t [s] 0.8 0.00 -0.40.6 -0.05**-0.6** 0.4 t [s] t [s] t [s] **Human position True human position Human plan True robot position Robot position** ----- Predicted handover, K7 = 0.08 **Robot plan**