Handover trajectory in world frame, n = 6, Robot: Taker 0.4 1.8 -0.20.2 1.6 -0.41.4 0.0 **E −0.2 Ξ 1.2** × t [s] 1.0 -0.2 0.8 -0.4Z[m]0.6 -0.4-0.60.4 t [s] t [s] t [s] **Human position True human position Human plan True robot position Robot position** ----- Predicted handover, K8 = 0.01

Robot plan