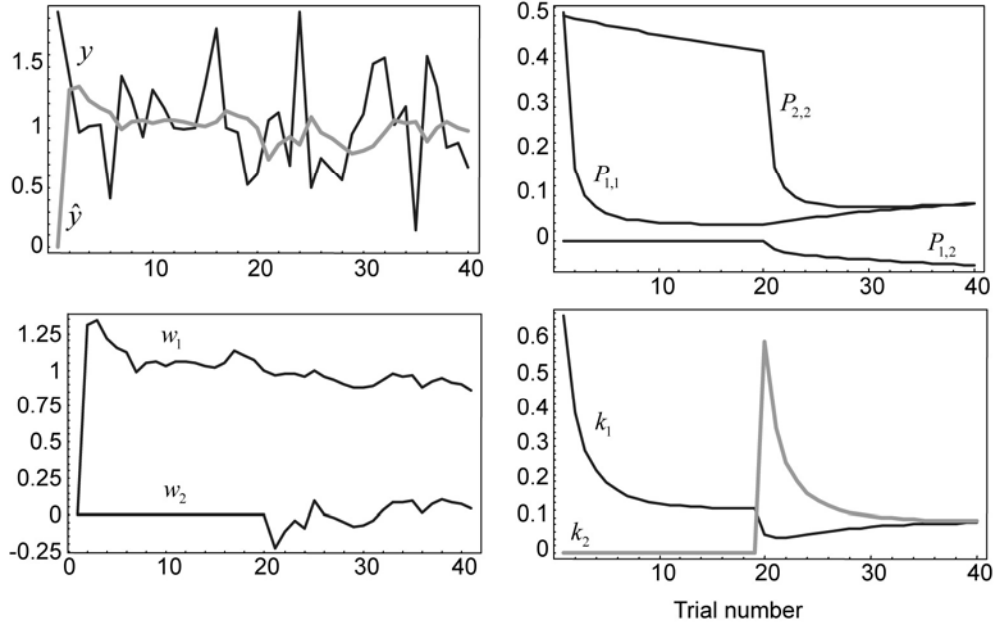
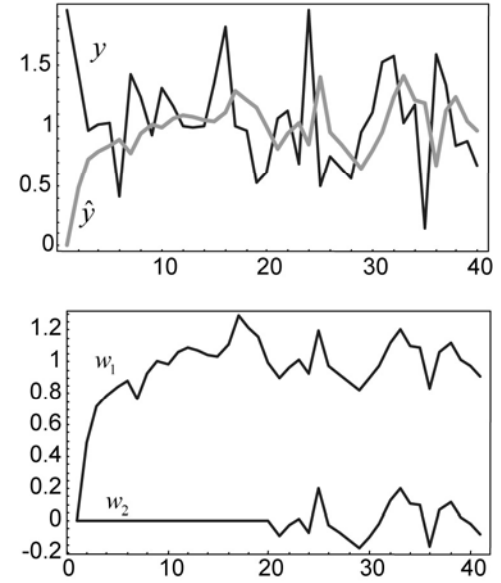
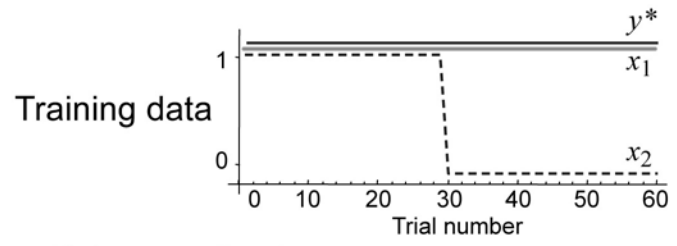


Kalman estimator

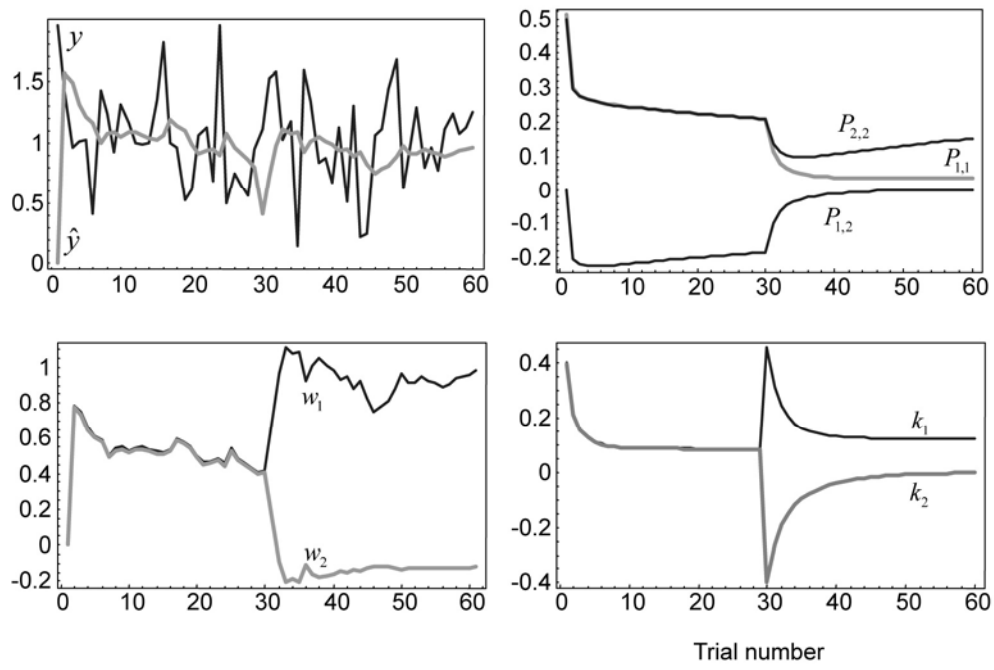


LMS

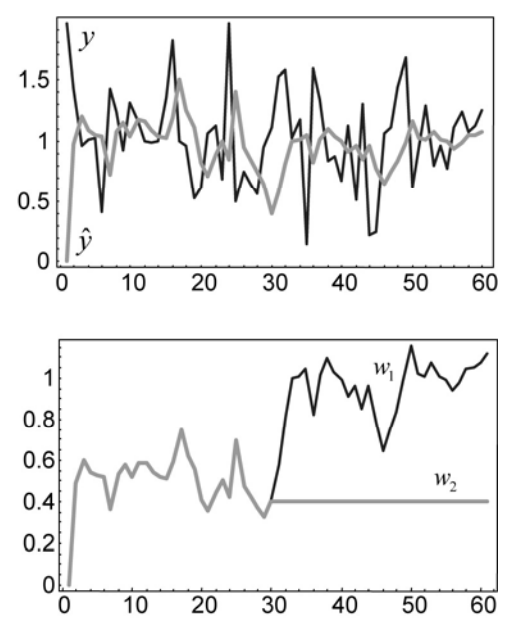




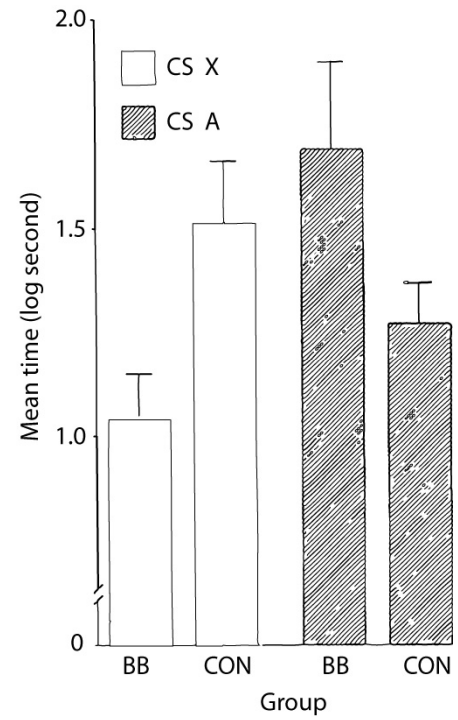
Kalman estimator

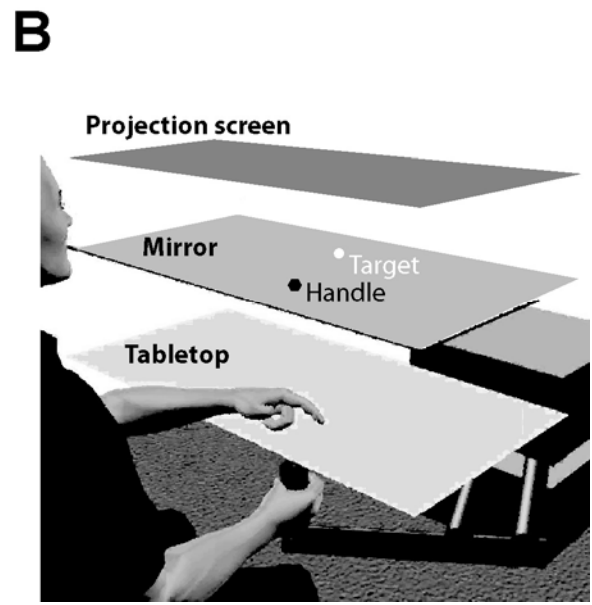
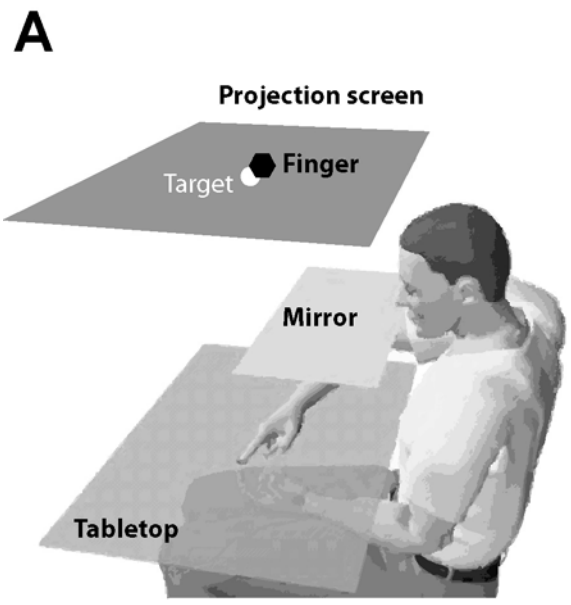


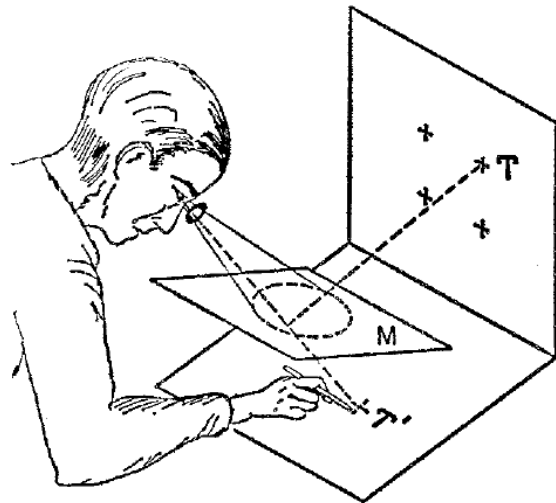
LMS



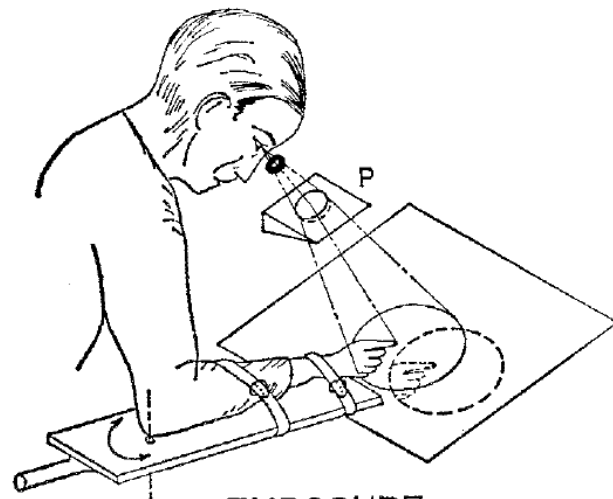
Group	Treatment			Tests
	Phase 1	Phase 2	Phase 3	
Backward blocking	AX -> B	A -> B	B -> US	X? A?
Control	AX -> B	A -> C	B -> US	X? A?



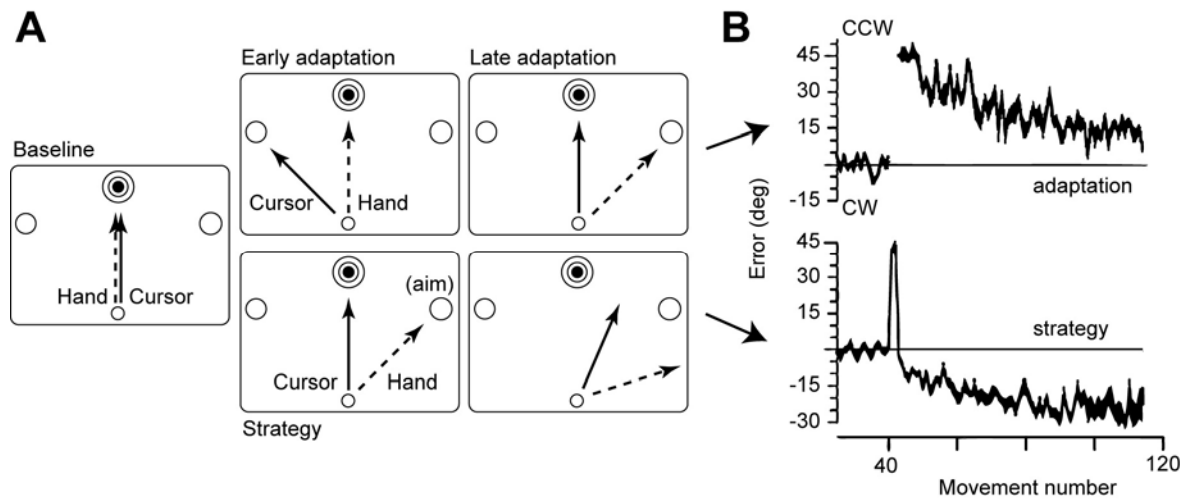


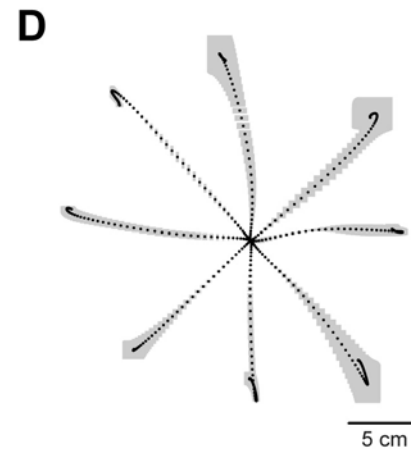
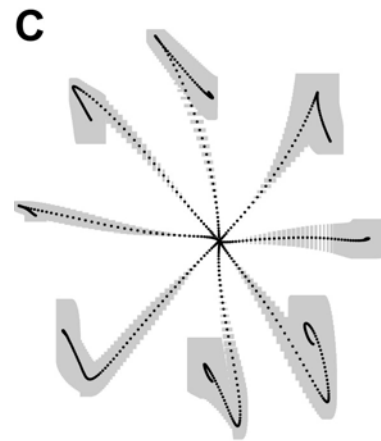
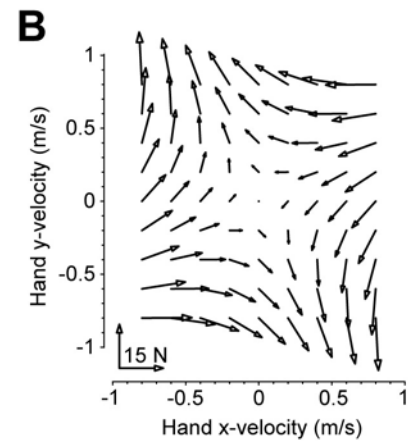
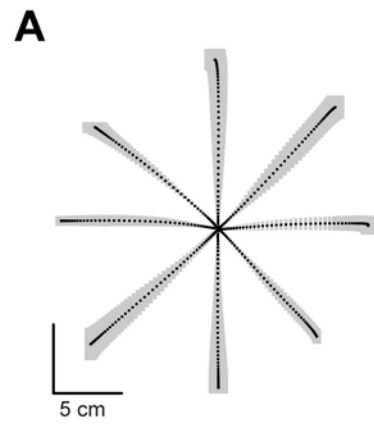


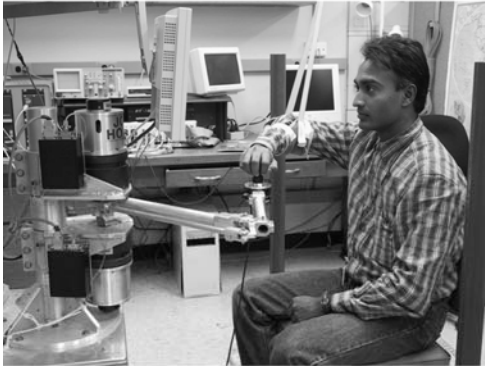
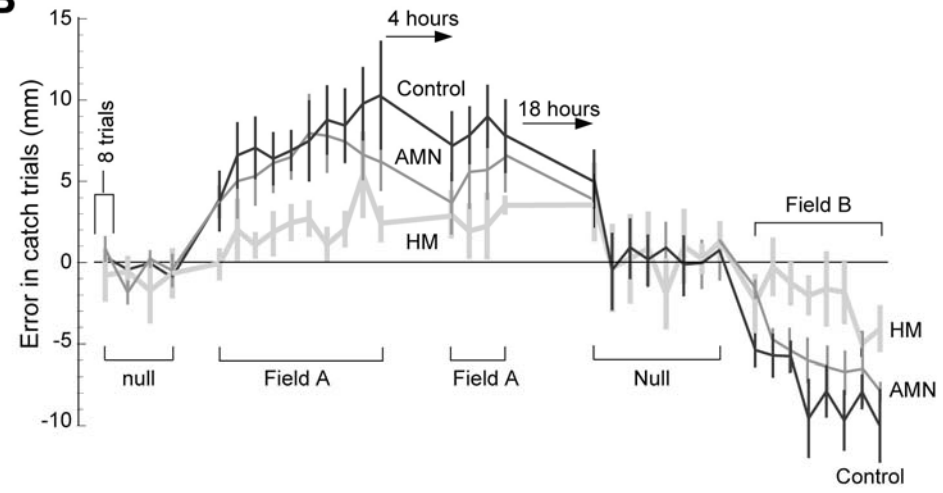
TEST

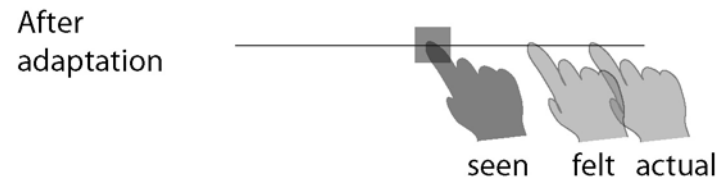
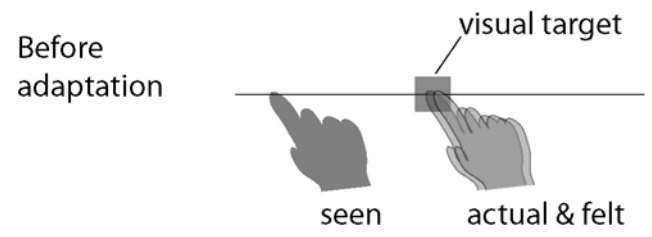


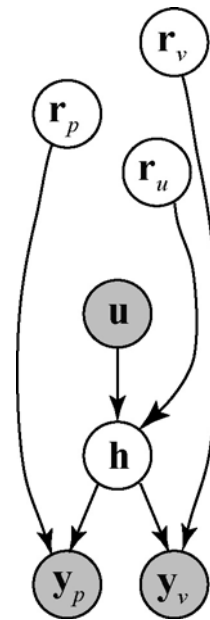
EXPOSURE

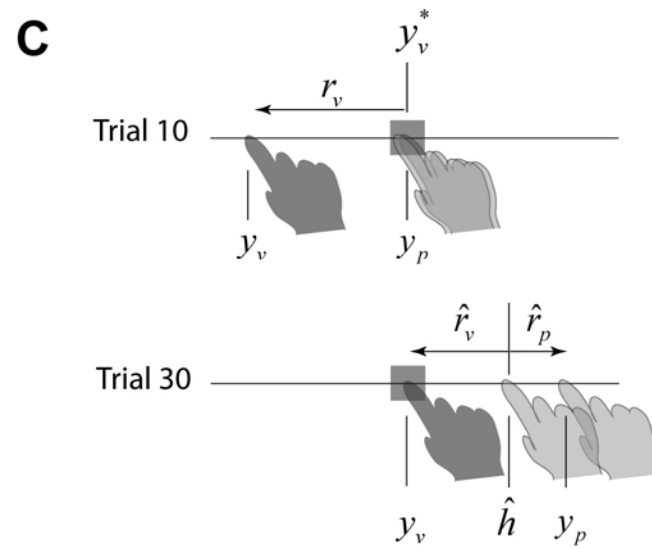
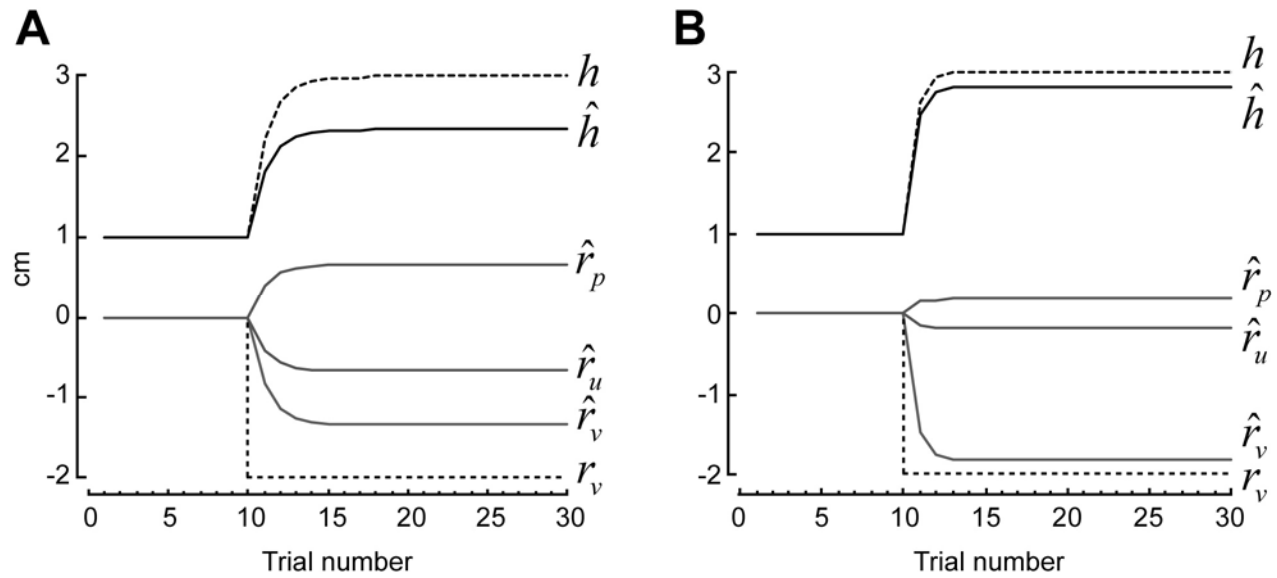


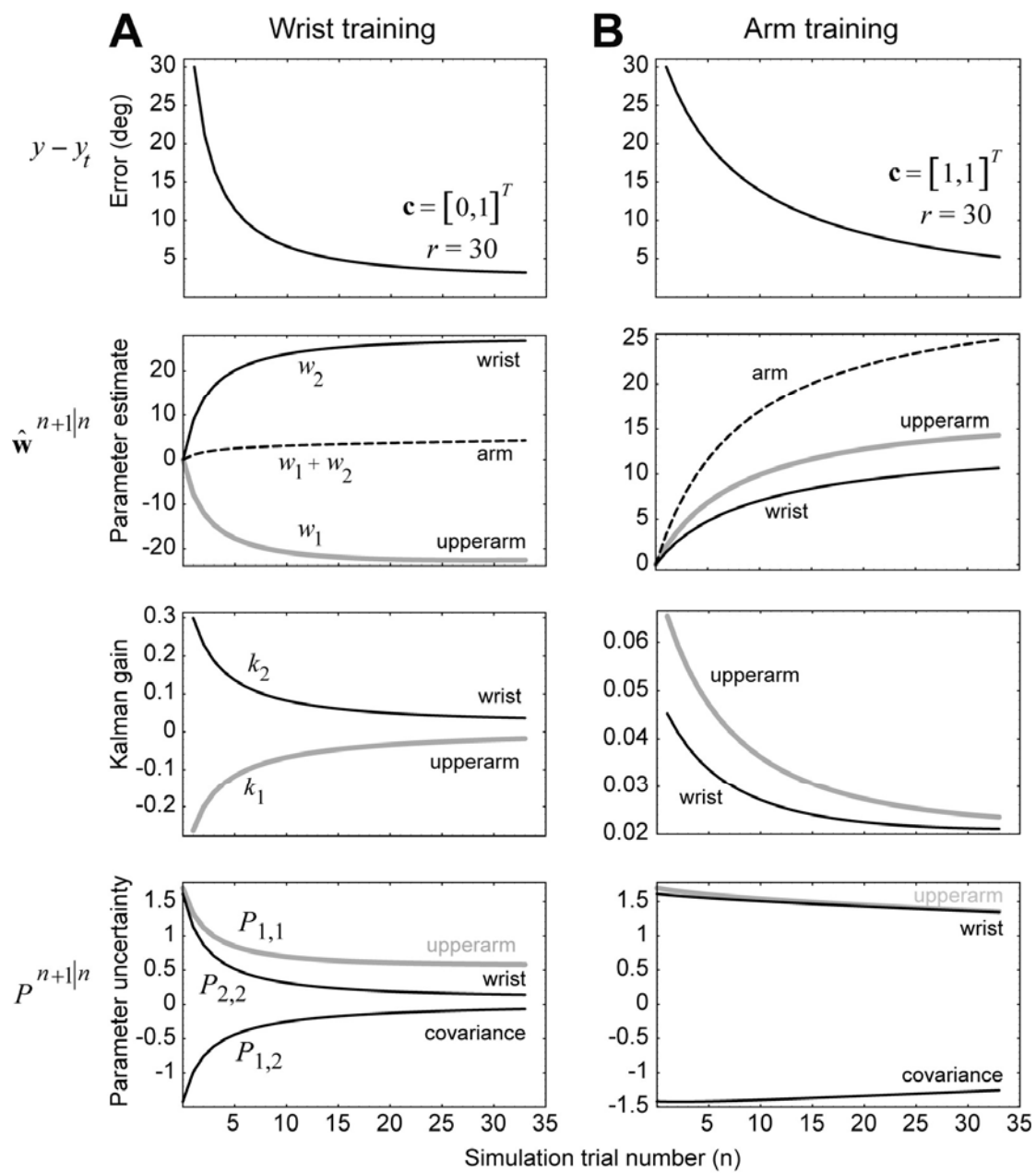


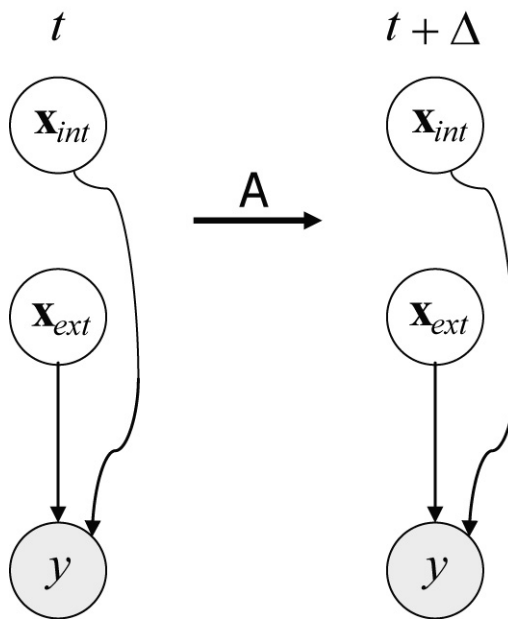
A**B**







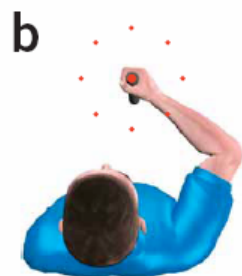
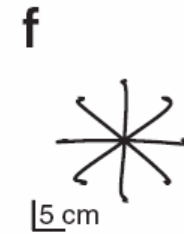
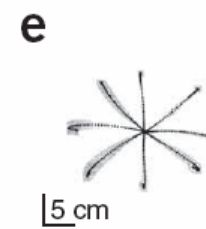
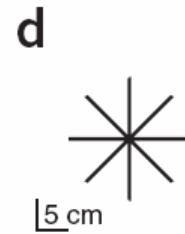
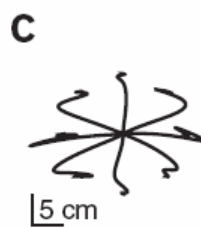






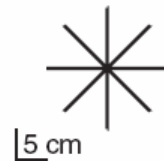
Adapt

Intrinsic
disturbance
 $\tau = W\dot{\theta}$

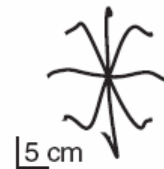


Generalize

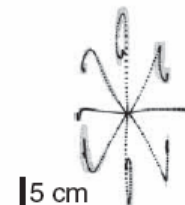
Extrinsic
disturbance
 $F = B\dot{x}$



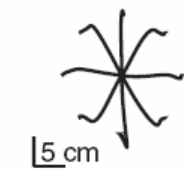
Simulated data:
inferred world
disturbance



Simulated data:
inferred body
disturbance

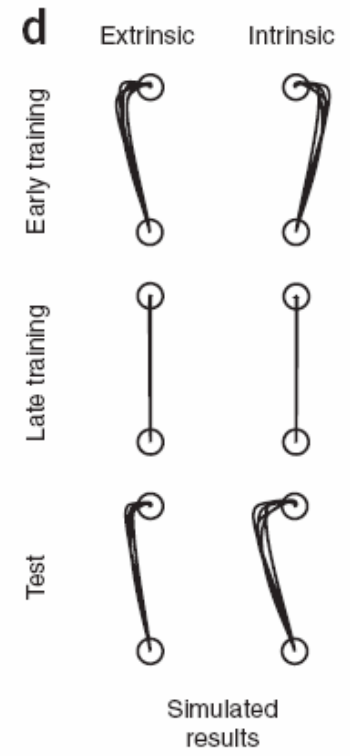
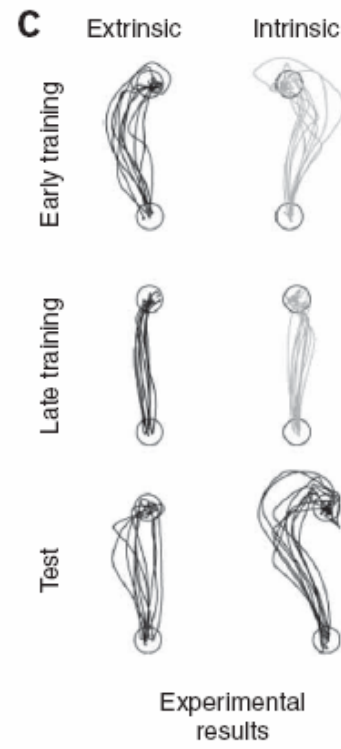


Experimental
data

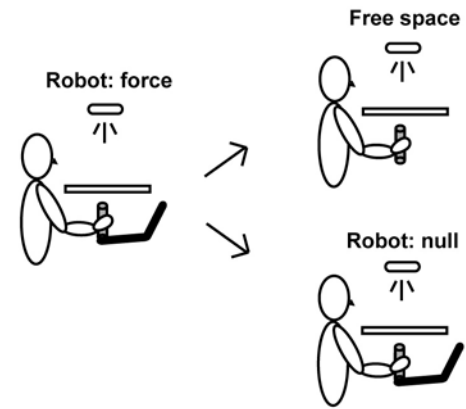


Simulated
results

Intralimb generalizations (left targets)



A



B

