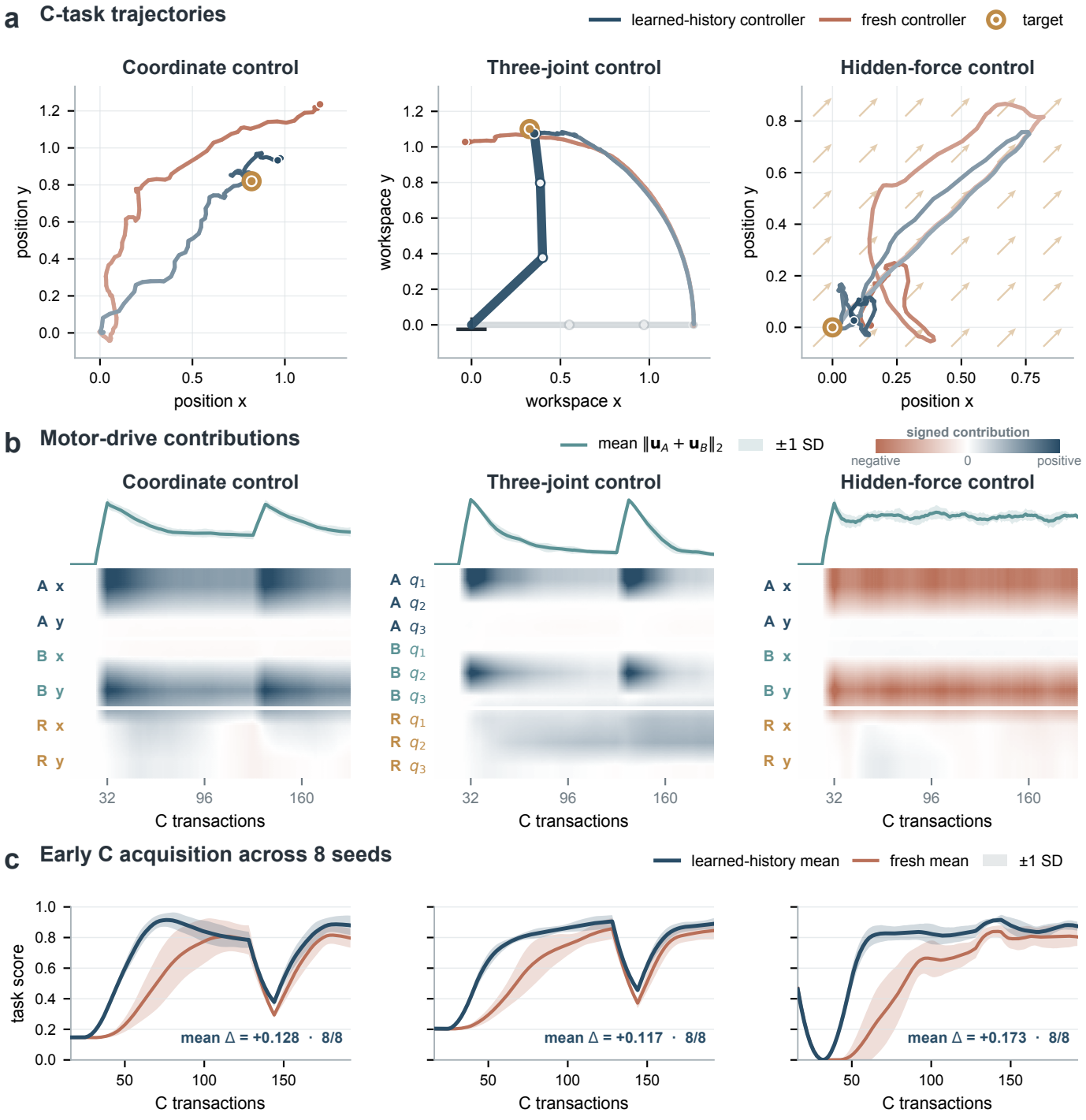

a
C-task trajectories
learned-history controller
fresh controller
target
Coordinate control
Three-joint control
Hidden-force control
position y
position x
workspace y
workspace x
b
Motor-drive contributions
mean $\|\mathbf{u}_A + \mathbf{u}_B\|_2$
±1 SD
signed contribution
negative
0
positive
A x
A y
B x
B y
R x
R y
A q_1
A q_2
A q_3
B q_1
B q_2
B q_3
R q_1
R q_2
R q_3
C transactions
c
Early C acquisition across 8 seeds
learned-history mean
fresh mean
±1 SD
task score
mean Δ = +0.128 · 8/8
mean Δ = +0.117 · 8/8
mean Δ = +0.173 · 8/8
C transactions