LC, TC-1, Nonlinear (CitAST) Env nMAE = 5.7%,  $CA = 5.6 \cdot 10^{-2}$  rad/s 0.2  $\hat{ heta}$  $\theta = \theta - \theta_{ref}$ 0.1 -0.1 0.2  $\overline{\delta_e^{
m com}}$  $\delta_e$ 0.1 -0.1  $\hat{q}$ q0.2 0.15 0.1 0.05 0.2  $\hat{lpha}$  $\alpha$ 0.1 -0.1 time step