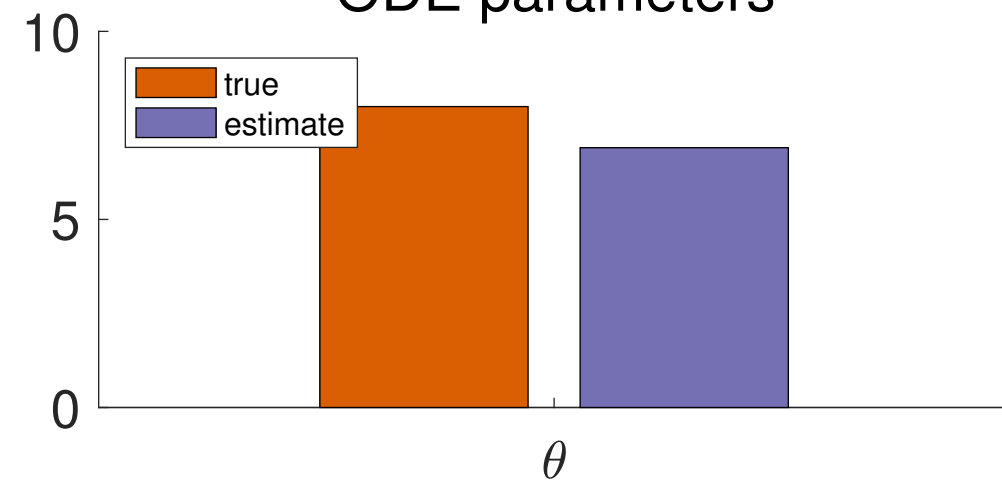
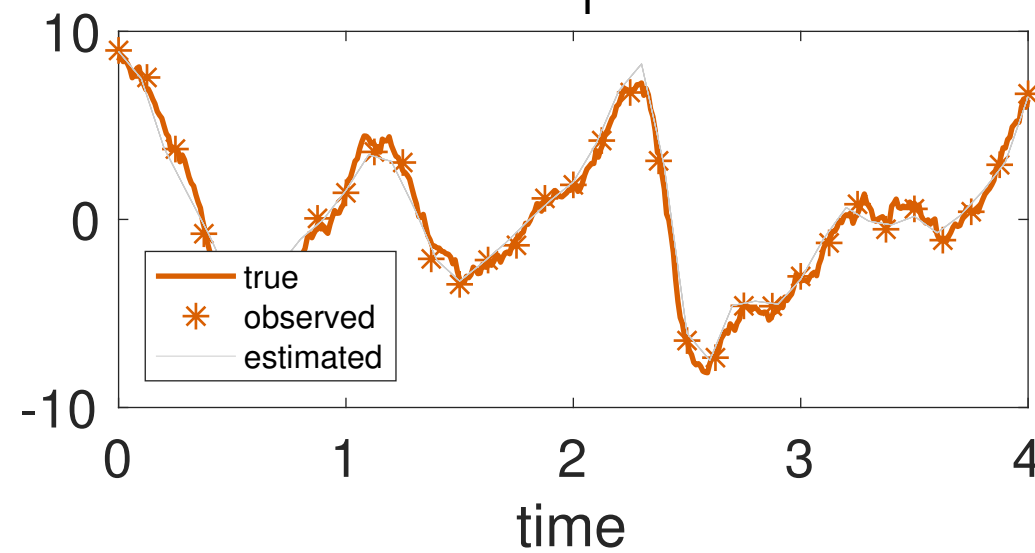
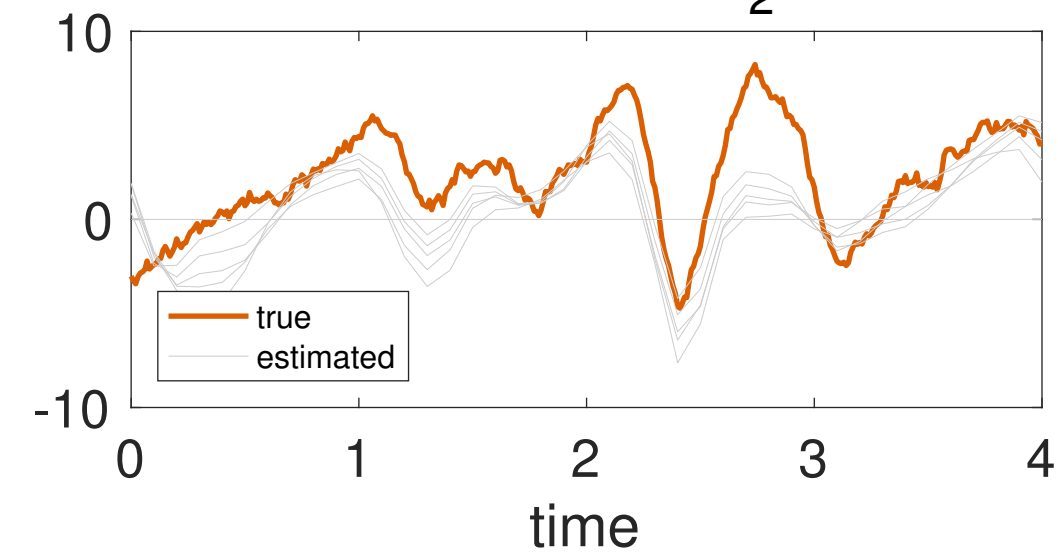
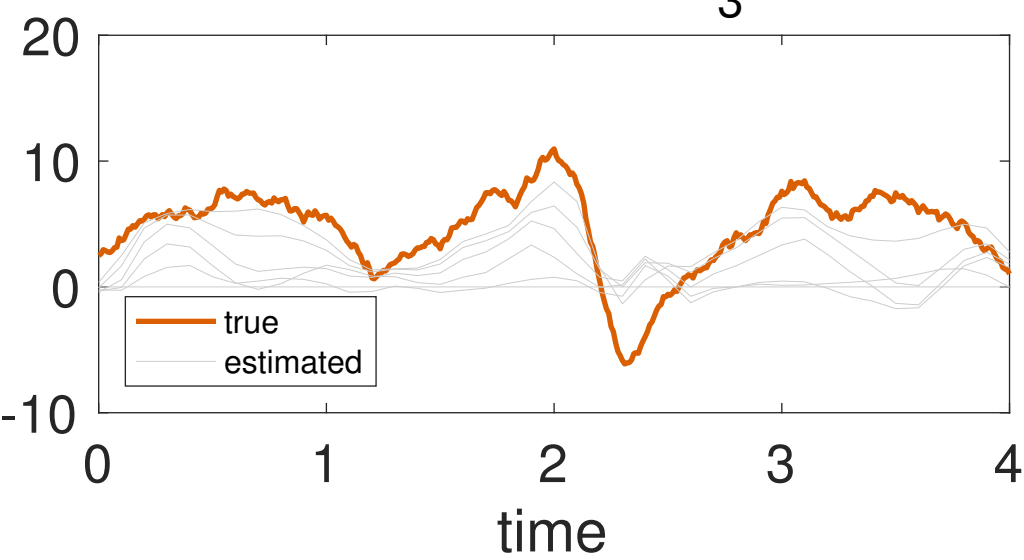
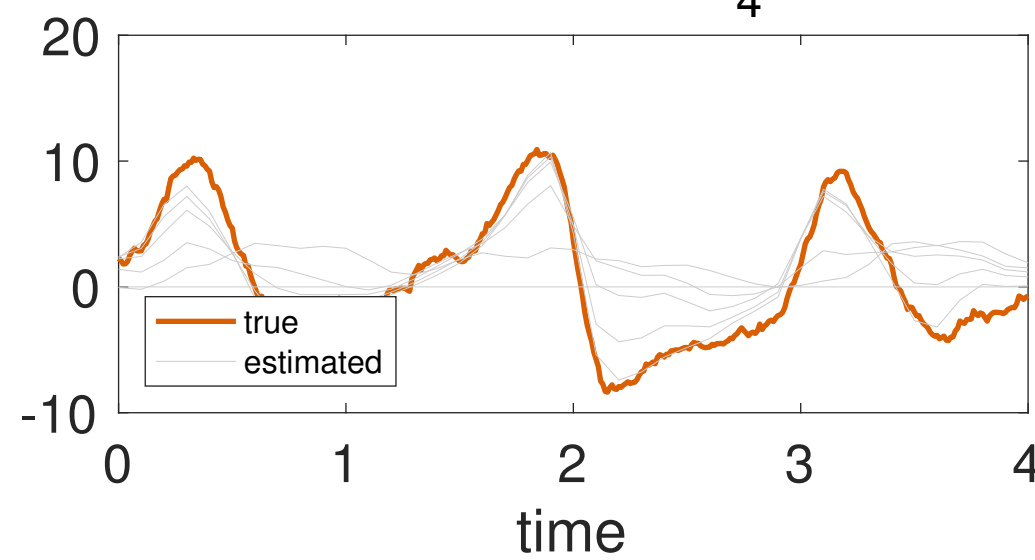
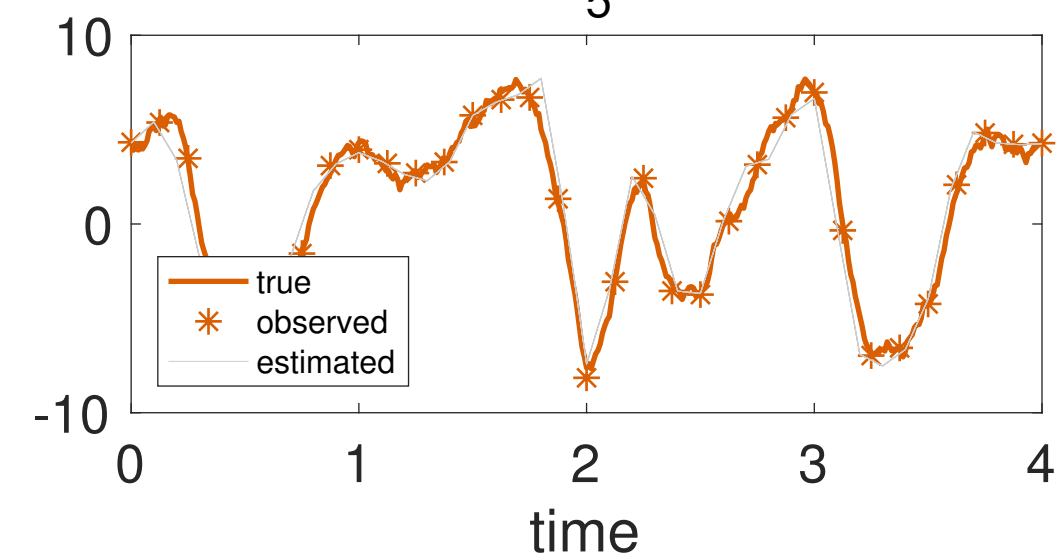
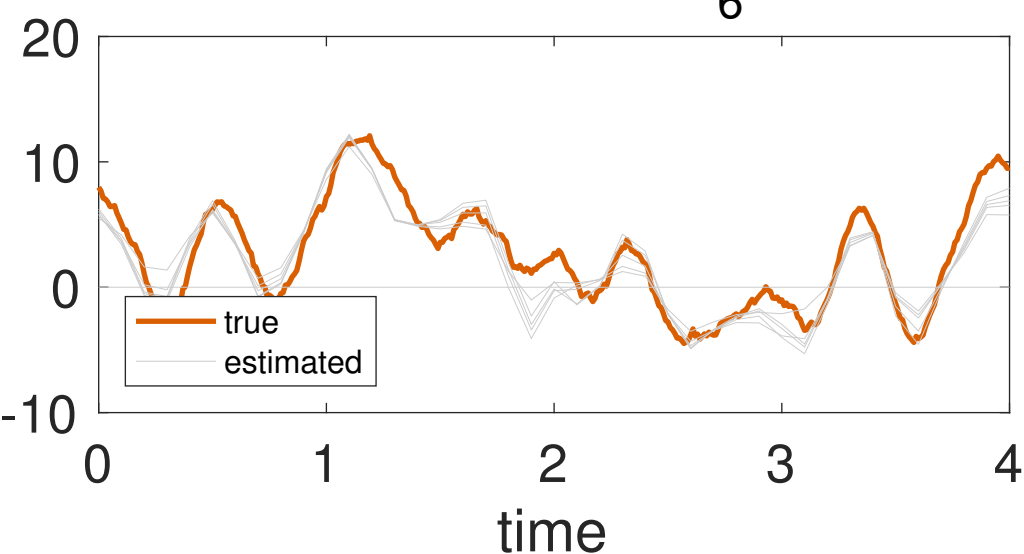
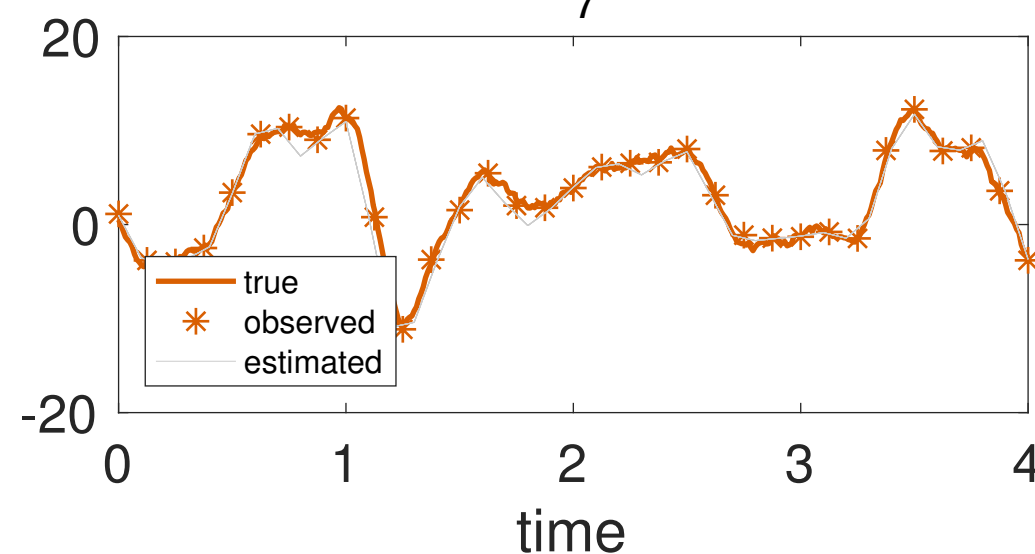


ODE parameters

 x_1 unobserved x_2 unobserved x_3 unobserved x_4  x_5 unobserved x_6  x_7  x_8 