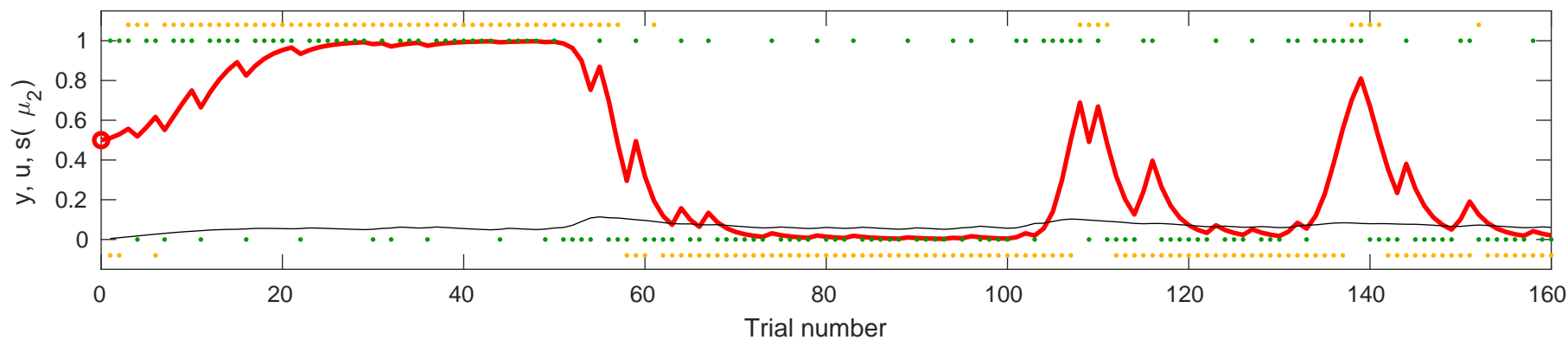
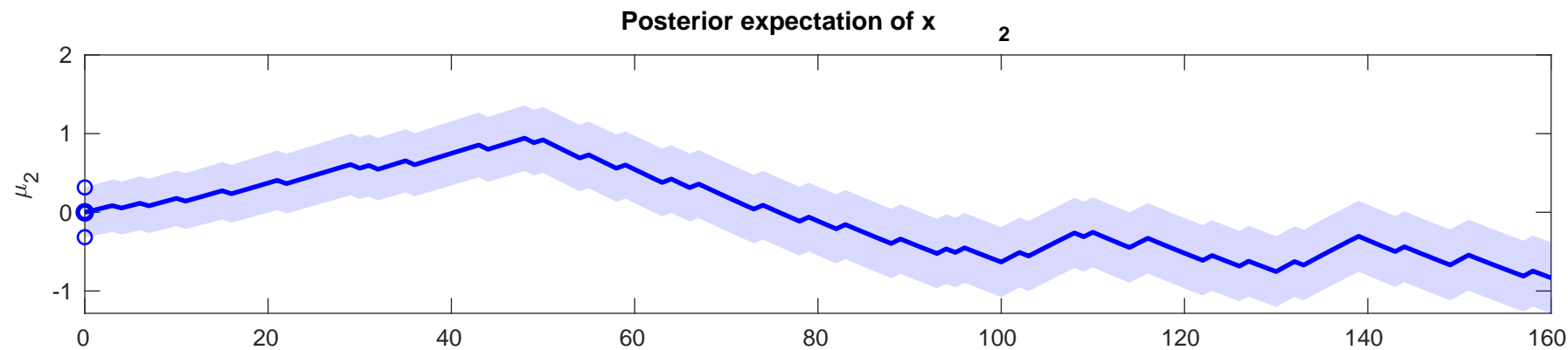
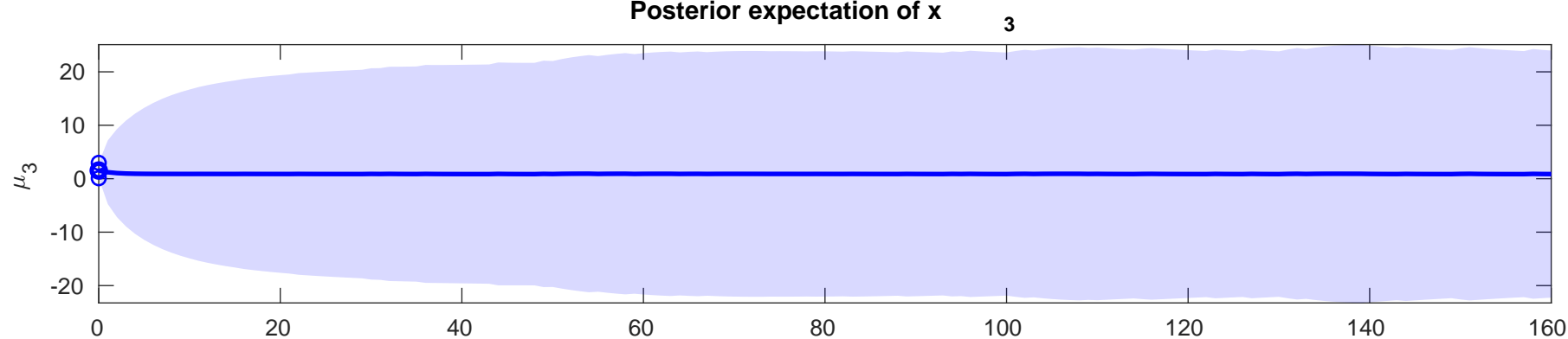
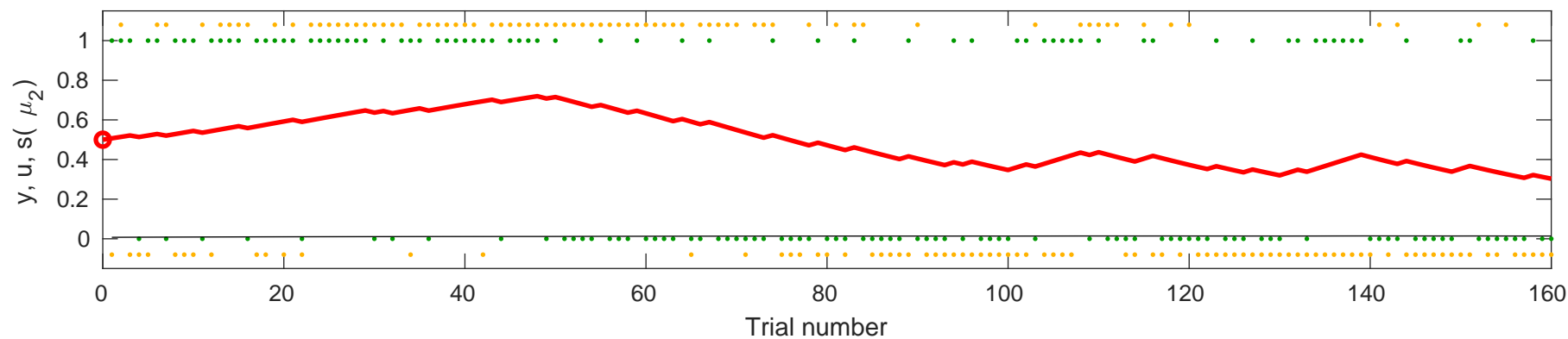


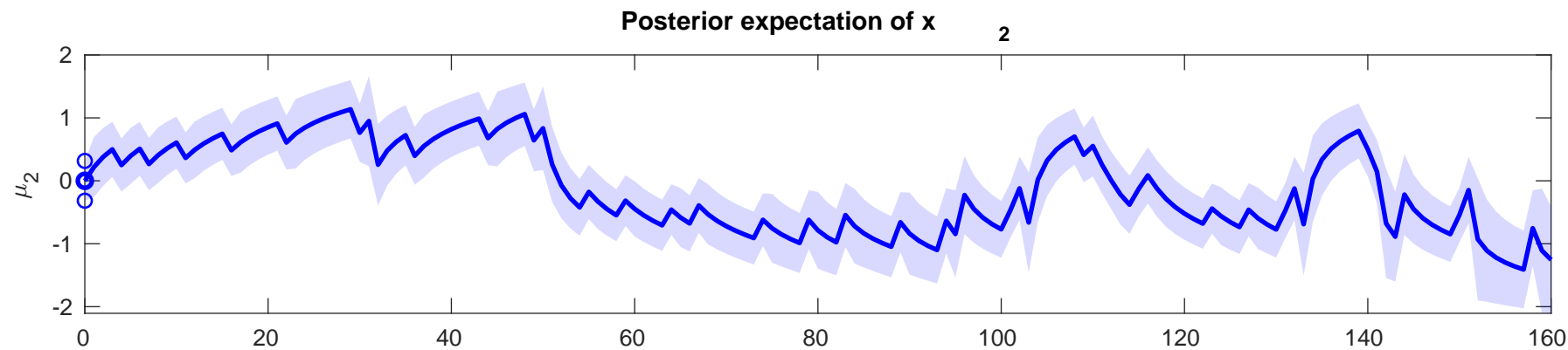
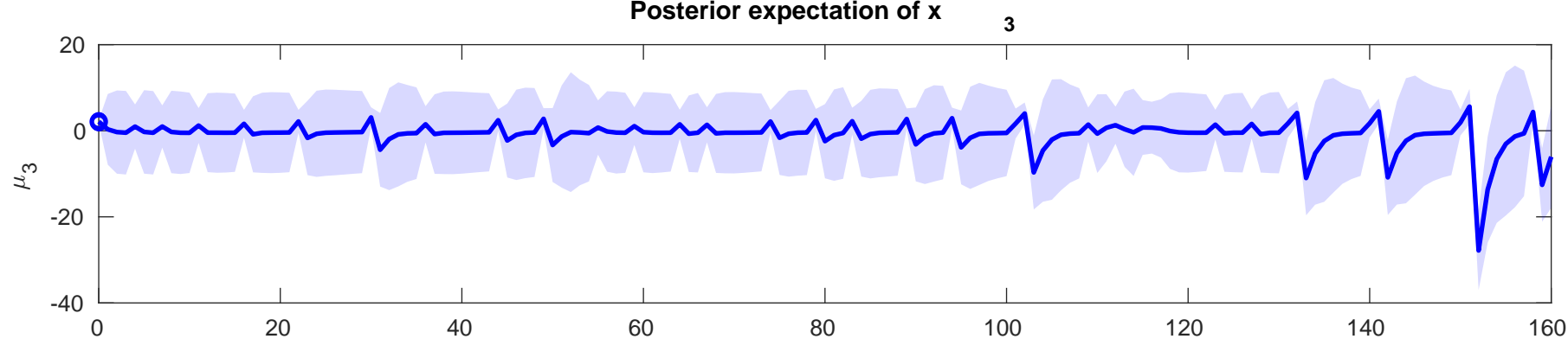
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.7099$



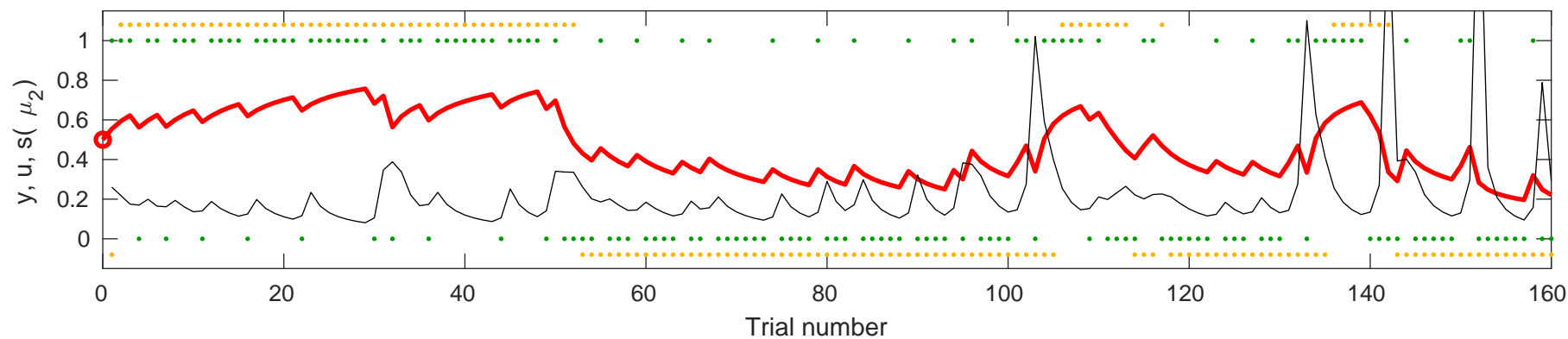


use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-6.717$



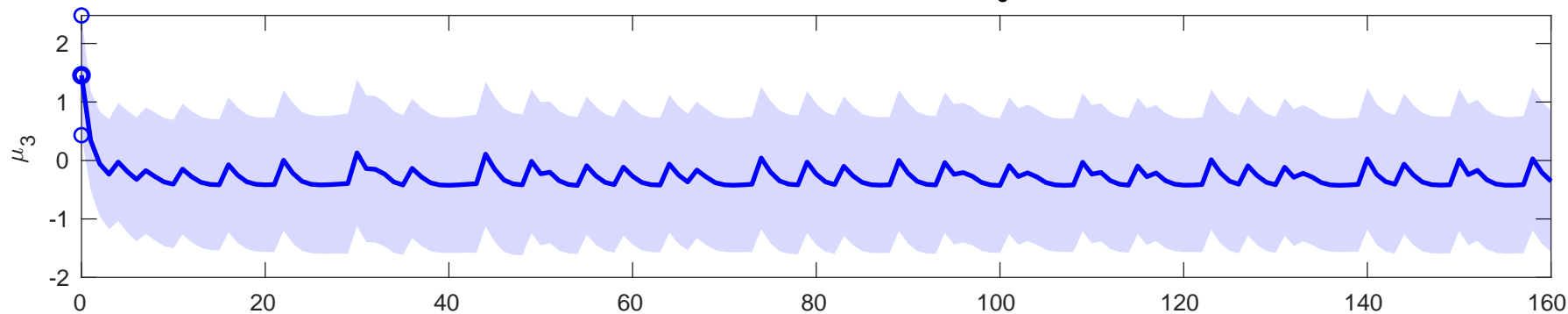


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.7706$

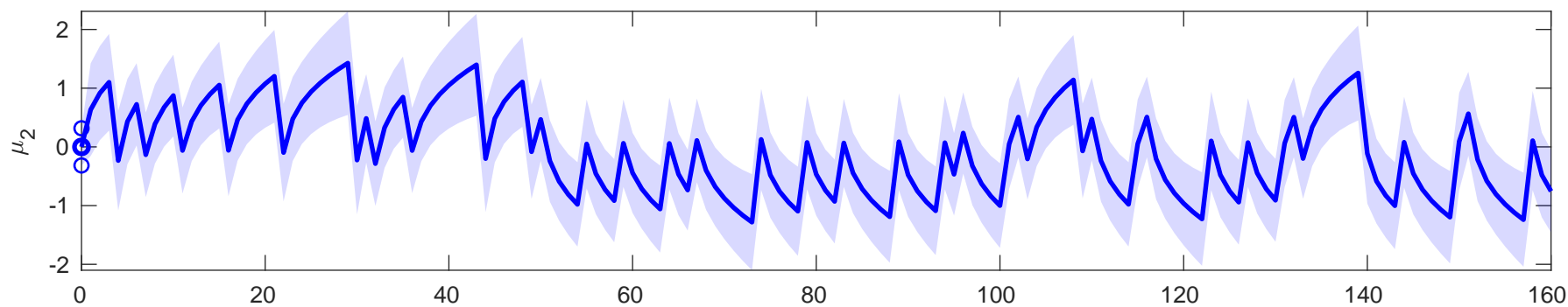


Posterior expectation of x

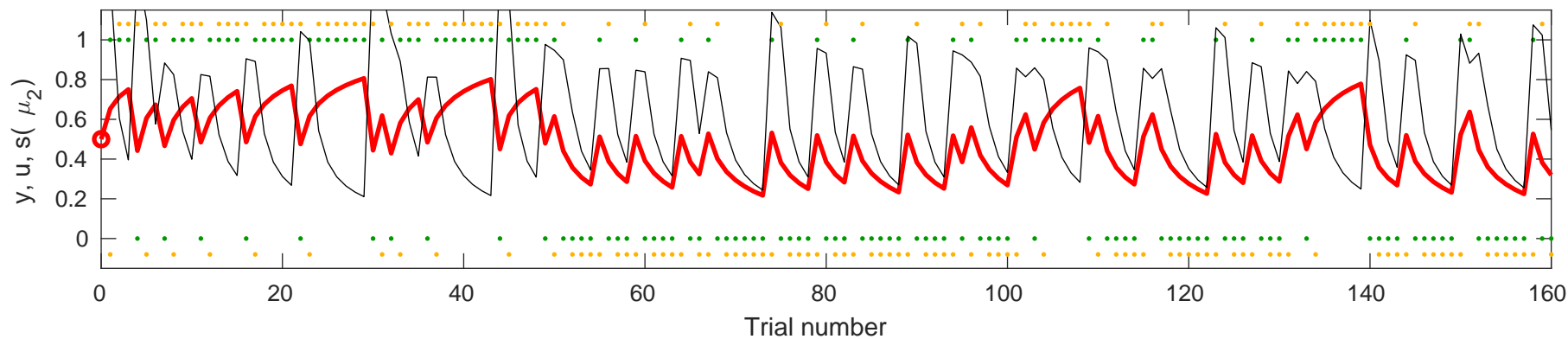
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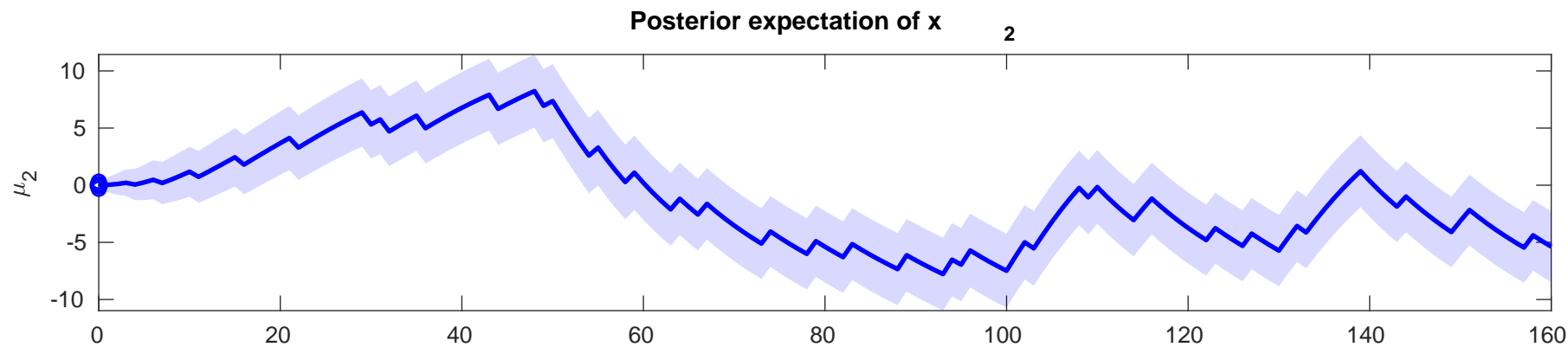
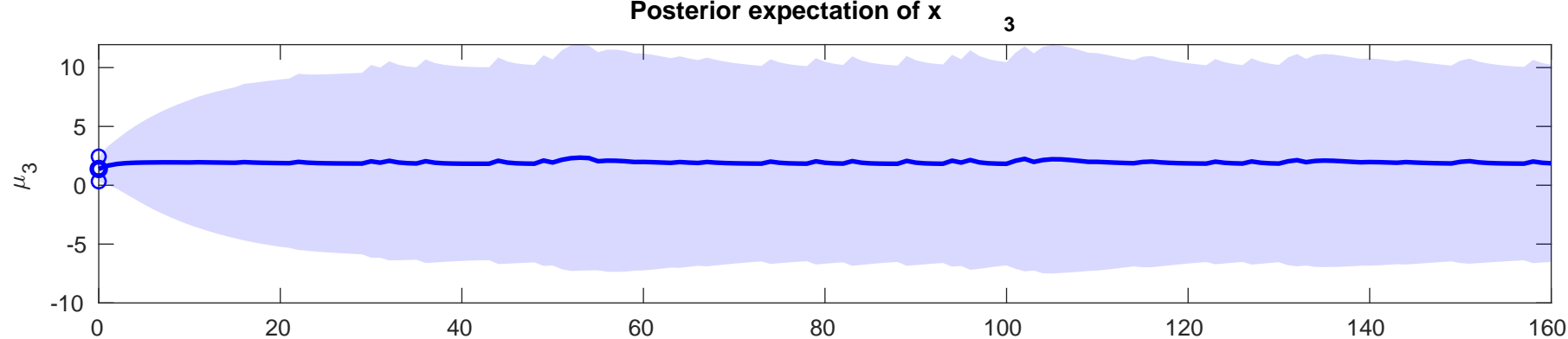
Posterior expectation of x

2

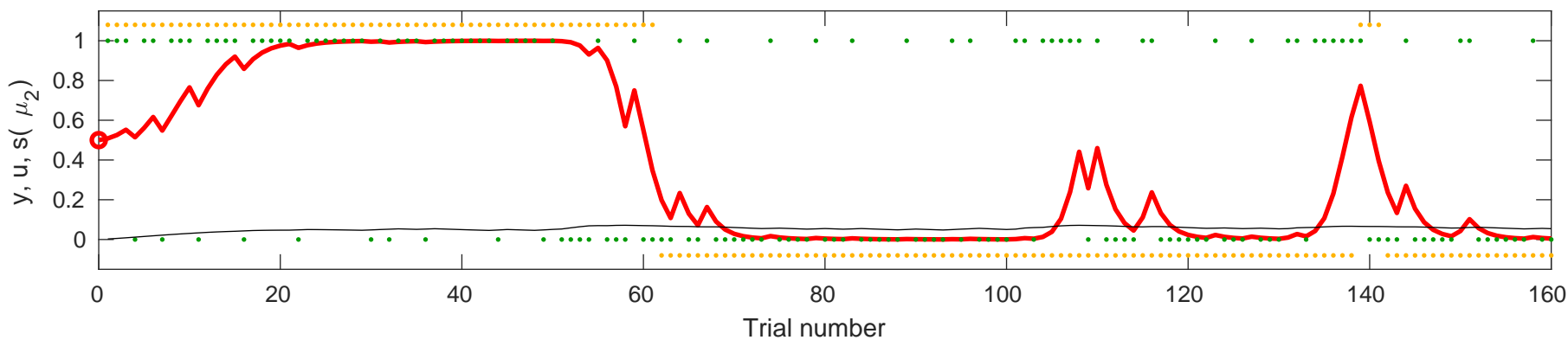


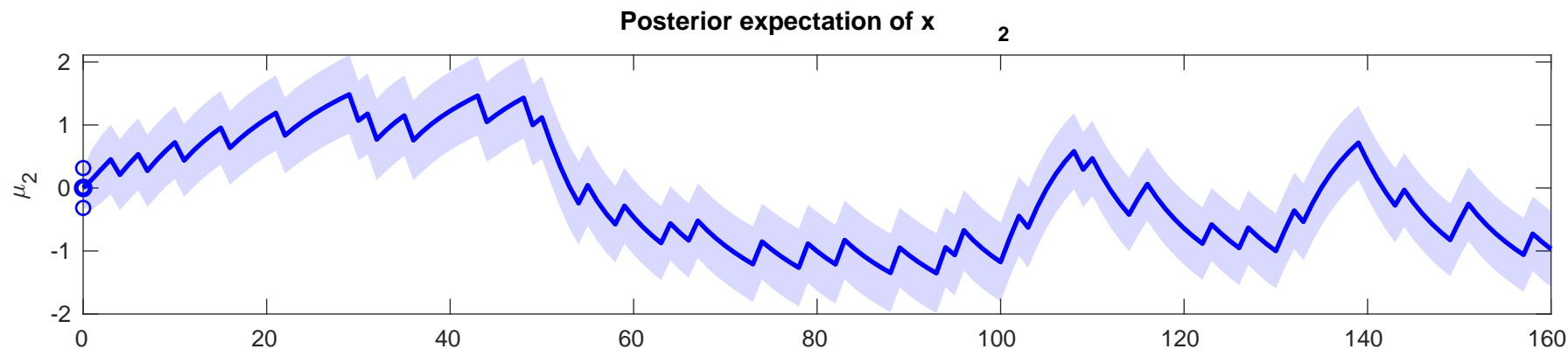
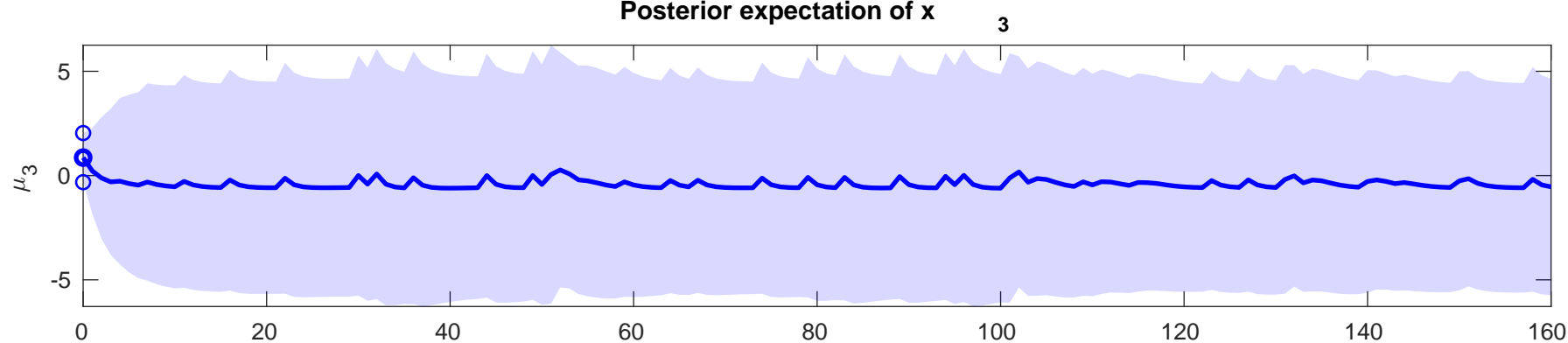
Plot of the posterior expectation of x_2 (red line) over 160 trials. The y-axis is labeled μ_2 and ranges from -2 to 2. The plot shows a highly oscillatory signal that fluctuates between approximately -1 and 1.5. A light blue shaded region represents the uncertainty or confidence interval, which is wider initially and narrows as the trial number increases.



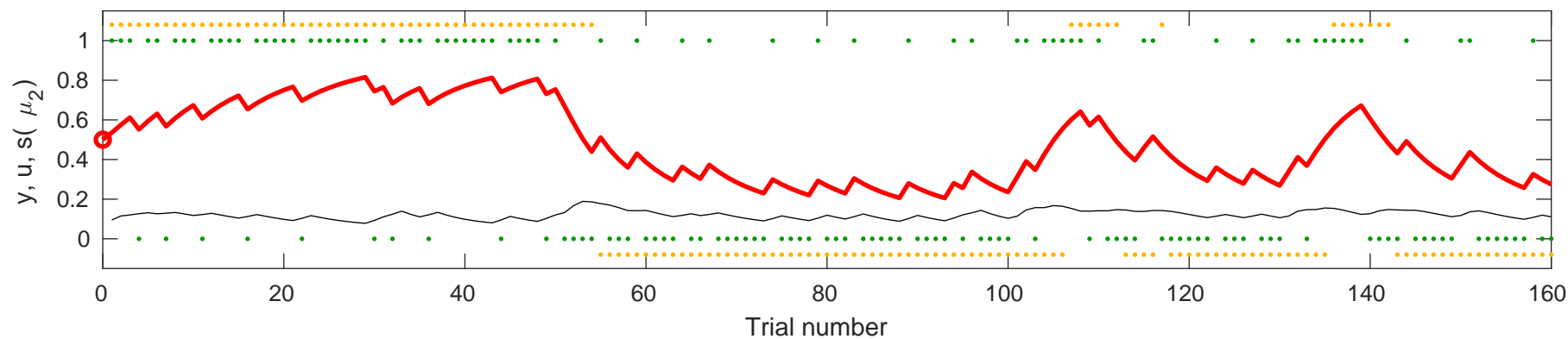


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.4921$



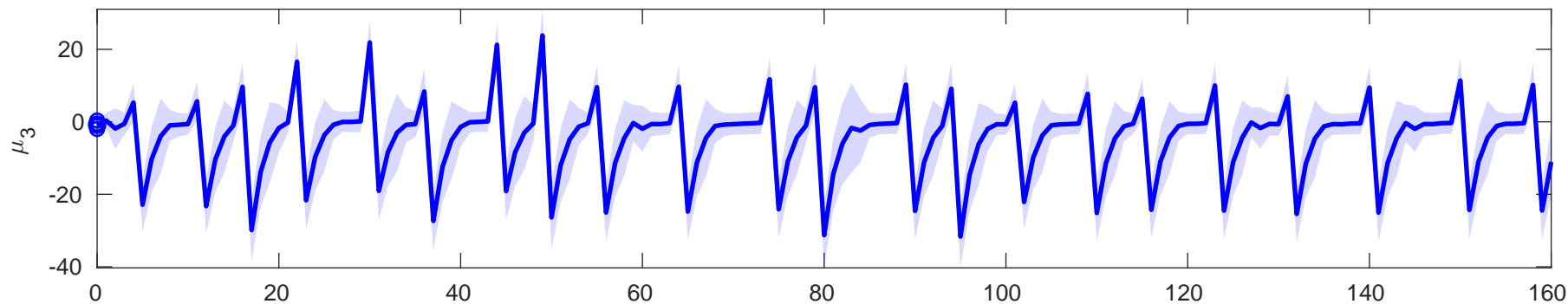


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.7077$



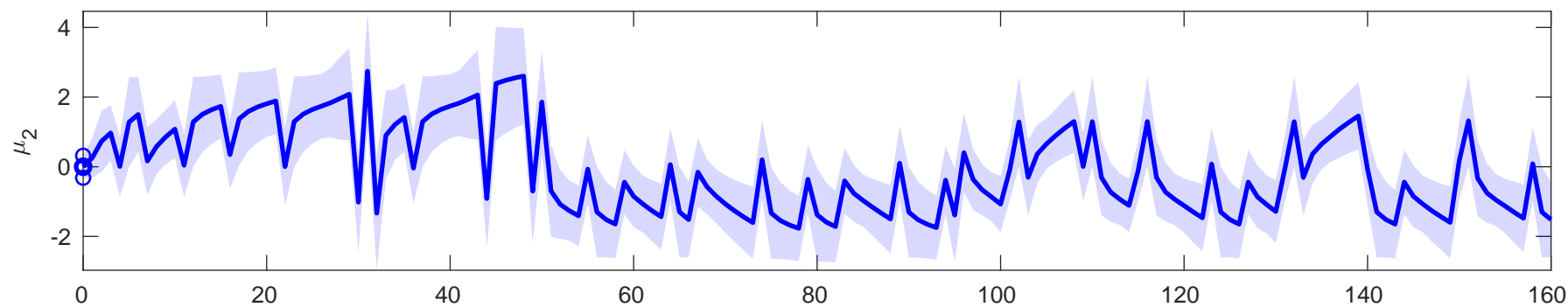
Posterior expectation of x

3

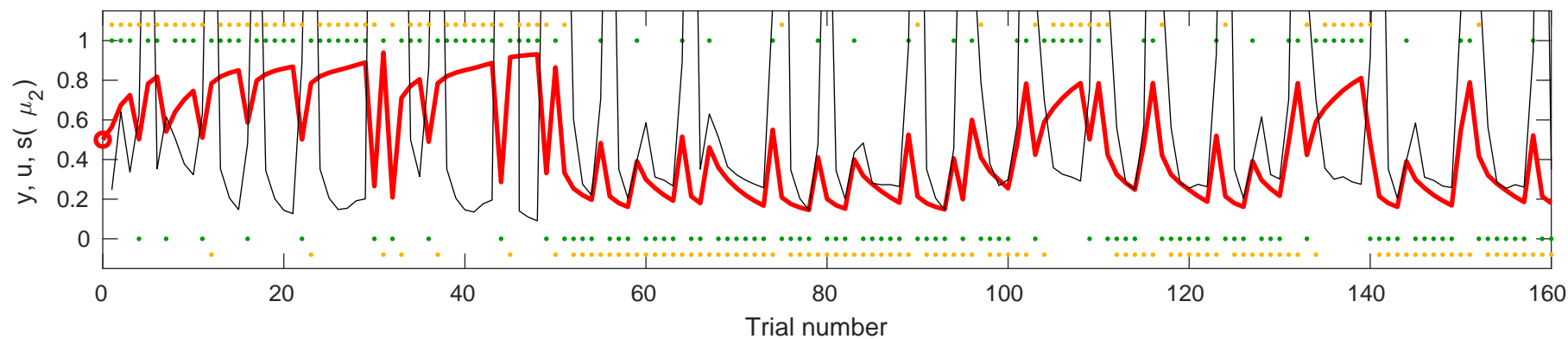


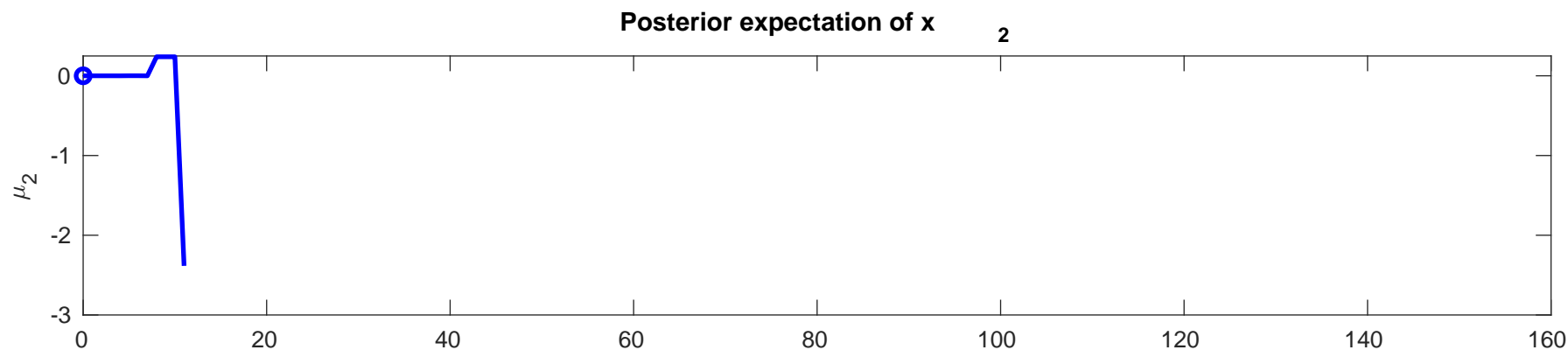
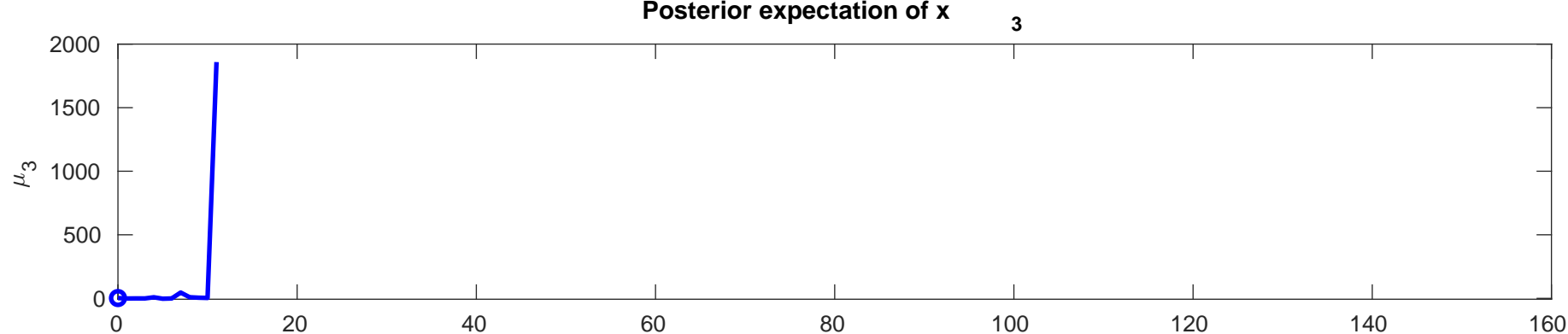
Posterior expectation of x

2

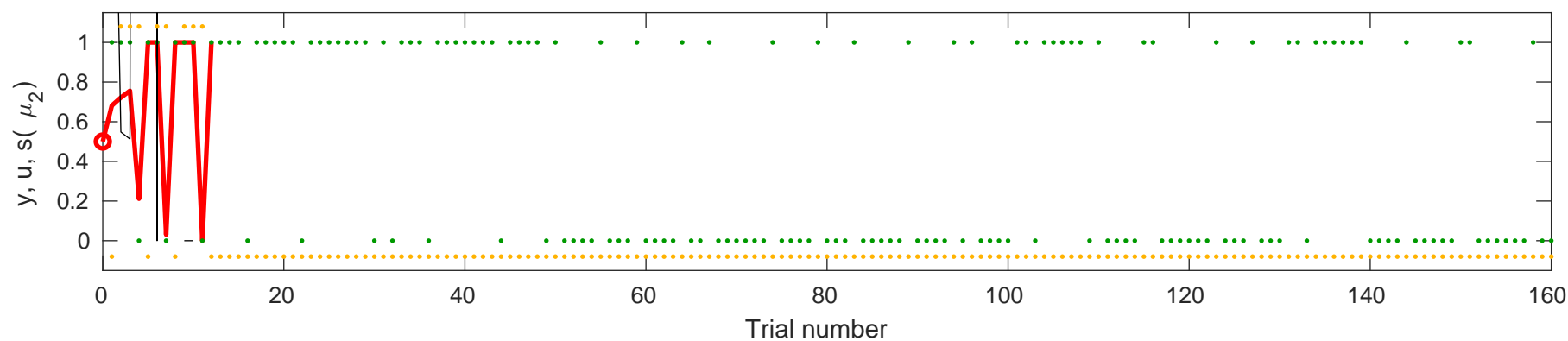


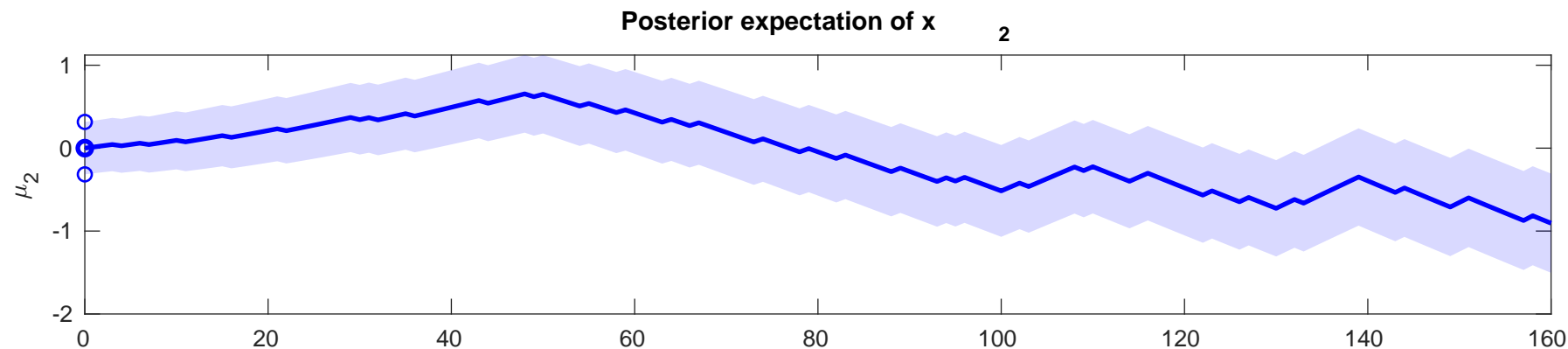
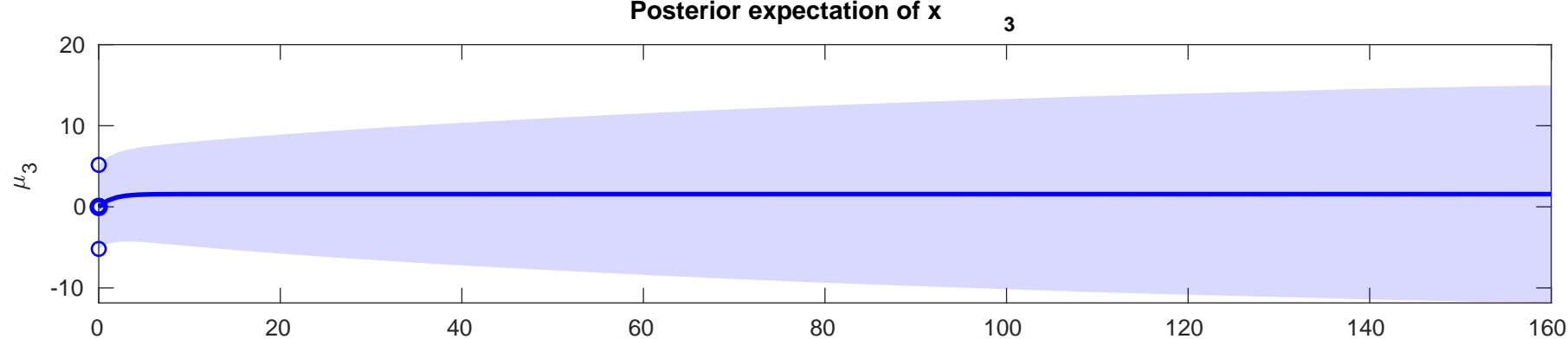
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-0.32434$



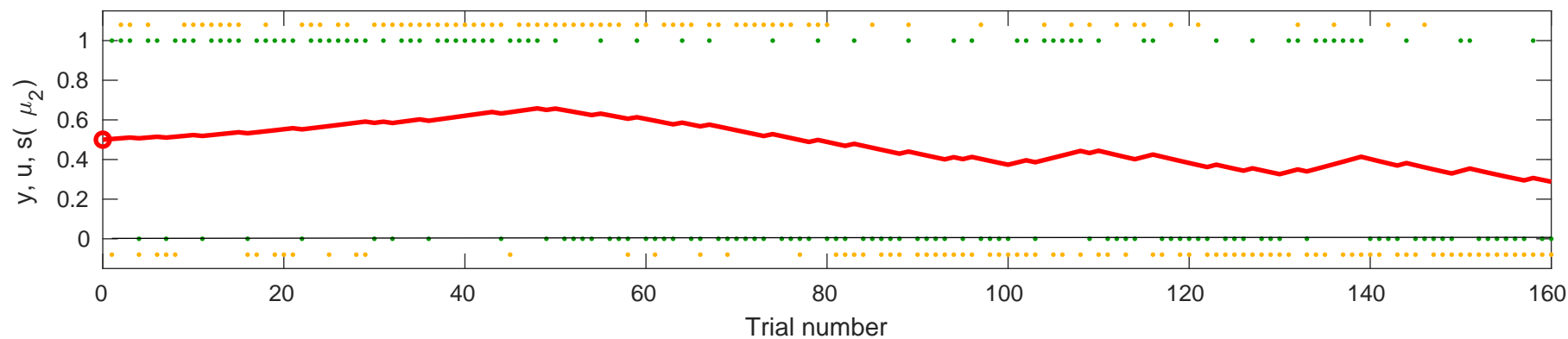


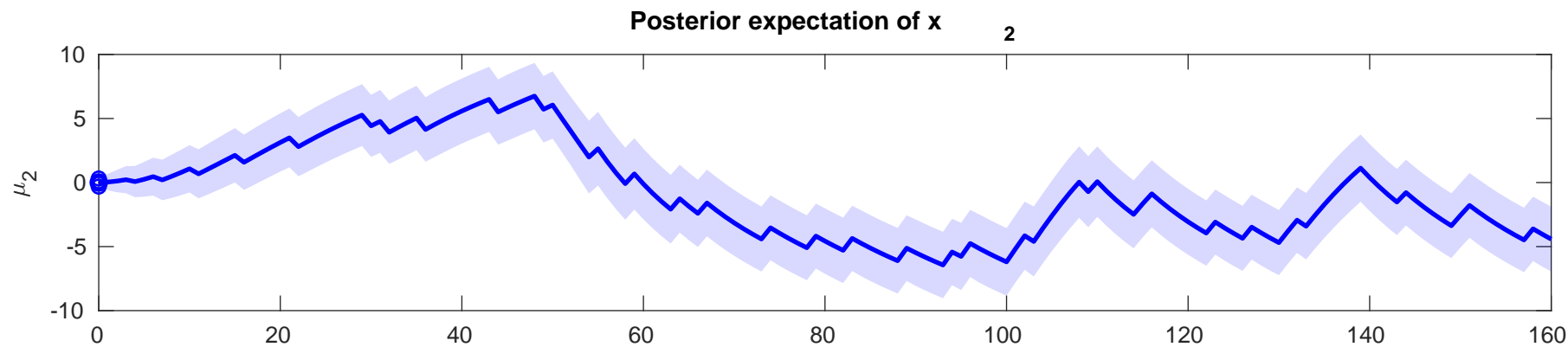
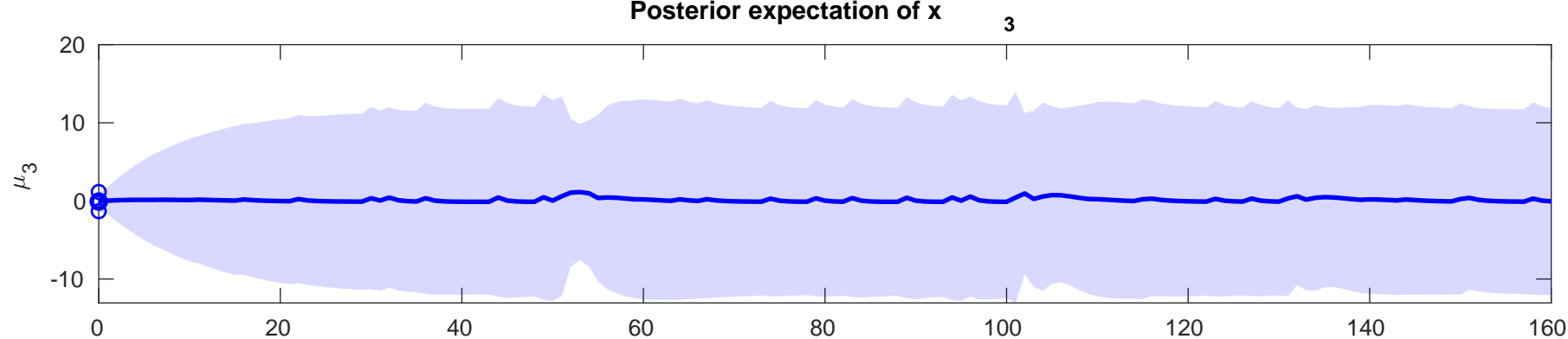
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=0.30077$



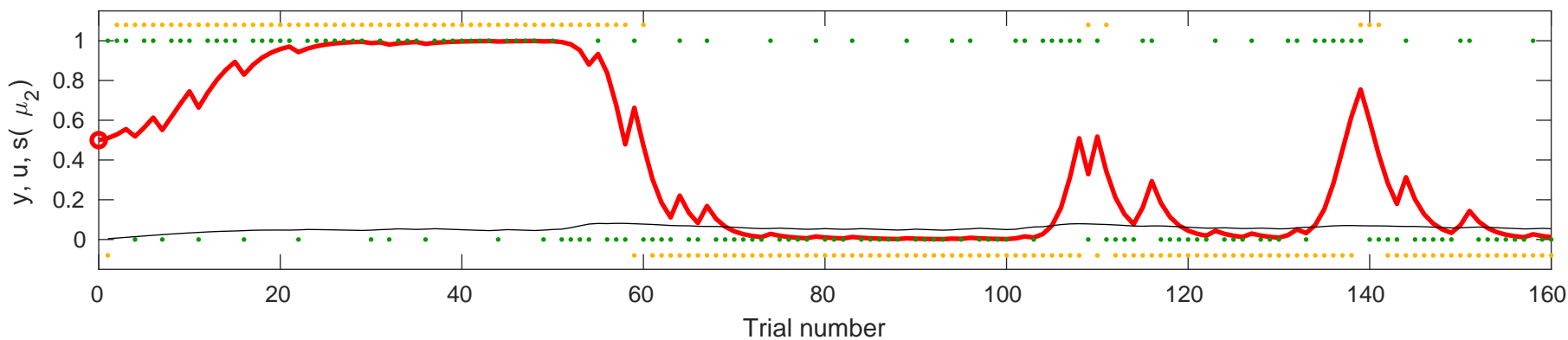


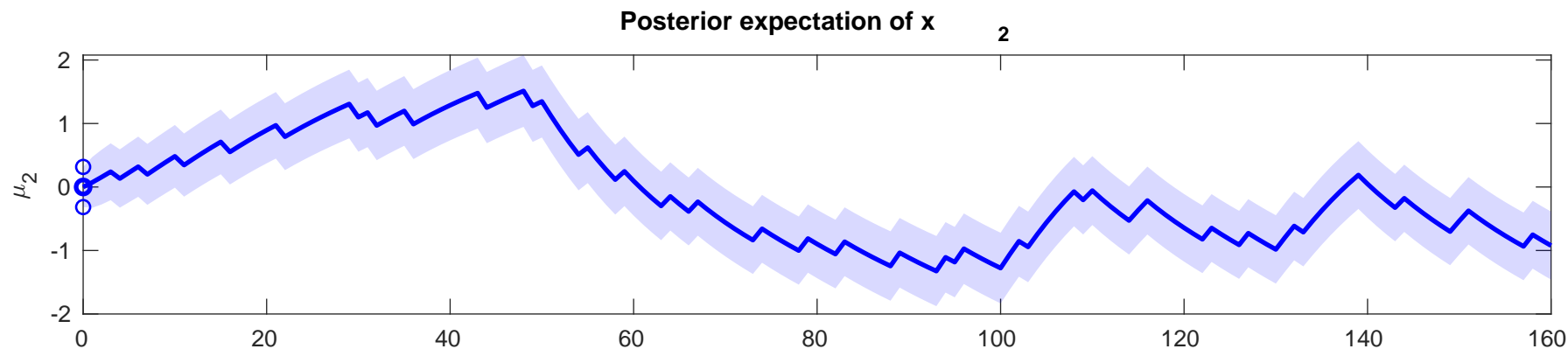
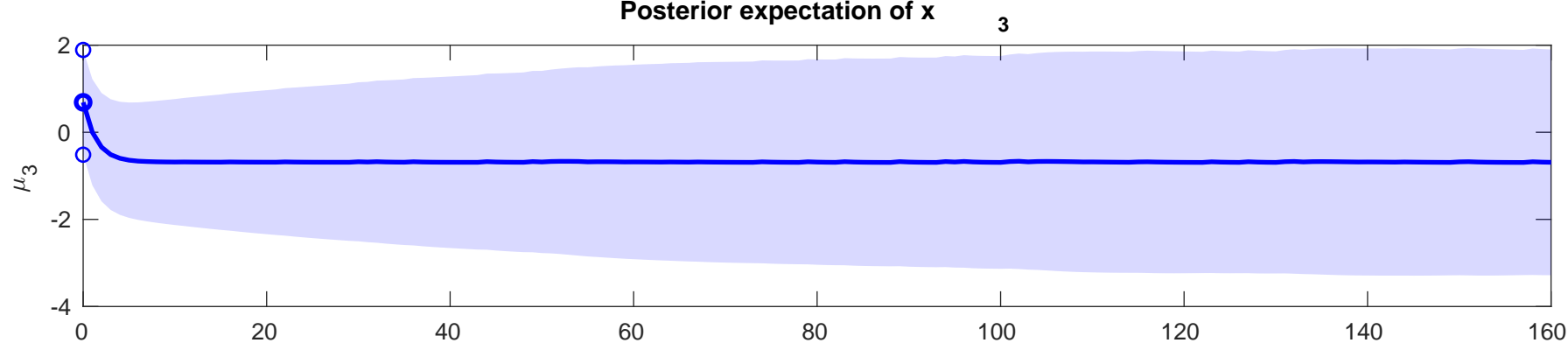
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-7.3261$



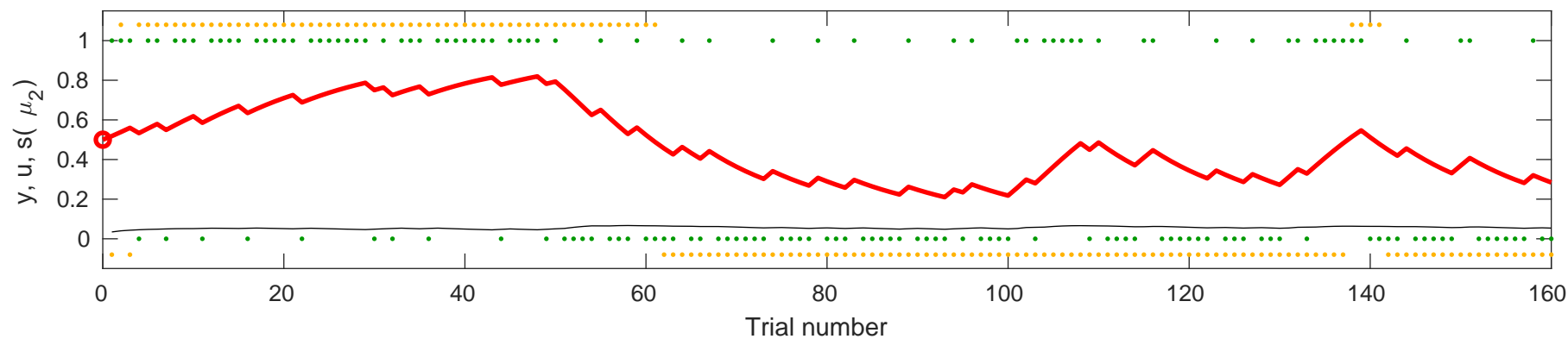


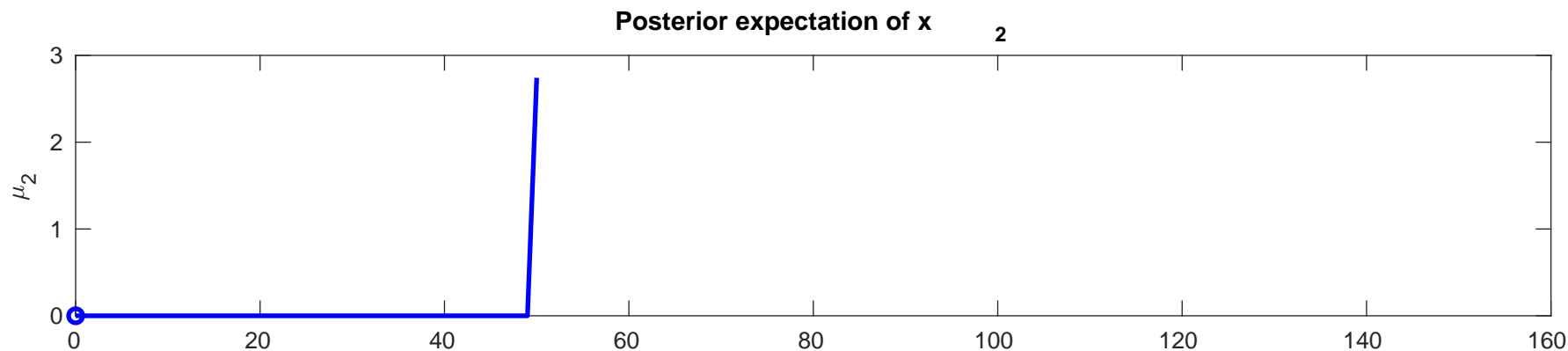
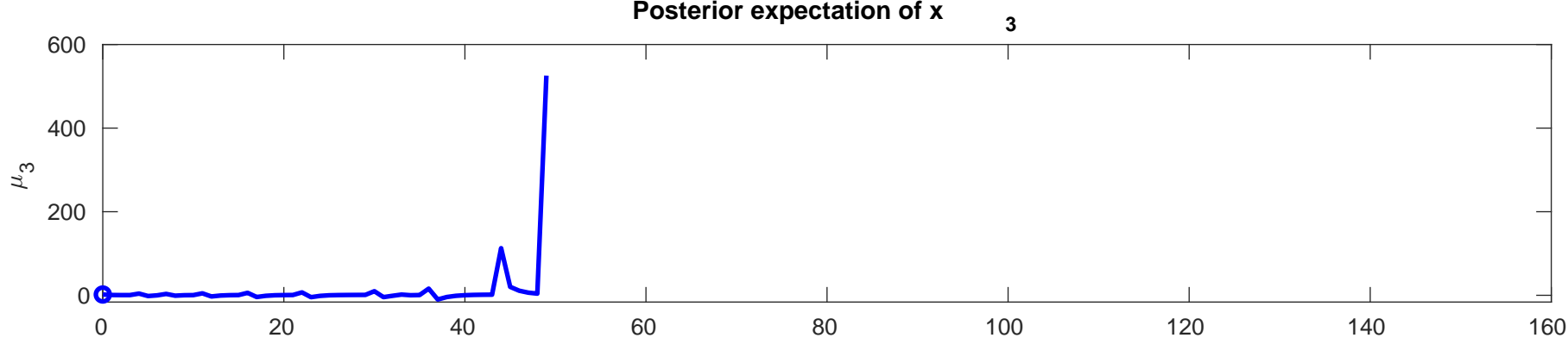
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.0687$



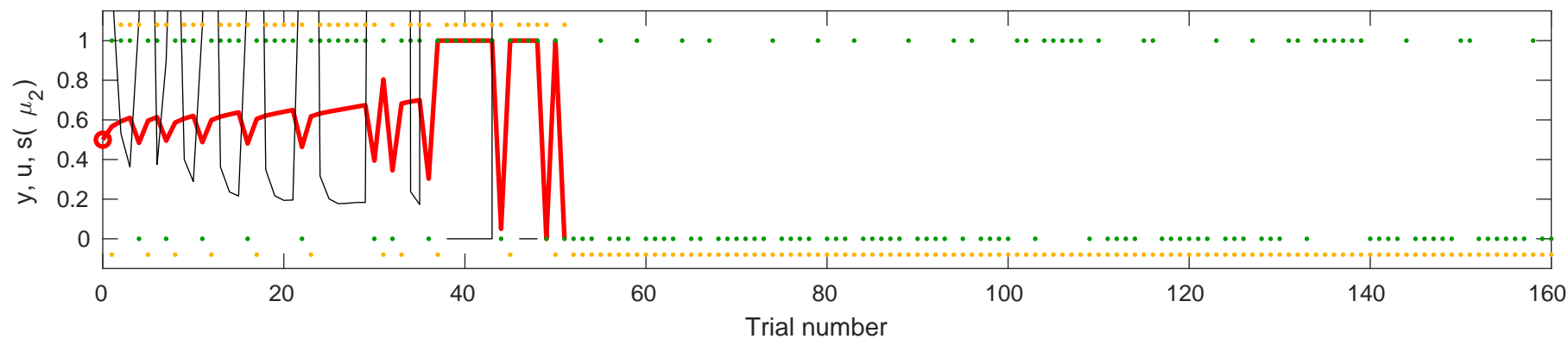


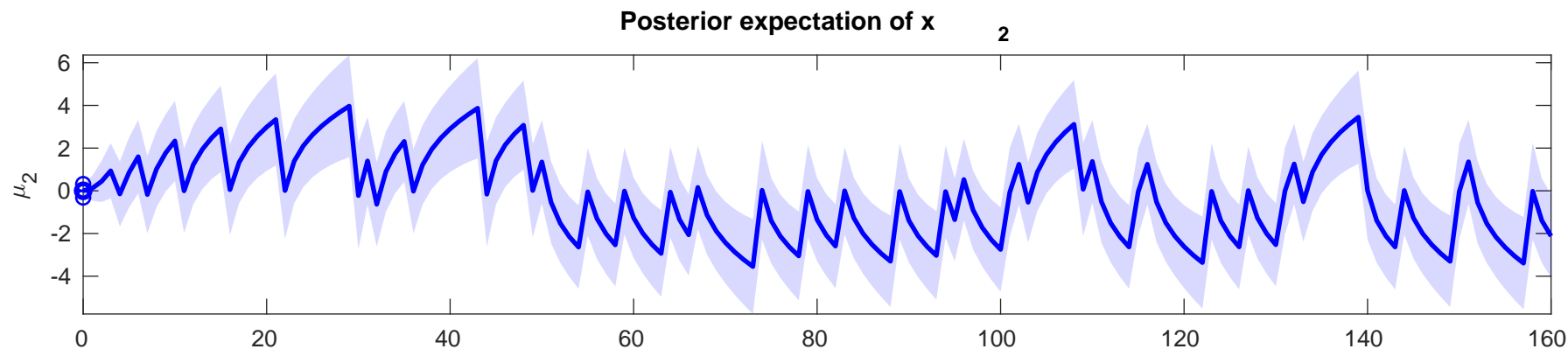
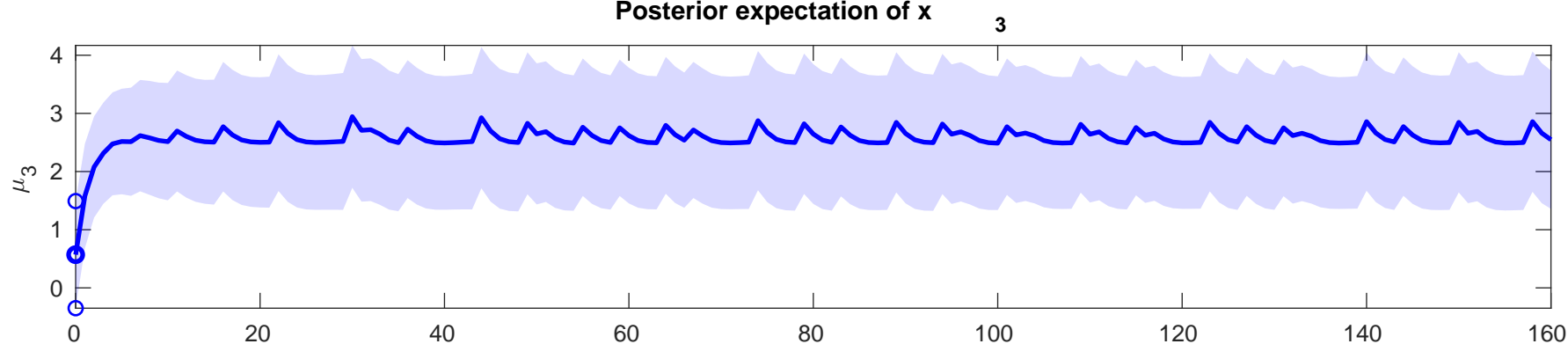
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-3.41$



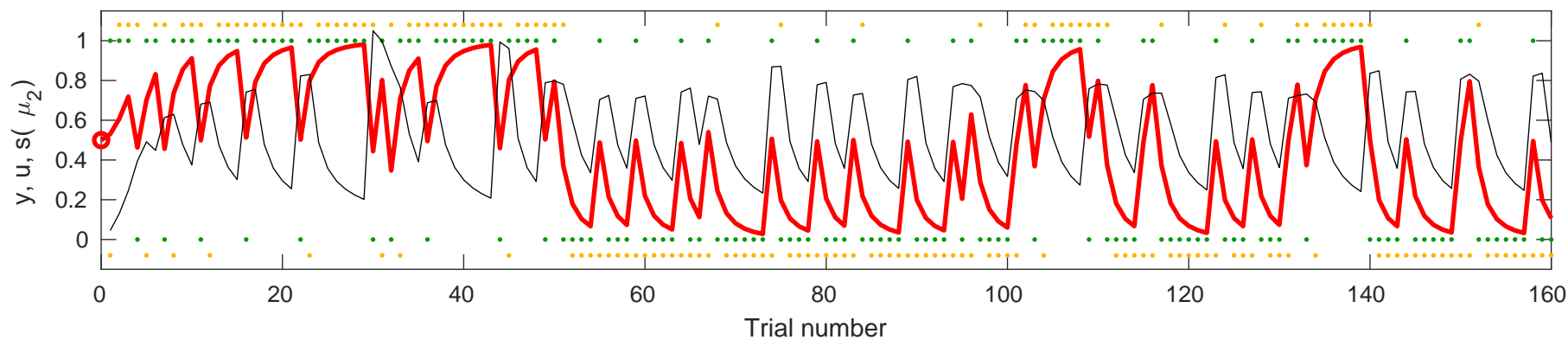


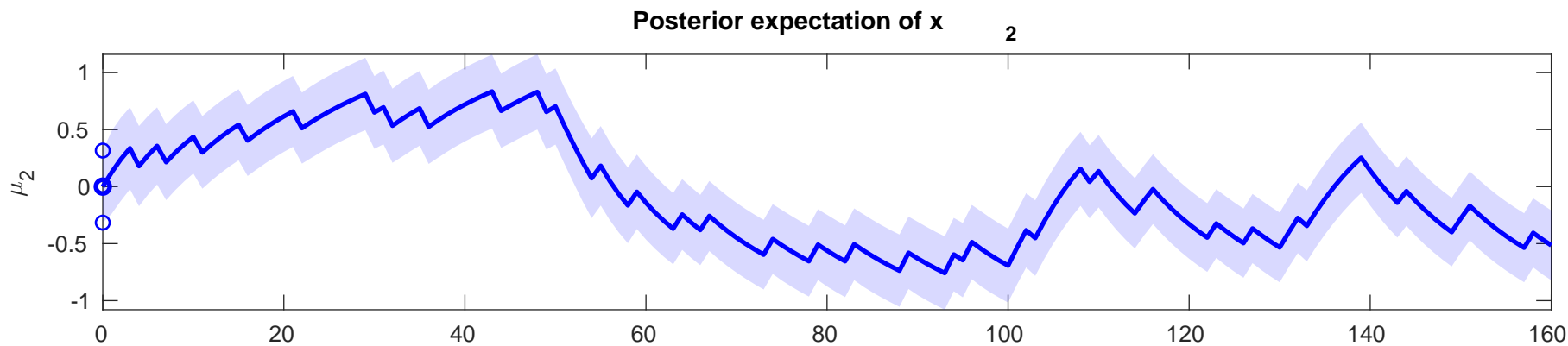
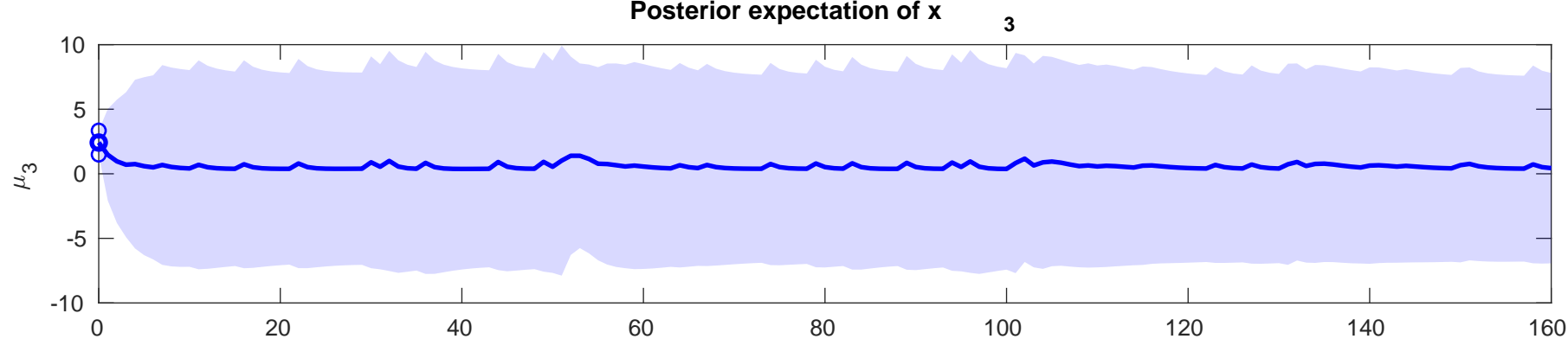
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.4581$



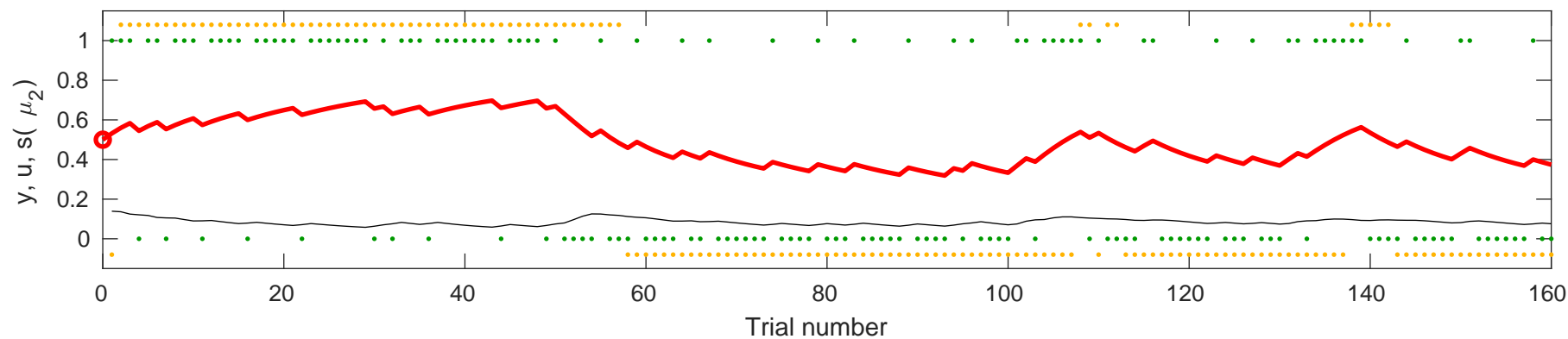


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.9239$



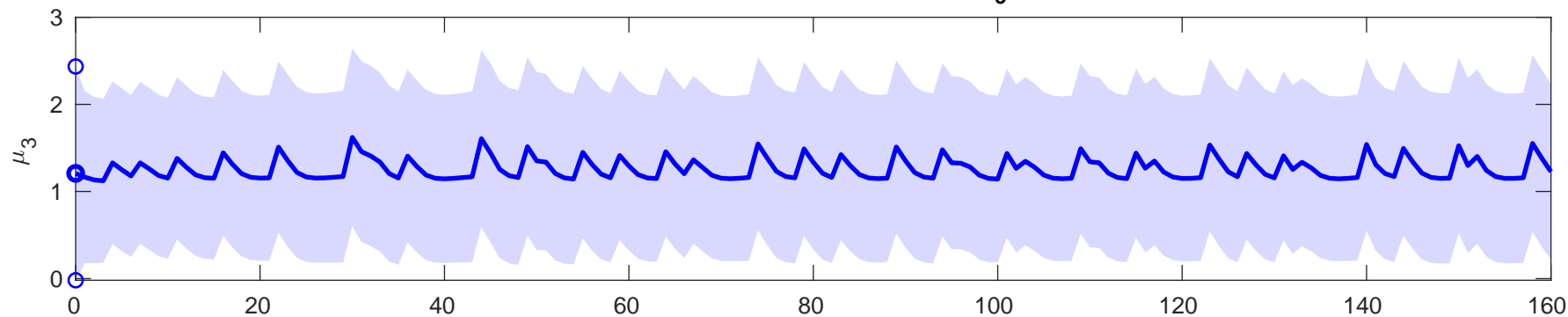


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.3952$

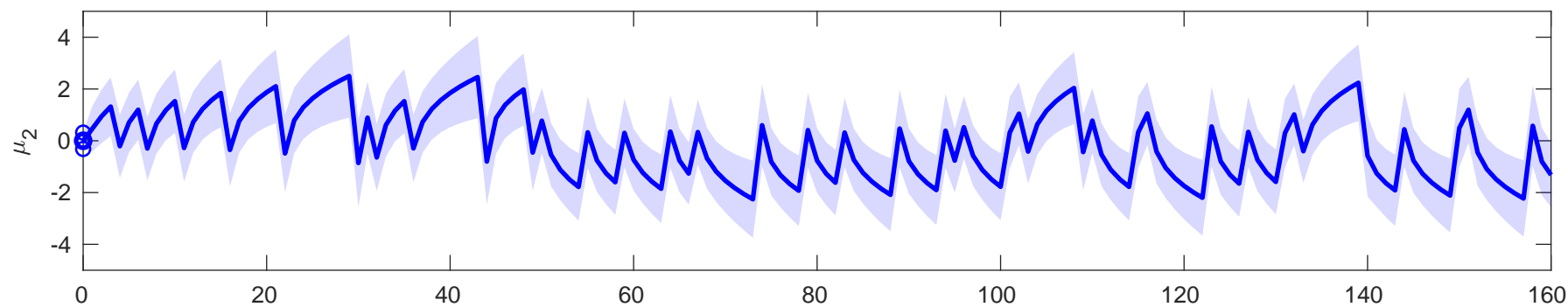


Posterior expectation of x

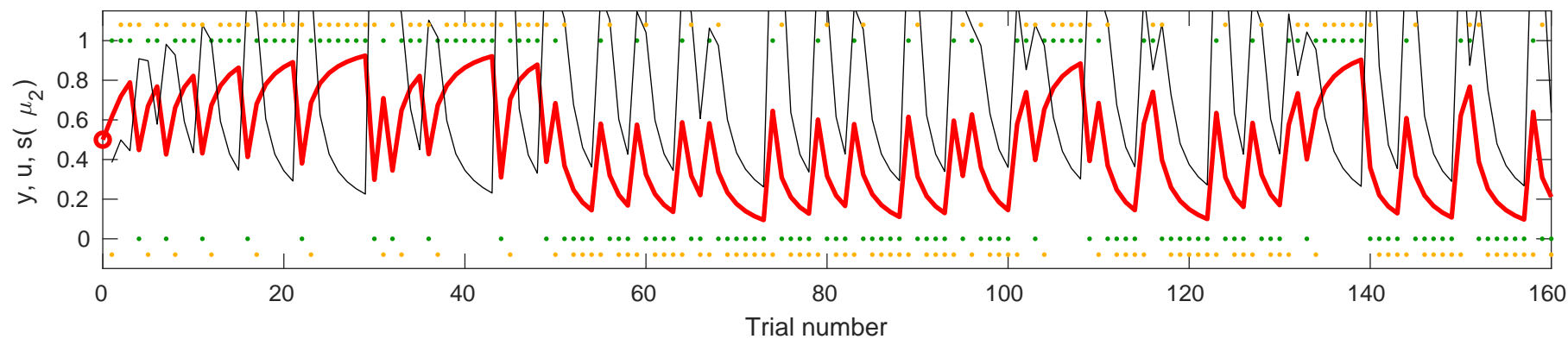
3

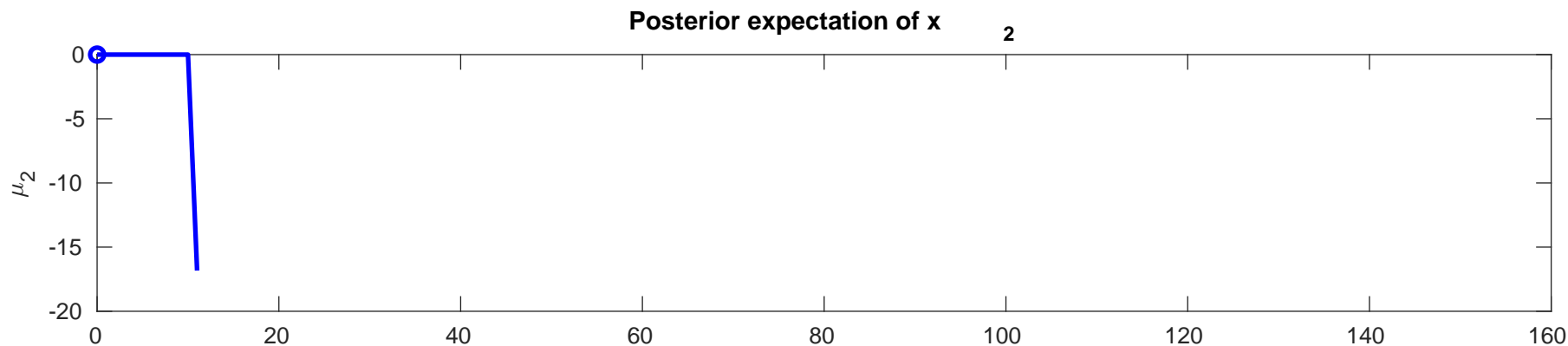
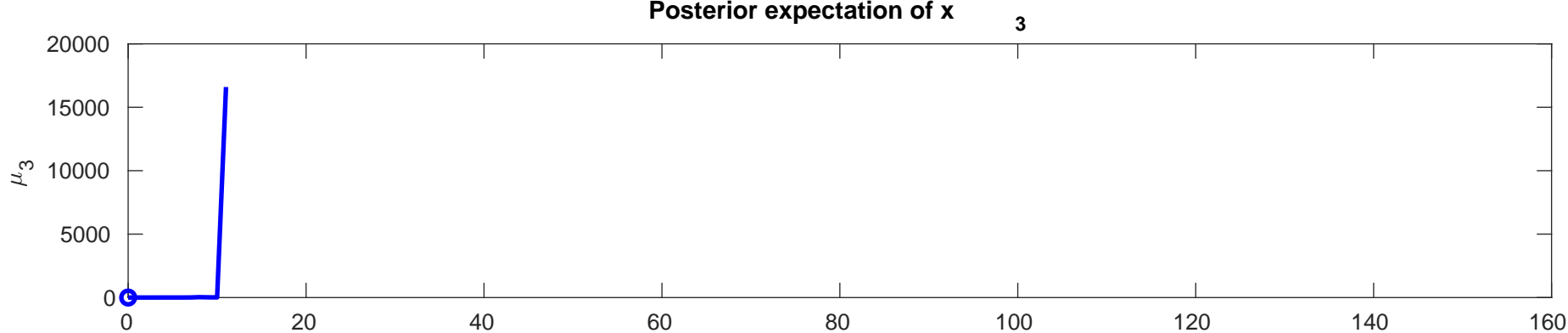
Posterior expectation of x

2

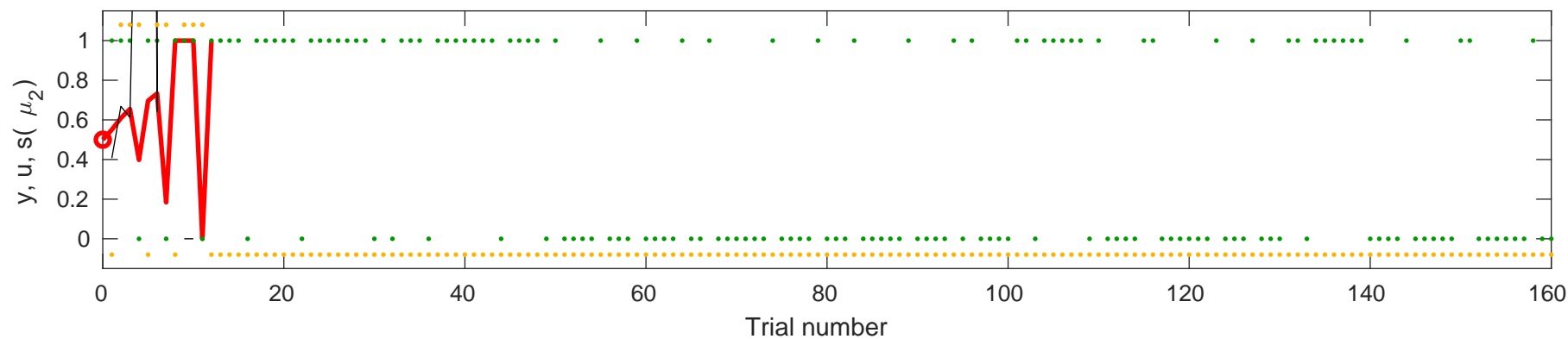


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.2333$



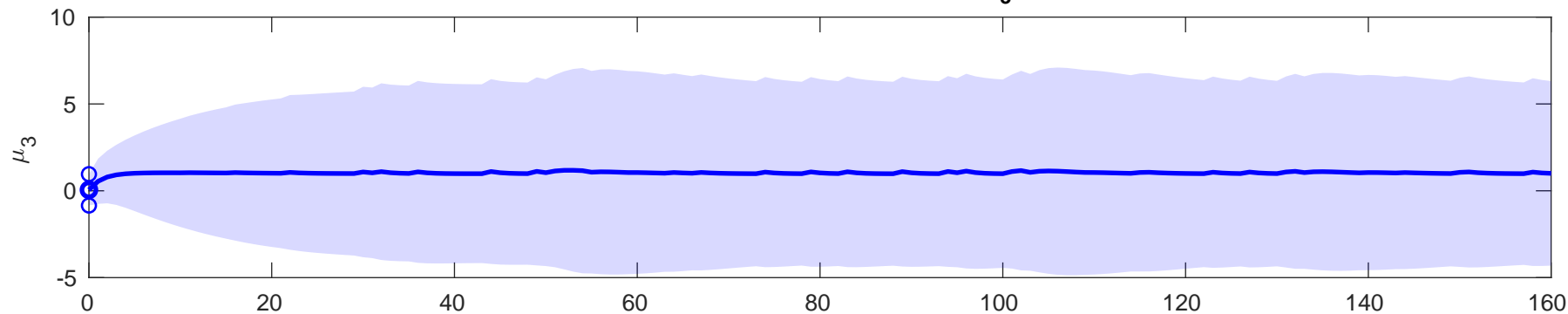


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-2.1554$

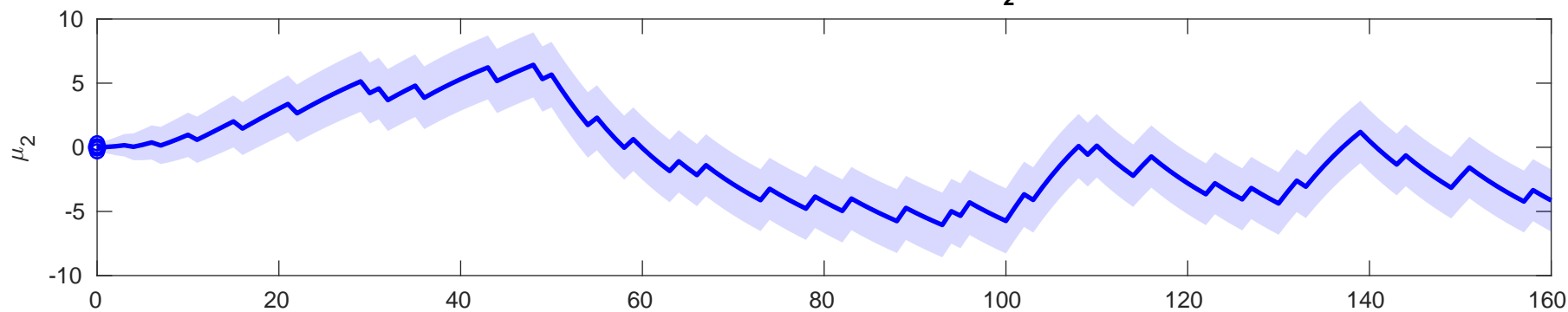


Posterior expectation of x

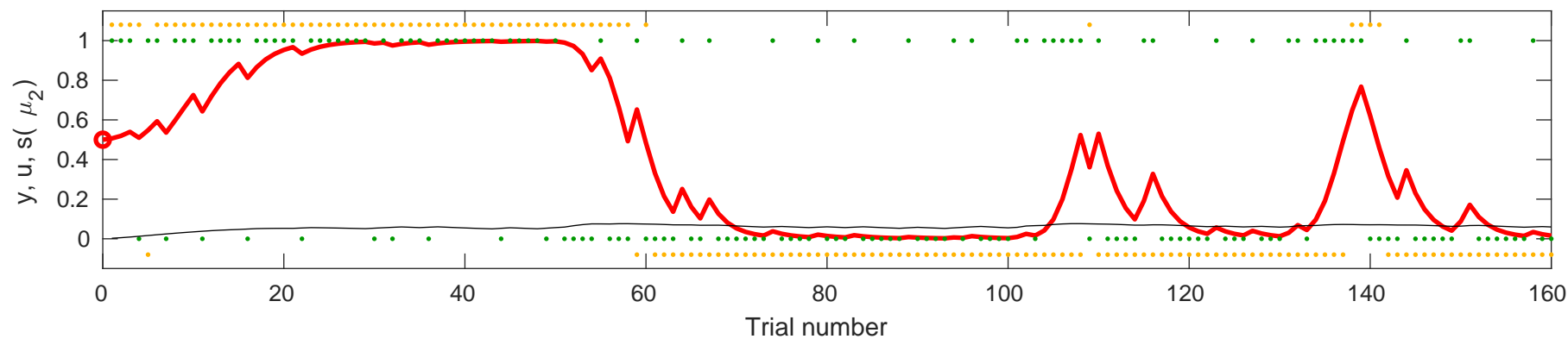
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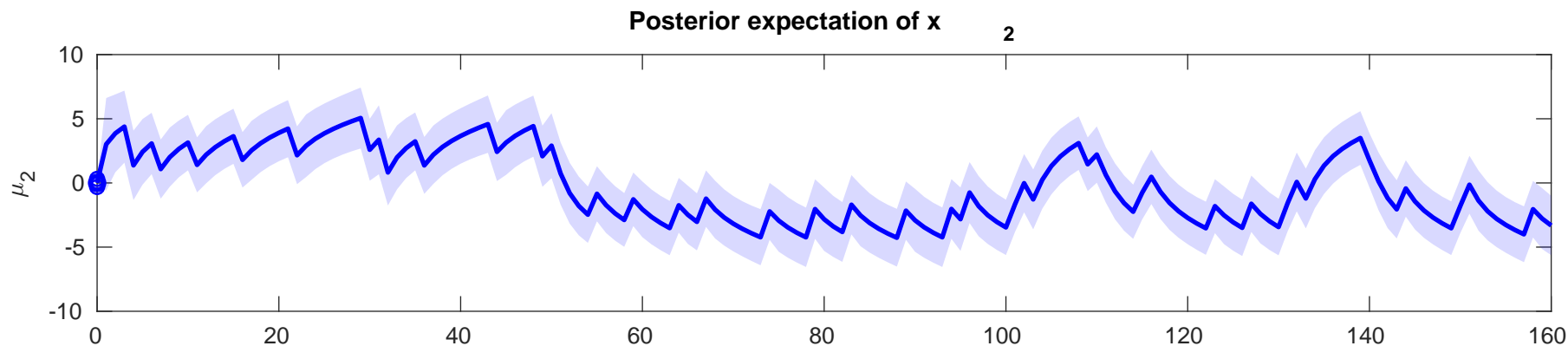
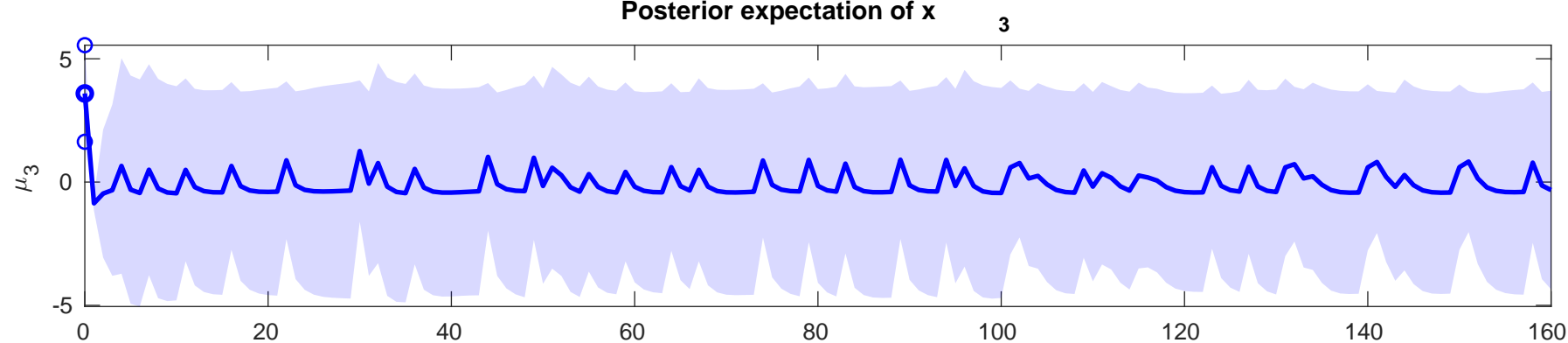
Posterior expectation of x

2

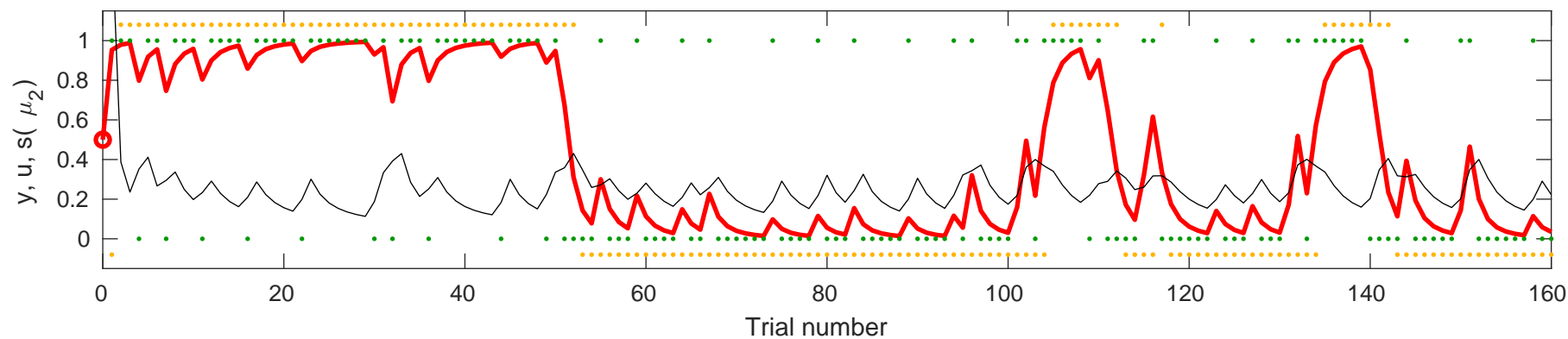


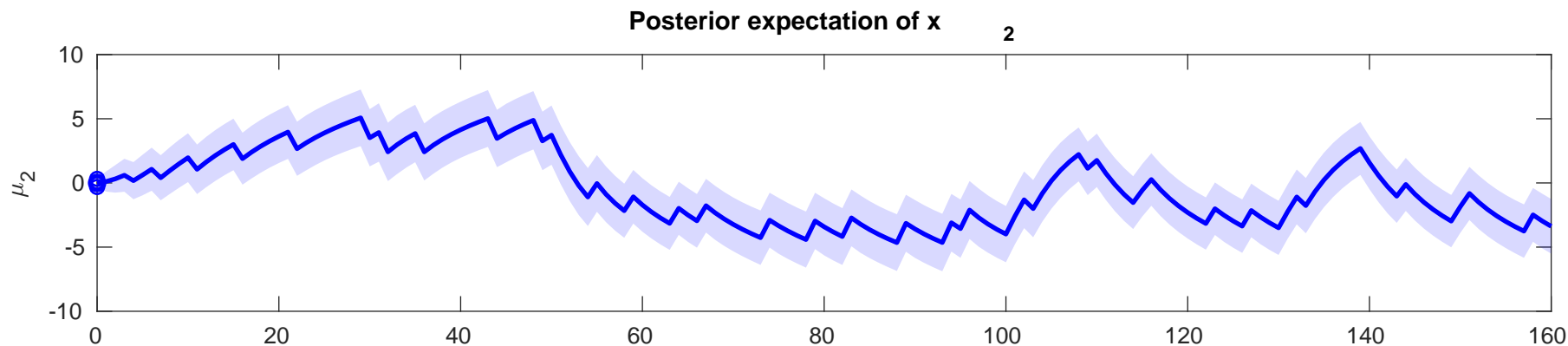
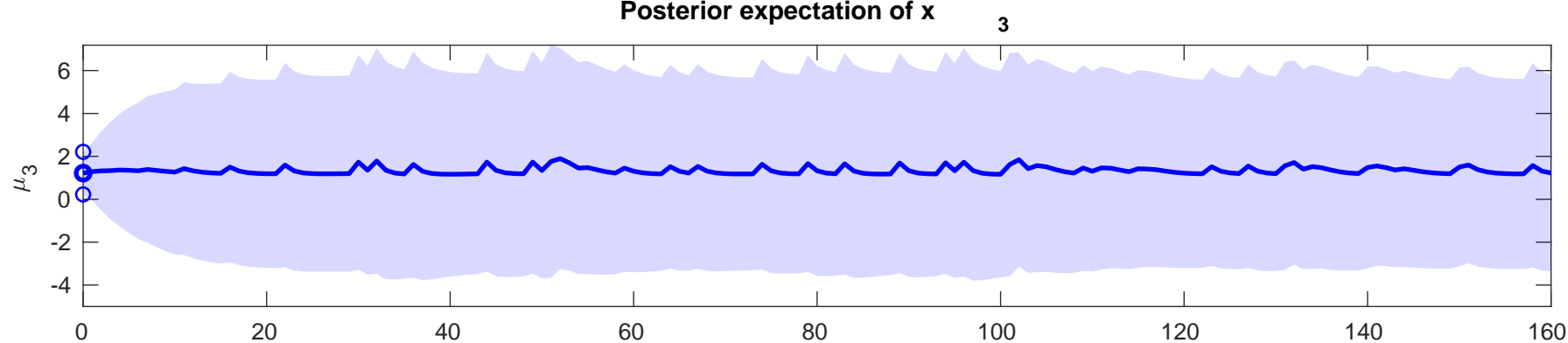
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.9926$



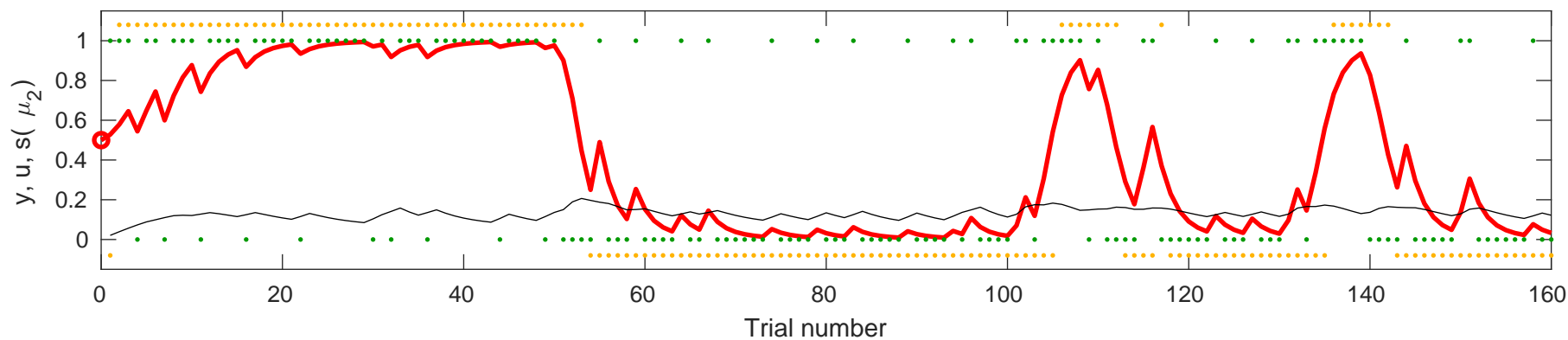


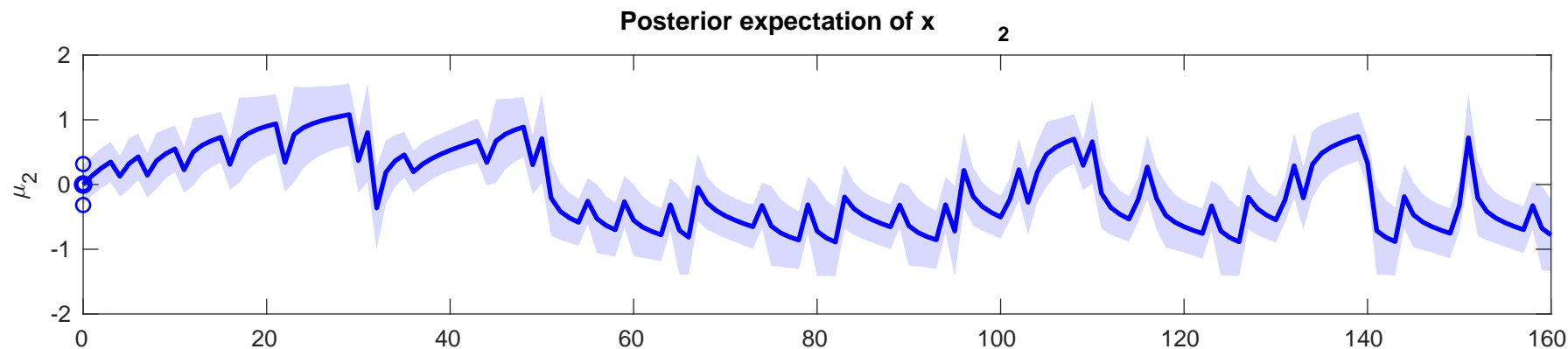
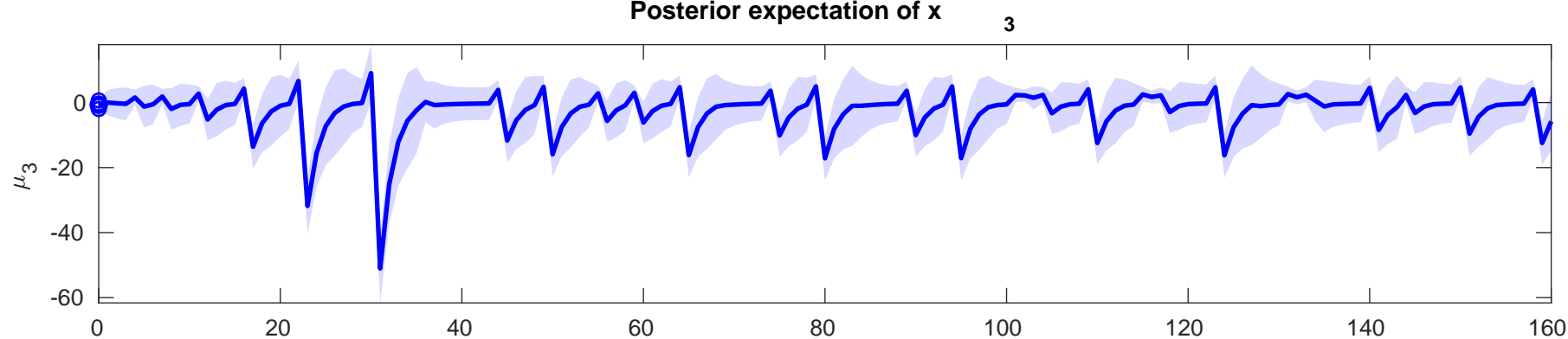
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=0.17077$



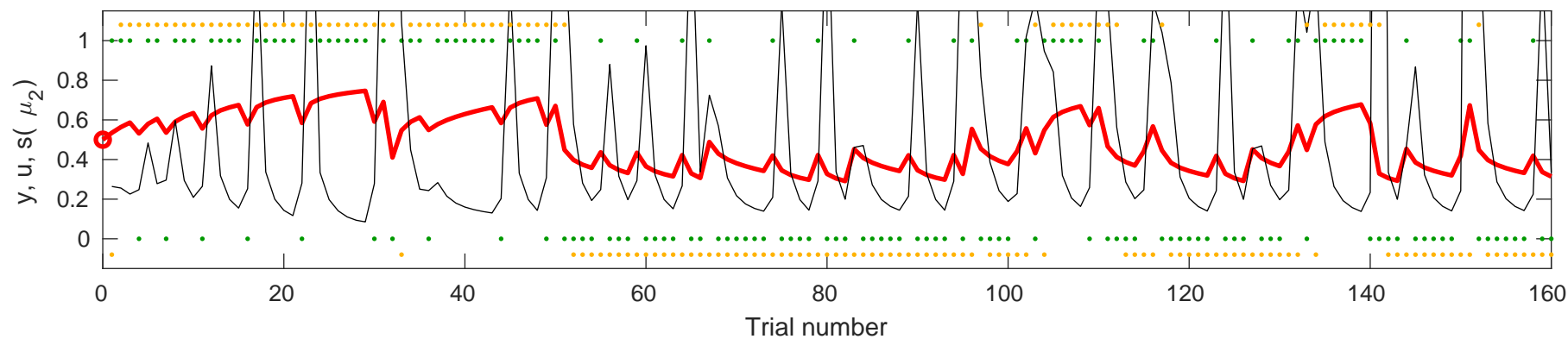


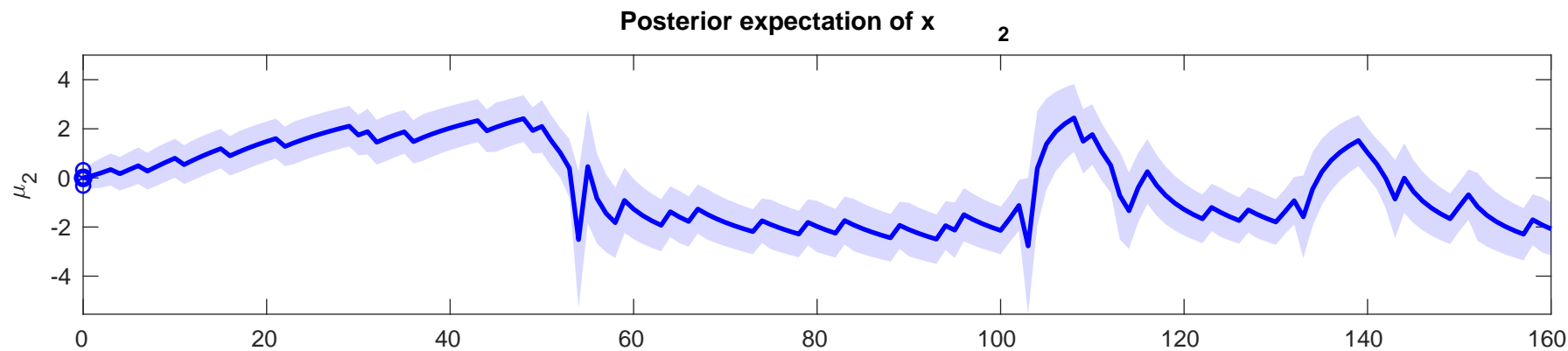
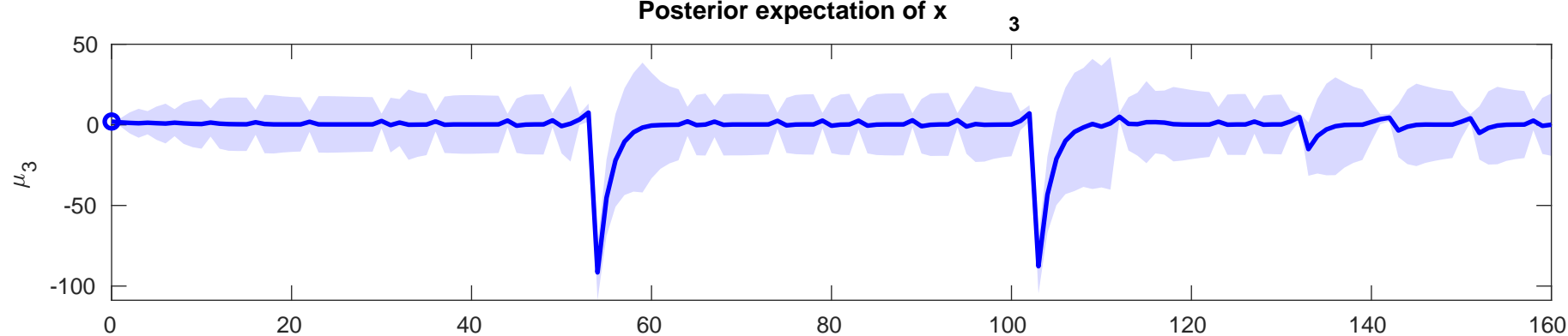
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.8434$



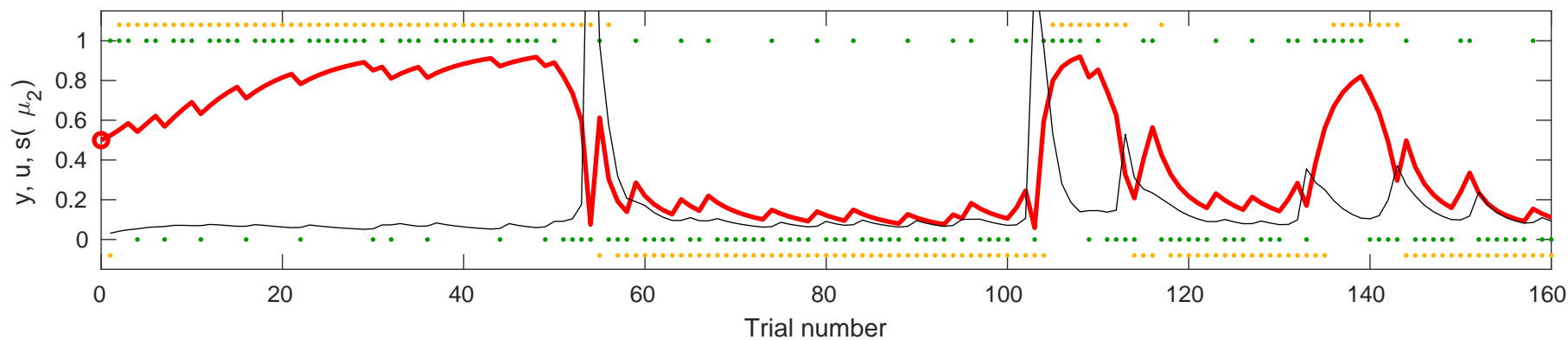


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.4732$



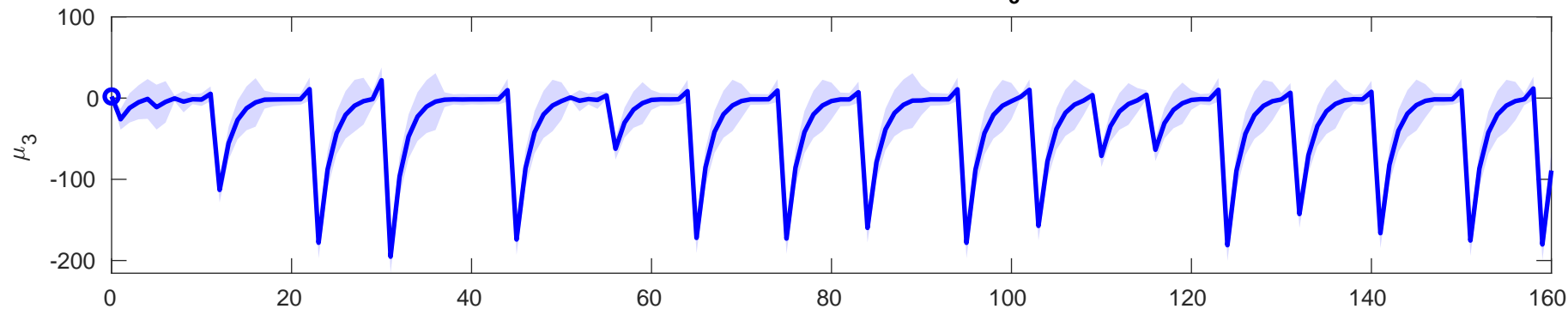


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.7552$



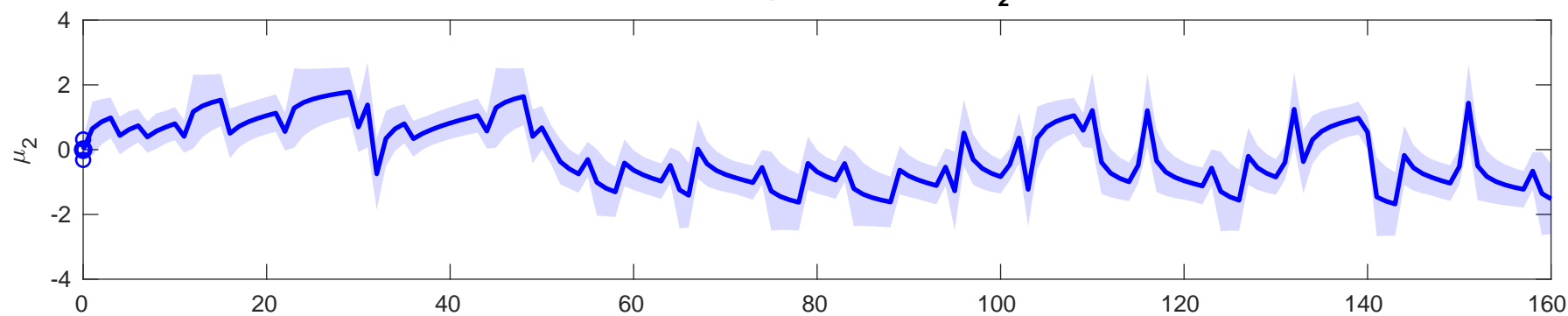
Posterior expectation of x

3



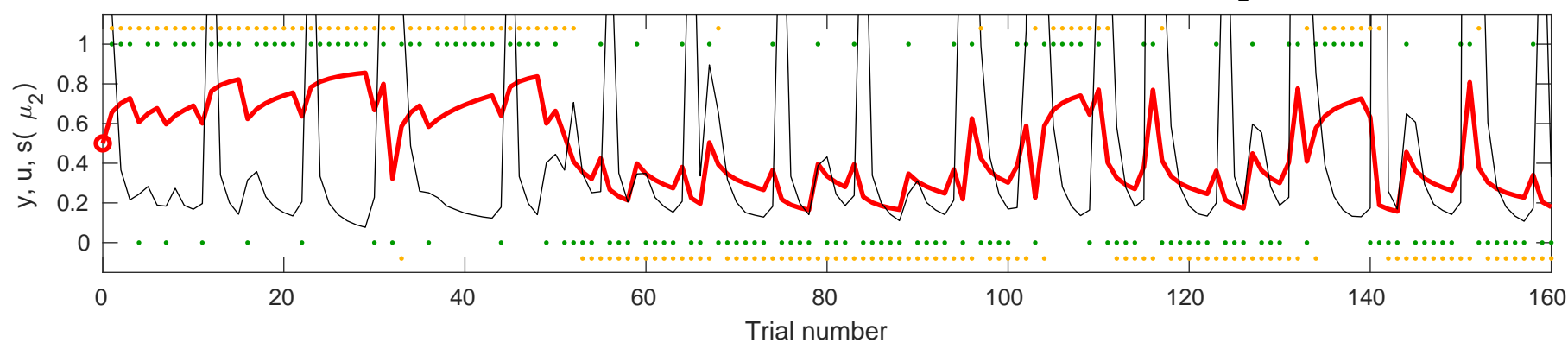
Posterior expectation of x

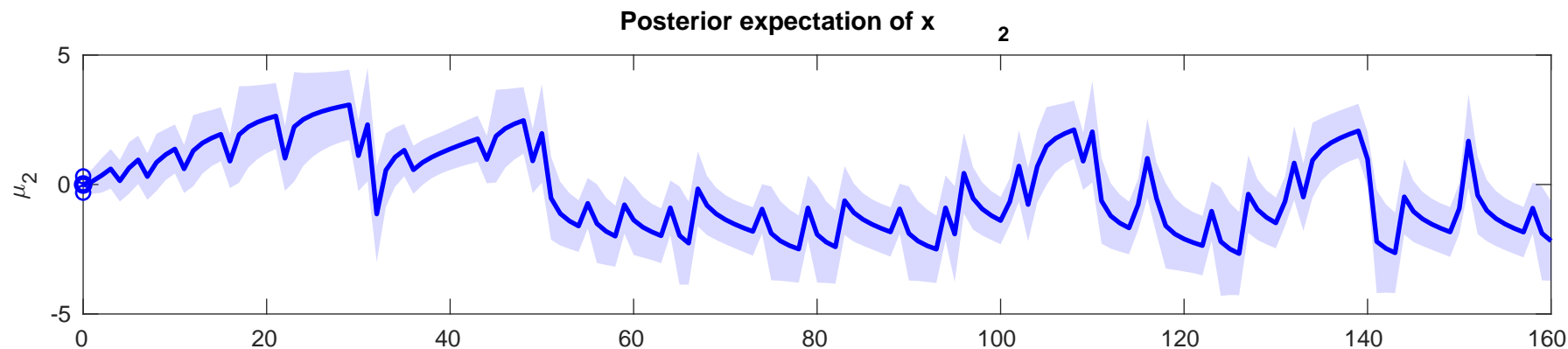
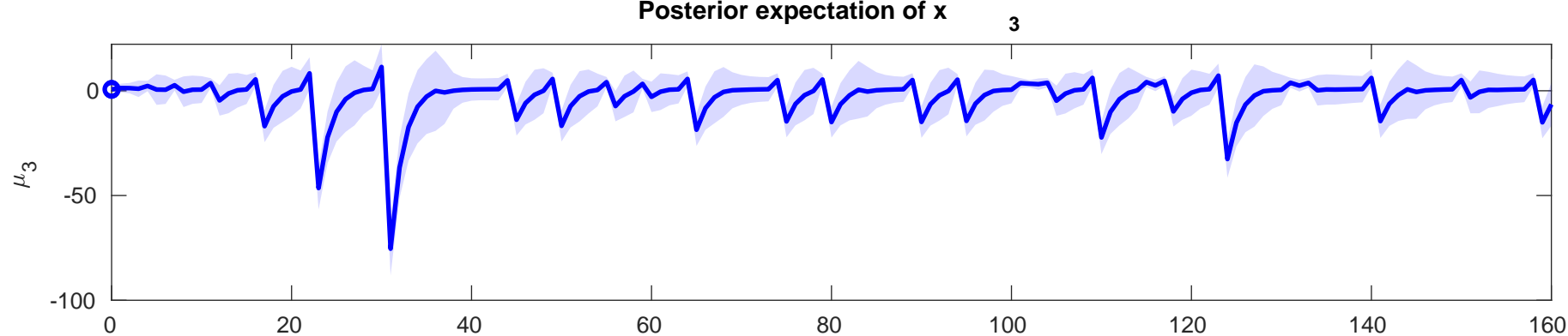
2



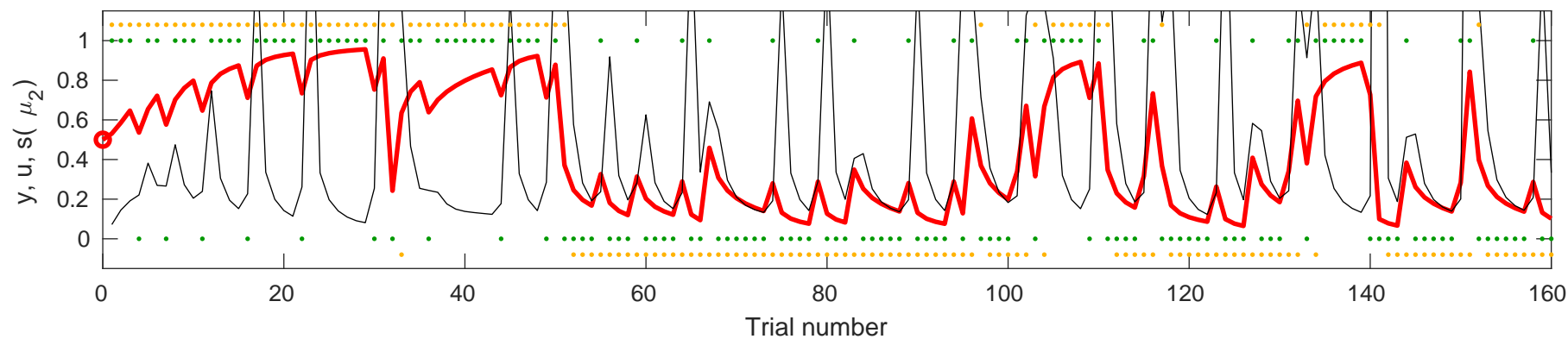
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (

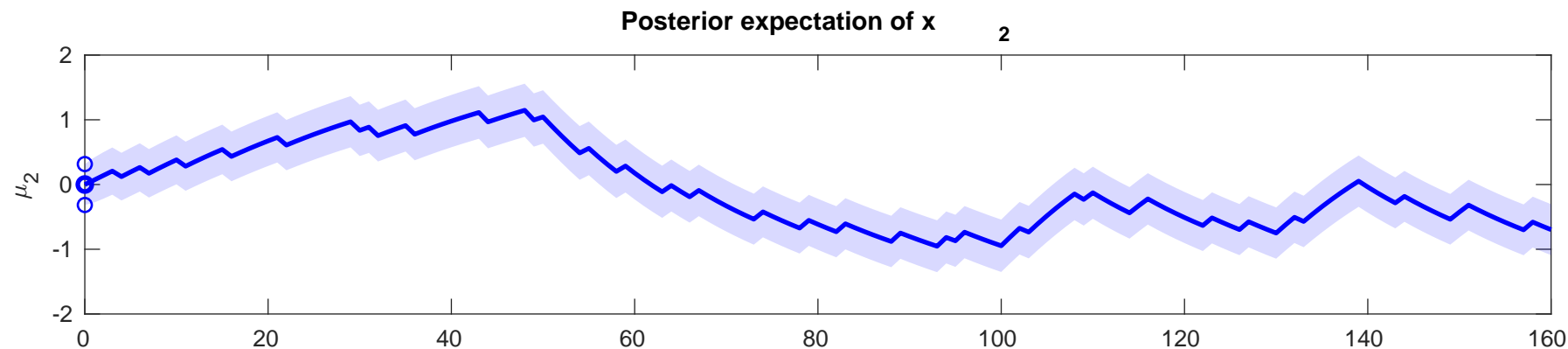
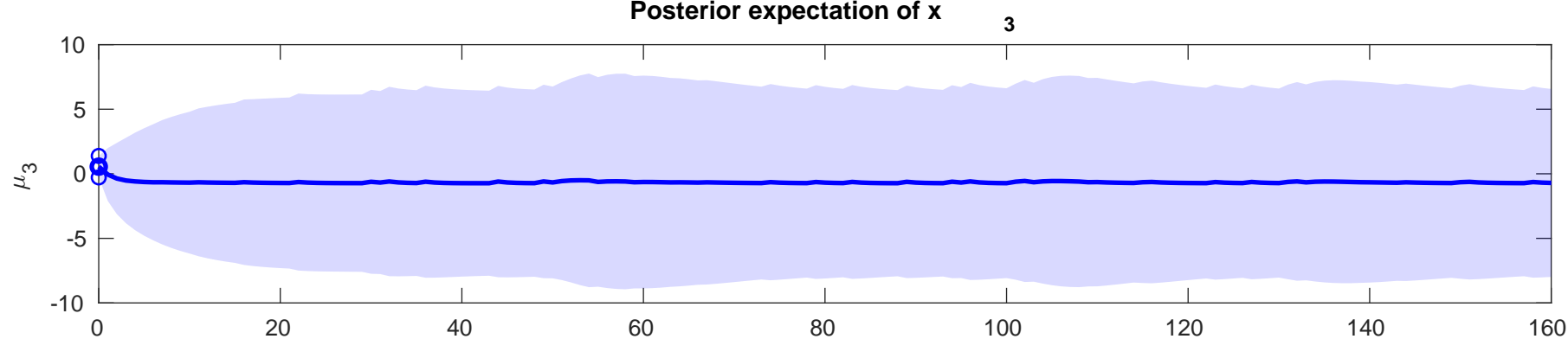
μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-1.4764$



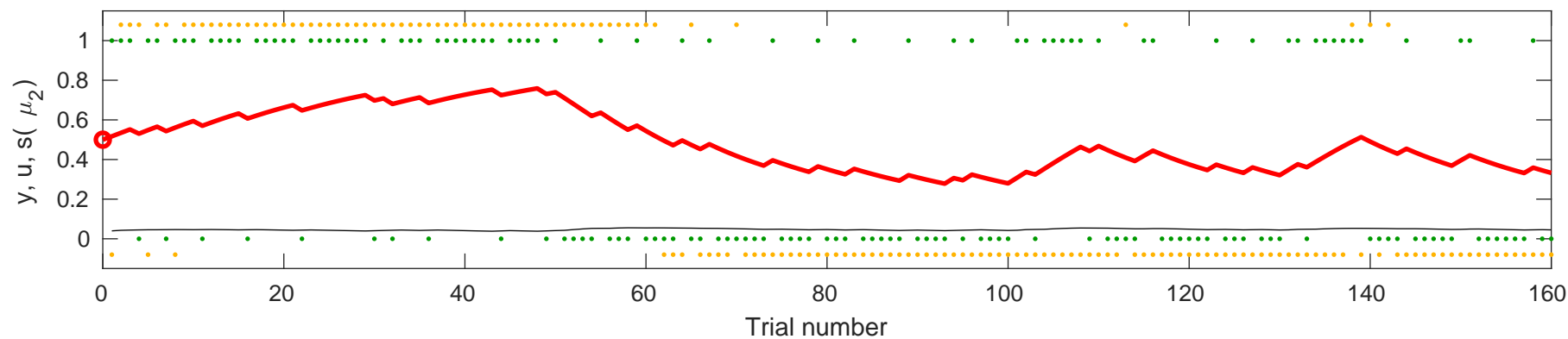


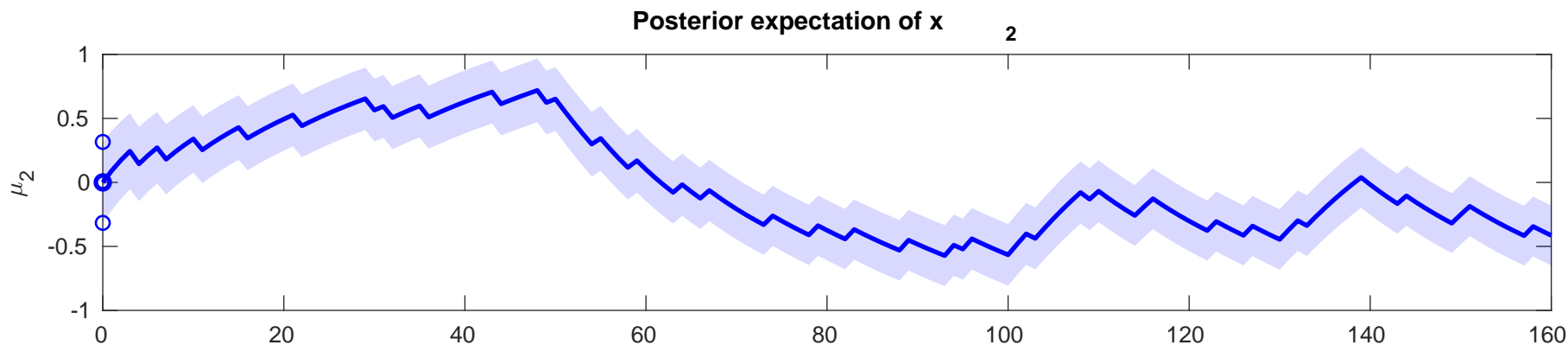
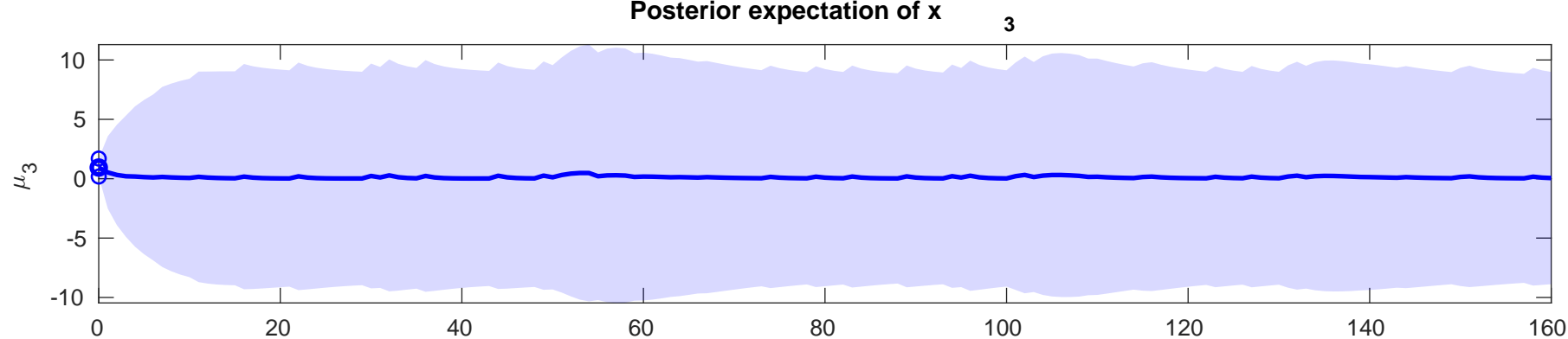
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.5978$



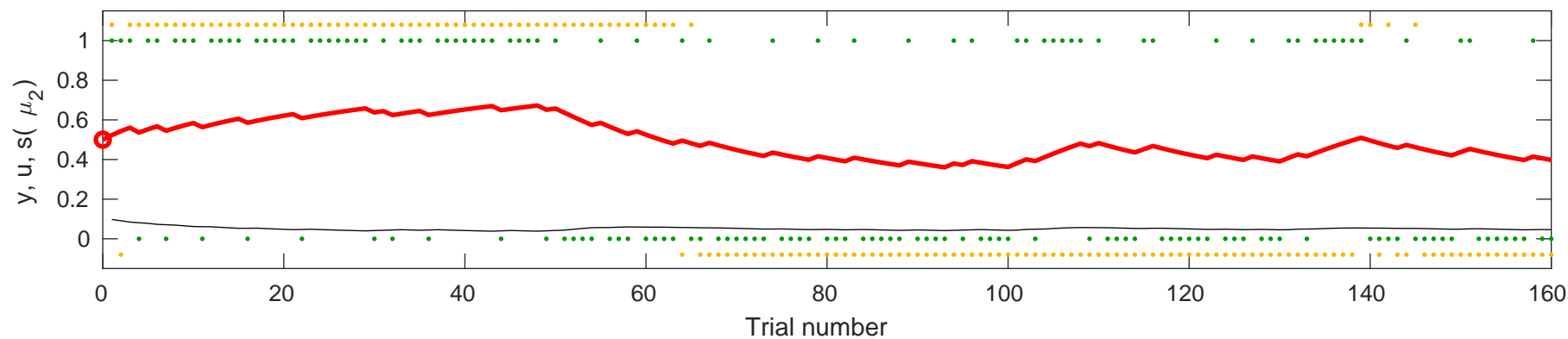


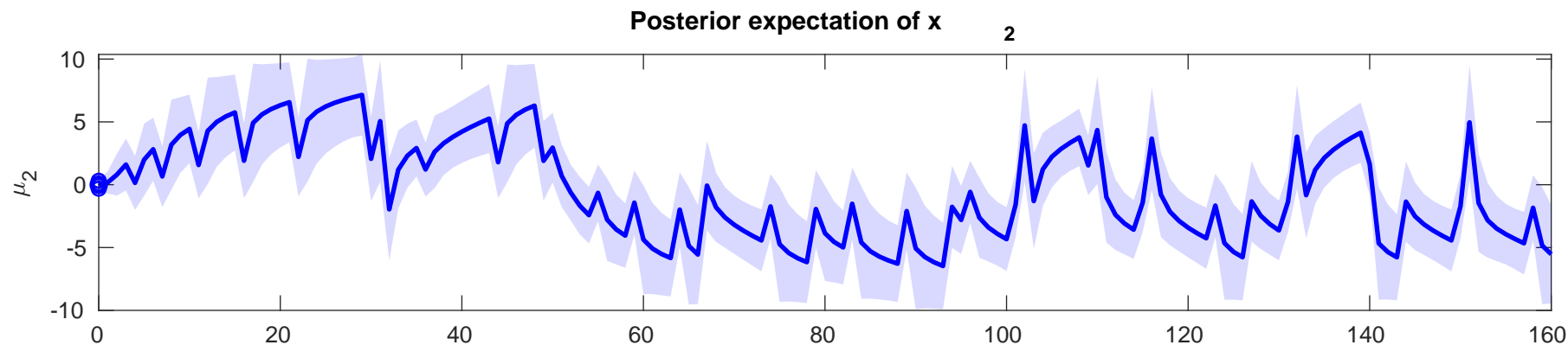
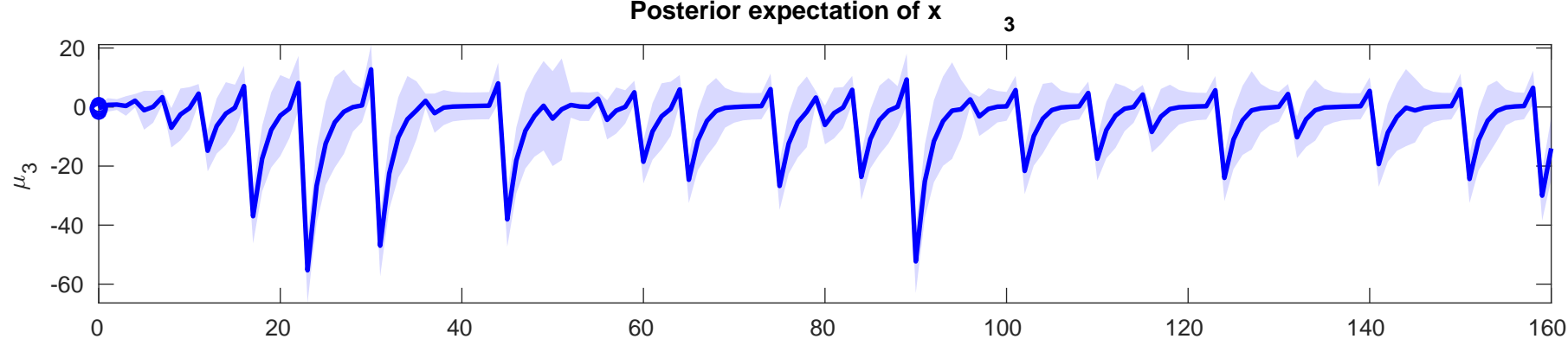
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.2192$



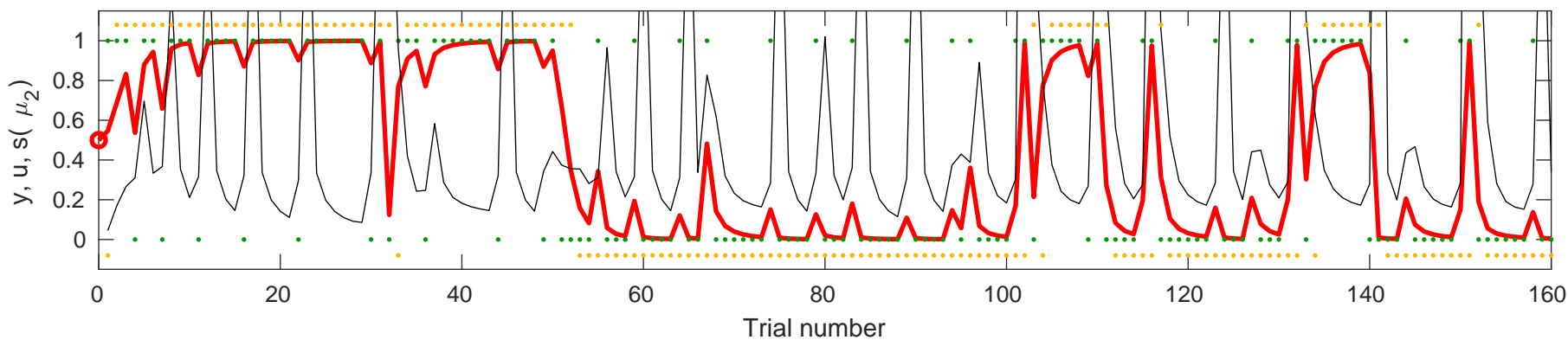


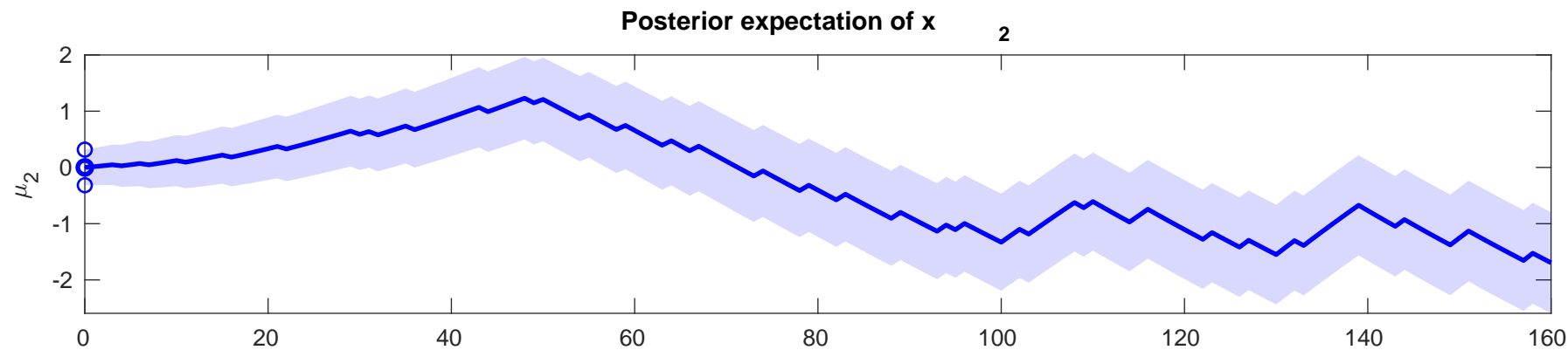
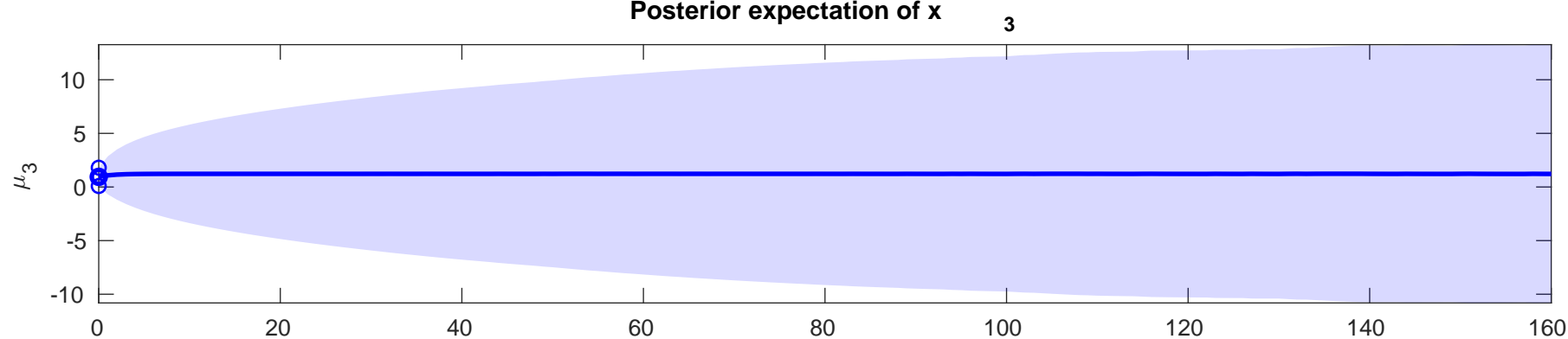
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-6.0206$



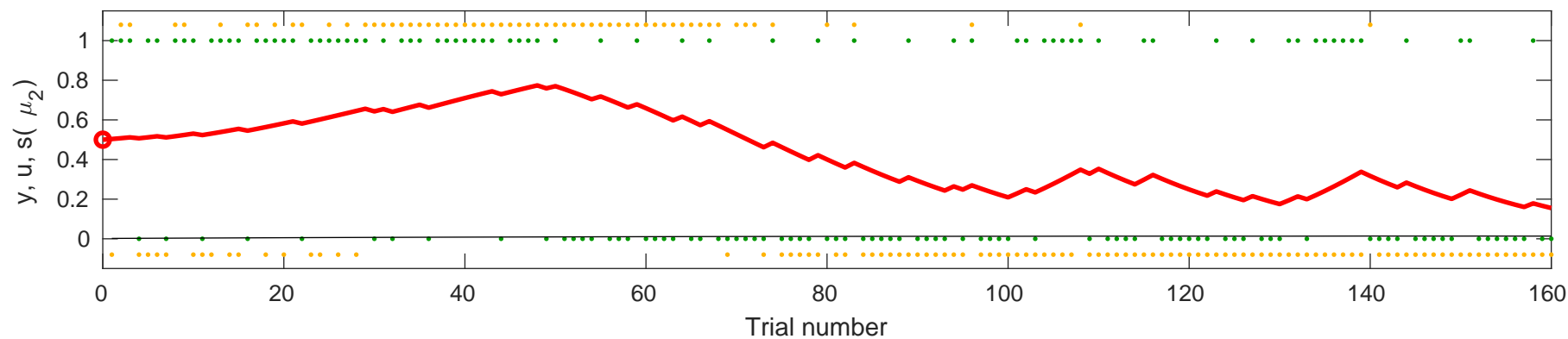


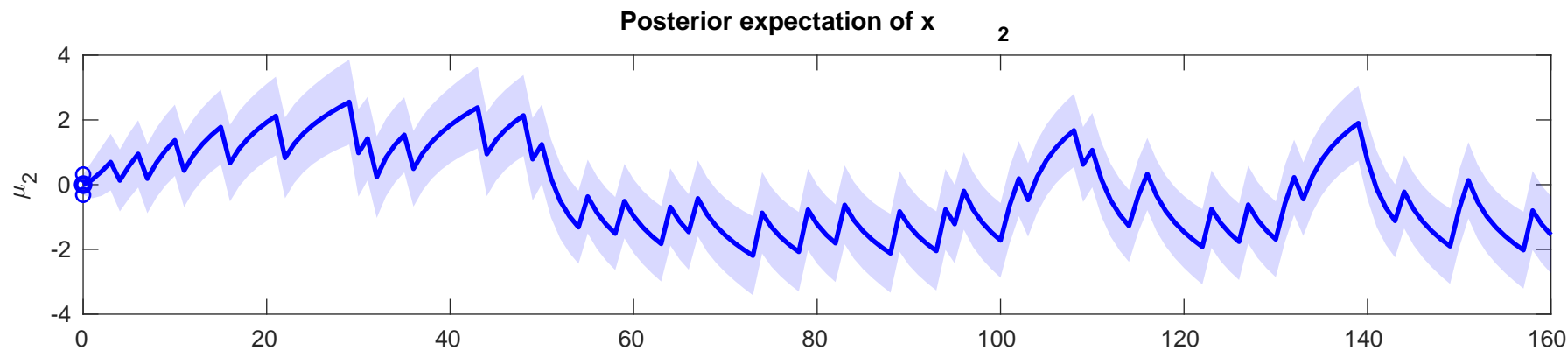
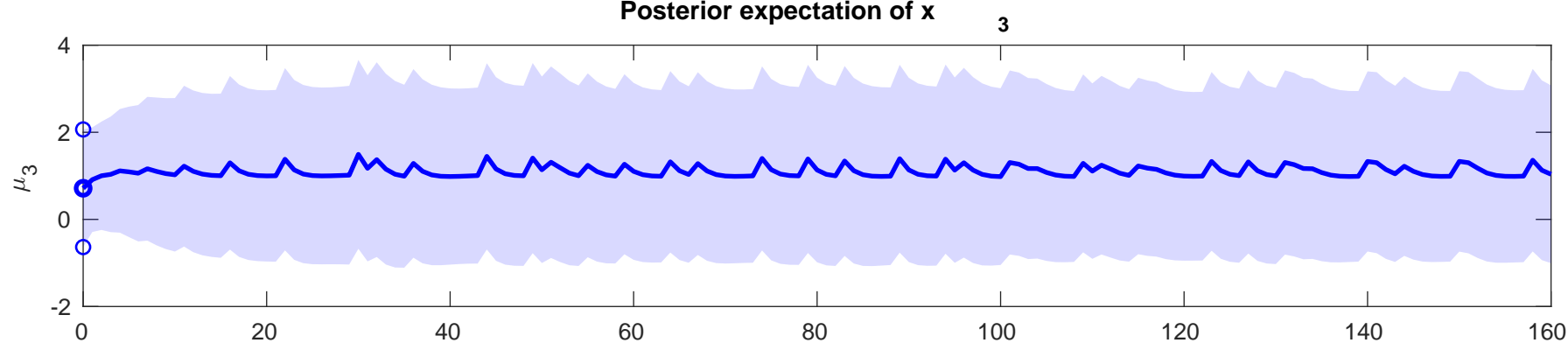
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=0.16319$



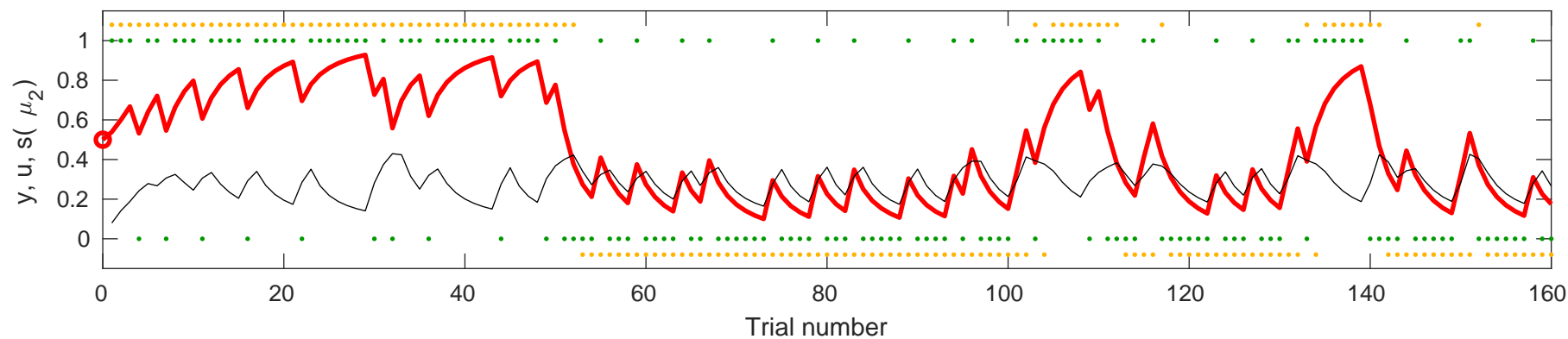


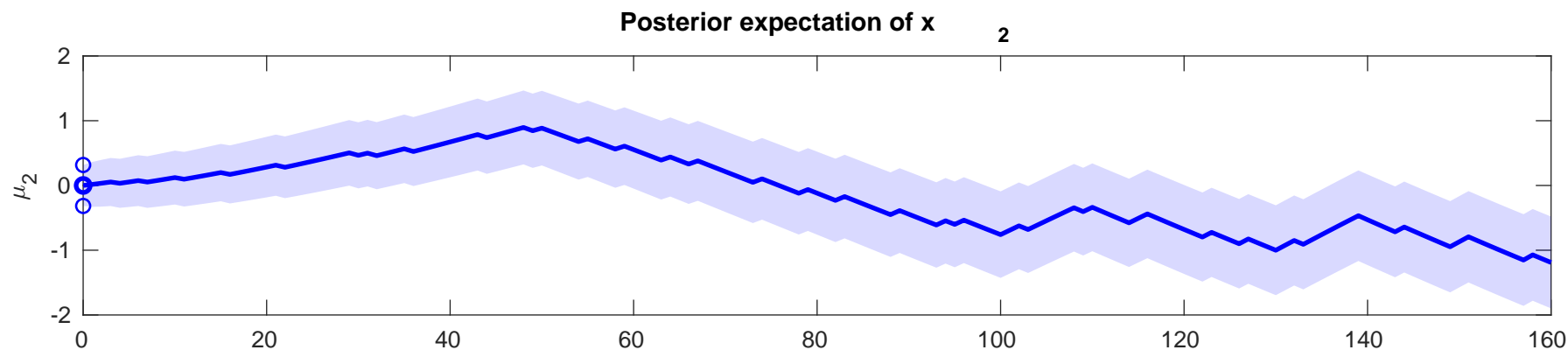
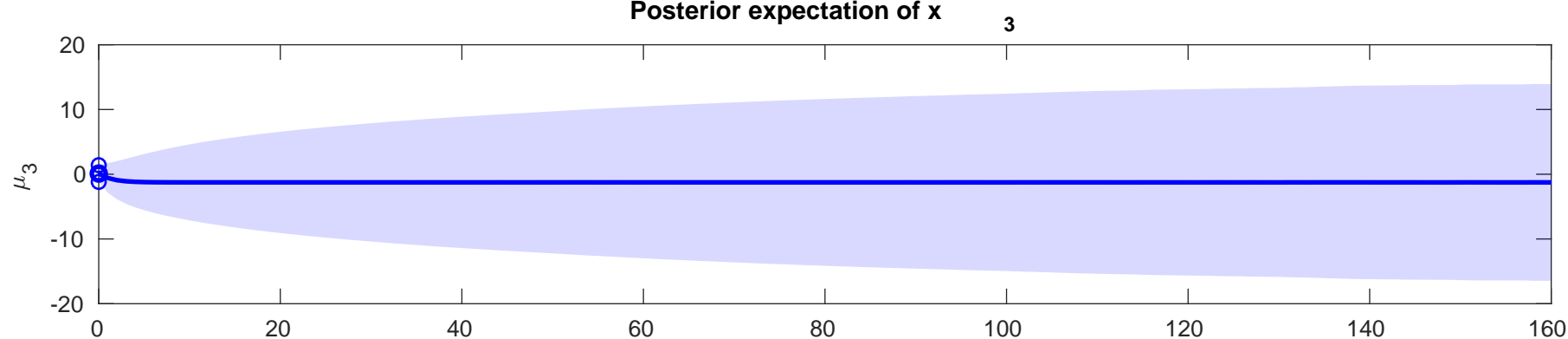
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.6783$



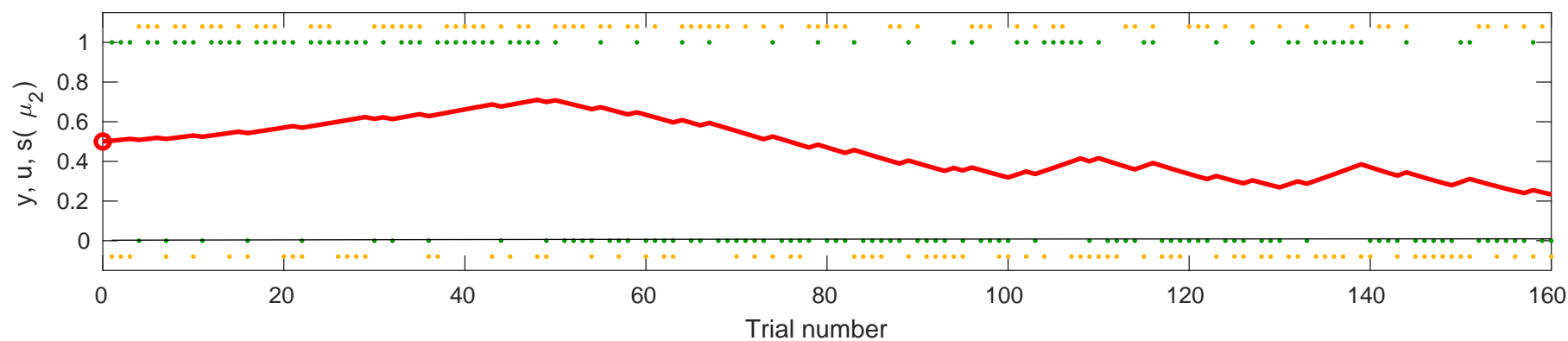


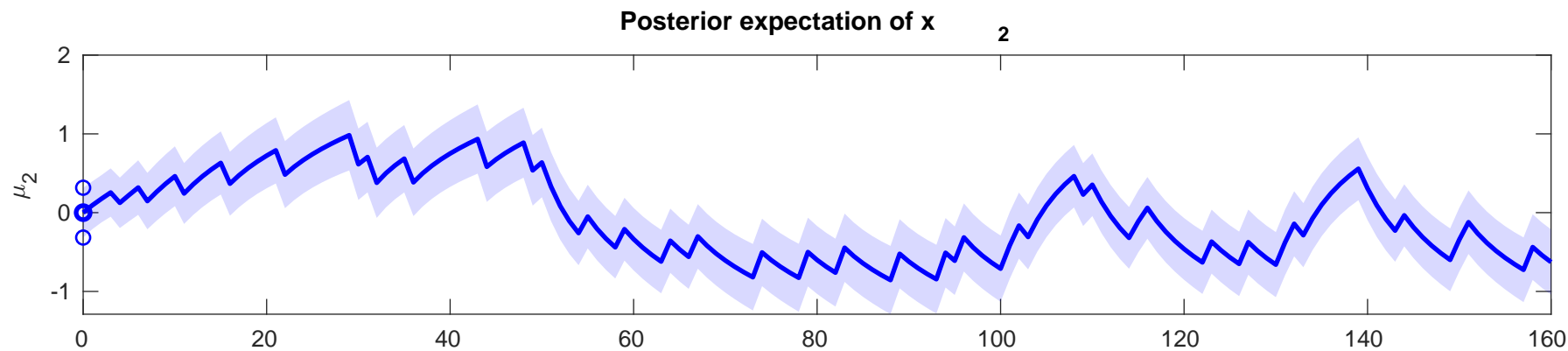
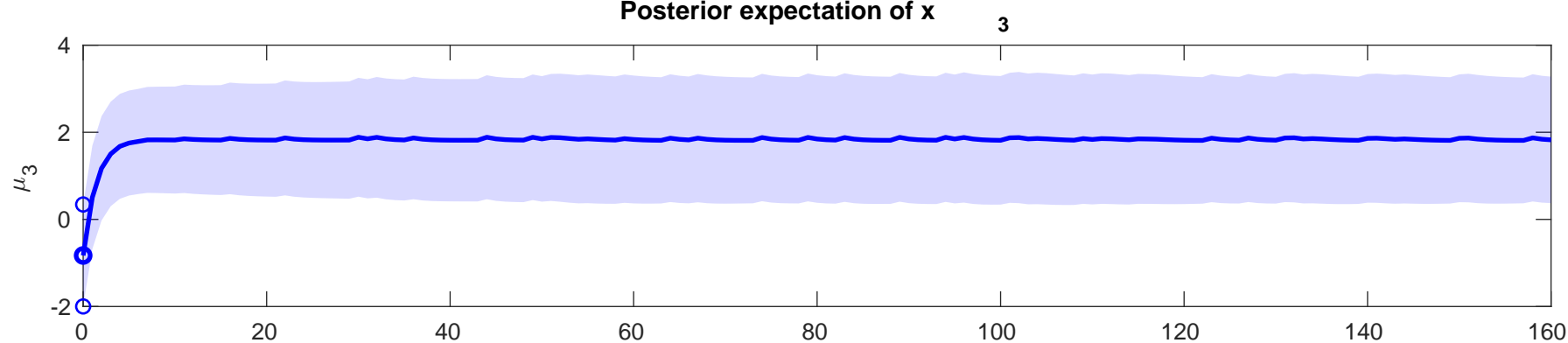
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.0633$



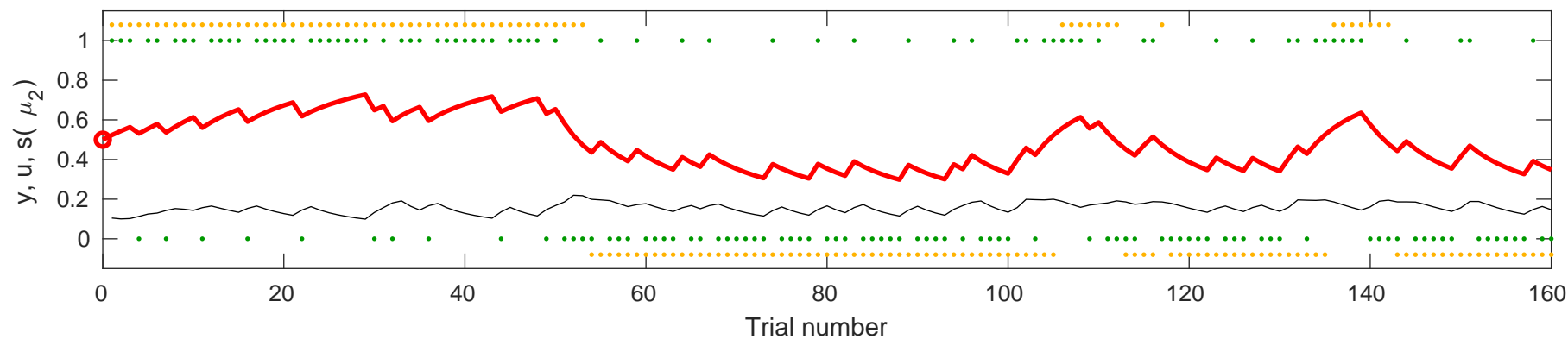


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.9815$



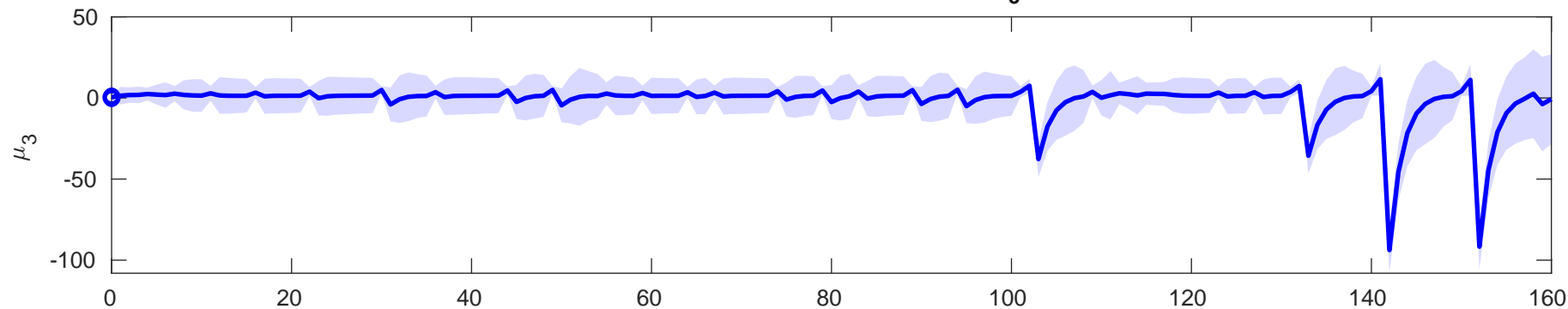


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.4484$

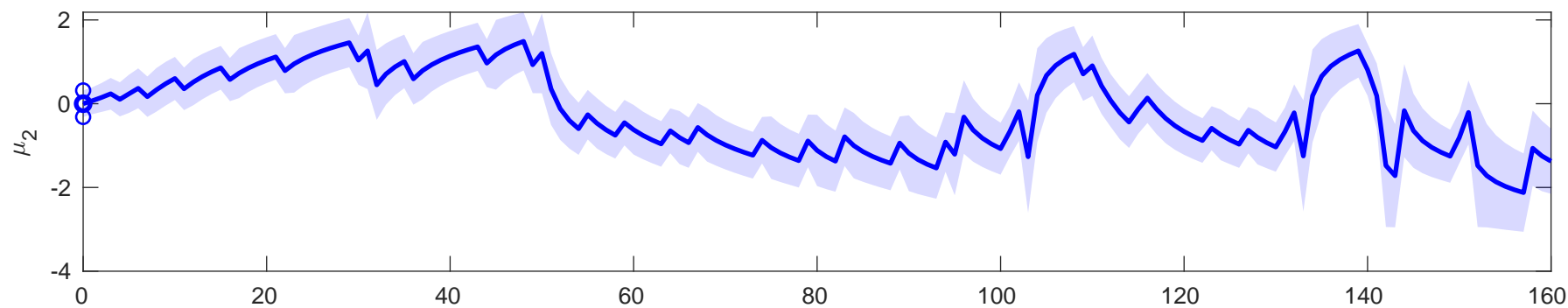
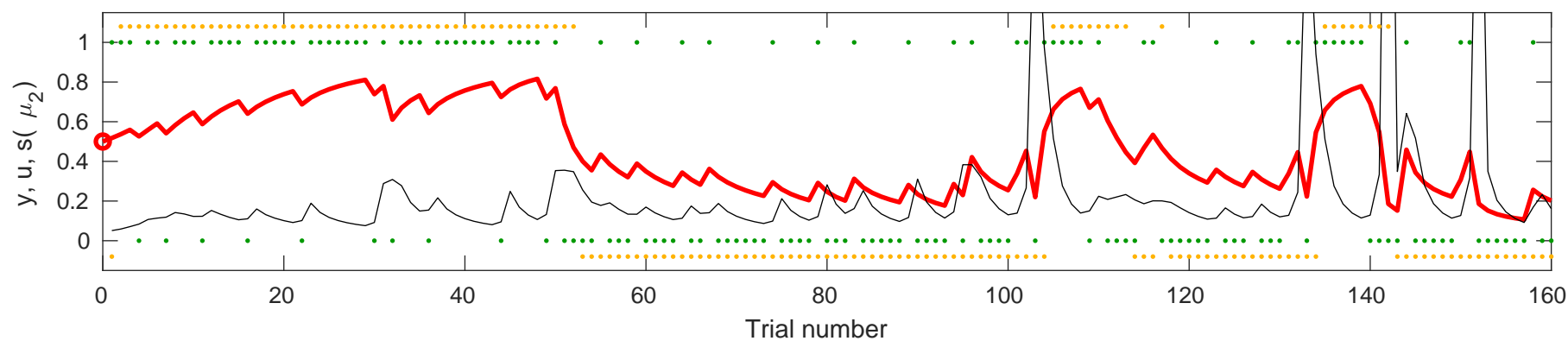


Posterior expectation of x

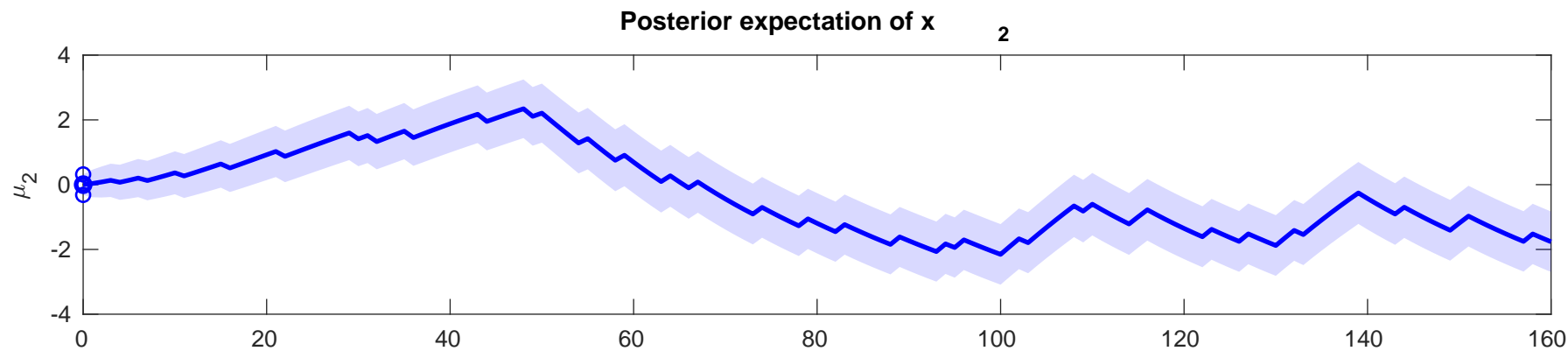
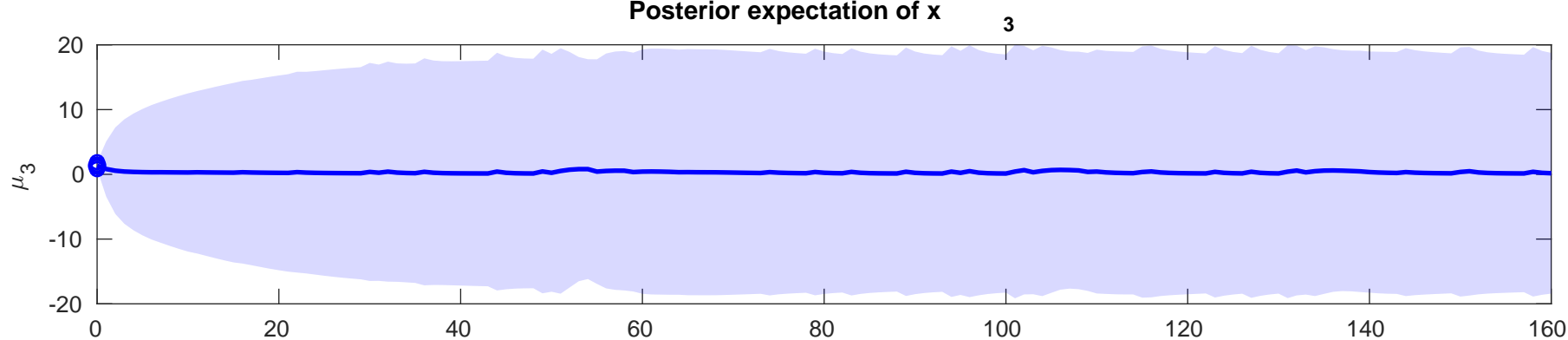
3

Posterior expectation of x

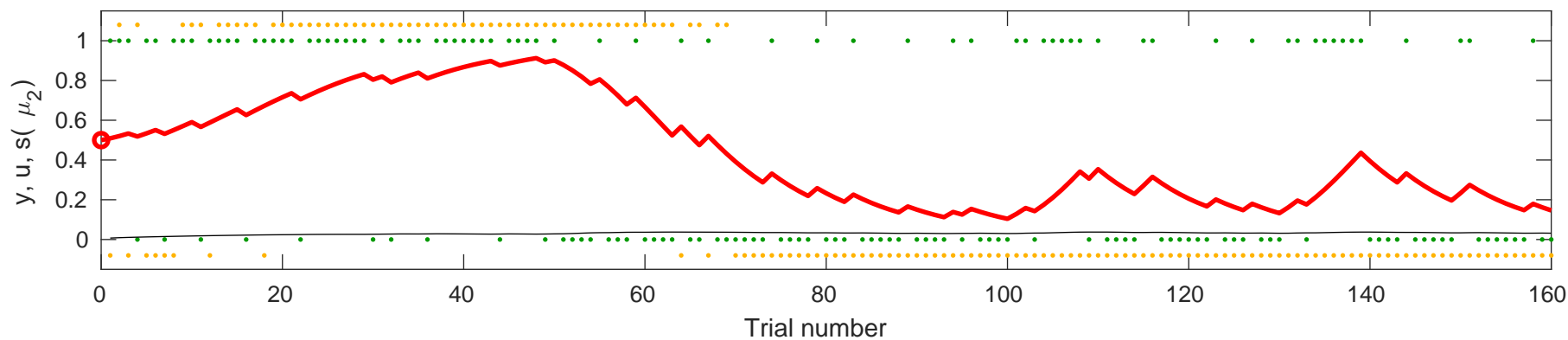
2

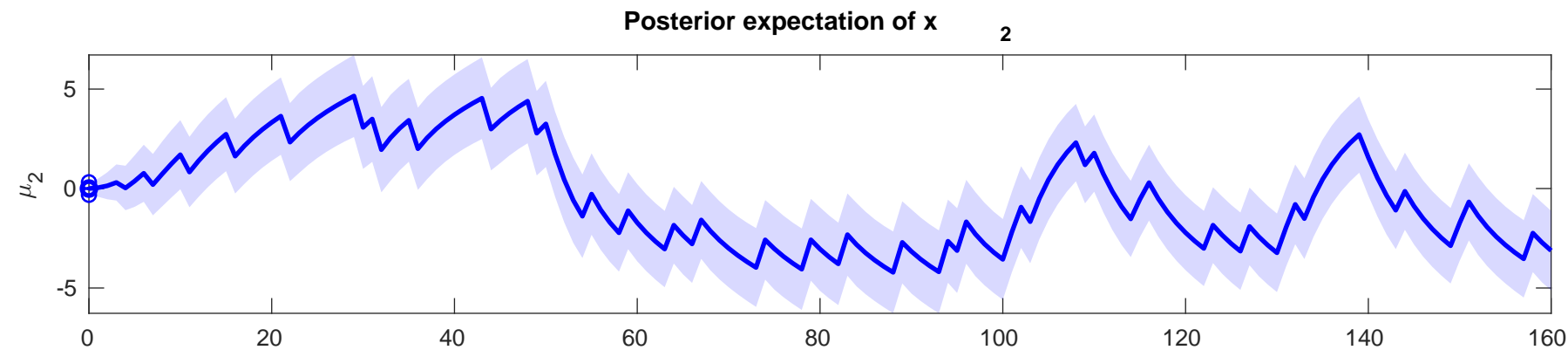
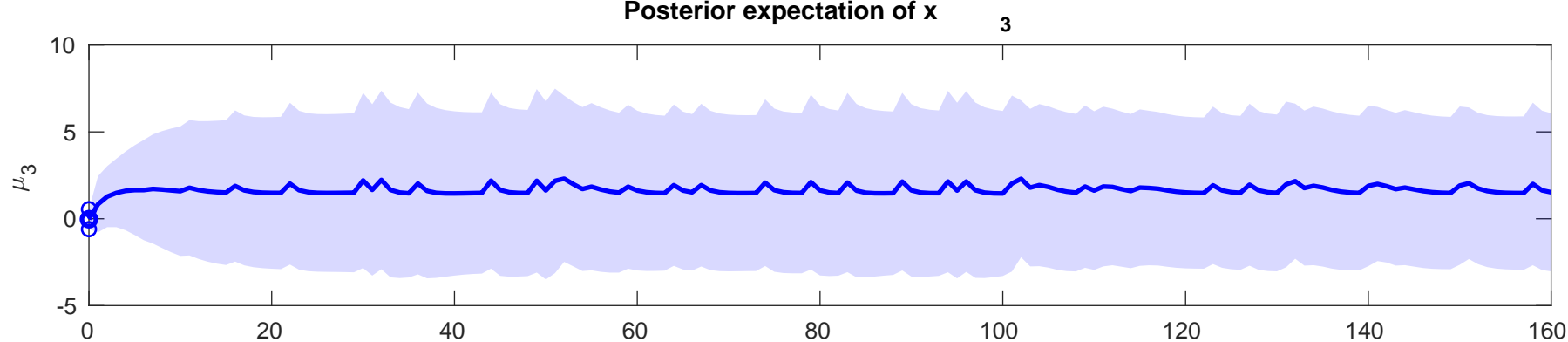
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-5.1755$ 

Trial number

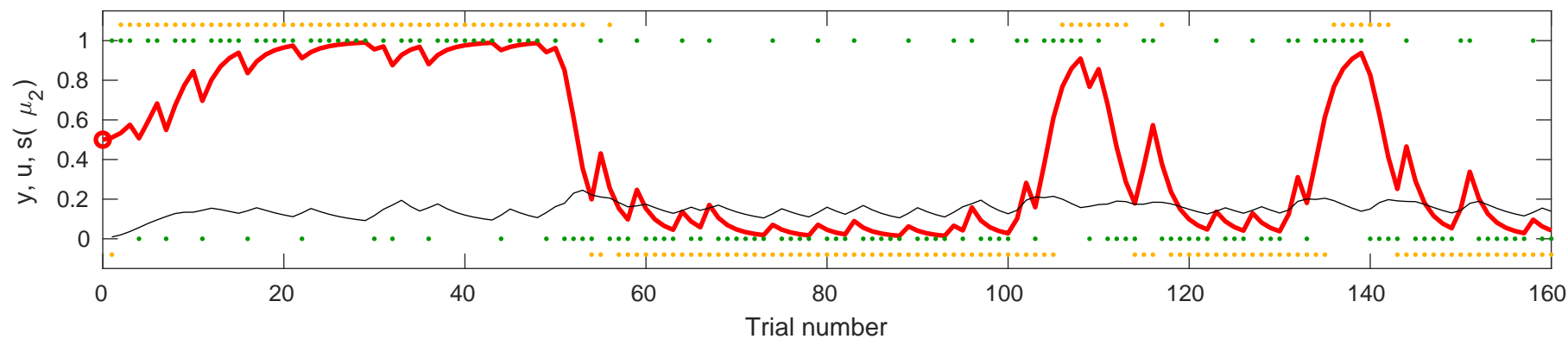


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.8271$

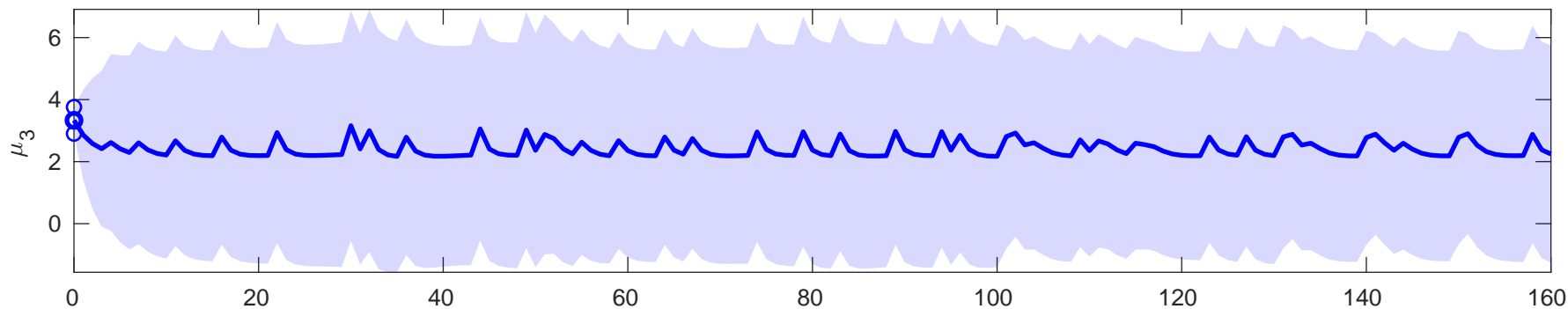




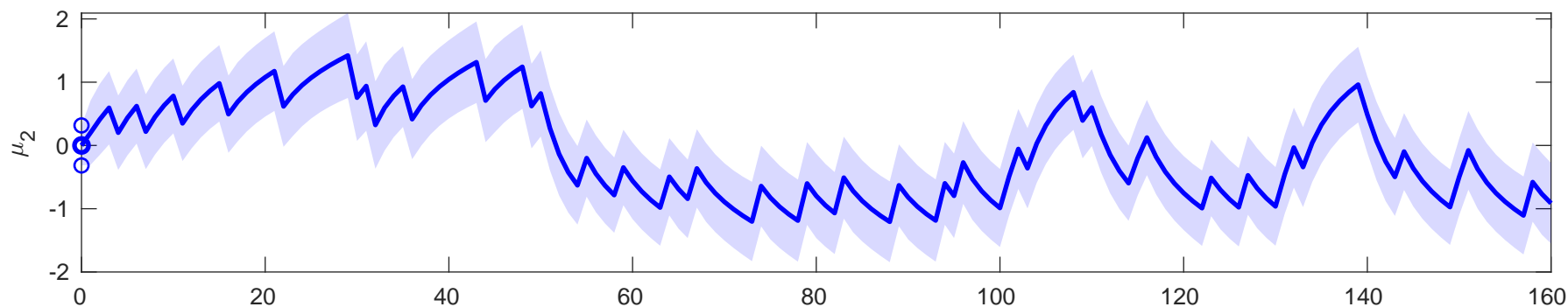
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.1899$



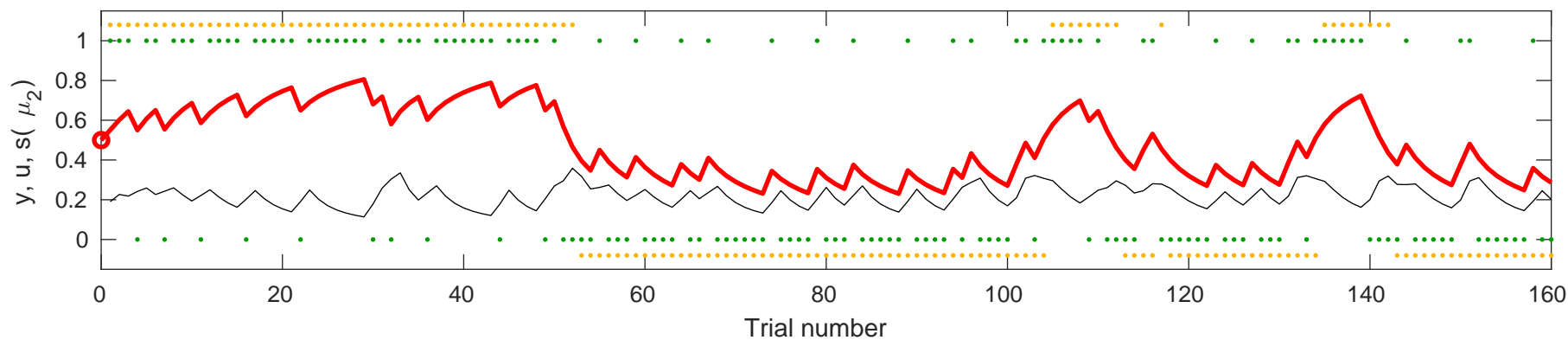
Posterior expectation of x **3**

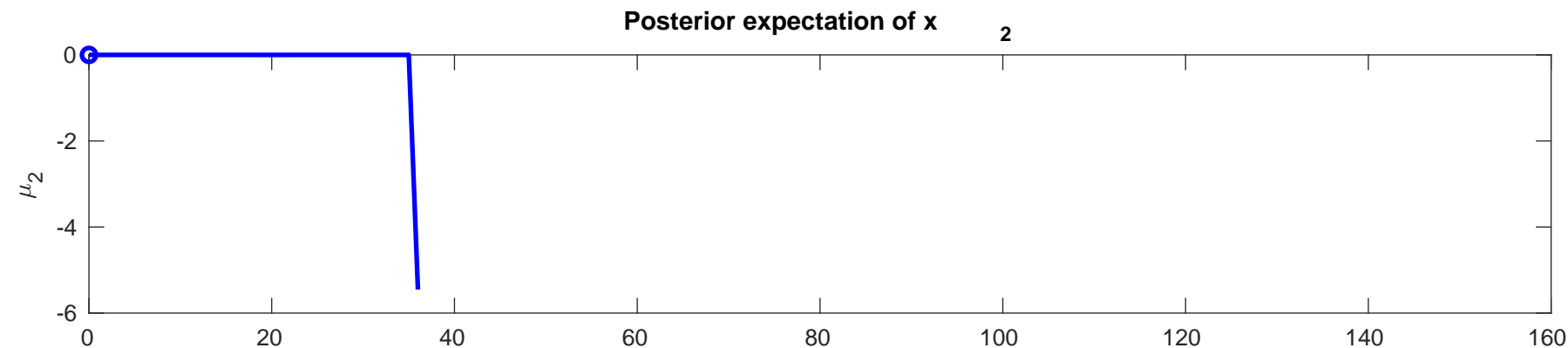
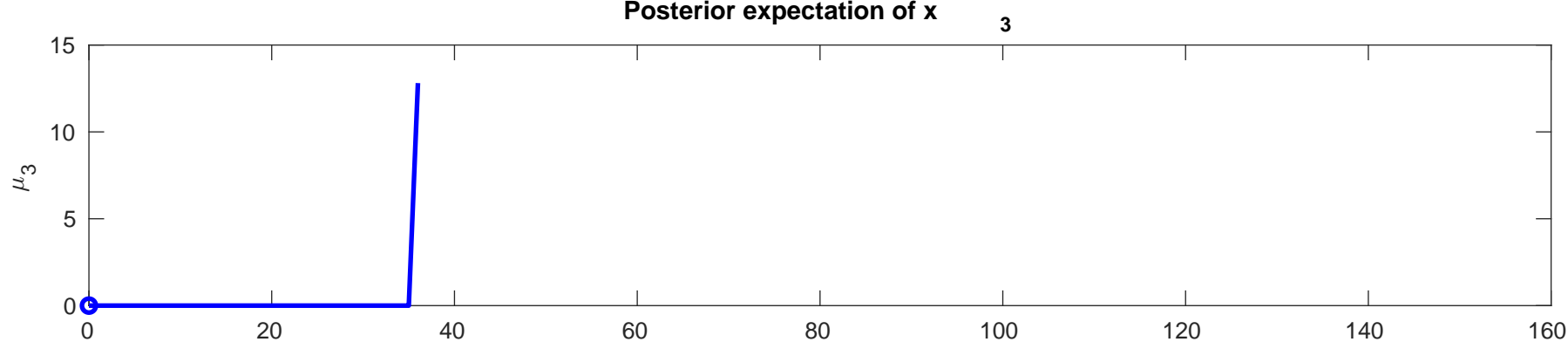


Posterior expectation of x **2**

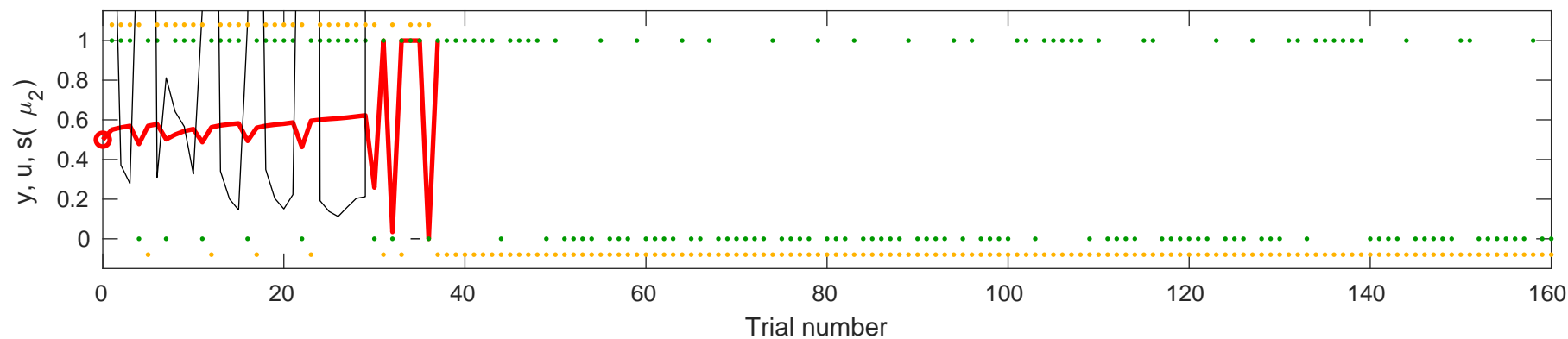


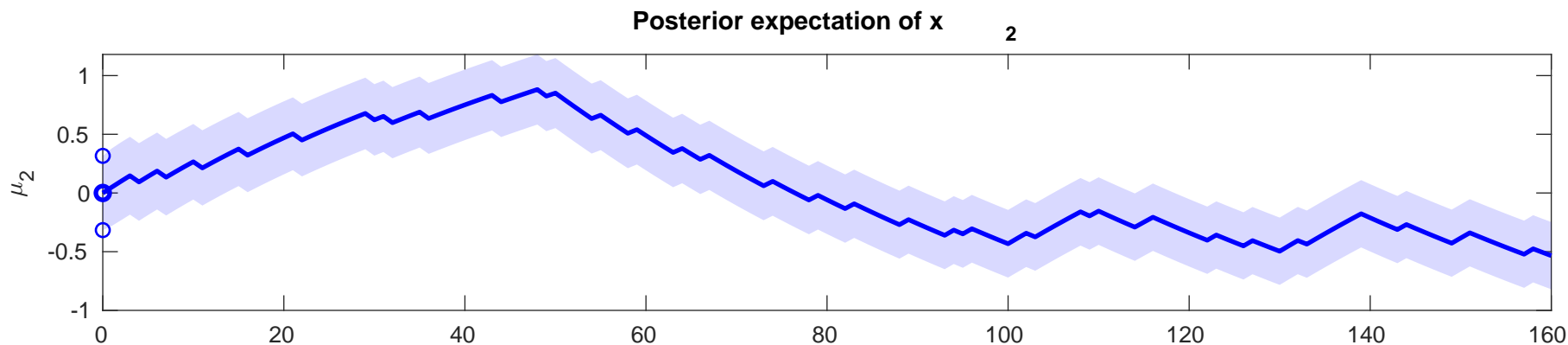
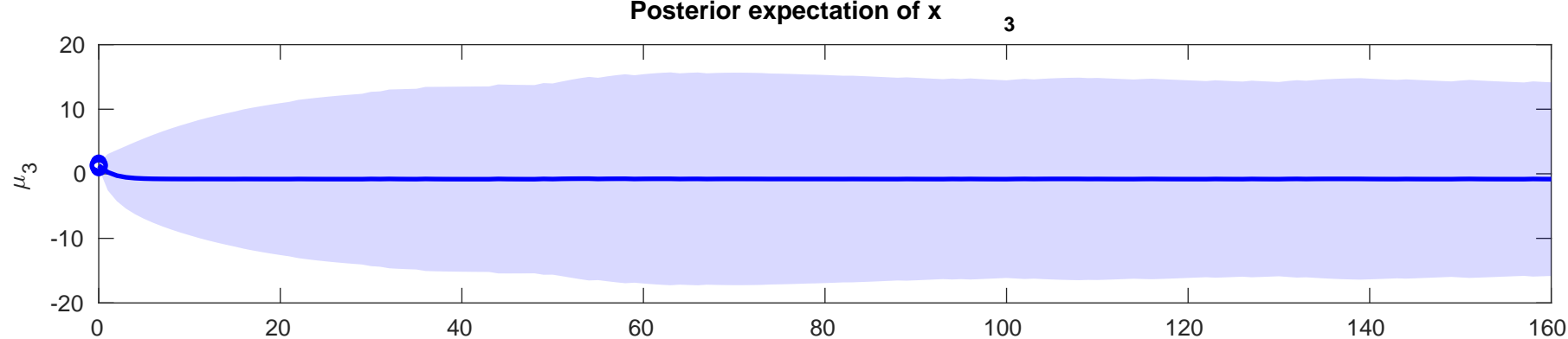
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.8966$



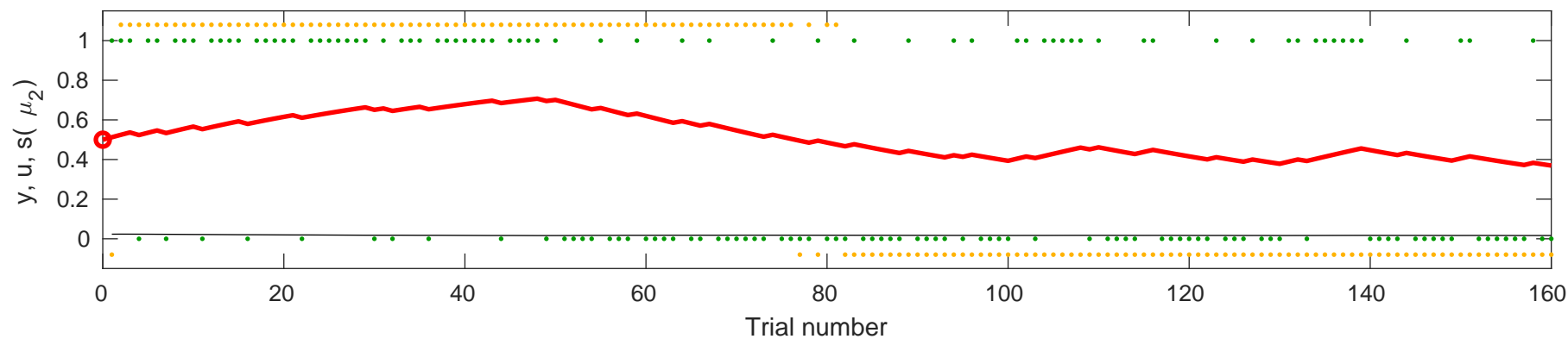


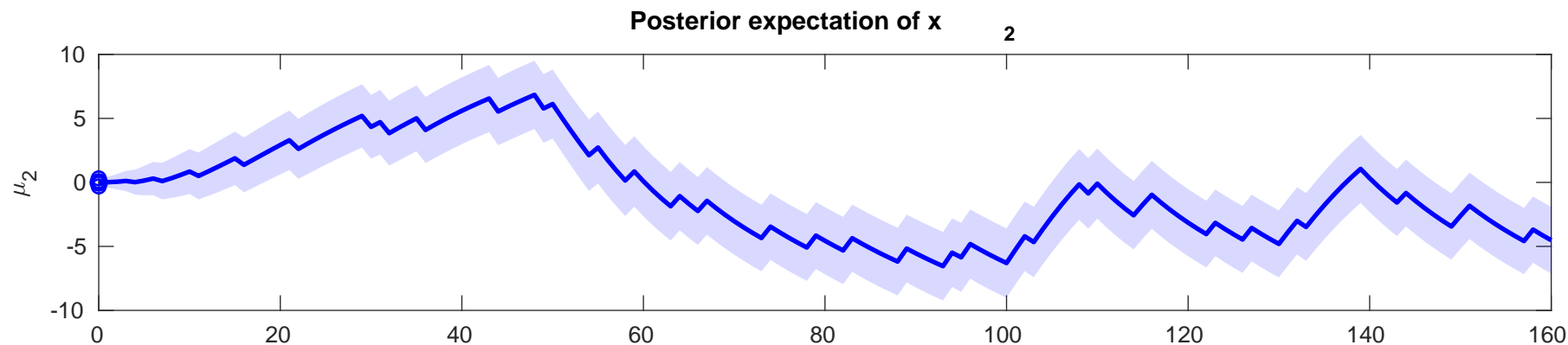
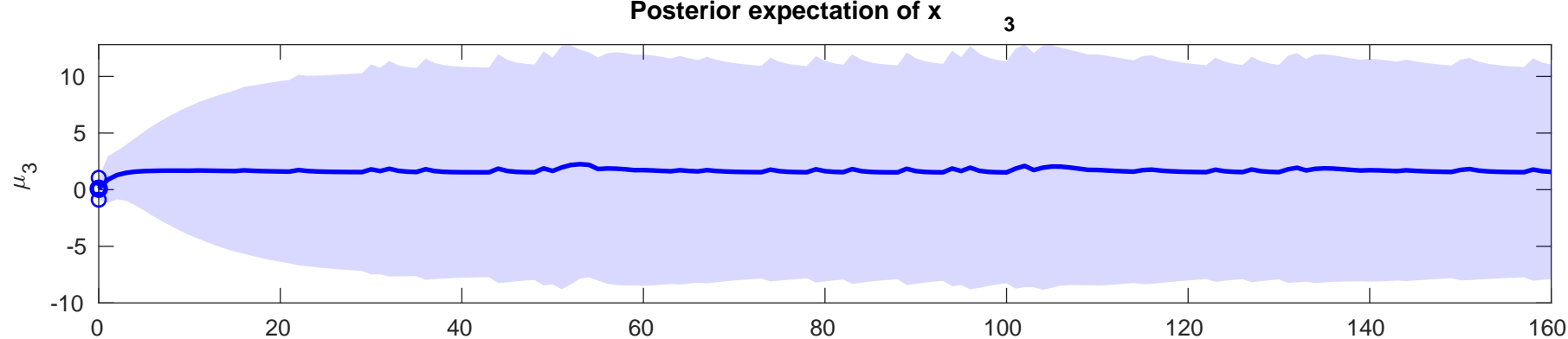
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.1758$



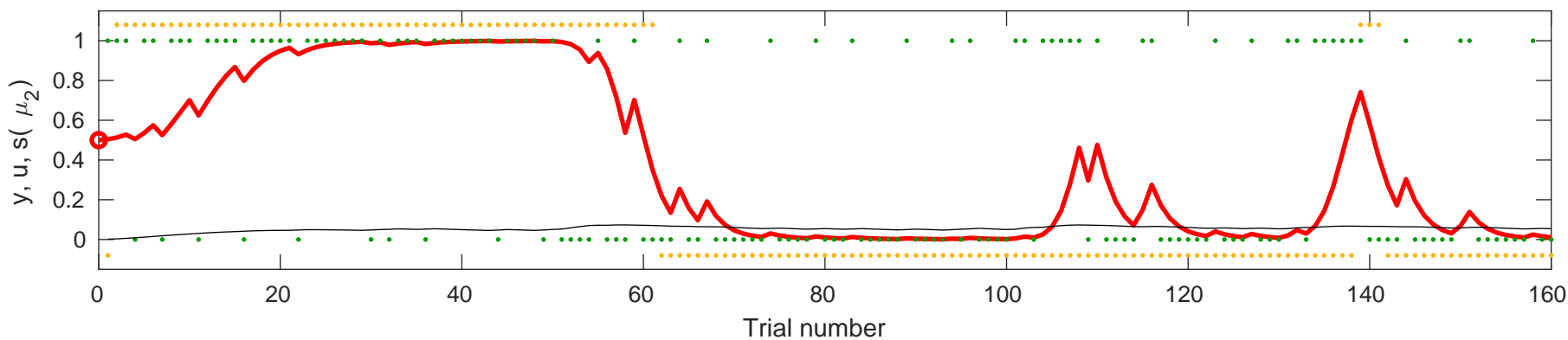


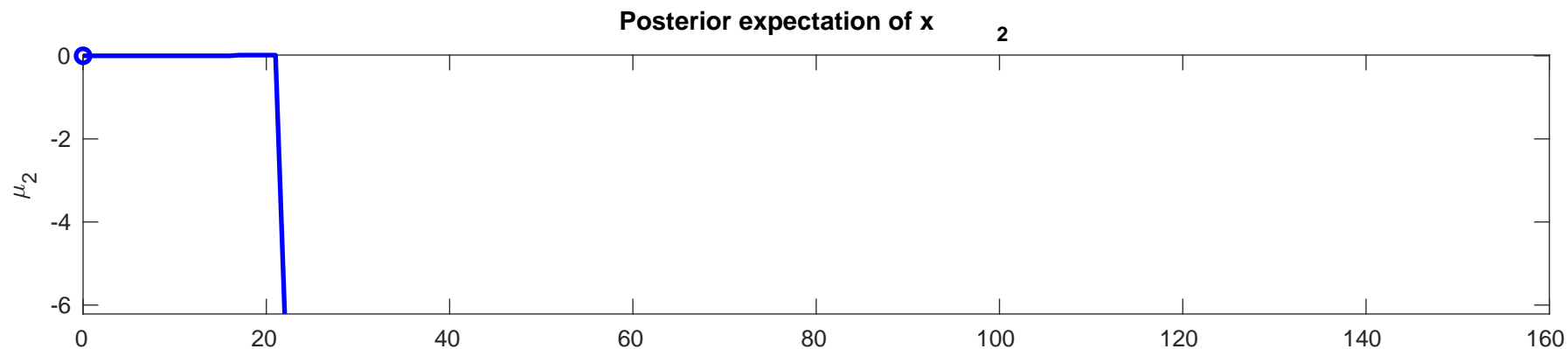
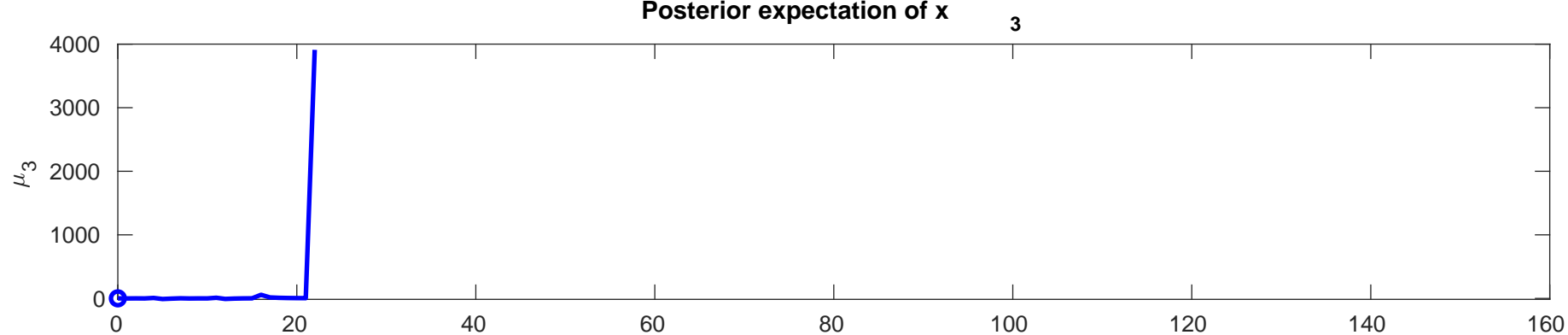
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.7699$



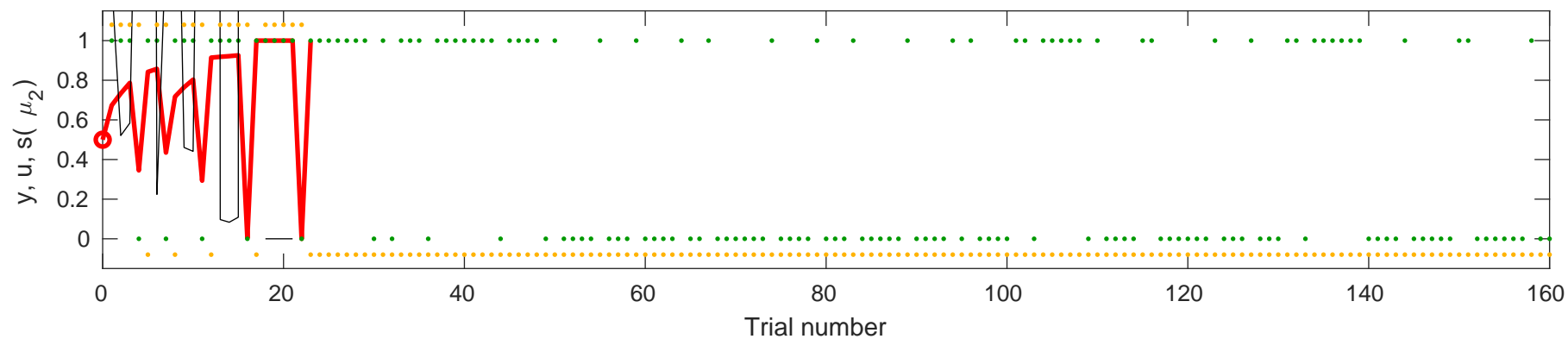


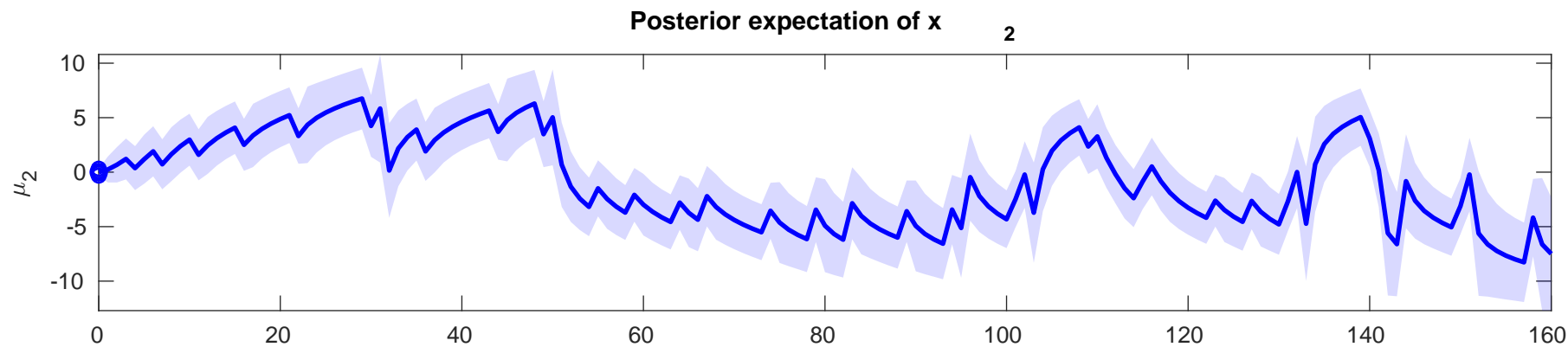
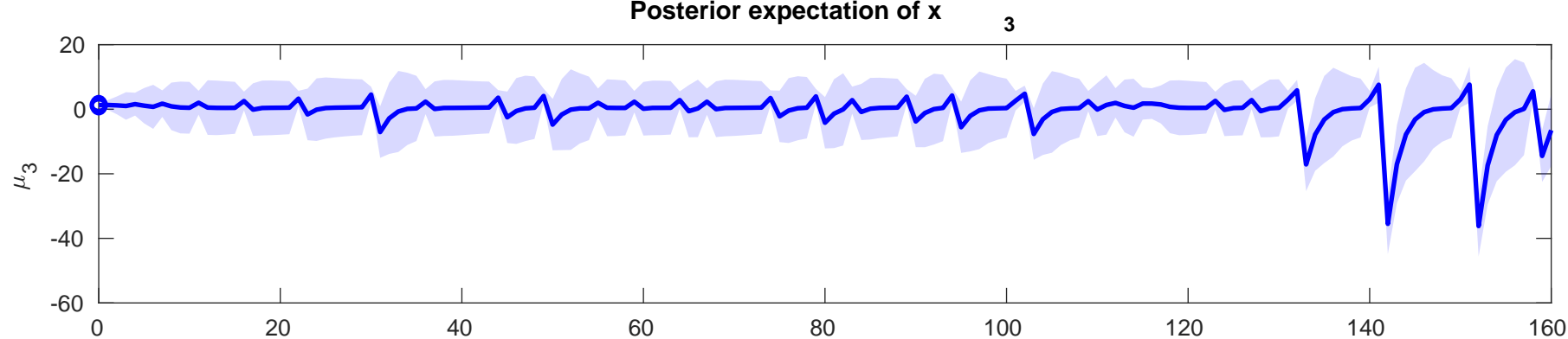
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(μ_2) (red) for $\rho=0$ 0, $\kappa=1$, $\omega=-2.58$



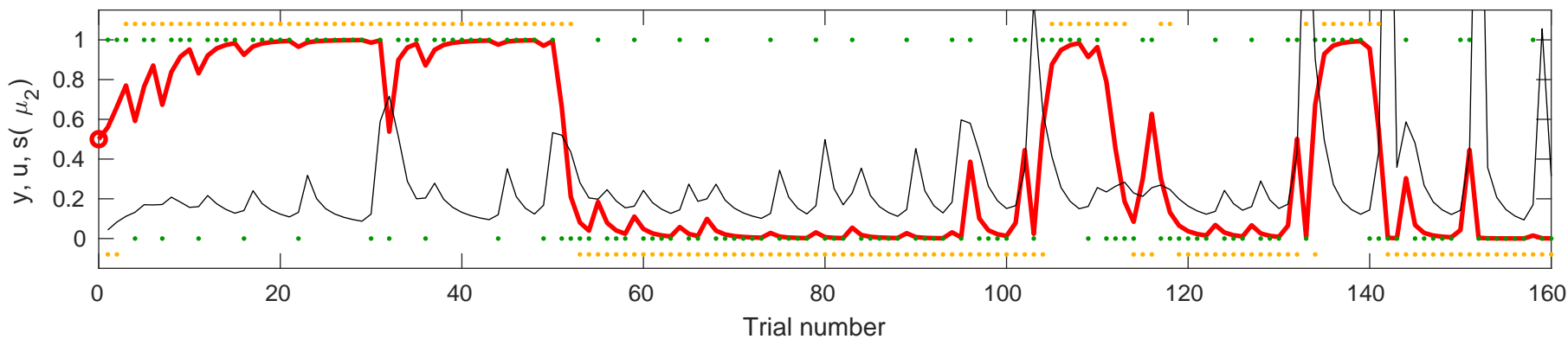


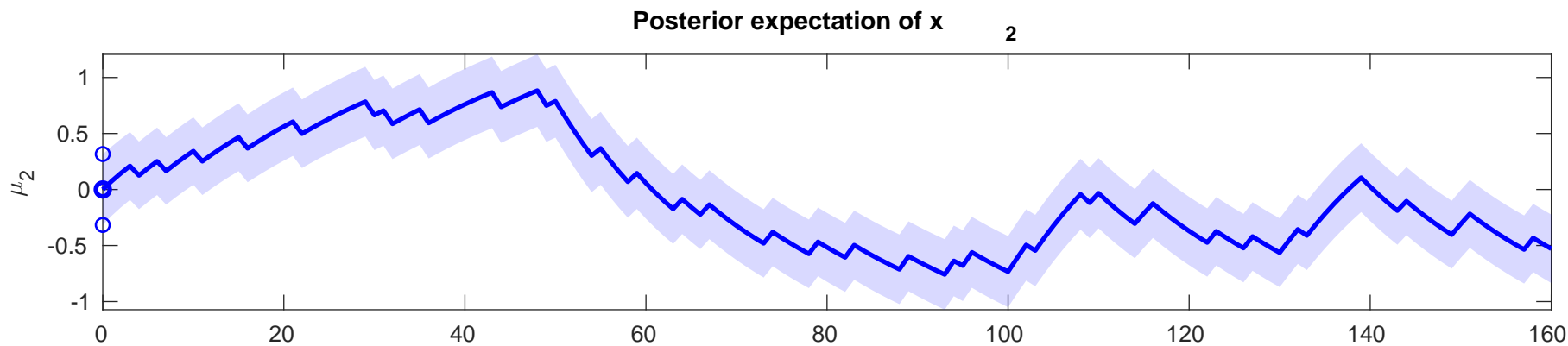
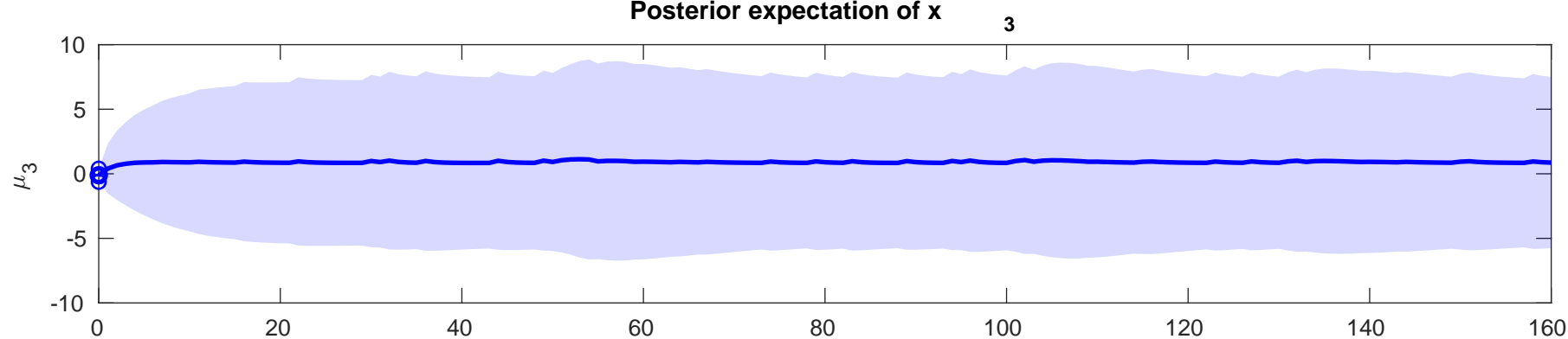
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(μ_2) (red) for $\rho=0.0$, $\kappa=1$, $\omega=-0.34799$



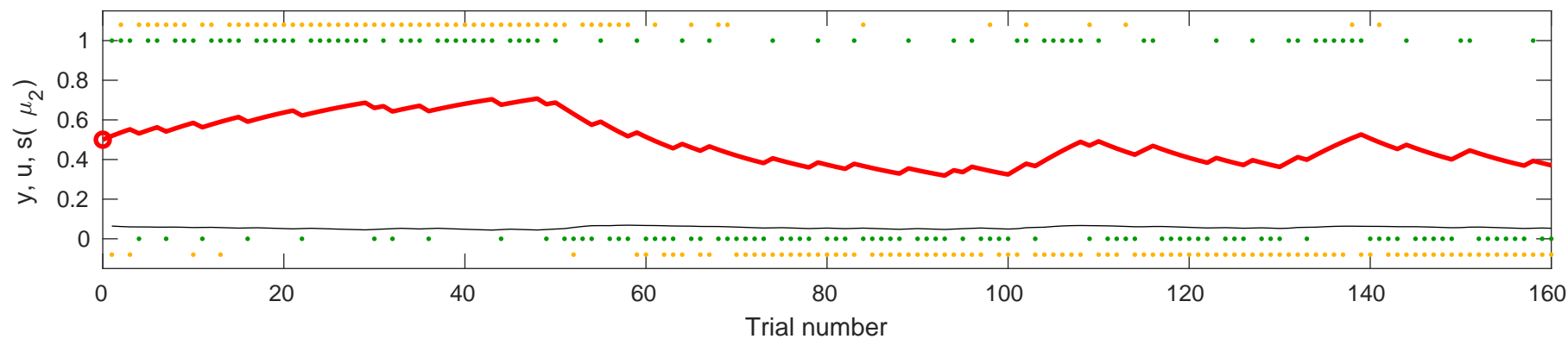


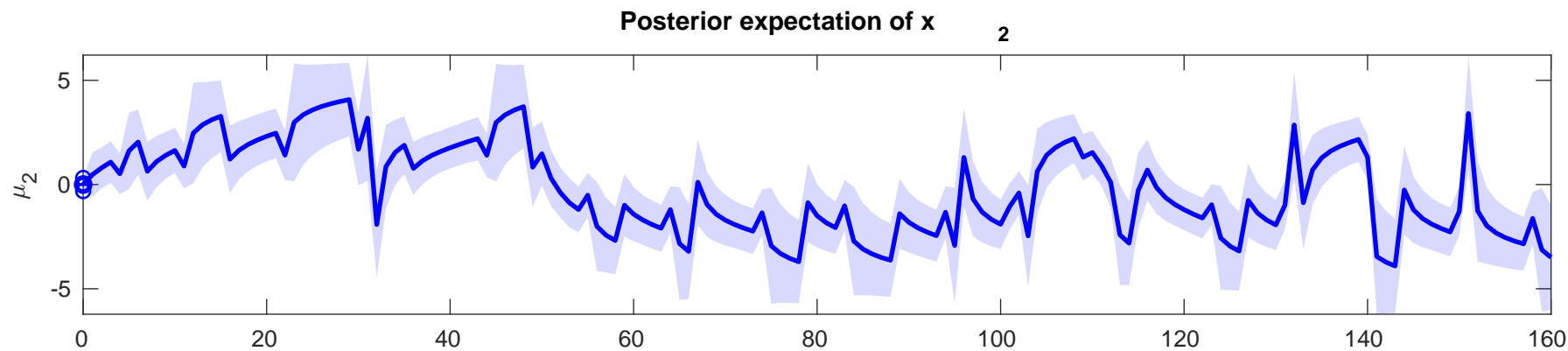
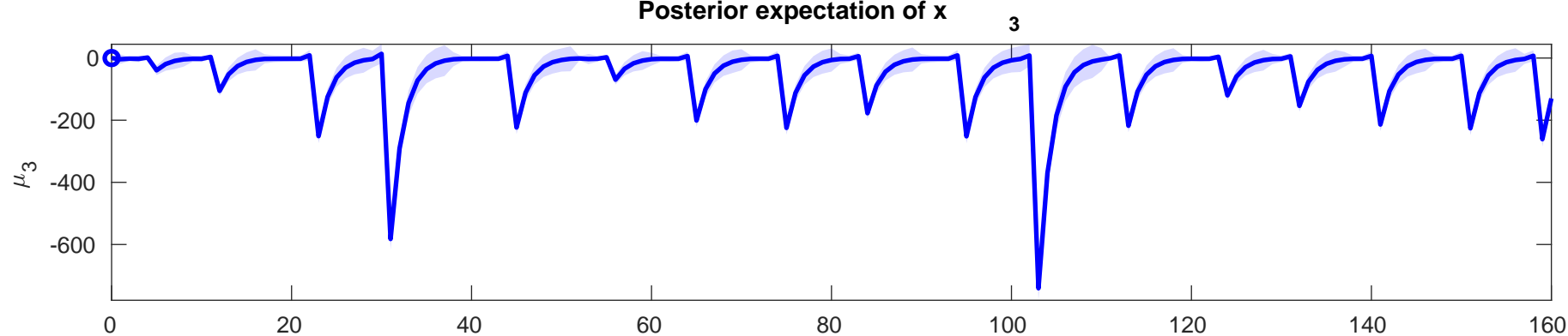
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-0.93774$



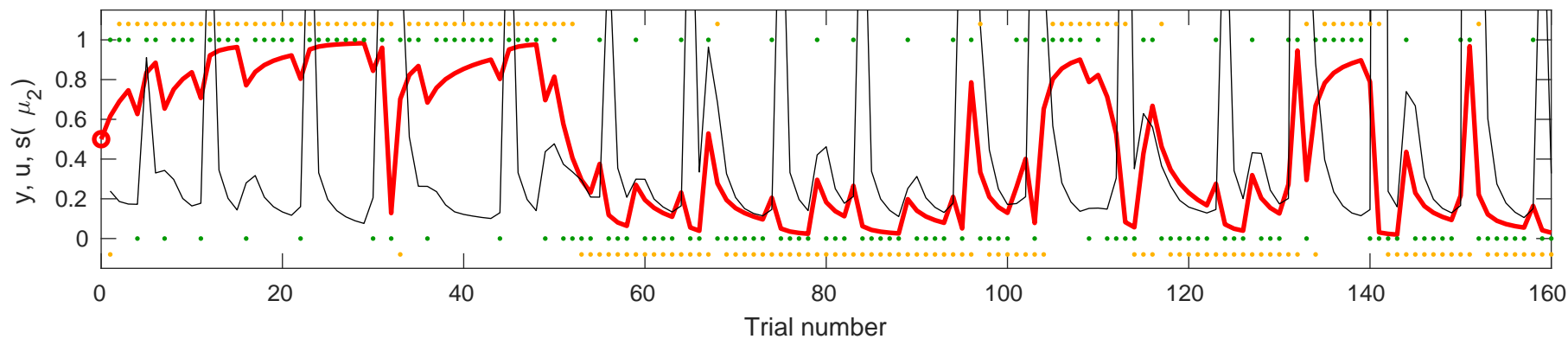


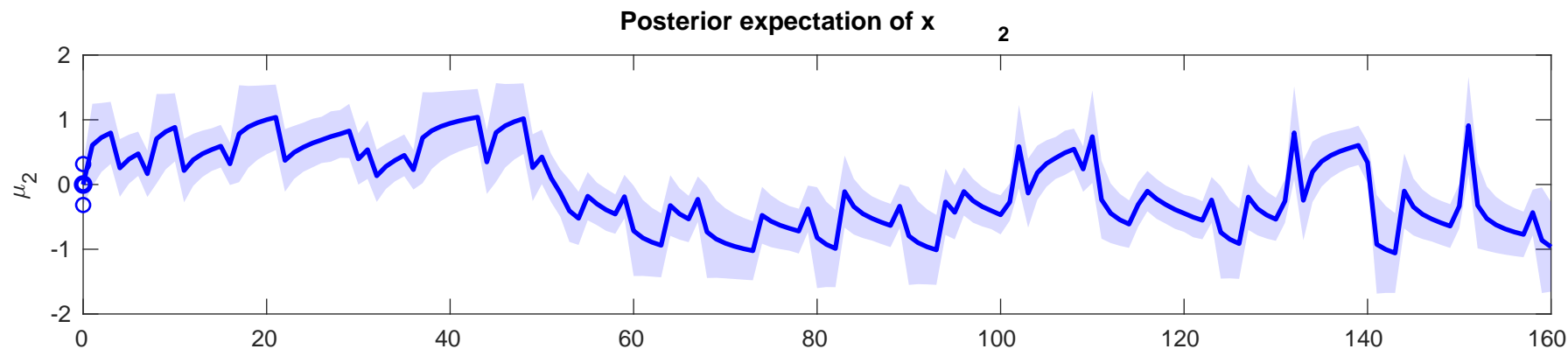
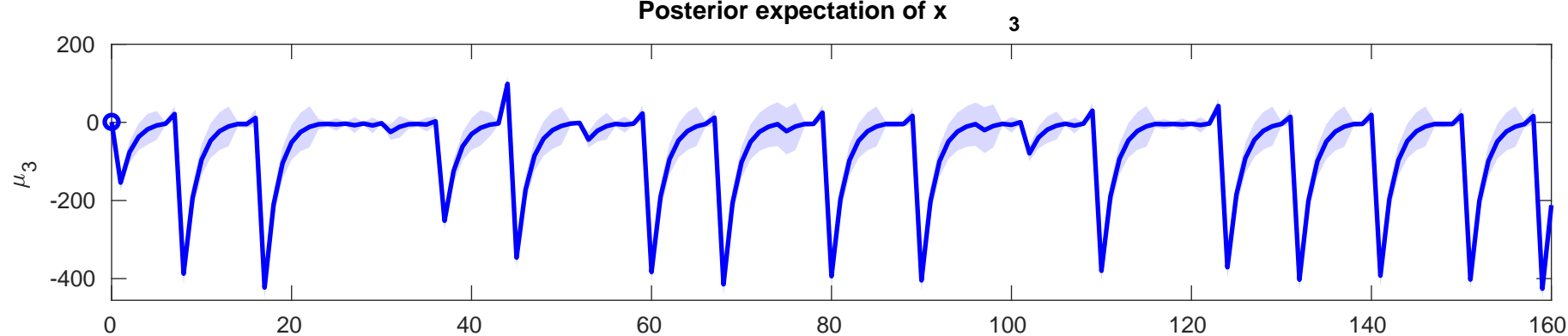
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-6.1325$



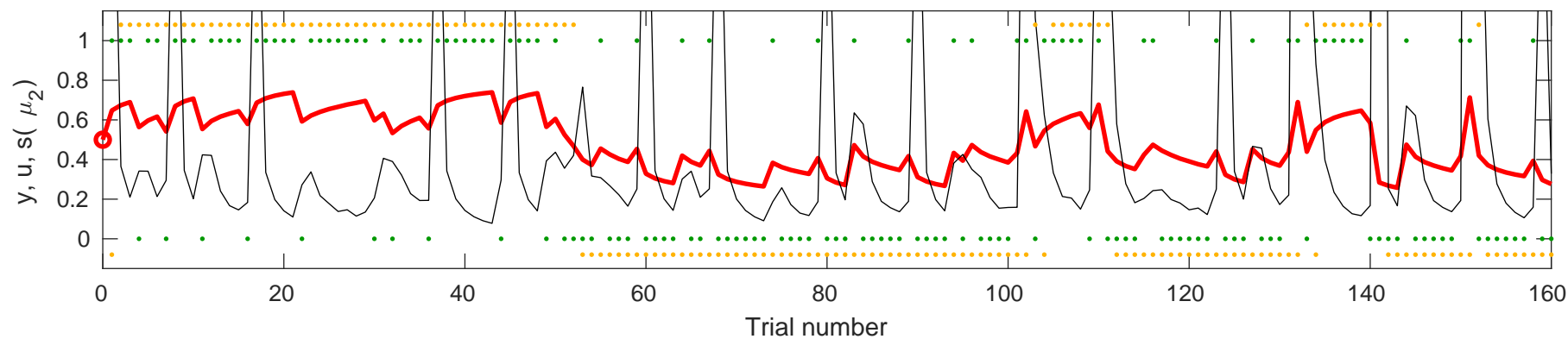


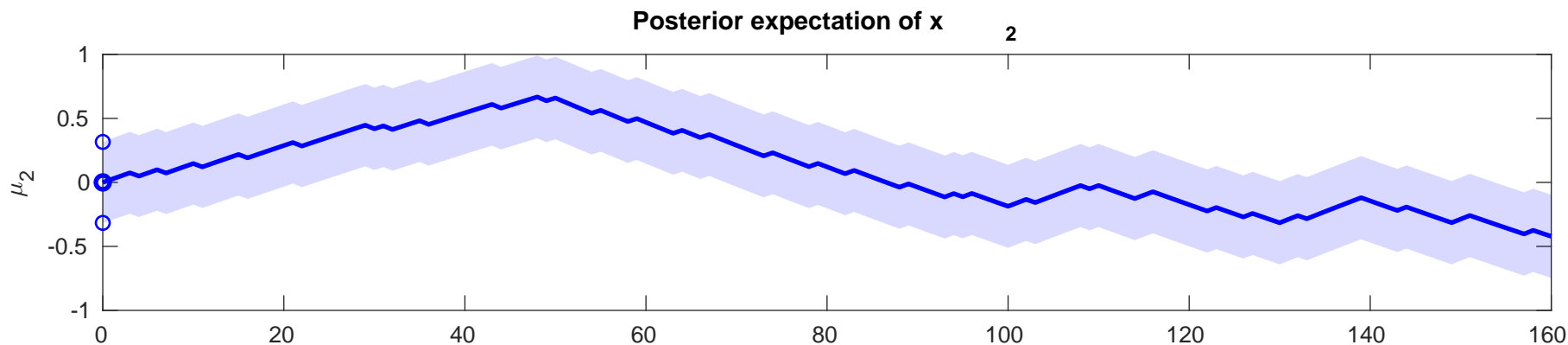
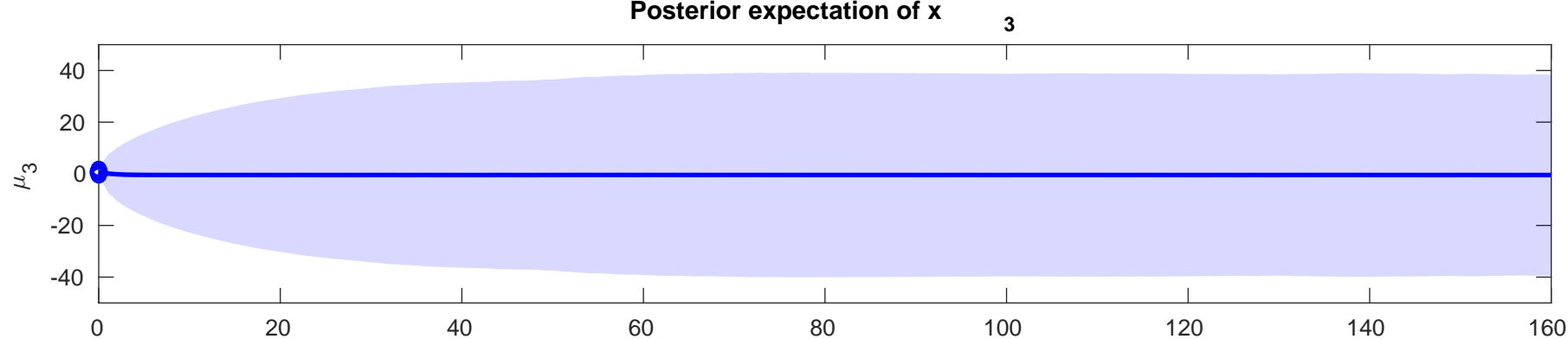
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=0.34017$



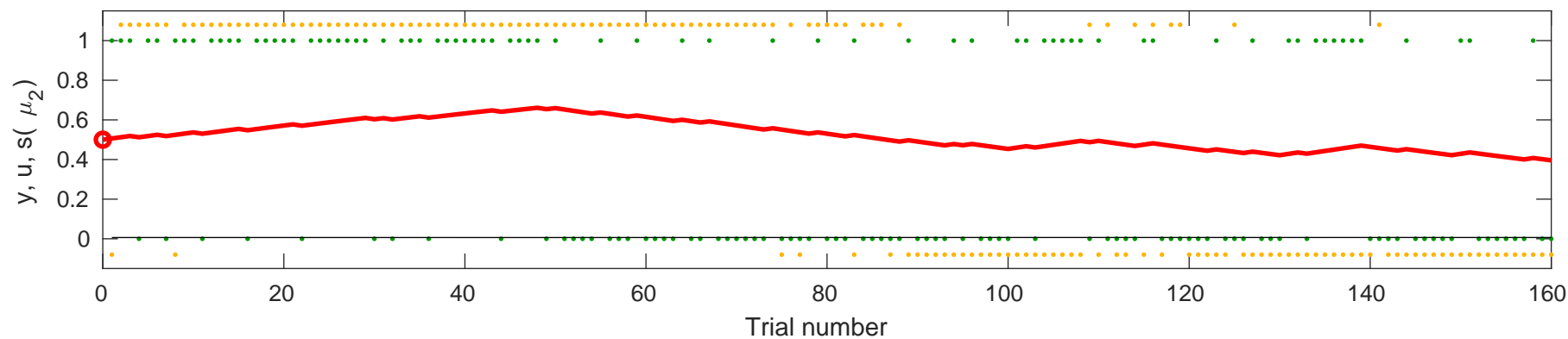


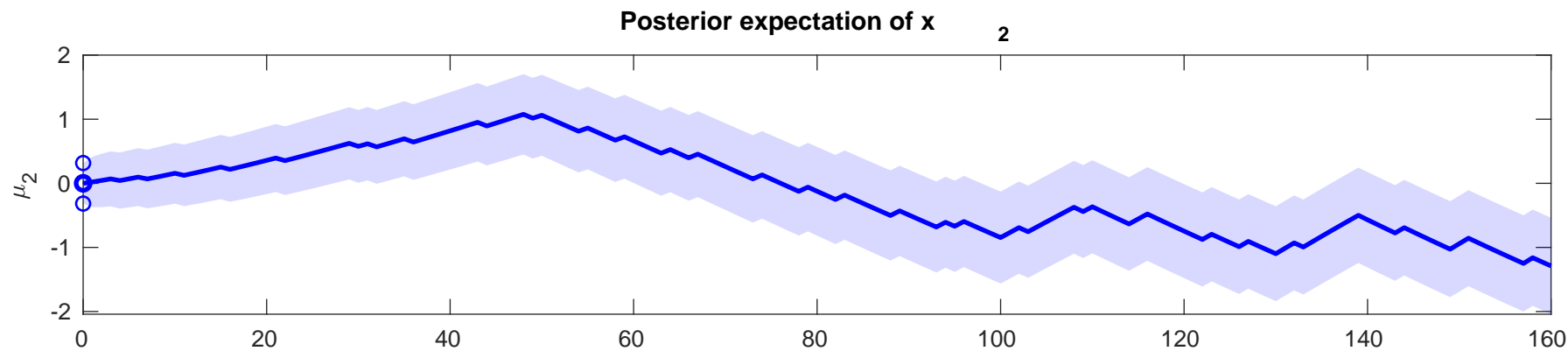
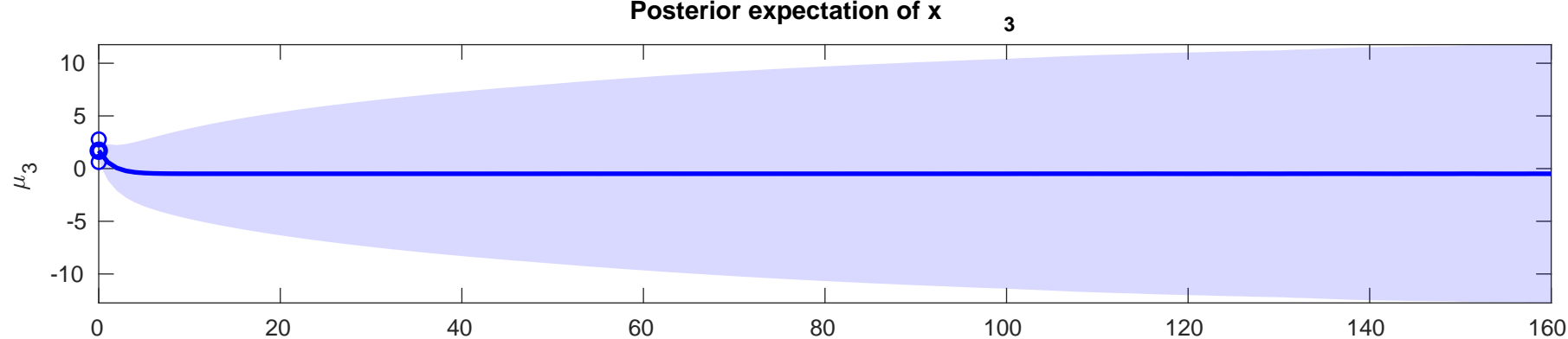
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=0.23317$



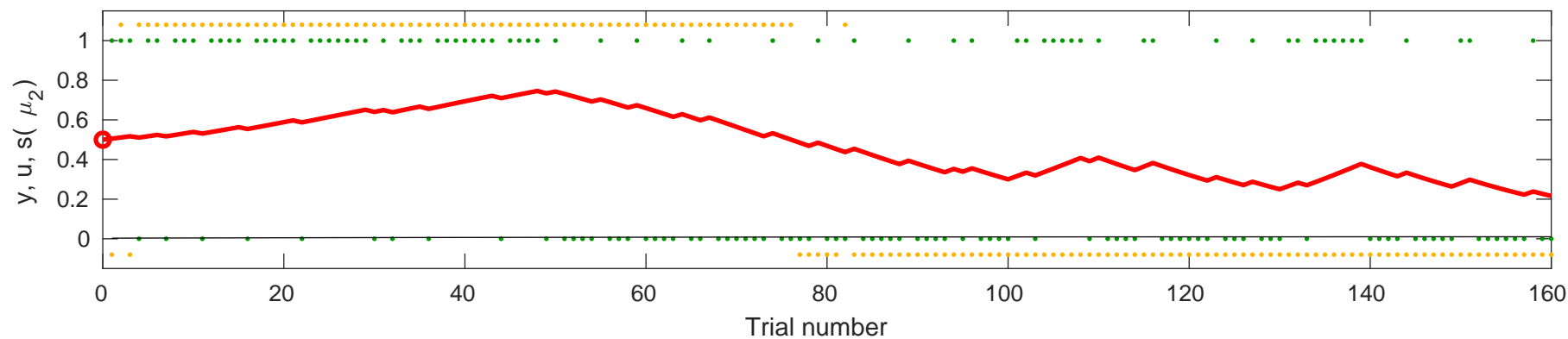


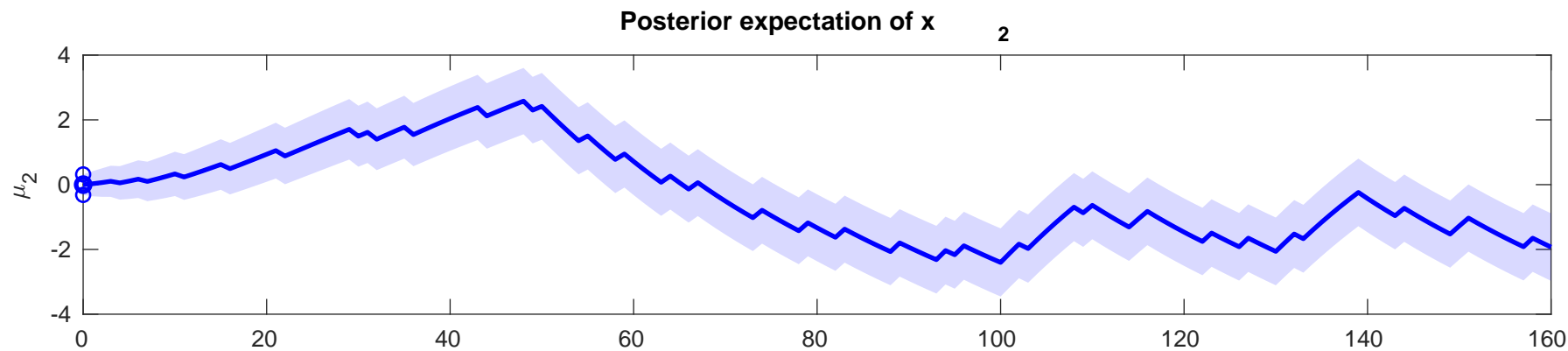
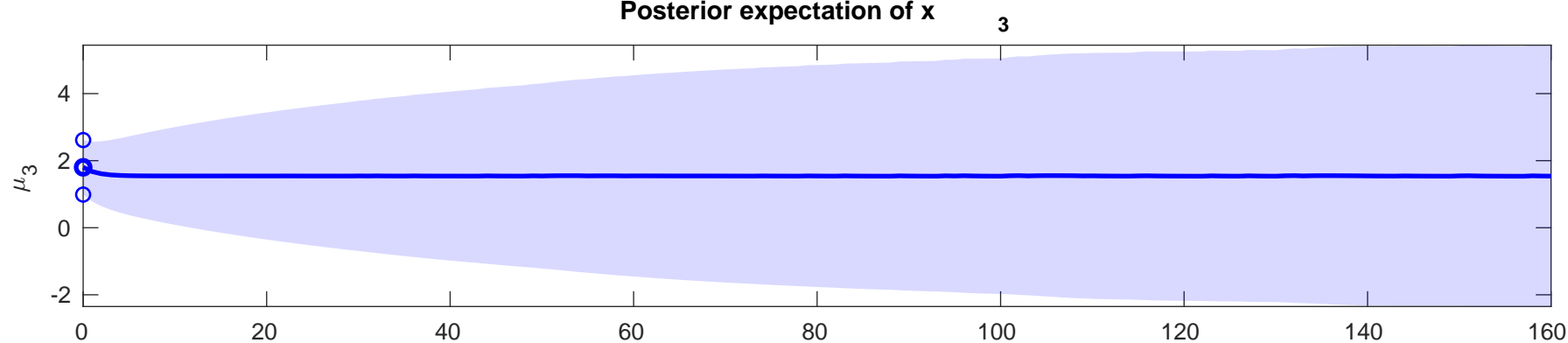
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-6.7974$



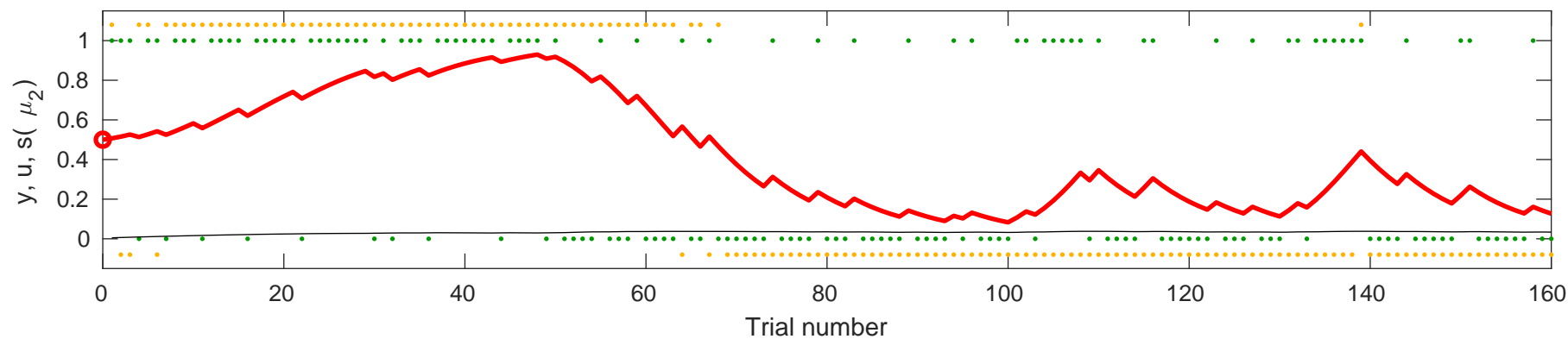


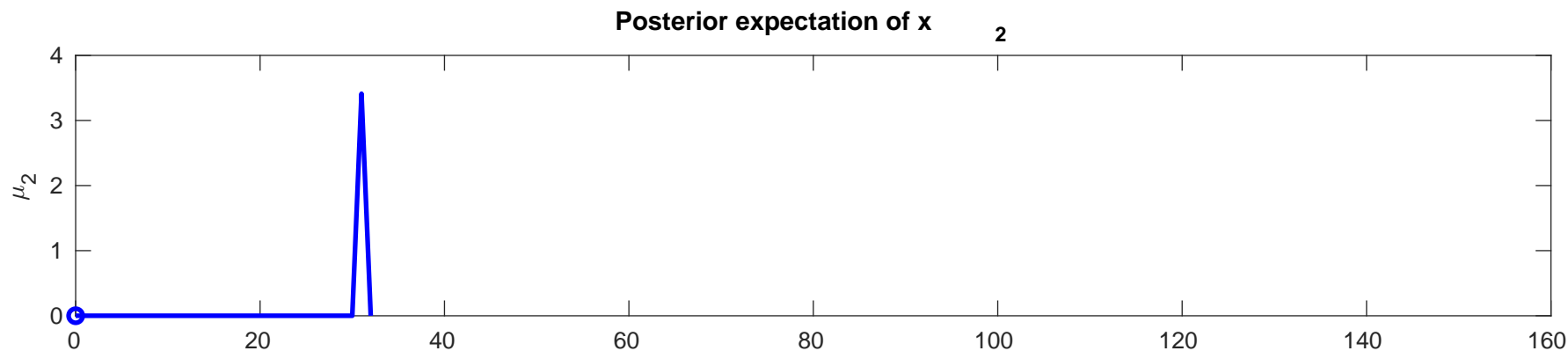
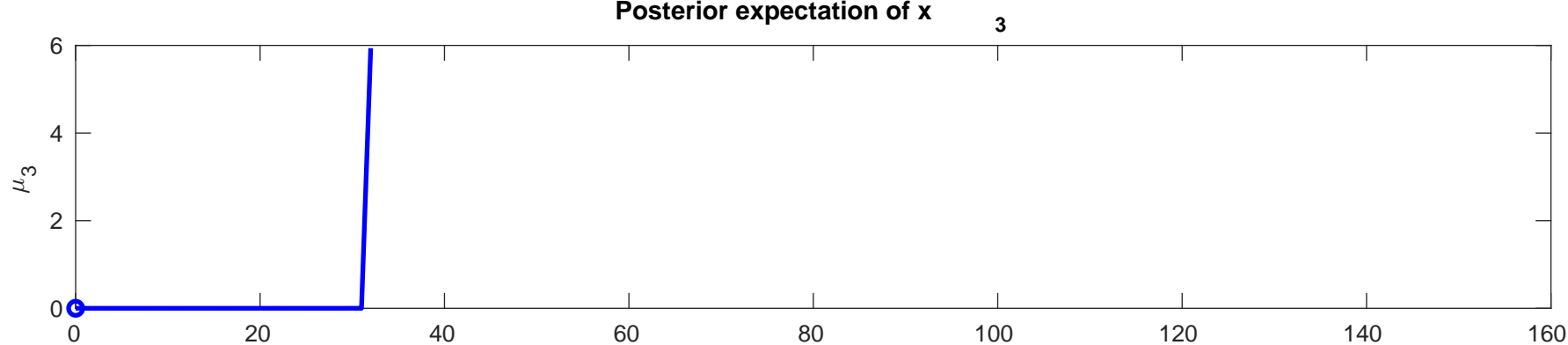
noise y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.58$



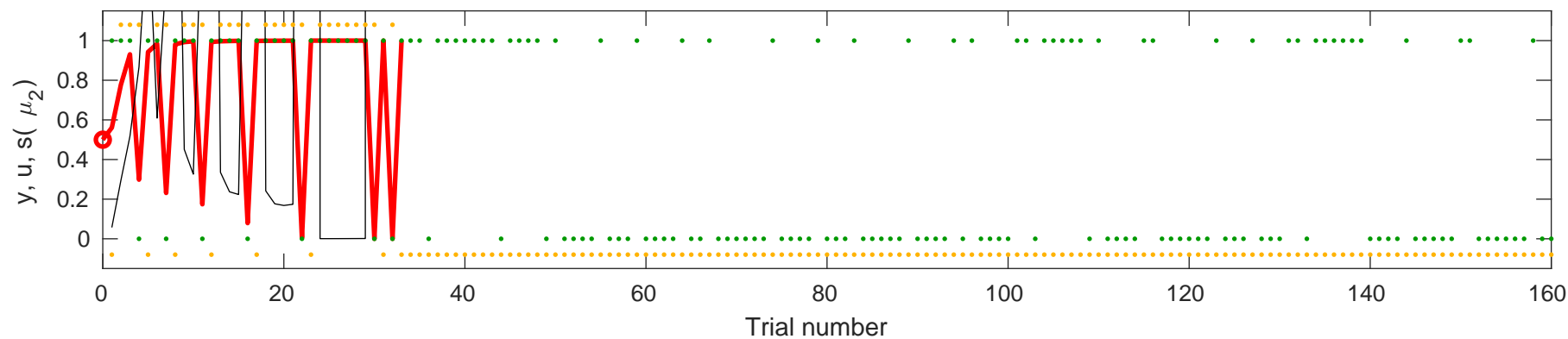


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.8021$



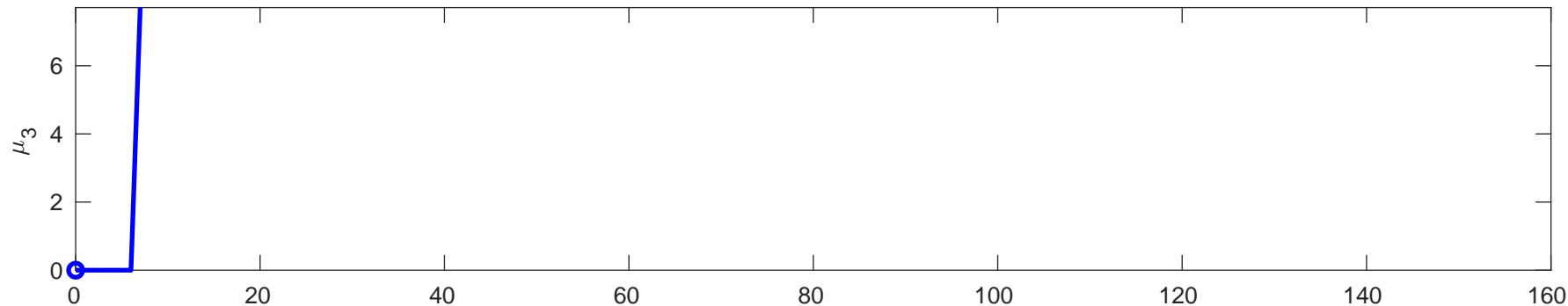


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=0.76638$



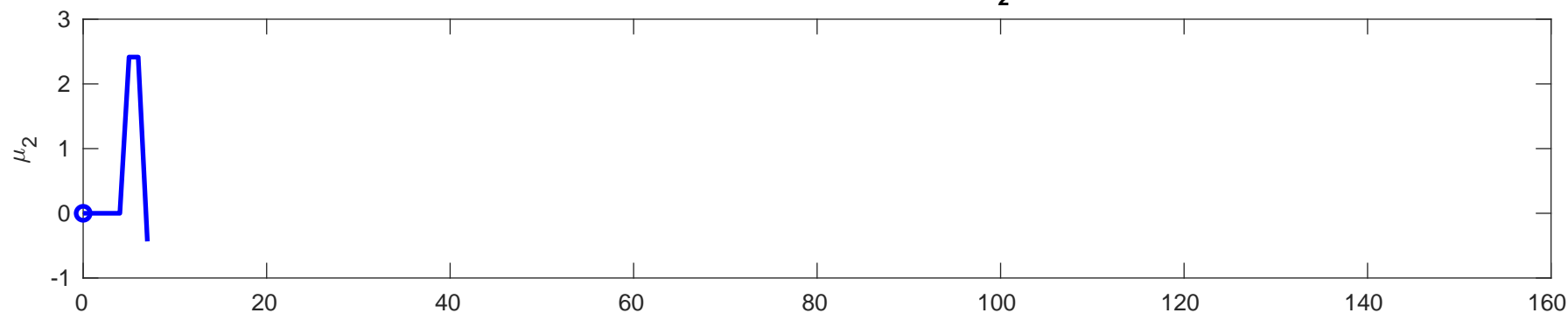
Posterior expectation of x

3

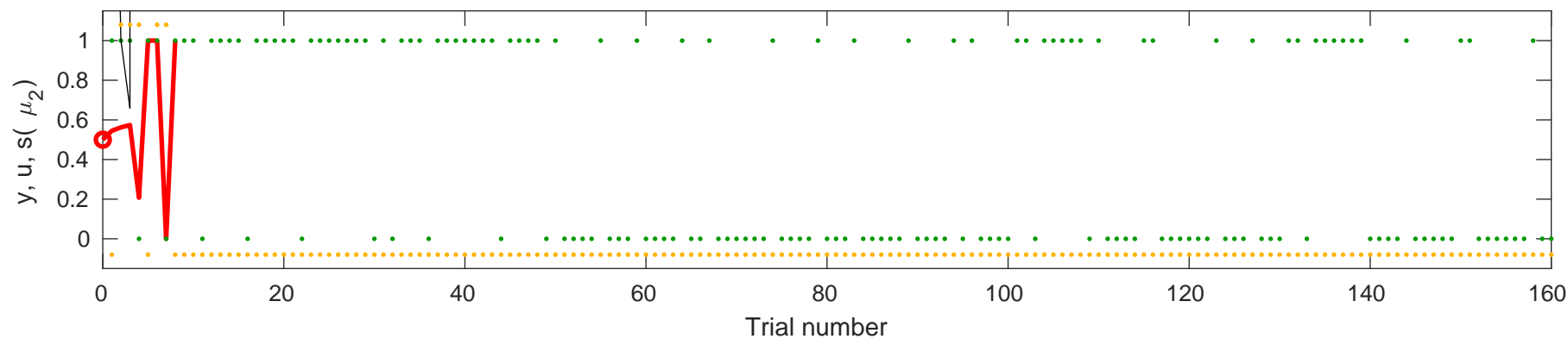


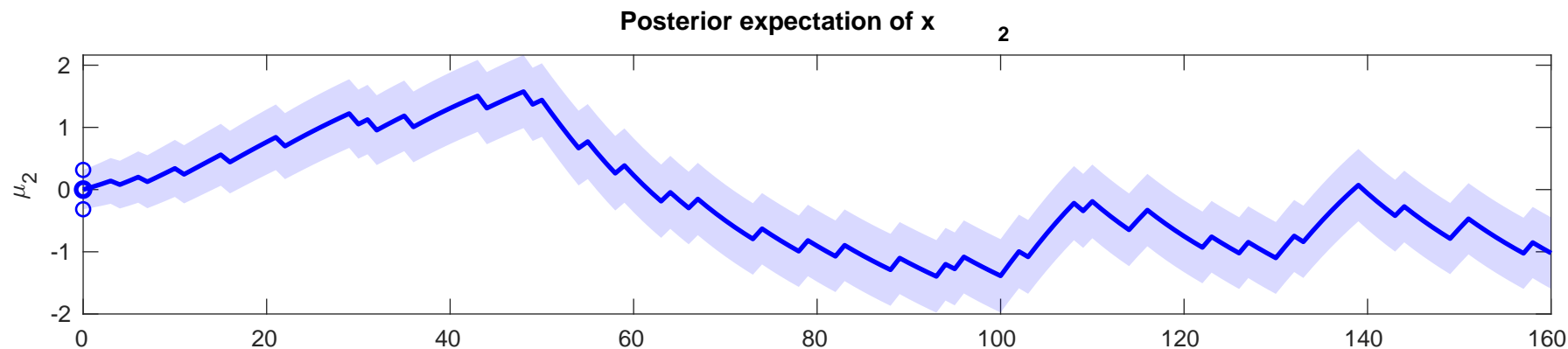
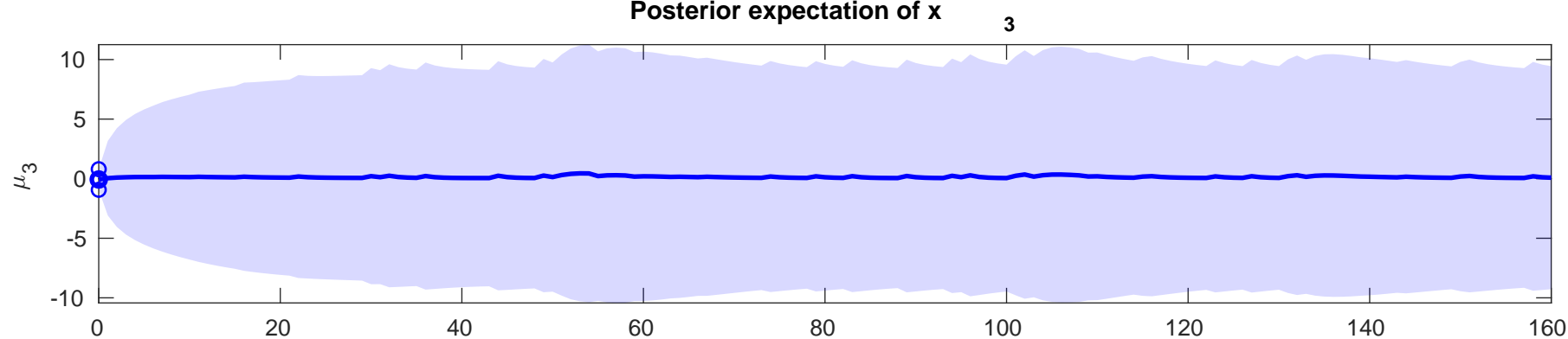
Posterior expectation of x

2

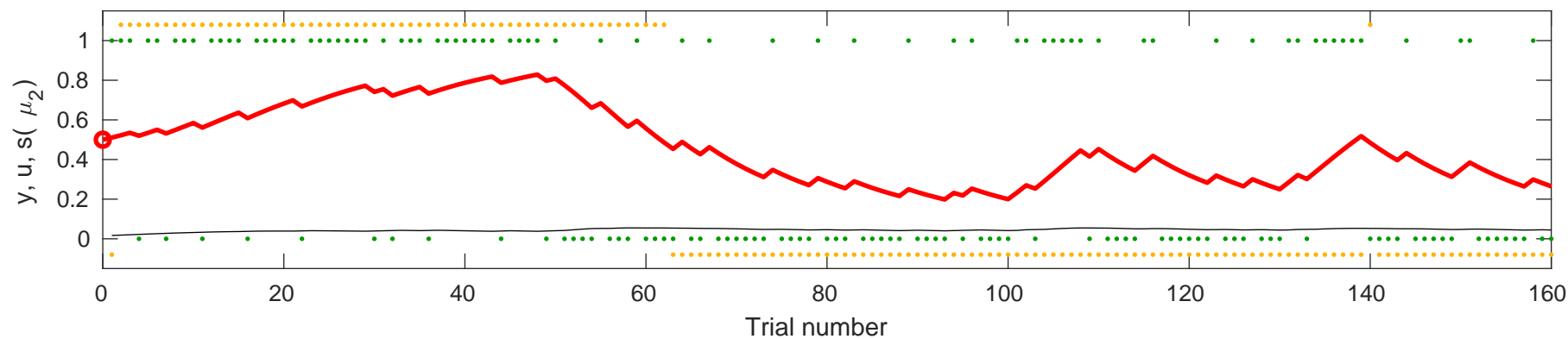


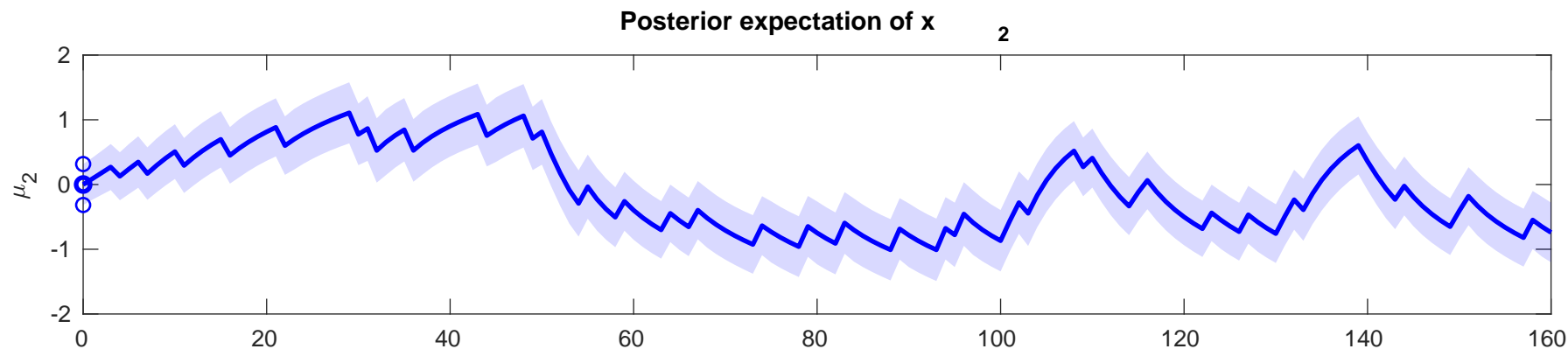
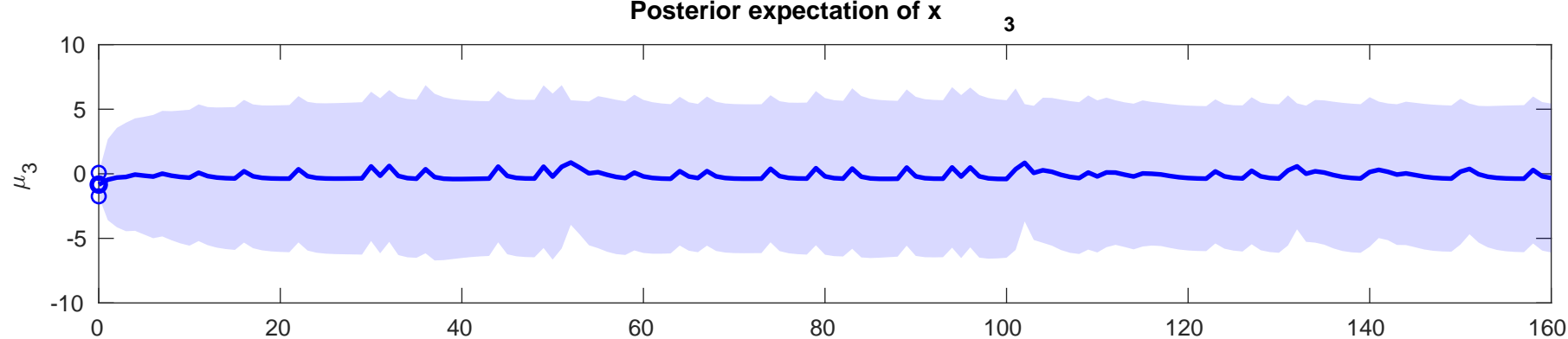
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=1.5503$



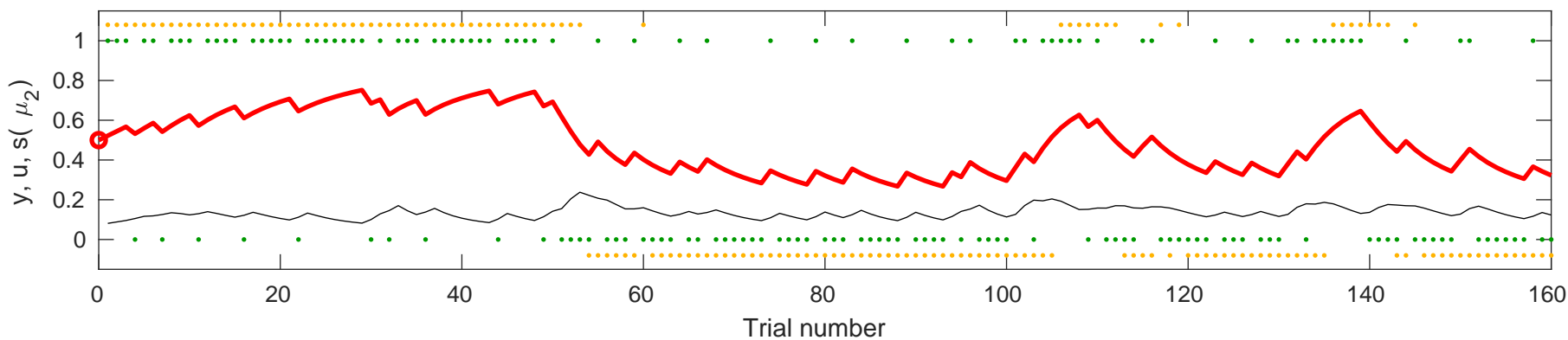


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.2901$



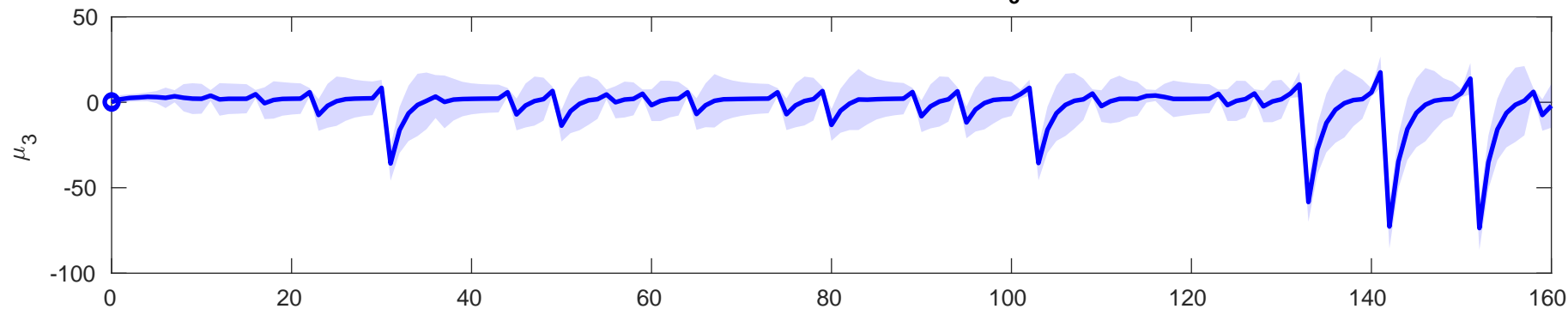


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.4433$

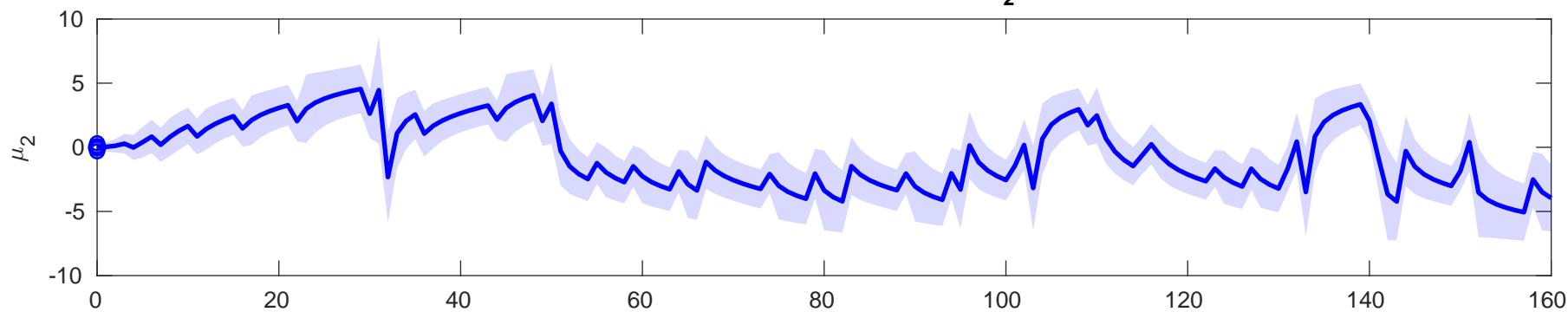
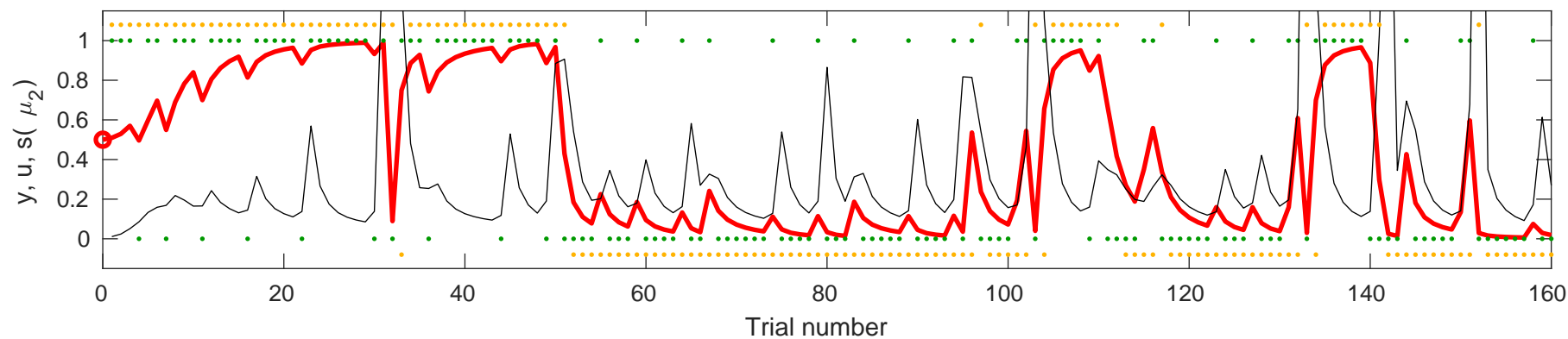


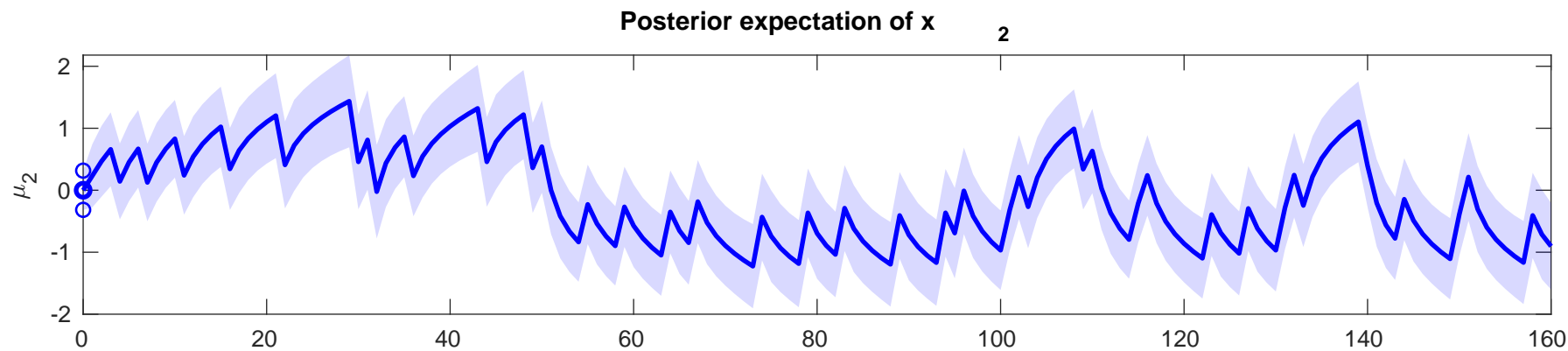
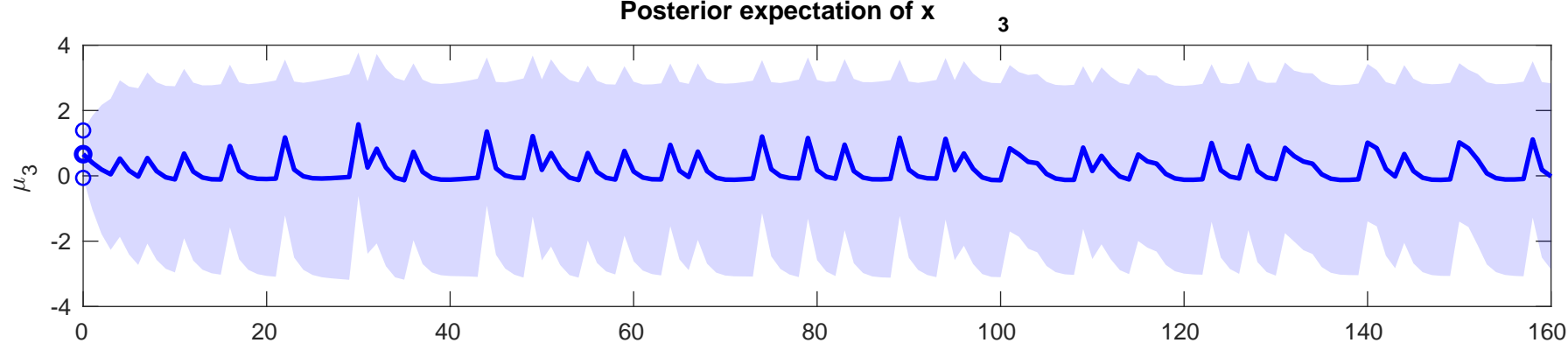
Posterior expectation of x

3

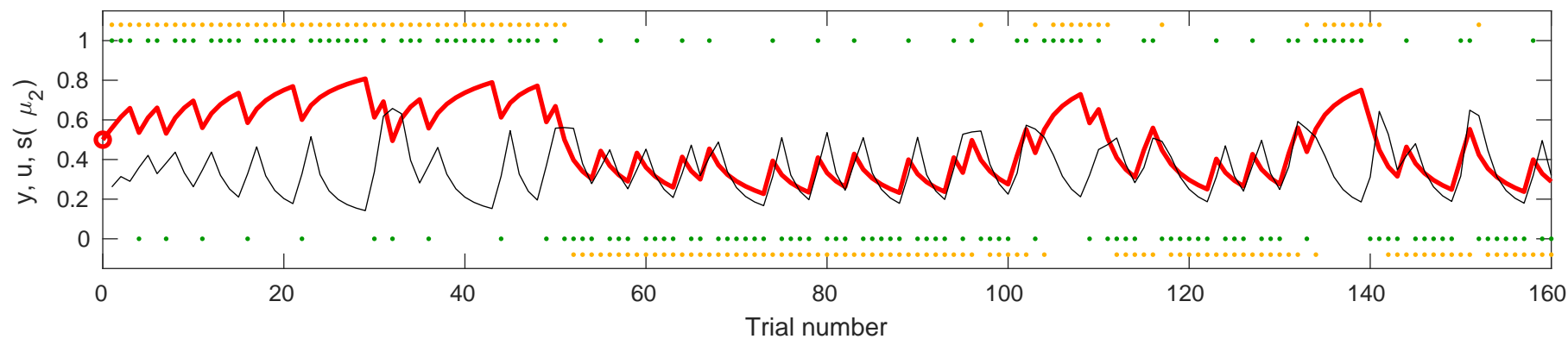
Posterior expectation of x

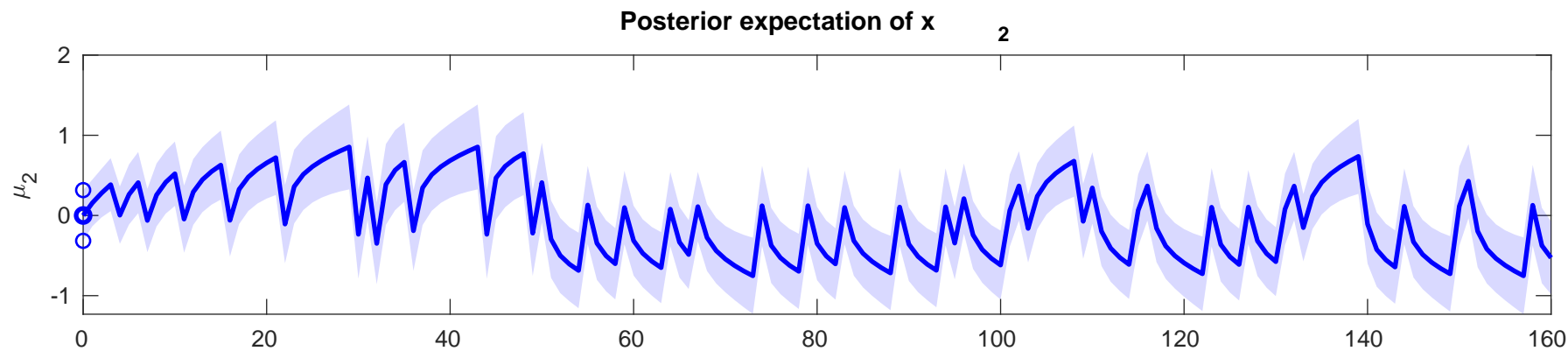
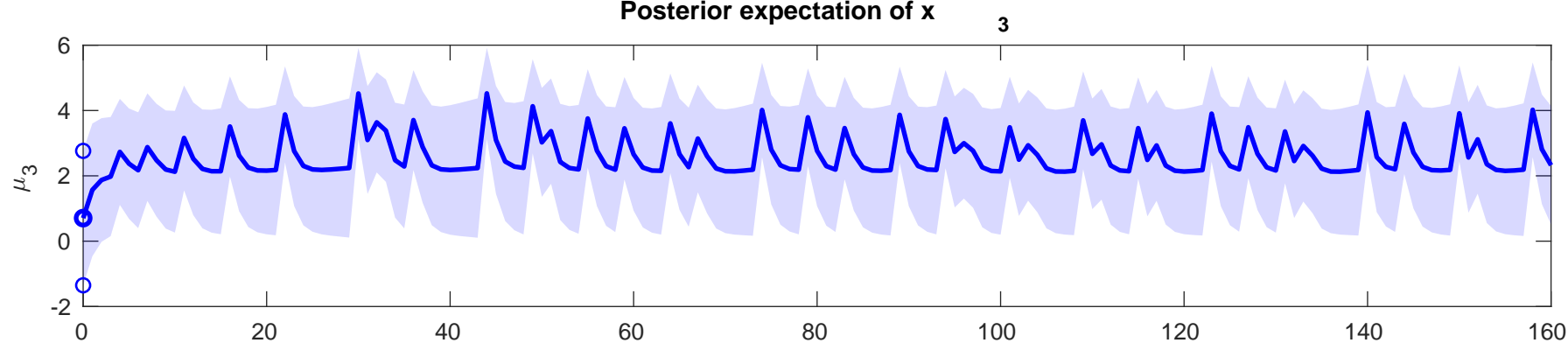
2

se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-3.6155$ 

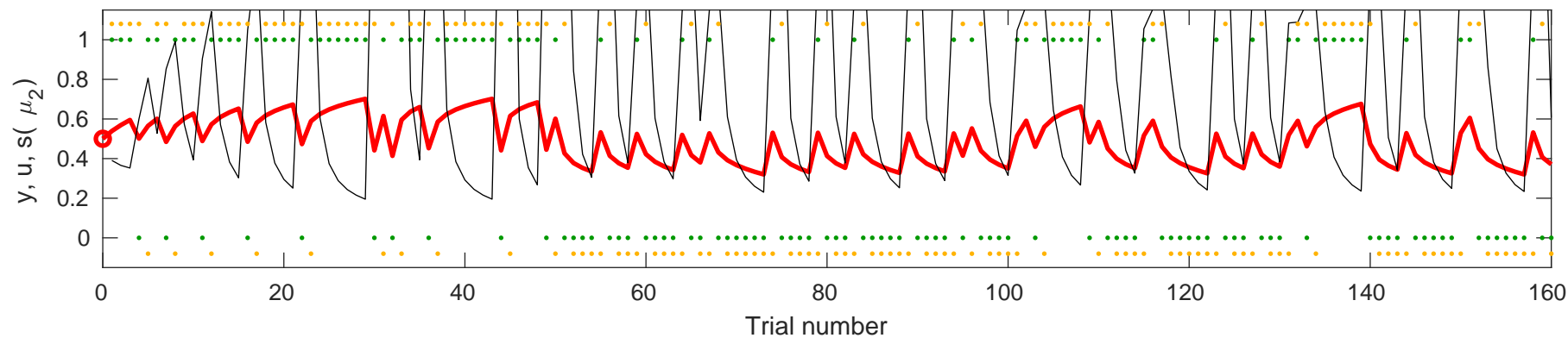


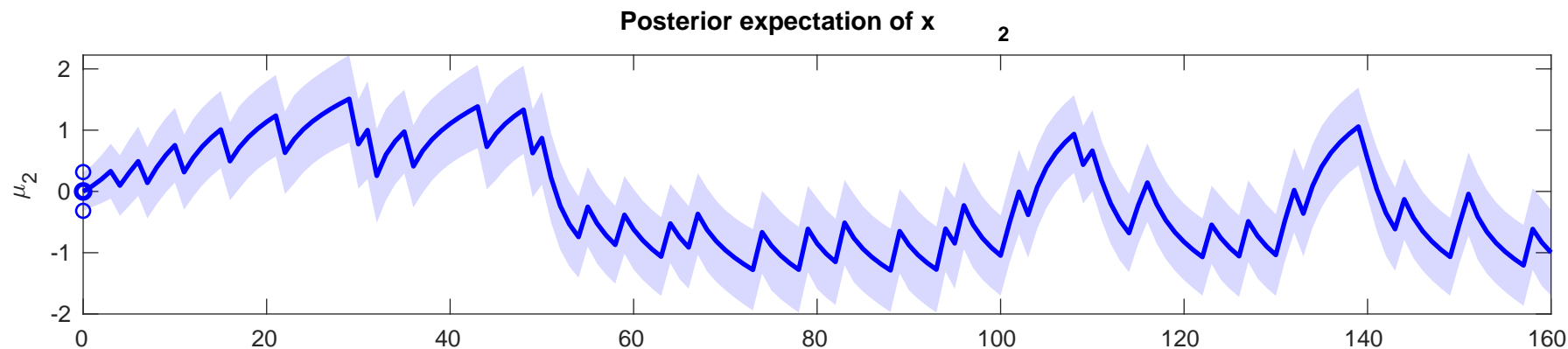
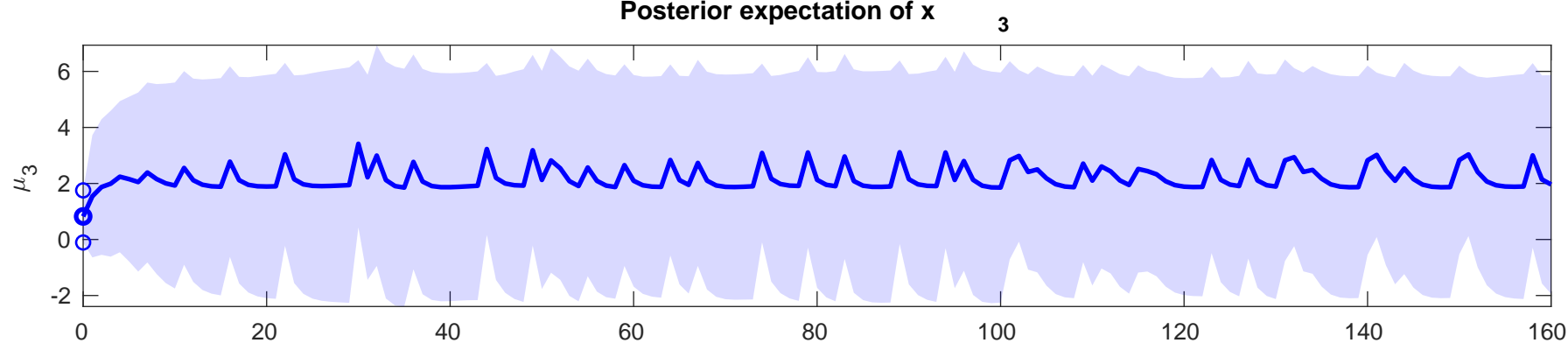
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.1337$



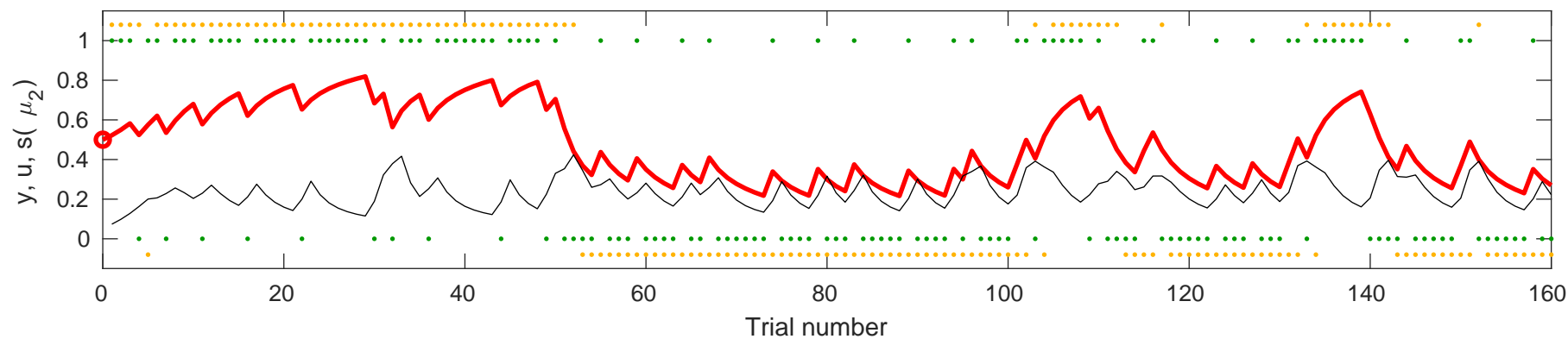


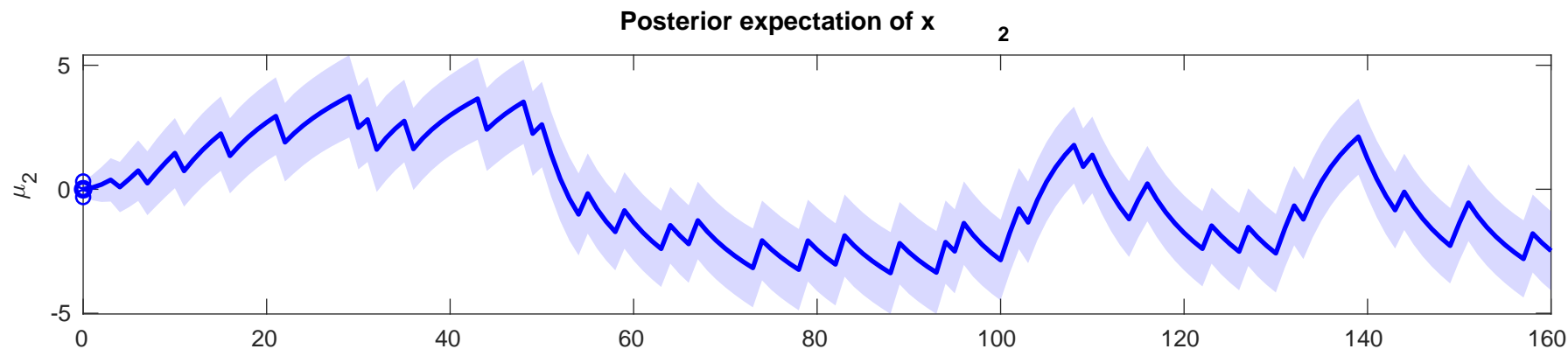
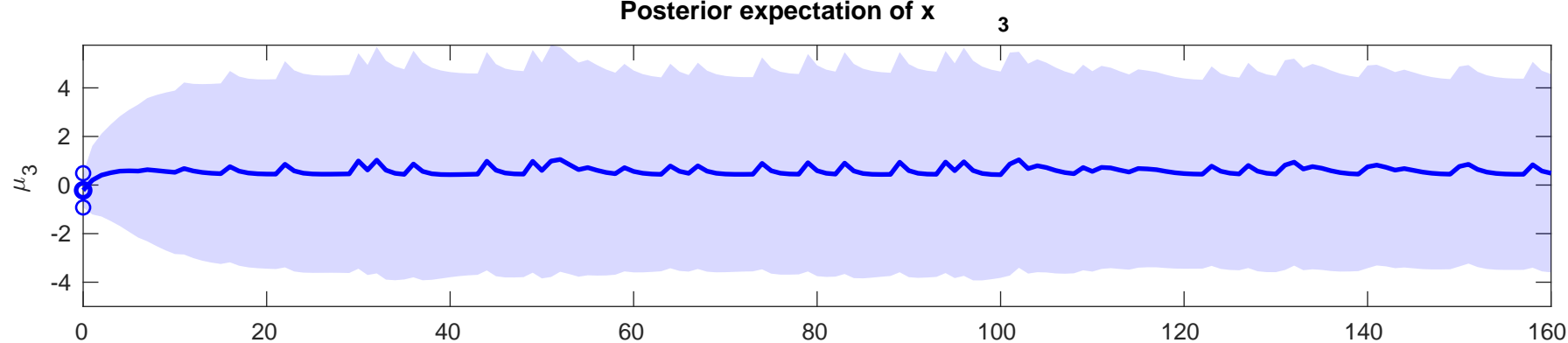
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.6726$



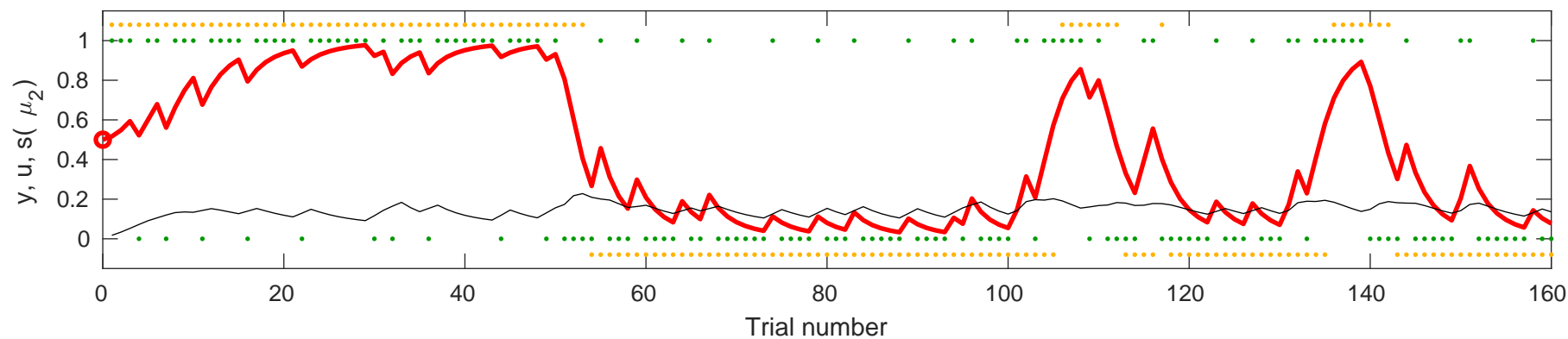


use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-4.486$

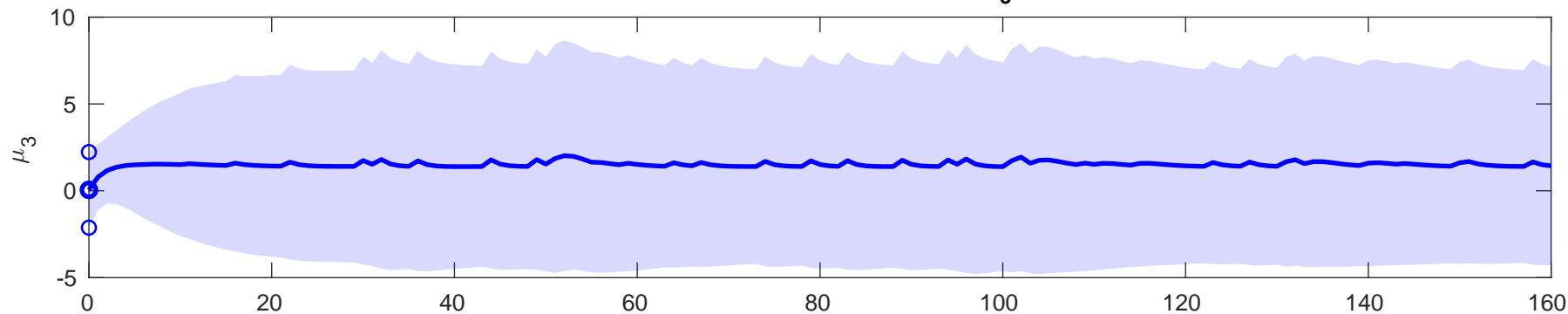




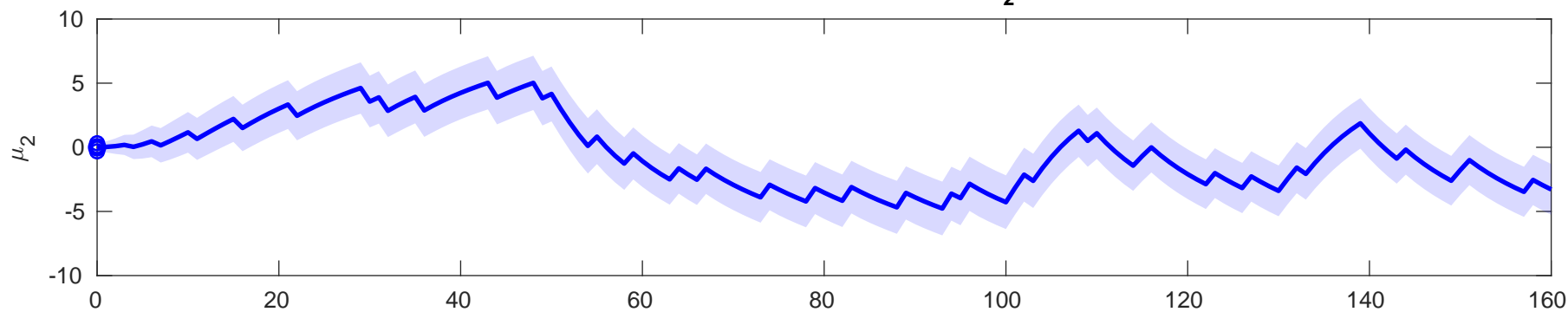
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.579$



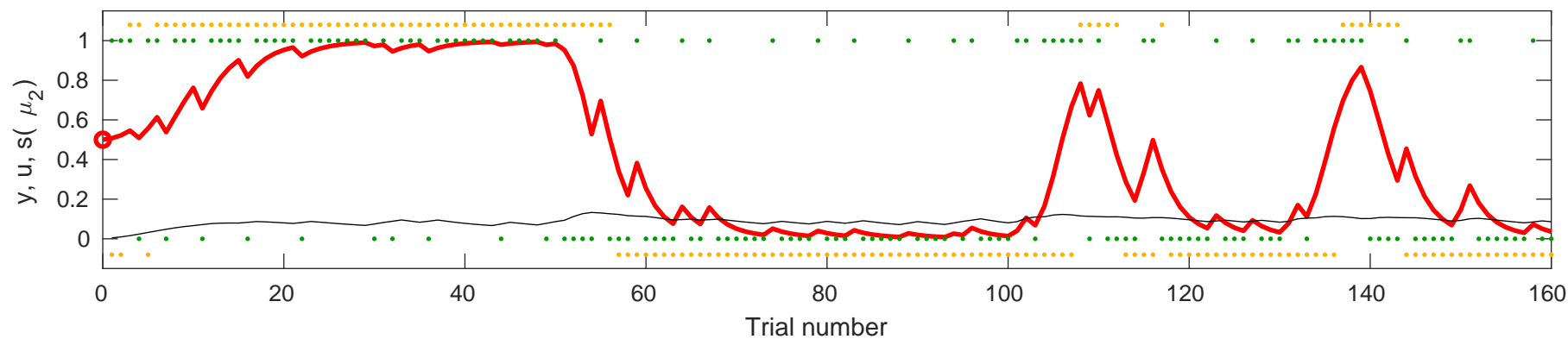
Posterior expectation of x 3

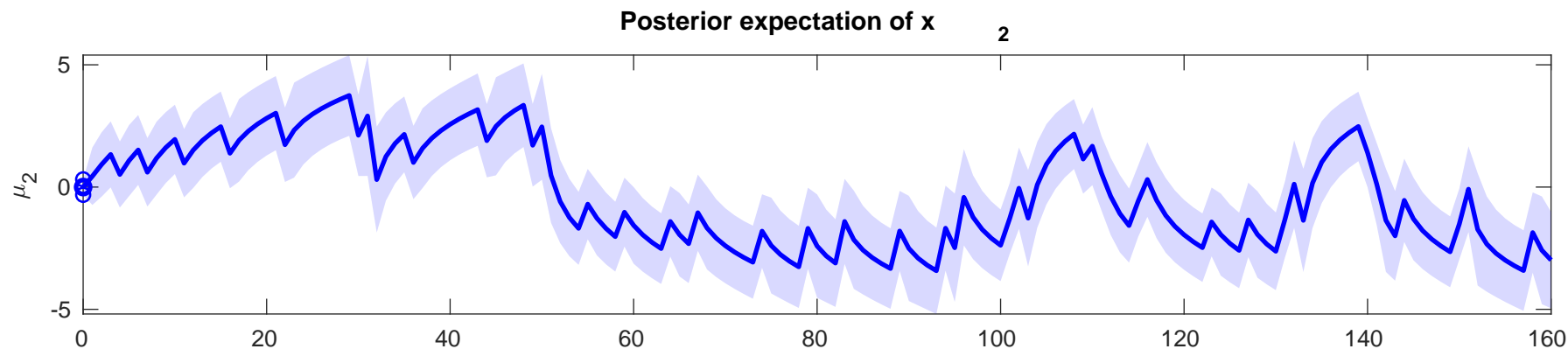
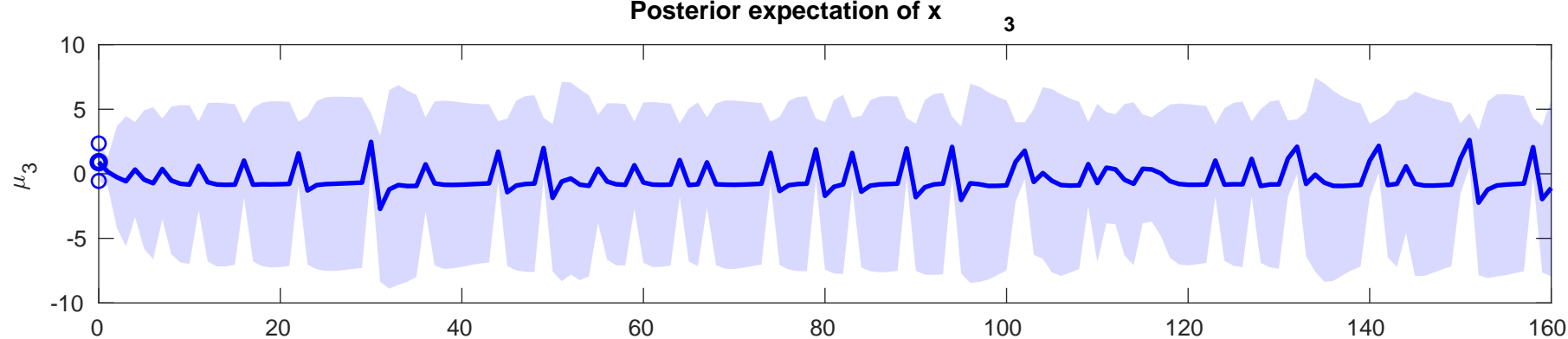


Posterior expectation of x 2

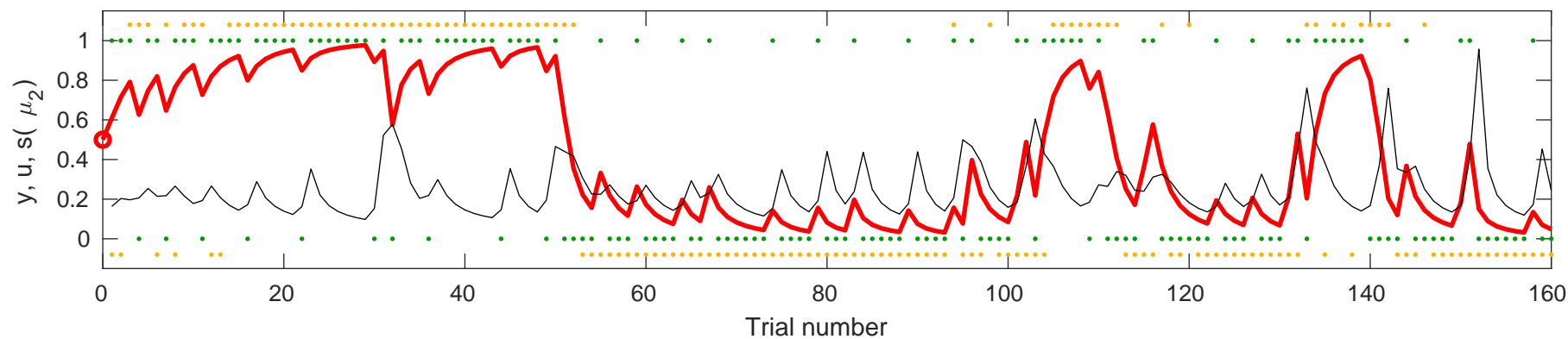


use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-2.505$



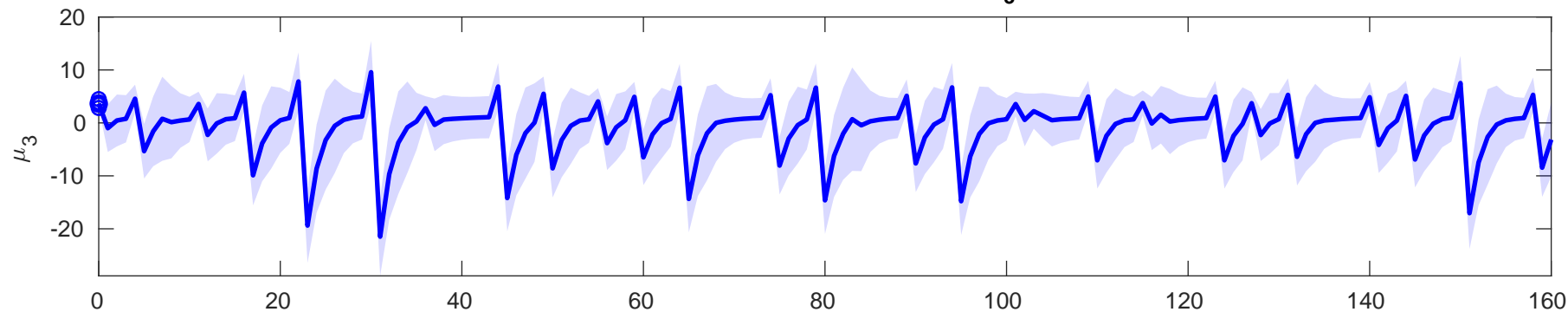


the y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-0.48569$

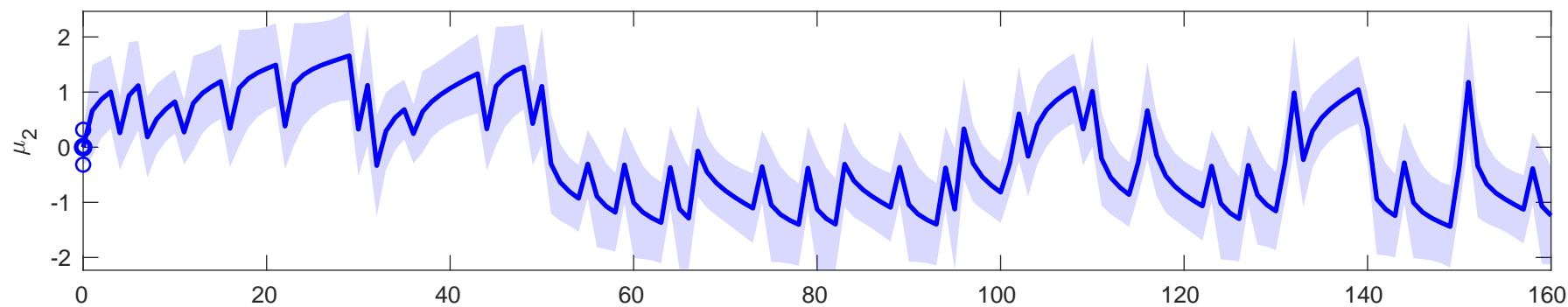


Posterior expectation of x

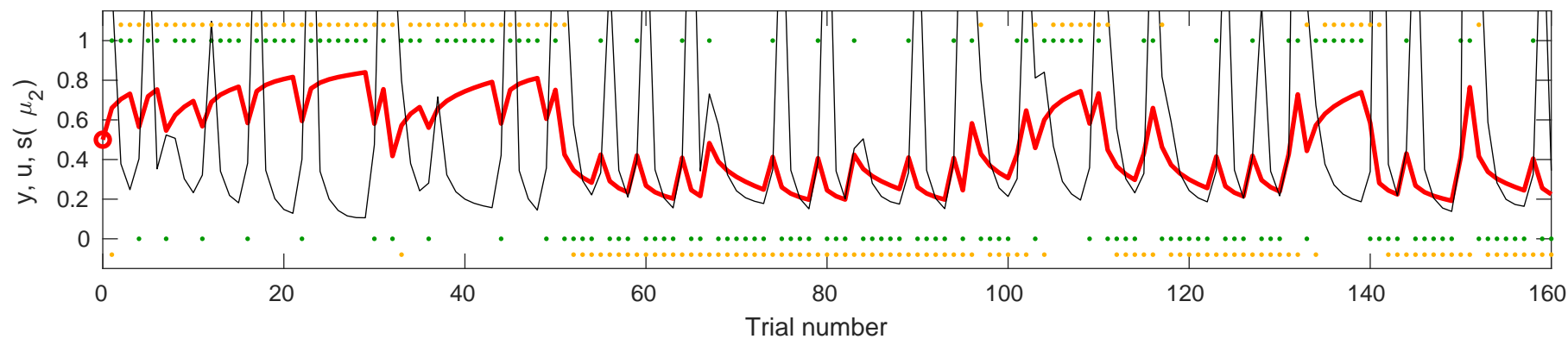
3

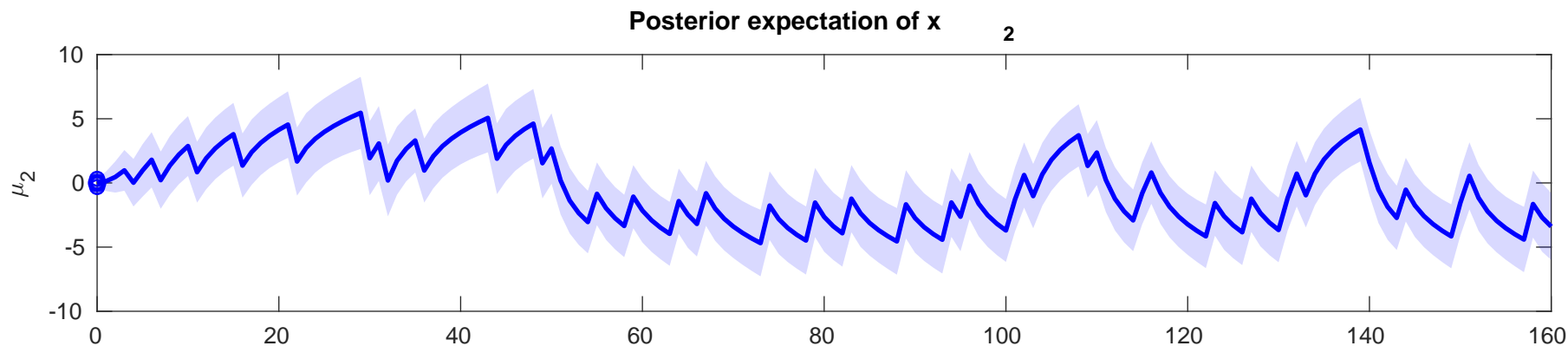
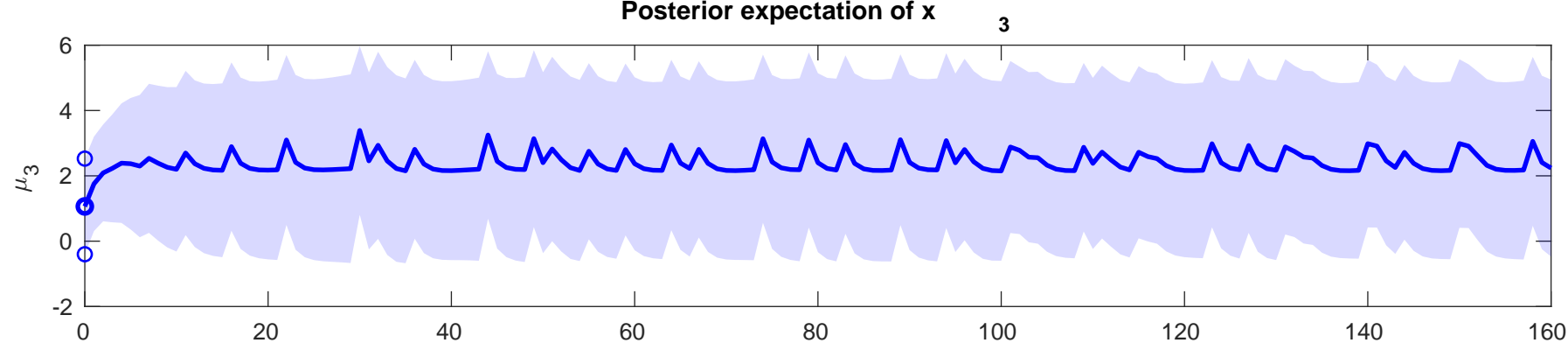
Posterior expectation of x

2

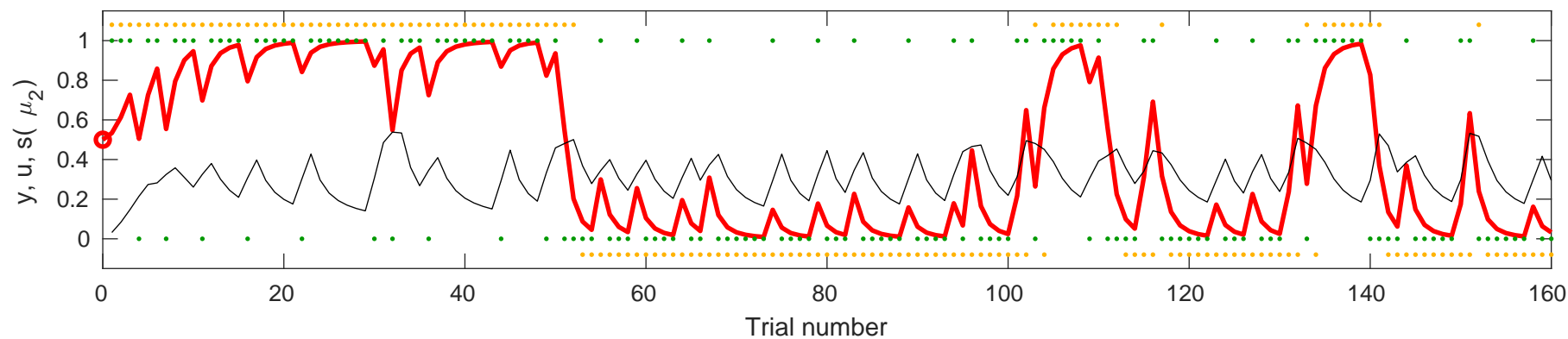


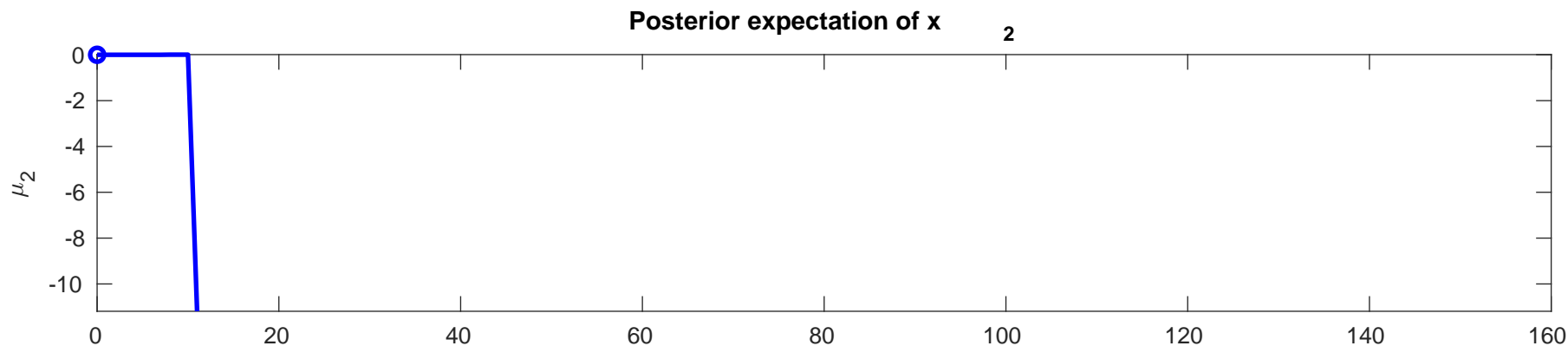
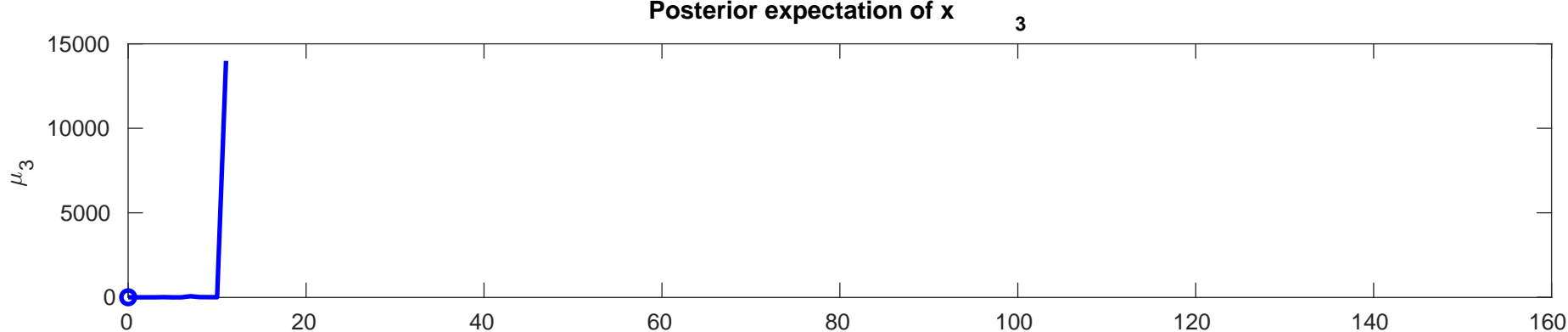
Plot of the output y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.0644$



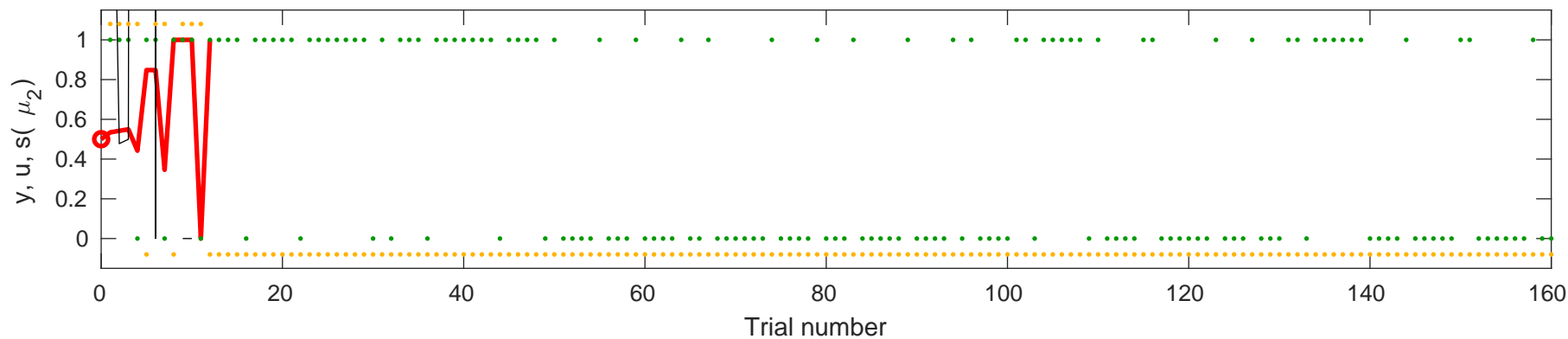


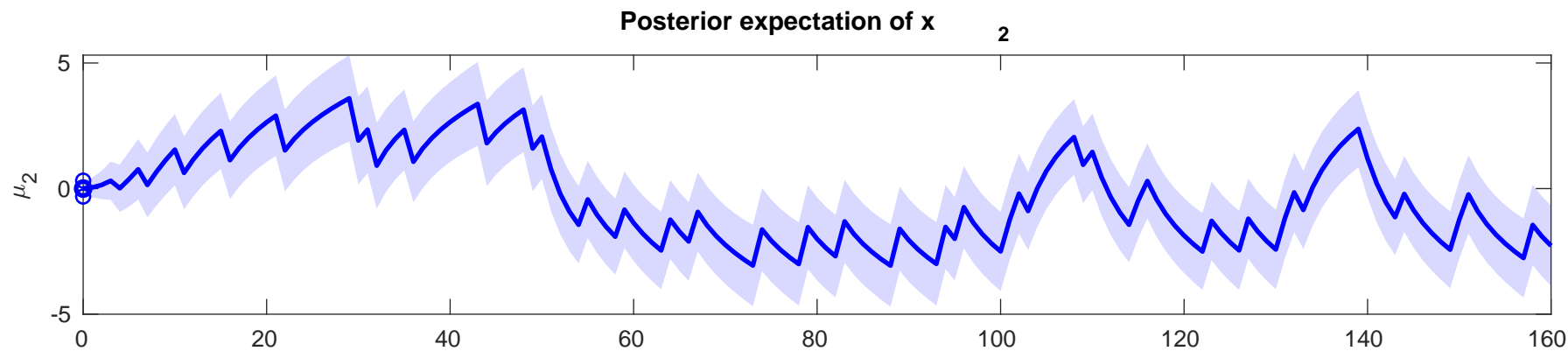
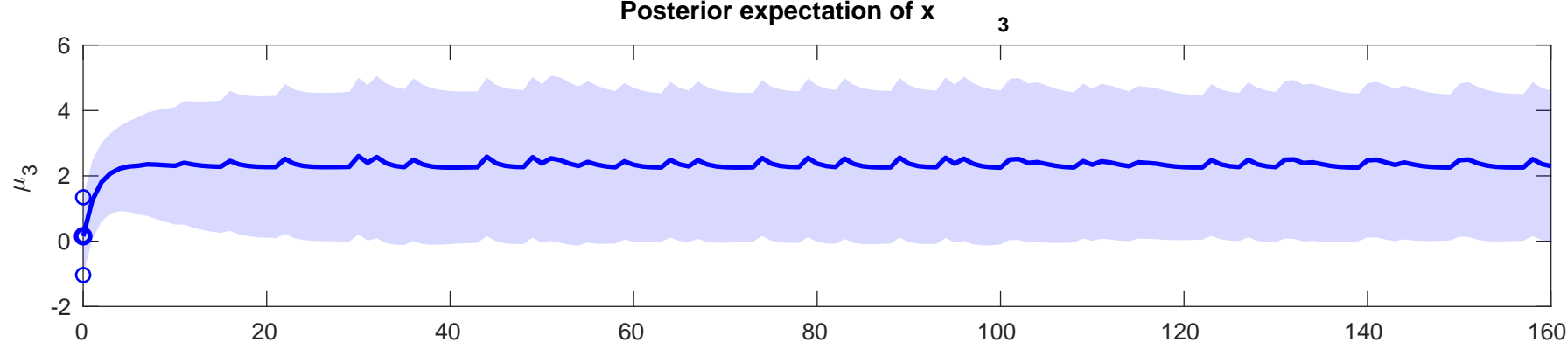
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.7414$



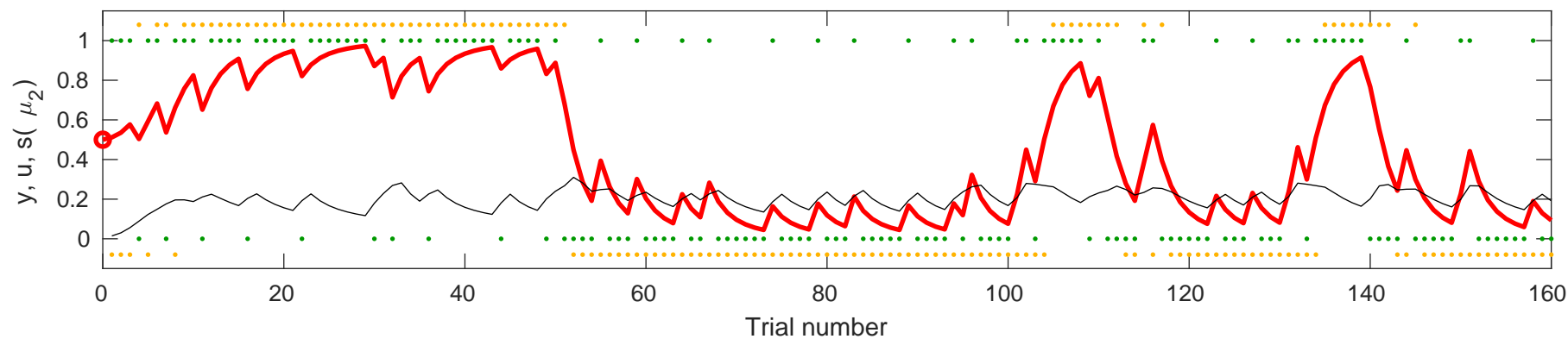


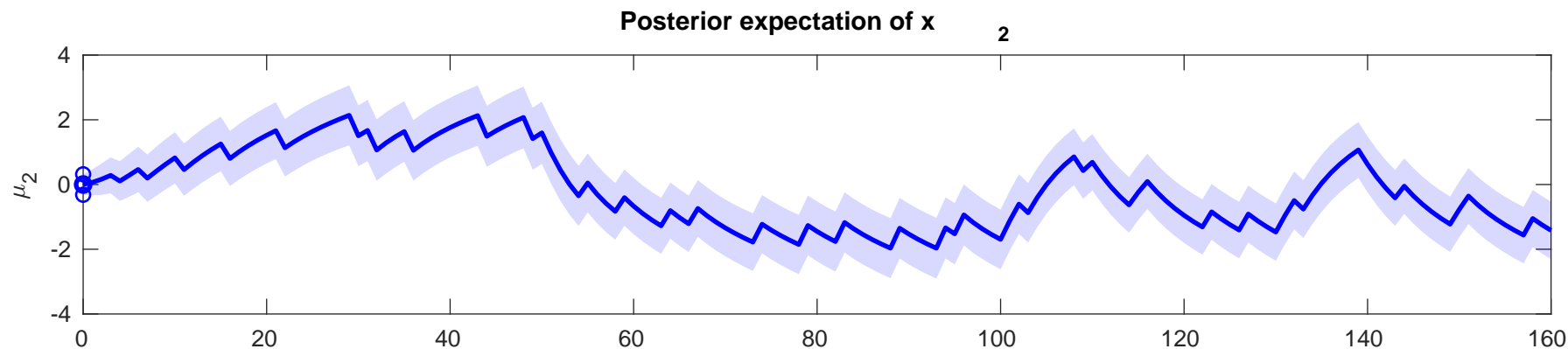
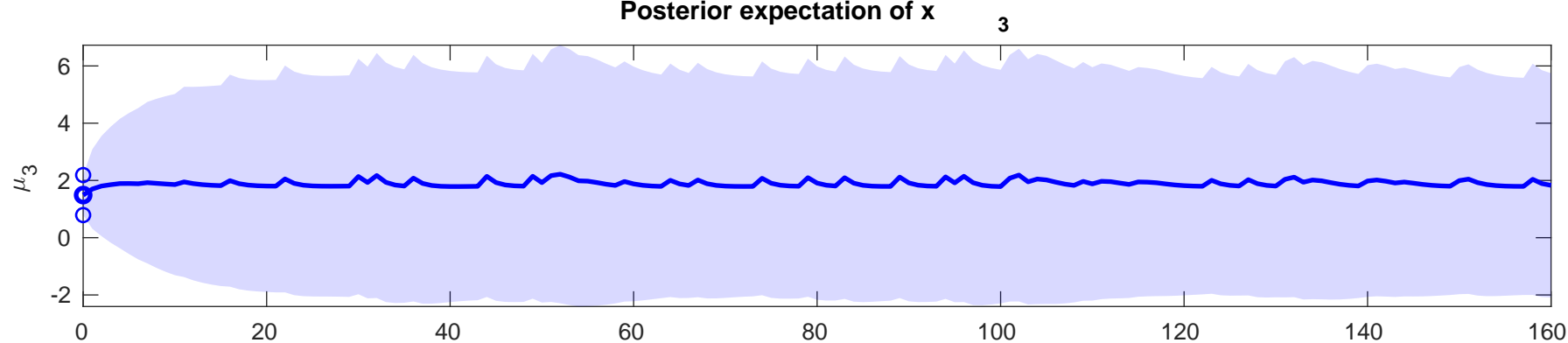
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.2401$



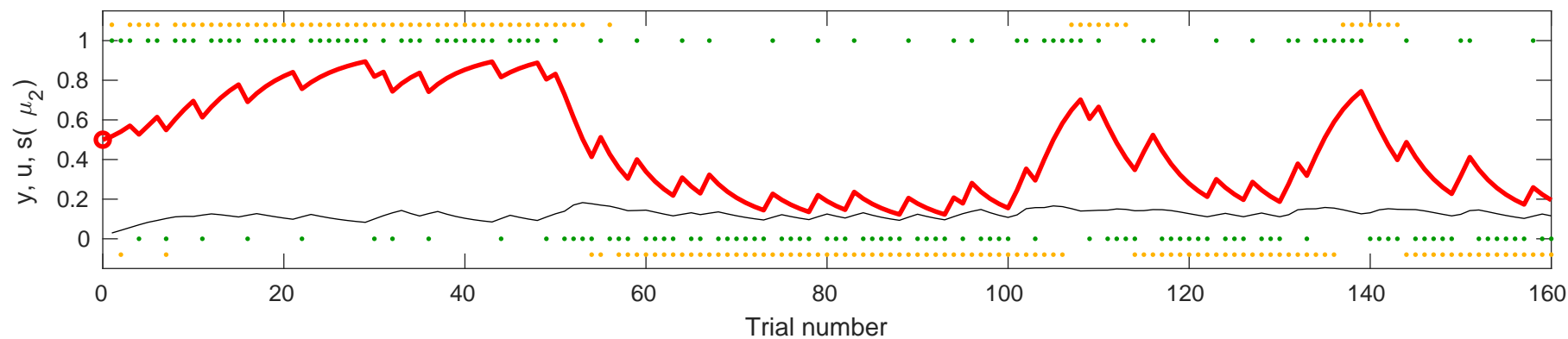


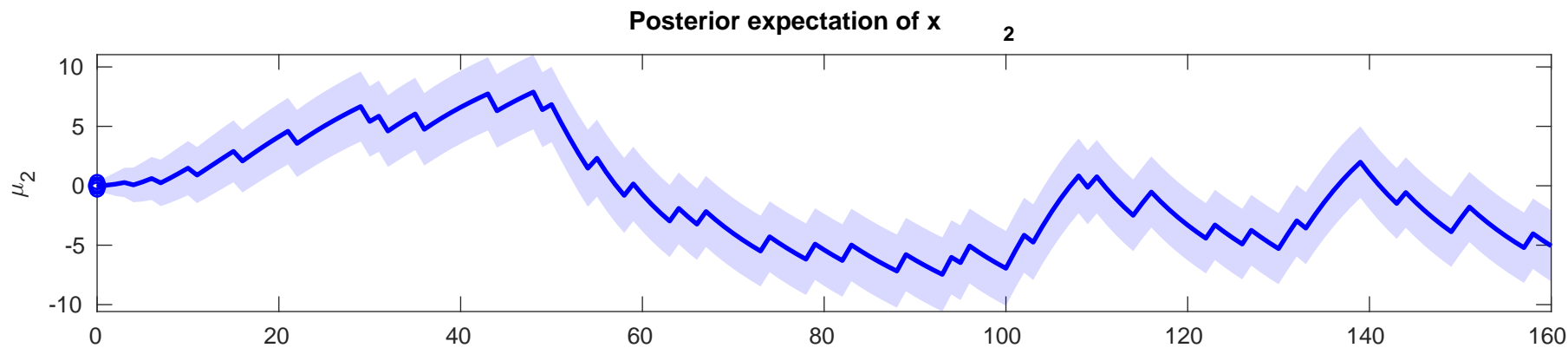
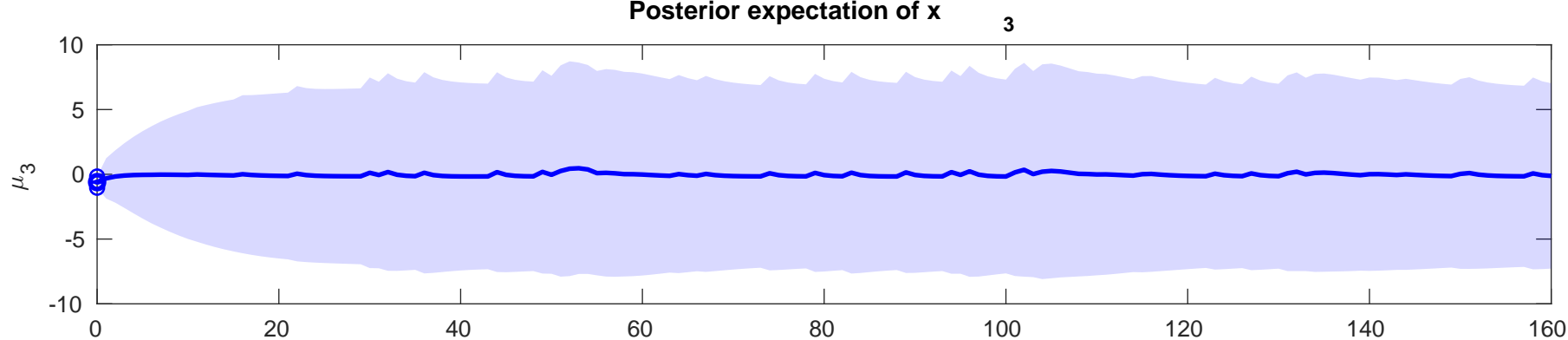
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.0208$



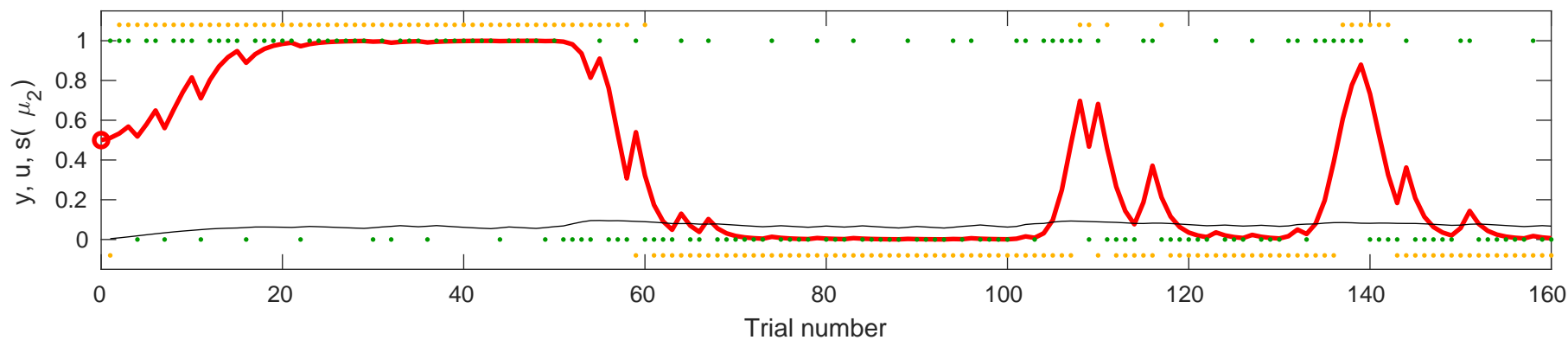


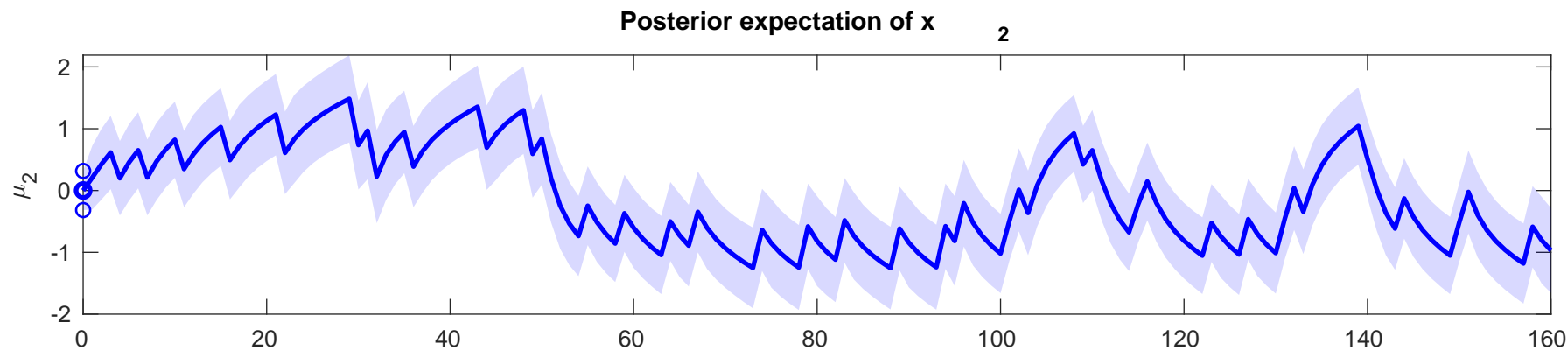
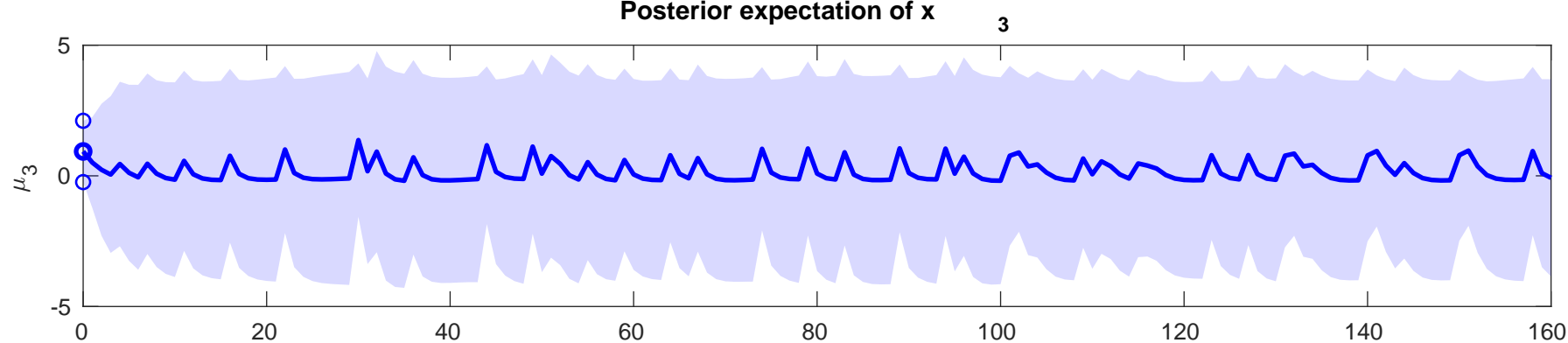
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-4.1974$



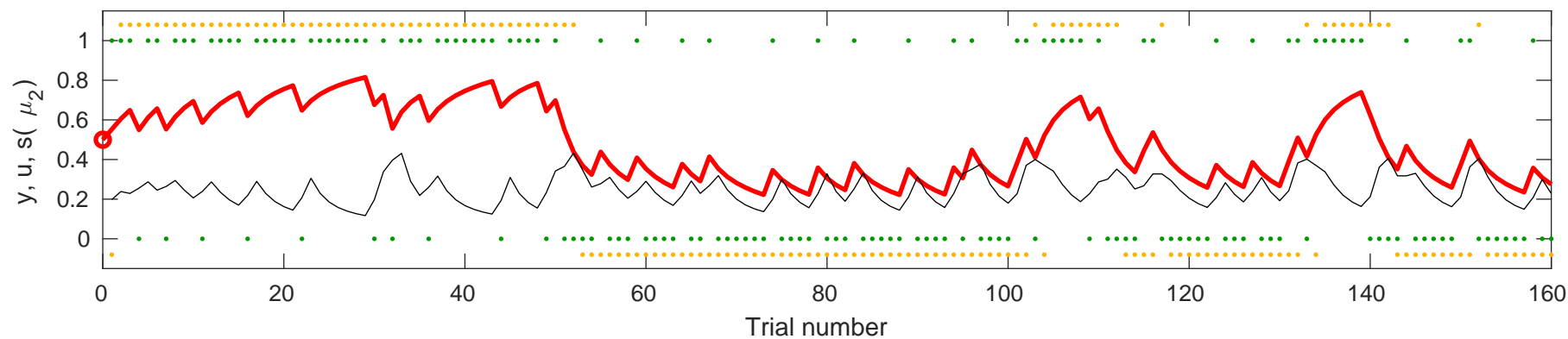


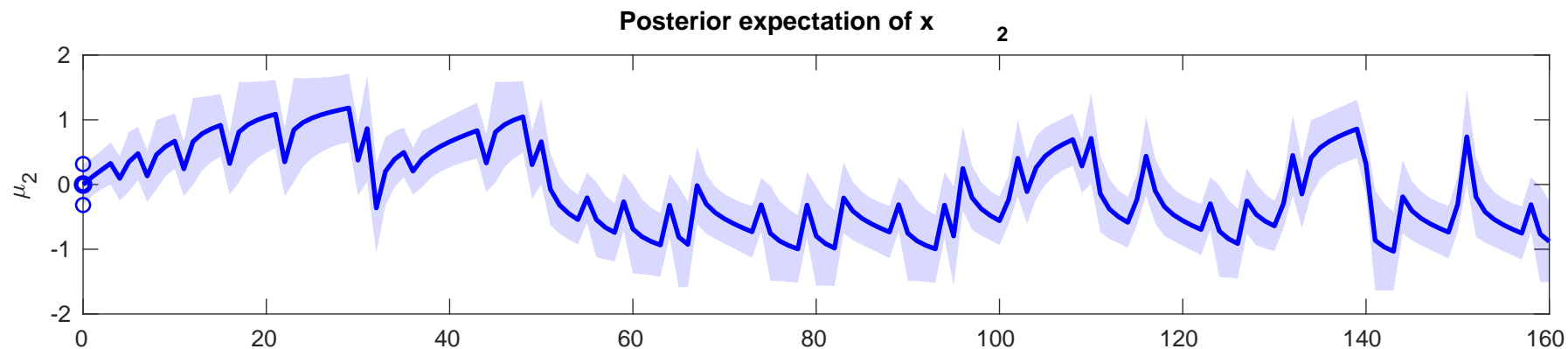
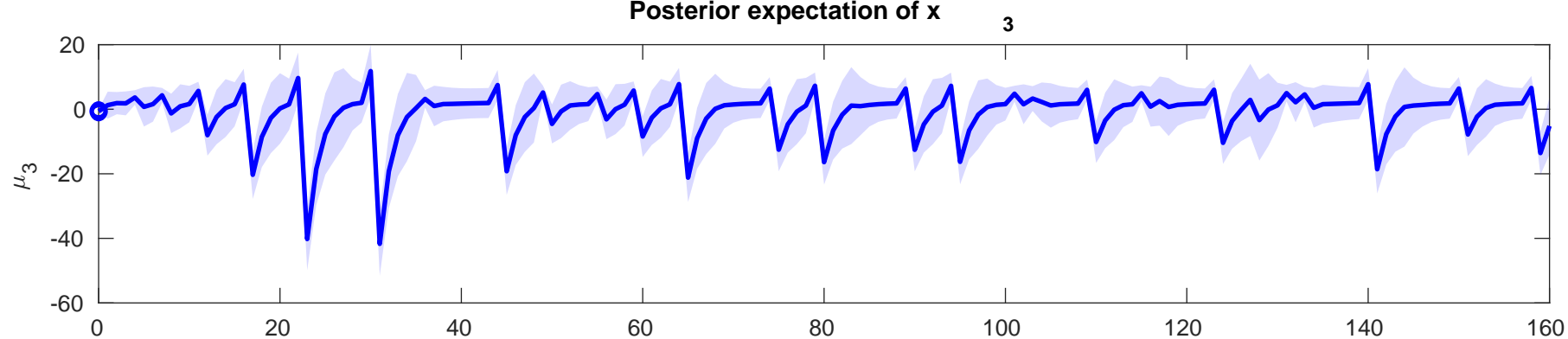
Output y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-0.36987$



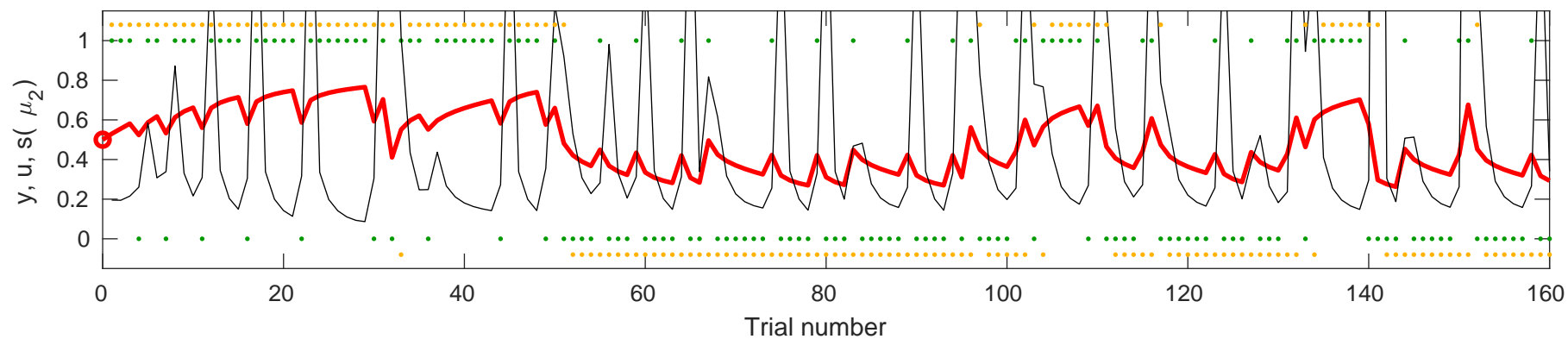


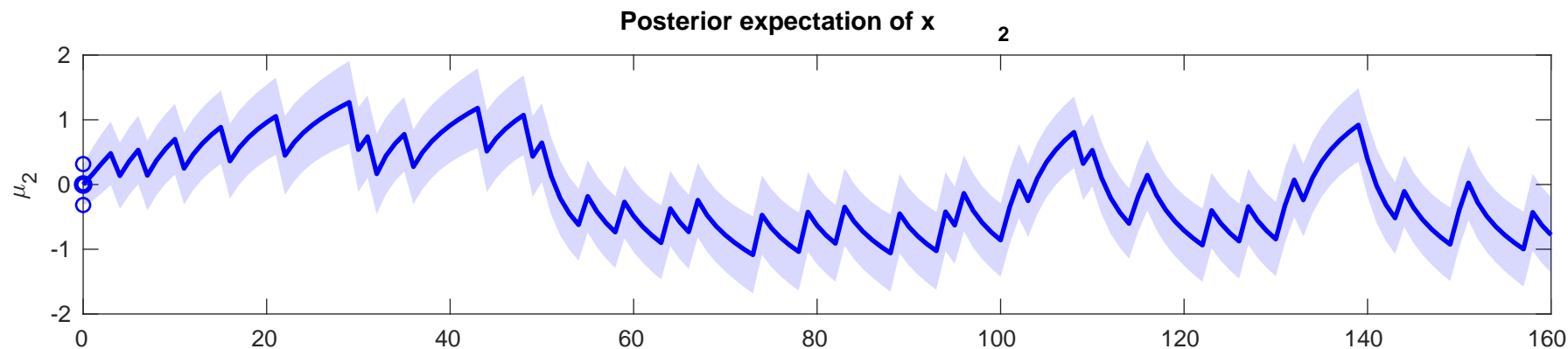
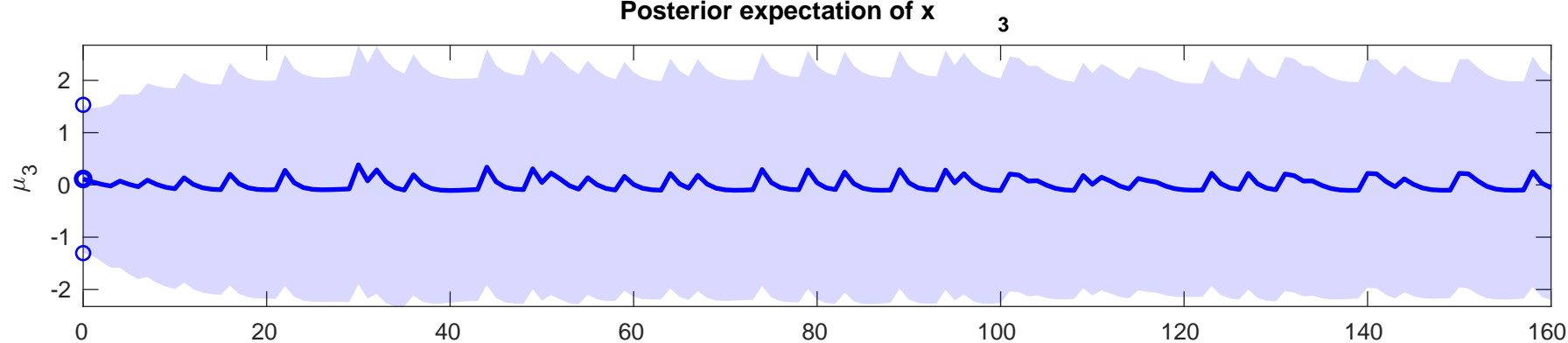
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.4469$



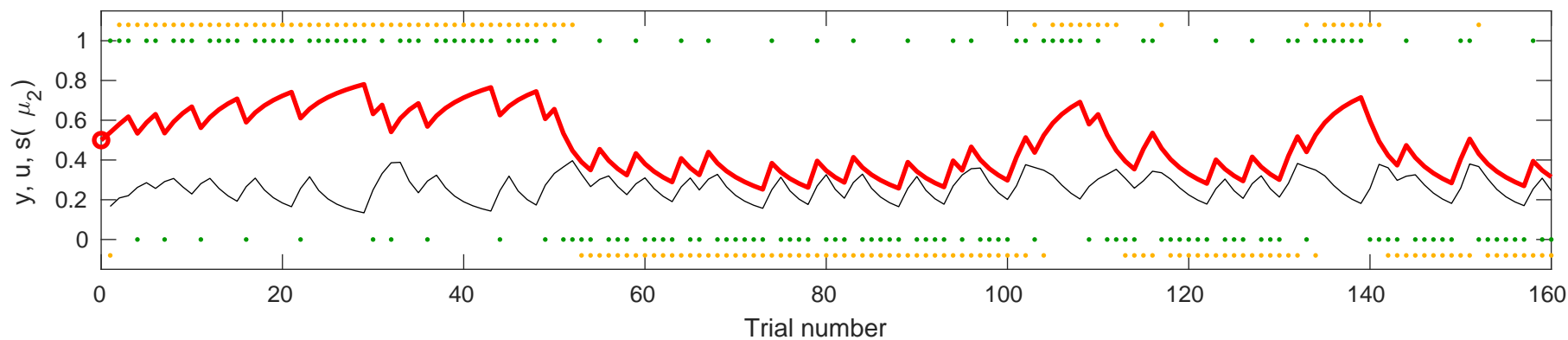


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.0714$



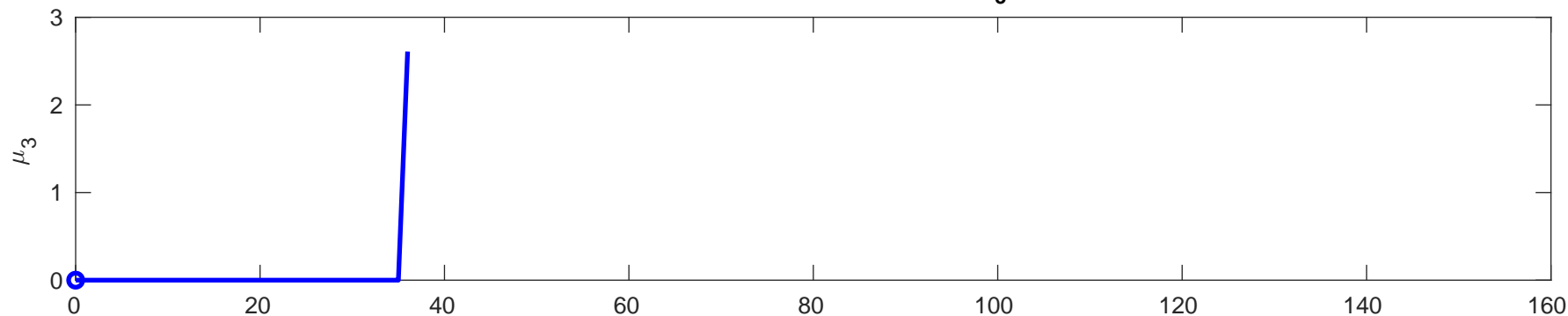


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.468$.



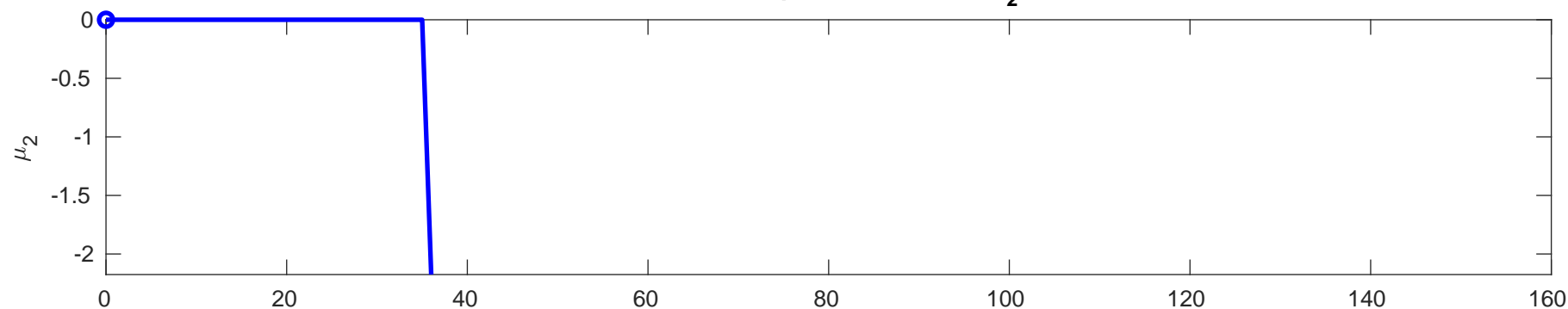
Posterior expectation of x

3

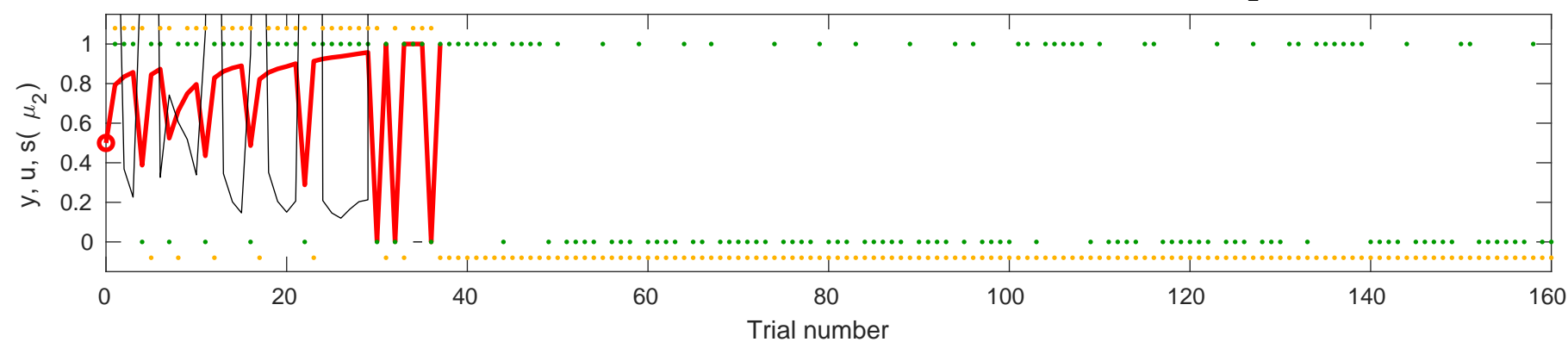


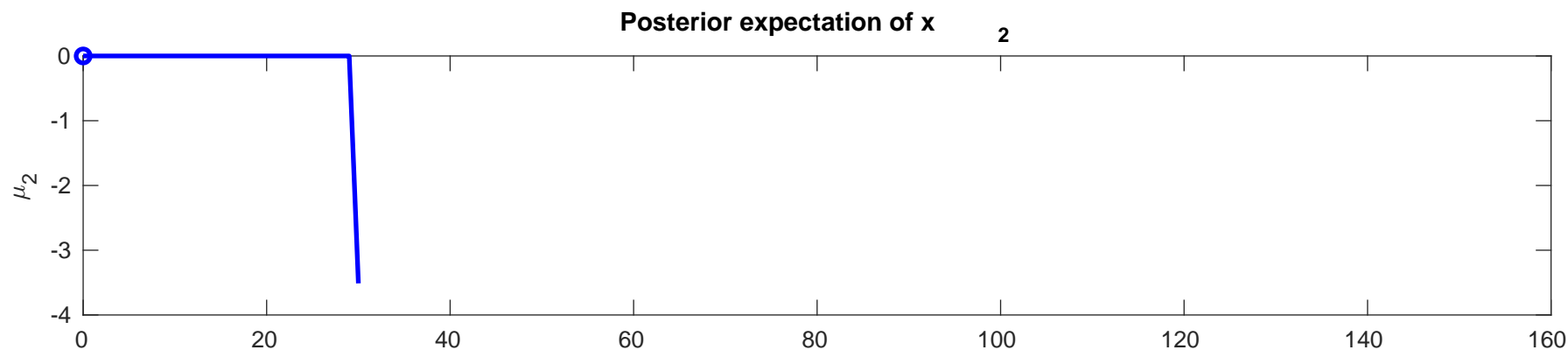
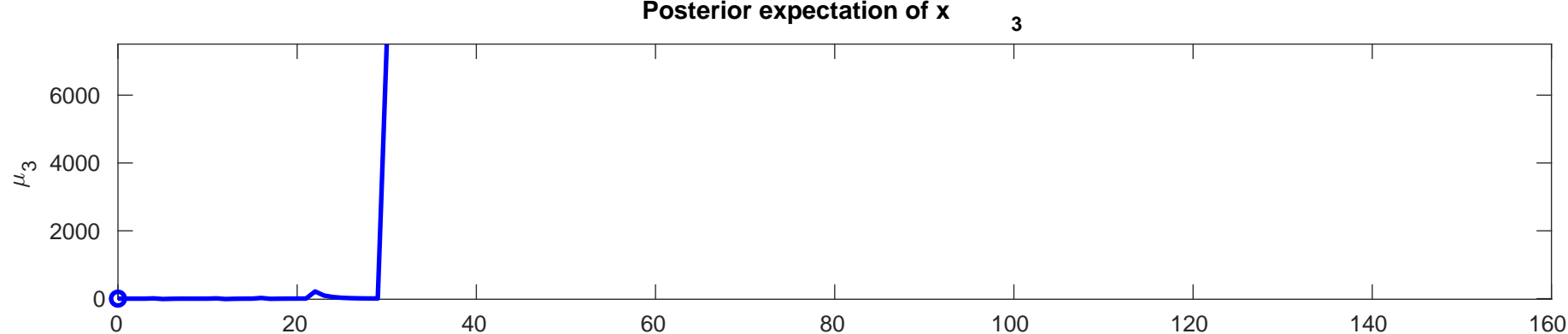
Posterior expectation of x

2

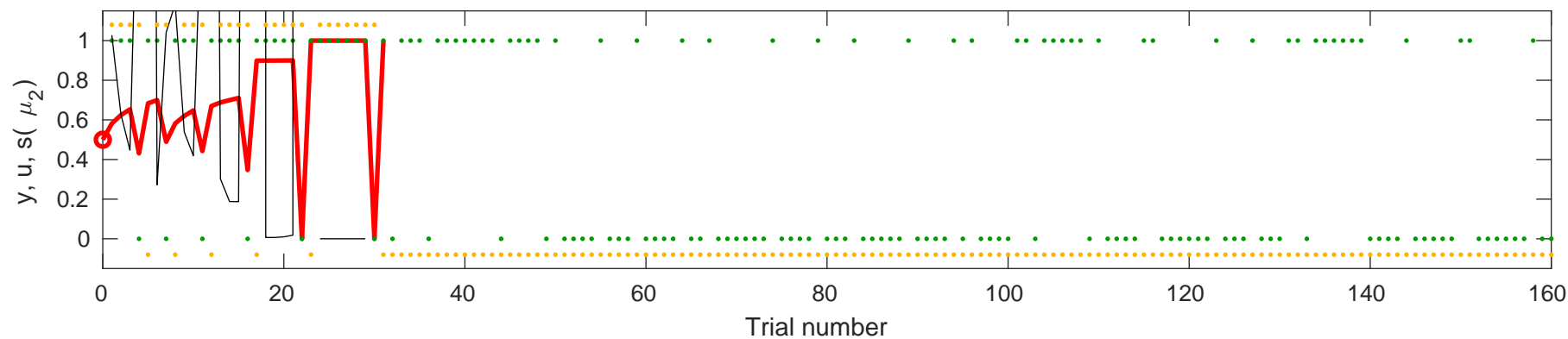


Posterior expectation of y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=1.2249$



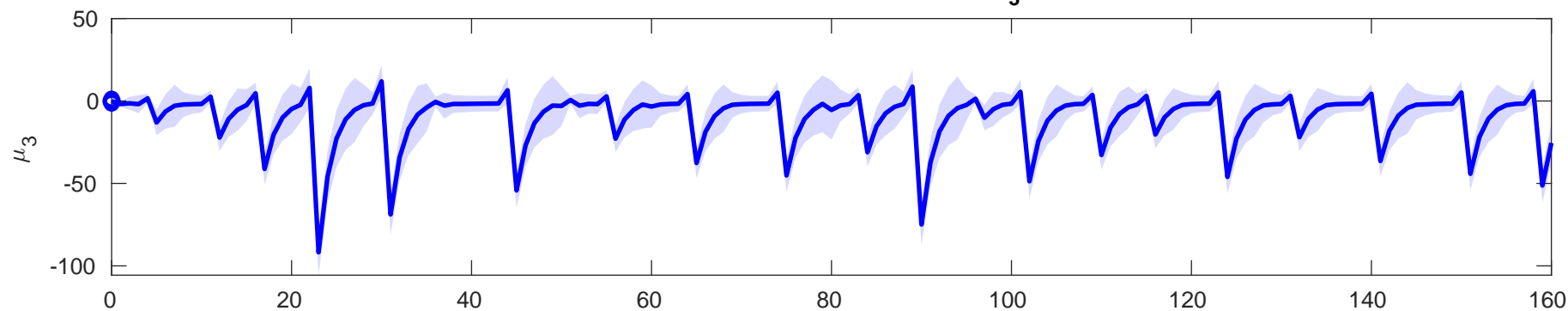


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.0036$



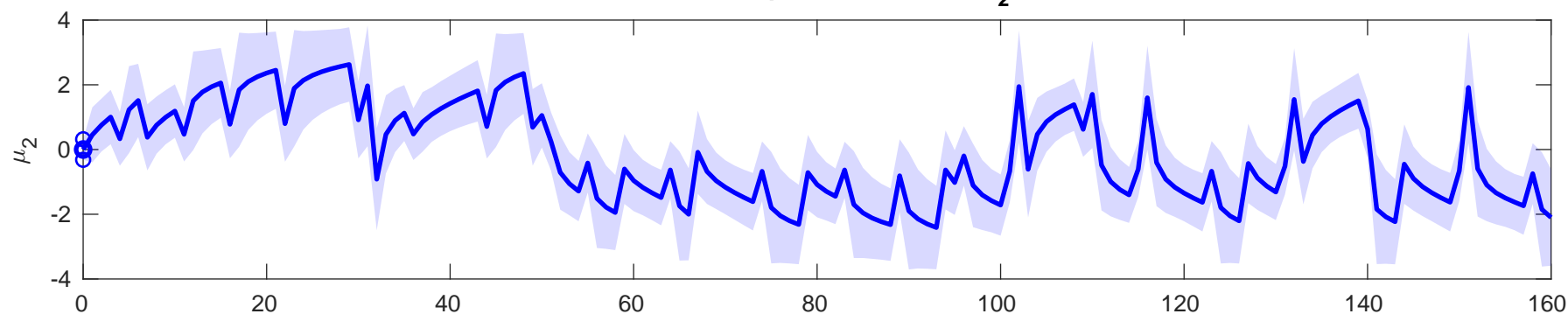
Posterior expectation of x

3

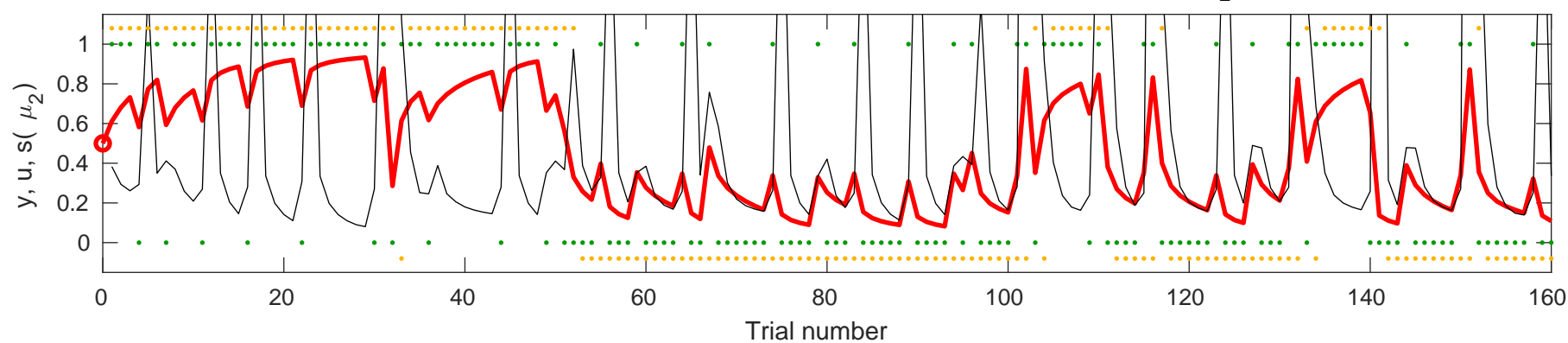


Posterior expectation of x

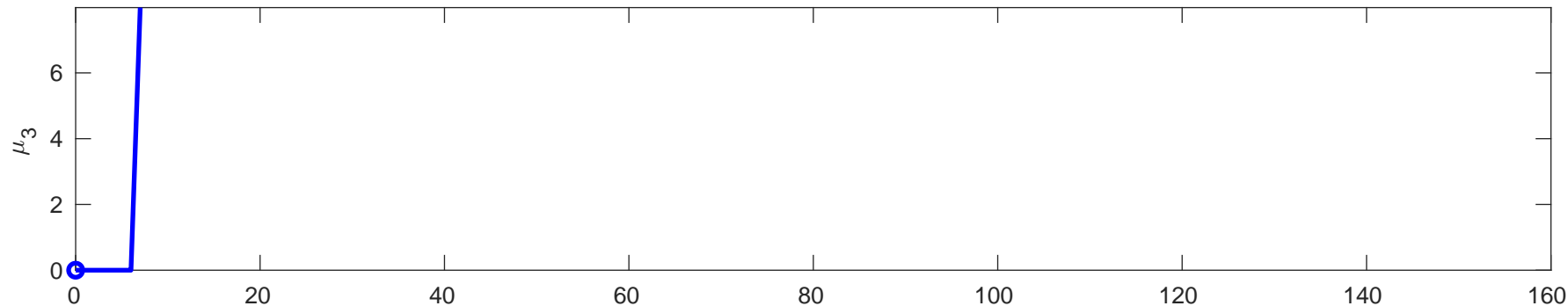
2



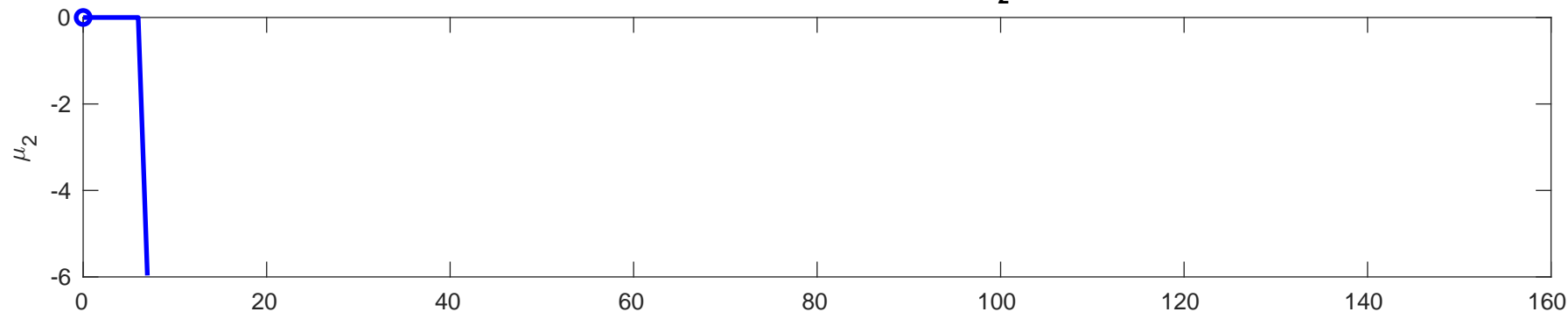
Output y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-0.022885$



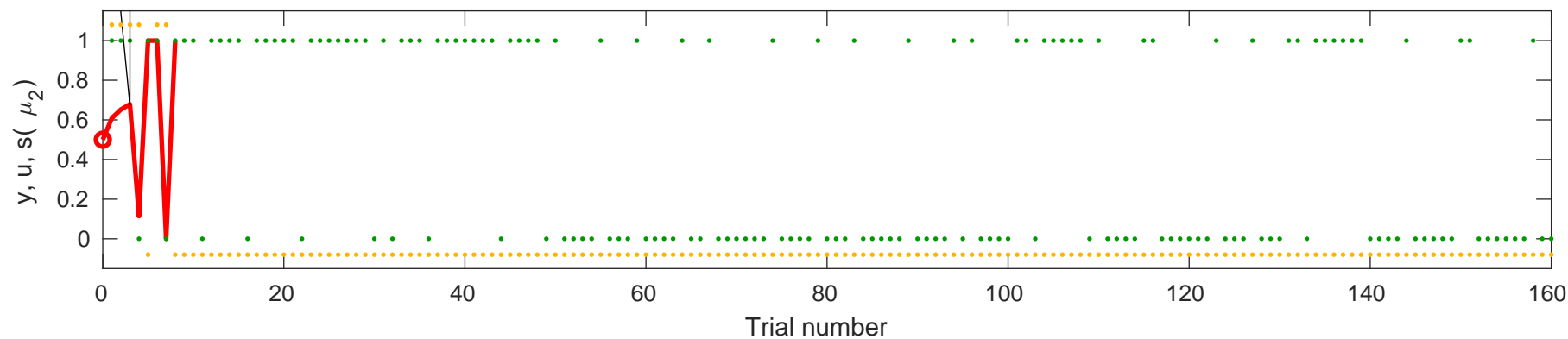
Posterior expectation of x **3**



Posterior expectation of x **2**

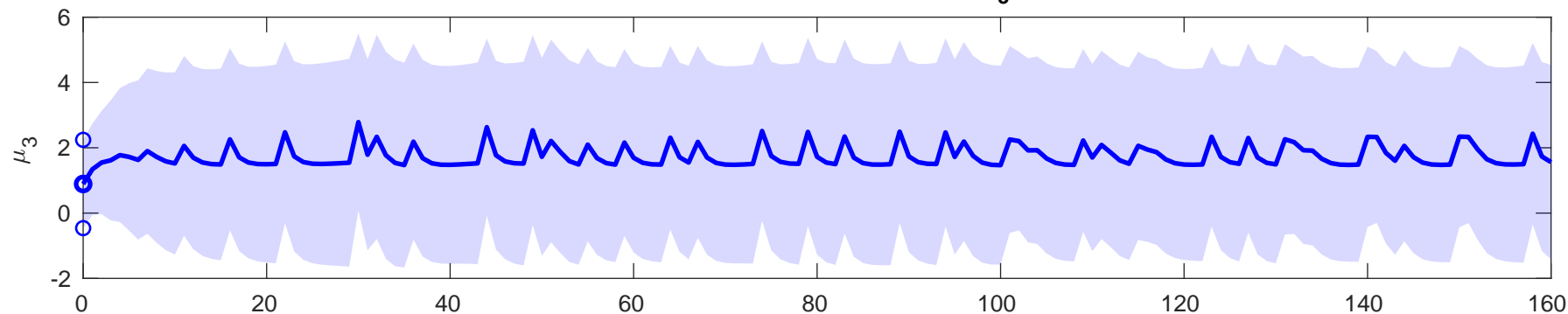


Output y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-0.57646$

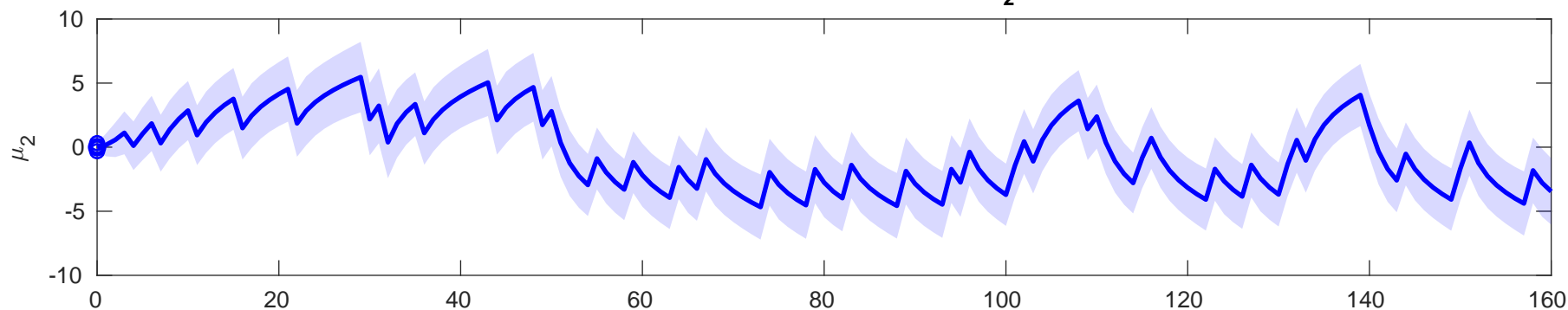
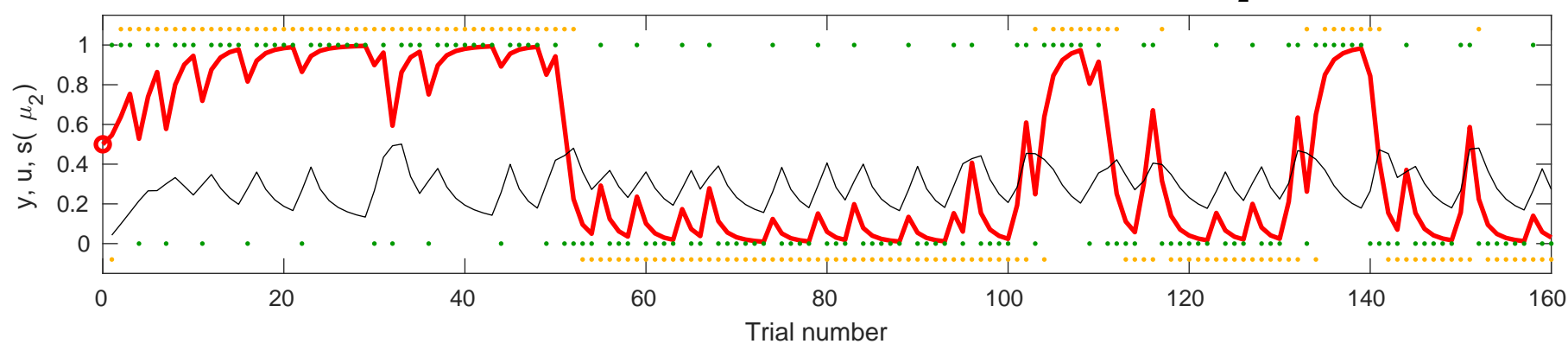


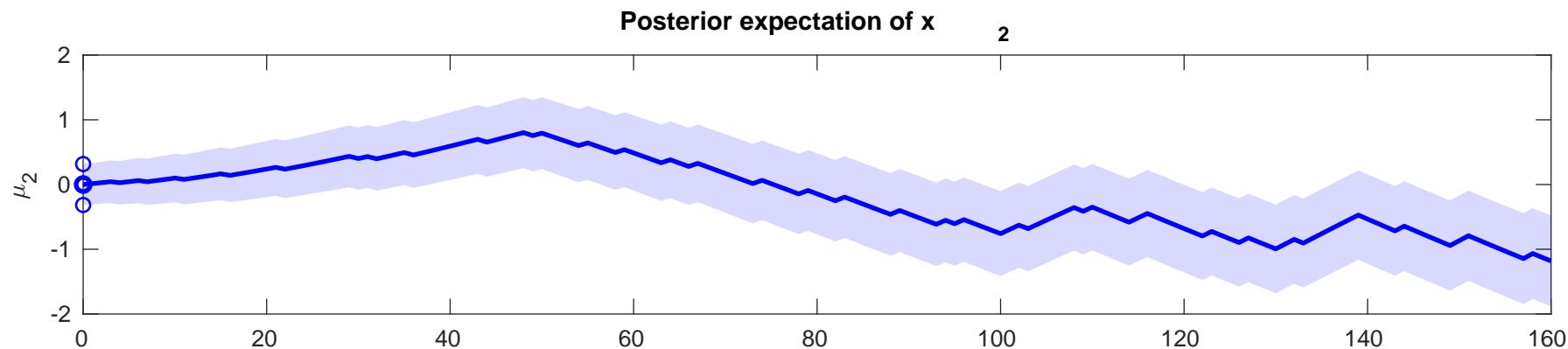
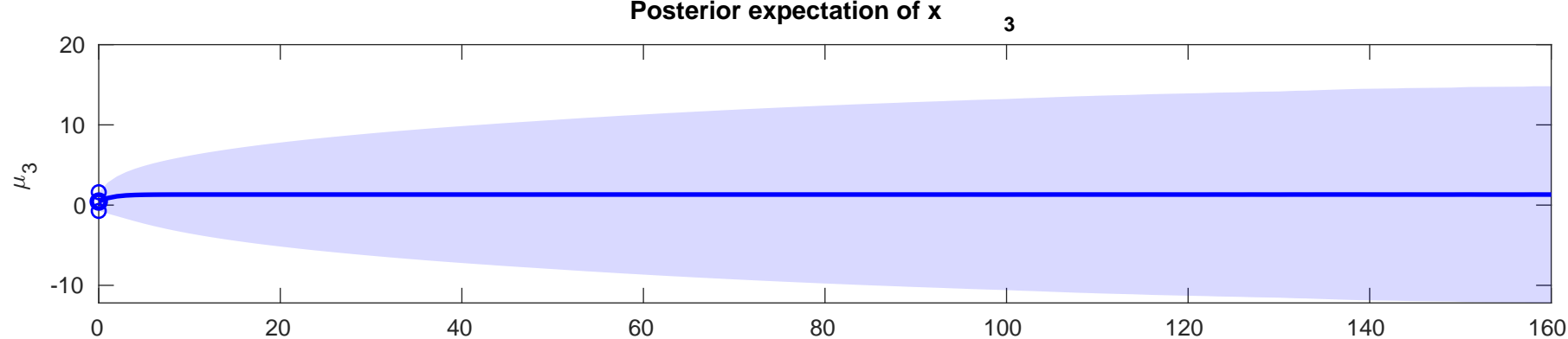
Posterior expectation of x

3

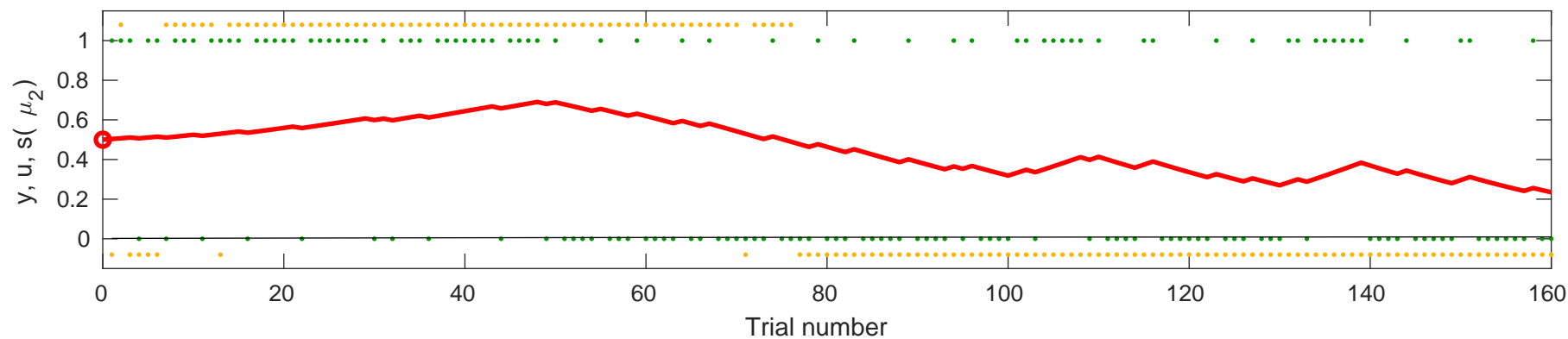
Posterior expectation of x

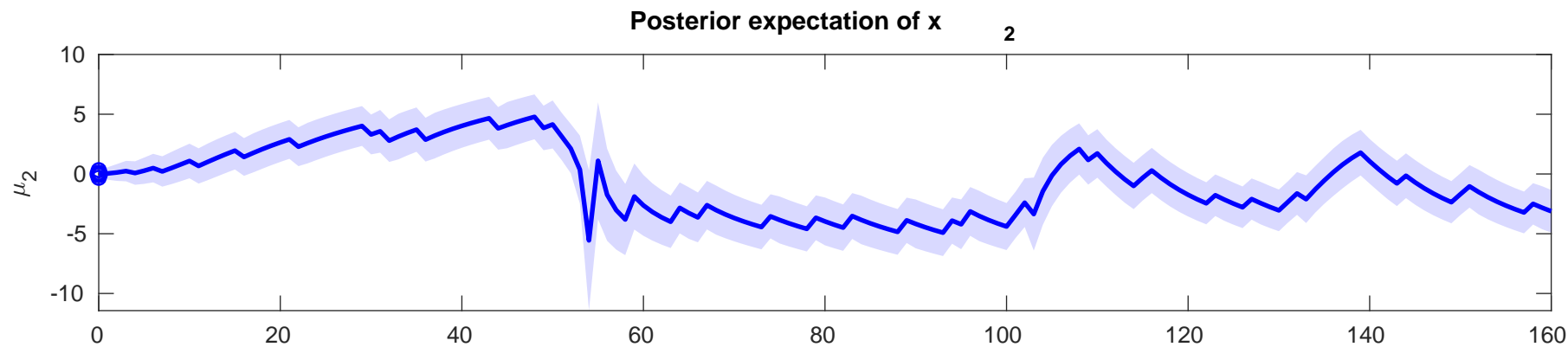
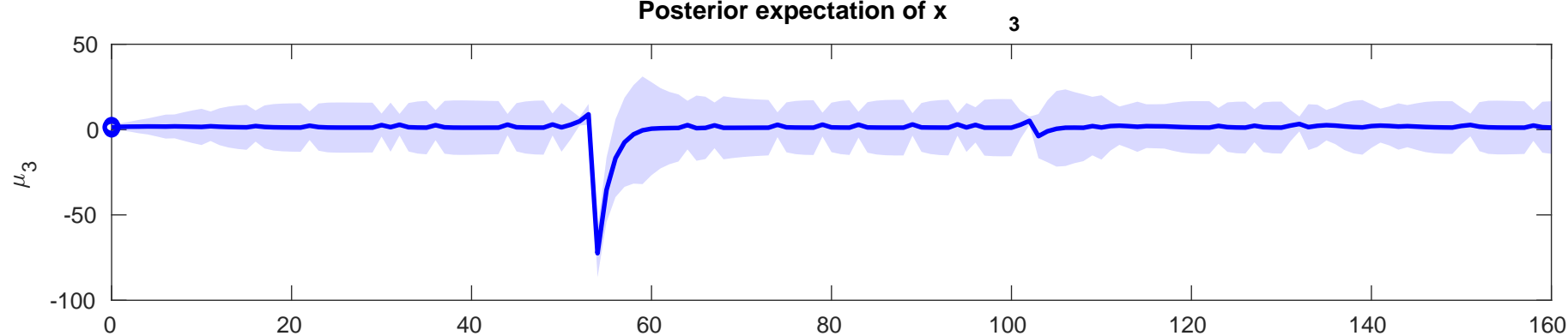
2

se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-1.1791$ 

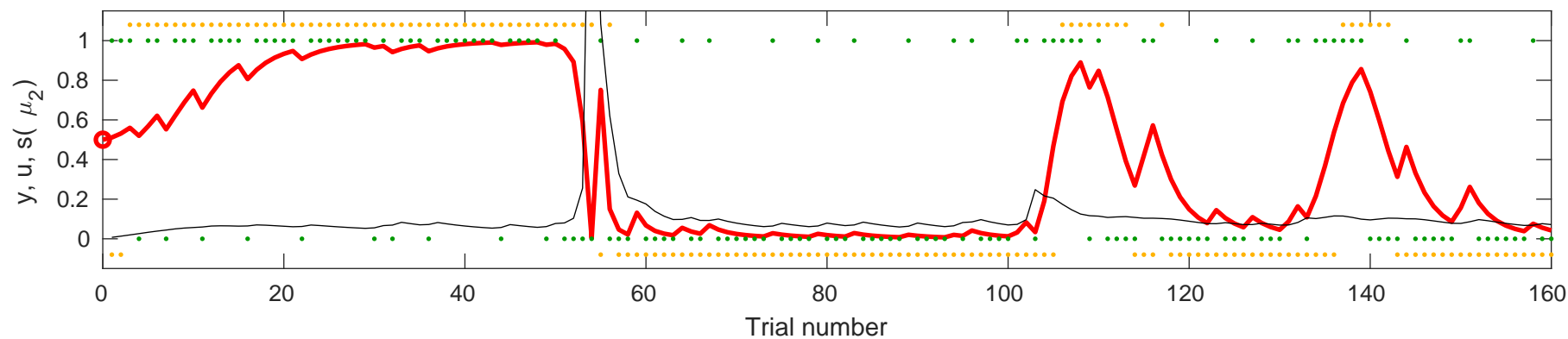


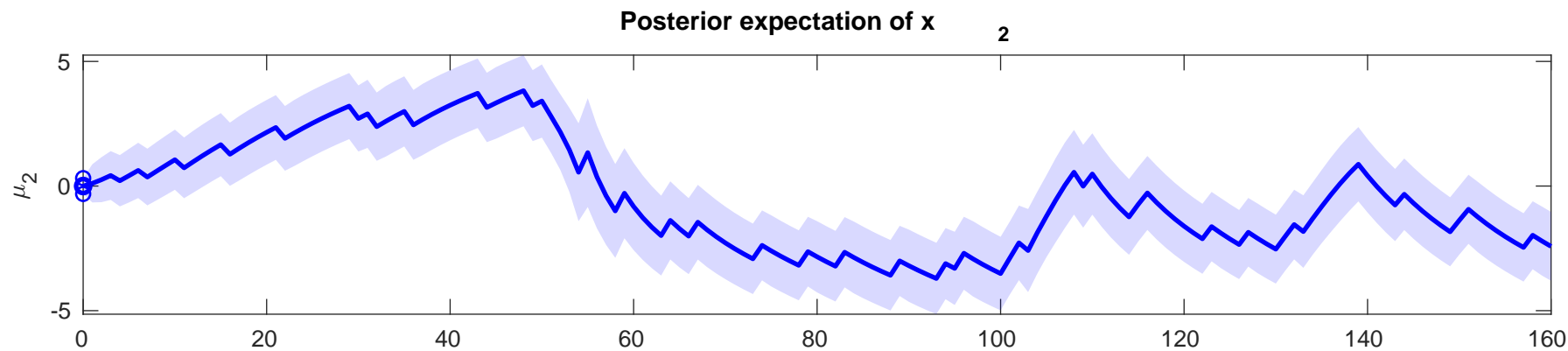
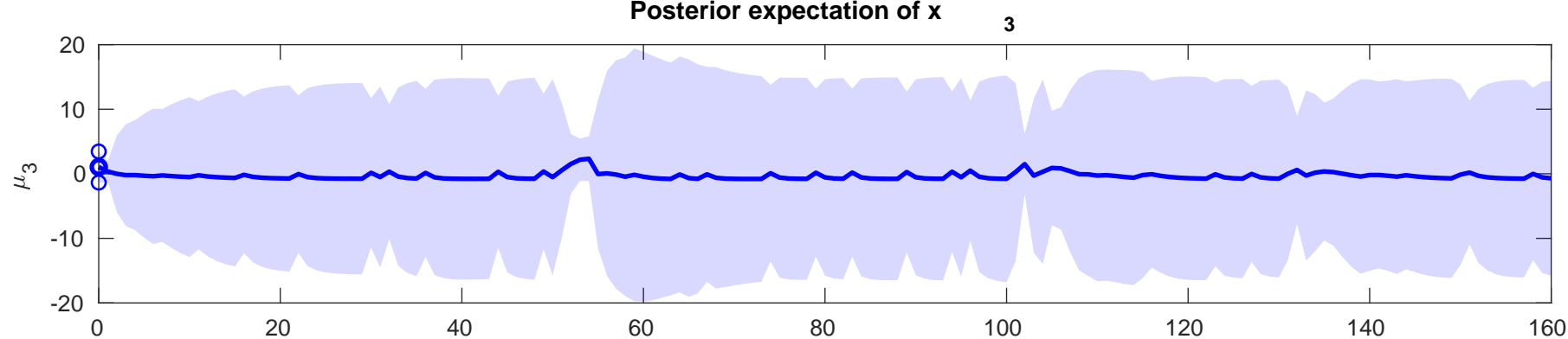
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-6.5739$



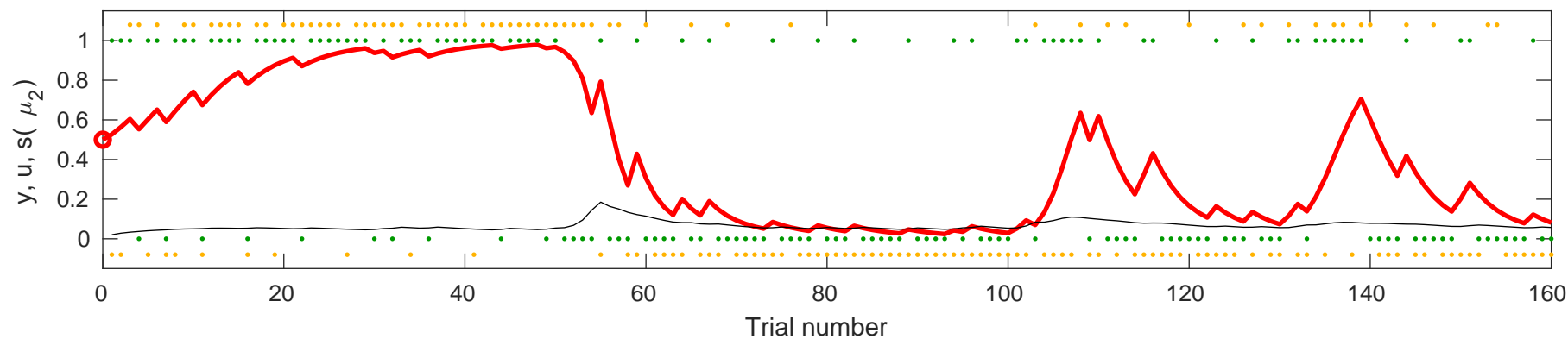


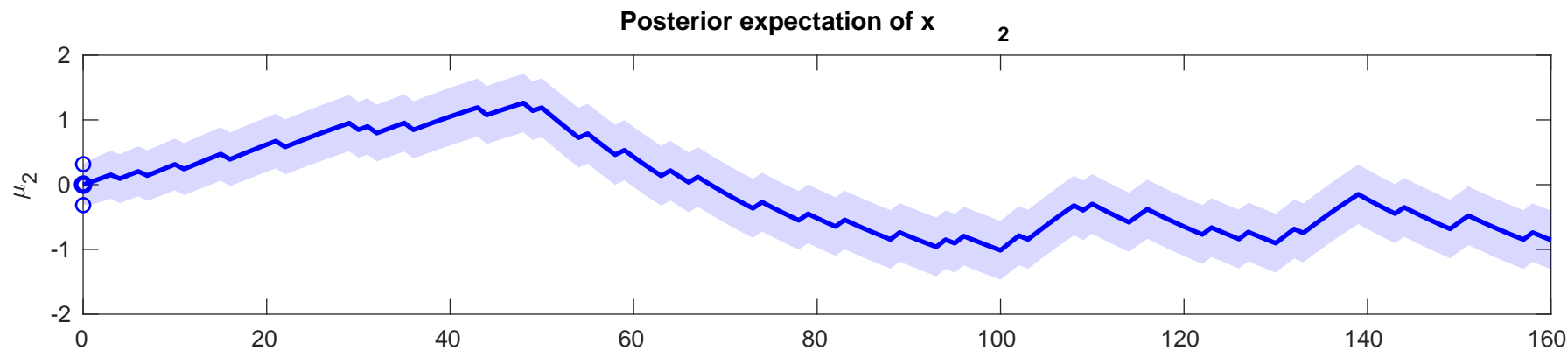
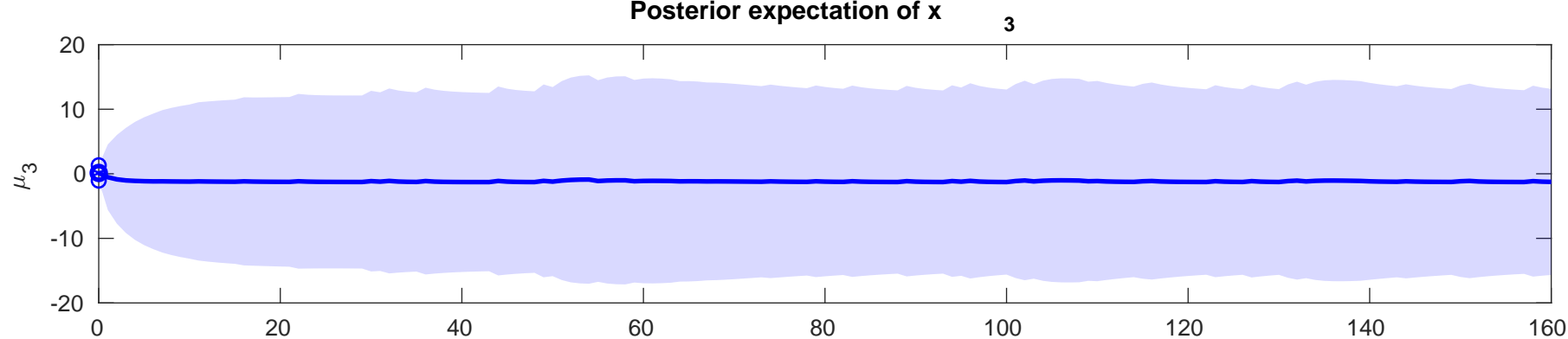
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.1011$



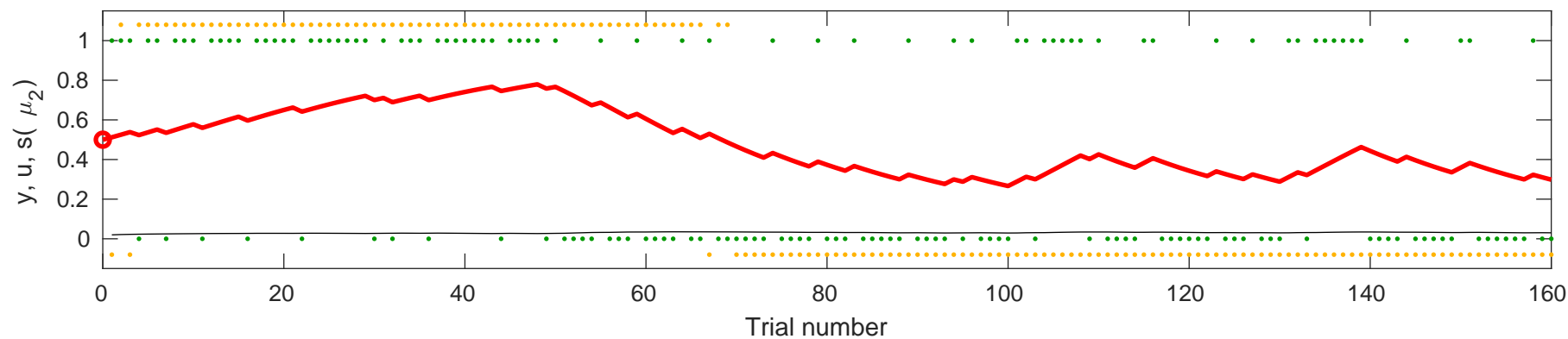


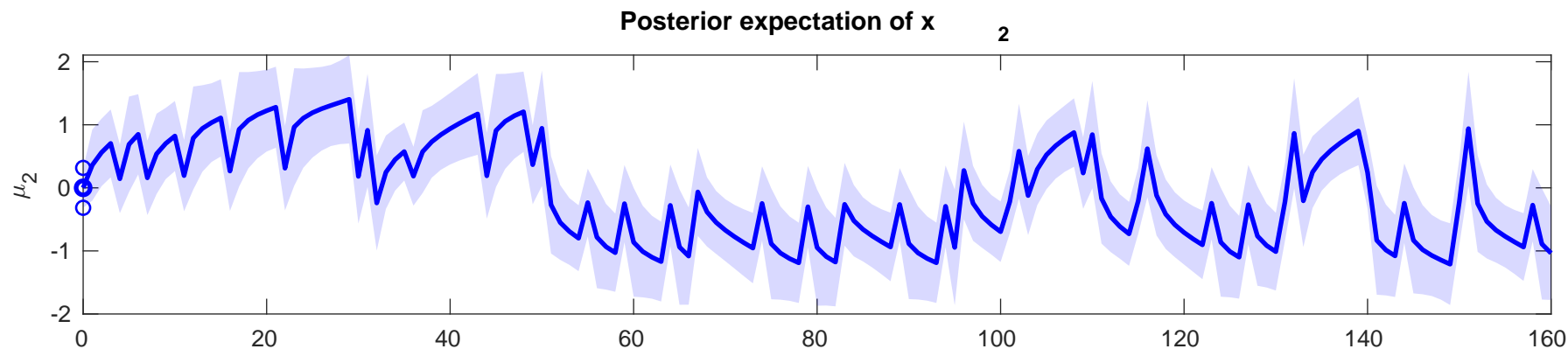
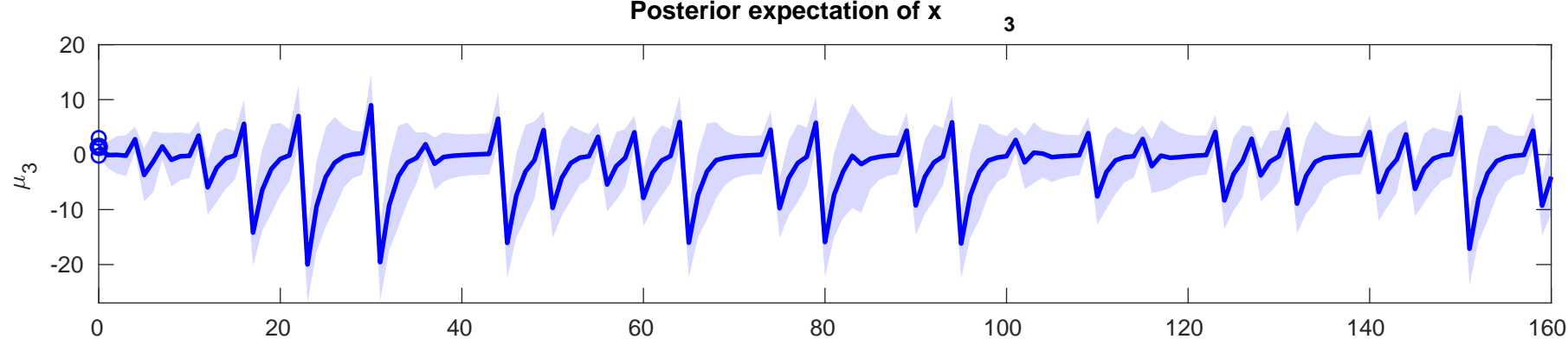
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.7376$



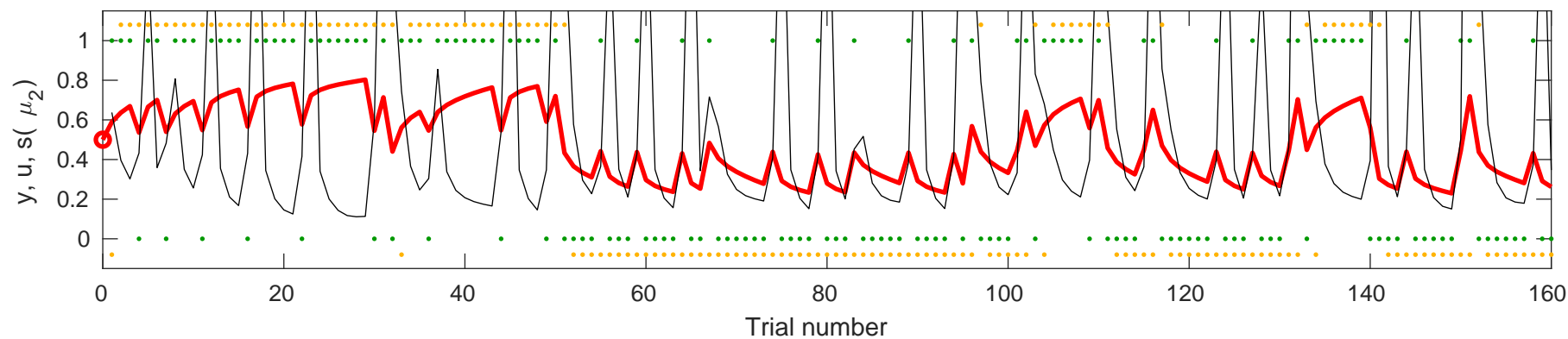


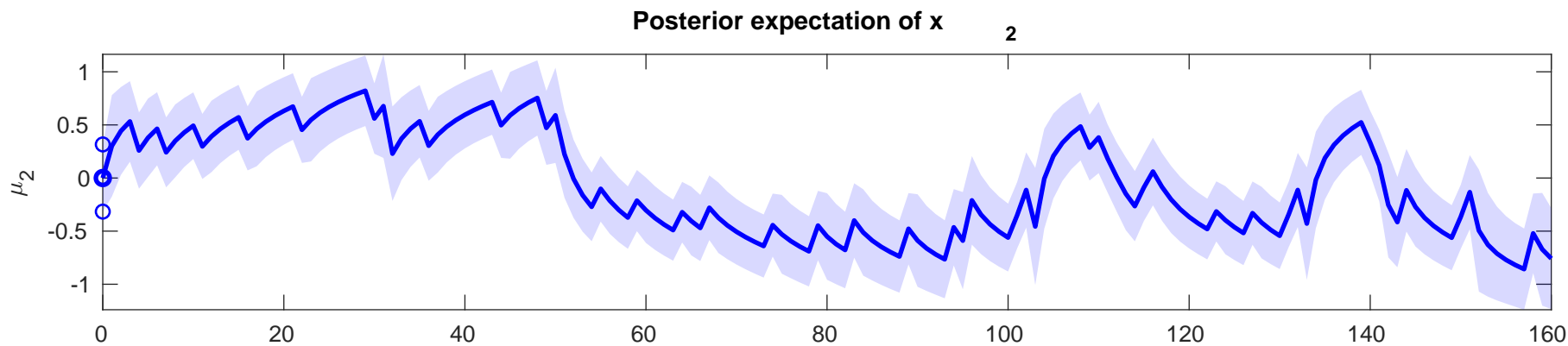
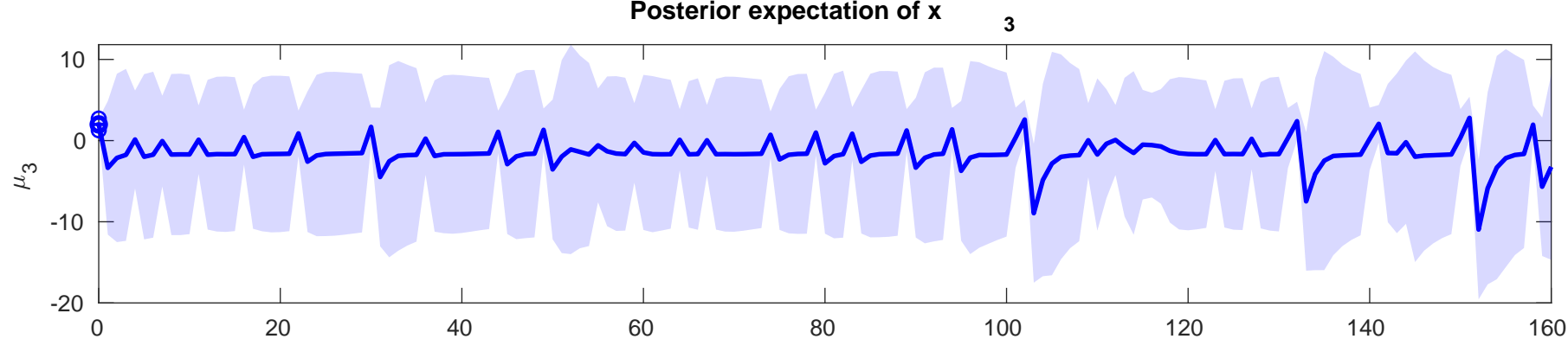
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.8367$



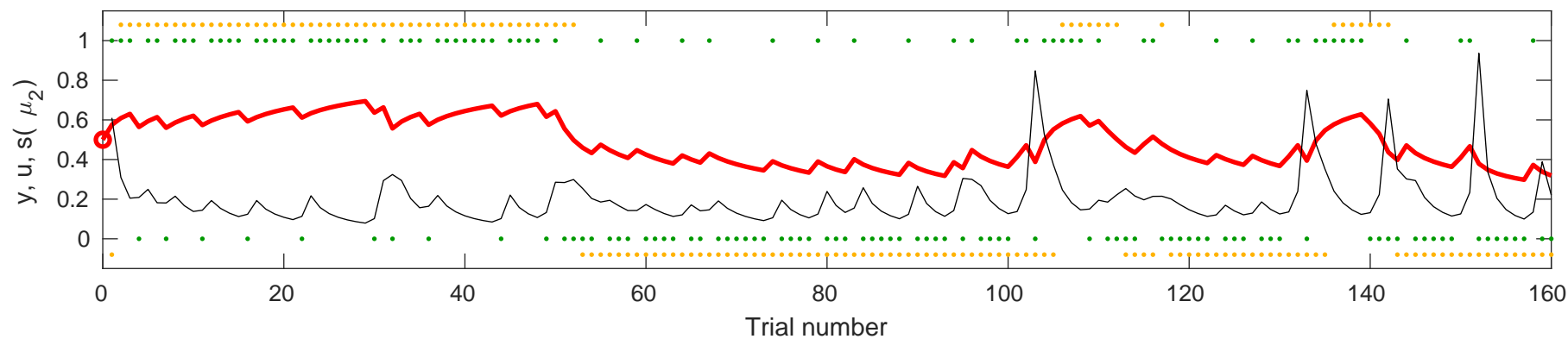


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.2347$



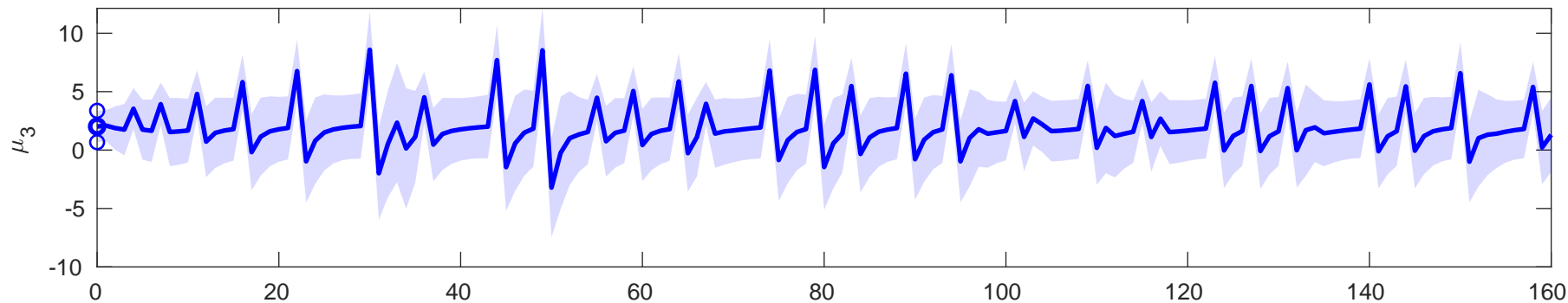


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.2635$

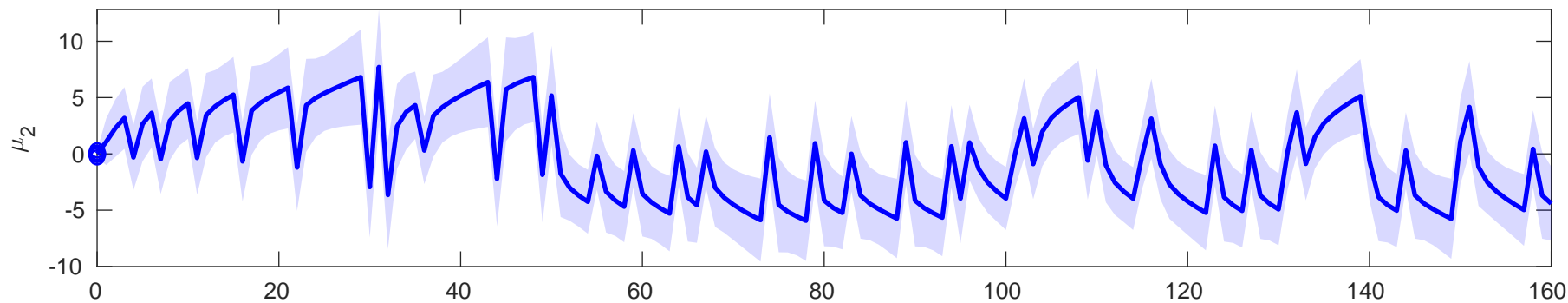


Posterior expectation of x

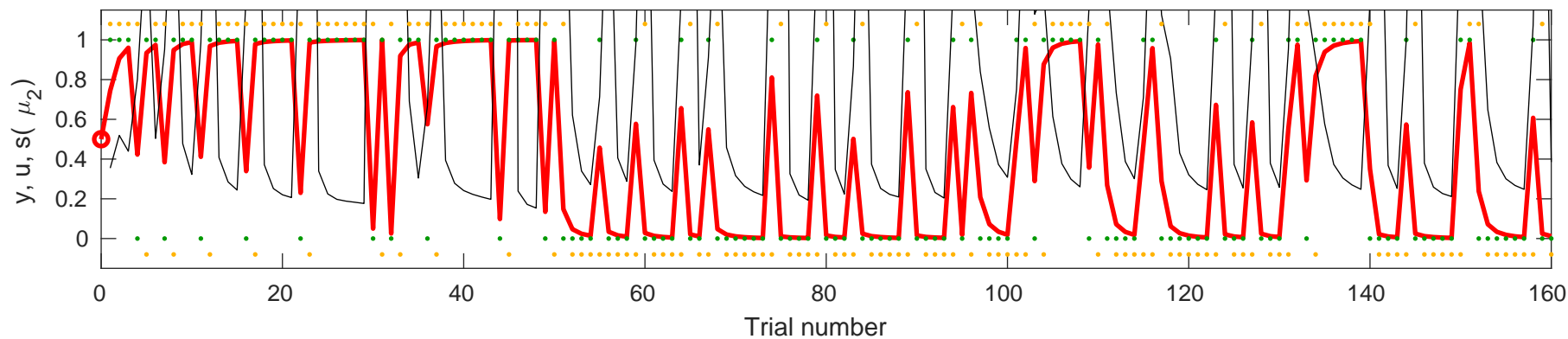
3

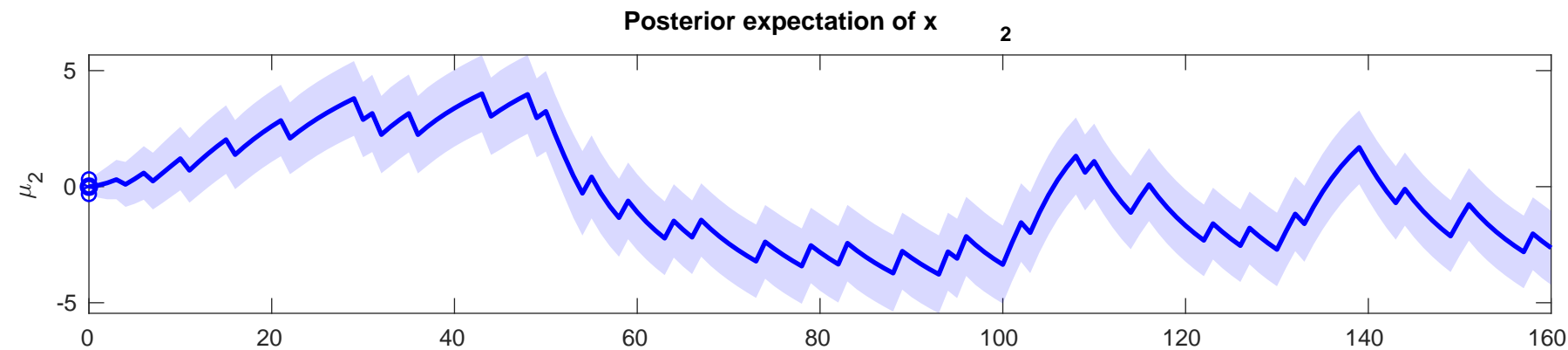
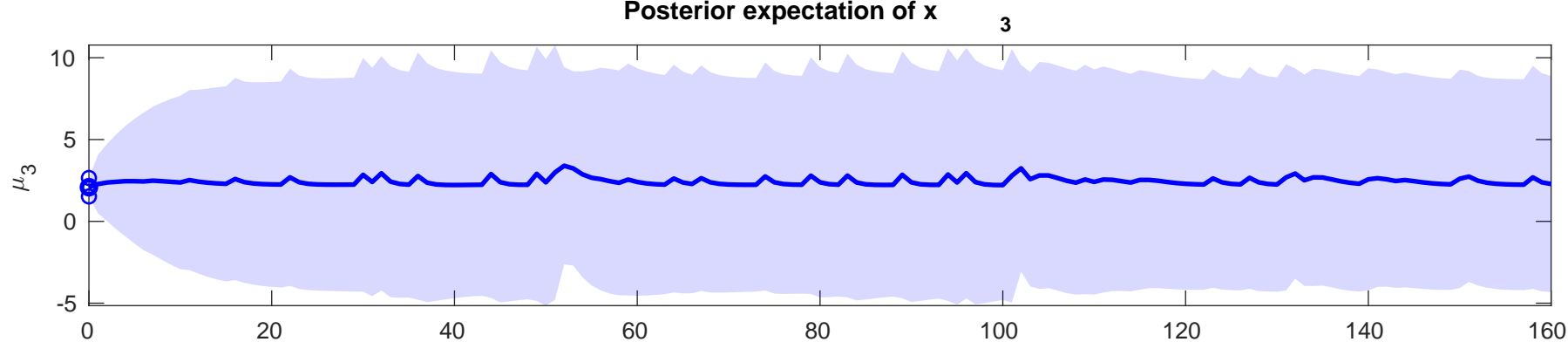
Posterior expectation of x

2

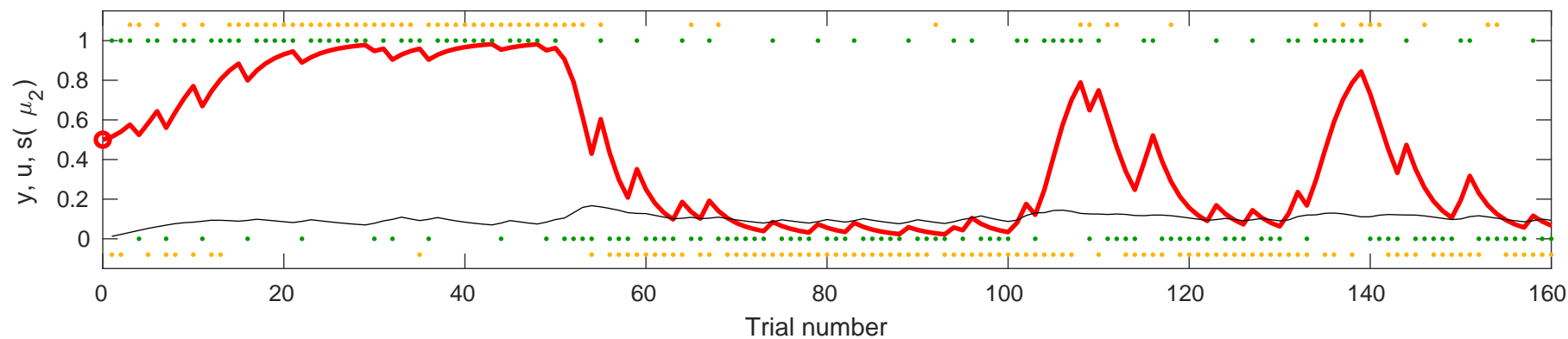


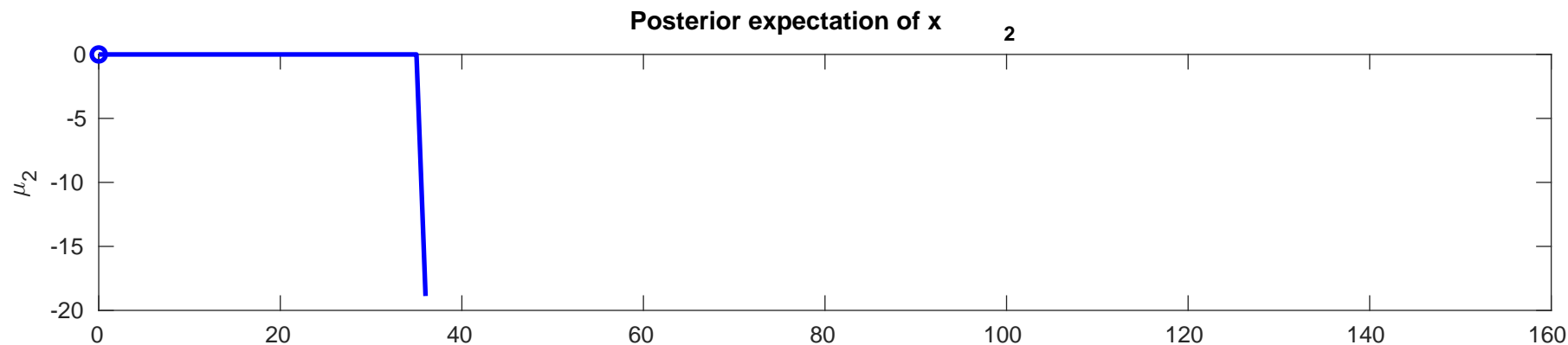
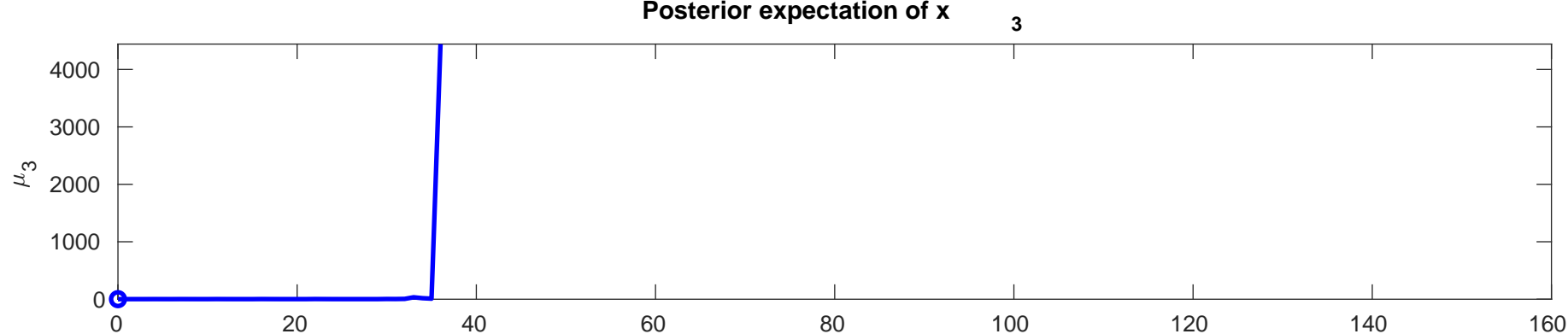
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-0.26699$



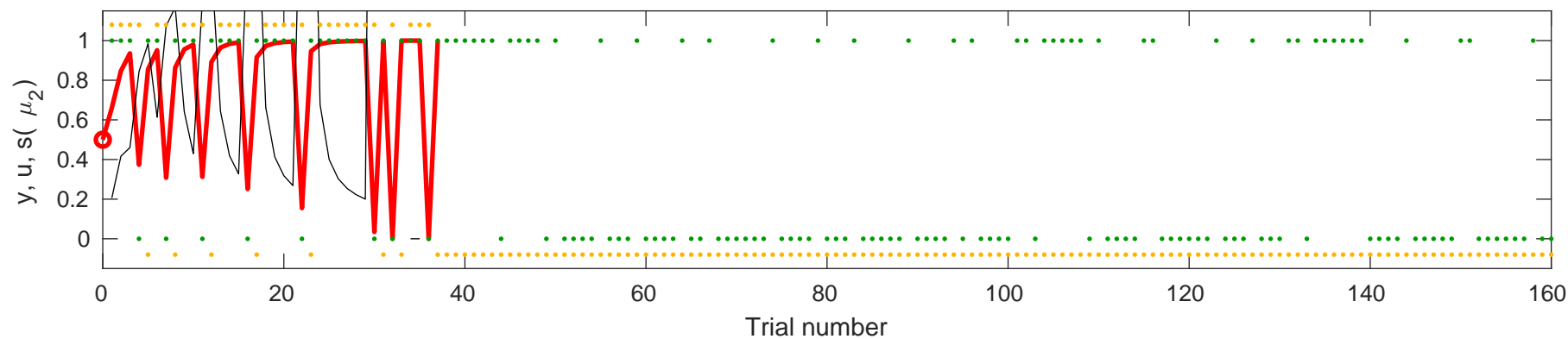


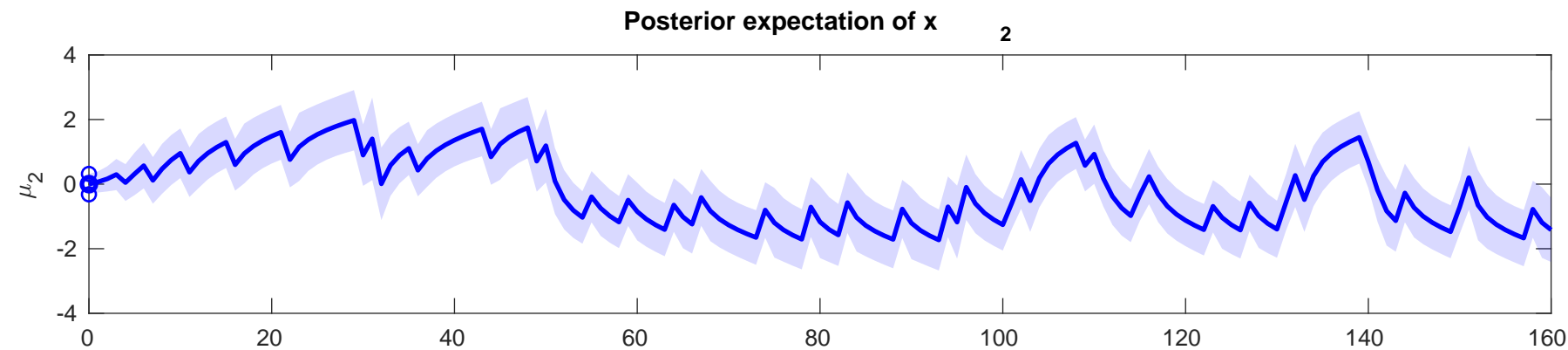
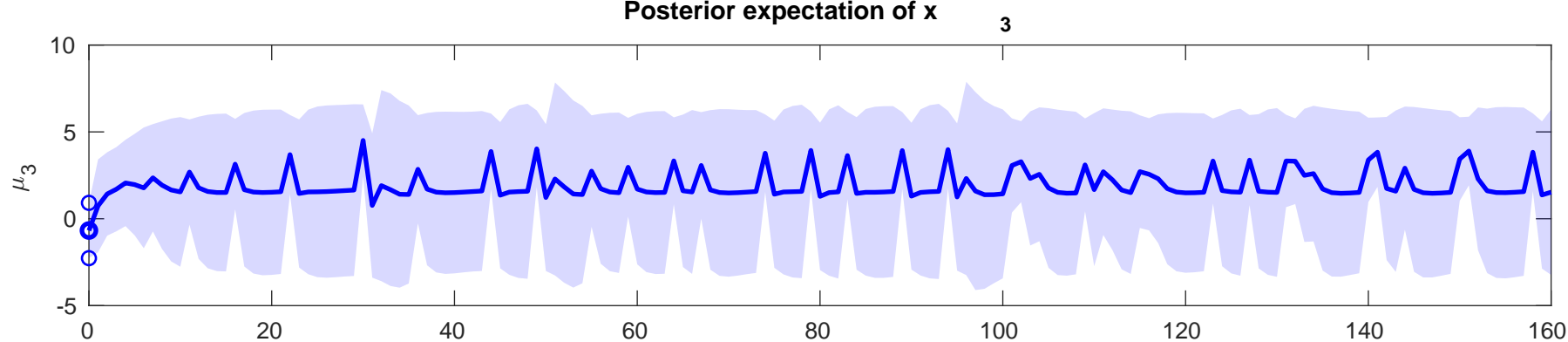
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.7716$



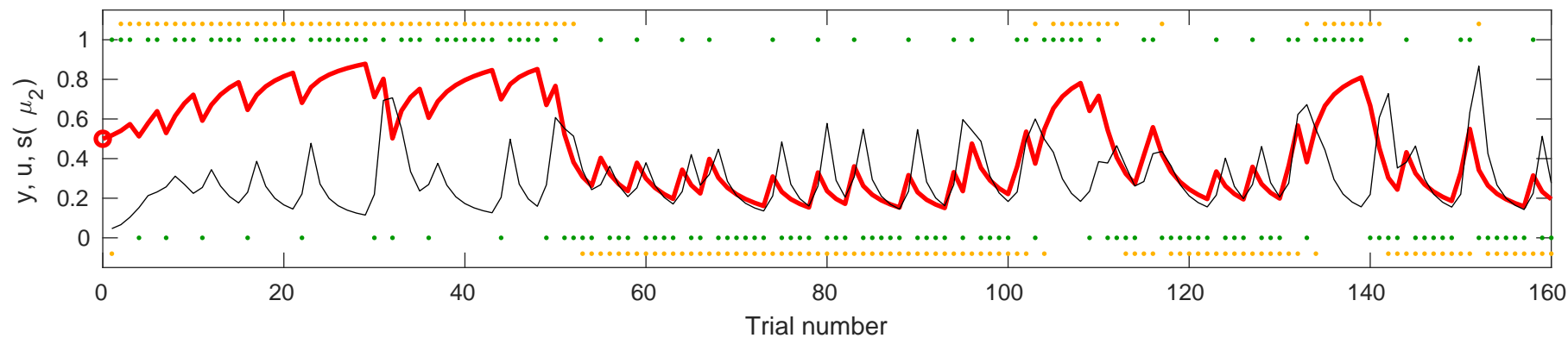


Plot of the output y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0.0$, $\kappa=1$, $\omega=0.42602$

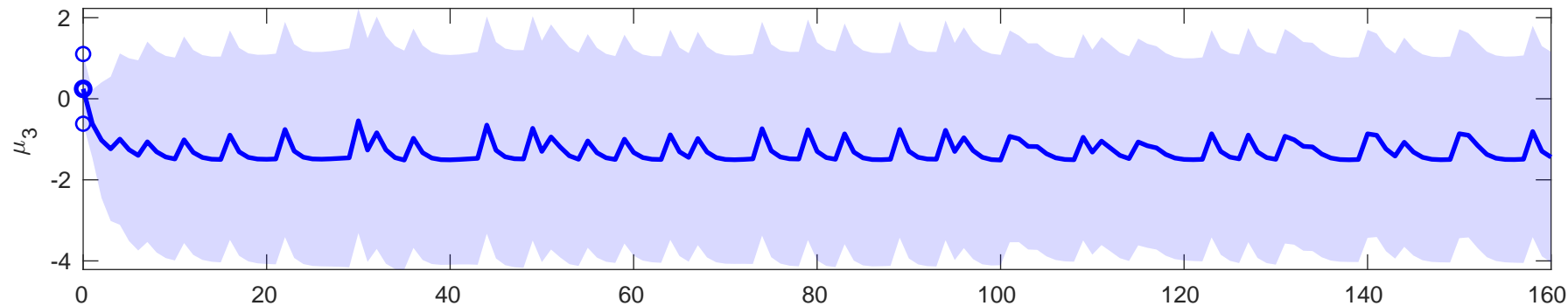




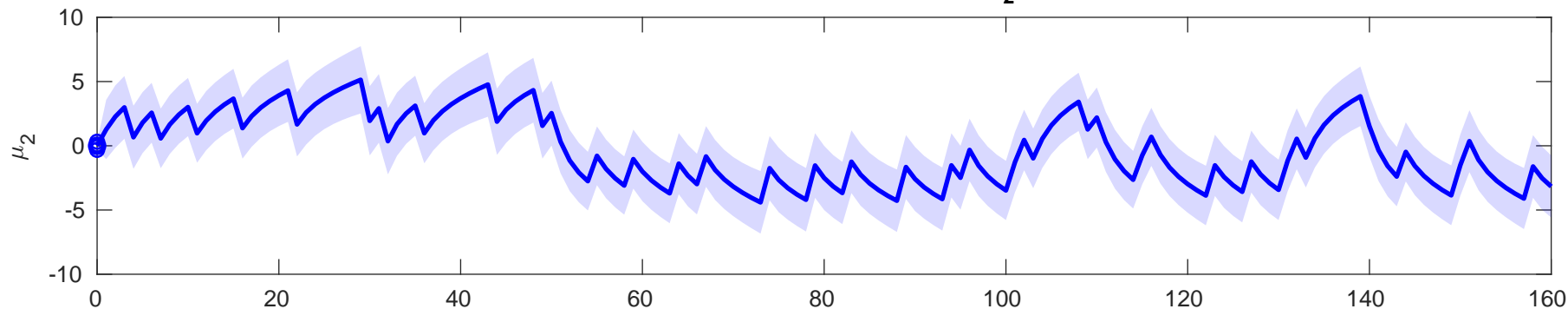
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.6657$



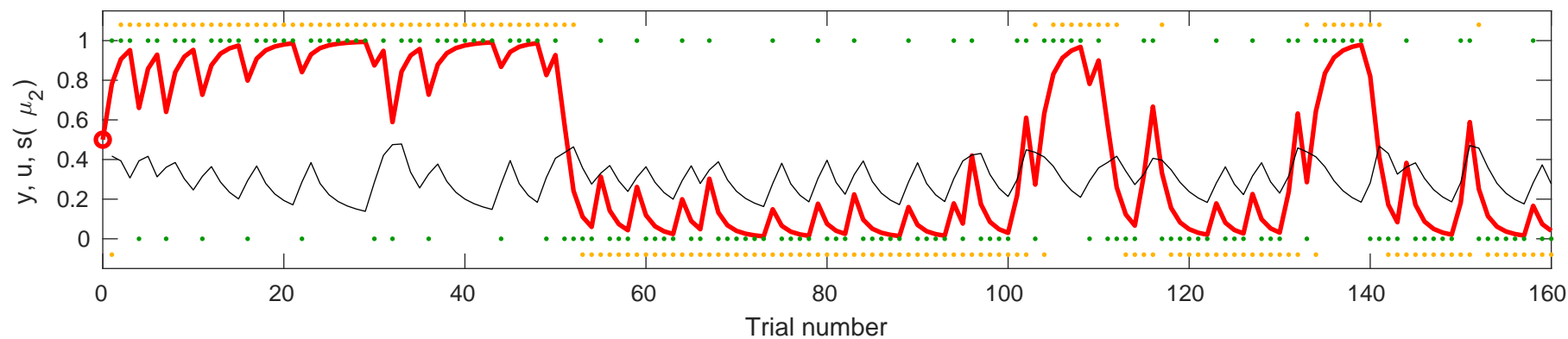
Posterior expectation of x **3**

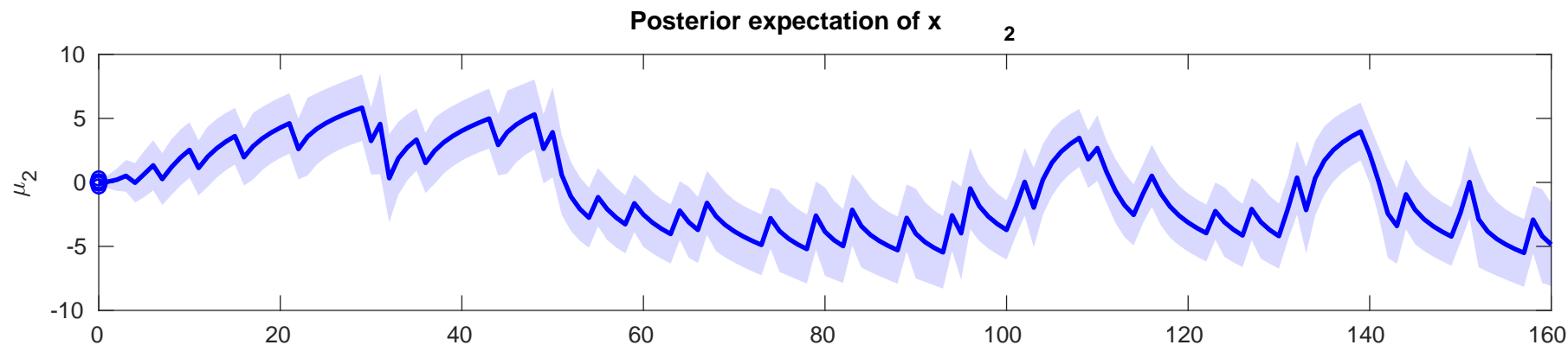
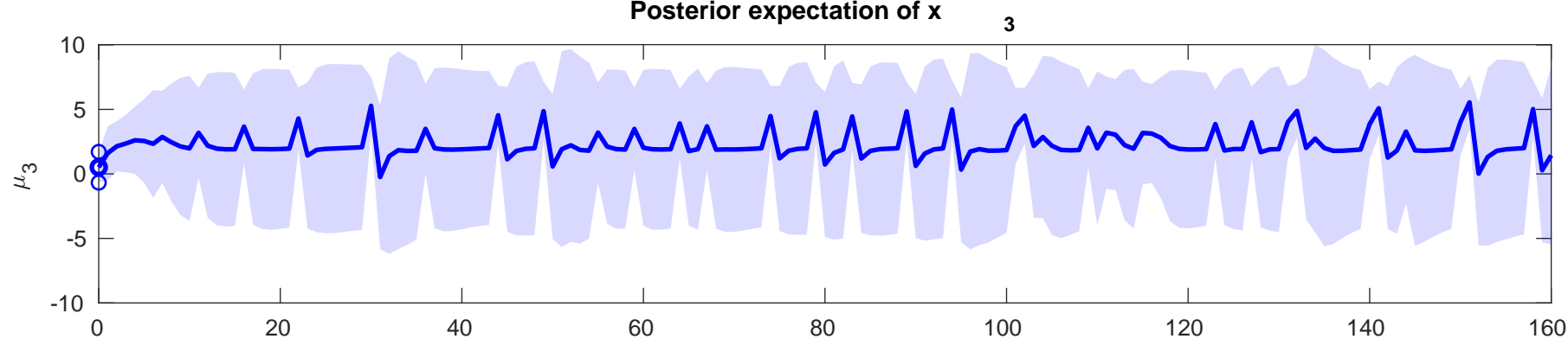


Posterior expectation of x **2**

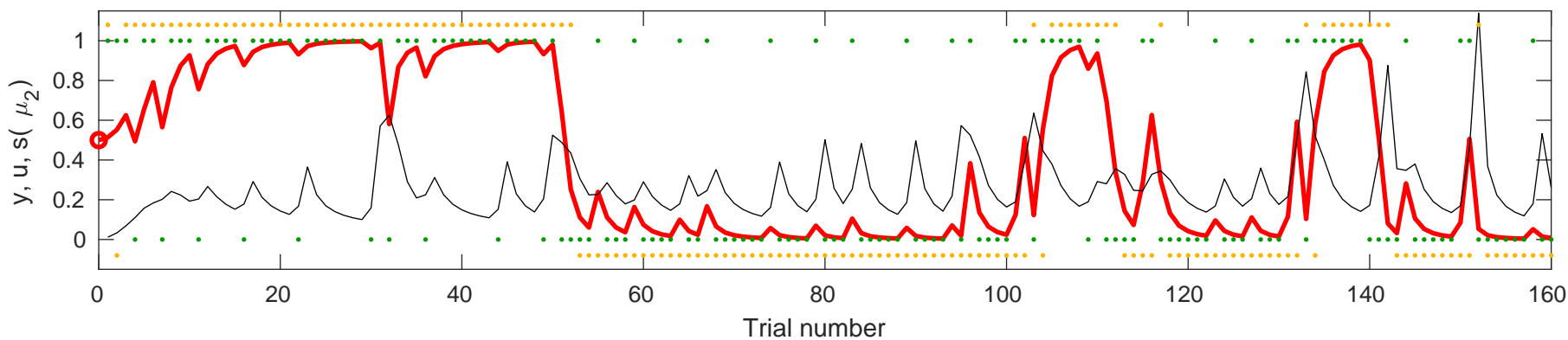


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=1.7775$

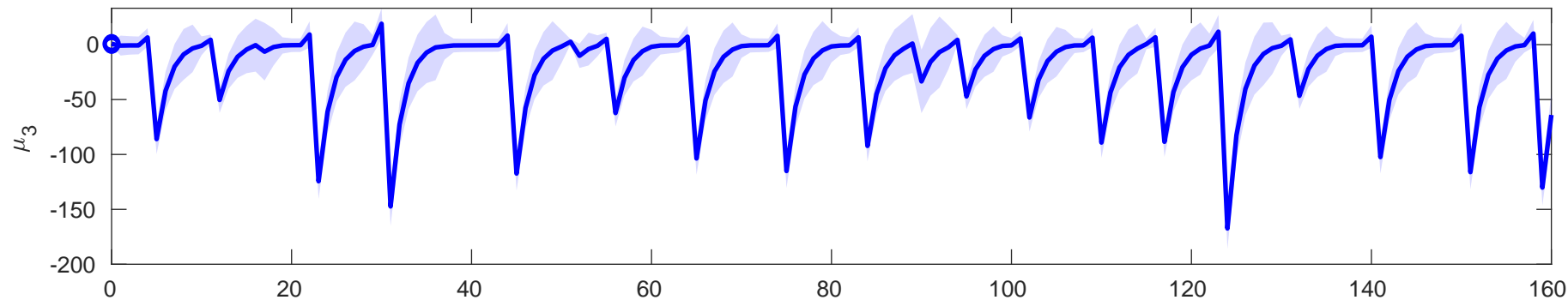




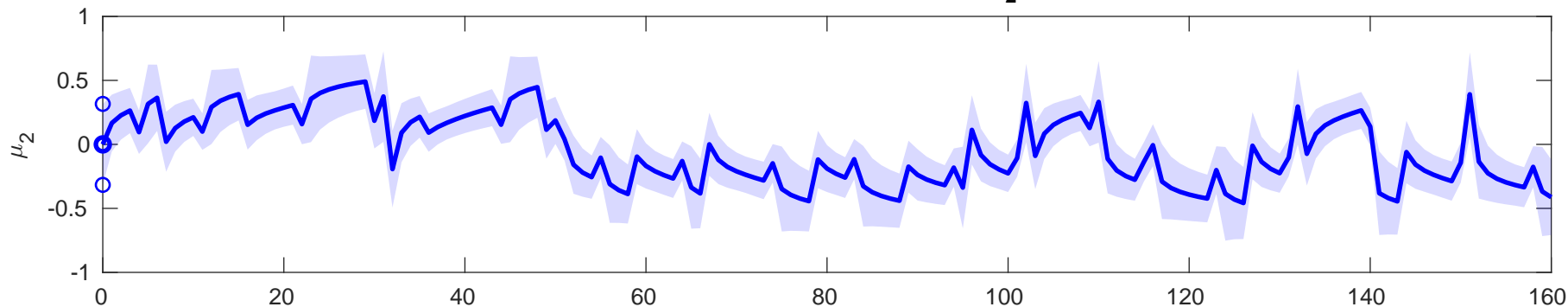
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.2715$



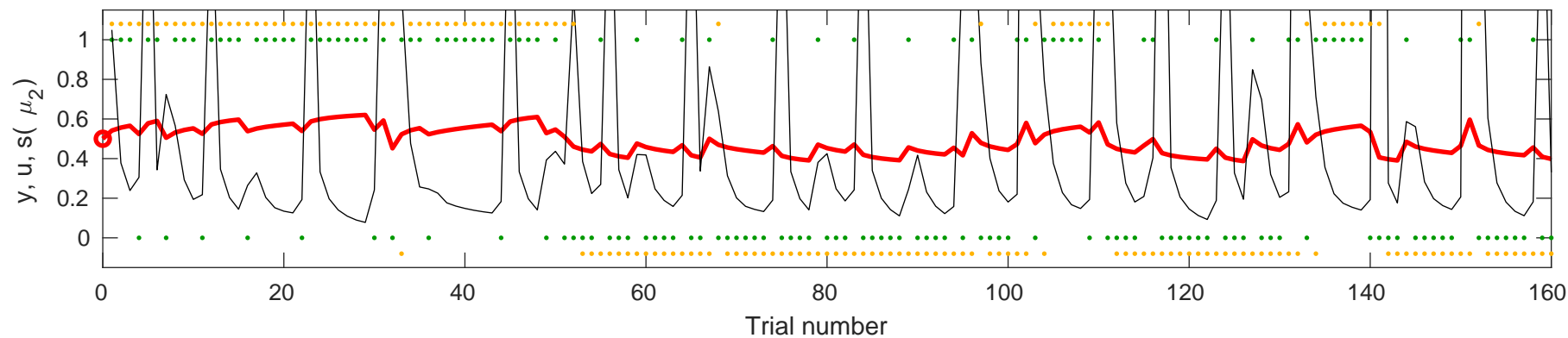
Posterior expectation of x **3**

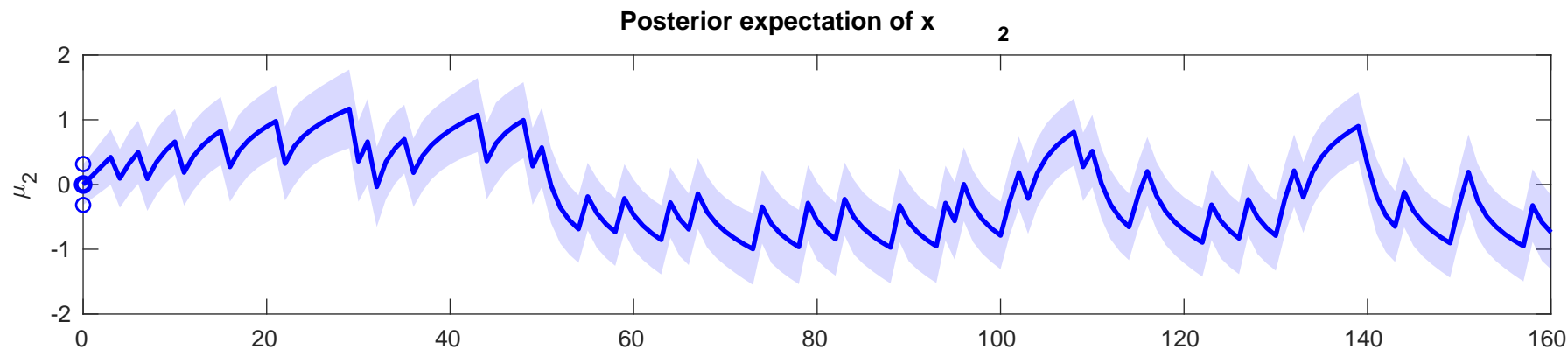
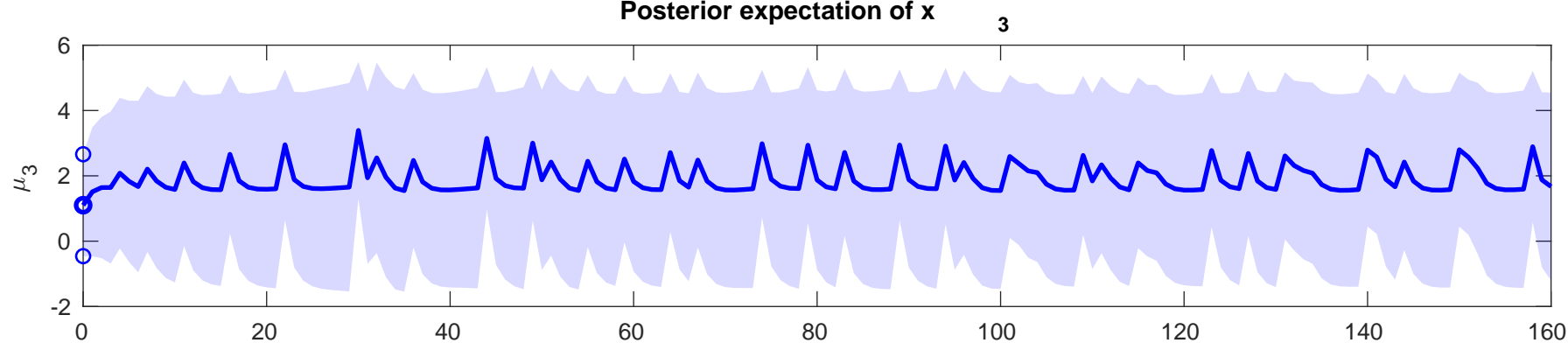


Posterior expectation of x **2**

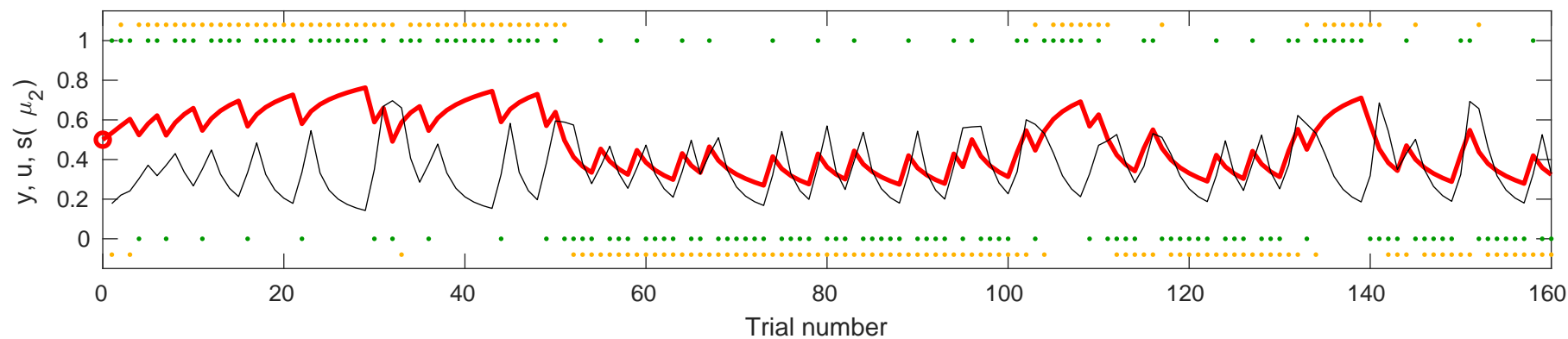


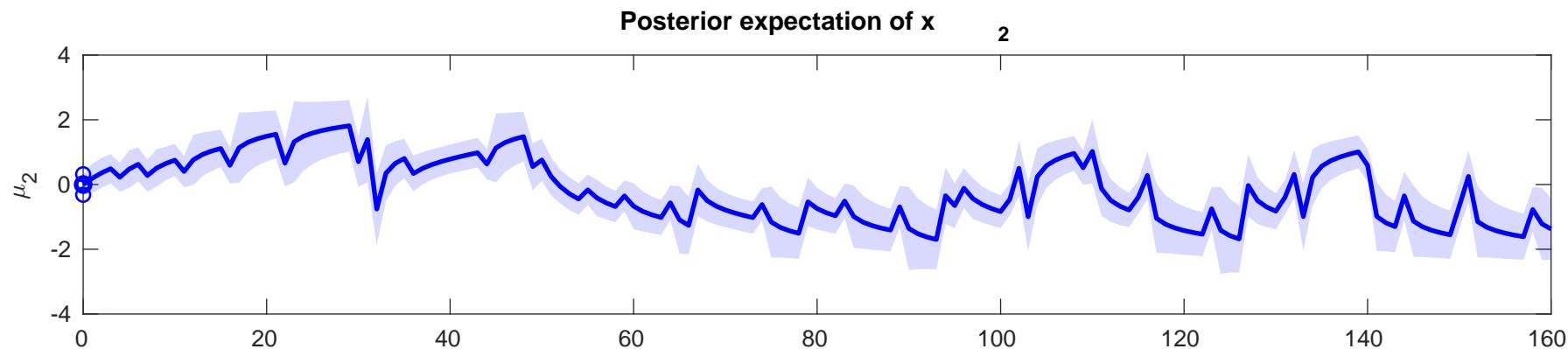
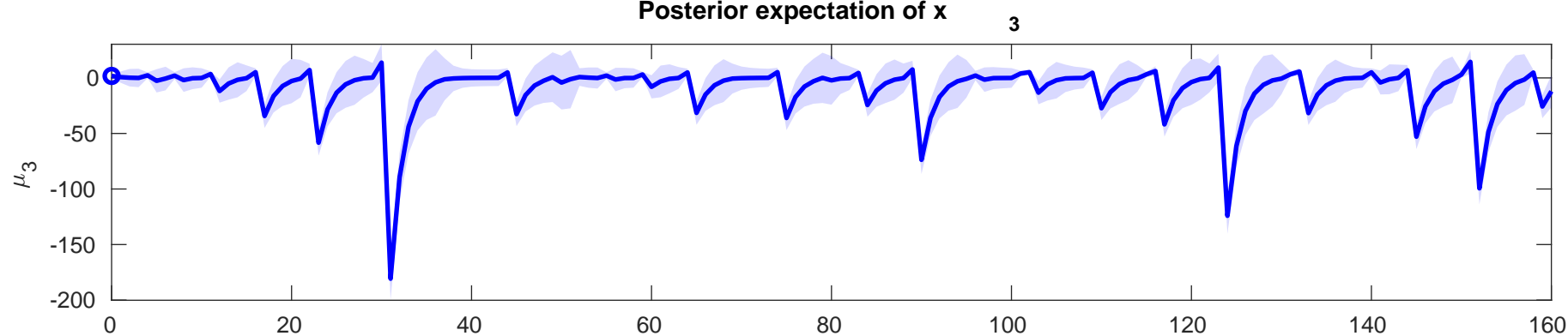
Plot of y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.9708$



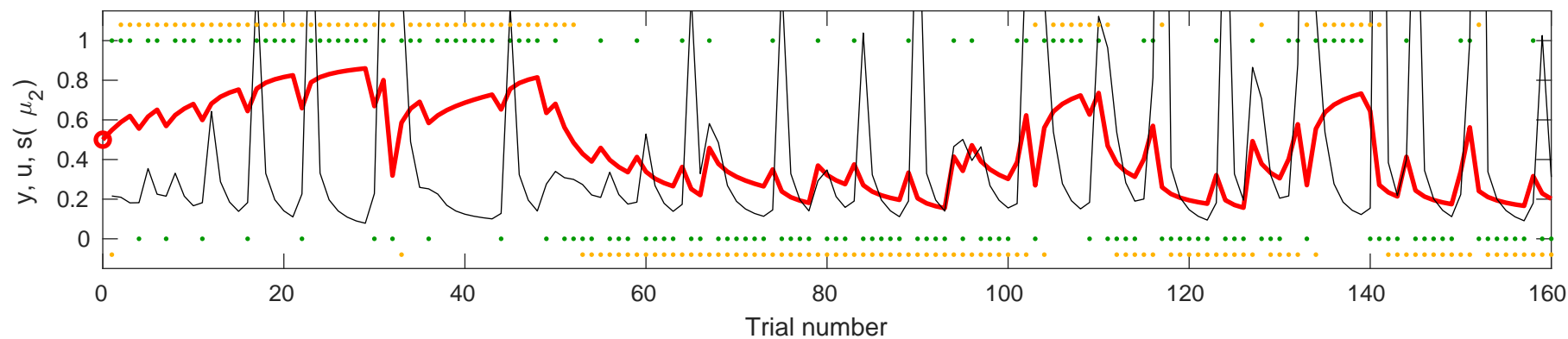


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.2242$

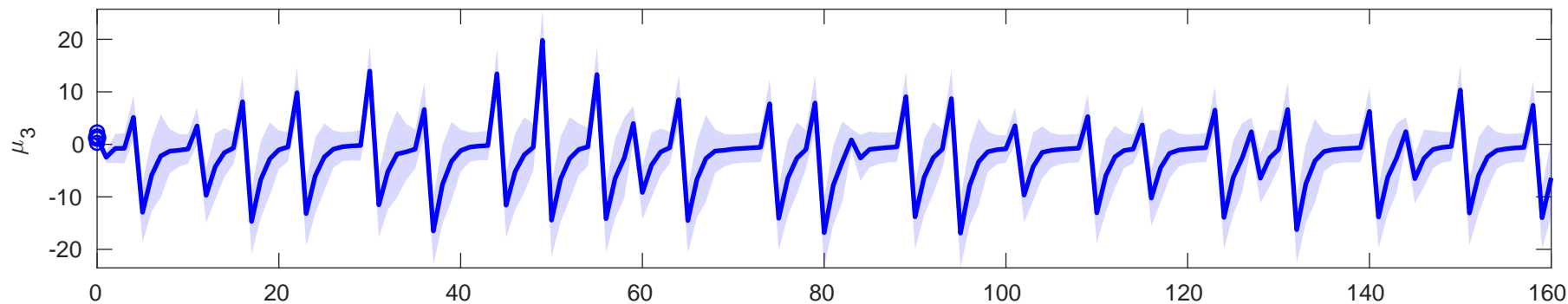




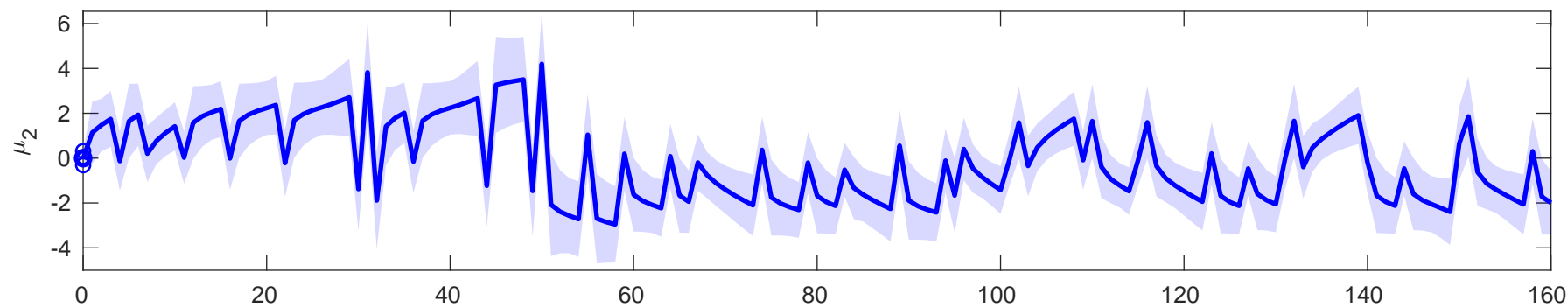
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.6391$



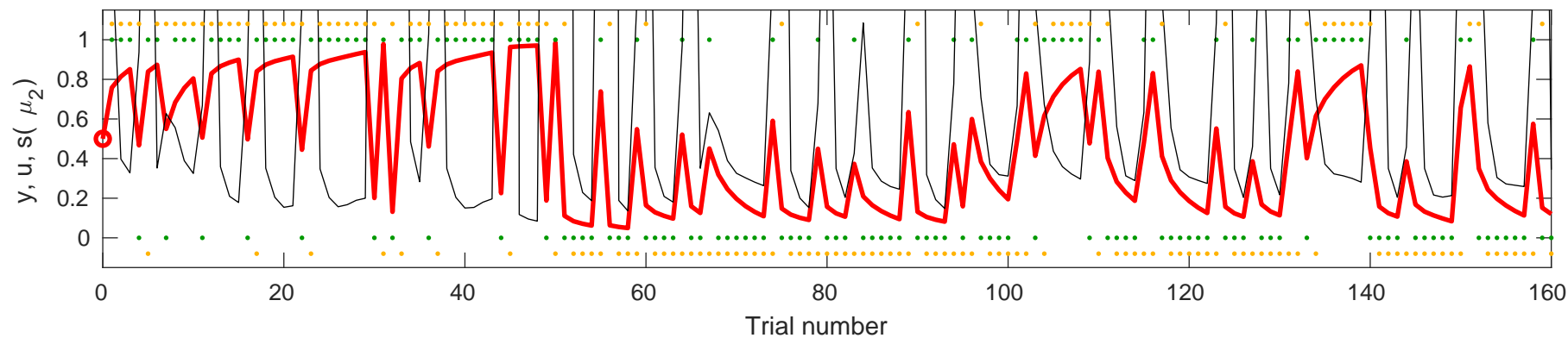
Posterior expectation of x **3**

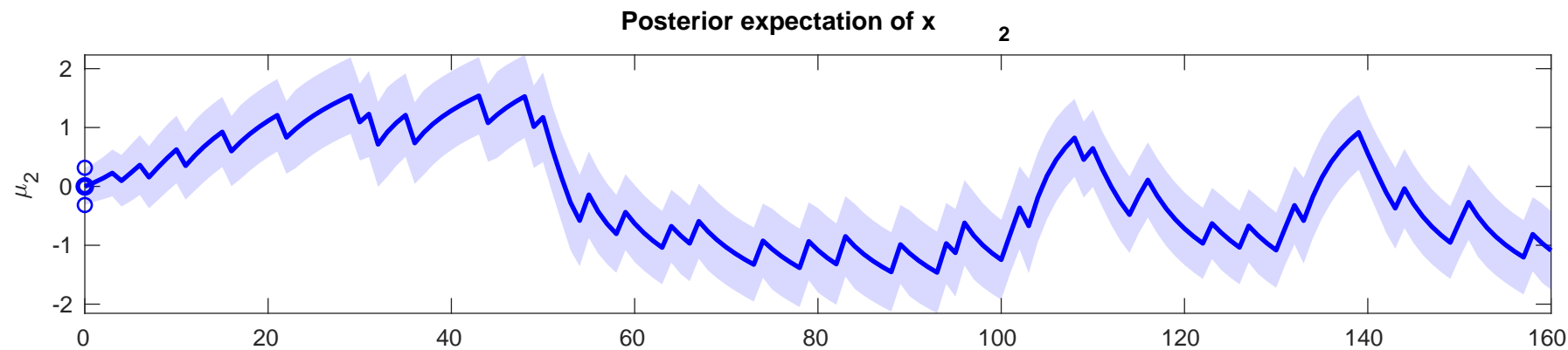
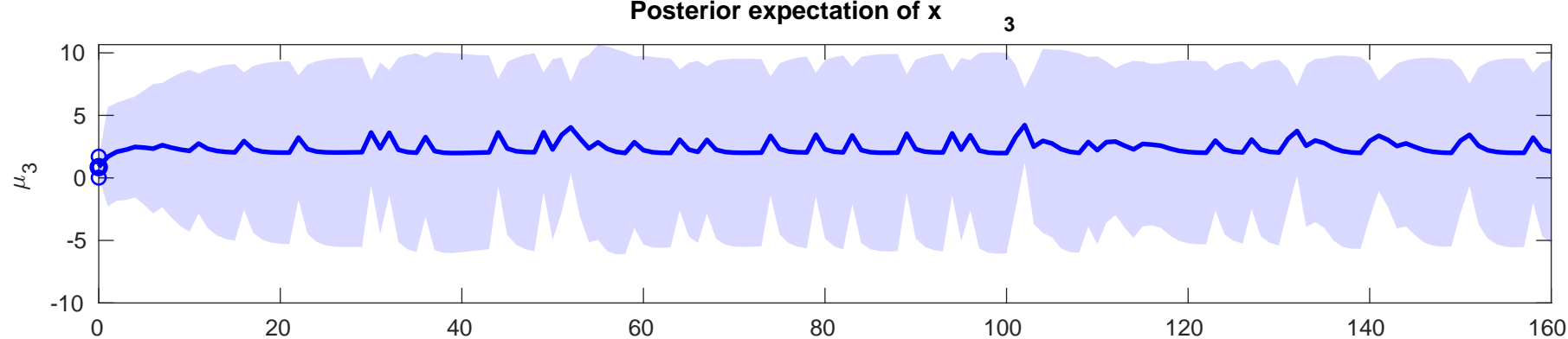


Posterior expectation of x **2**

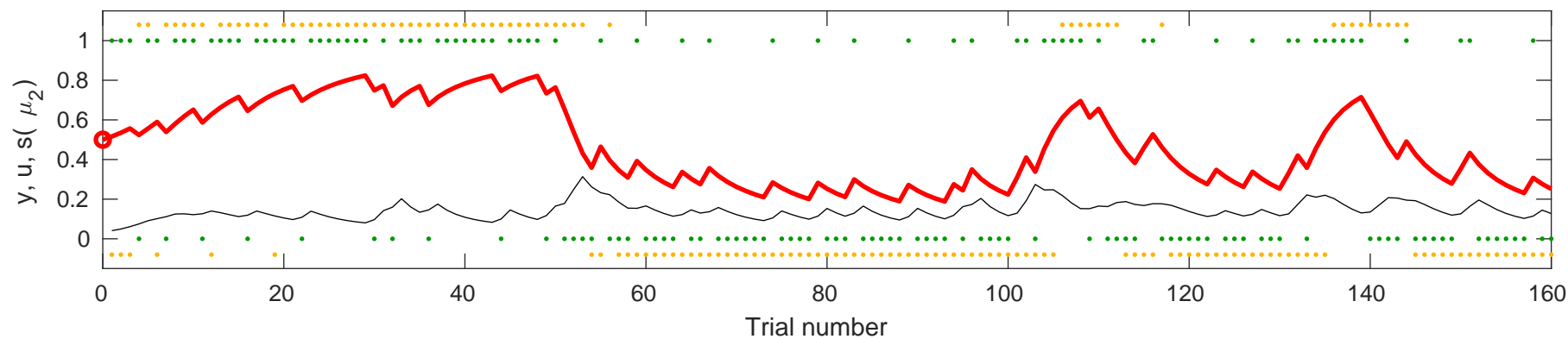


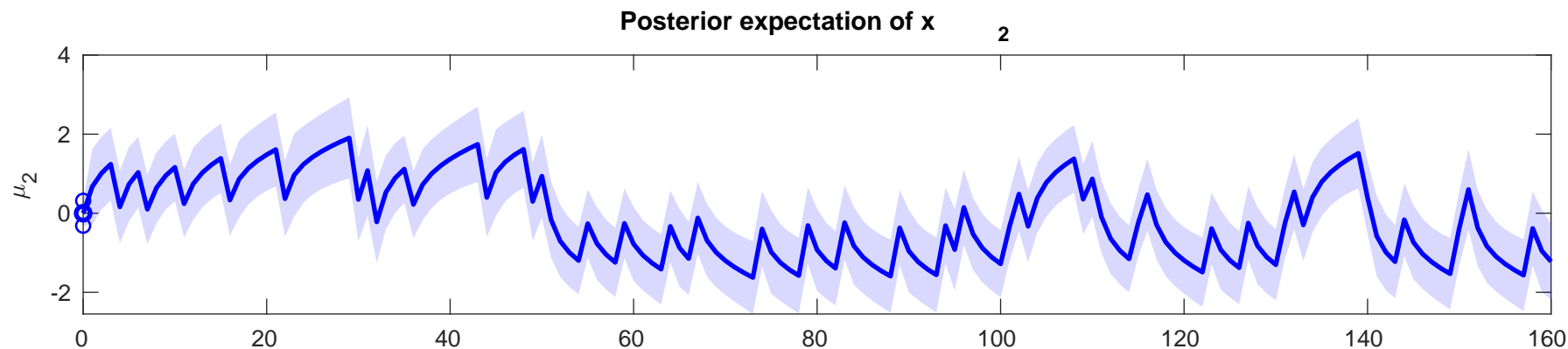
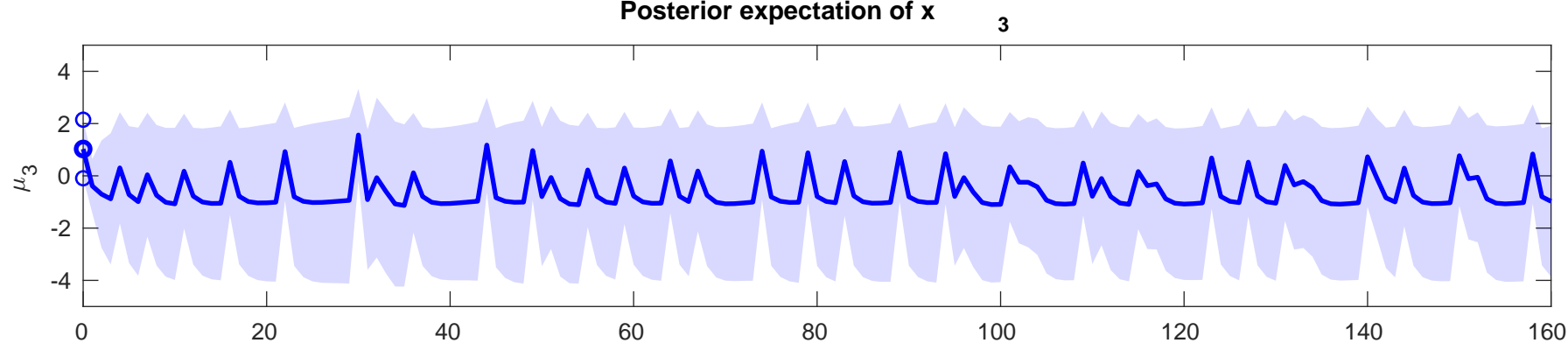
Plot of the posterior expectation of x_2 (red line) over 160 trials. The y-axis ranges from -4 to 6. The plot shows a highly oscillatory signal with a light blue shaded area representing the uncertainty. The signal starts at 0 and fluctuates significantly throughout the trials.



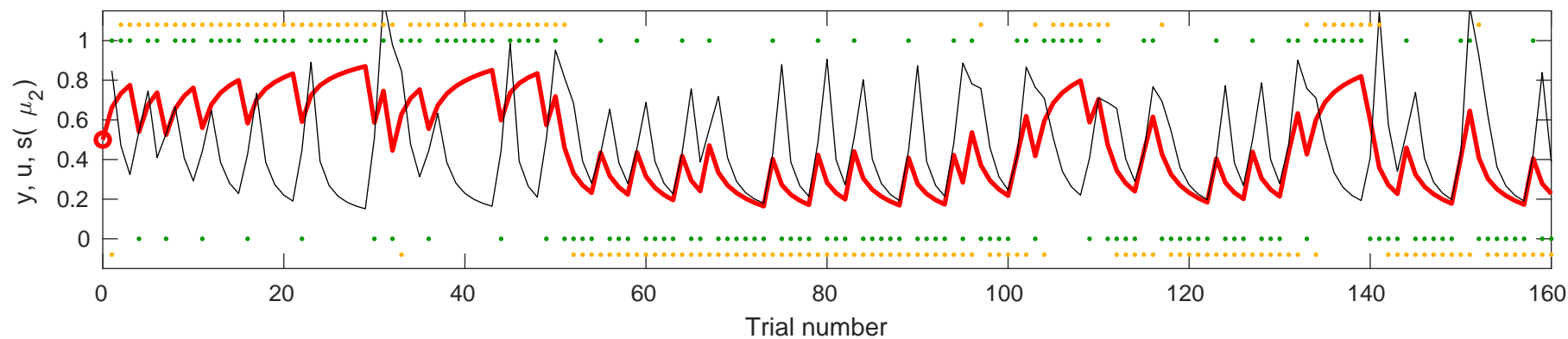


use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.307$



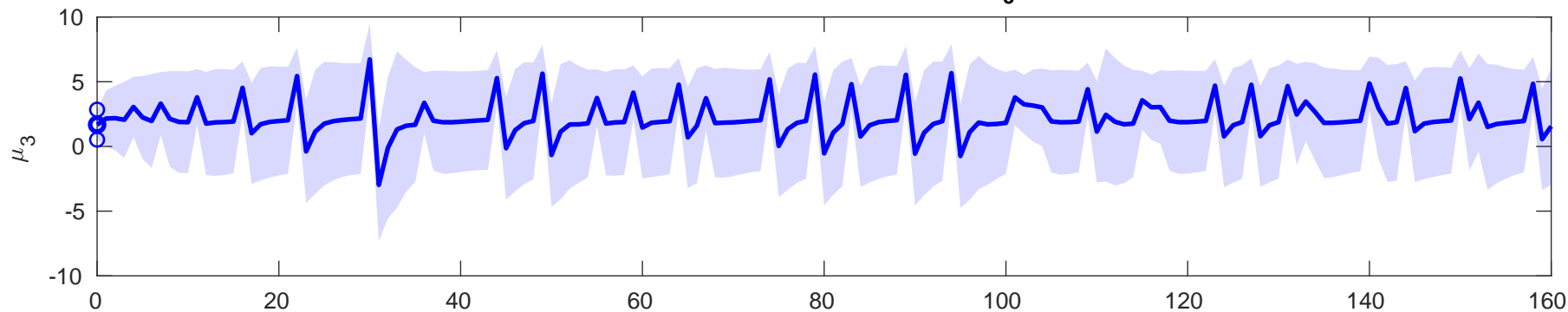


the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(μ_2) (red) for $\rho=0.0$, $\kappa=1$, $\omega=-0.48599$

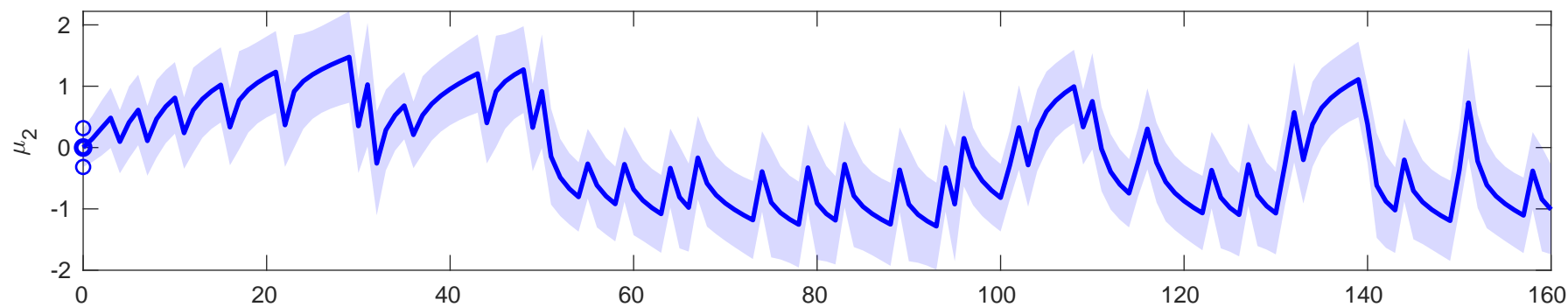


Posterior expectation of x

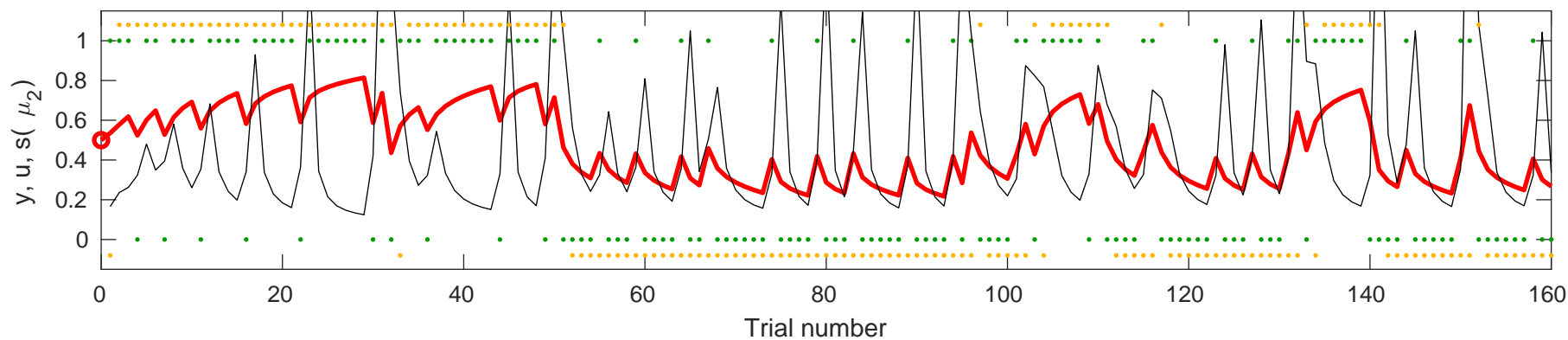
3

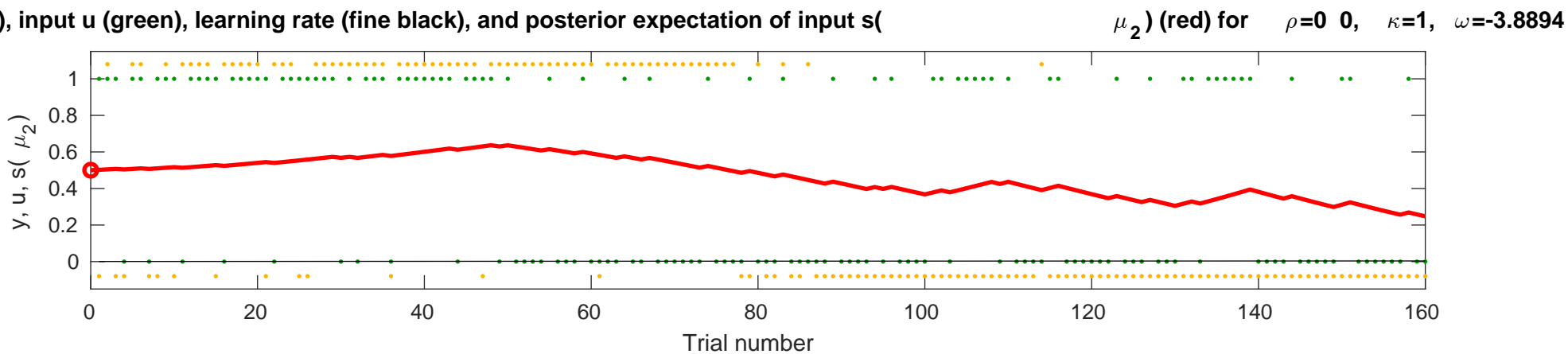
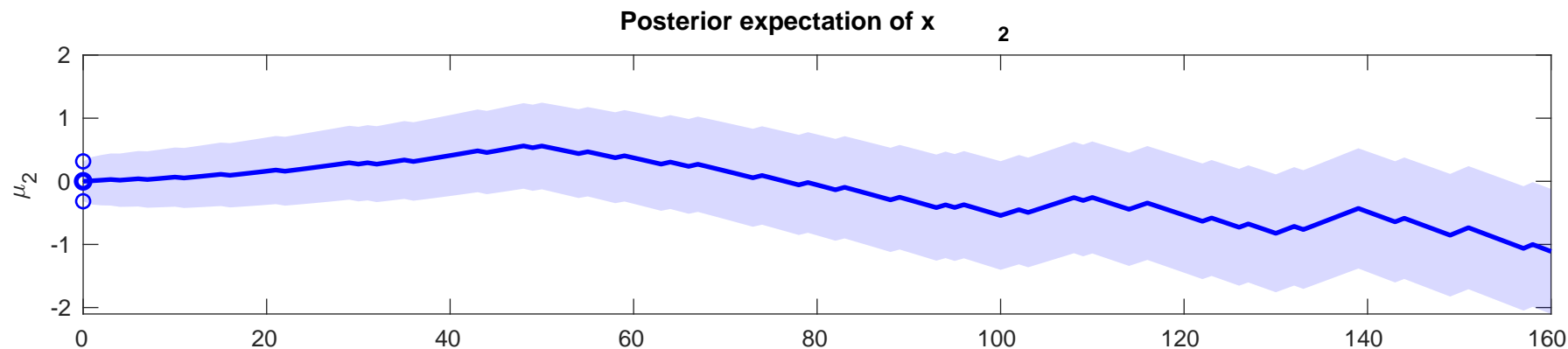
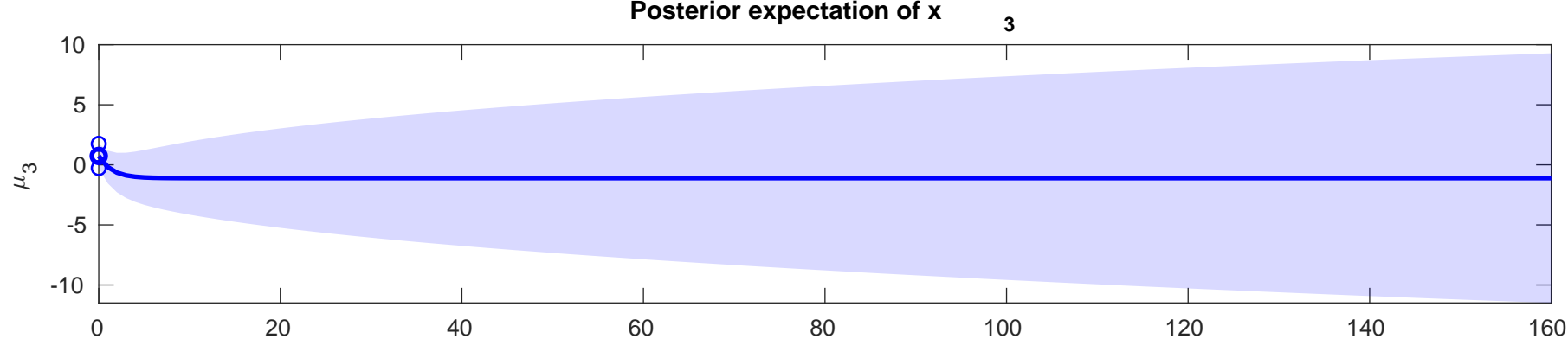
Posterior expectation of x

2



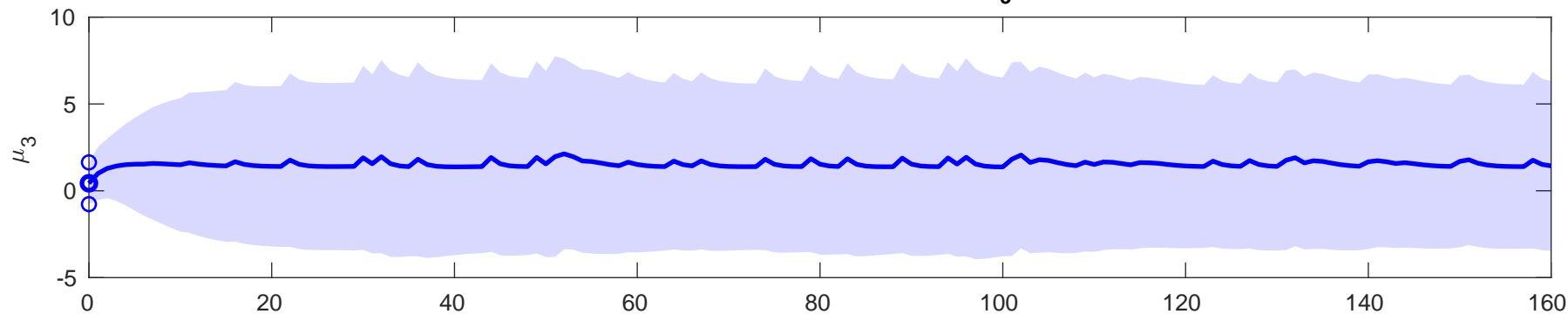
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.3933$



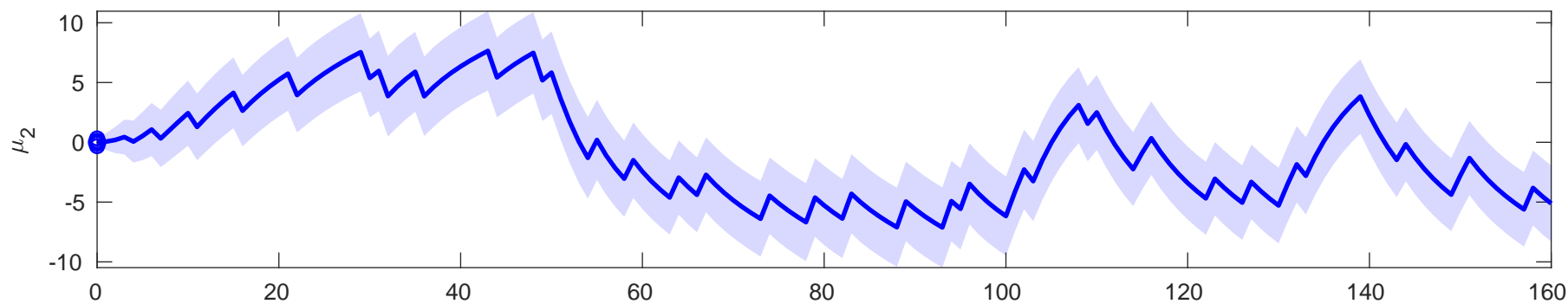


Posterior expectation of x

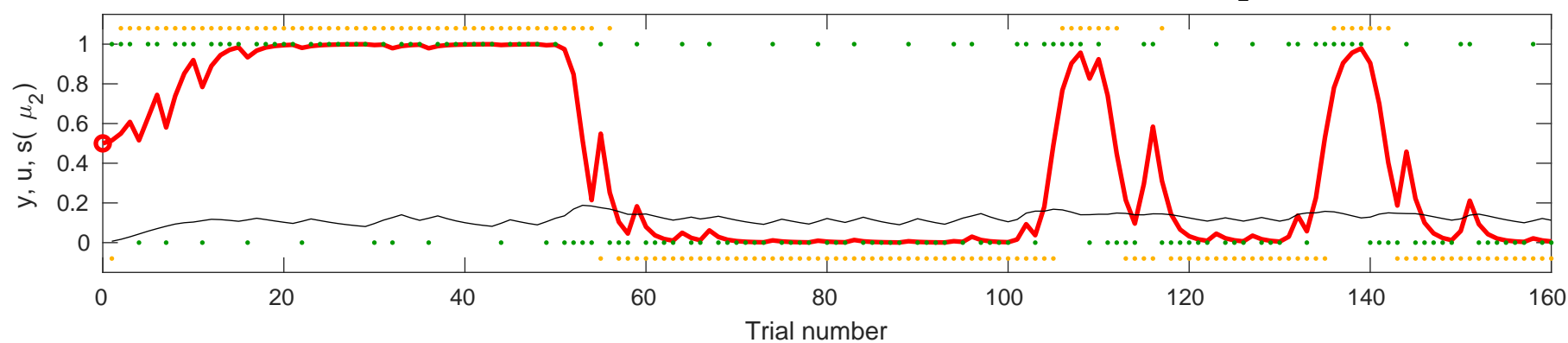
3

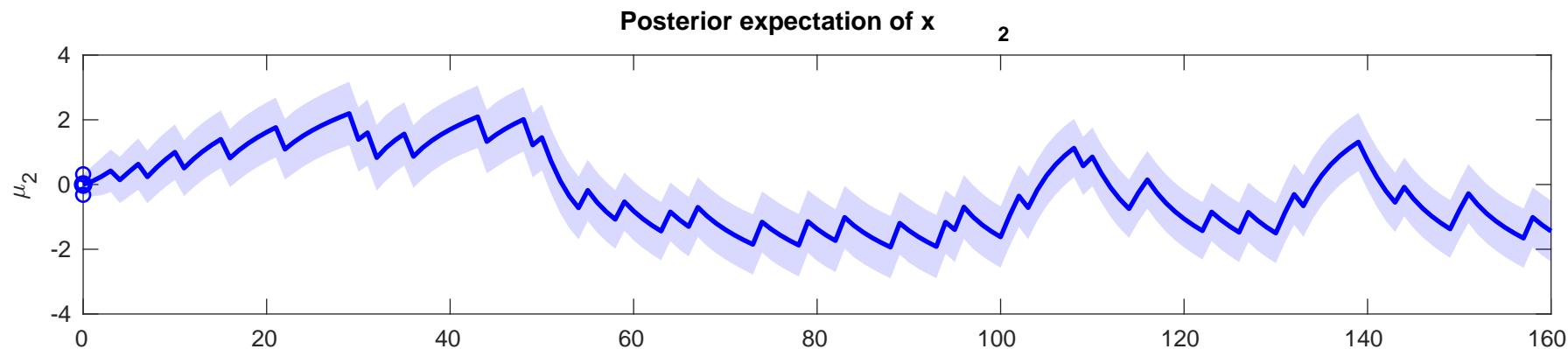
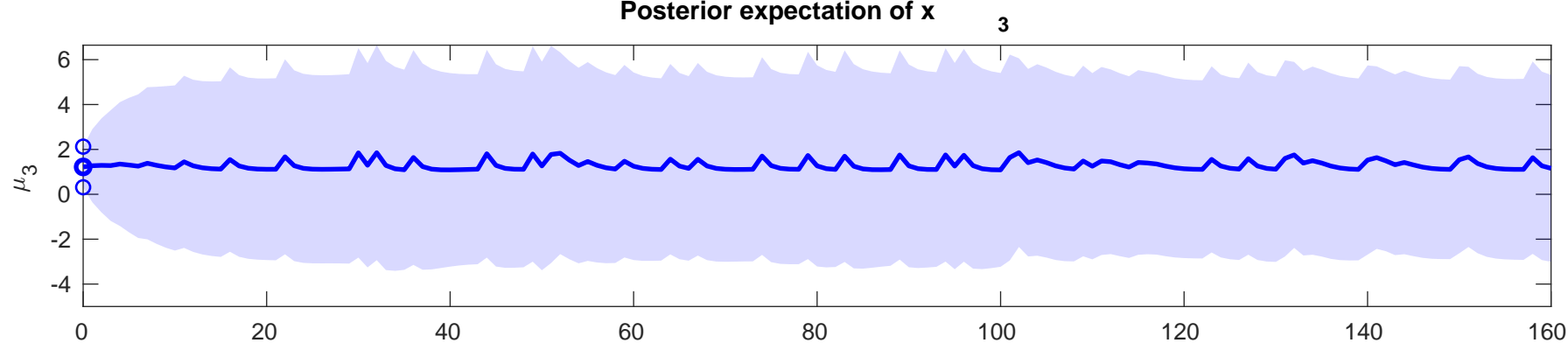
Posterior expectation of x

2

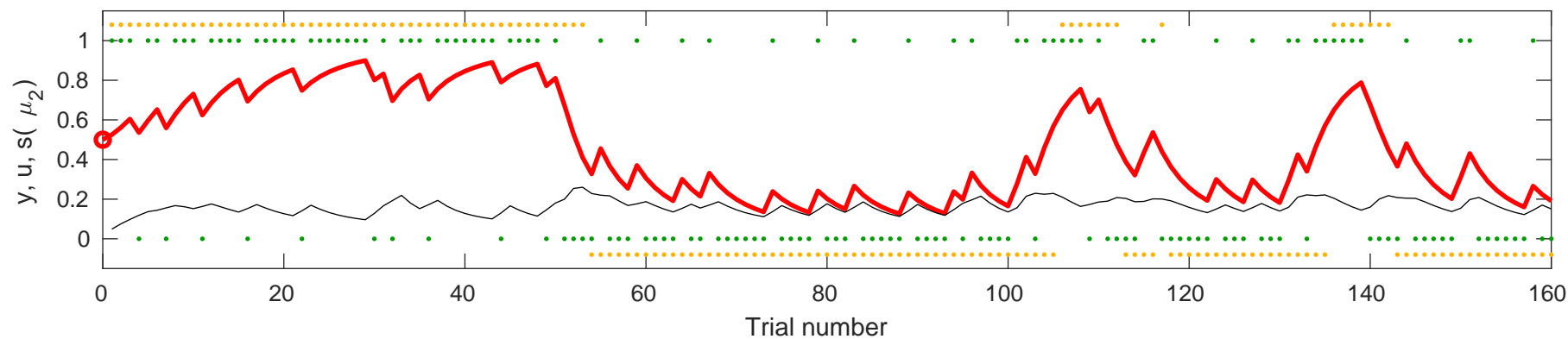


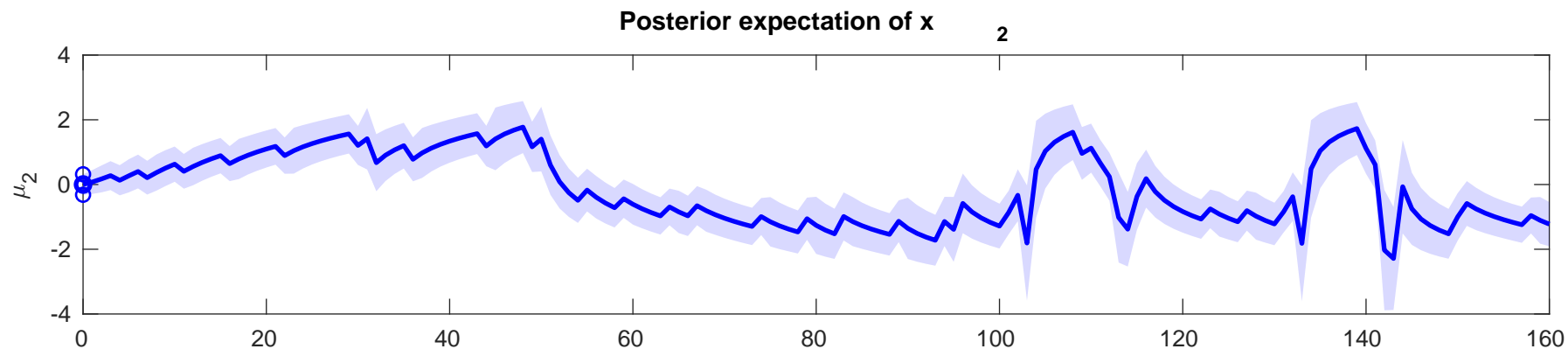
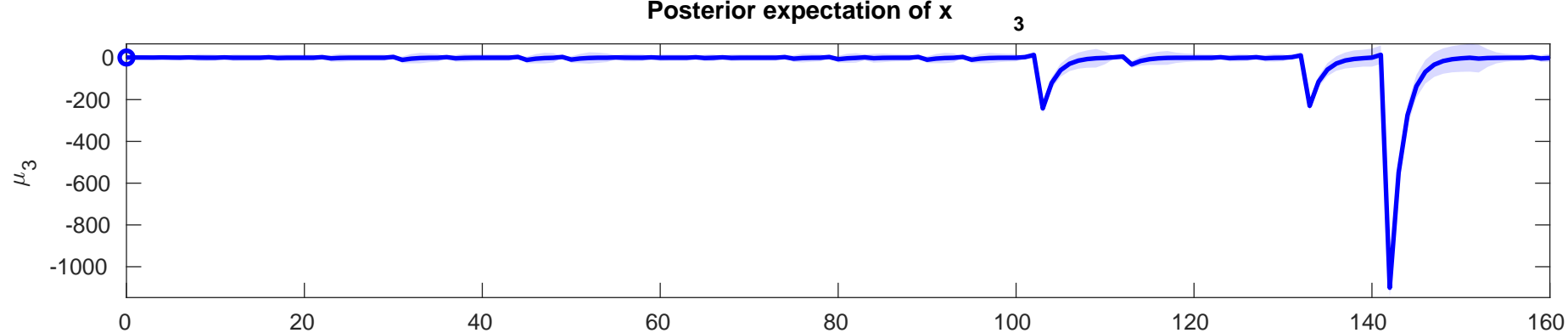
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.3174$



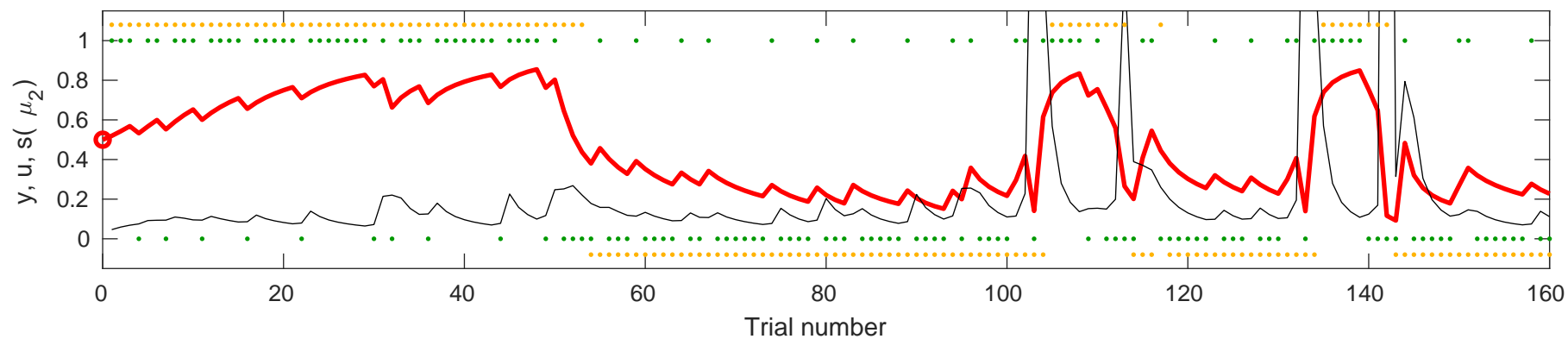


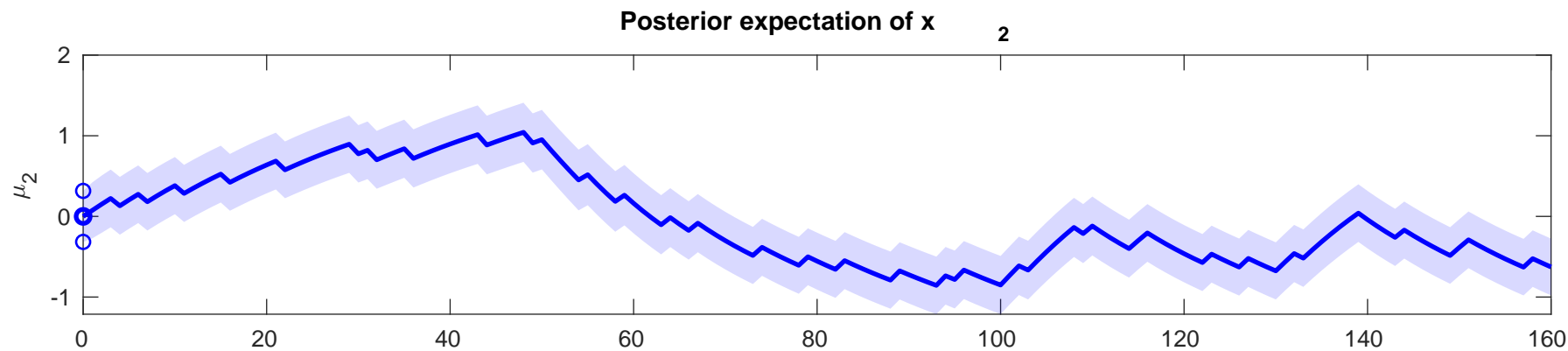
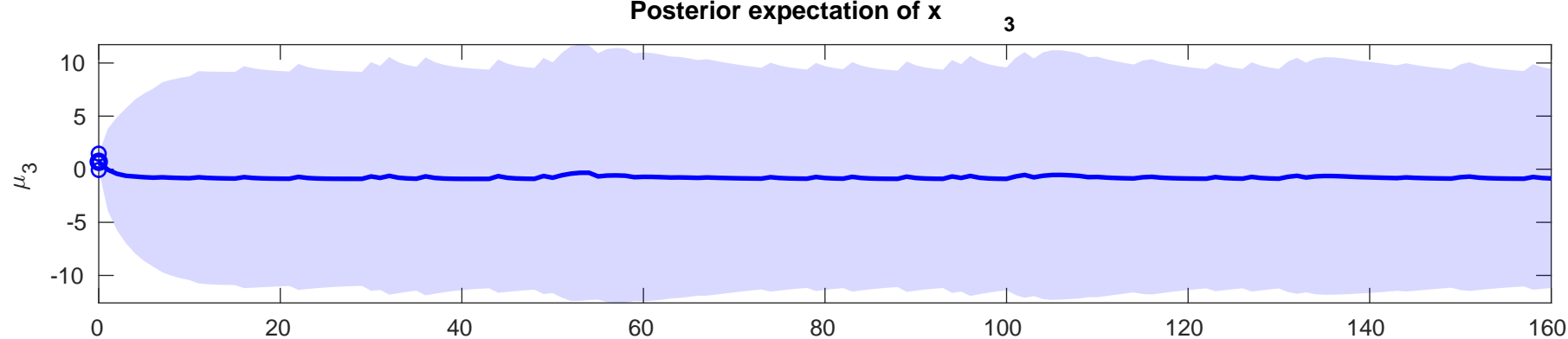
Posterior expectation of y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-3.25$



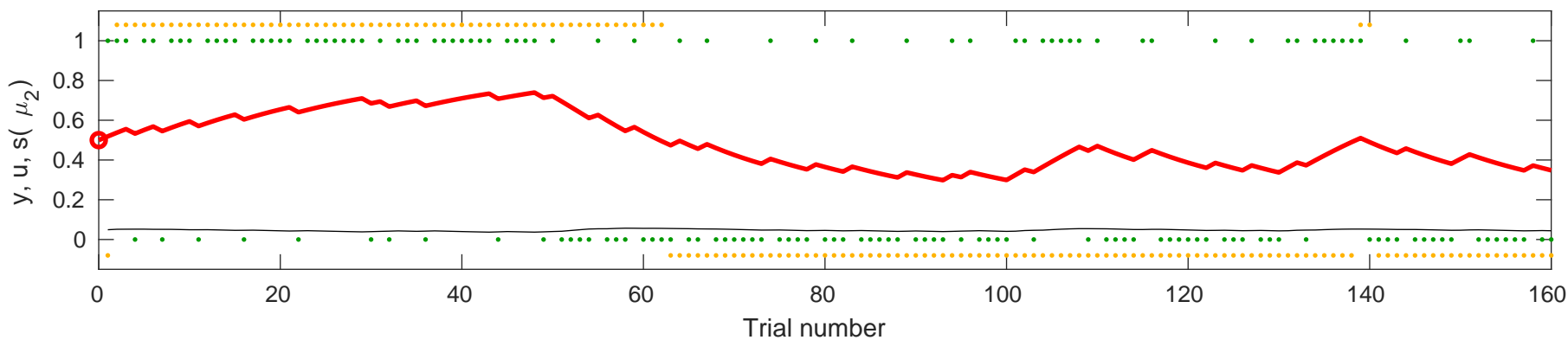


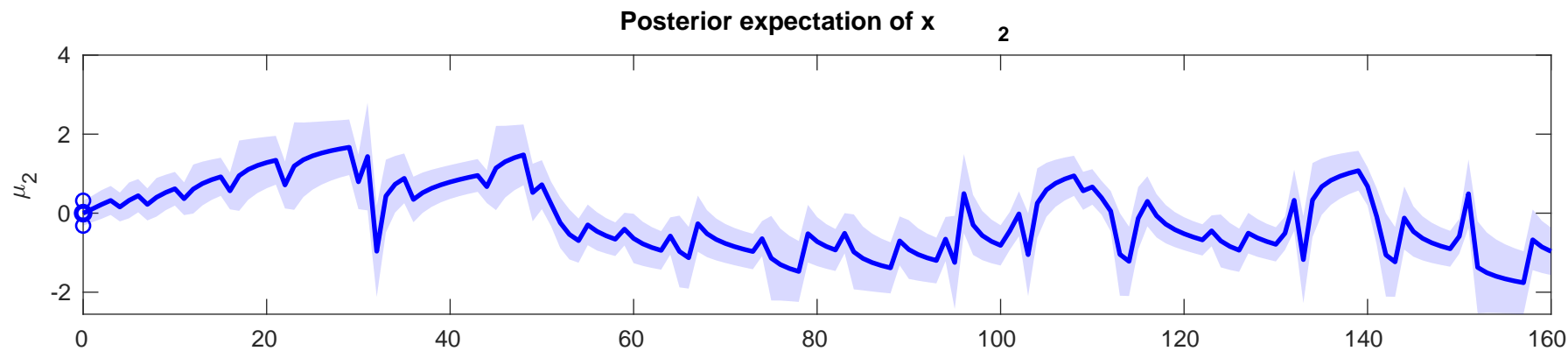
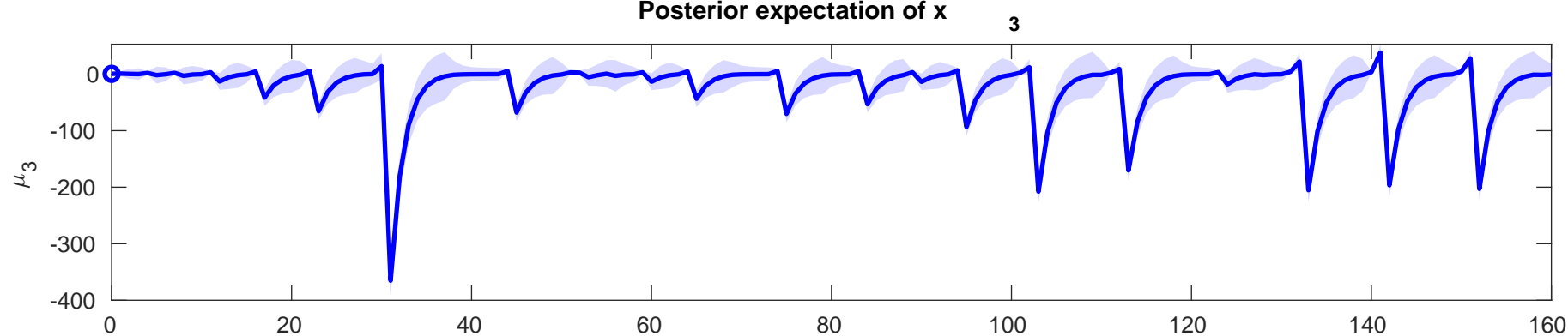
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.617$



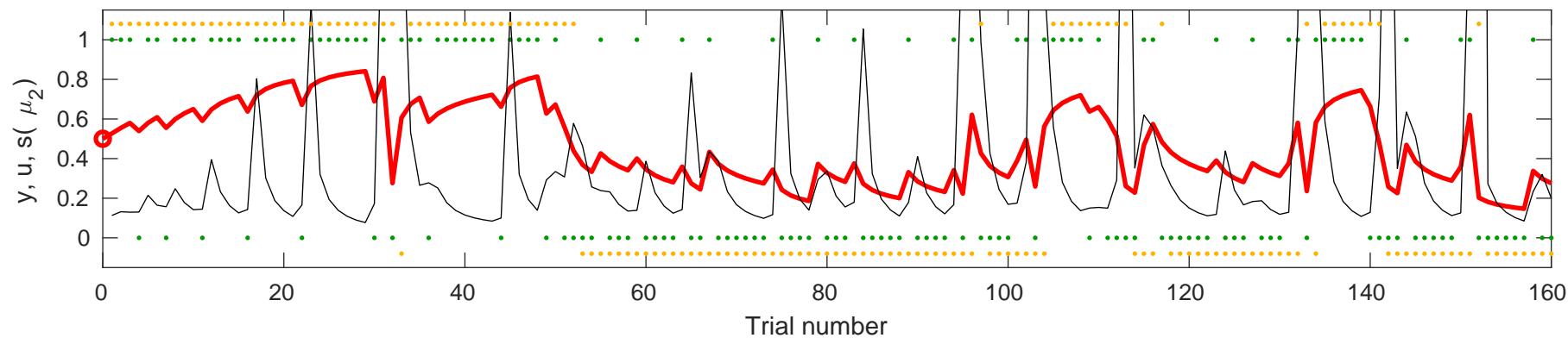


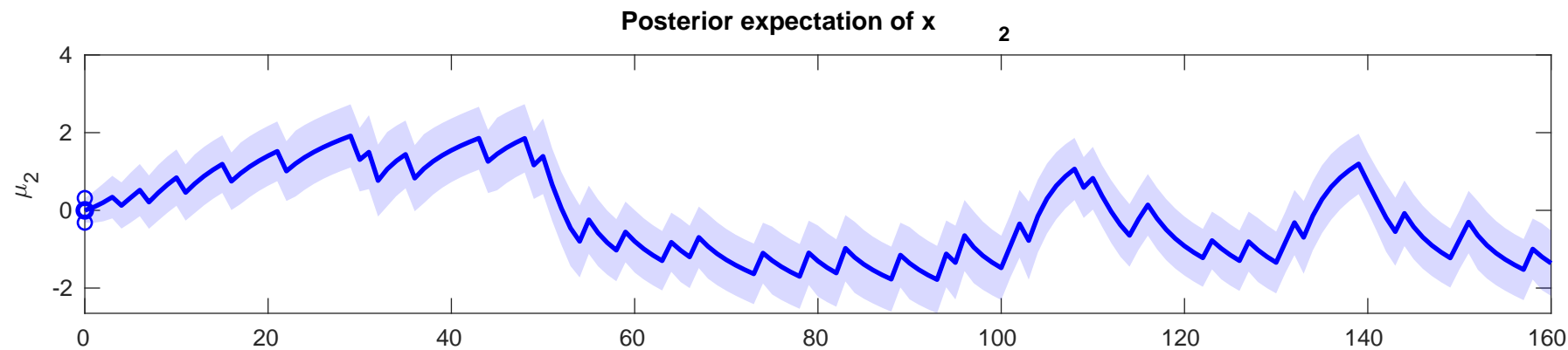
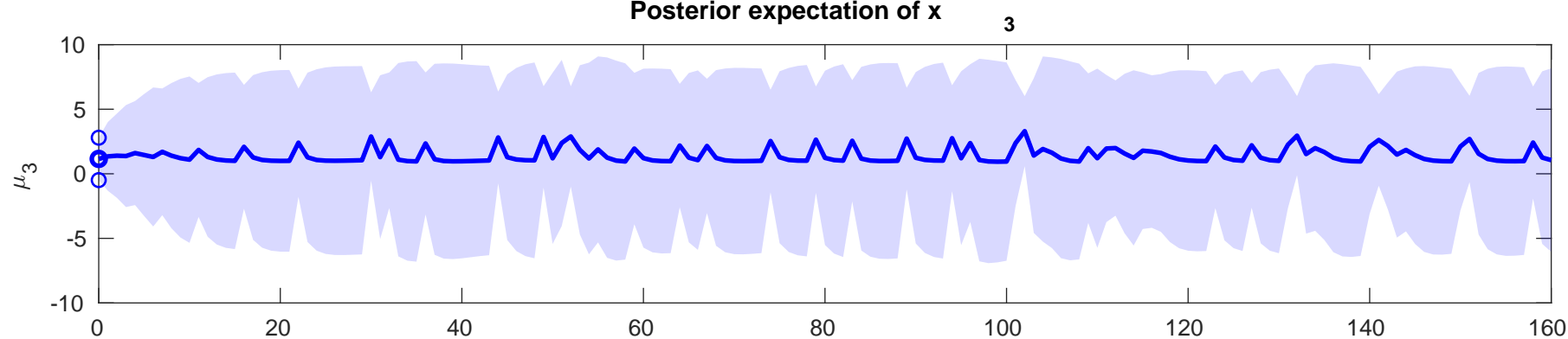
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.3399$



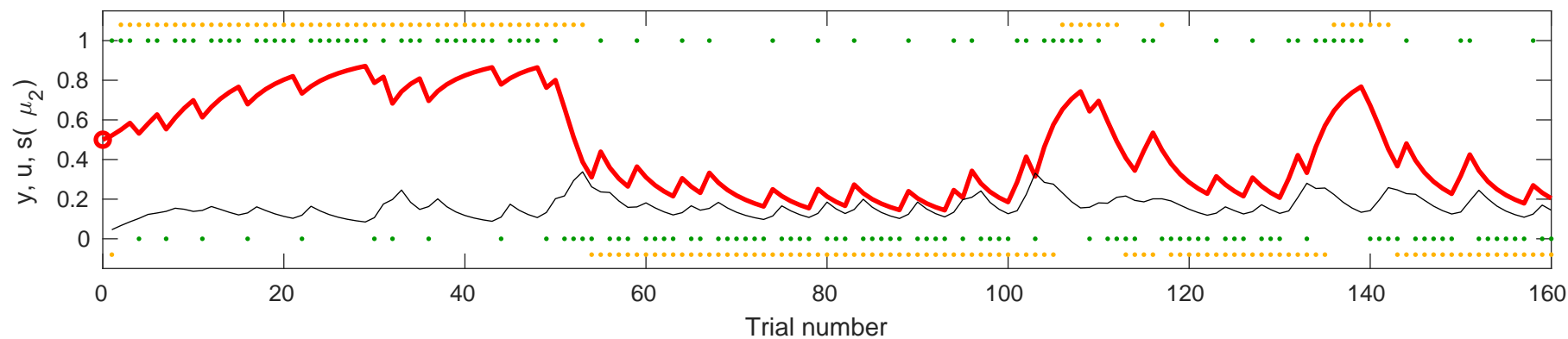


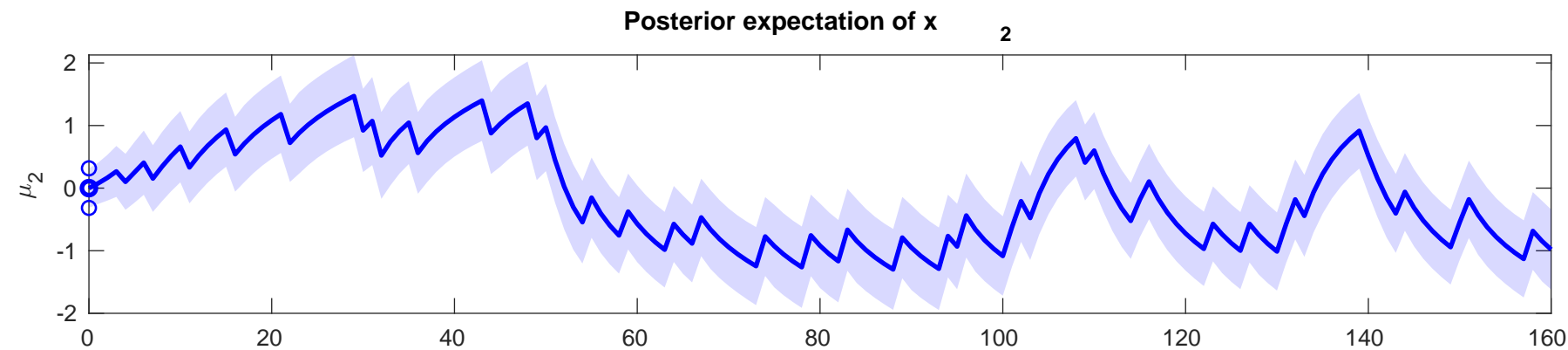
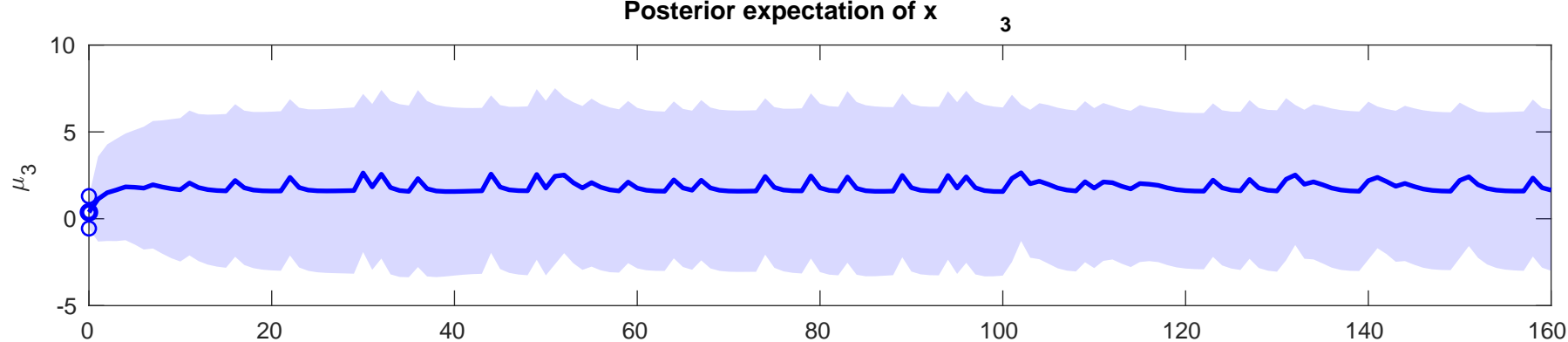
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.2125$



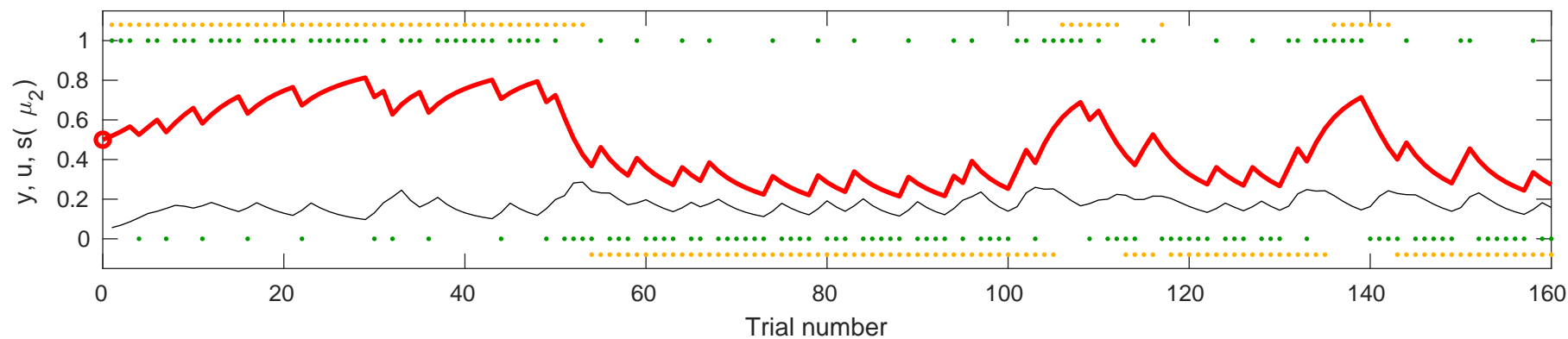


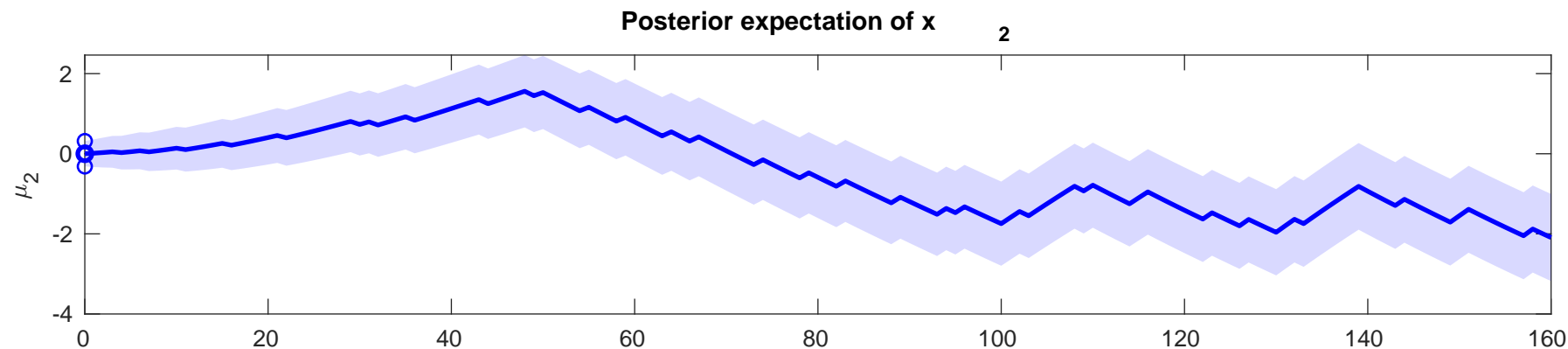
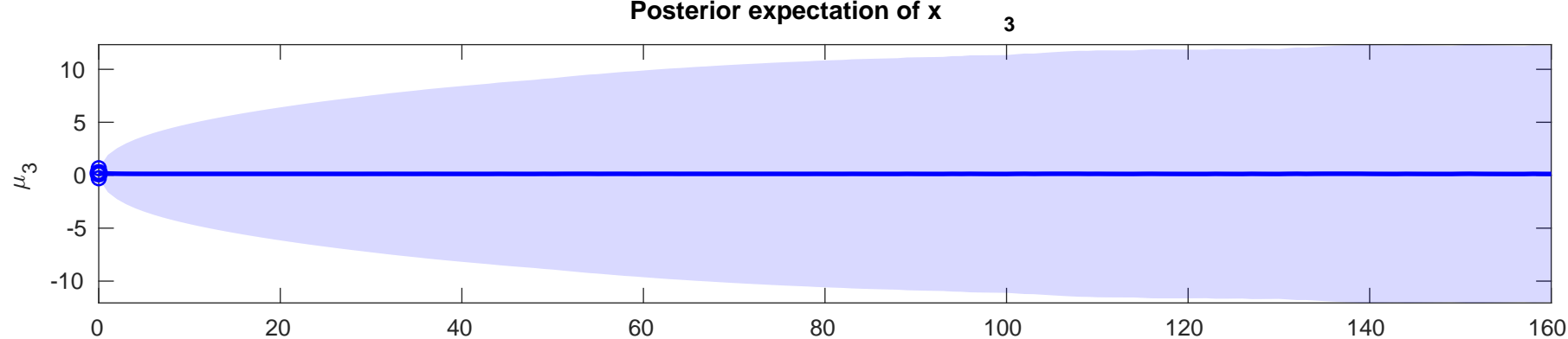
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-3.7903$



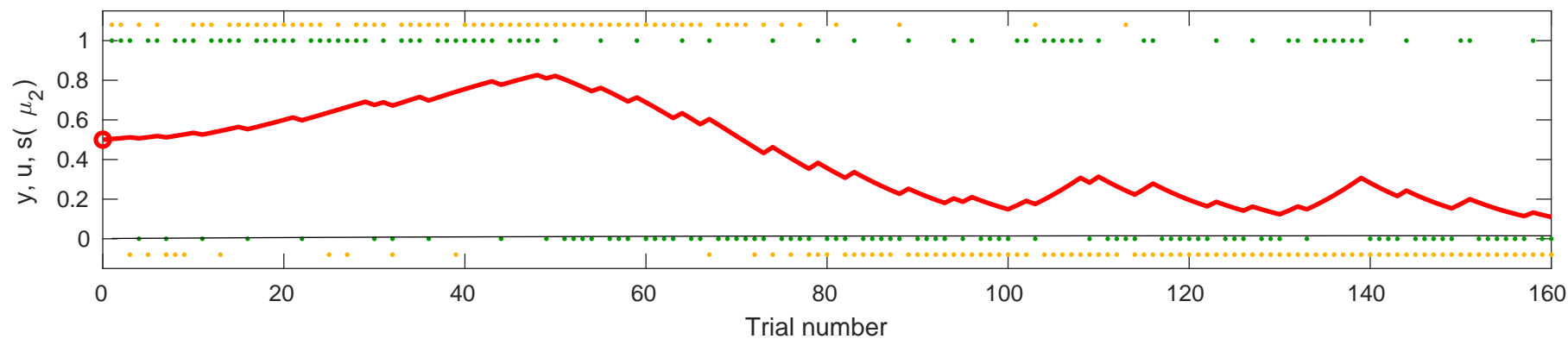


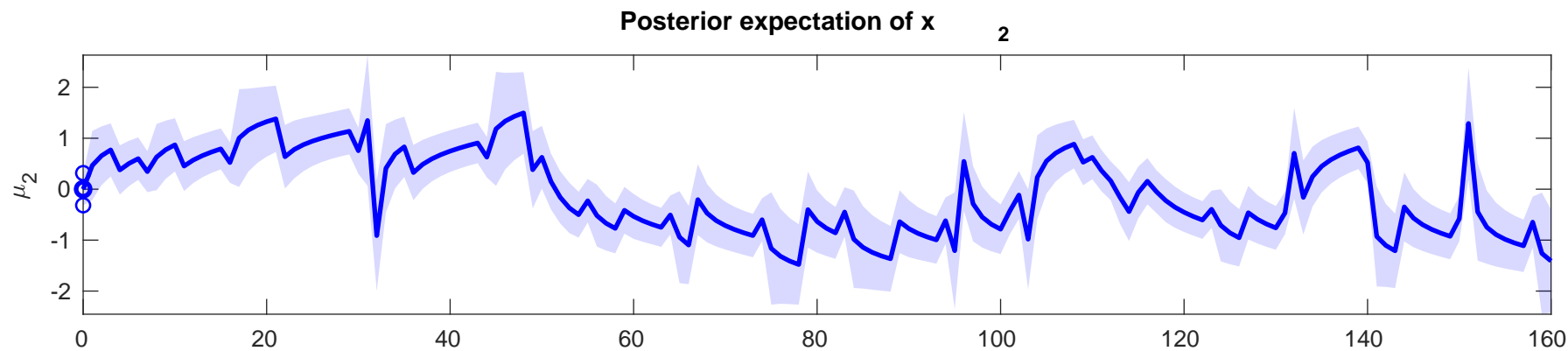
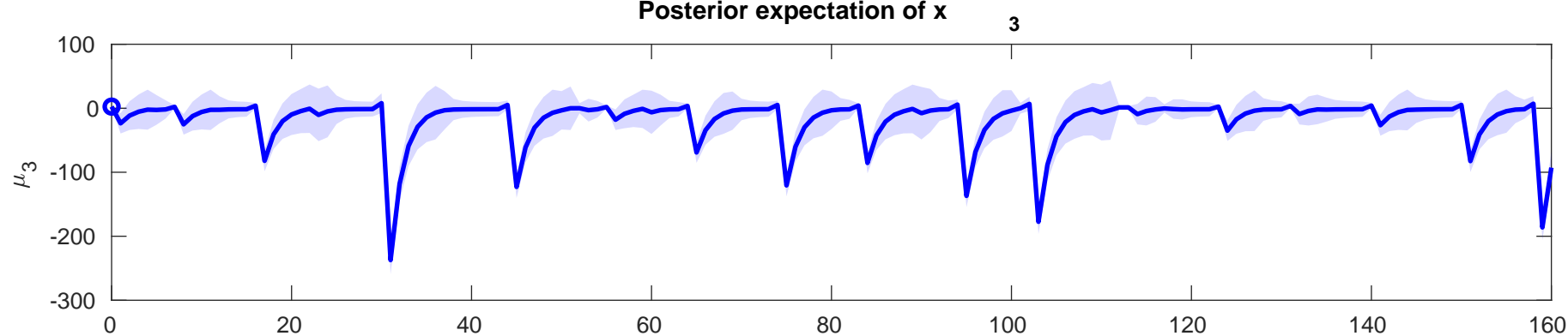
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.5496$



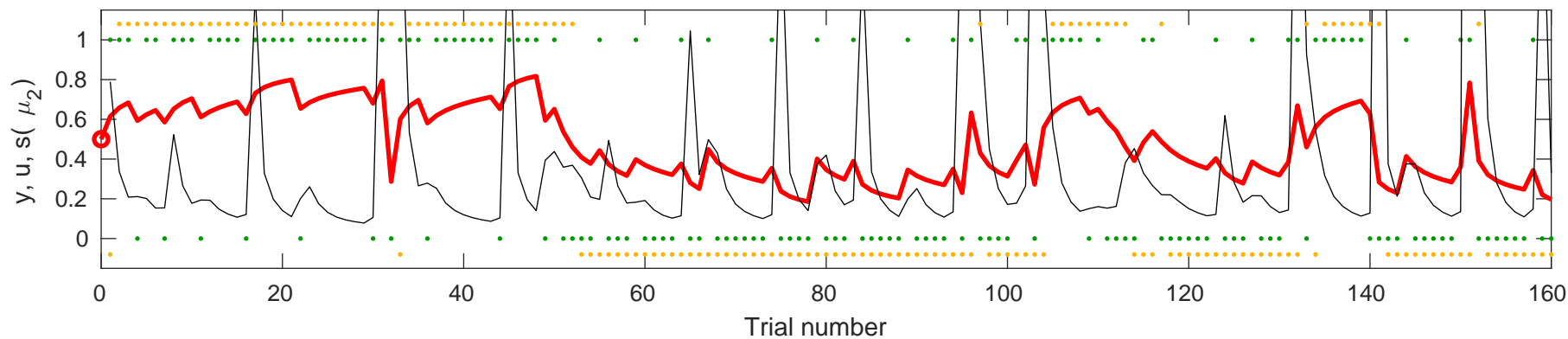


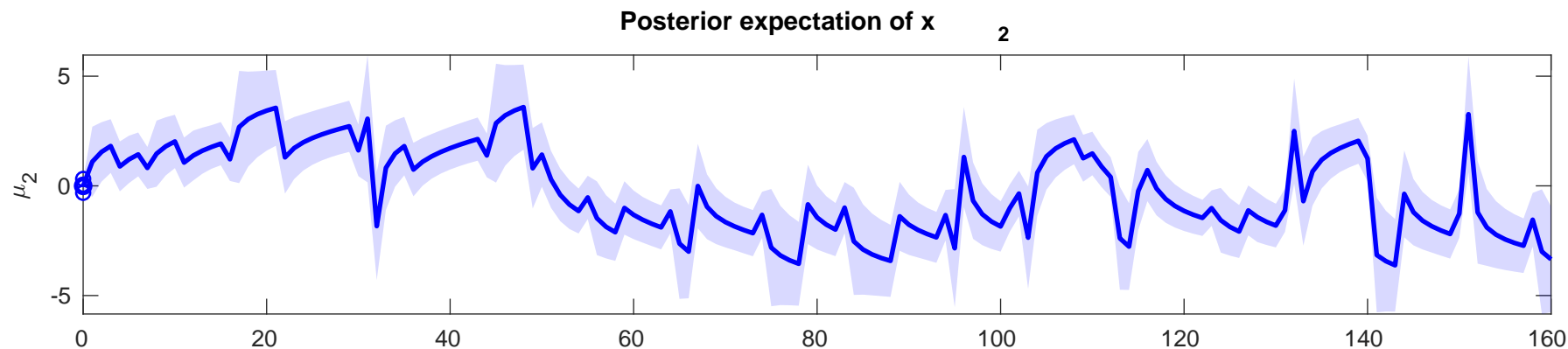
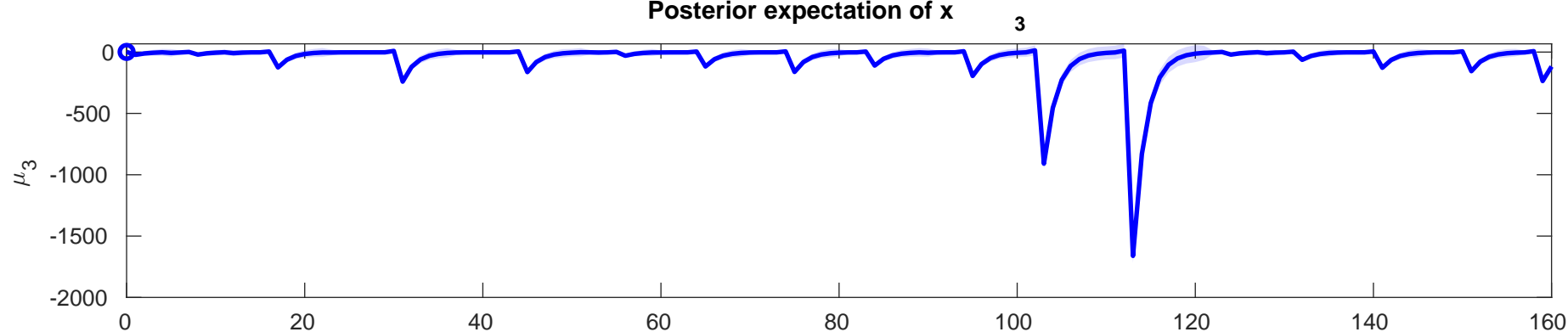
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-4.101$





se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.8223$





se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=0.18468$

