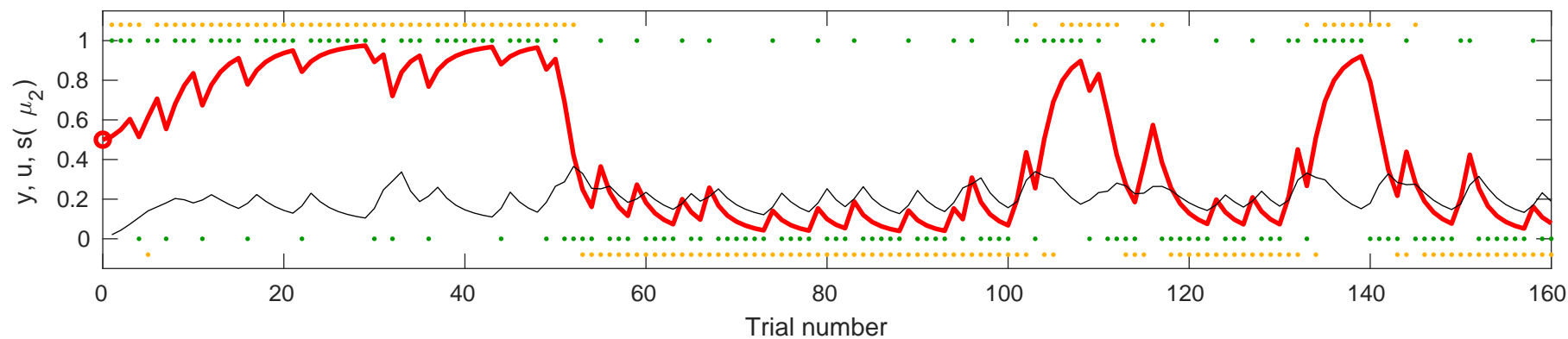
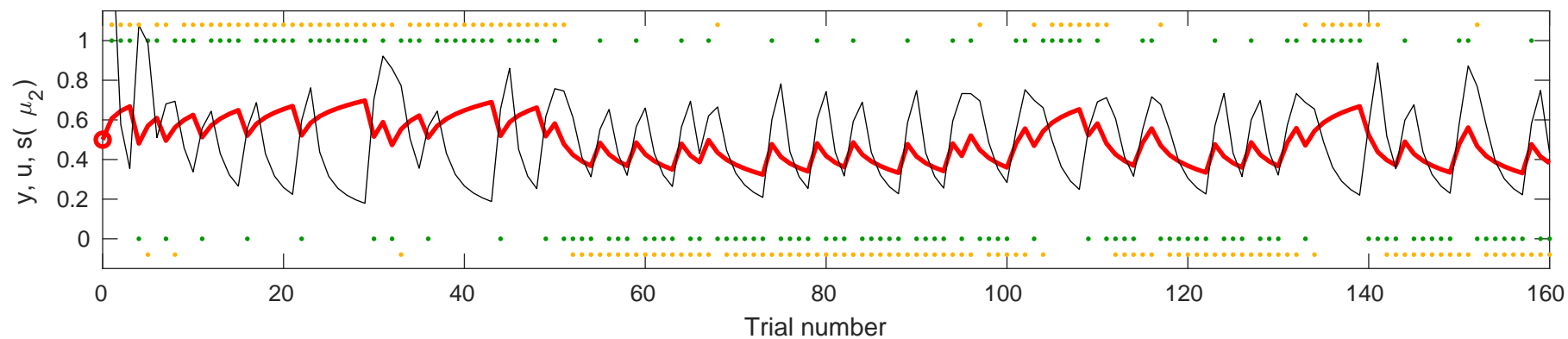
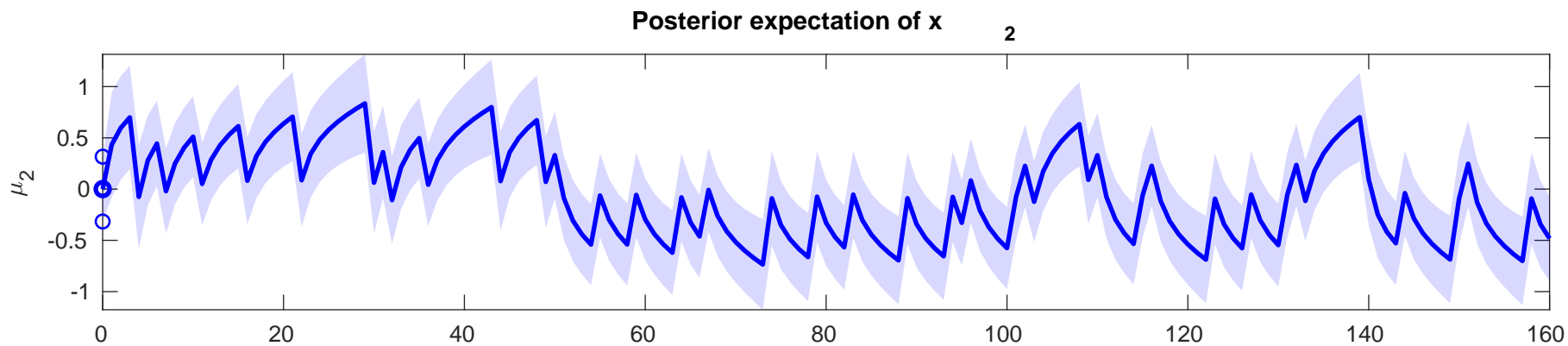
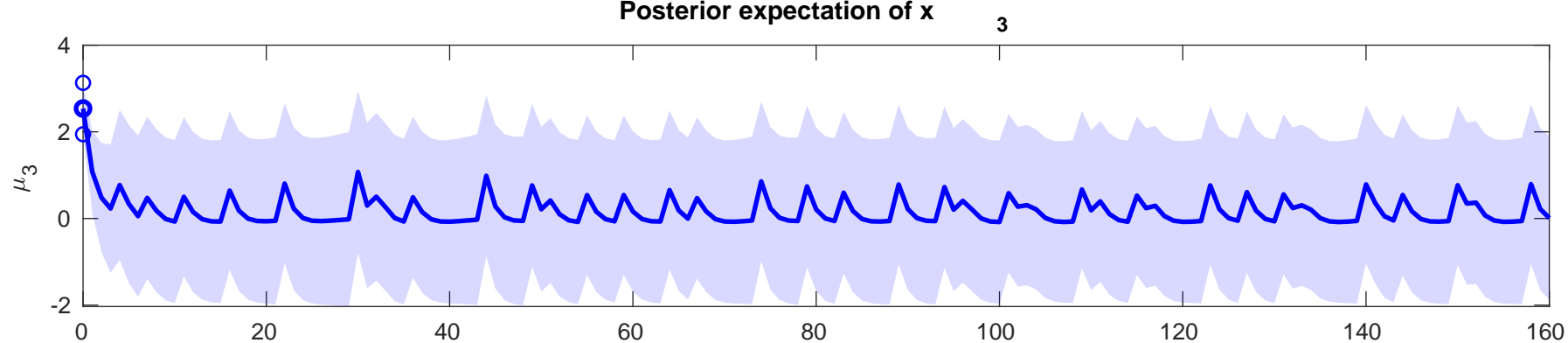
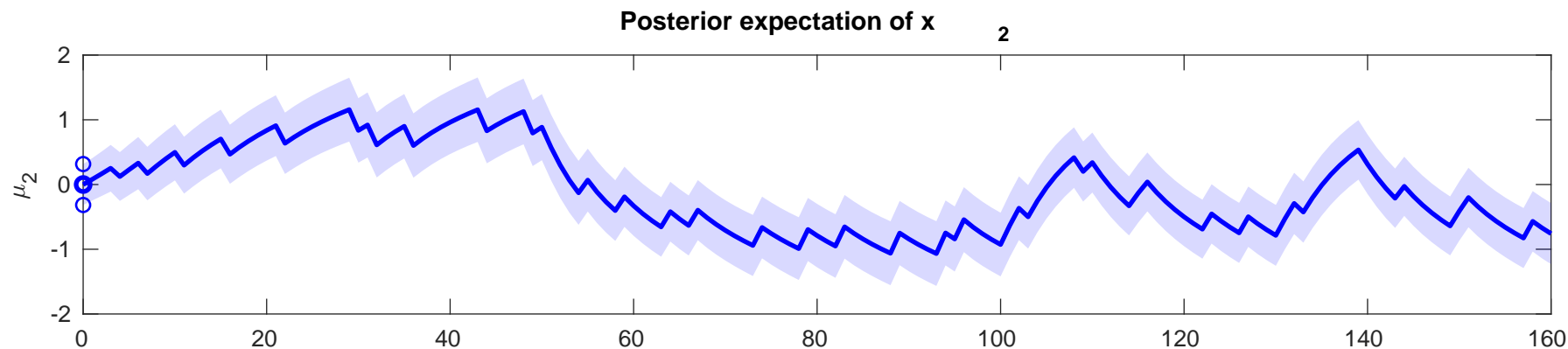
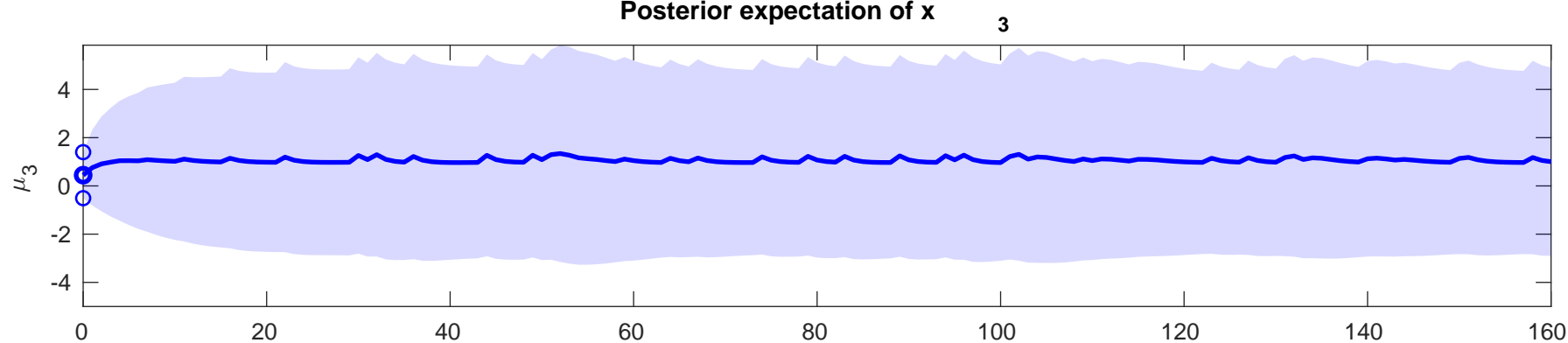


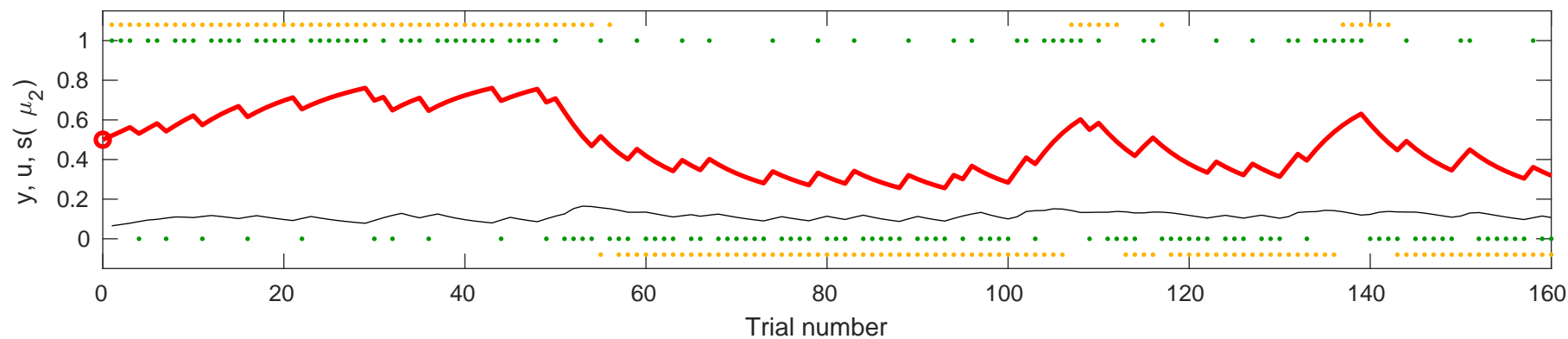
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.1338$

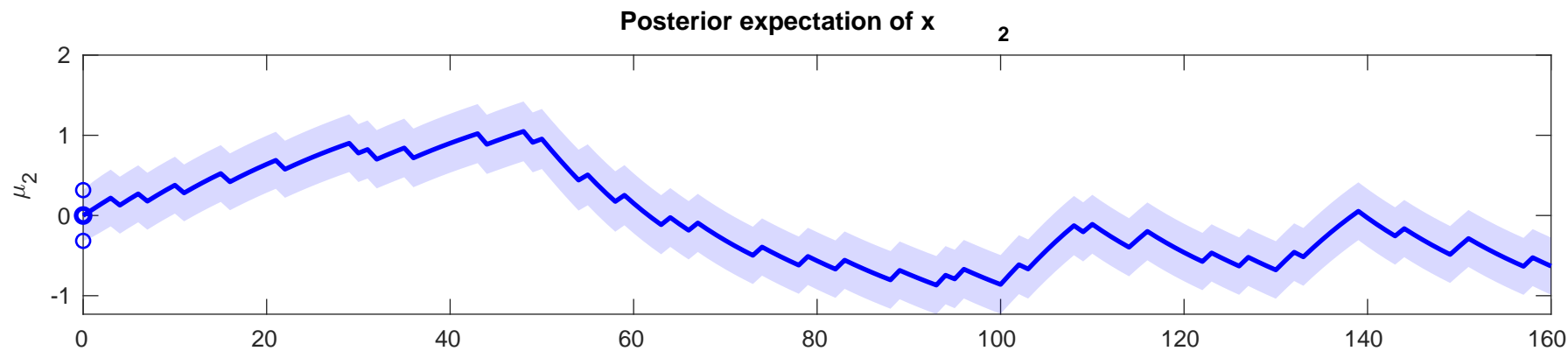
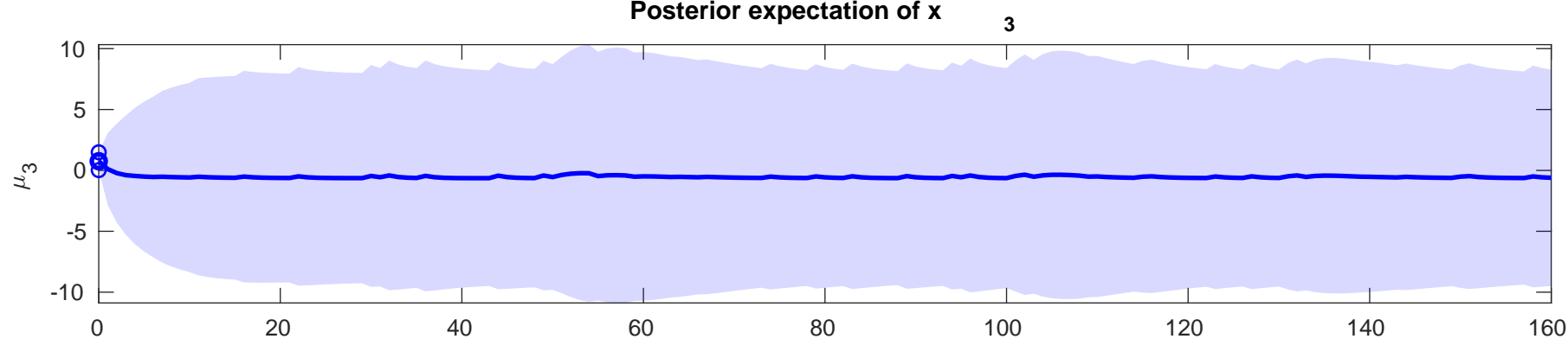




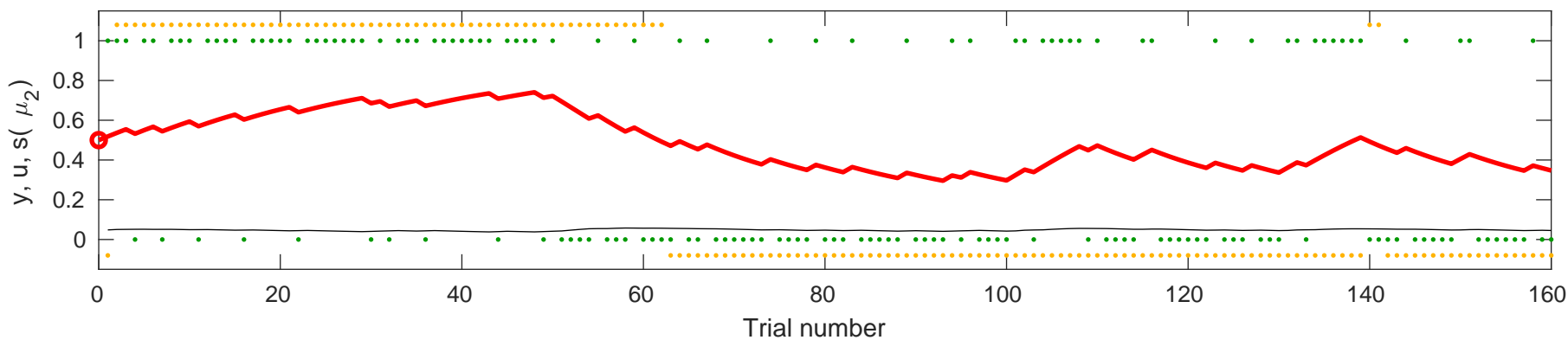


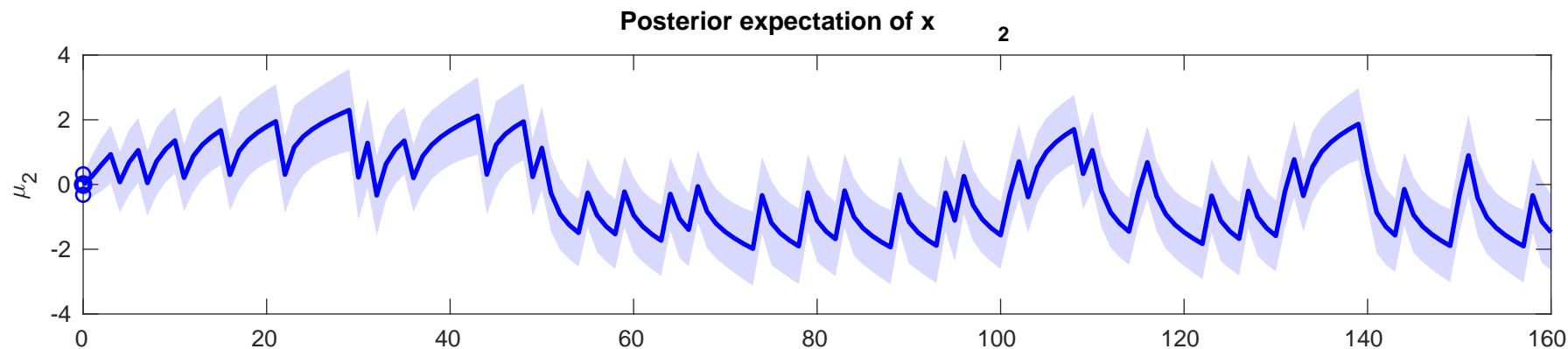
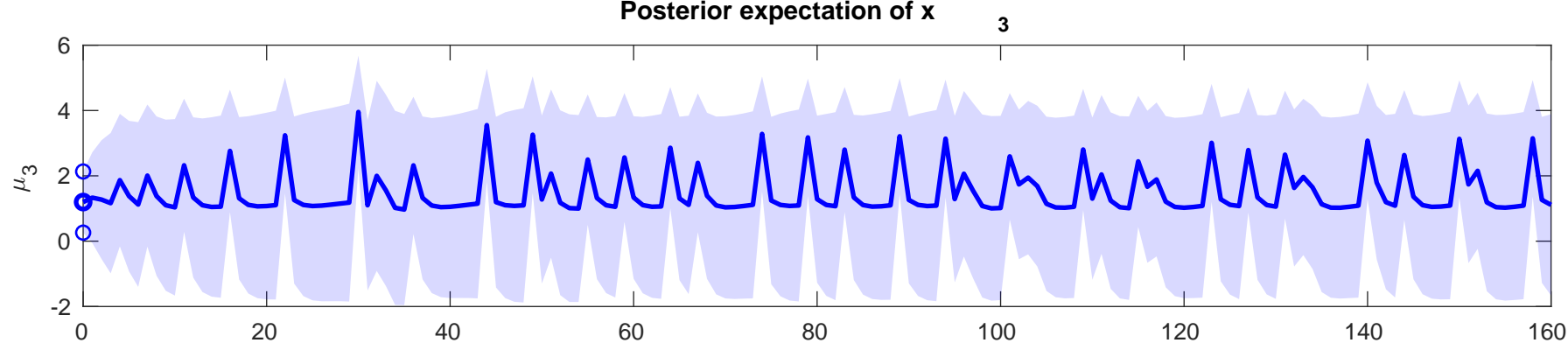
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-4.7043$



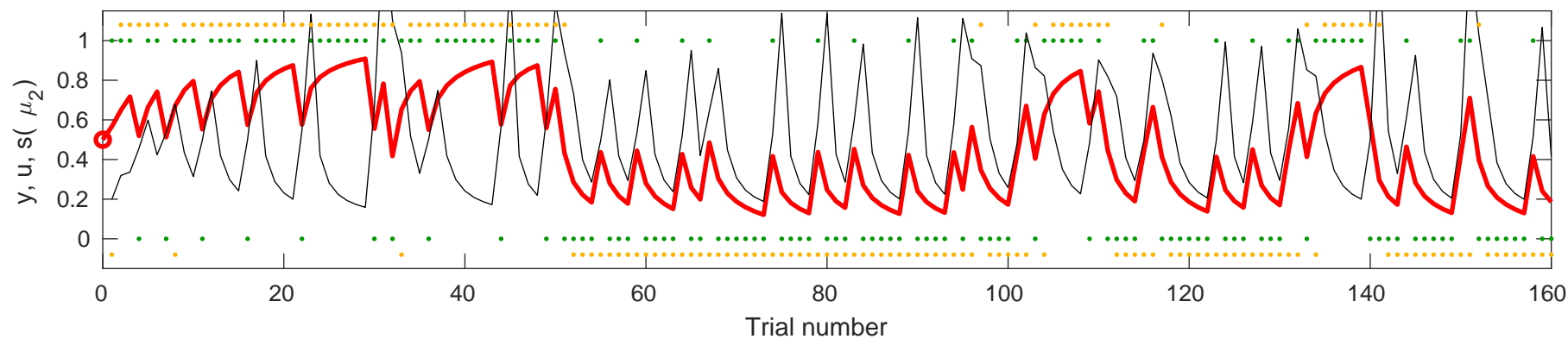


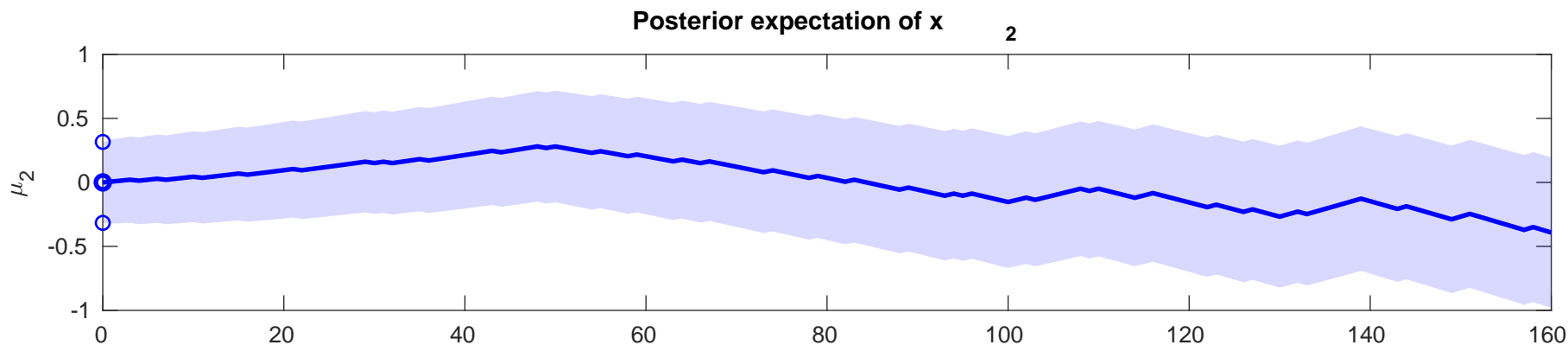
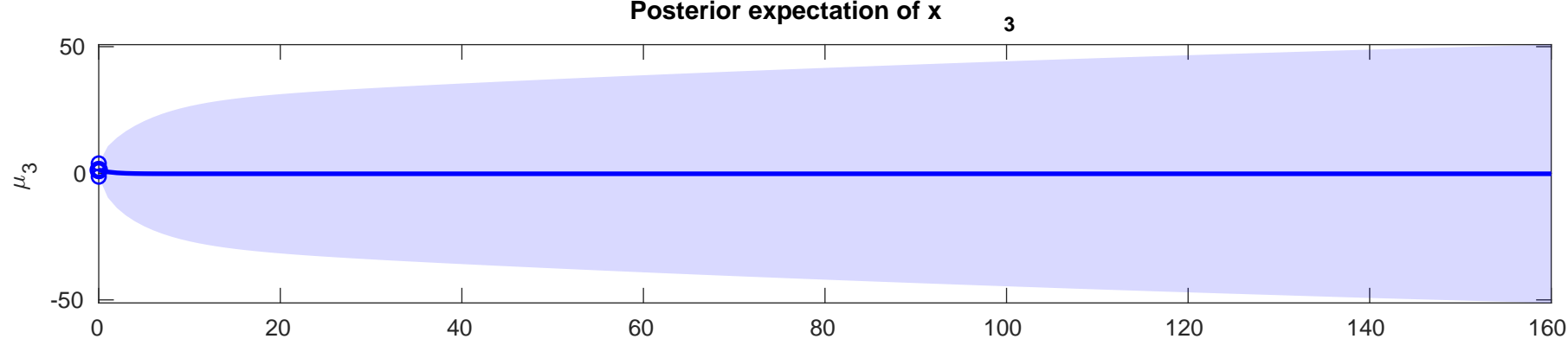
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.5316$



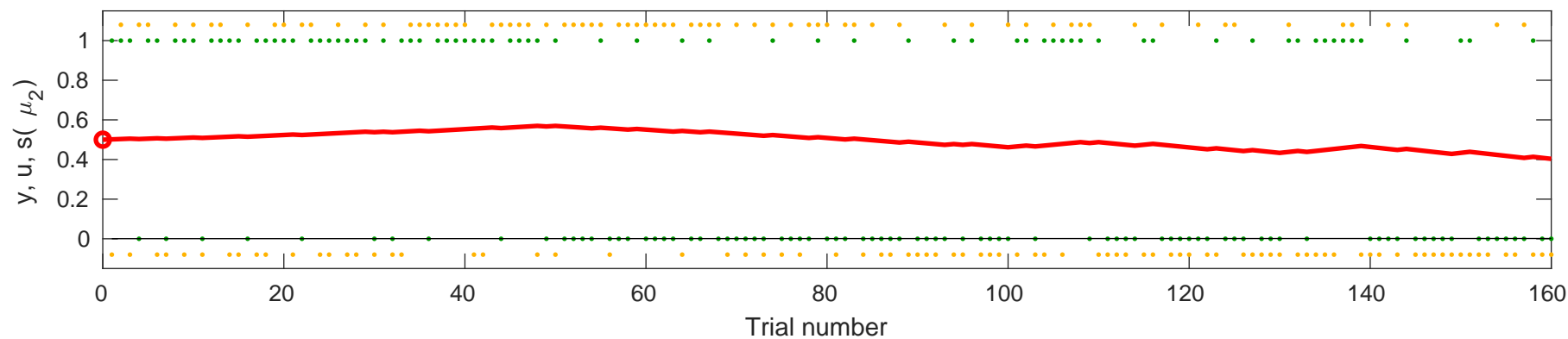


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.0946$

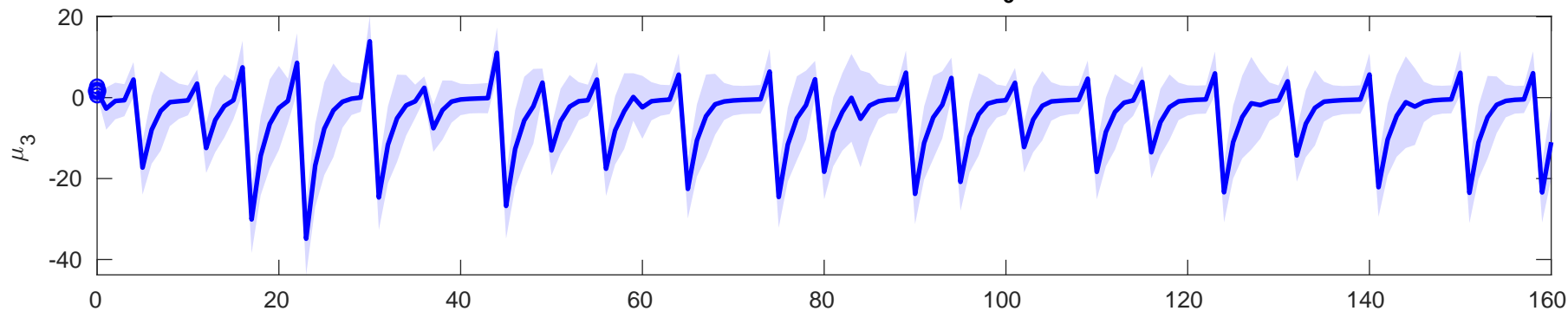




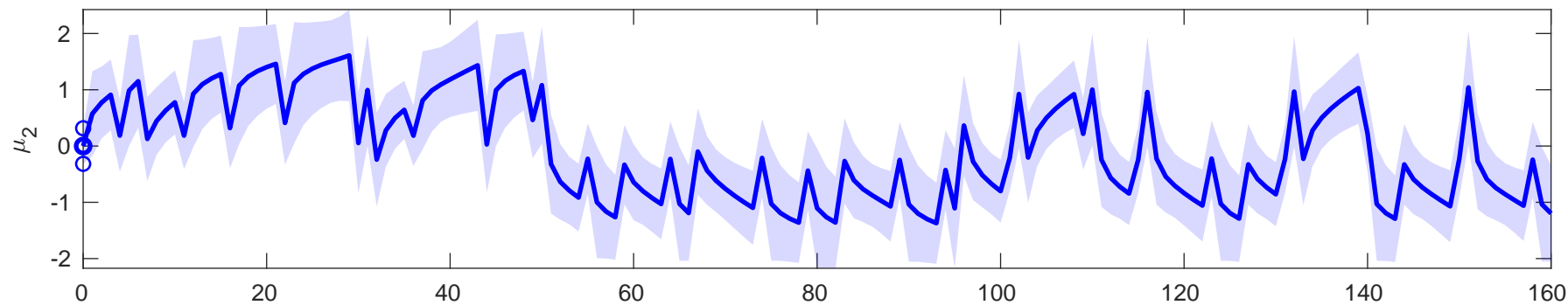
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-6.1676$



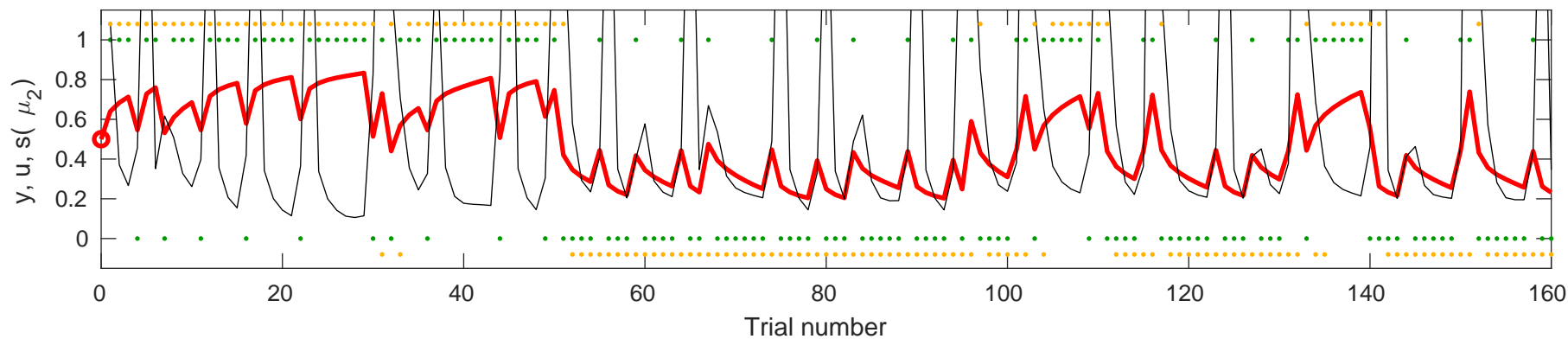
Posterior expectation of  $x$  **3**

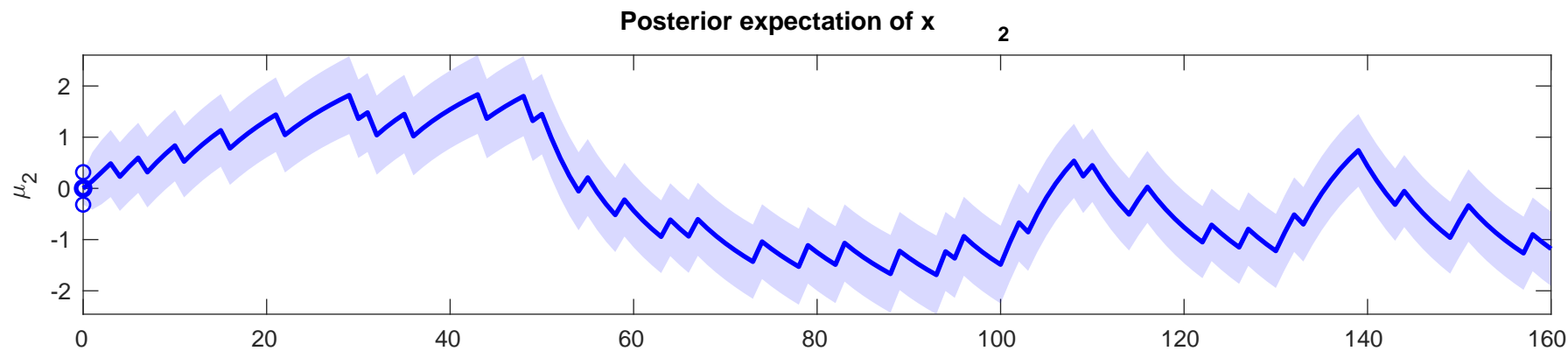
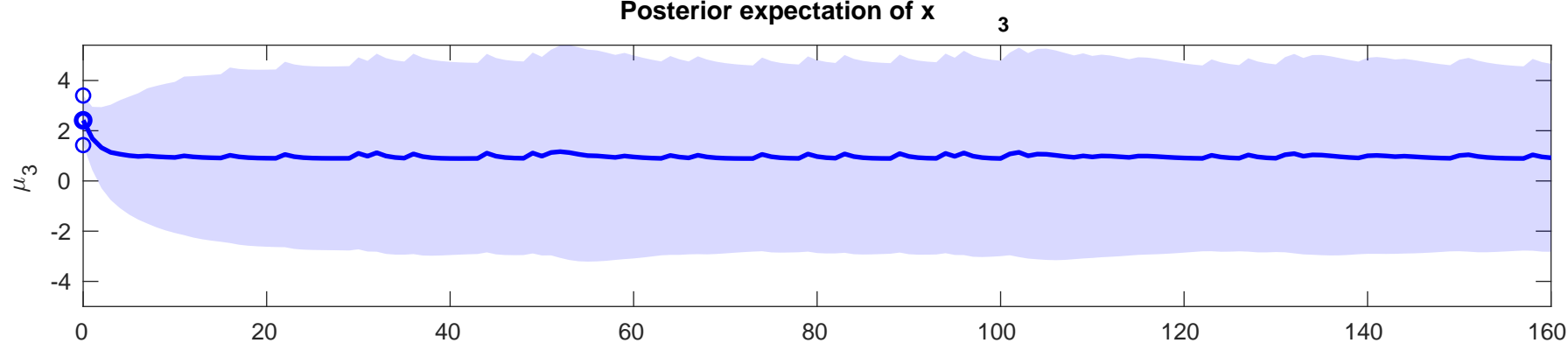


Posterior expectation of  $x$  **2**

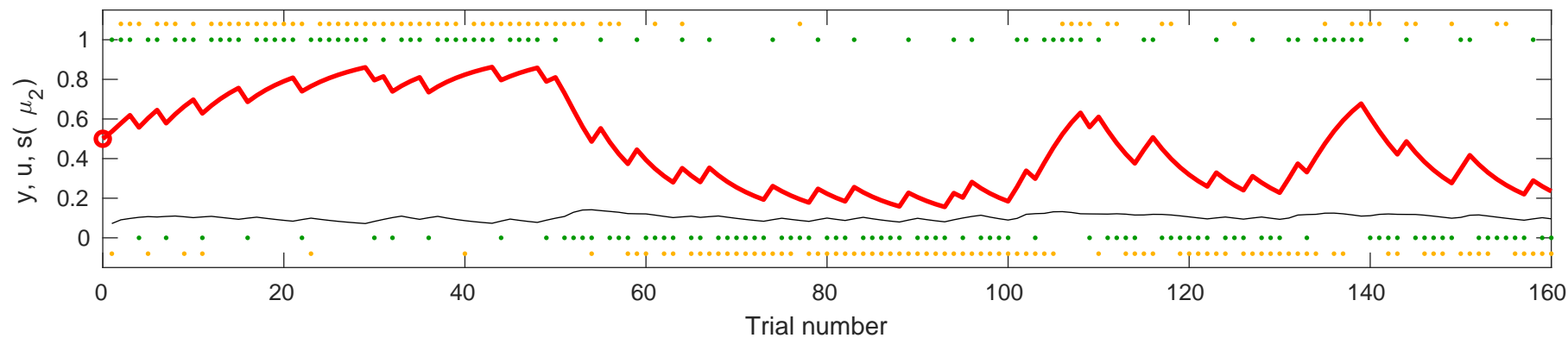


Plot of the output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.4255$

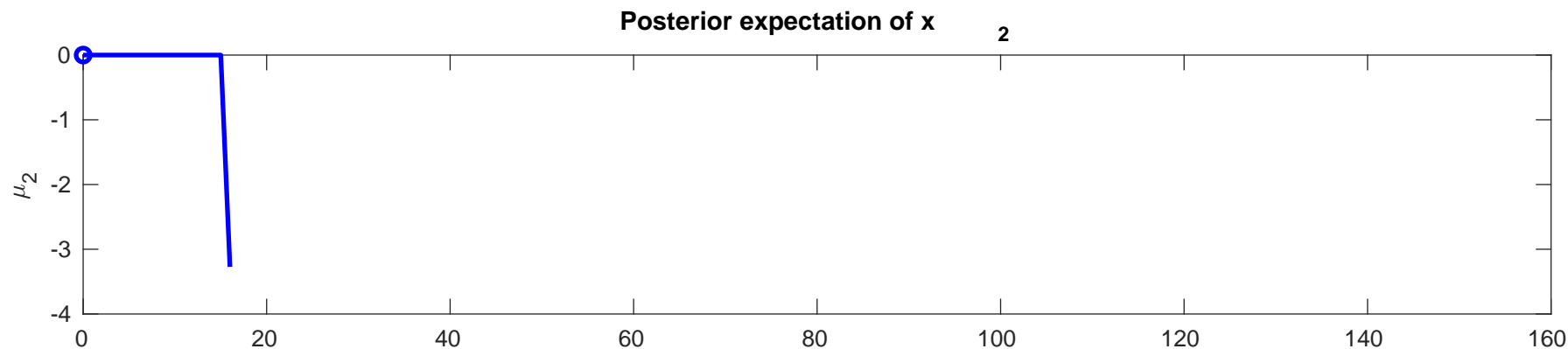
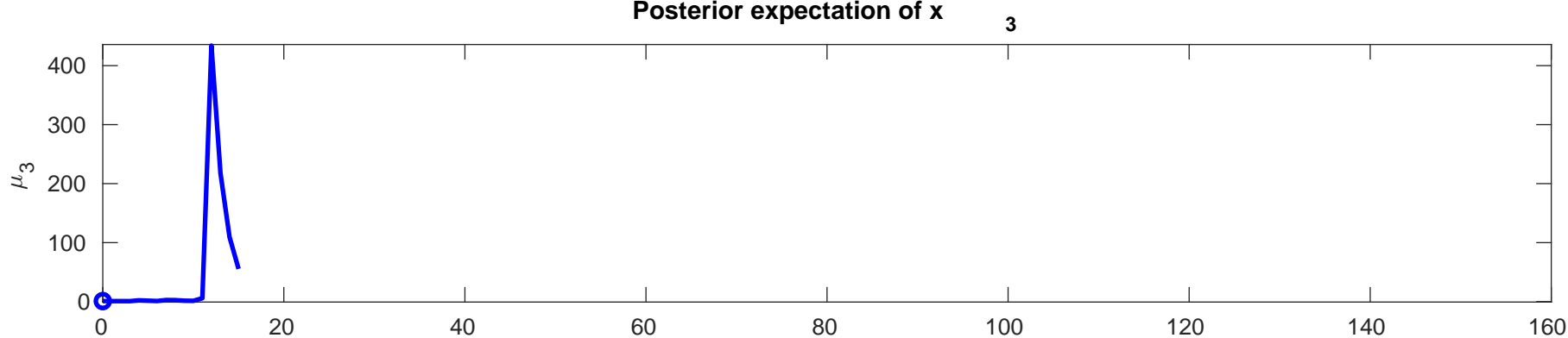




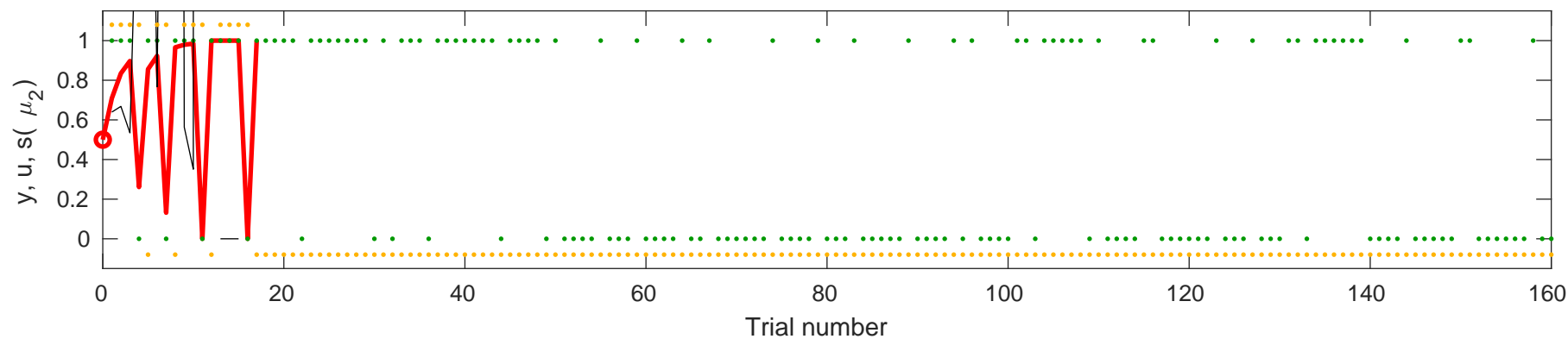
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.8566$

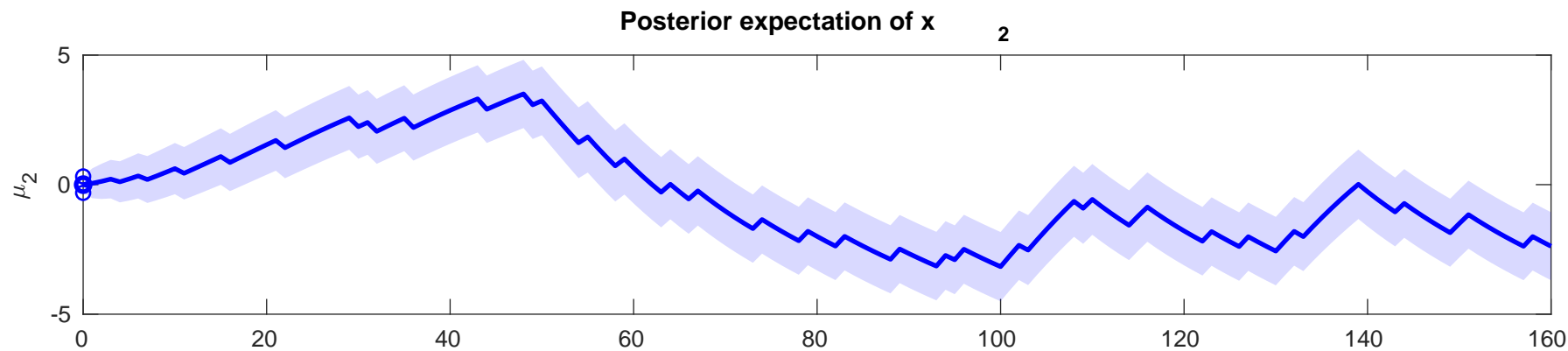
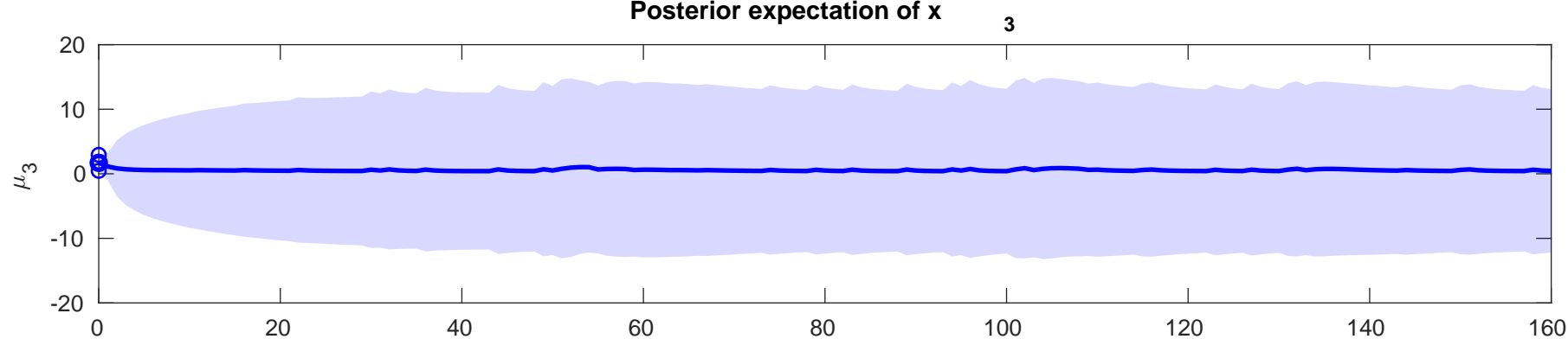




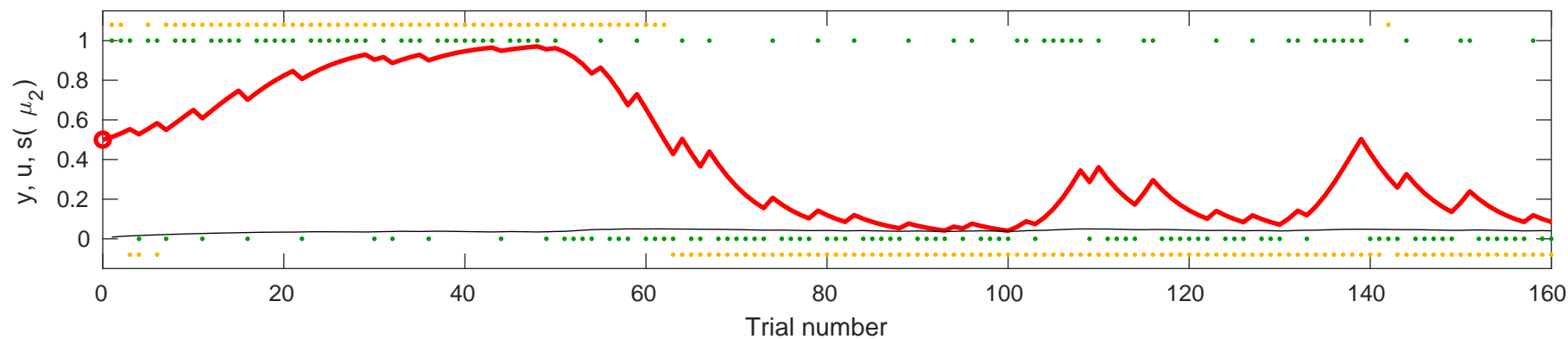


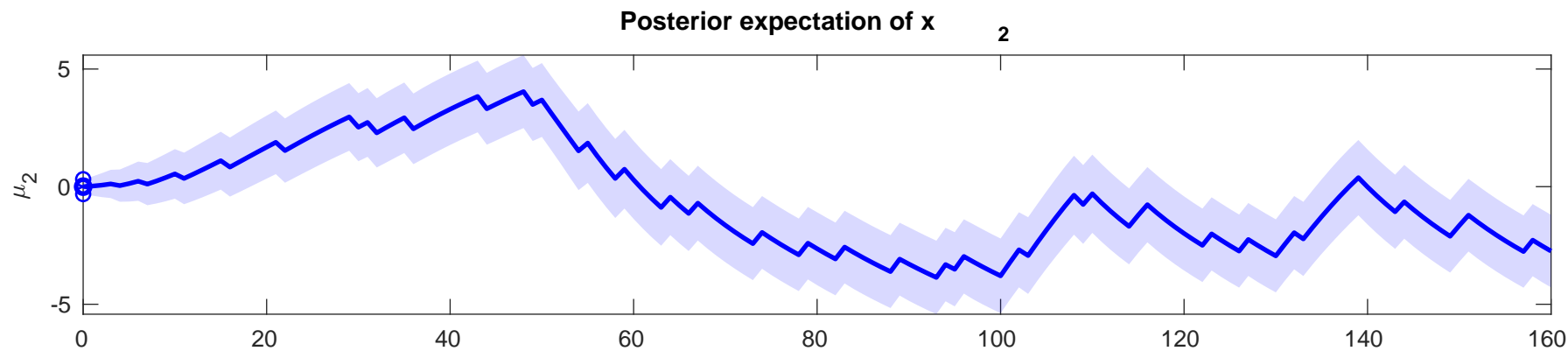
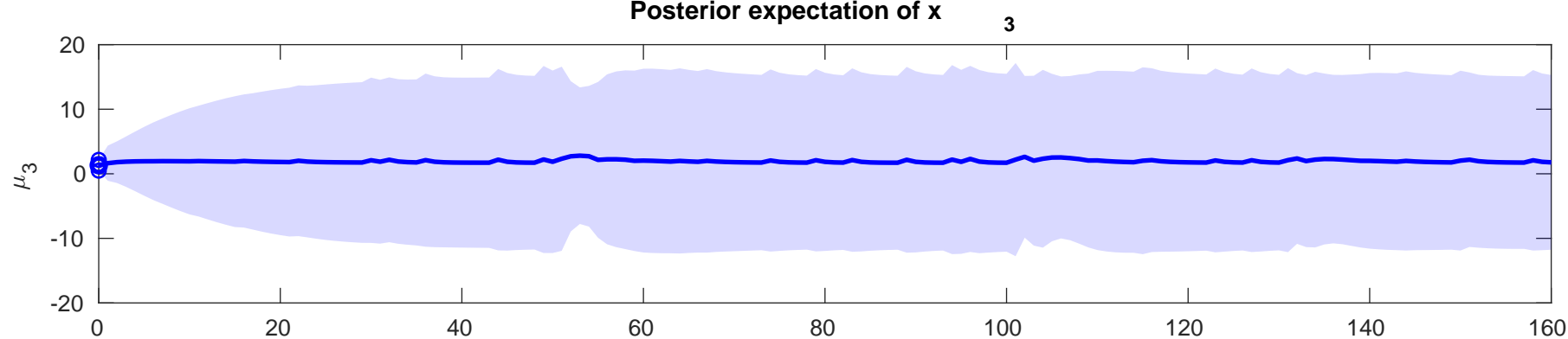
Output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=0.22522$



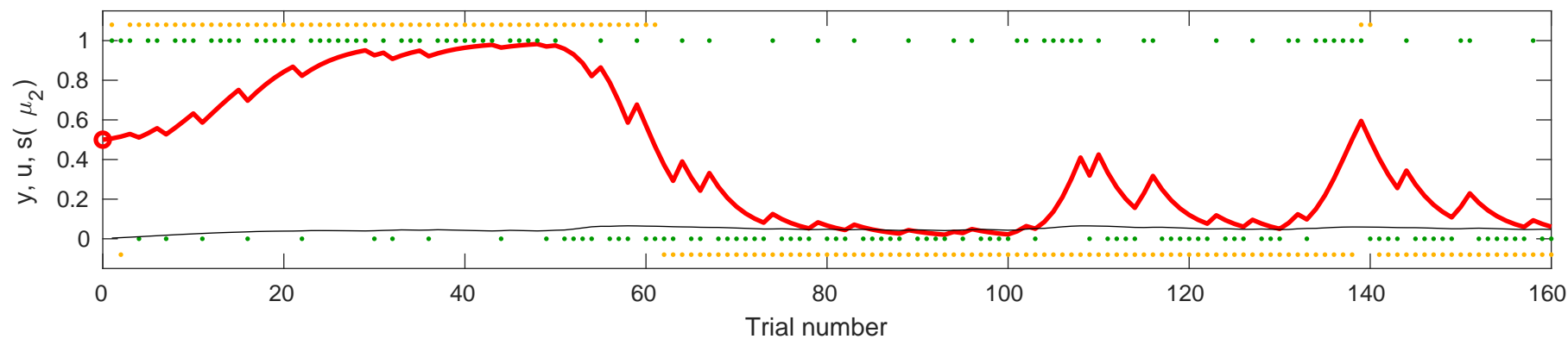


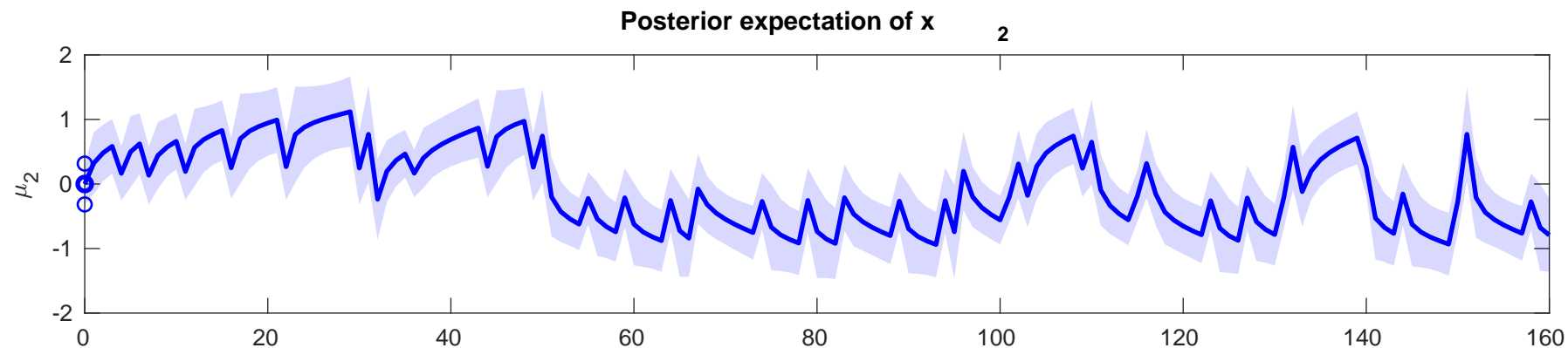
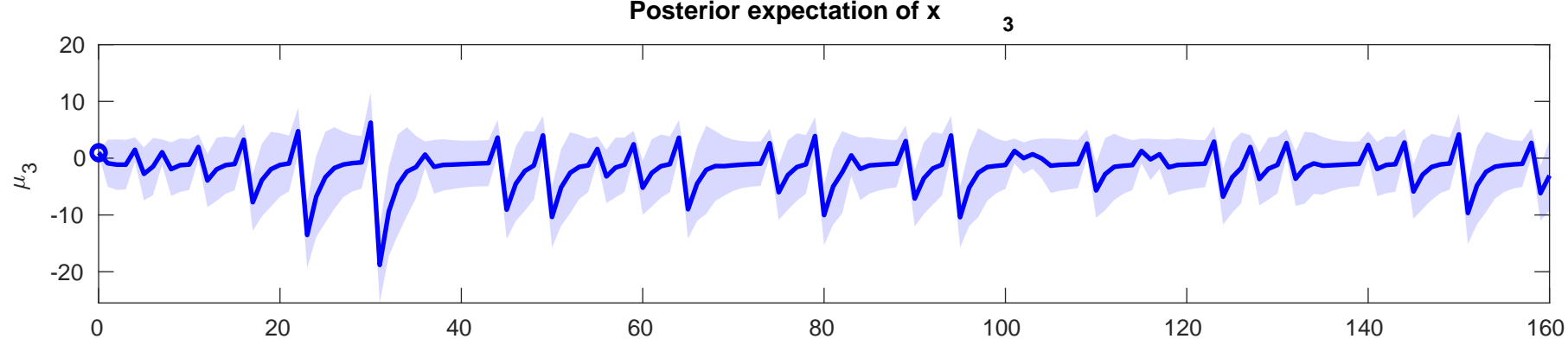
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.1374$



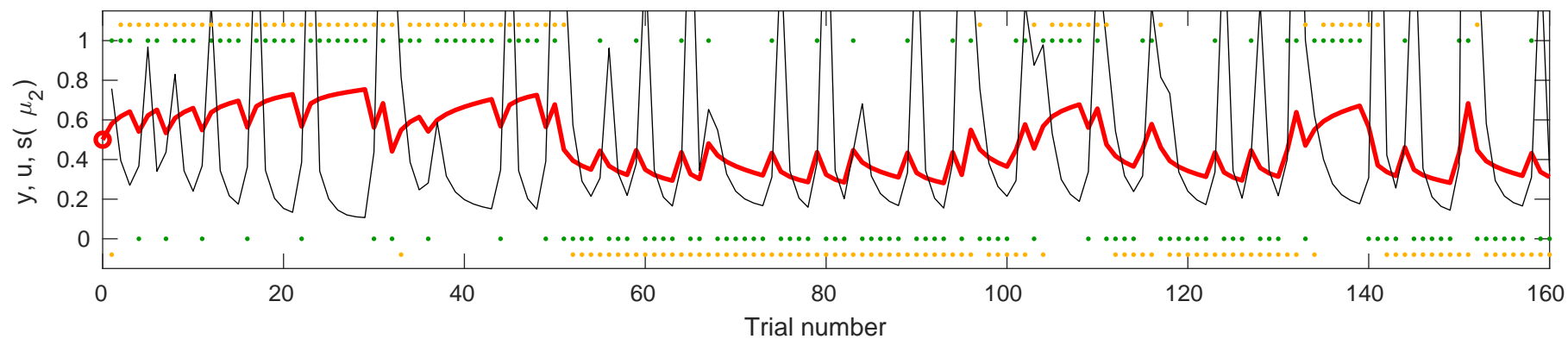


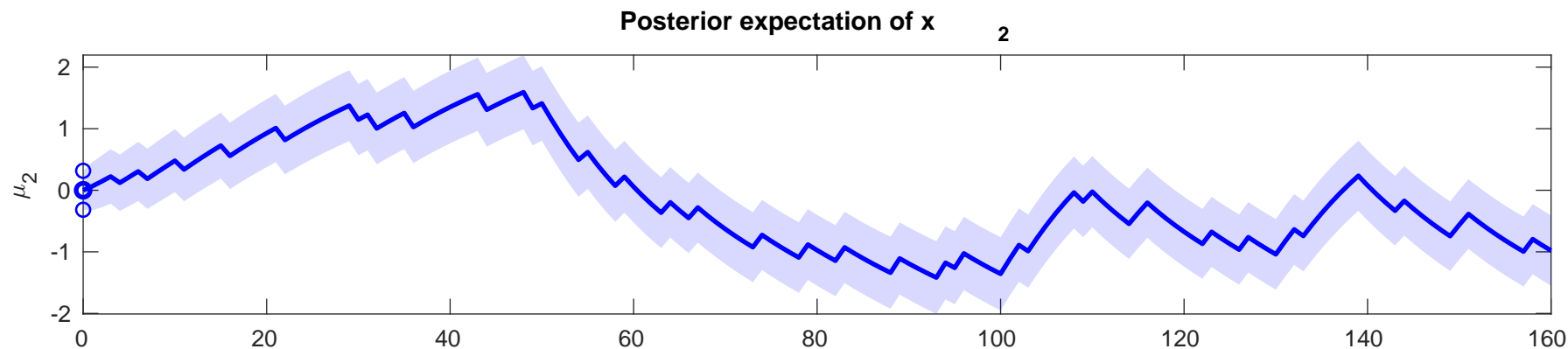
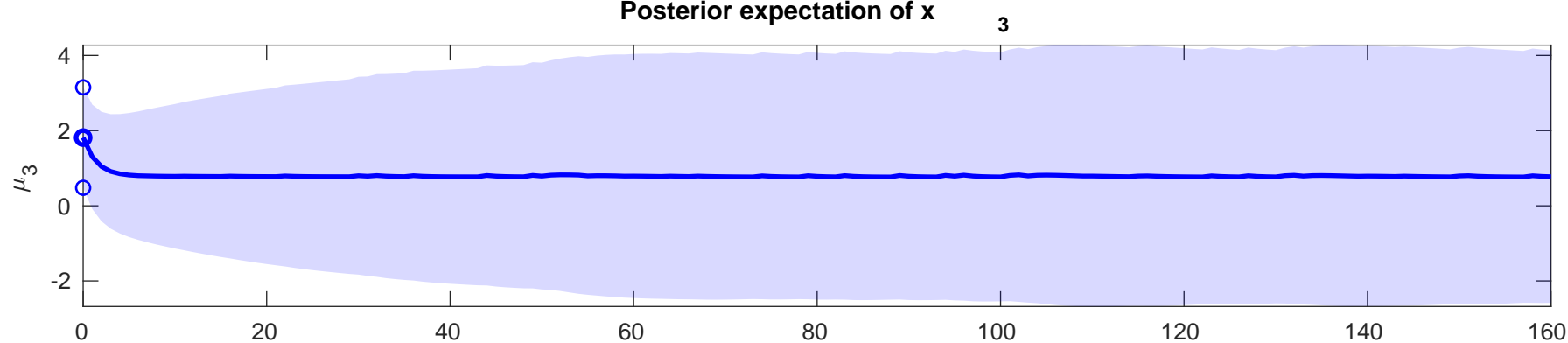
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.0304$



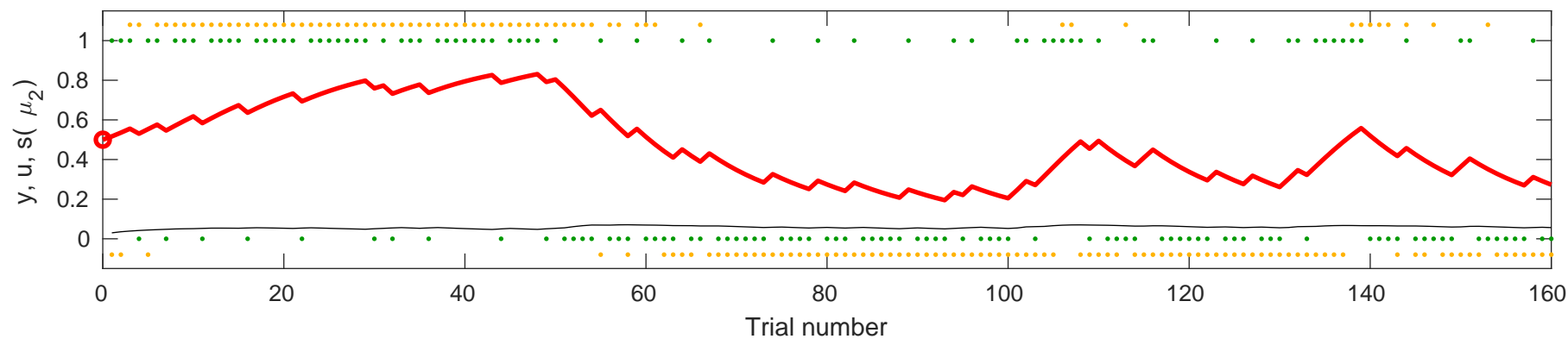


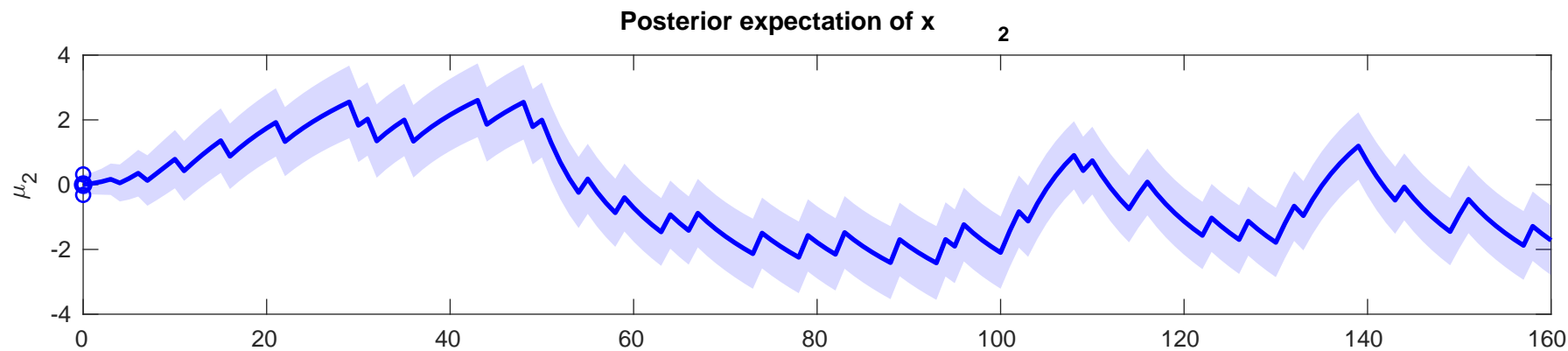
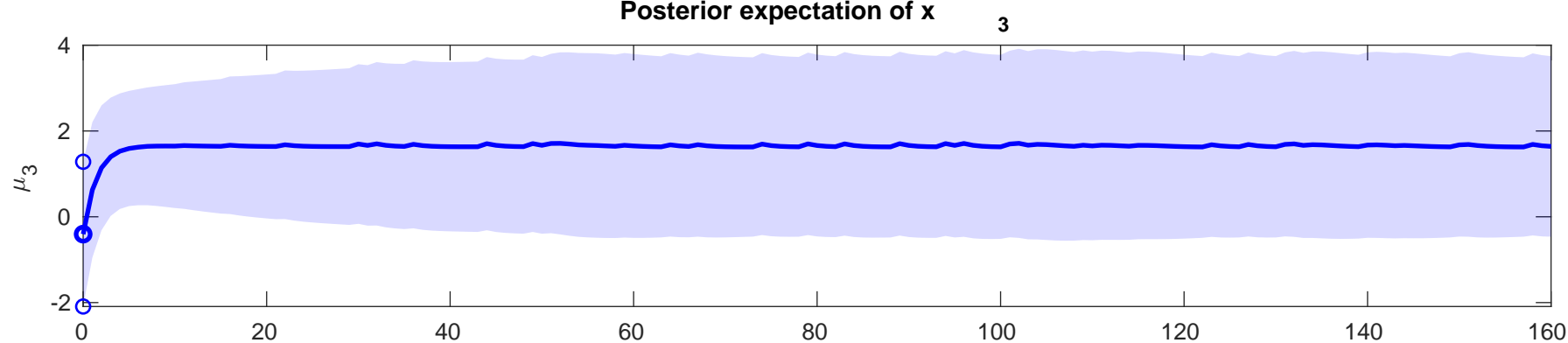
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.0835$



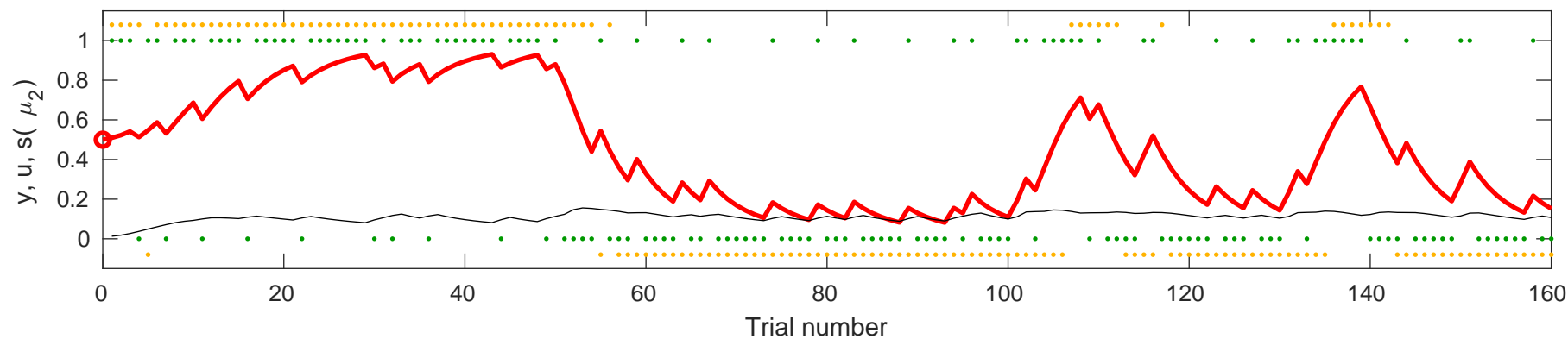


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.7016$



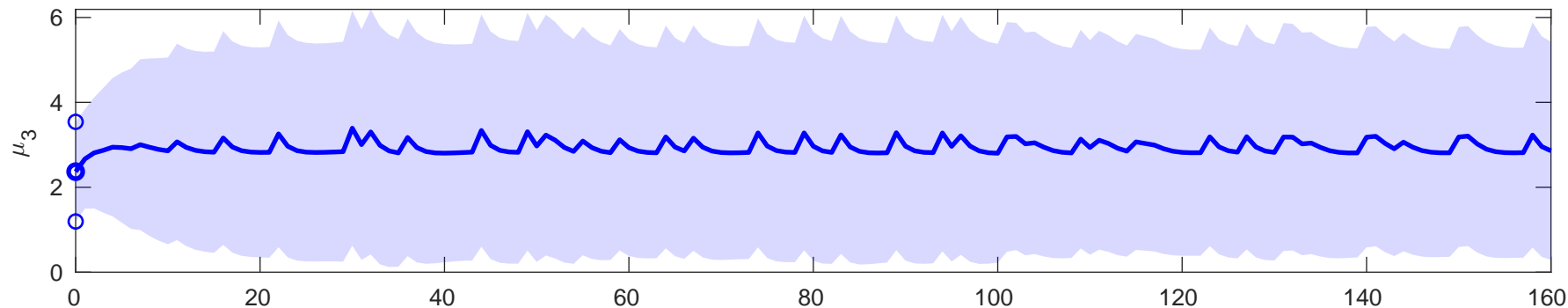


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.6577$



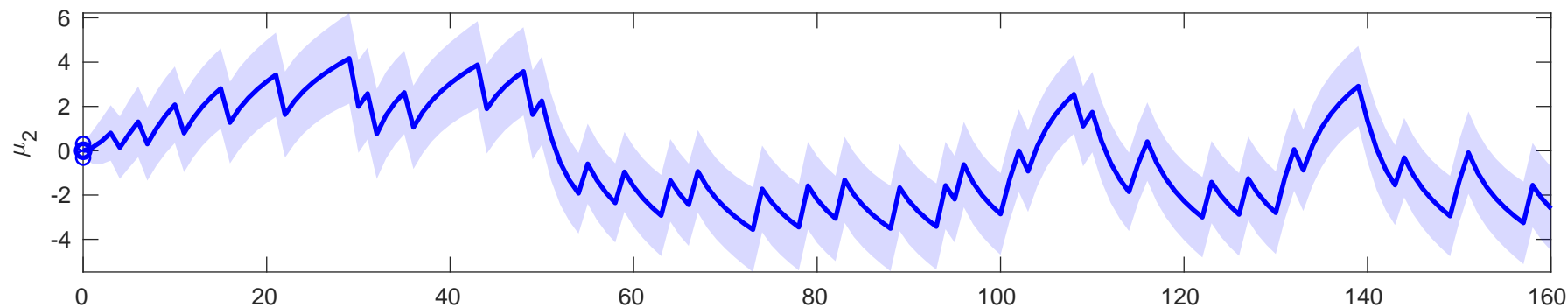
Posterior expectation of  $x$

3



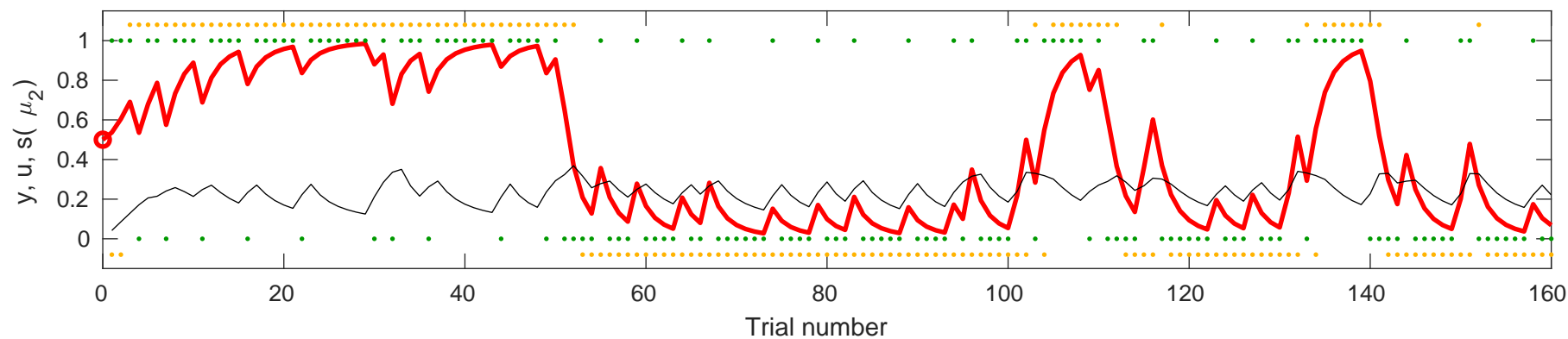
Posterior expectation of  $x$

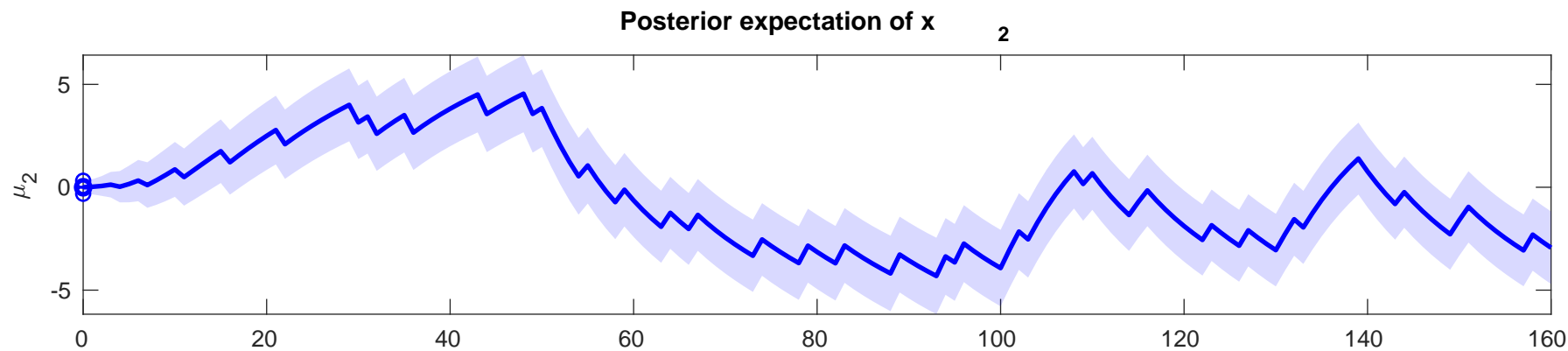
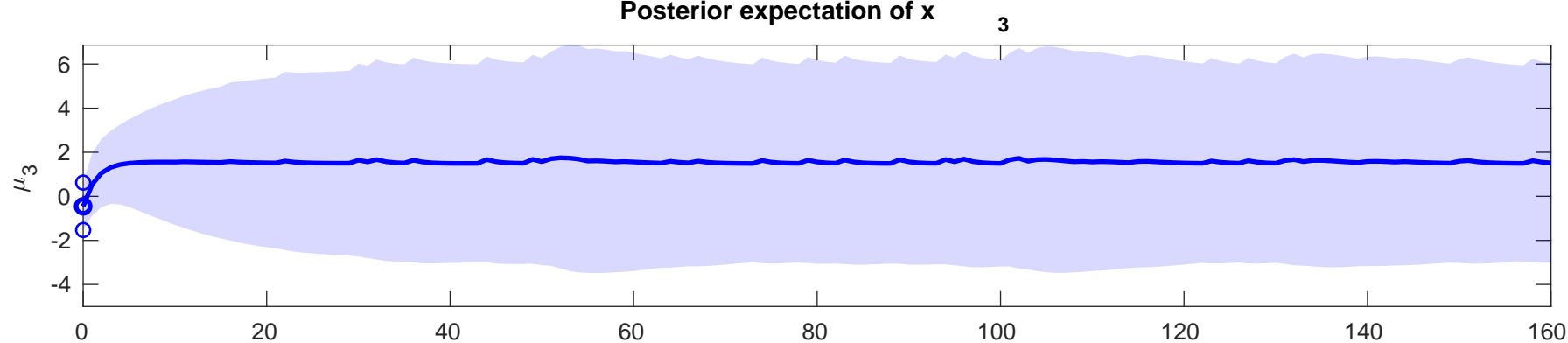
2



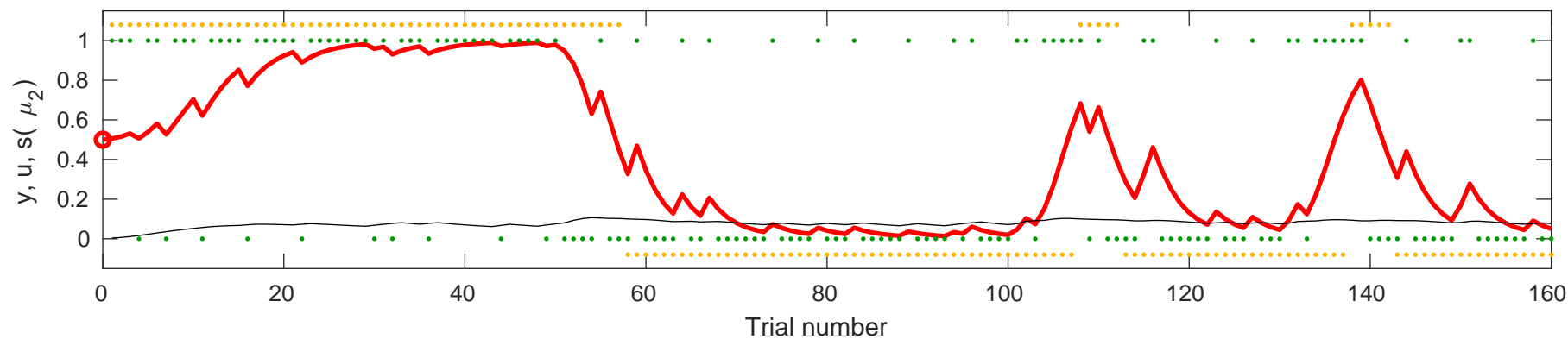
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(

$\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.1521$

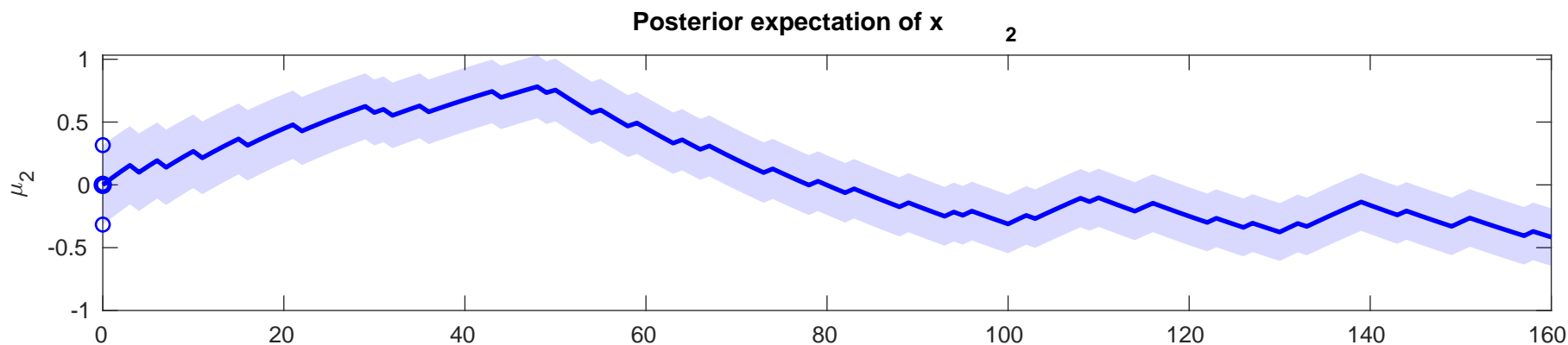
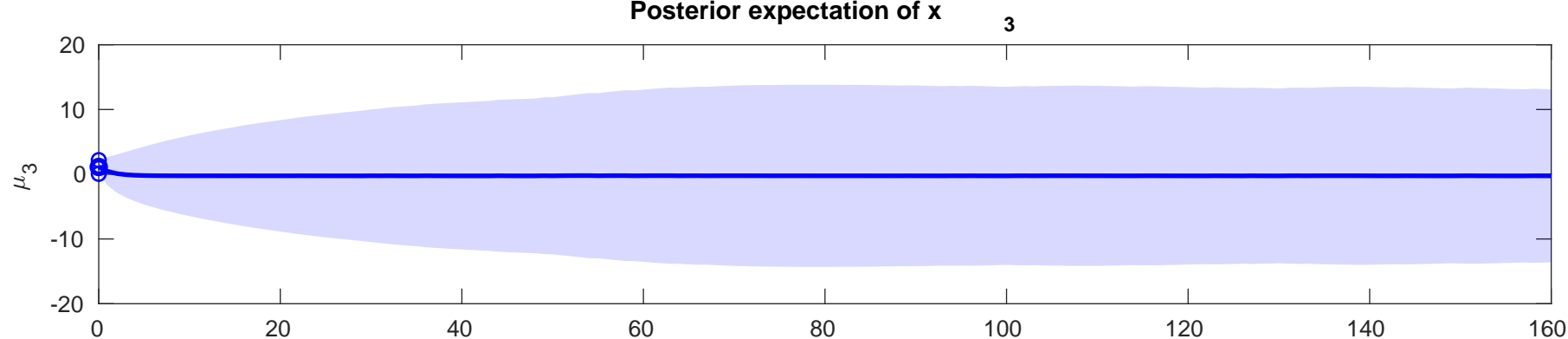




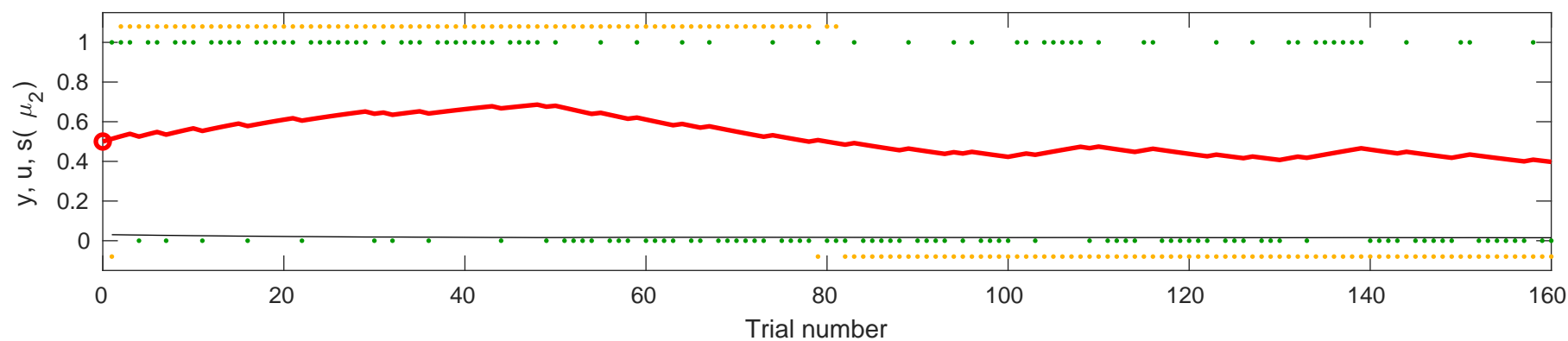
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-2.8968$

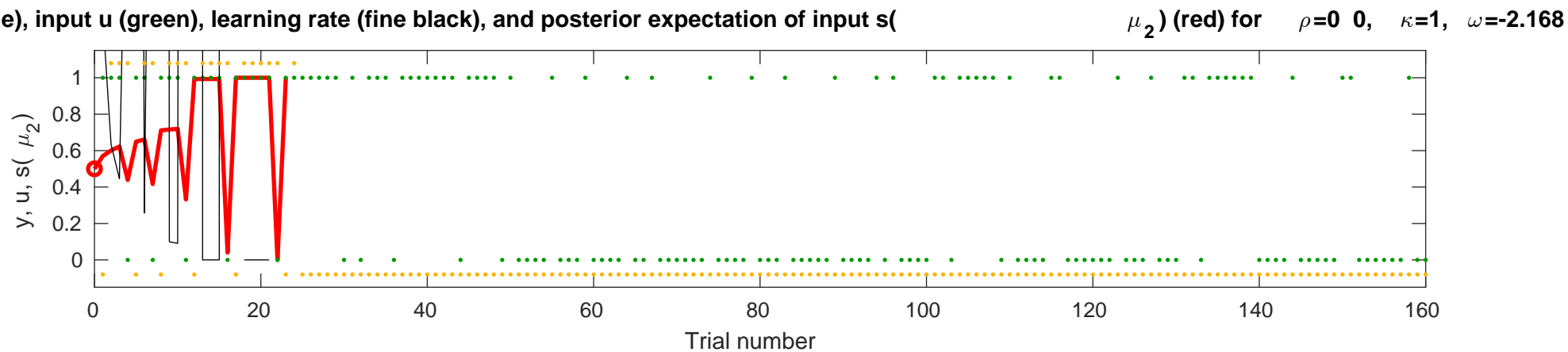
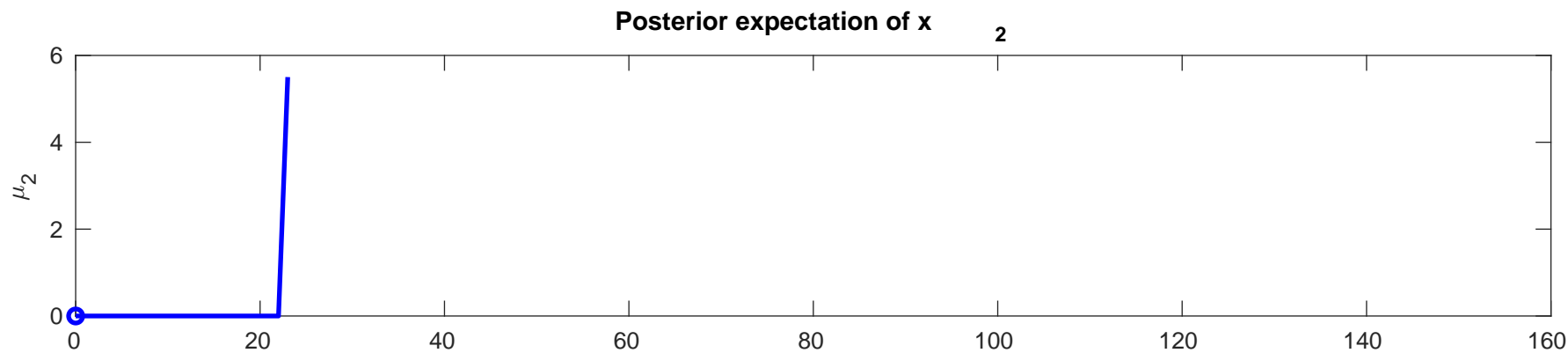
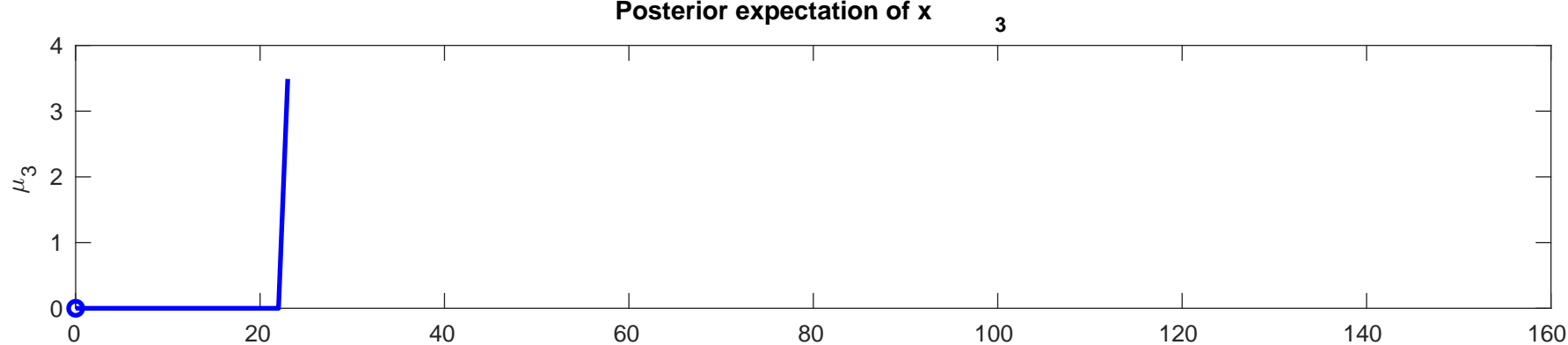


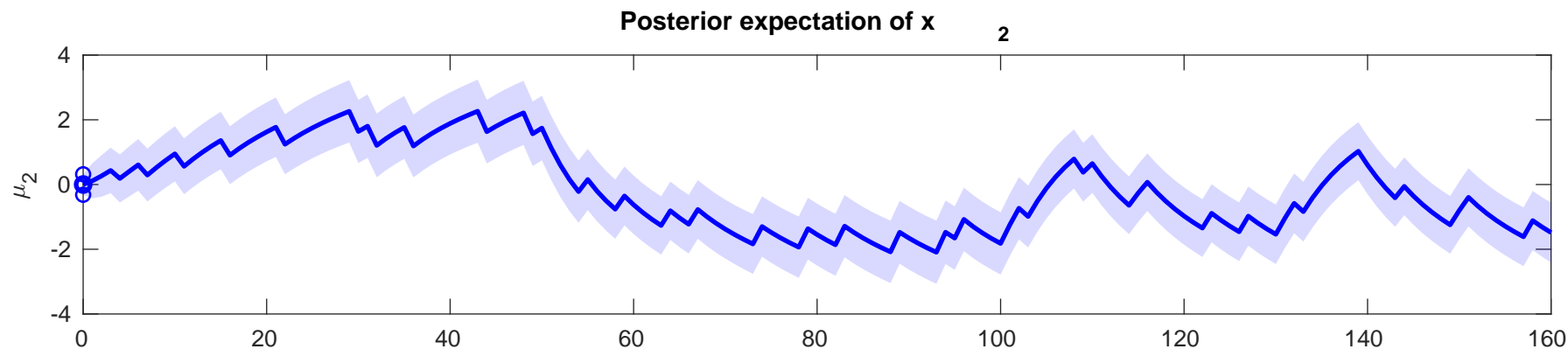
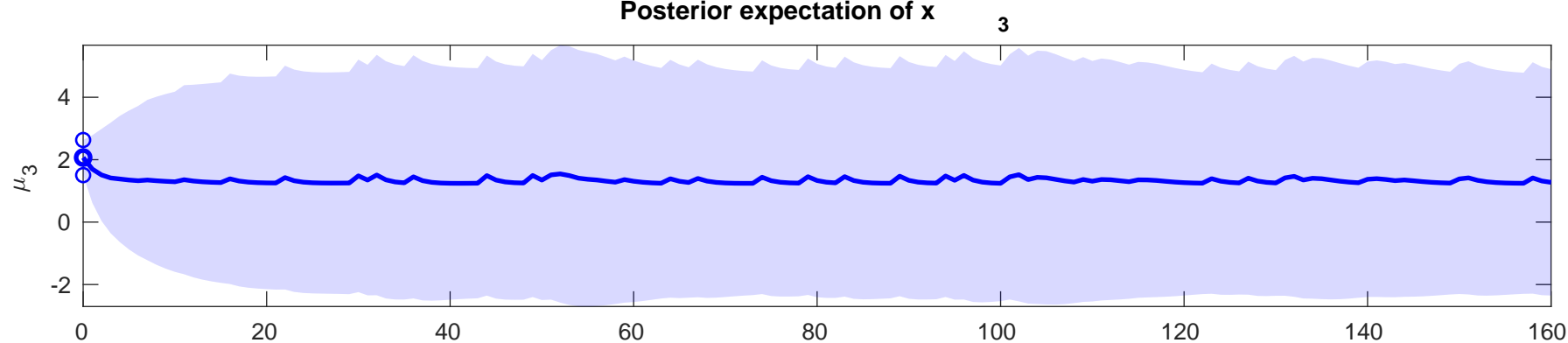




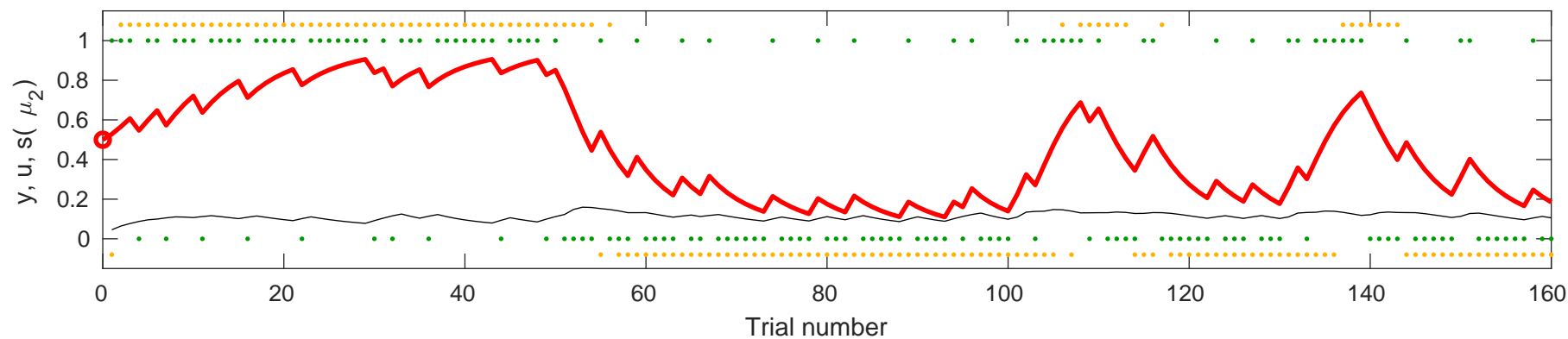
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-6.8923$

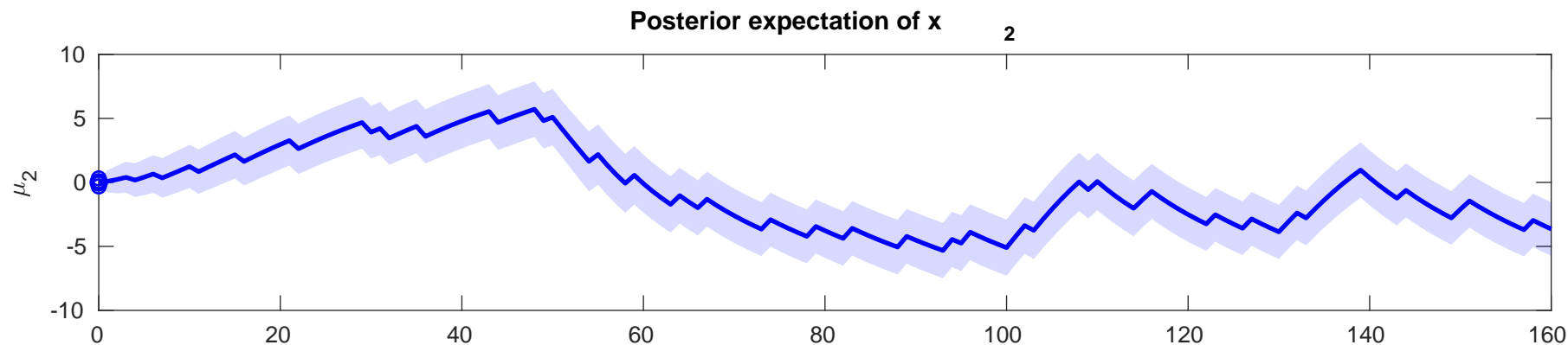
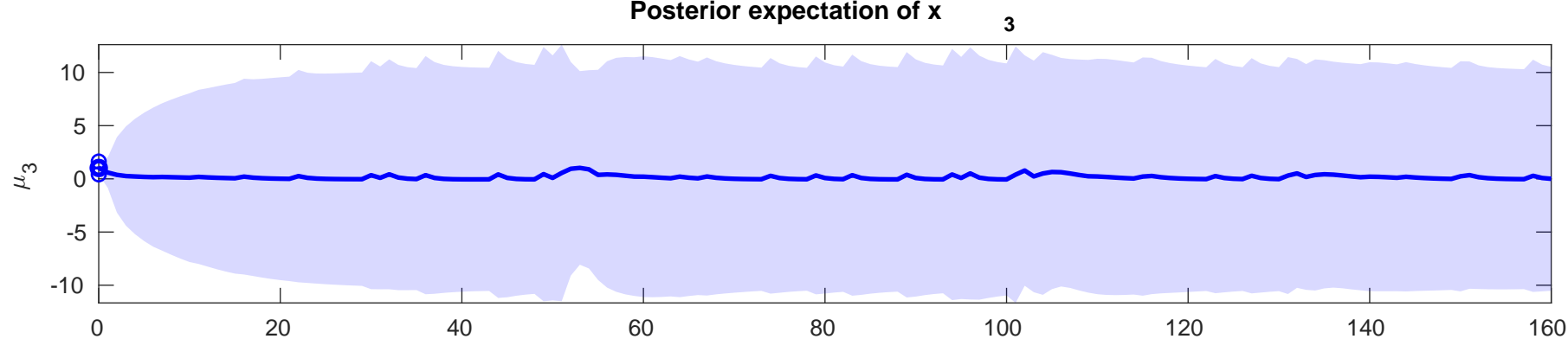




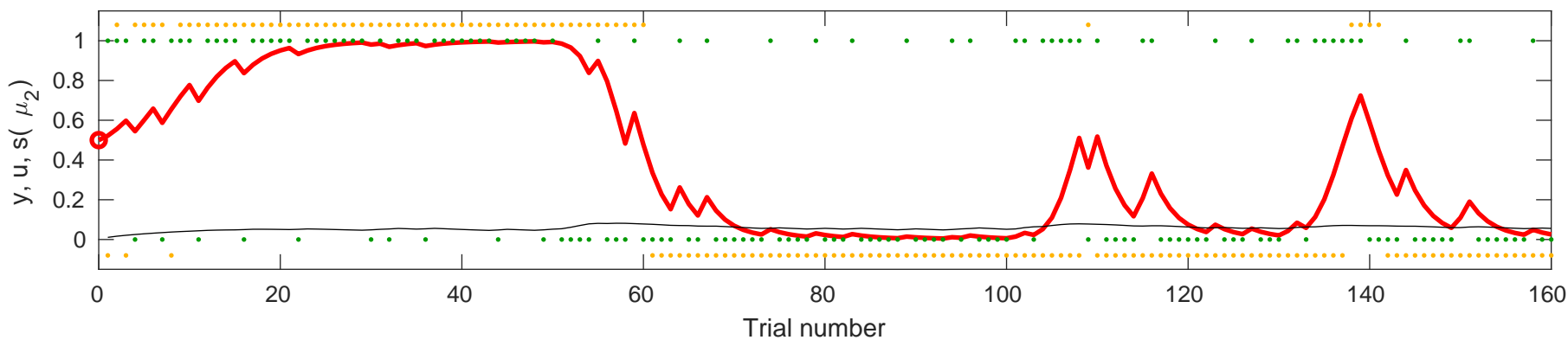


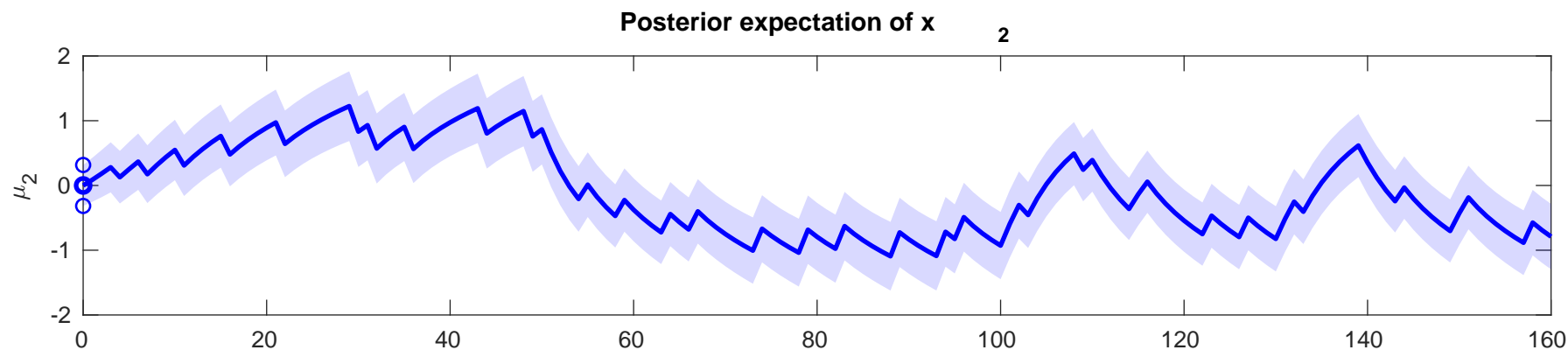
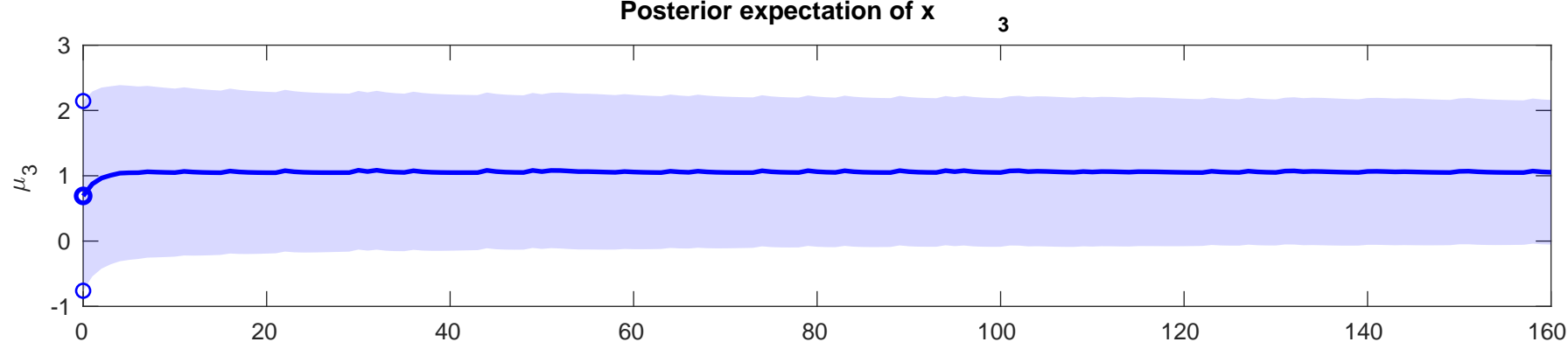
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-3.6384$



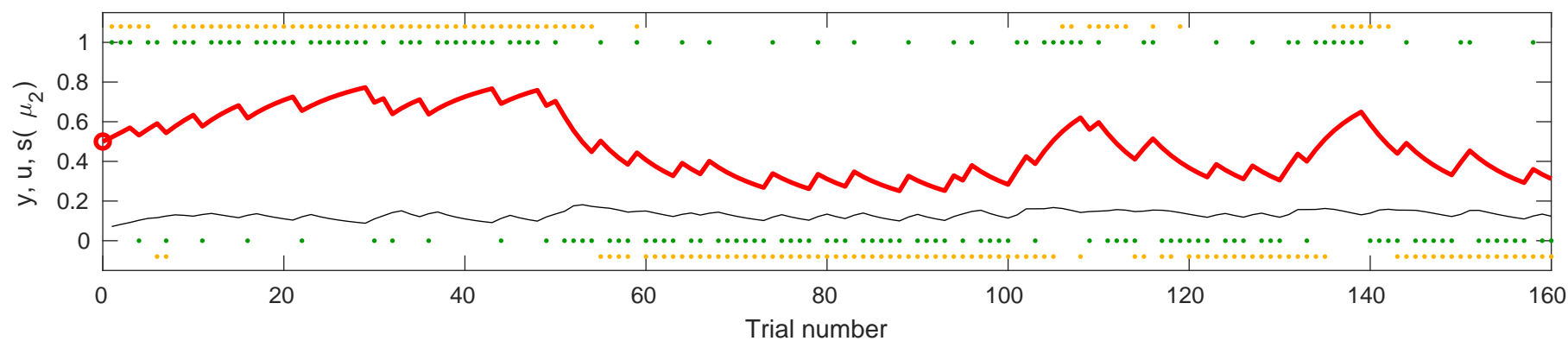


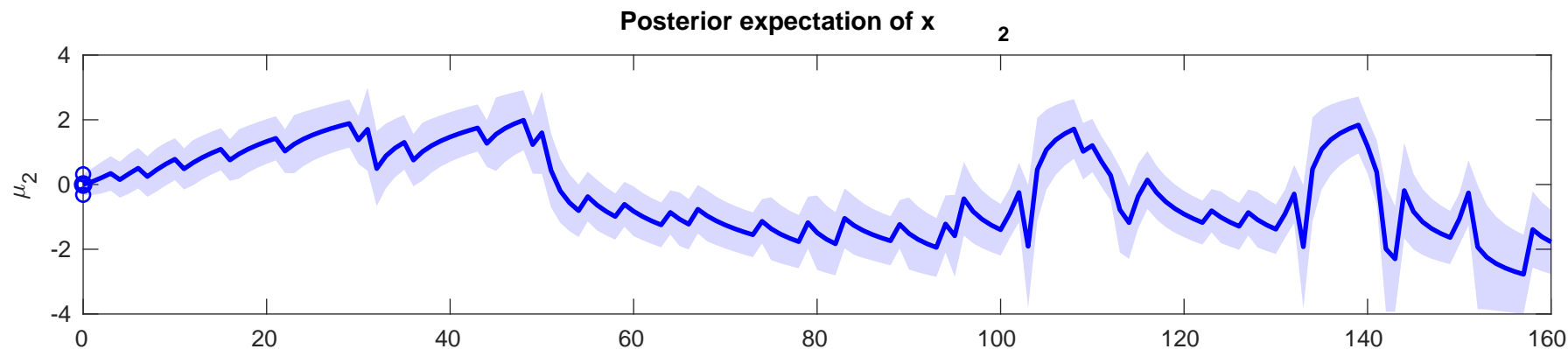
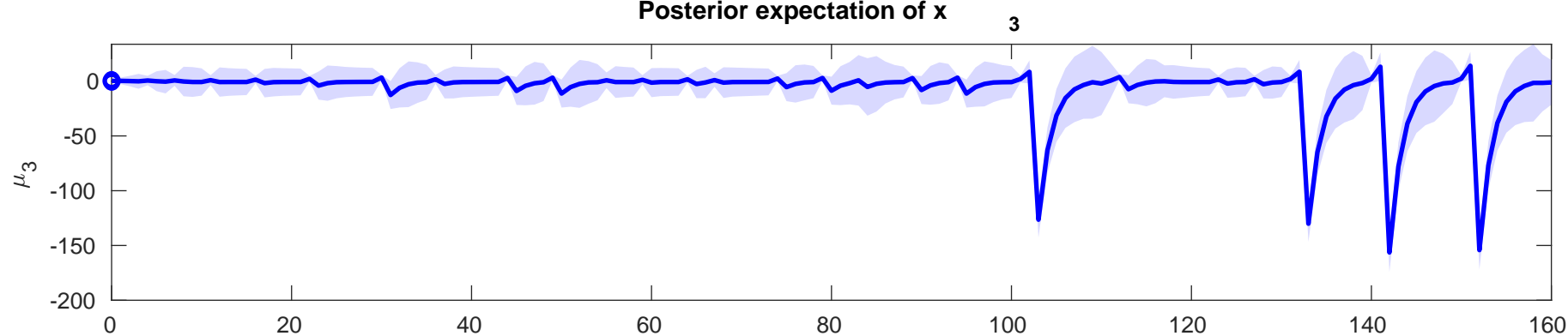
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.4421$



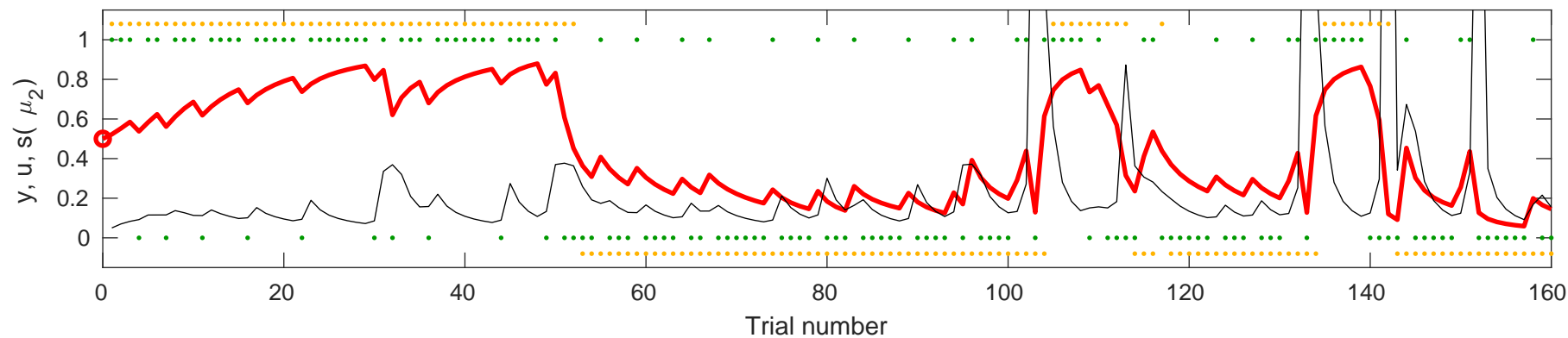


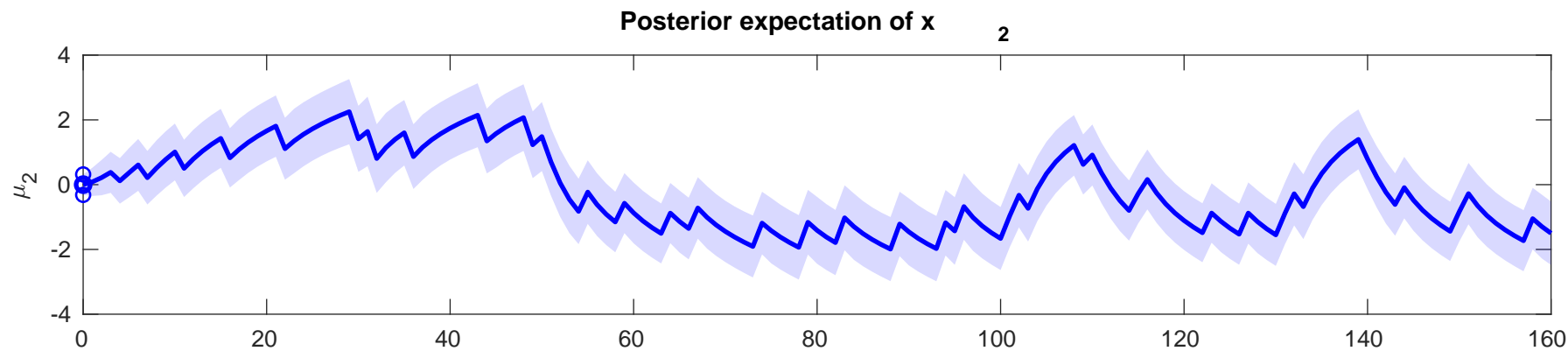
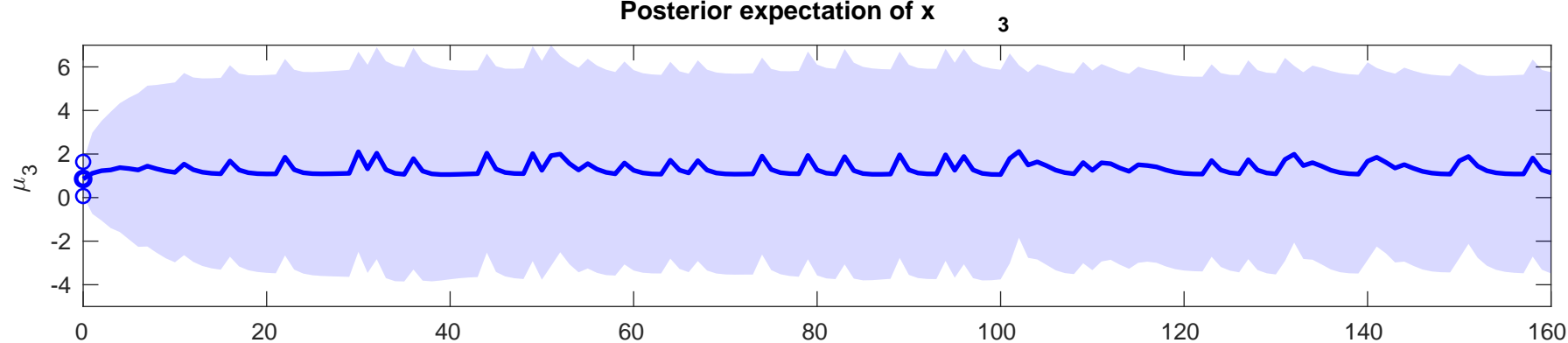
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.4389$



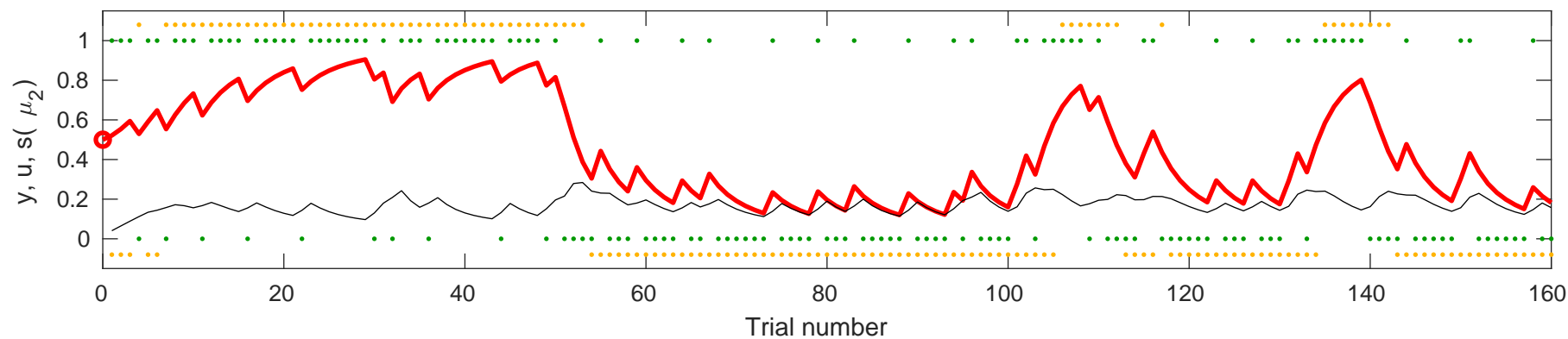


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.7507$



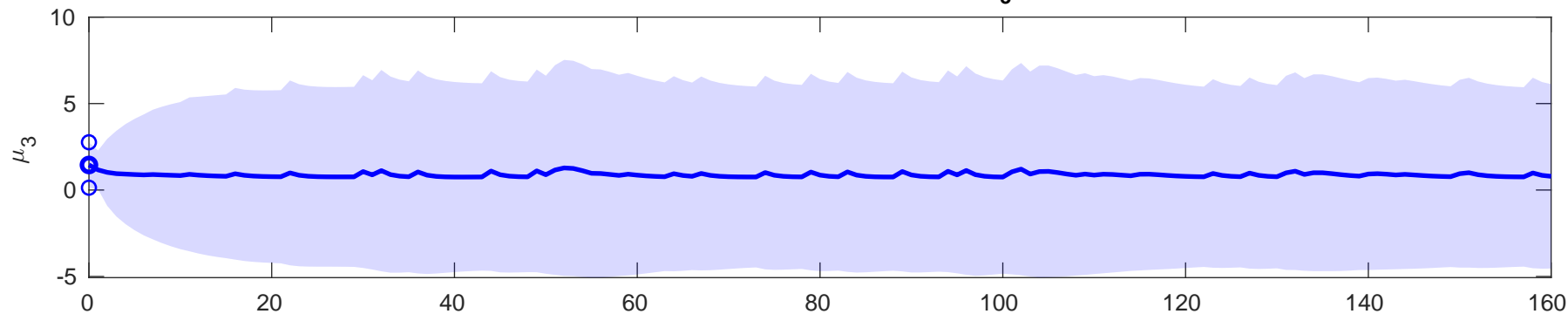


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.1867$

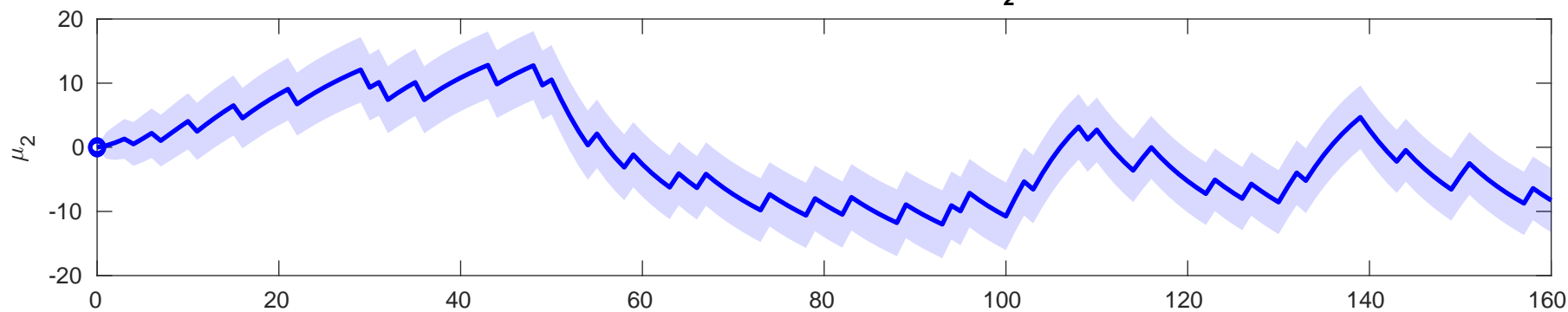


Posterior expectation of  $x$ 

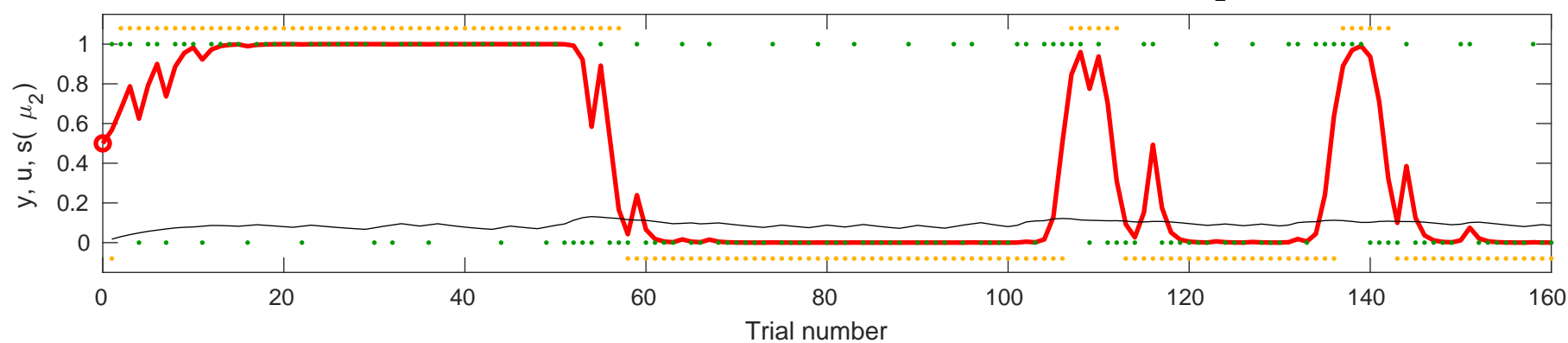
3

Posterior expectation of  $x$ 

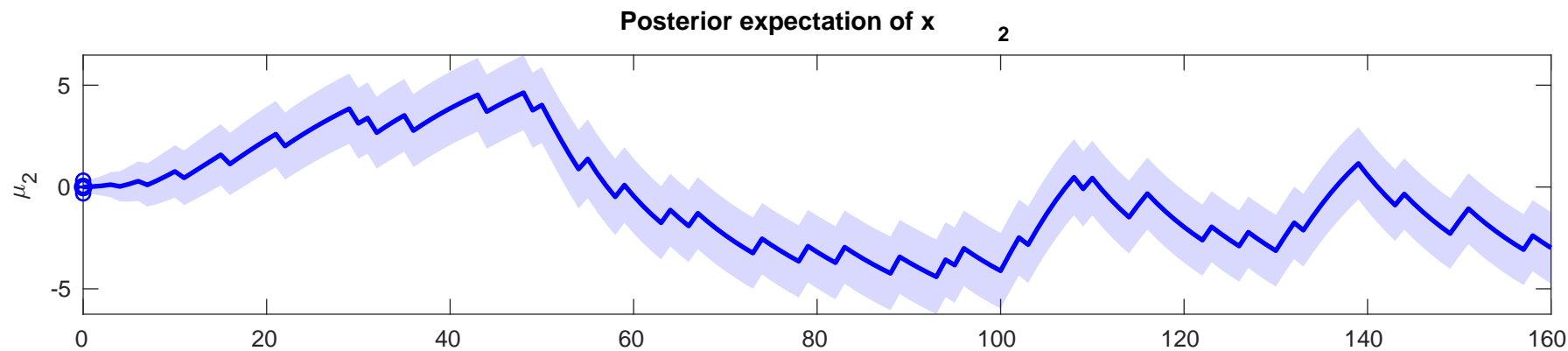
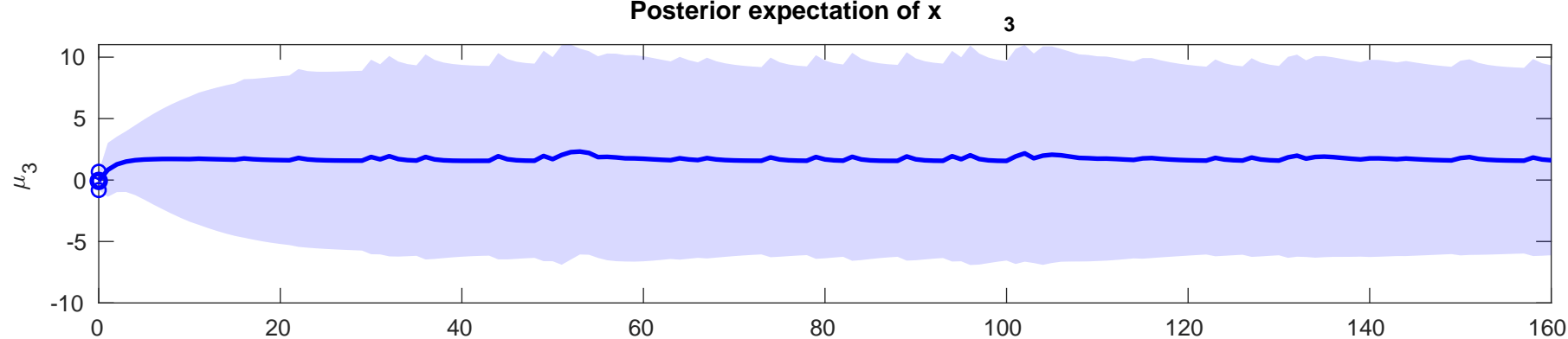
2



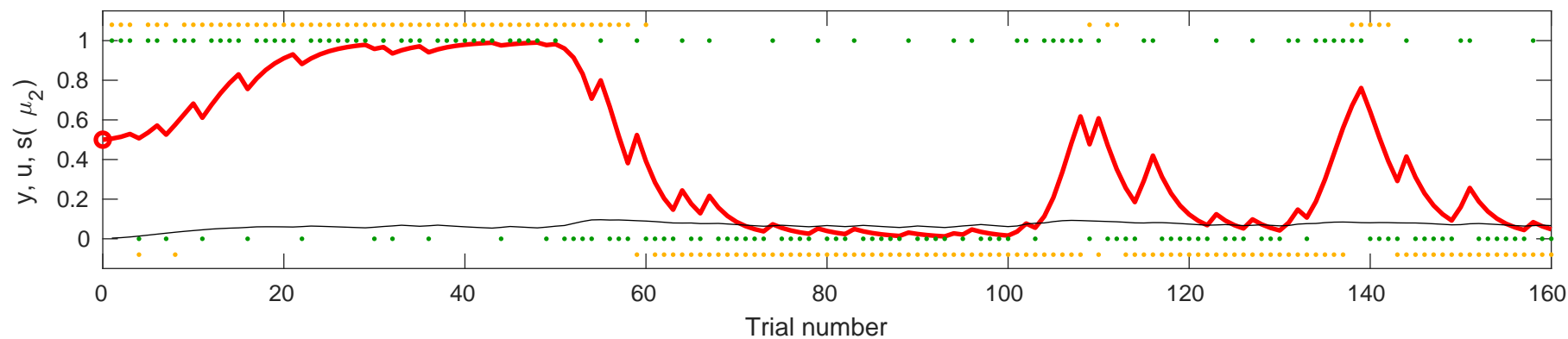
y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(

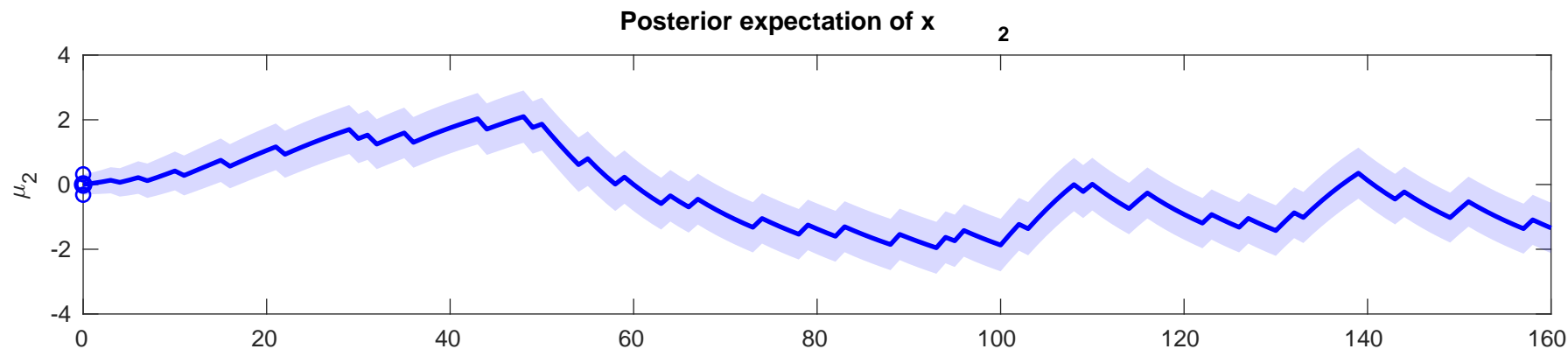
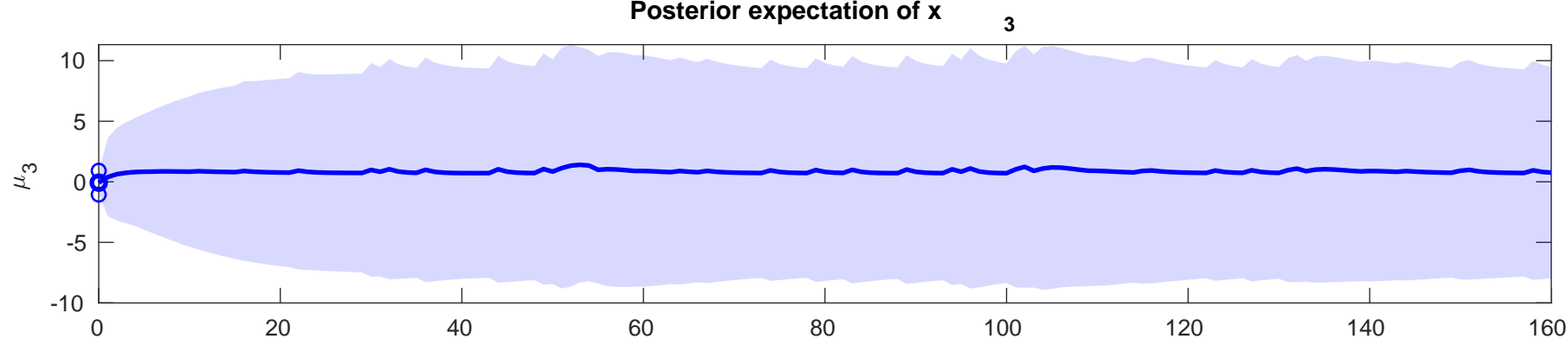
 $\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=0.0030242$ 



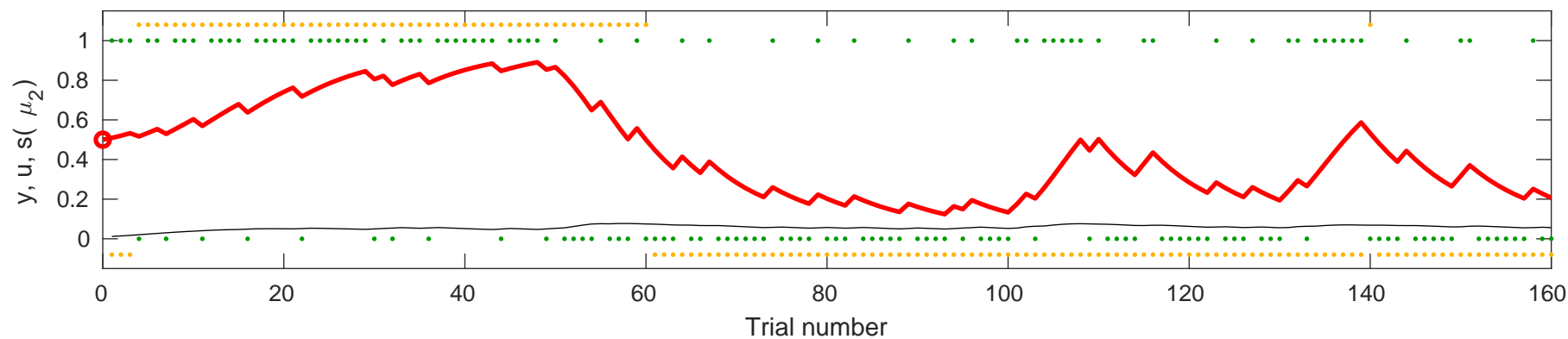


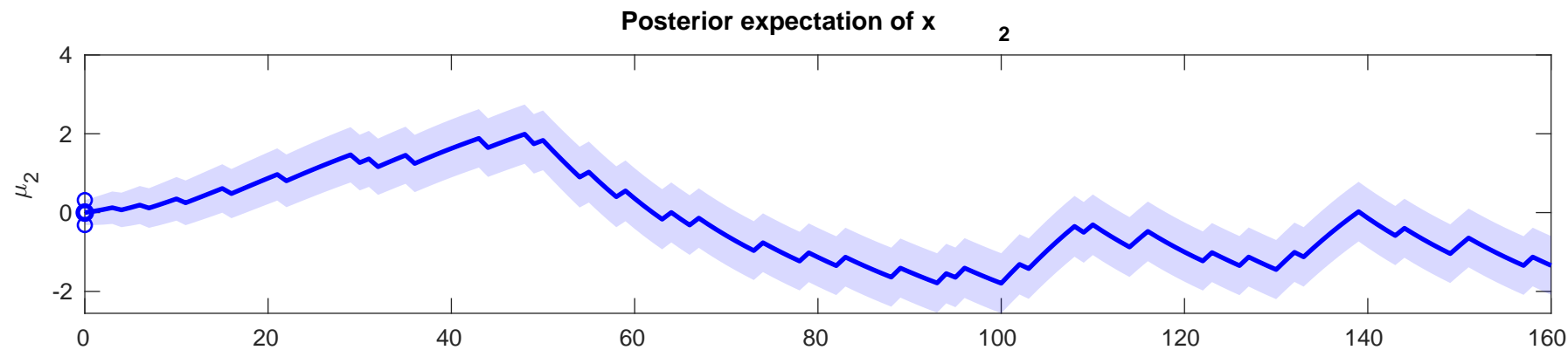
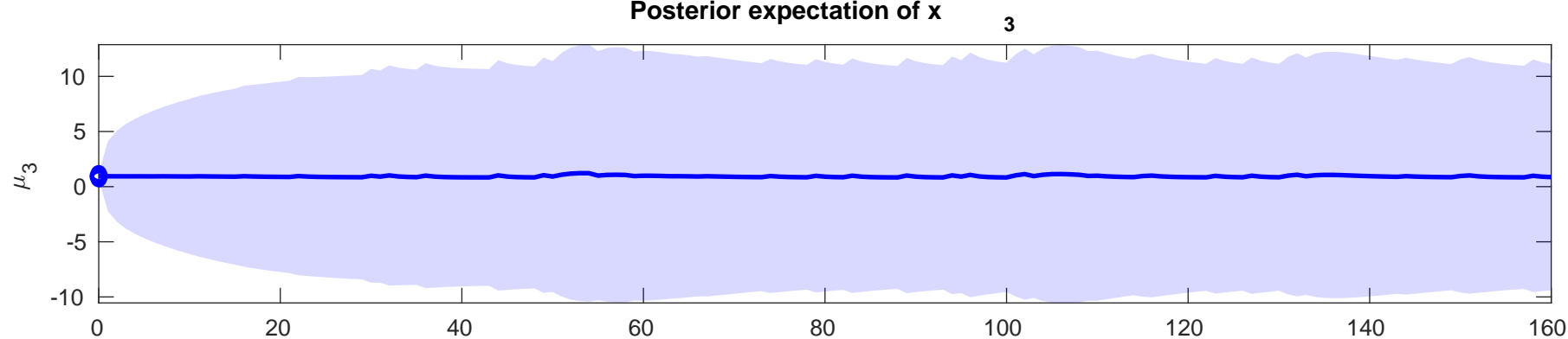
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.1864$



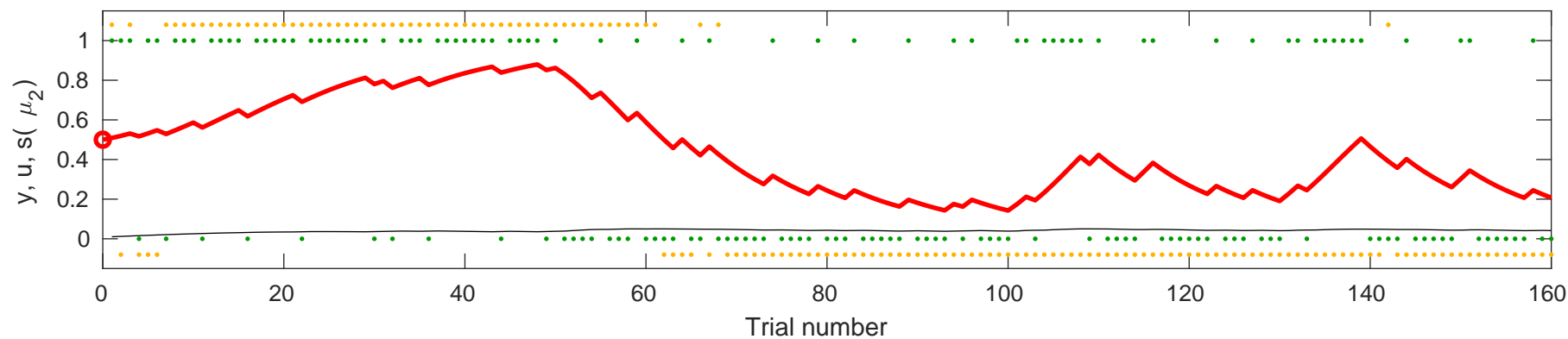


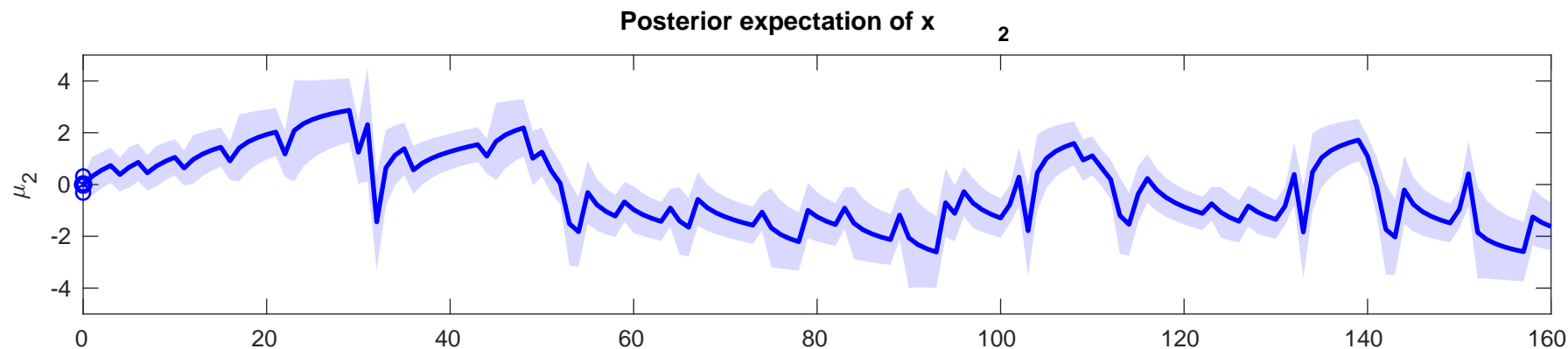
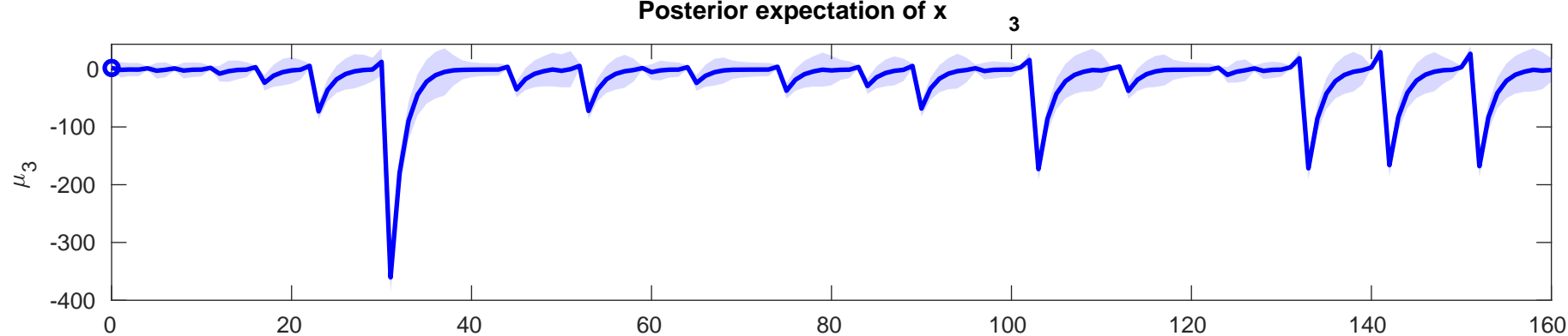
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.1288$



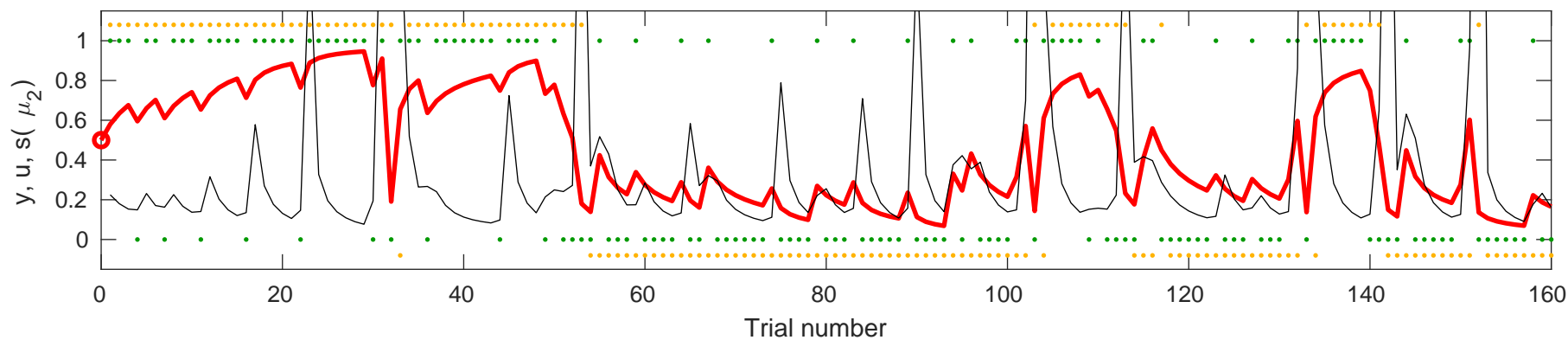


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.6285$

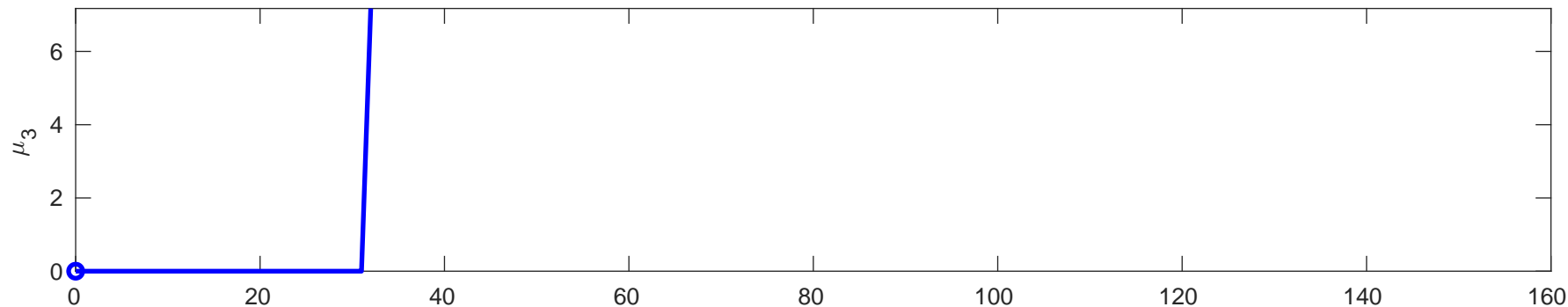




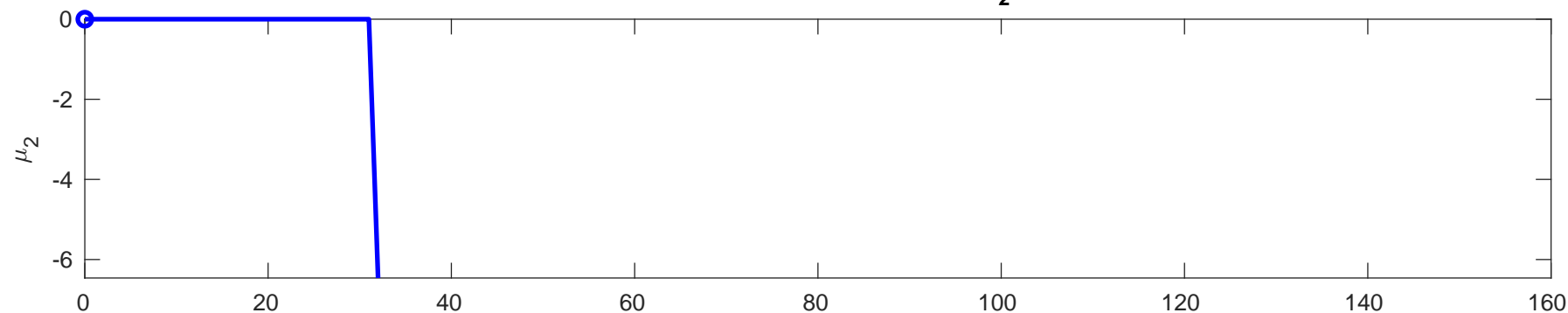
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.5984$



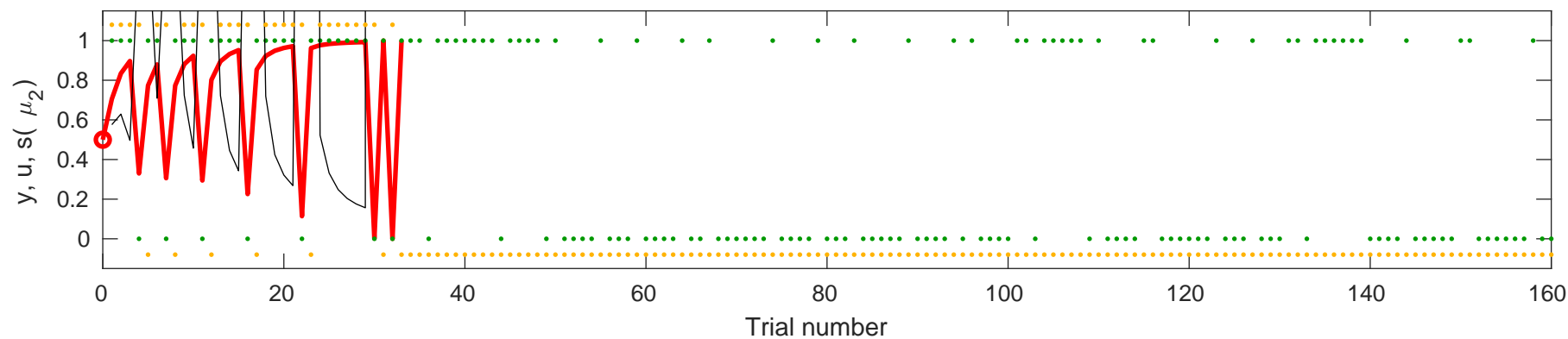
Posterior expectation of  $x$  **3**



Posterior expectation of  $x$  **2**

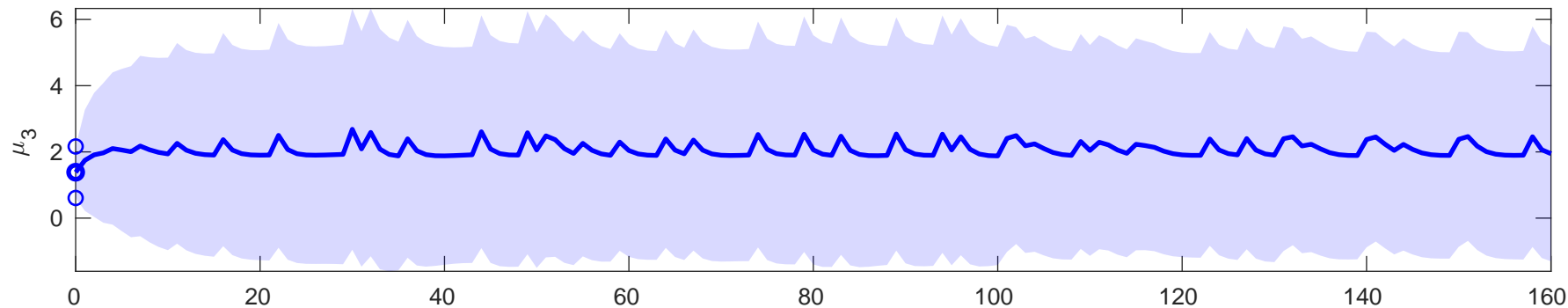


Plot of output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=0.27334$

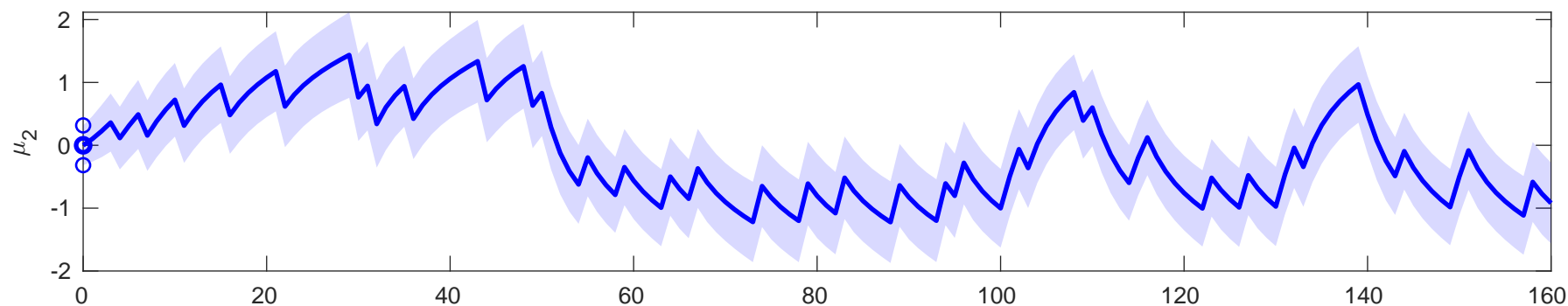


Posterior expectation of  $x$ 

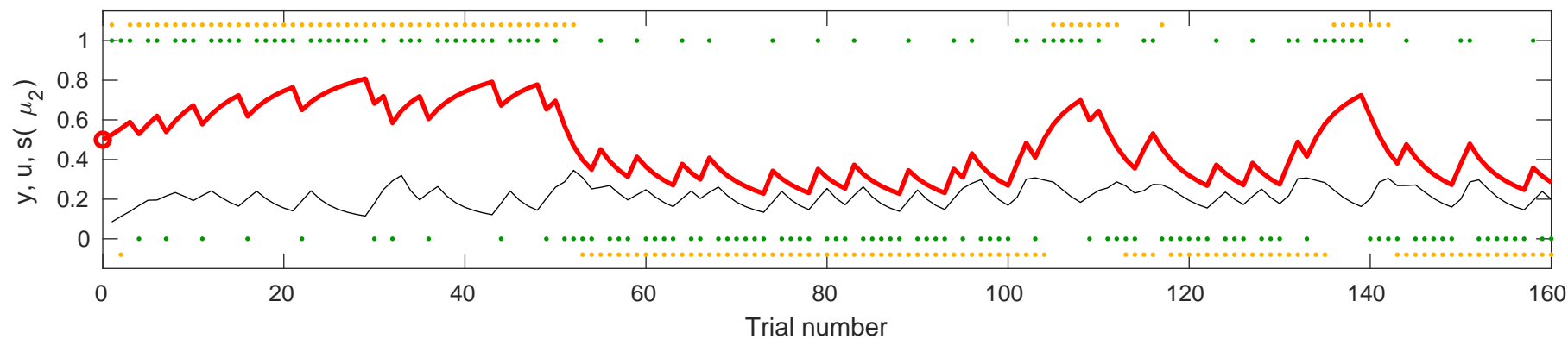
3

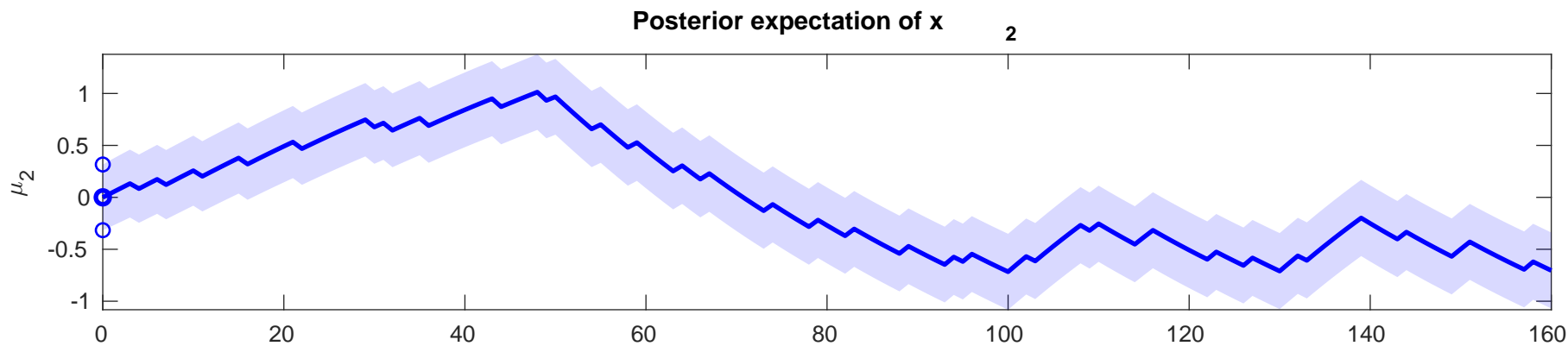
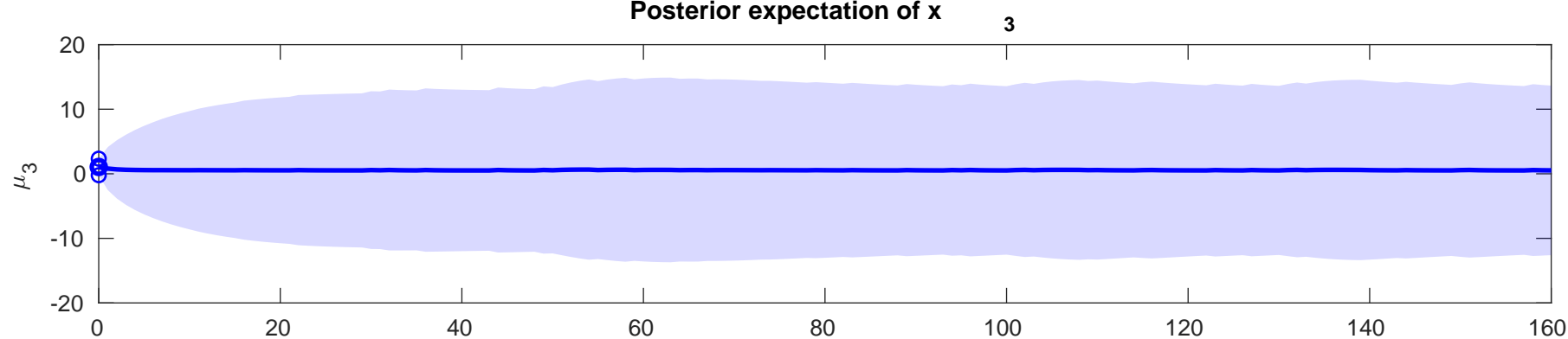
Posterior expectation of  $x$ 

2

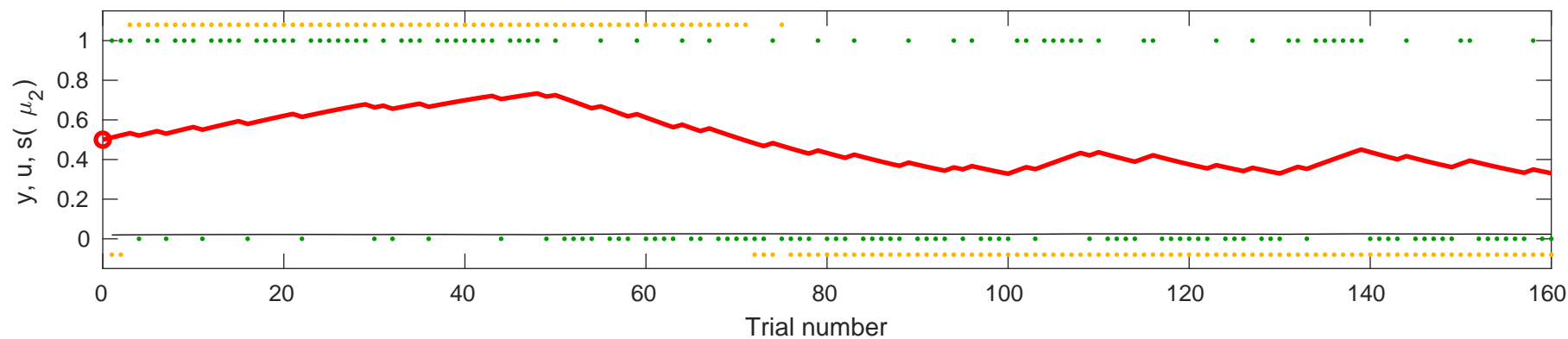


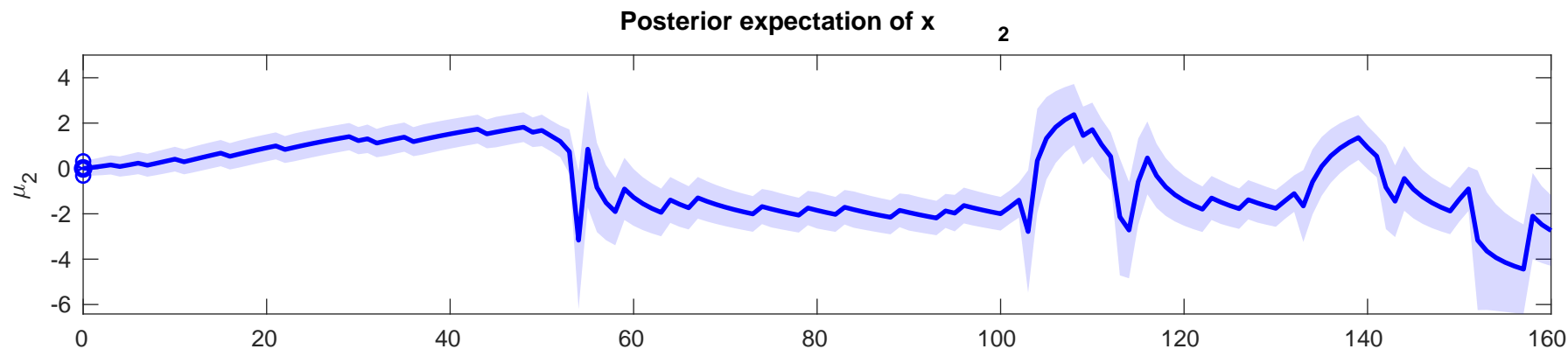
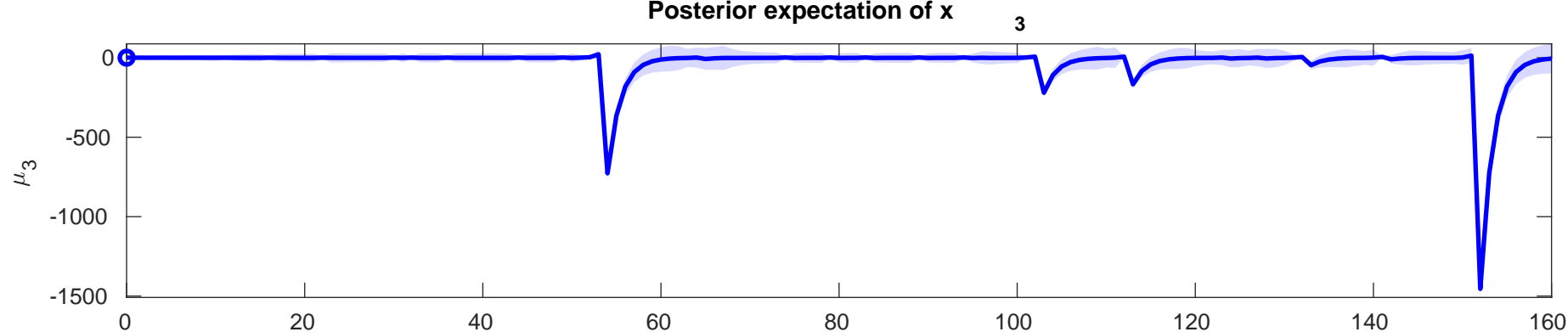
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.5481$



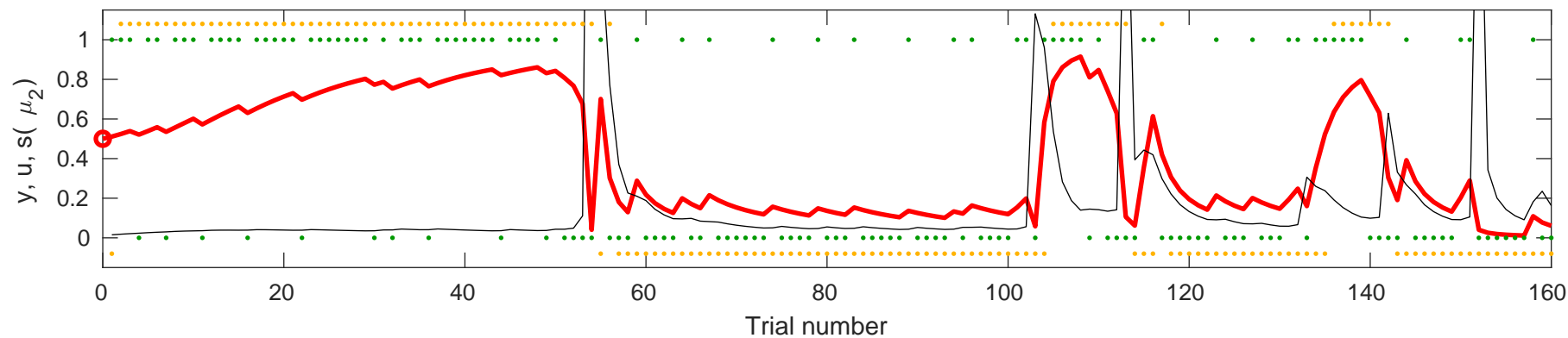


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-6.294$

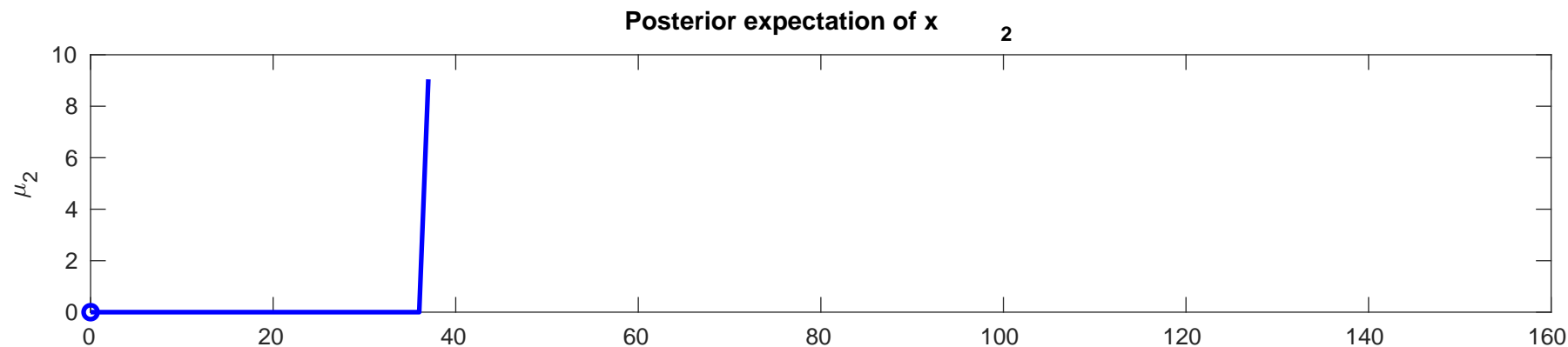
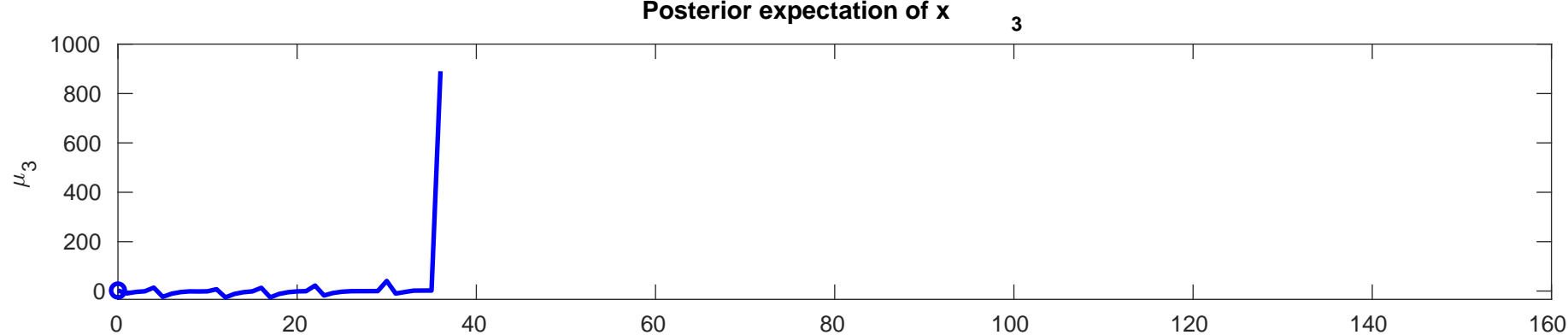




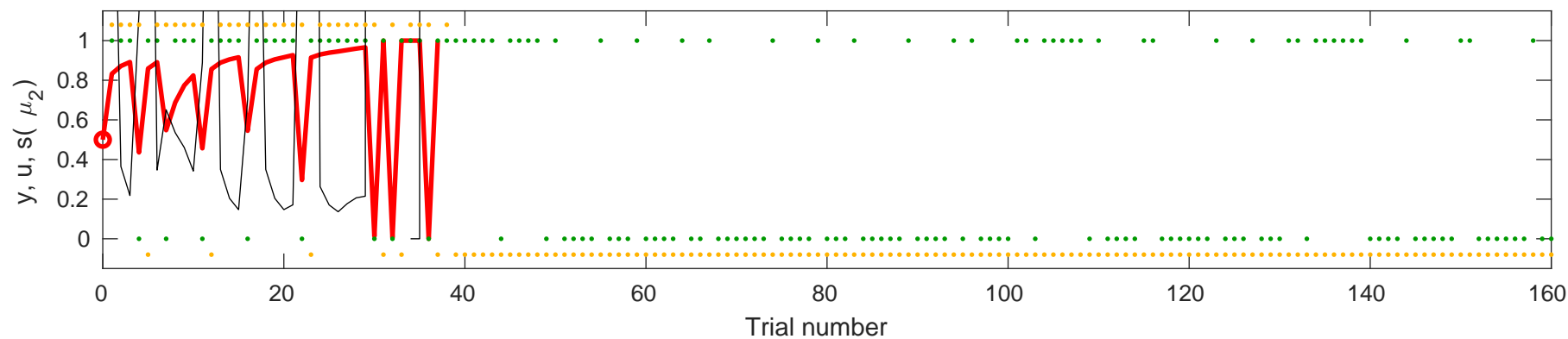
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.1021$

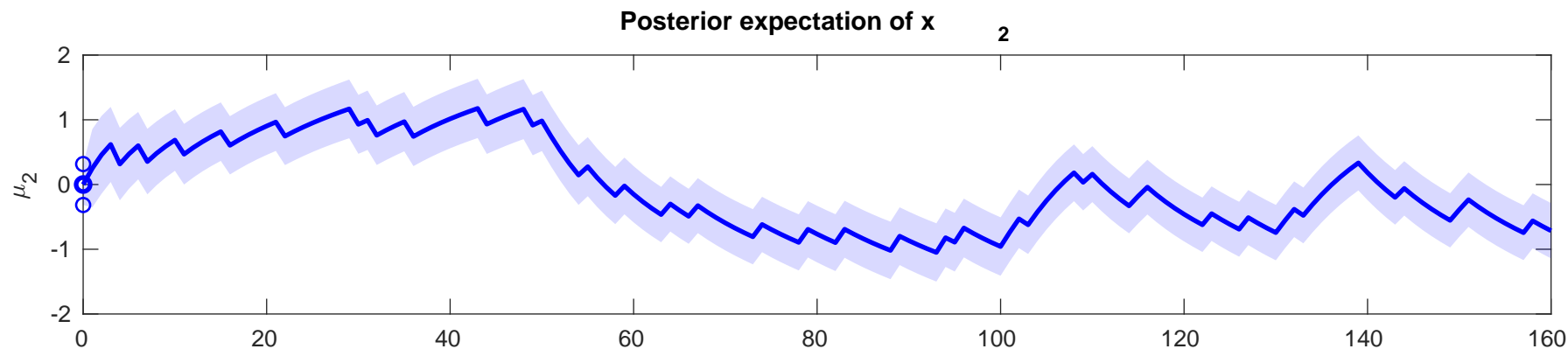
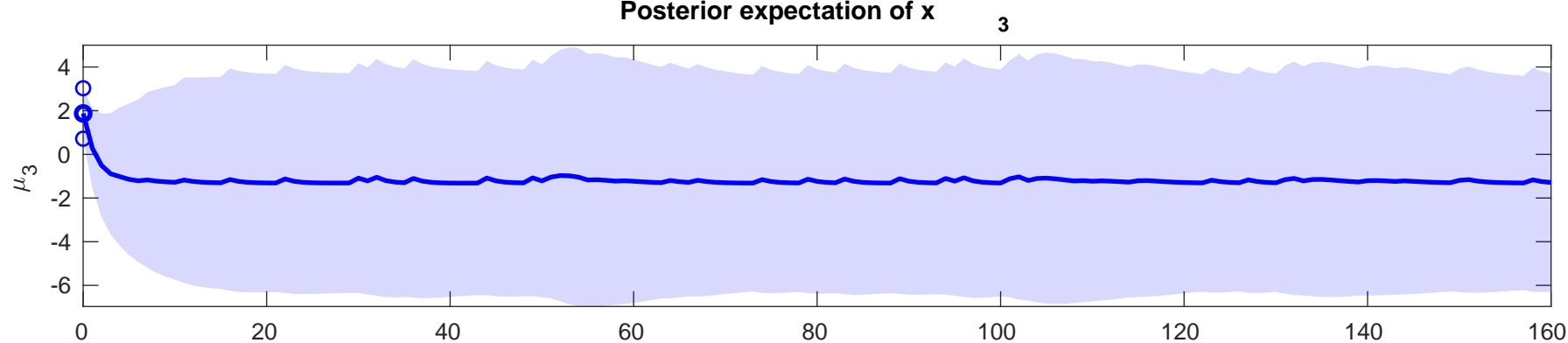




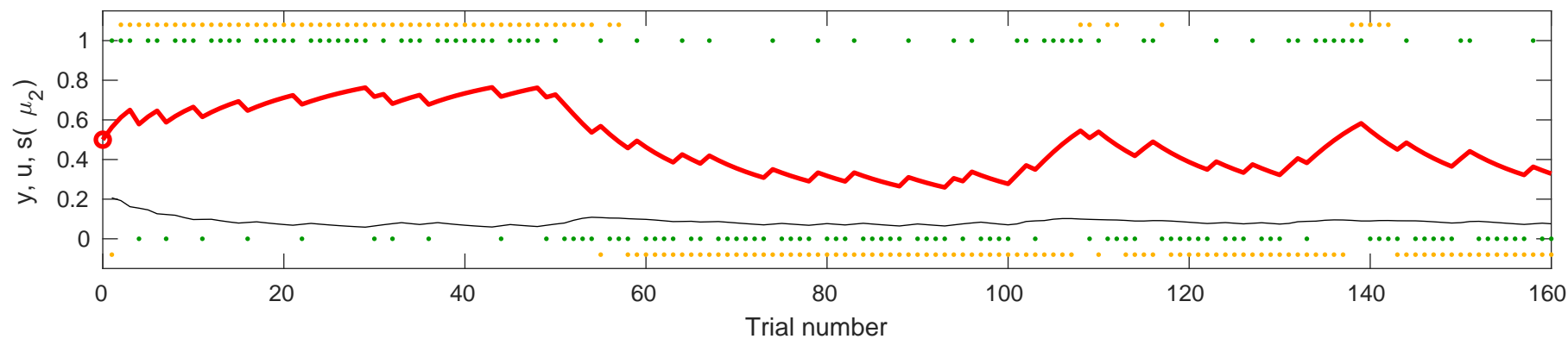


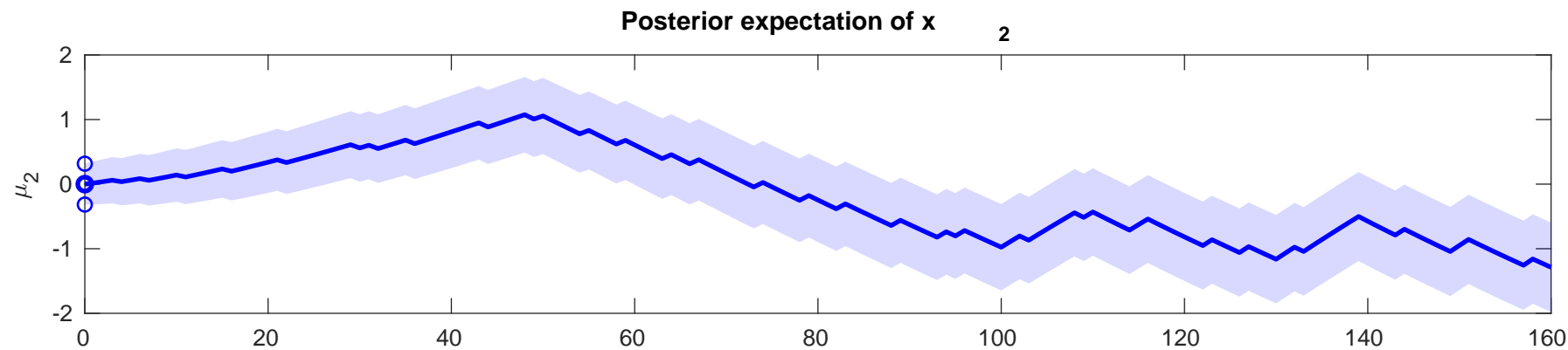
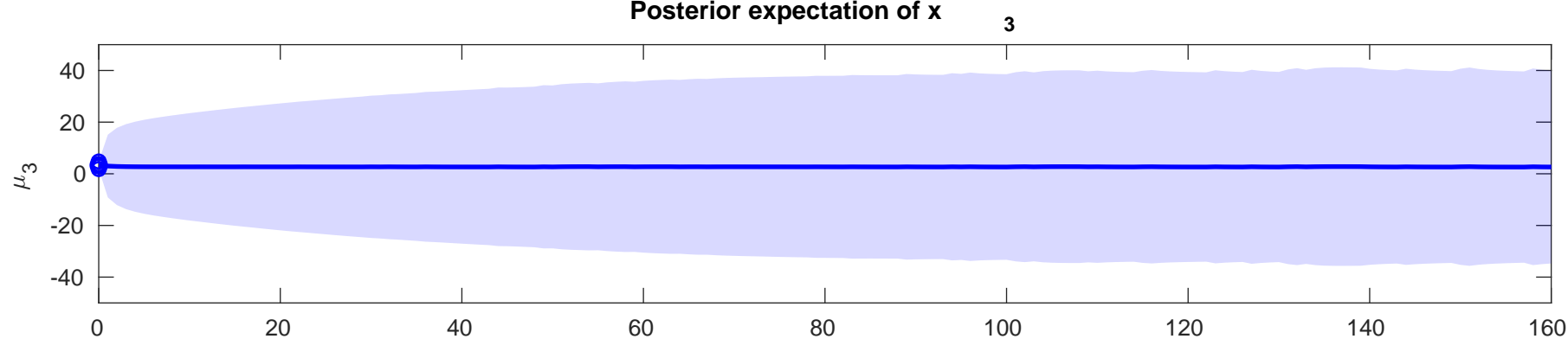
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=1.2296$



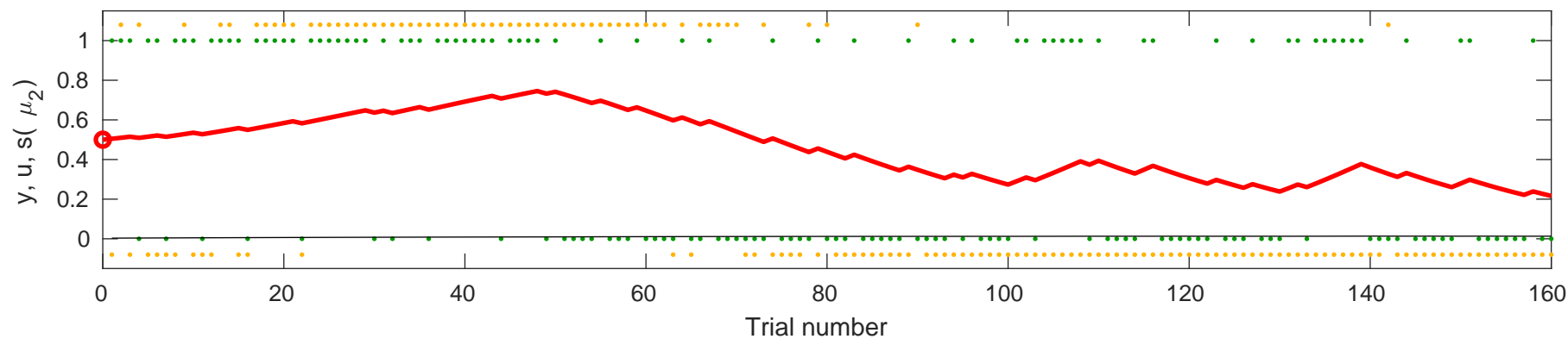


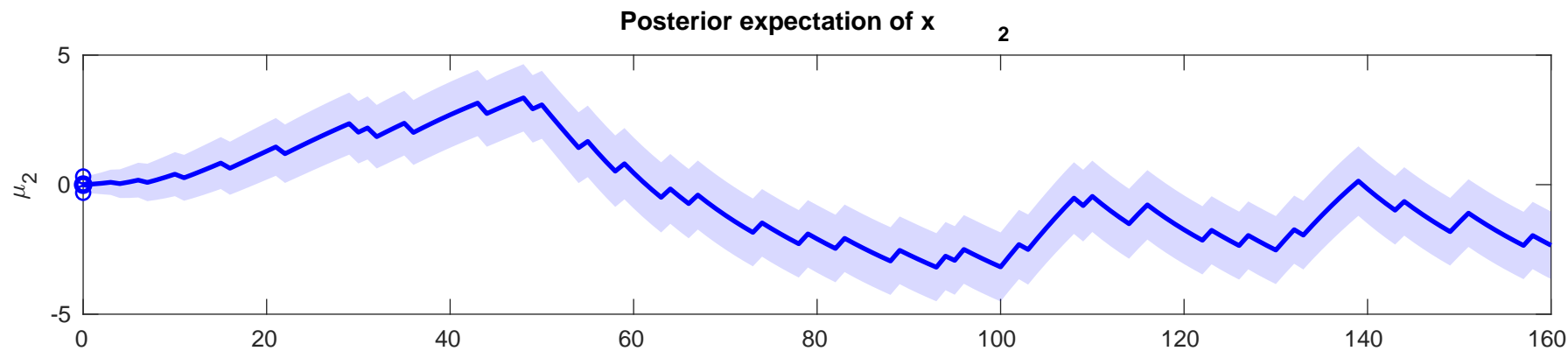
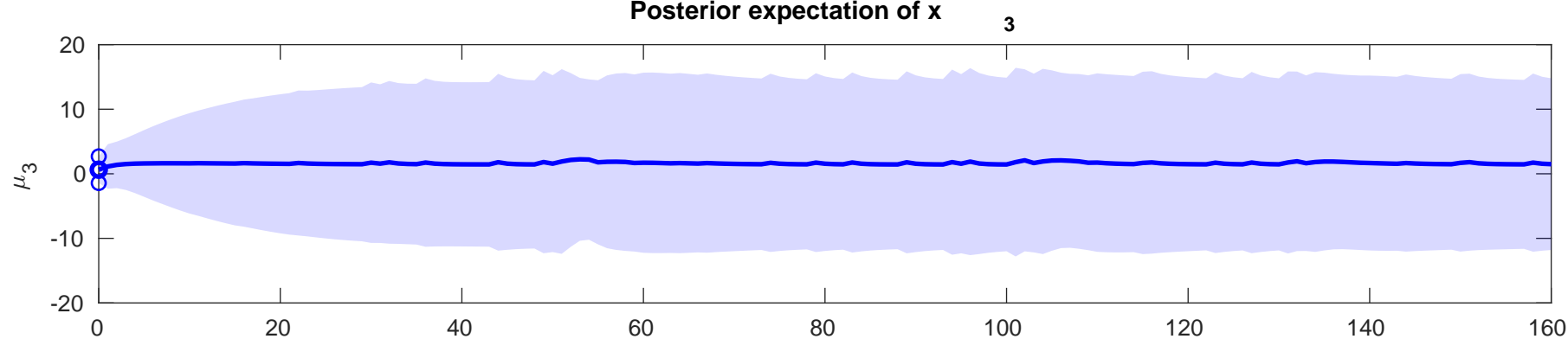
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.9462$



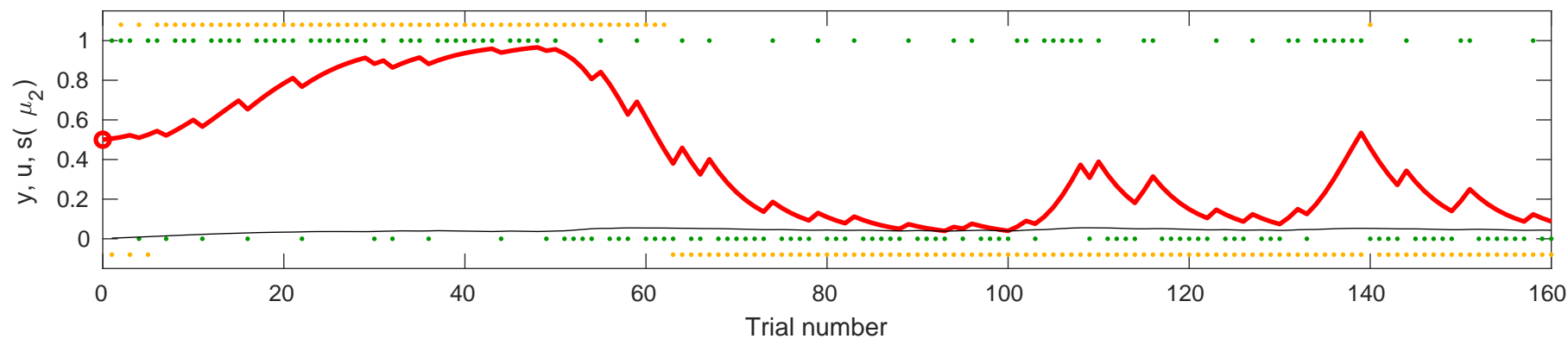


Plot of the observed output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-7.7003$



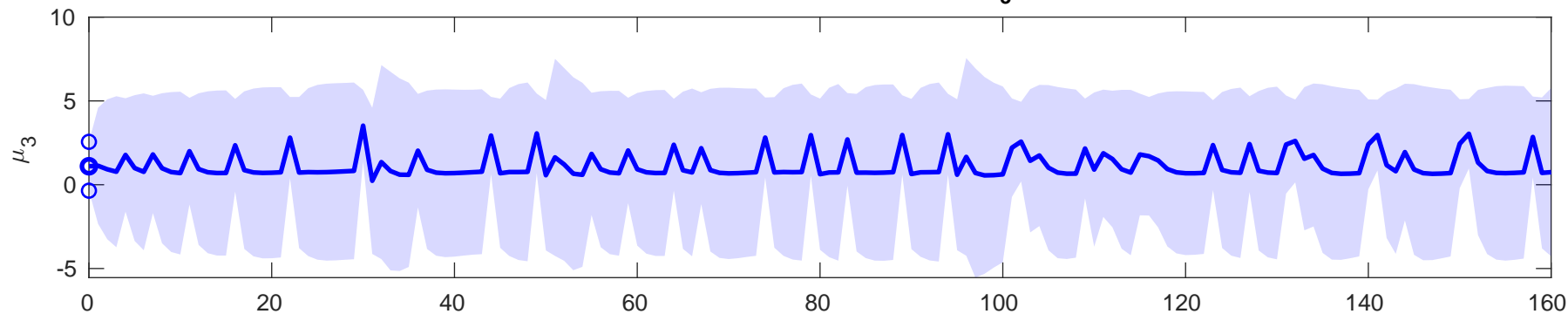


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-4.153$



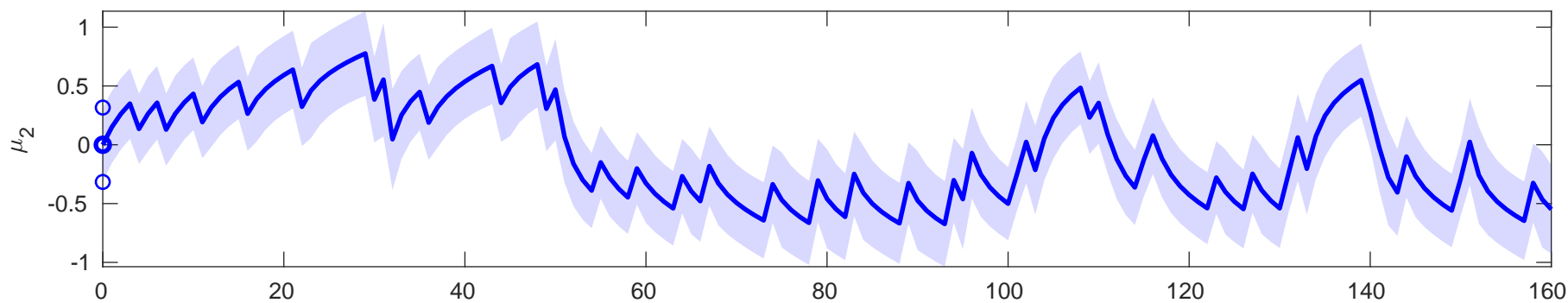
Posterior expectation of  $x$

3



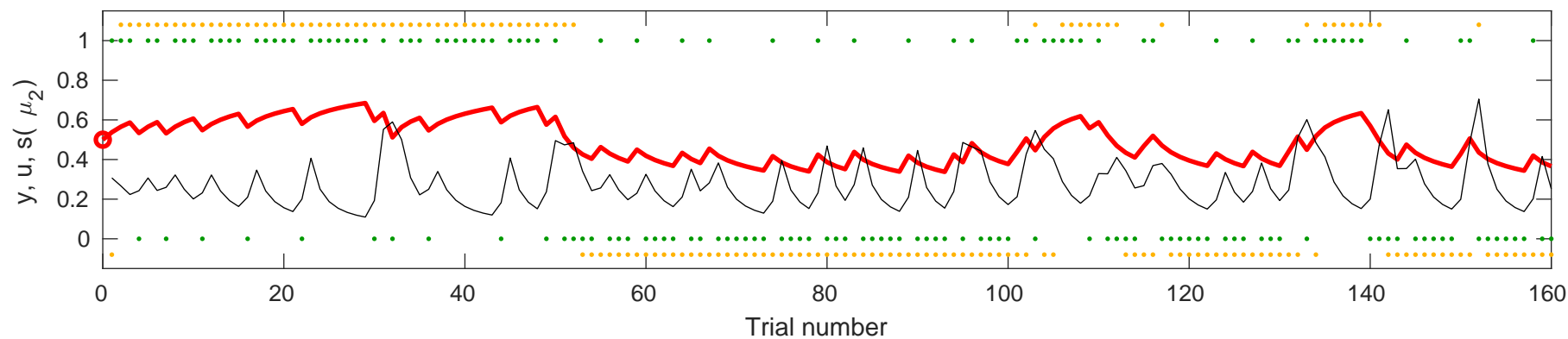
Posterior expectation of  $x$

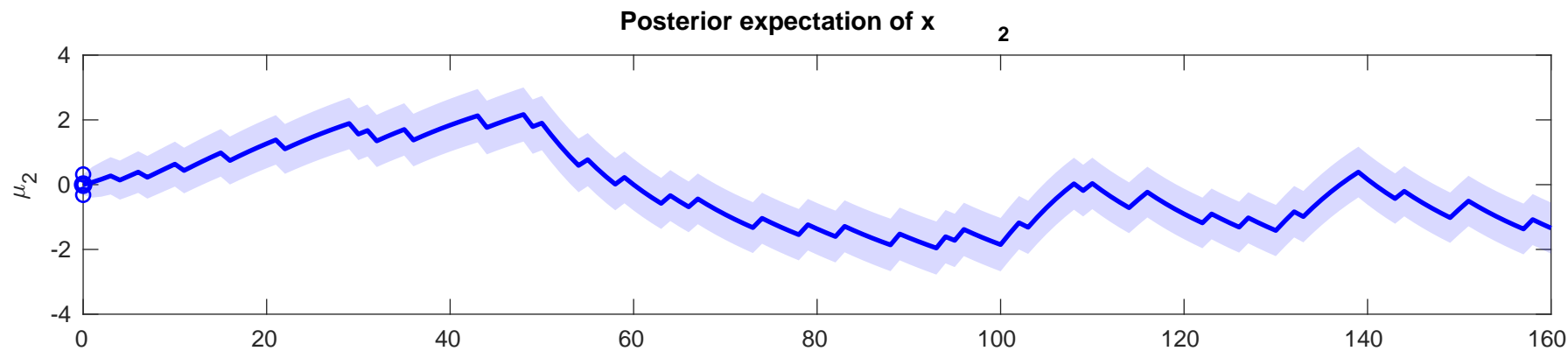
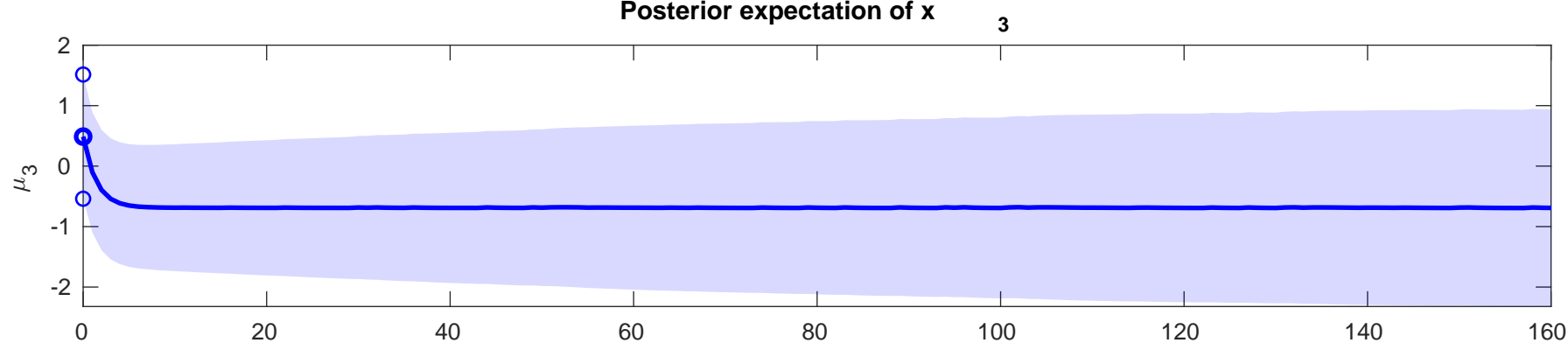
2



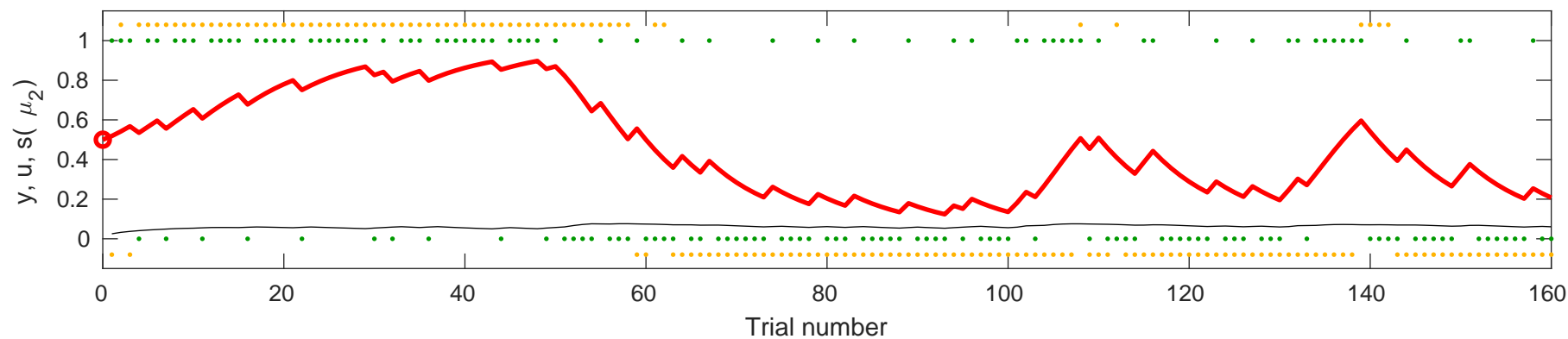
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ (

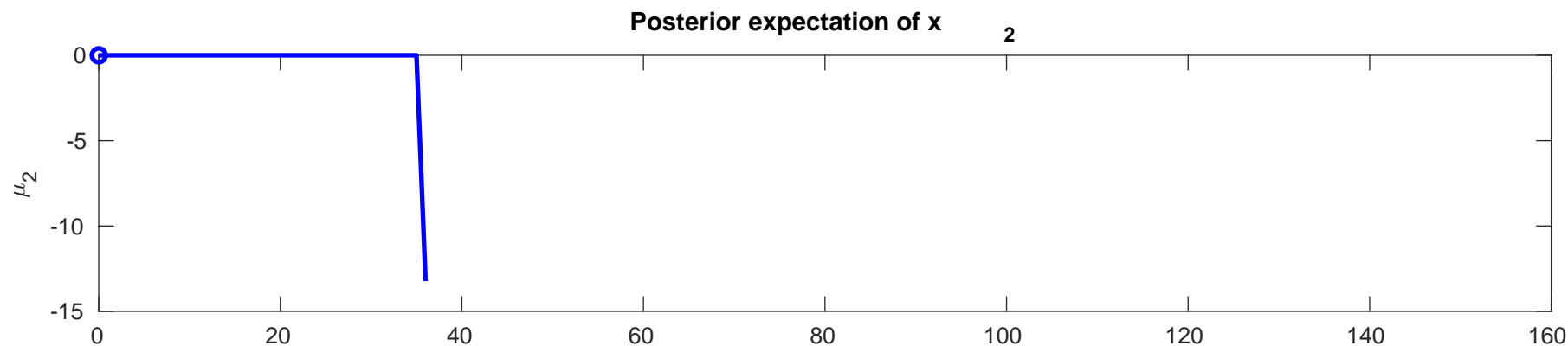
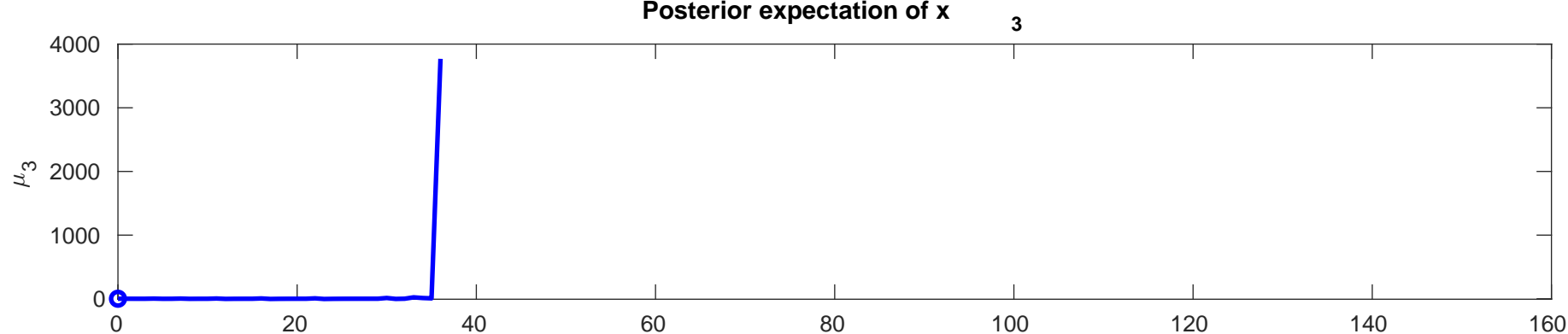
$\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.8417$



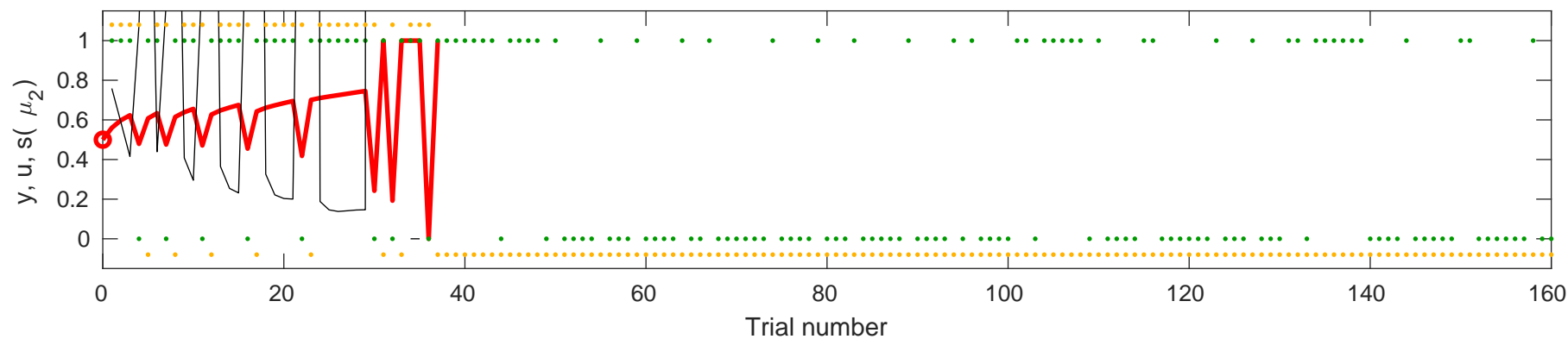


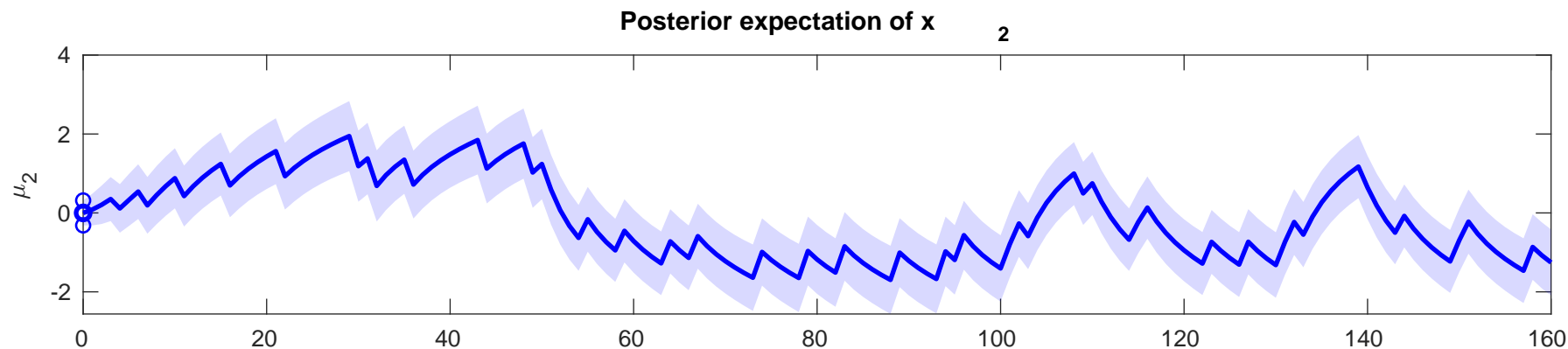
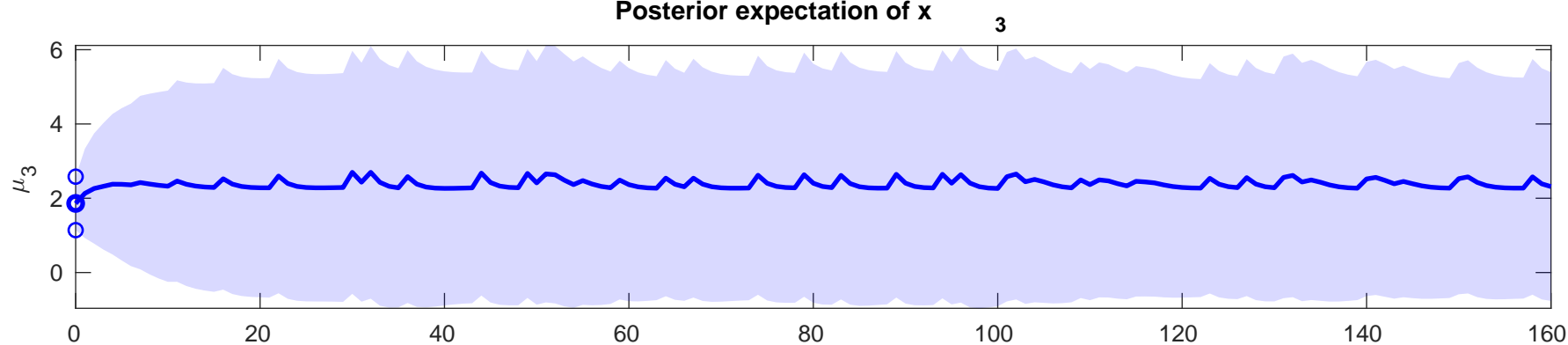
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.5126$



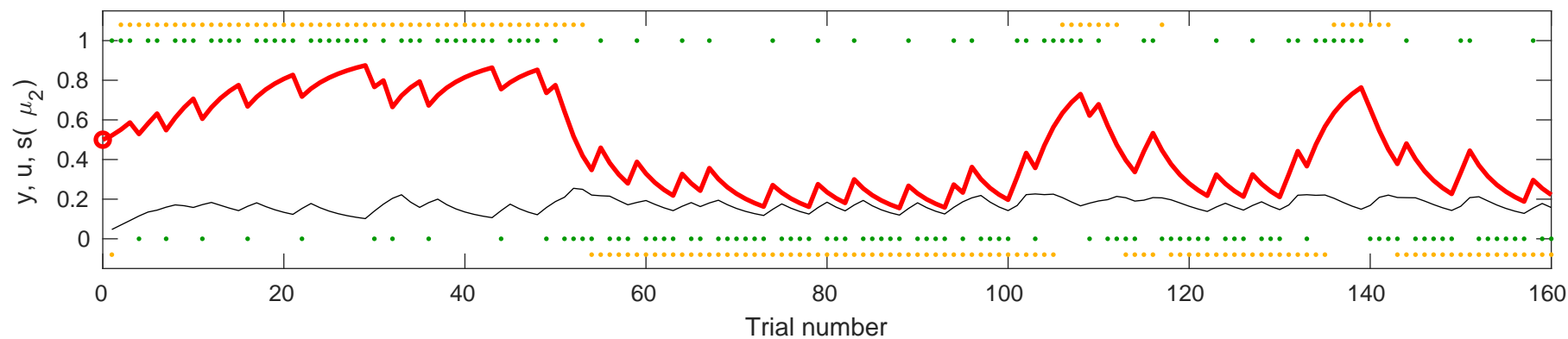


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.0541$

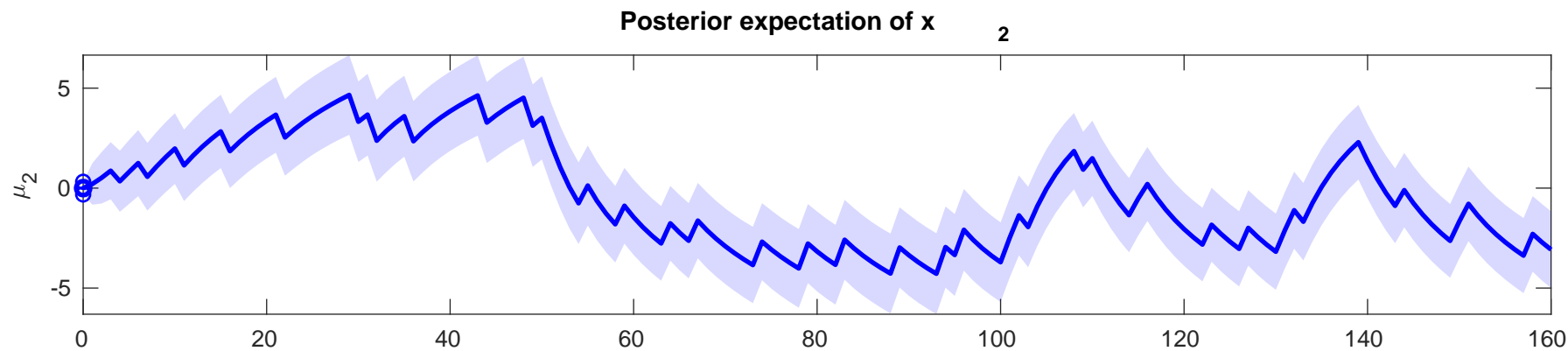
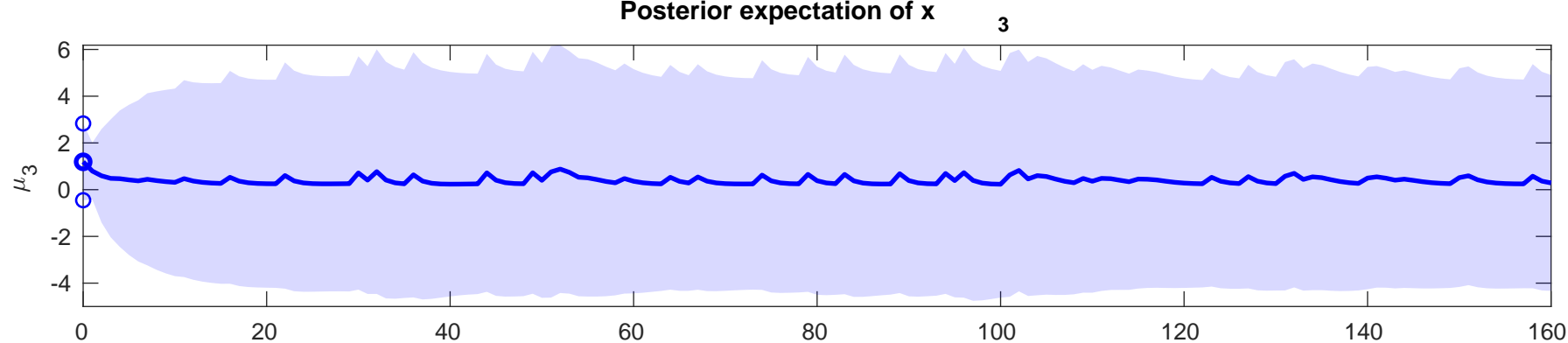




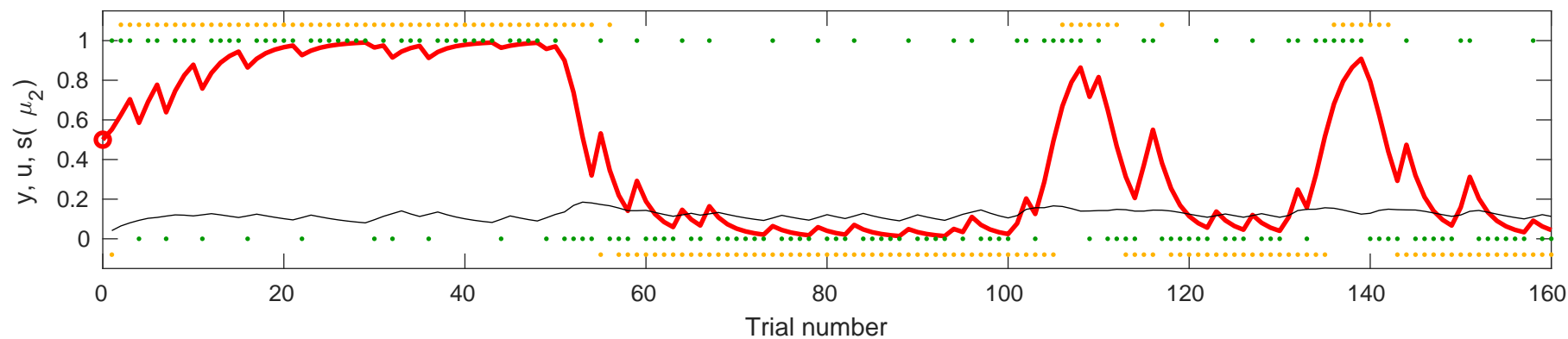
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-4.5262$

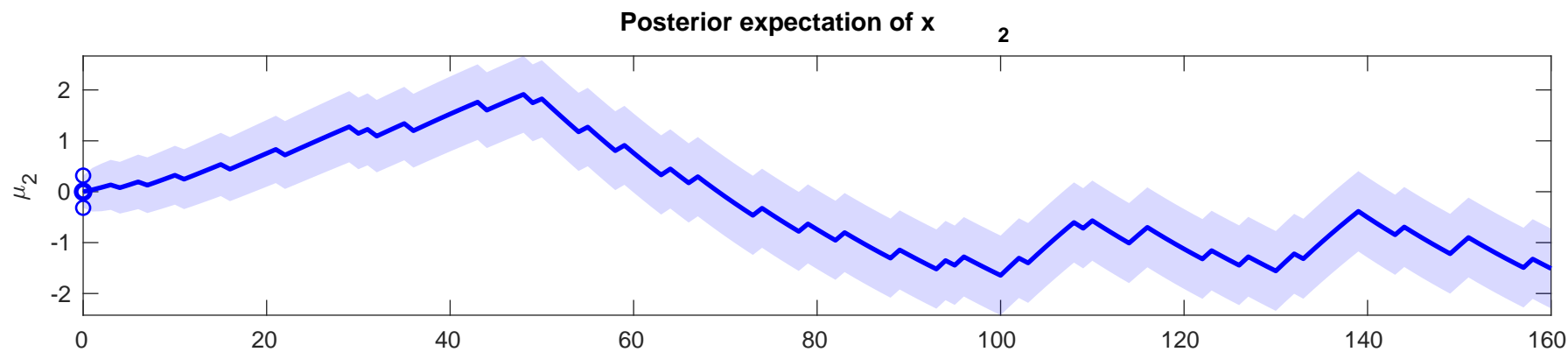
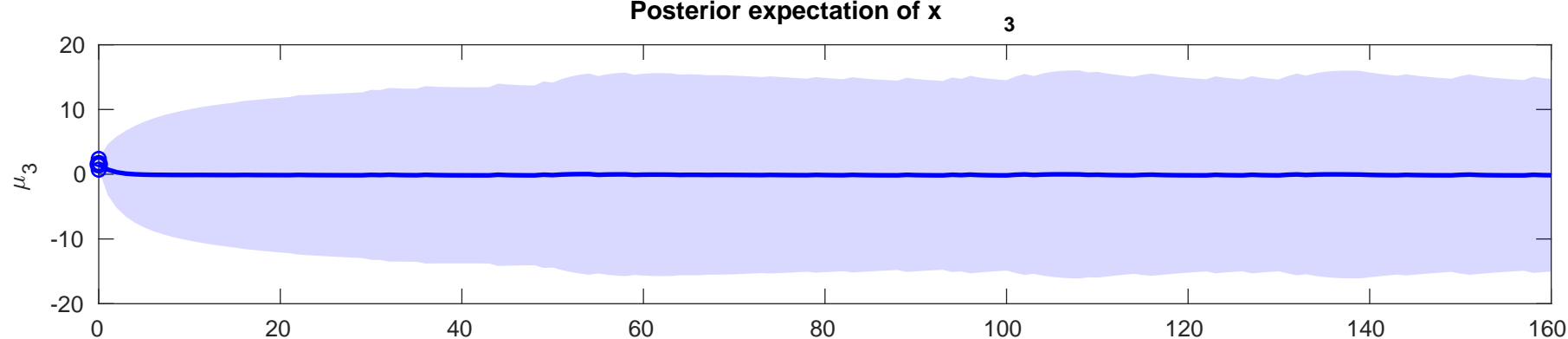




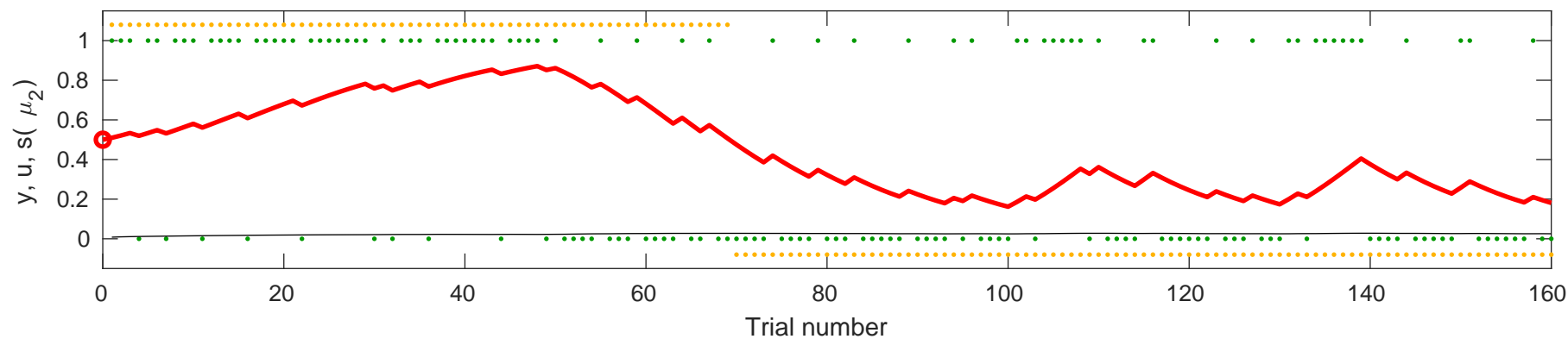


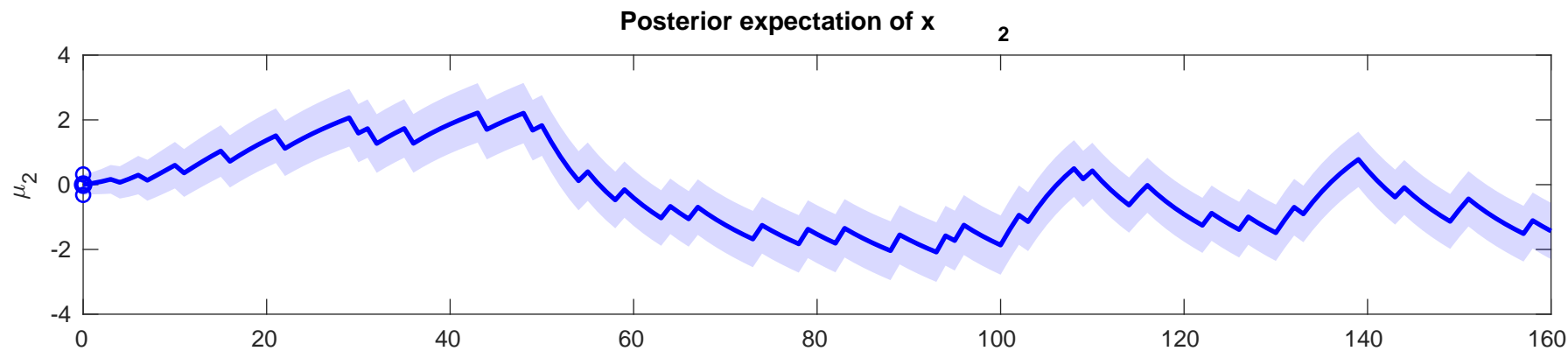
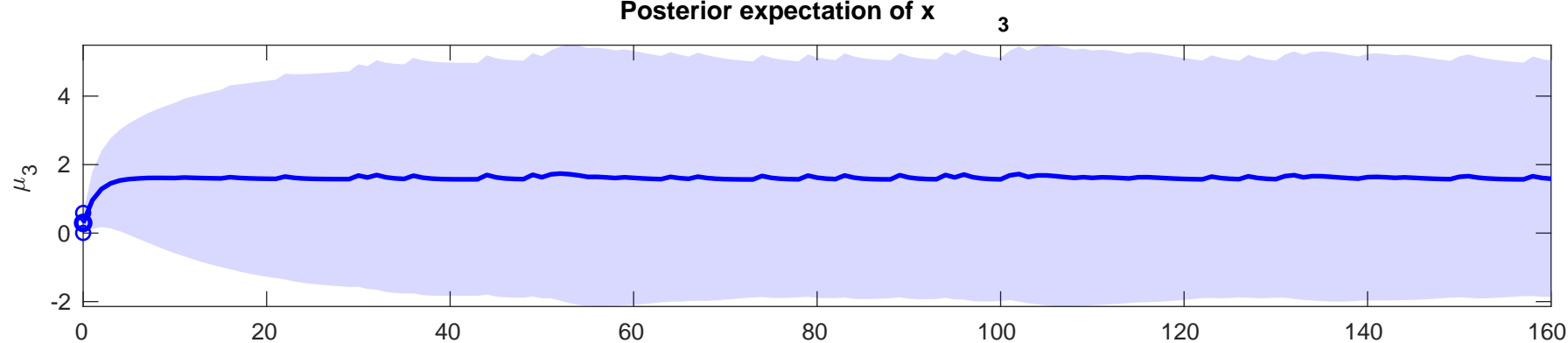
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.1709$



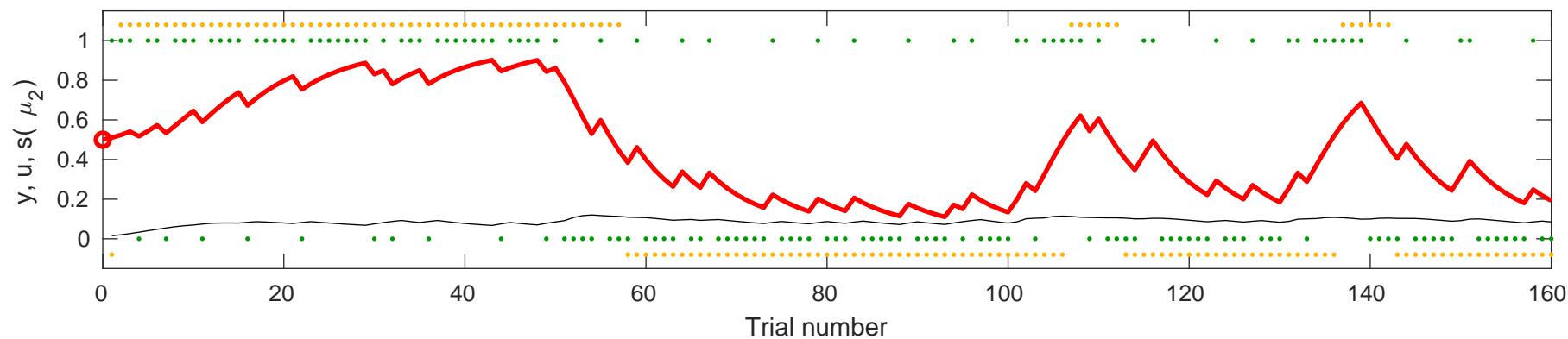


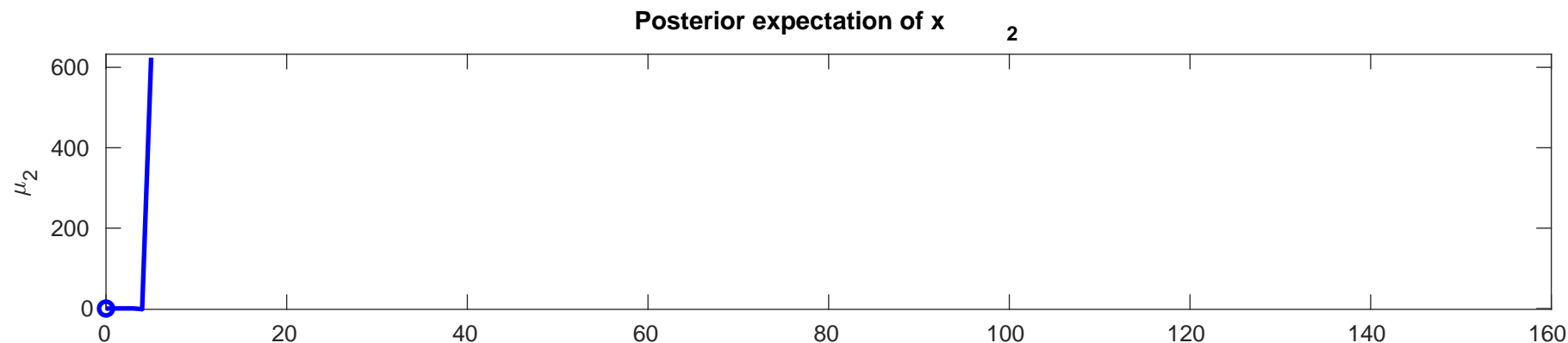
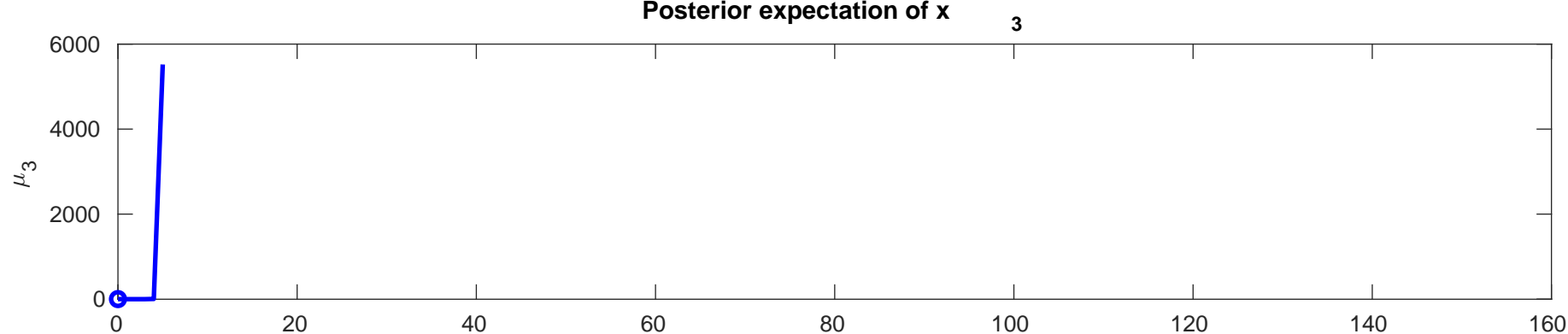
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.9969$



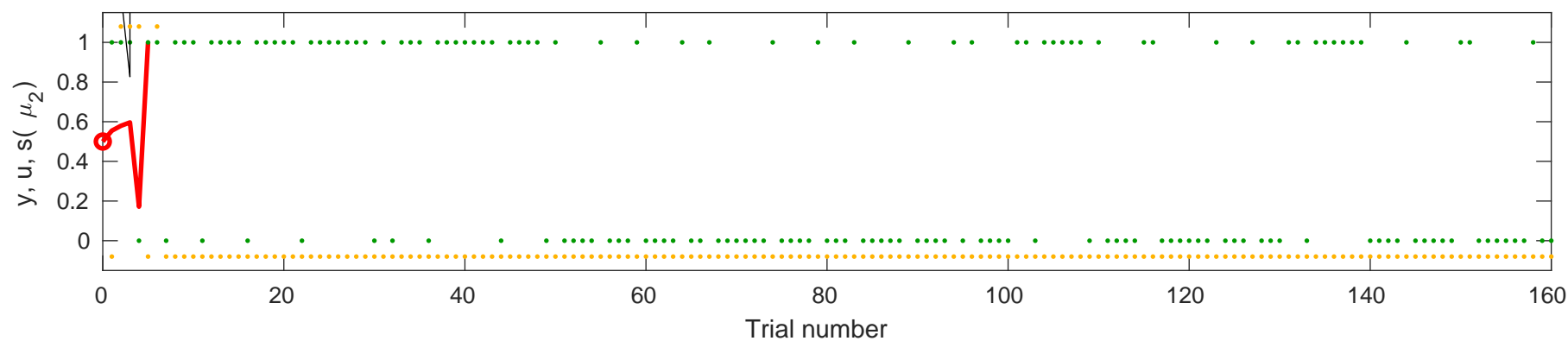


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.263$ .

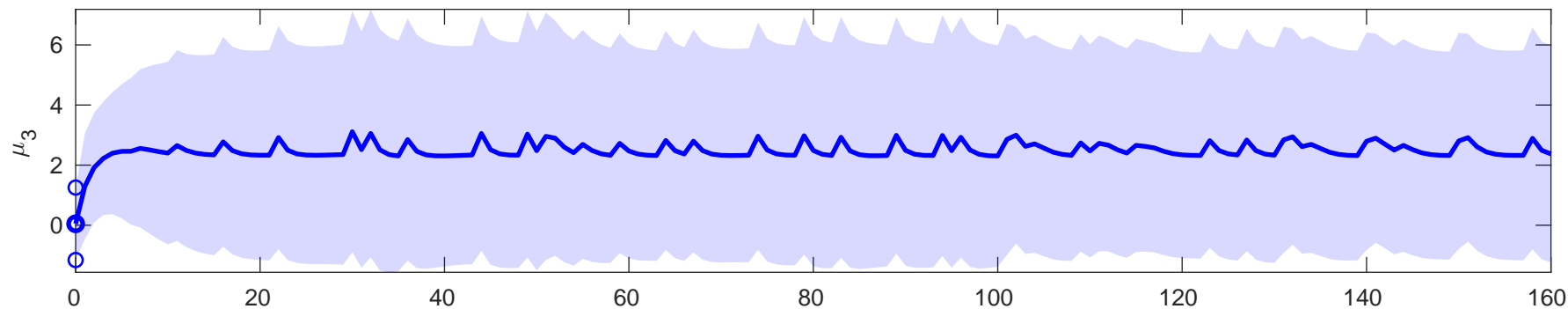




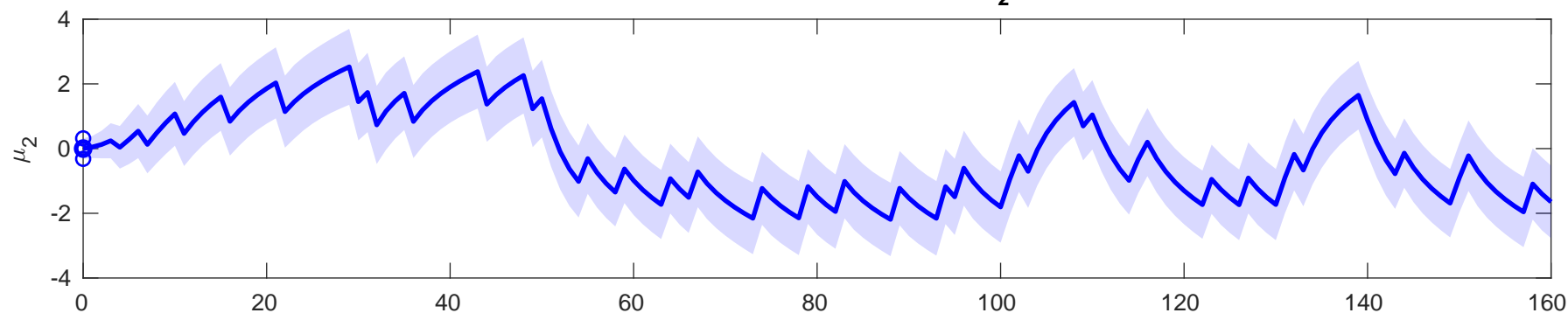
Output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-0.11244$



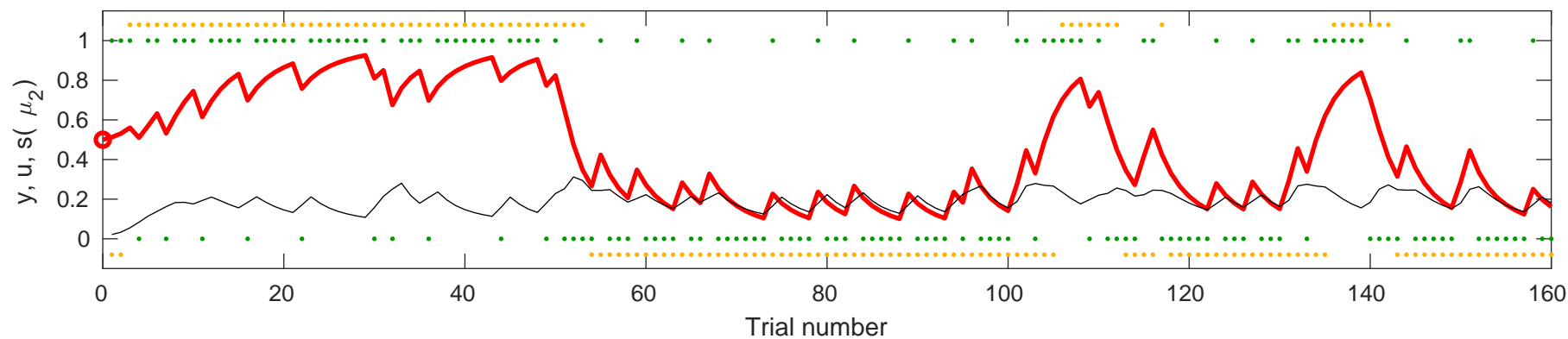
Posterior expectation of  $x$  **3**

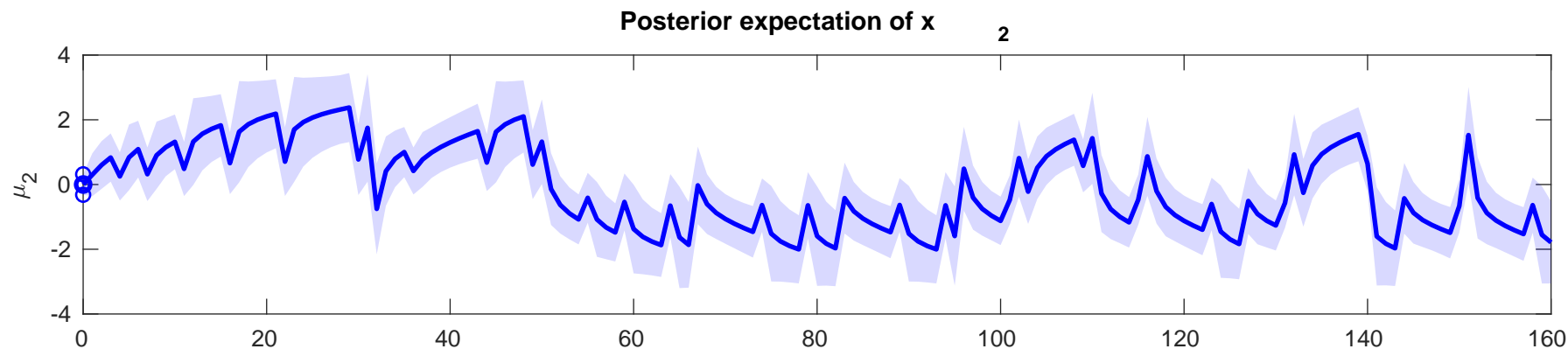
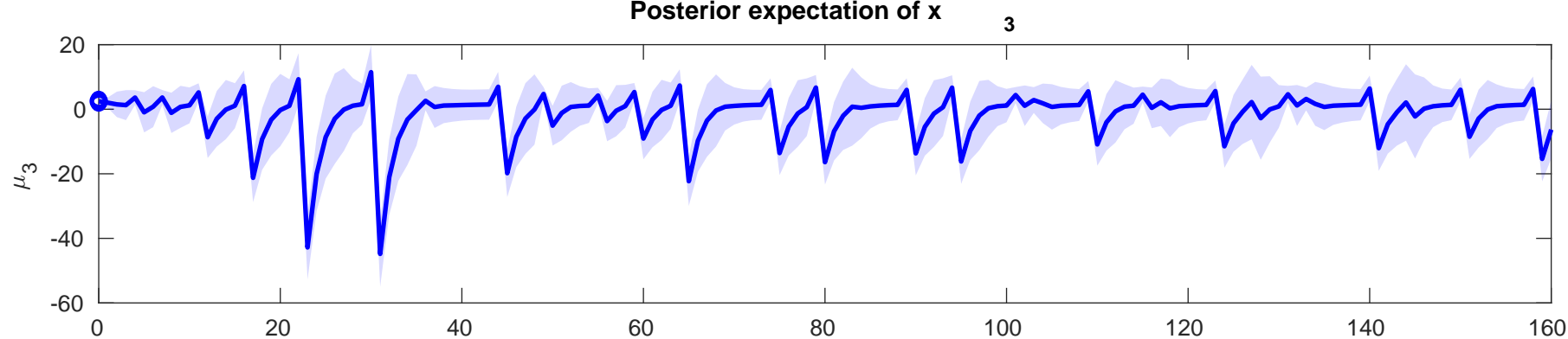


Posterior expectation of  $x$  **2**

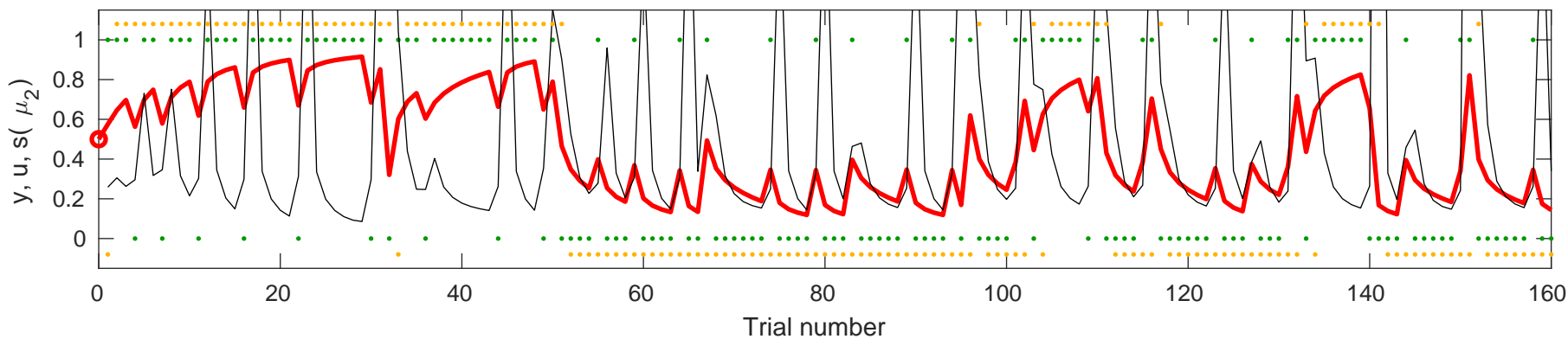


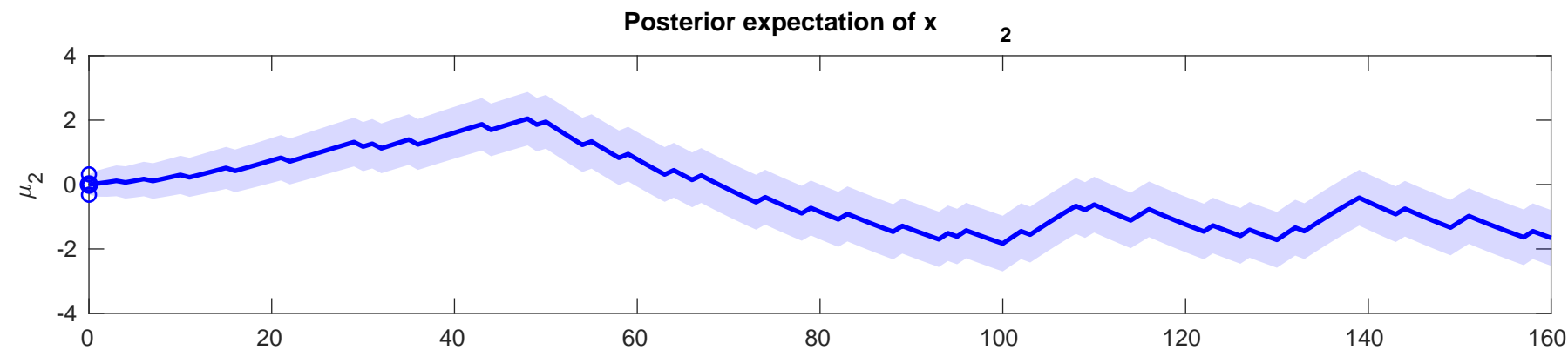
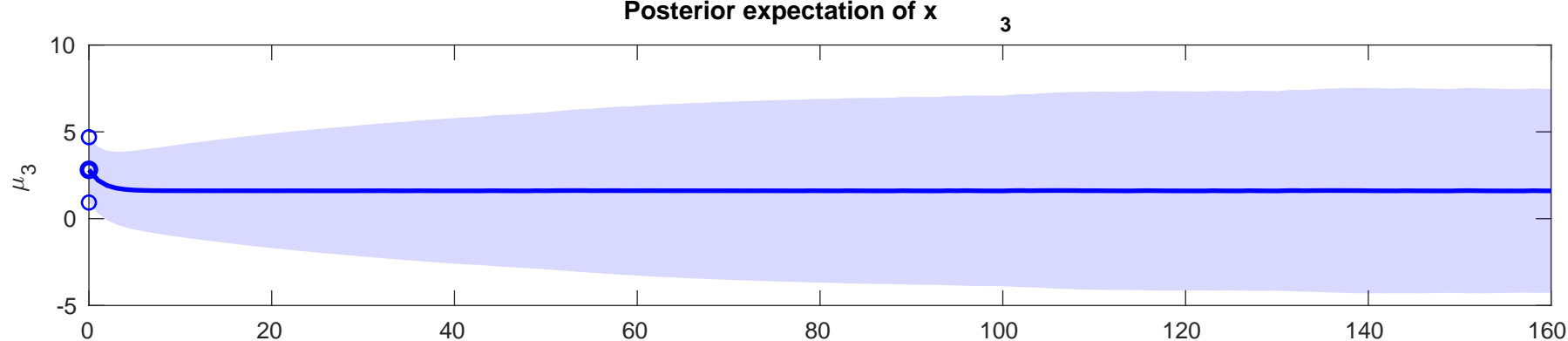
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.9629$



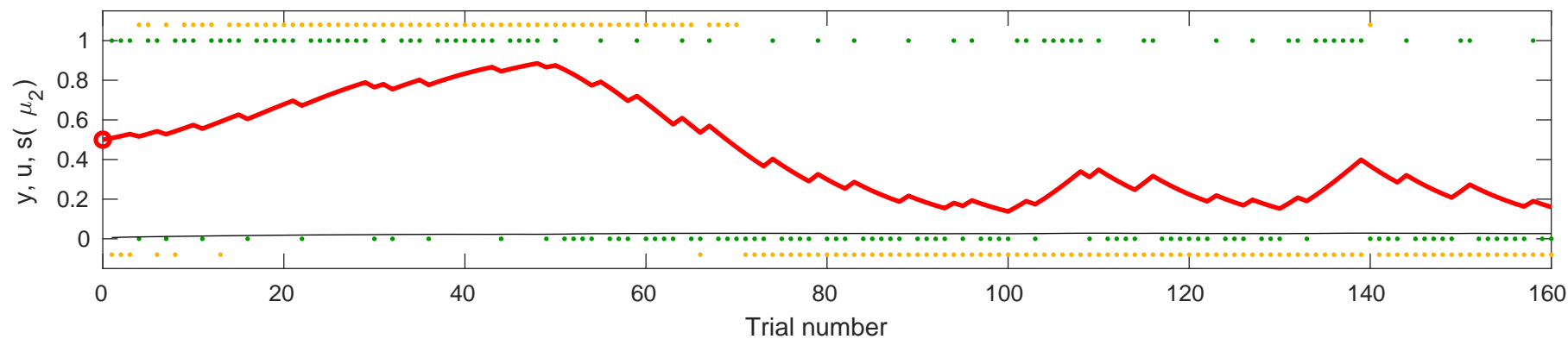


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.2687$



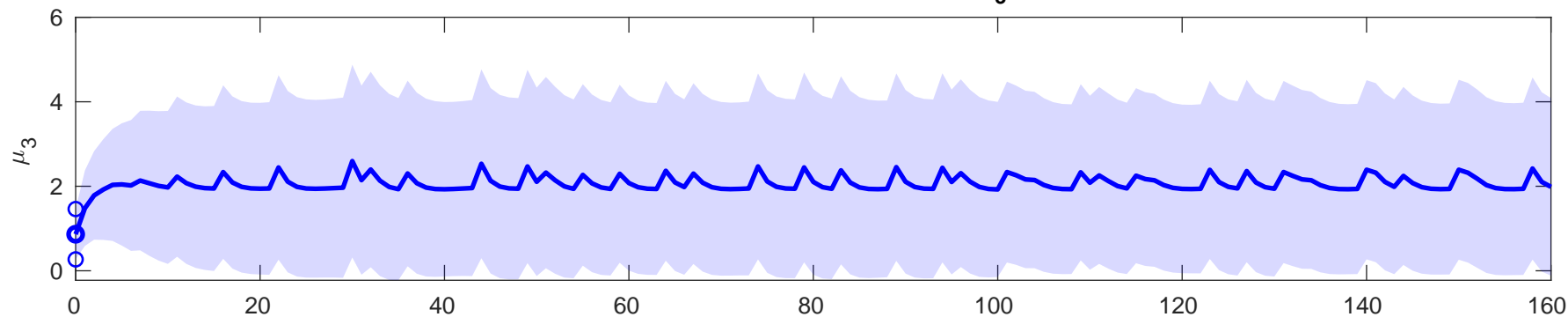


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.4974$

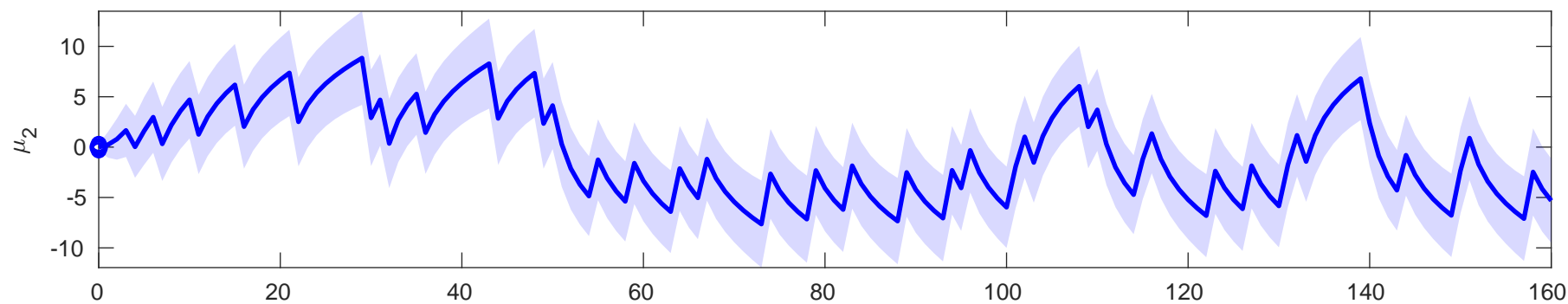


Posterior expectation of  $x$ 

3

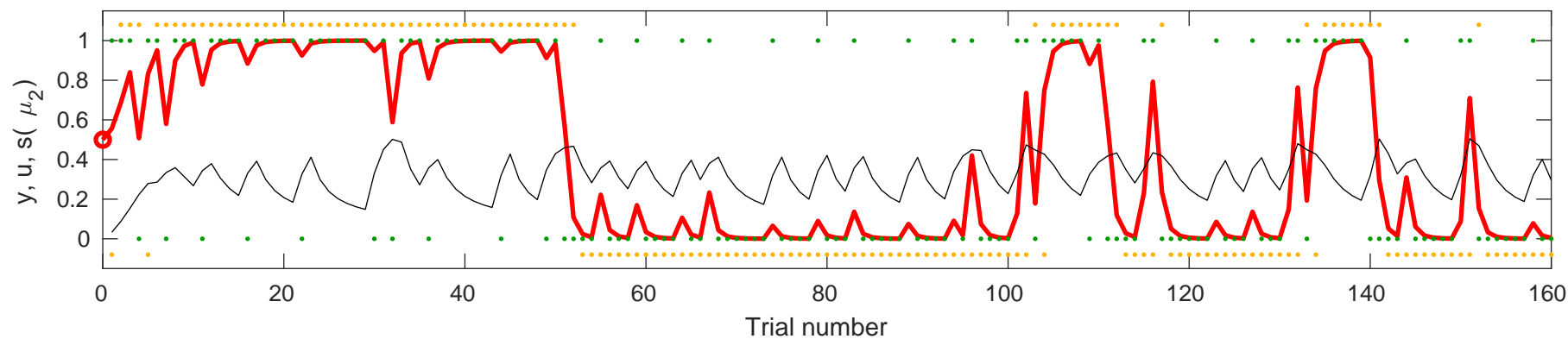
Posterior expectation of  $x$ 

2



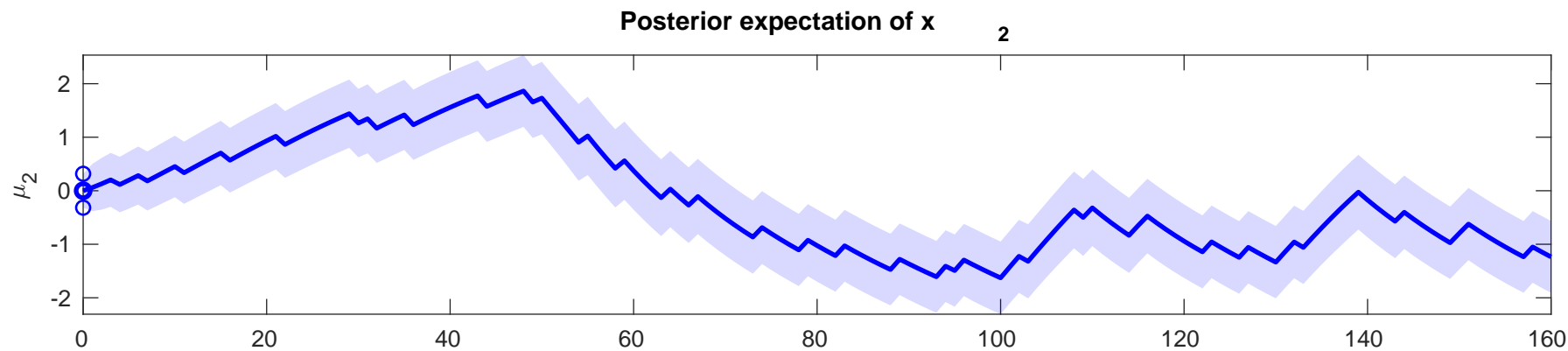
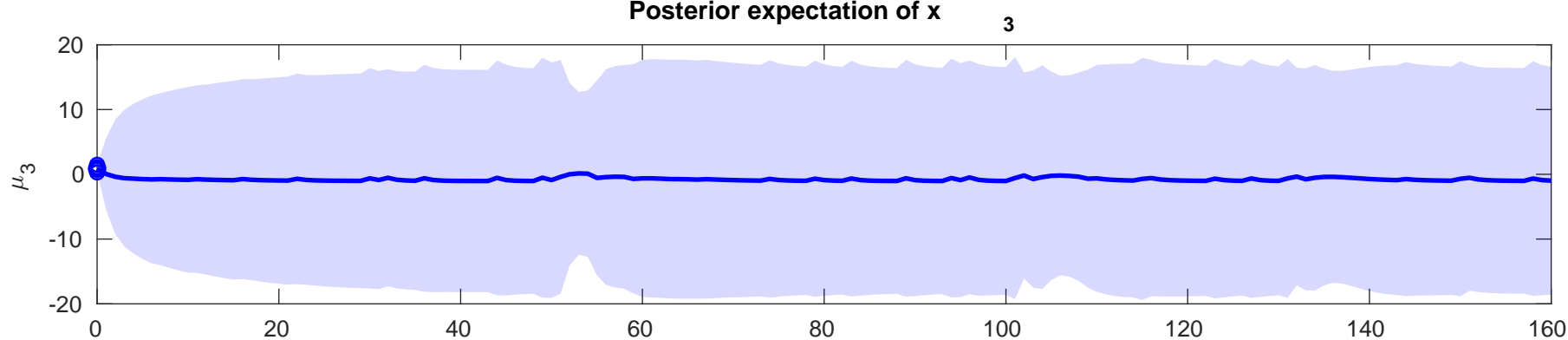
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ (

$\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-0.4162$

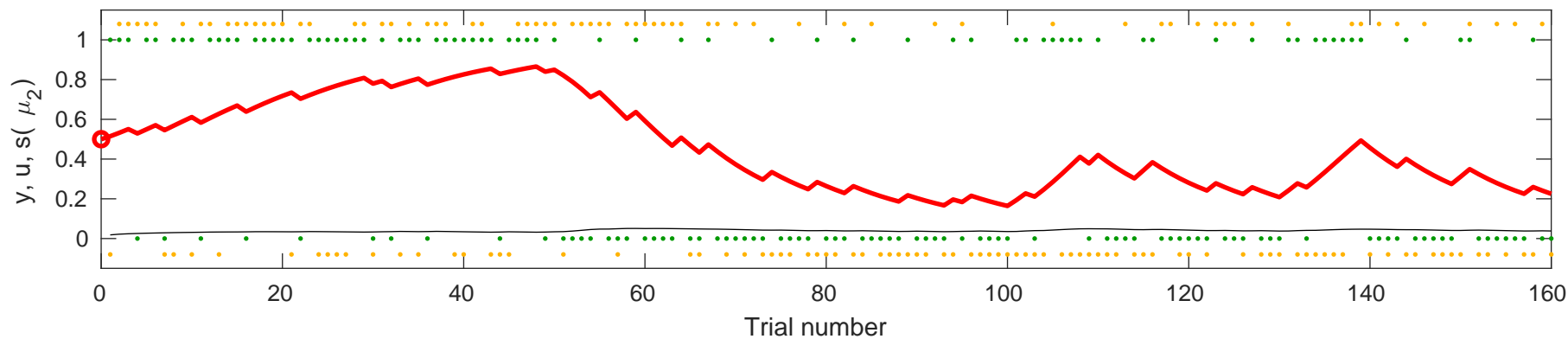


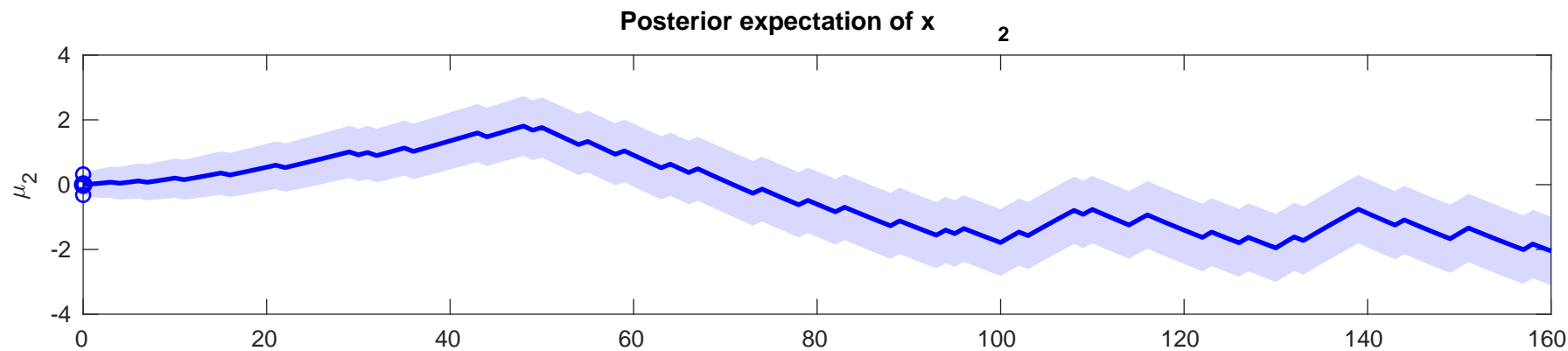
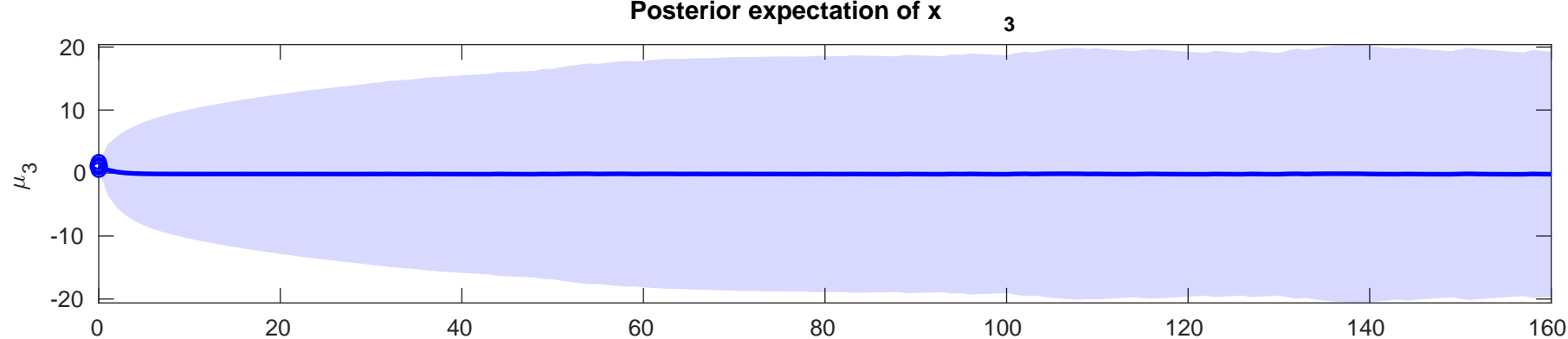
Trial number



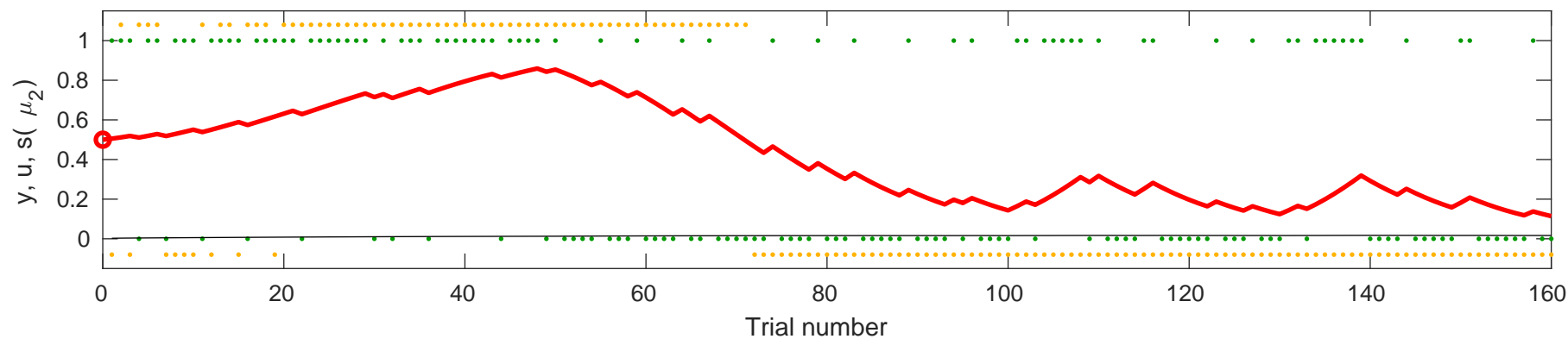


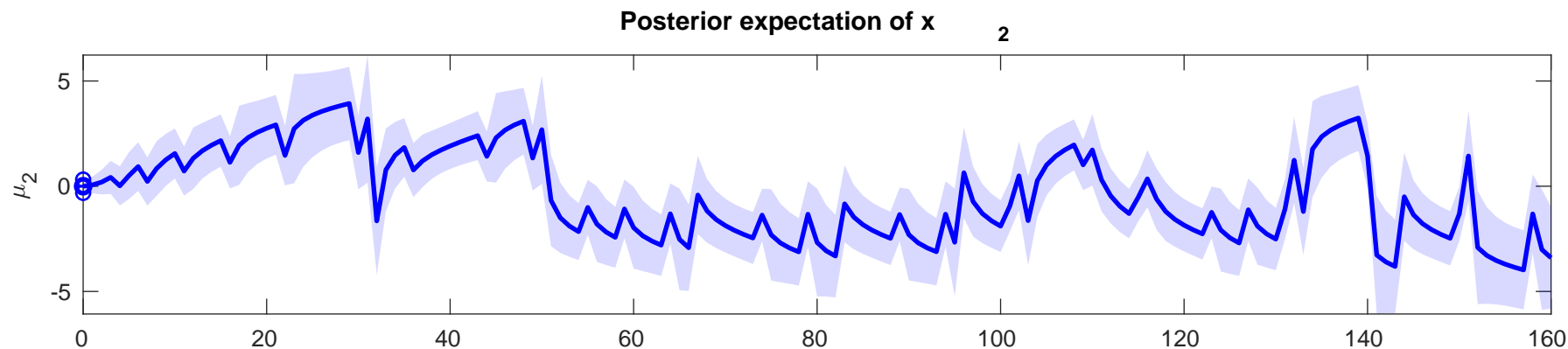
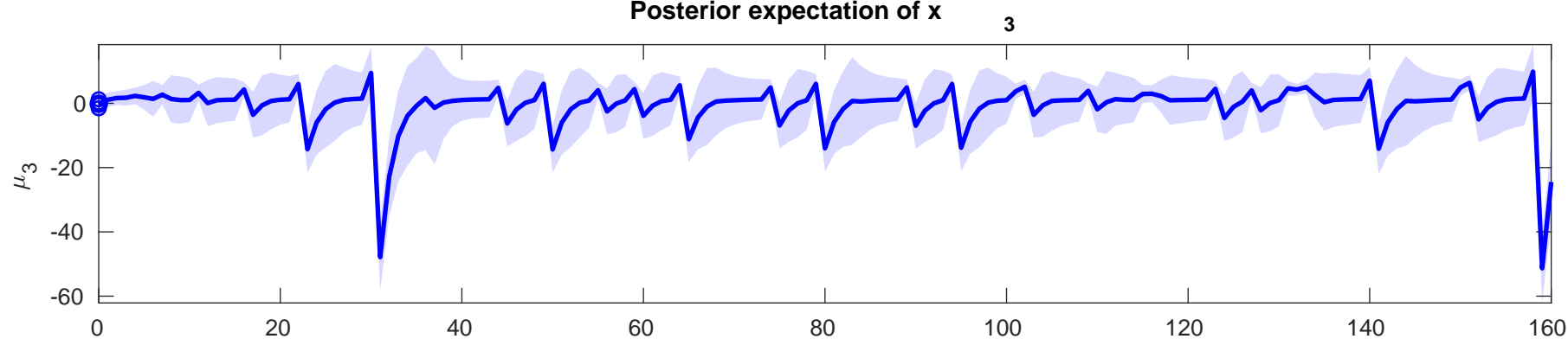
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.1943$



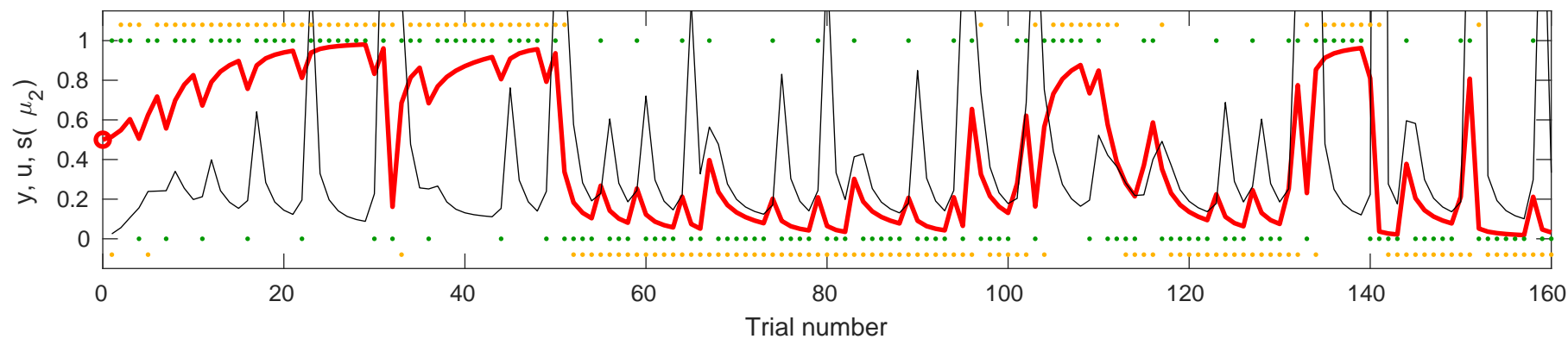


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.7787$

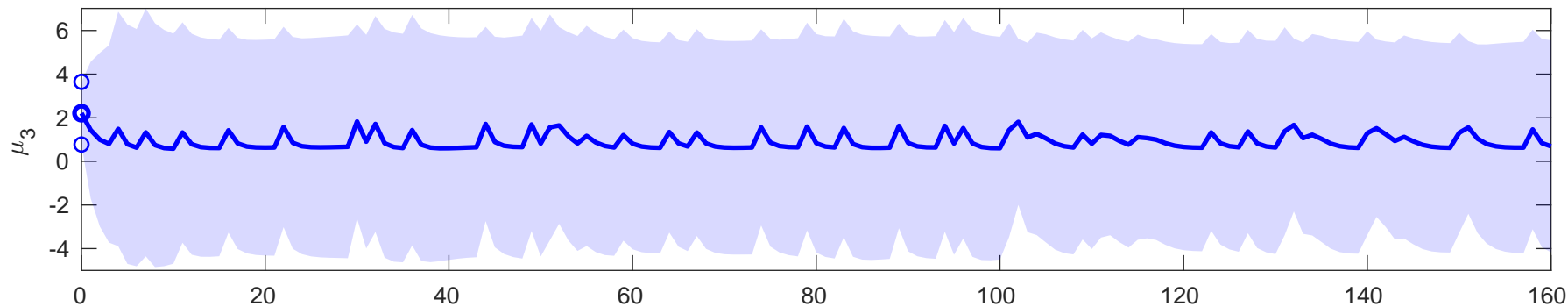




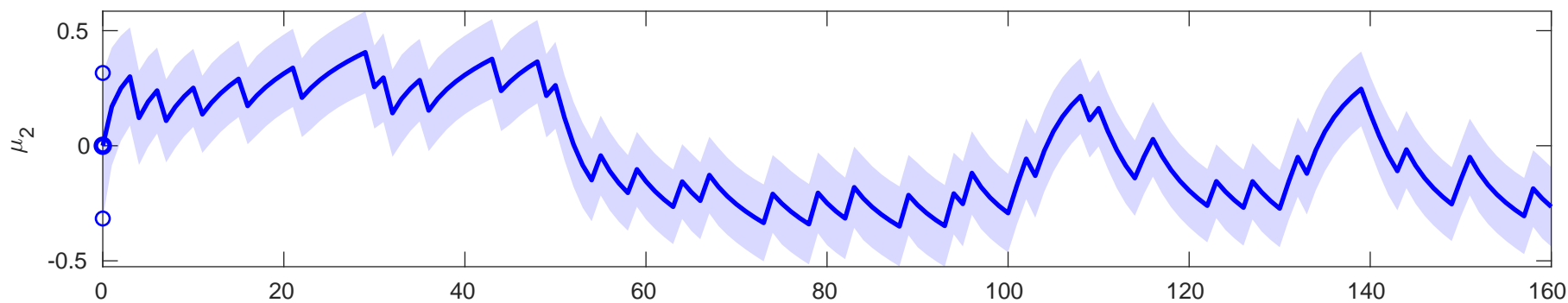
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.6922$



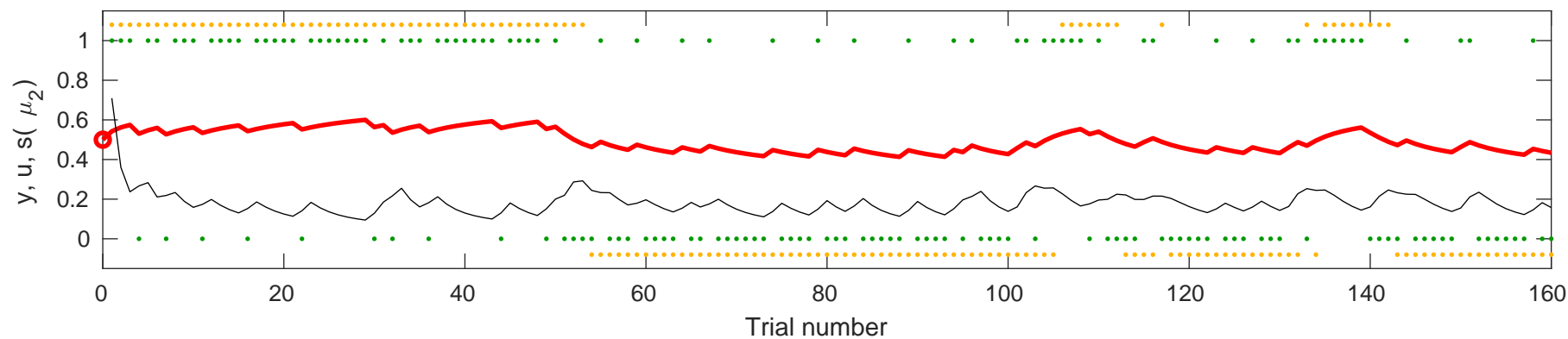
Posterior expectation of  $x$  **3**



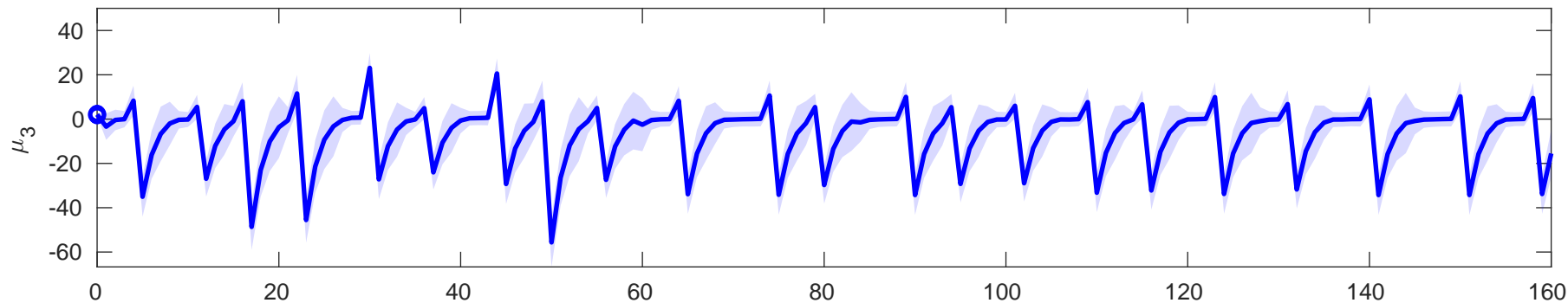
Posterior expectation of  $x$  **2**



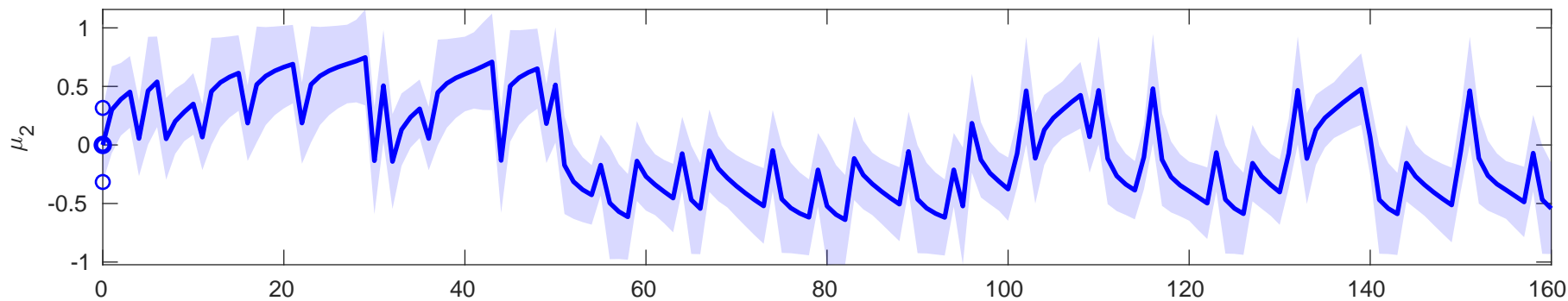
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-6.2466$



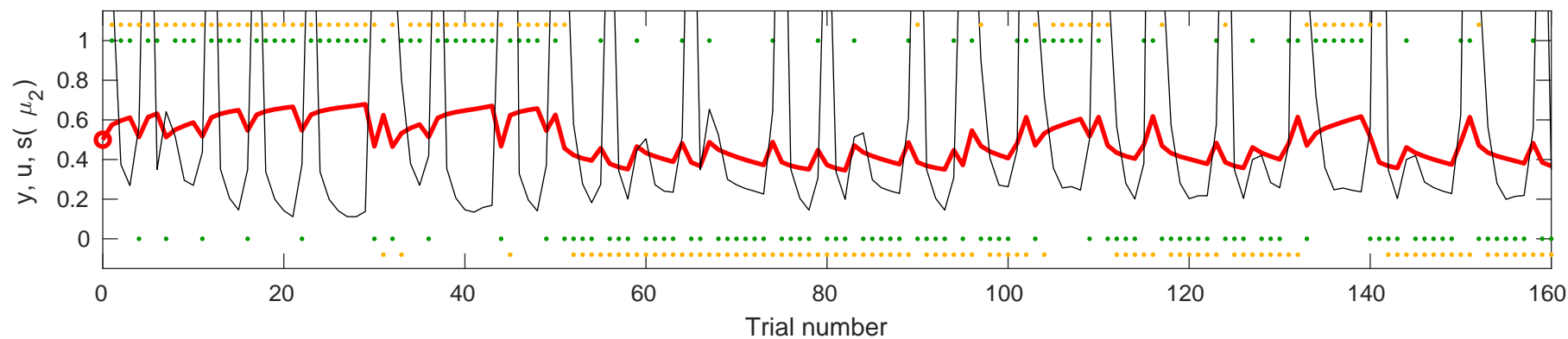
Posterior expectation of  $x$  **3**

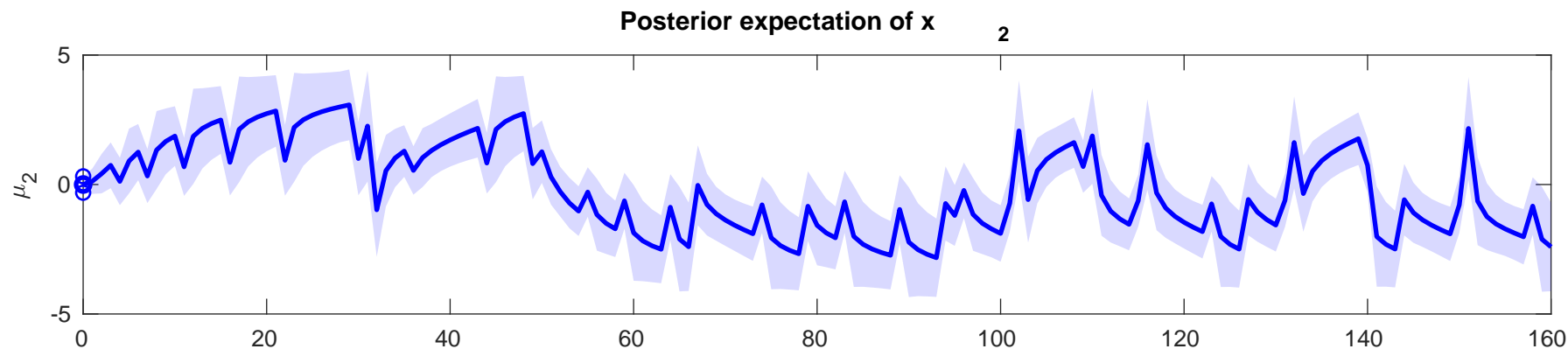
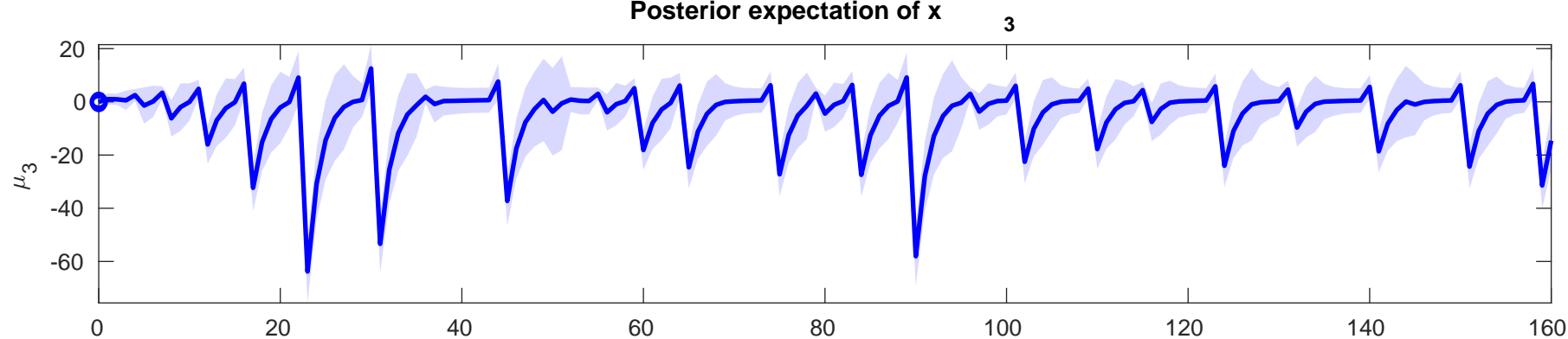


Posterior expectation of  $x$  **2**

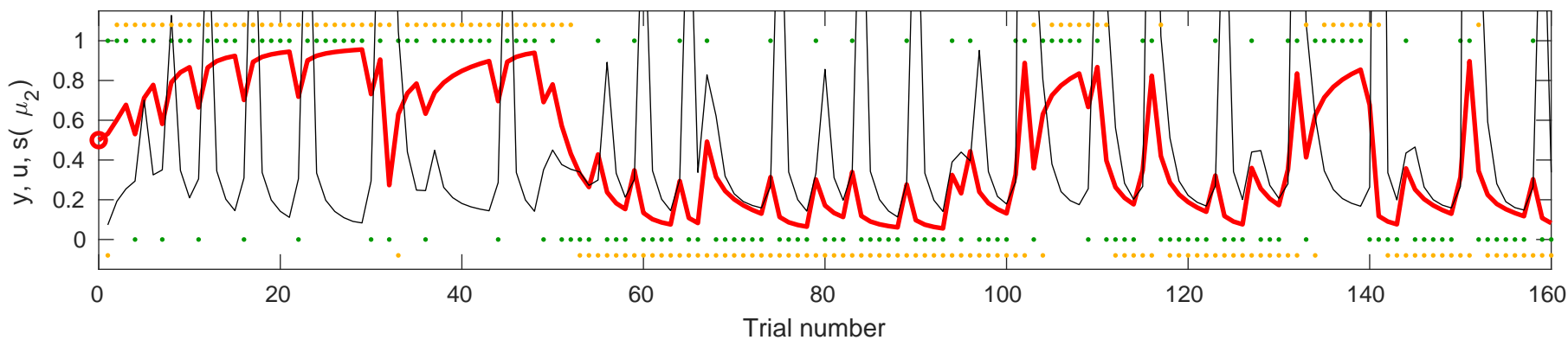


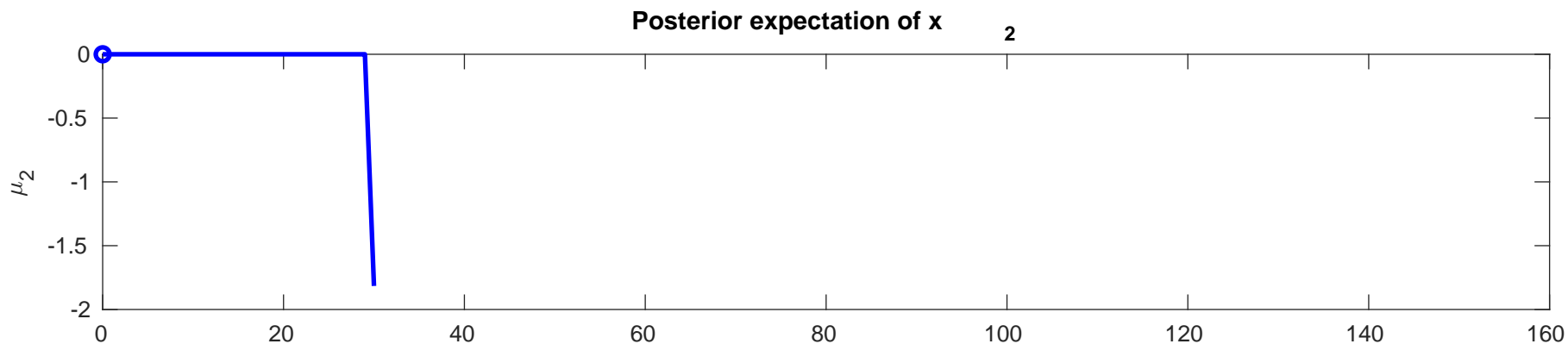
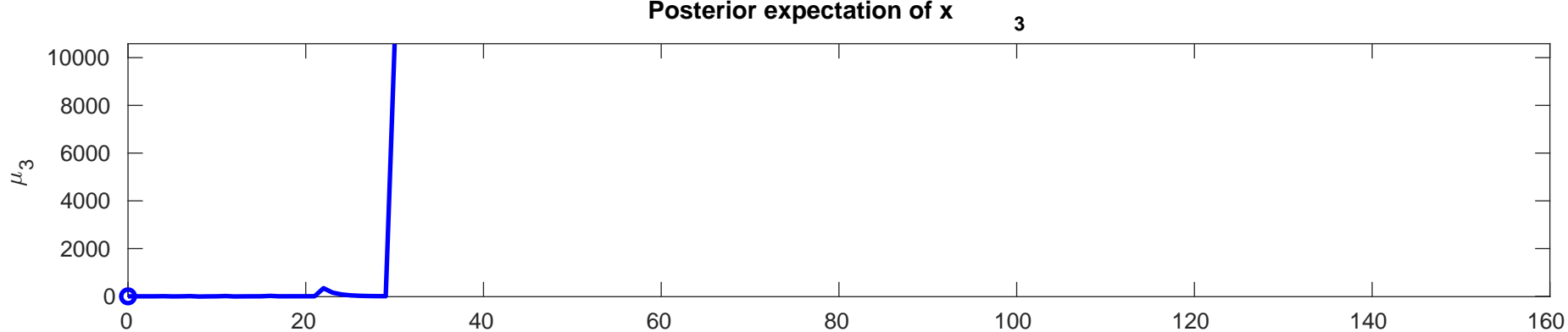
Plot of the posterior expectation of  $x_2$  (red line) over 160 trials. The y-axis ranges from -1 to 1. The plot shows a highly oscillatory signal with a light blue shaded area representing the uncertainty. The signal starts at 0 and exhibits large fluctuations throughout the trials.



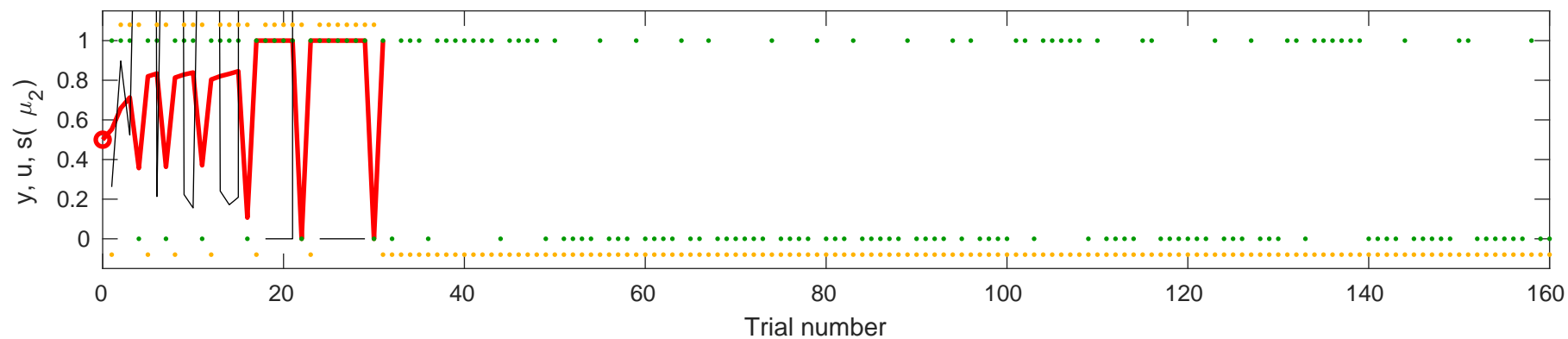


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.8279$



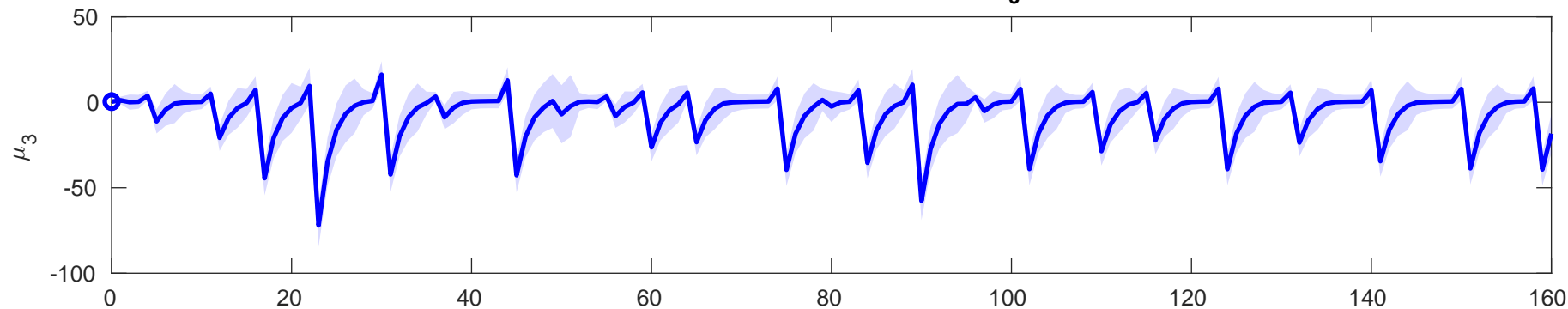


Output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-0.58833$

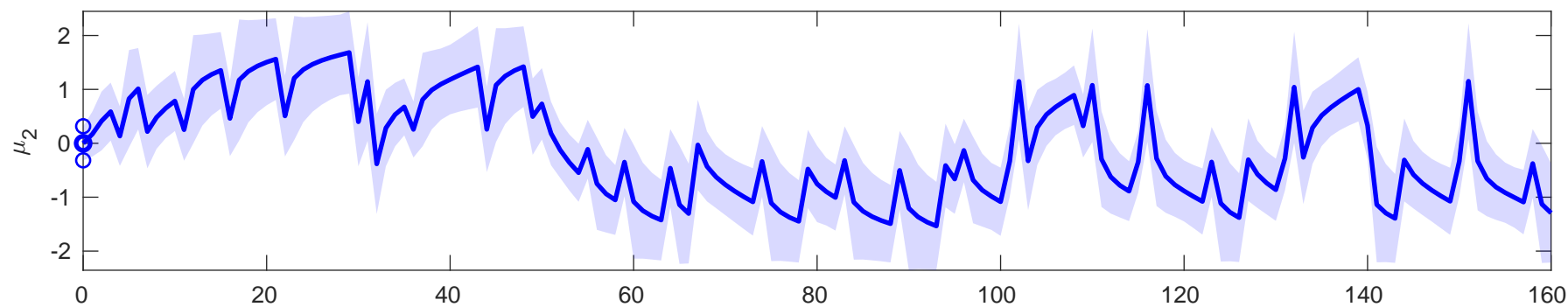


Posterior expectation of  $x$ 

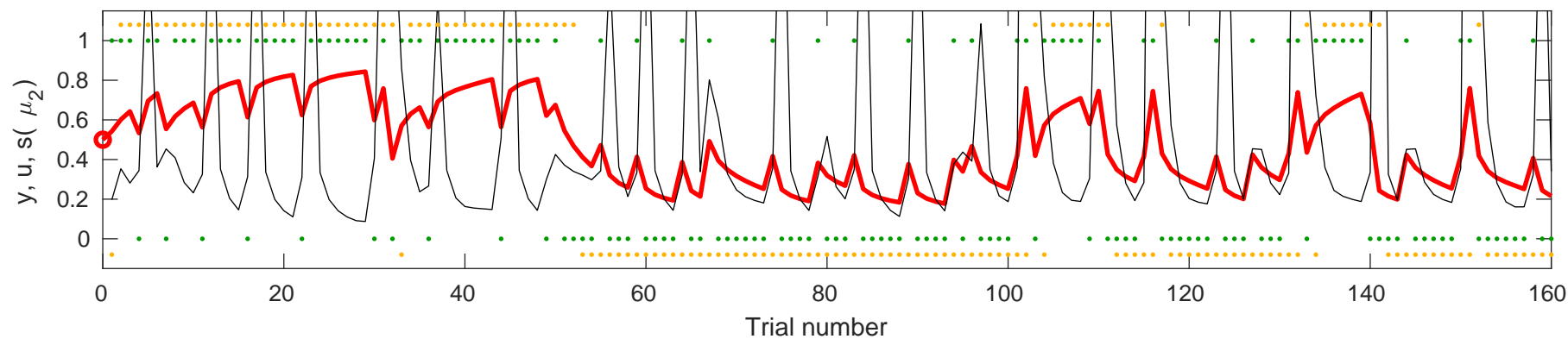
3

Posterior expectation of  $x$ 

2



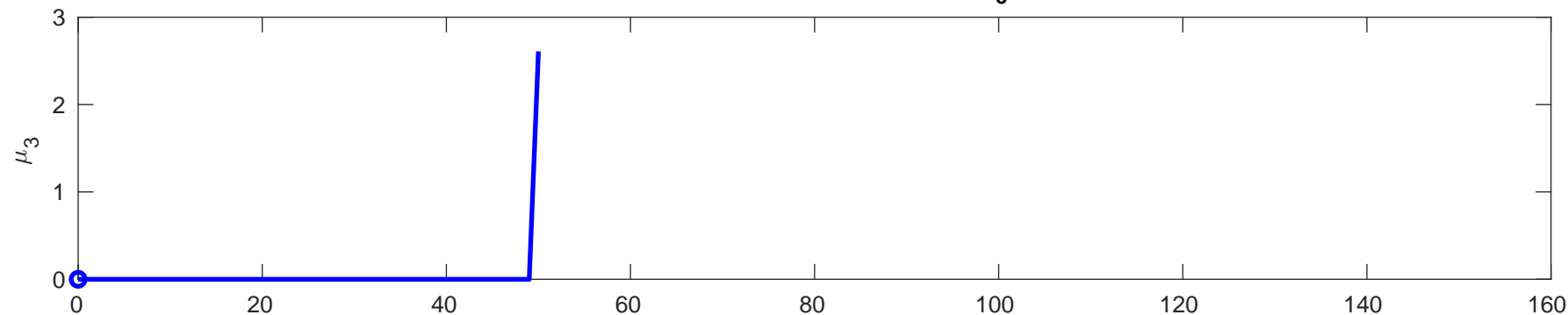
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.6122$





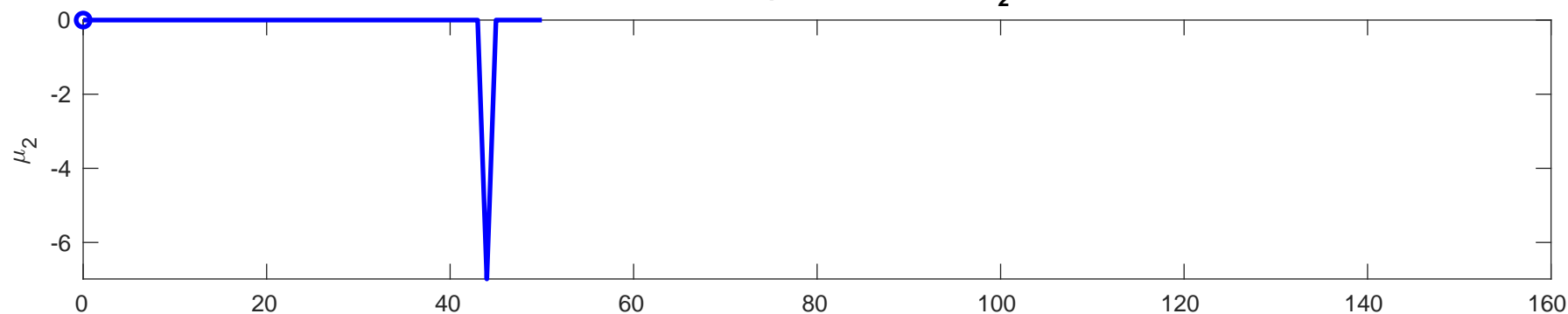
Posterior expectation of  $x$

3

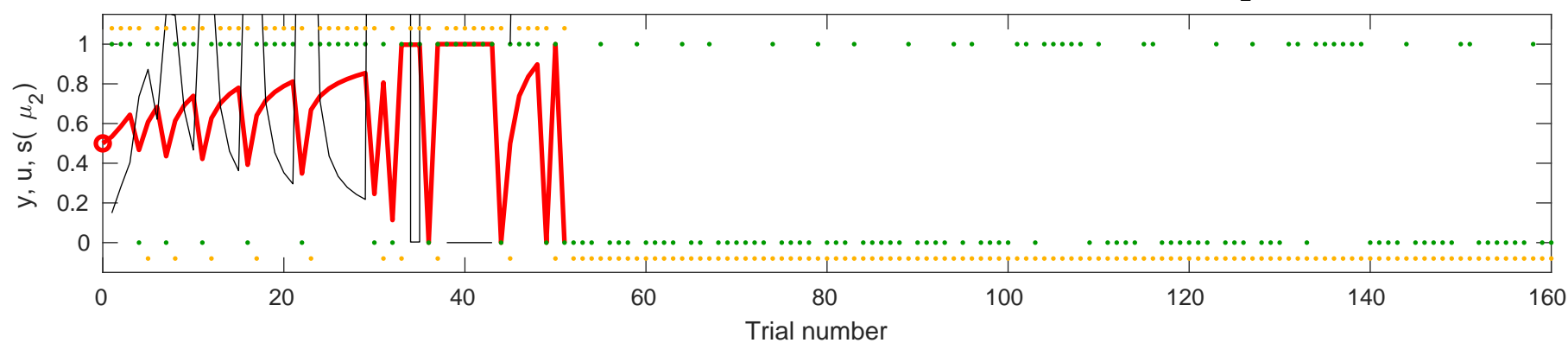


Posterior expectation of  $x$

2

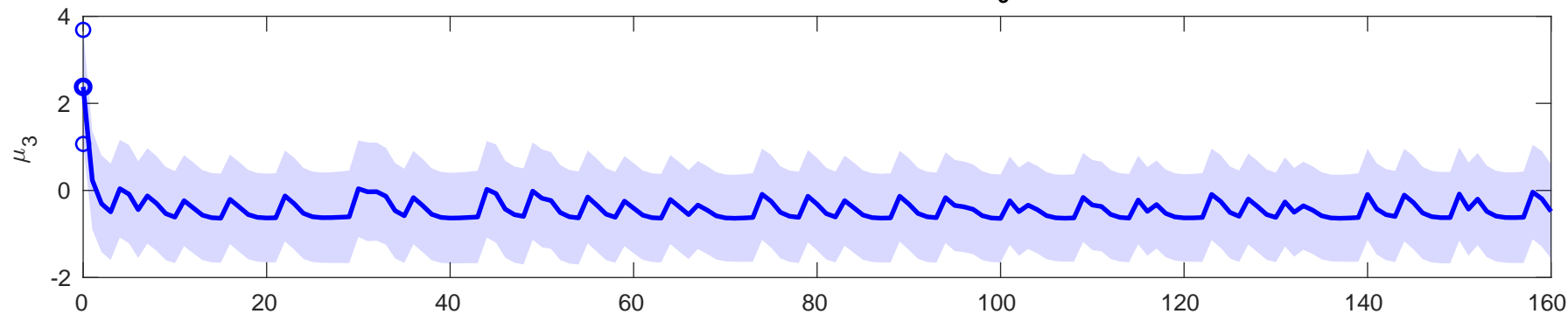


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.8722$

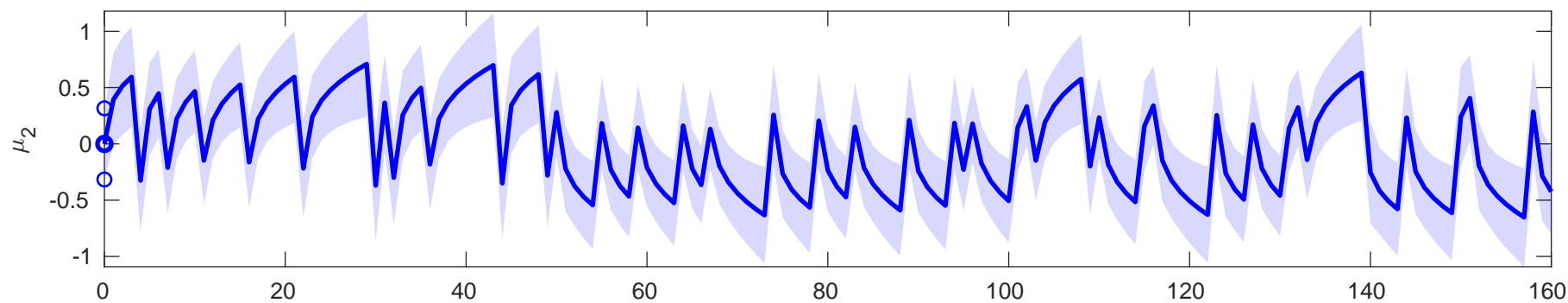


Posterior expectation of  $x$ 

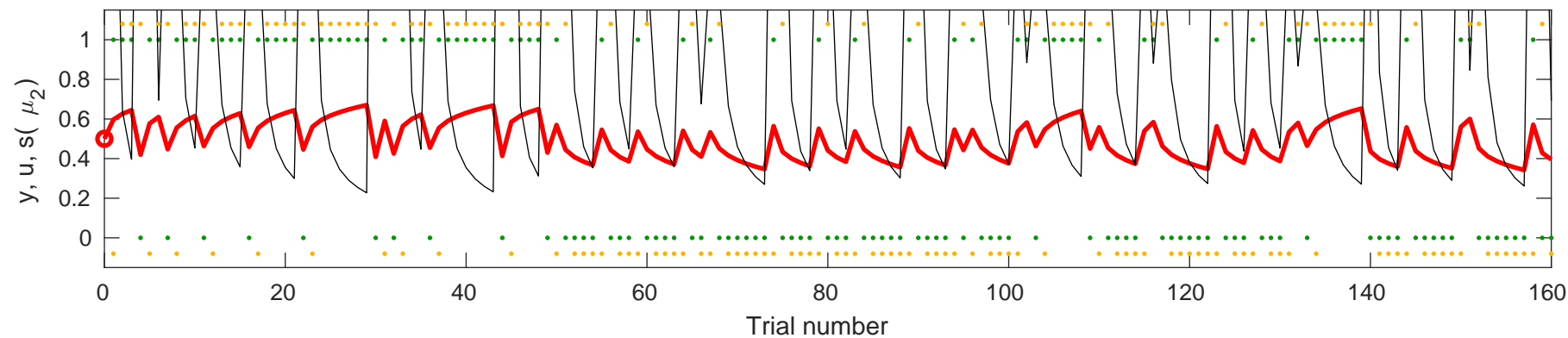
3

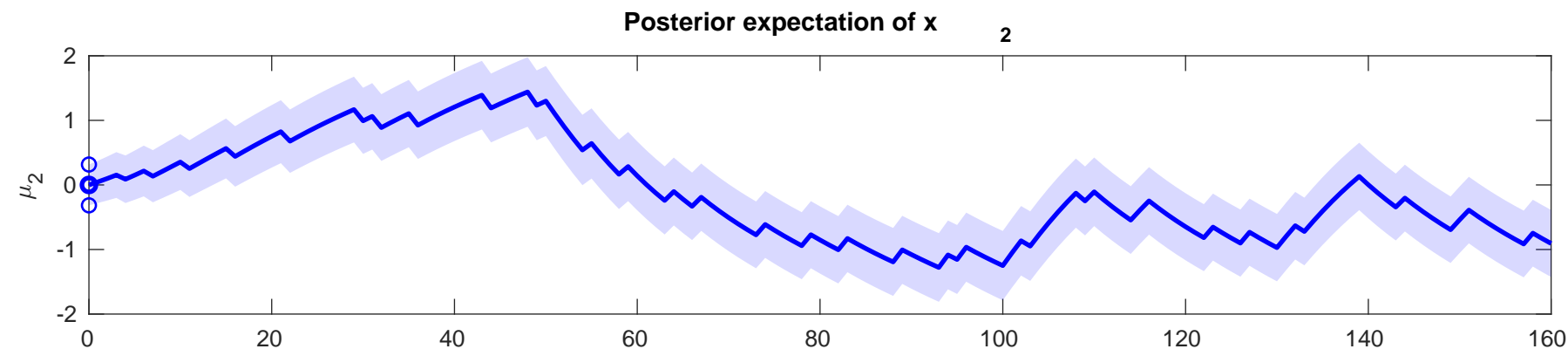
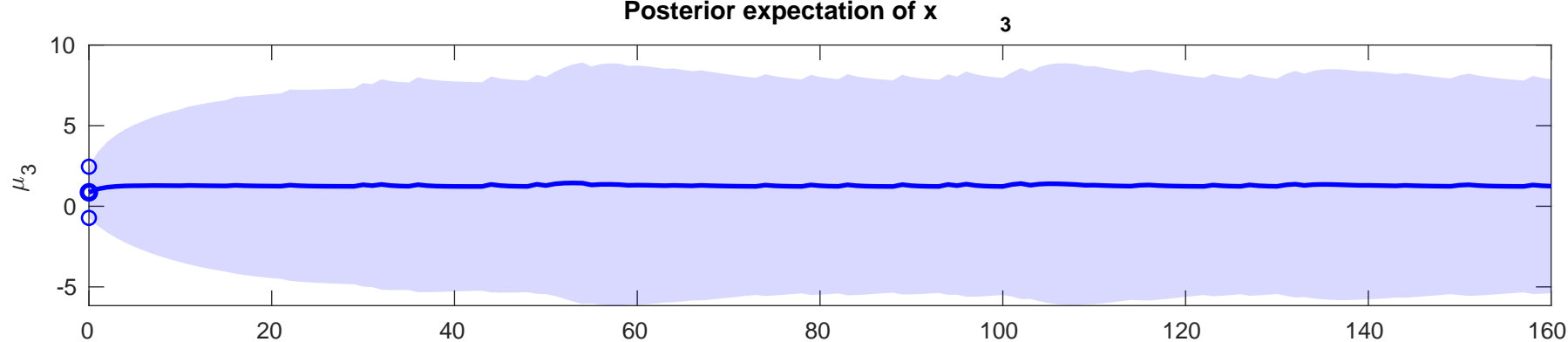
Posterior expectation of  $x$ 

2

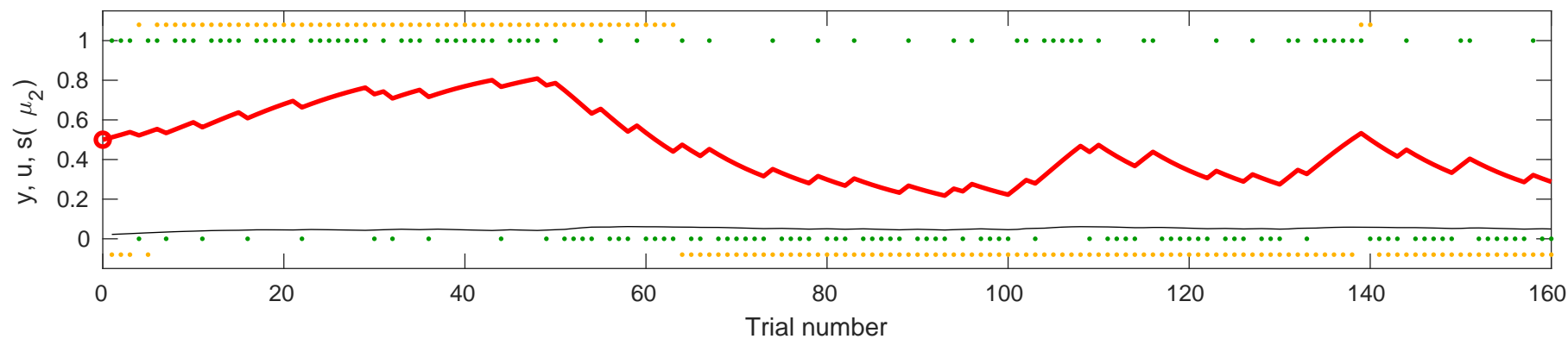


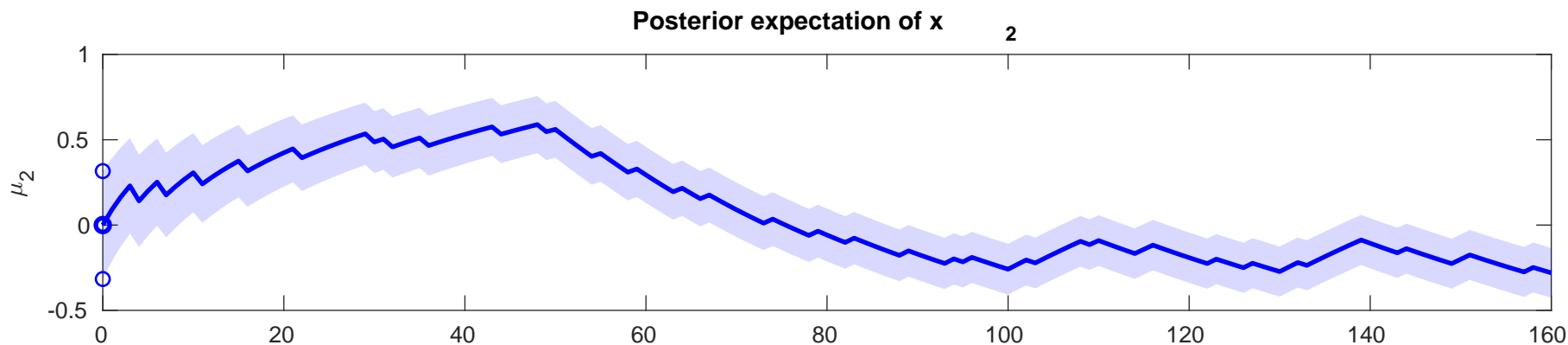
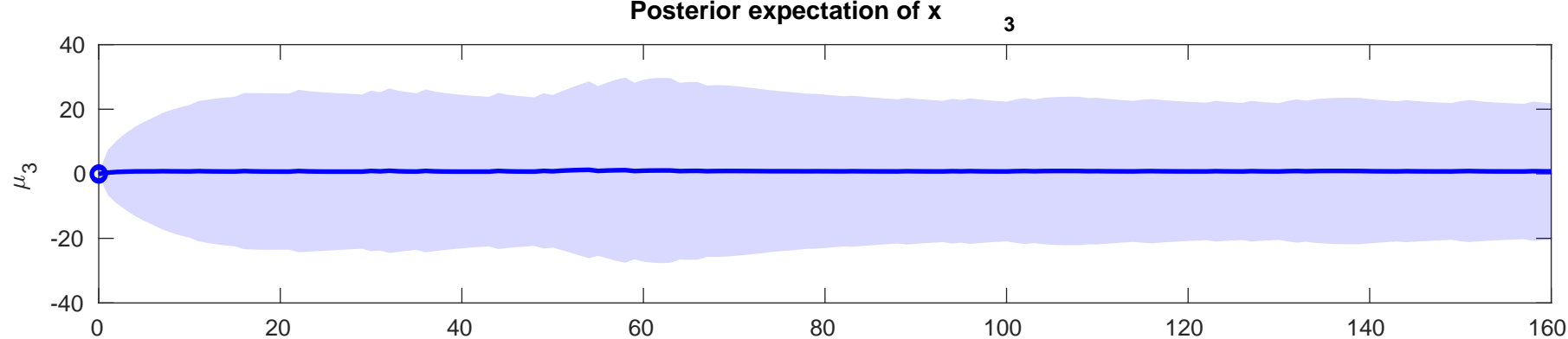
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-1.906$



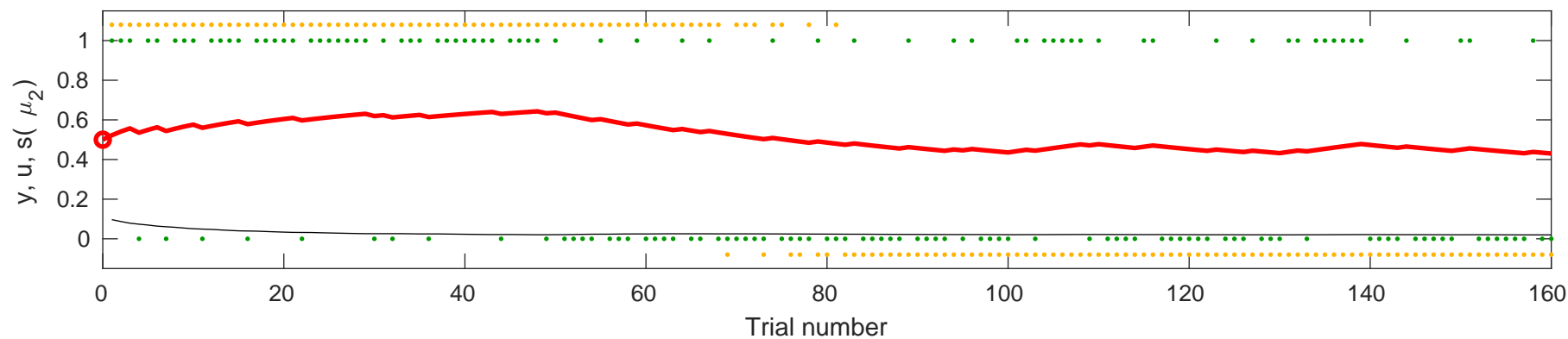


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.5228$

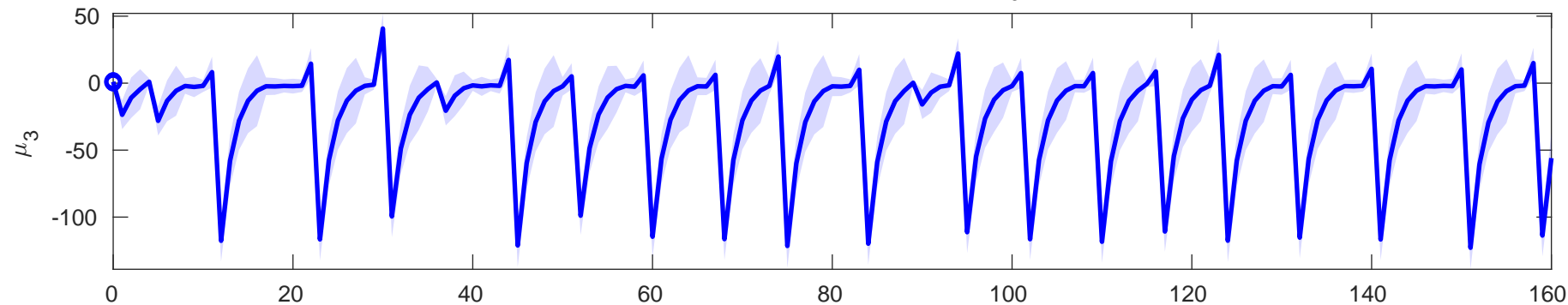




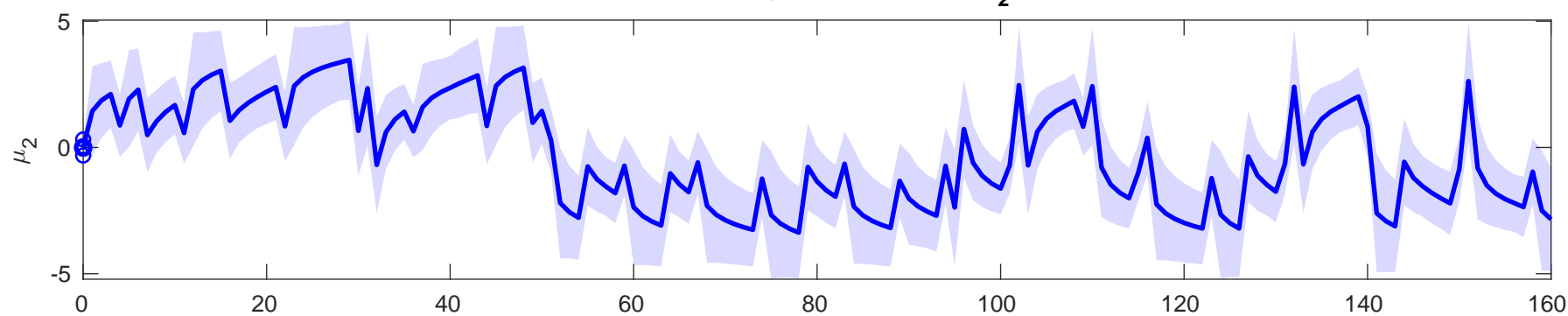
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-8.529$



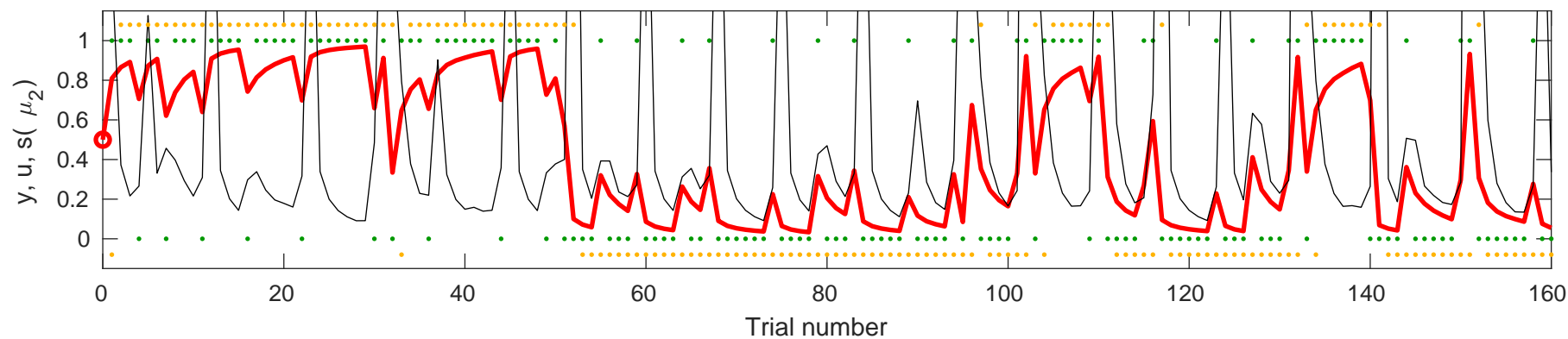
Posterior expectation of  $x$  3

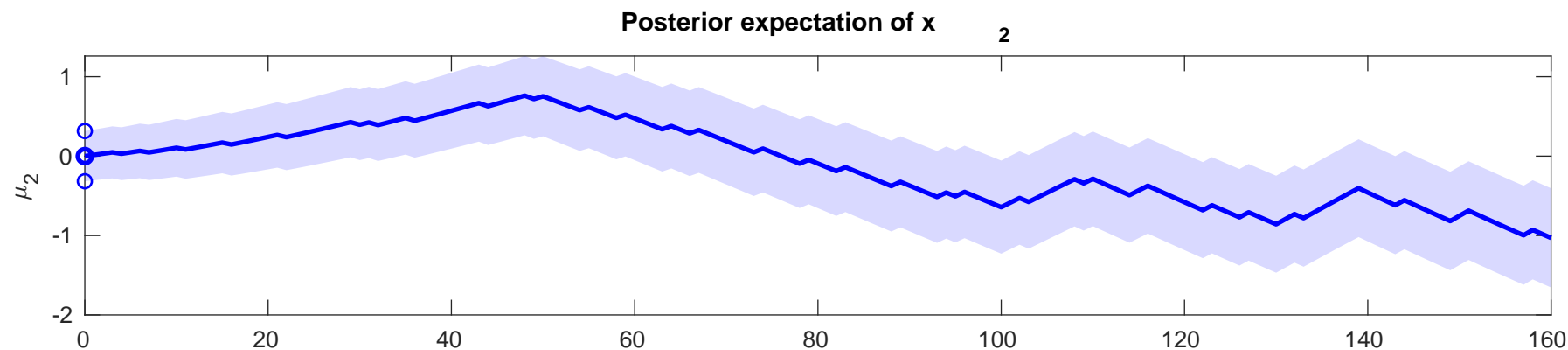
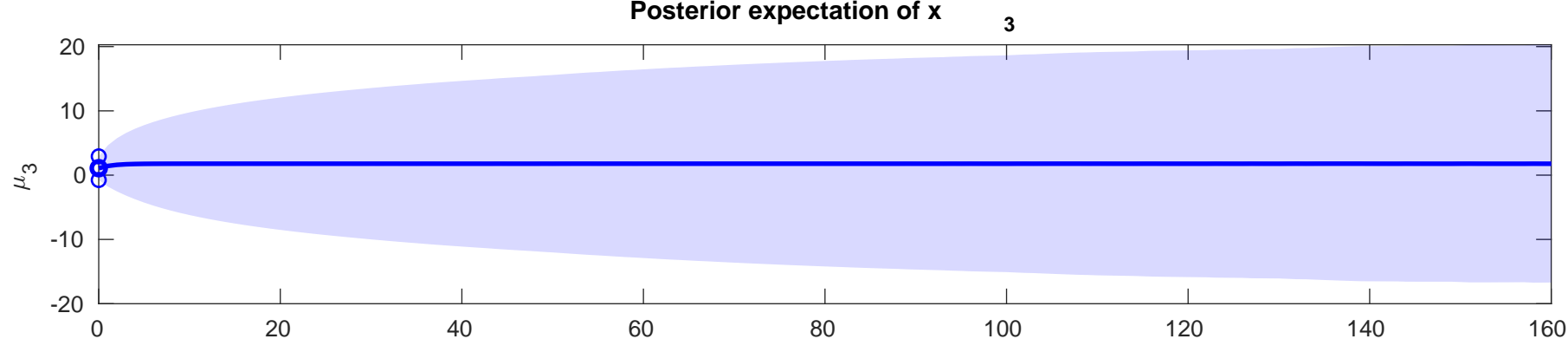


Posterior expectation of  $x$  2

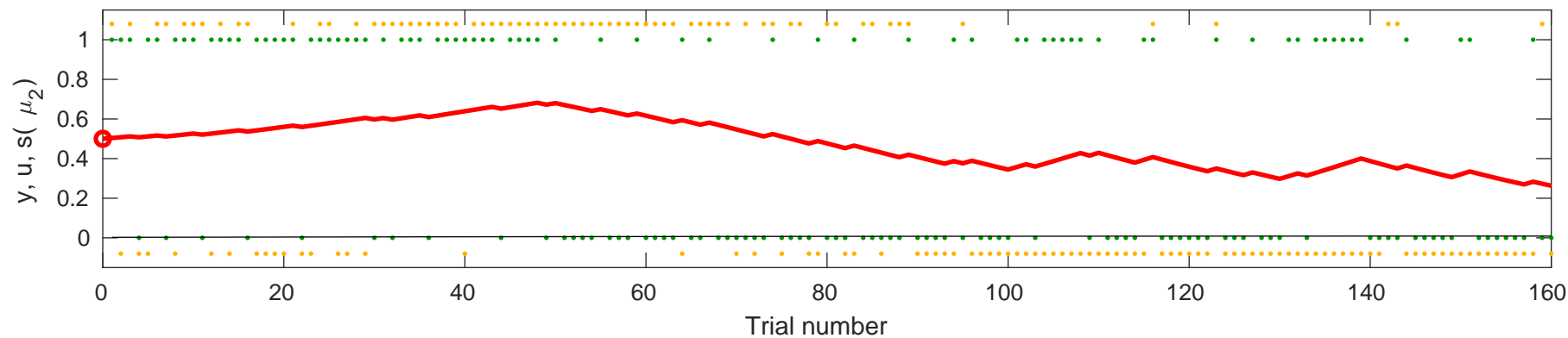


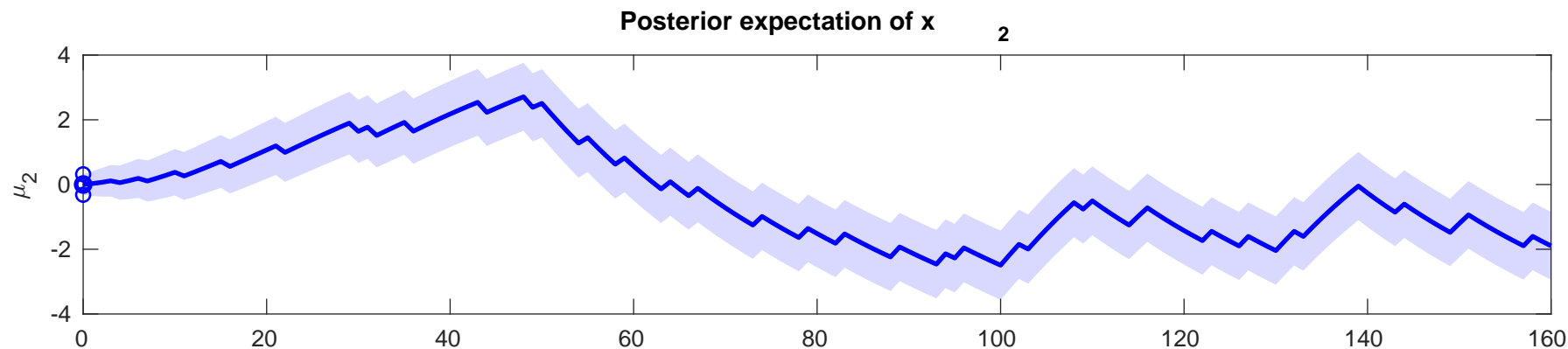
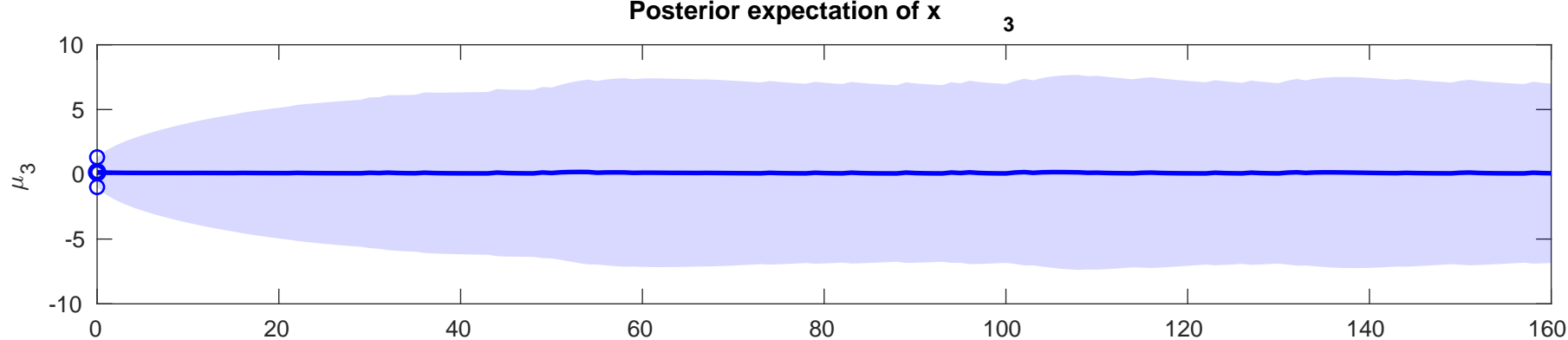
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=1.2124$



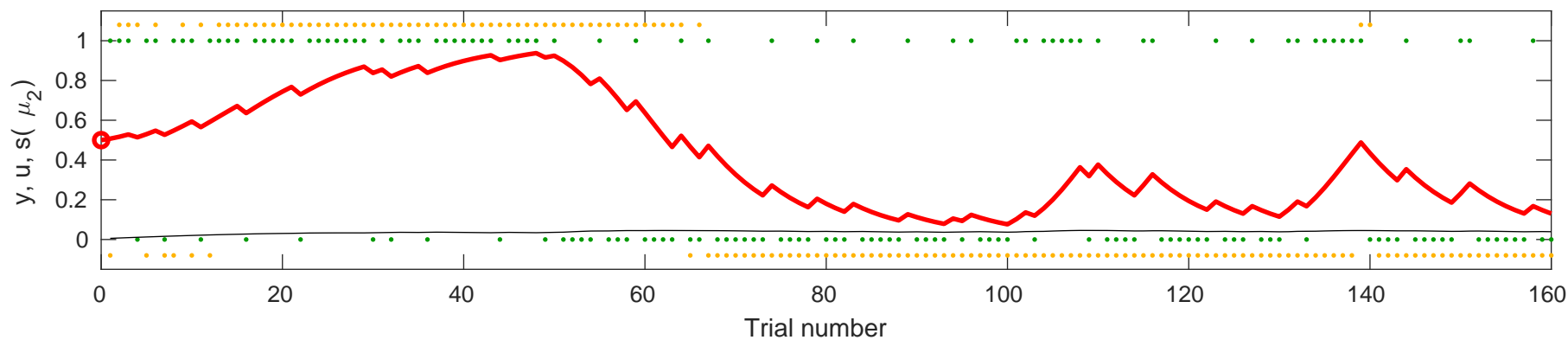


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-7.307$



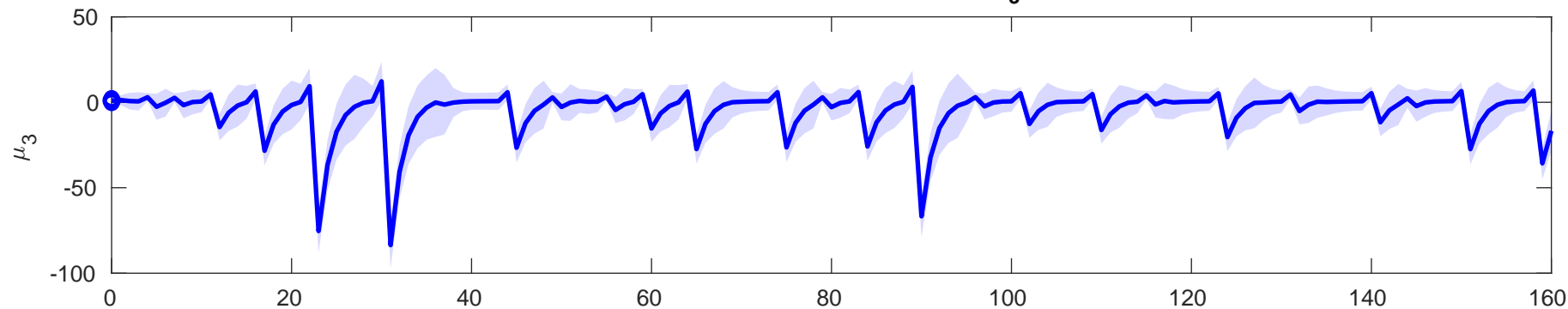


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-3.1827$



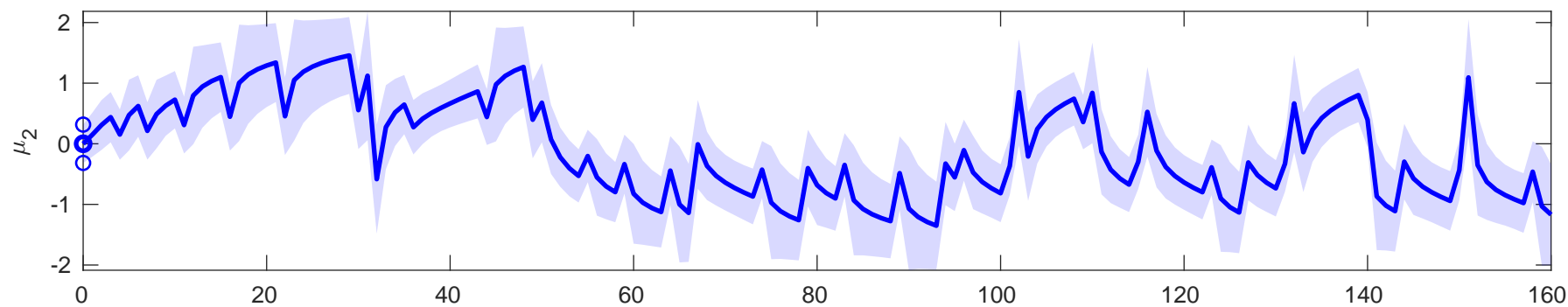
Posterior expectation of  $x$

3

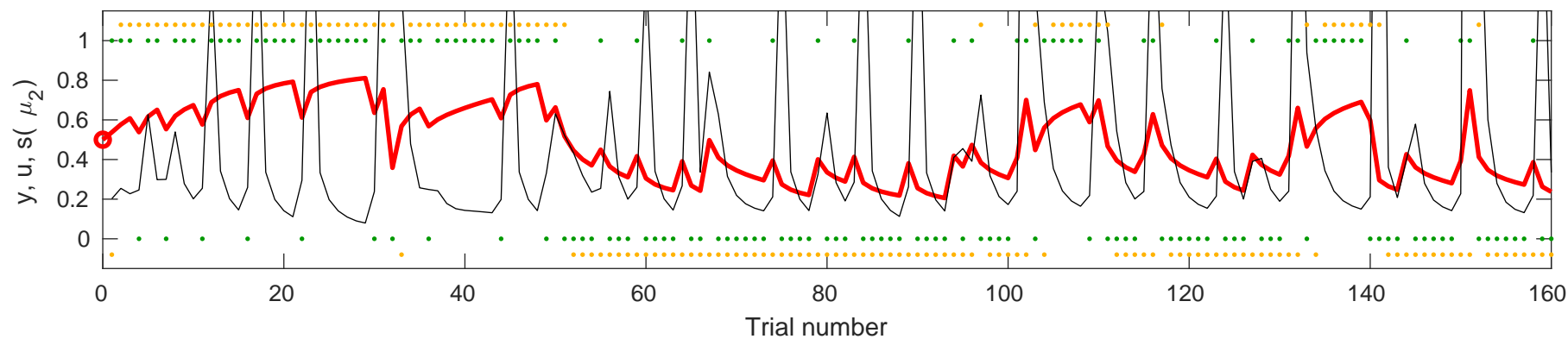


Posterior expectation of  $x$

2

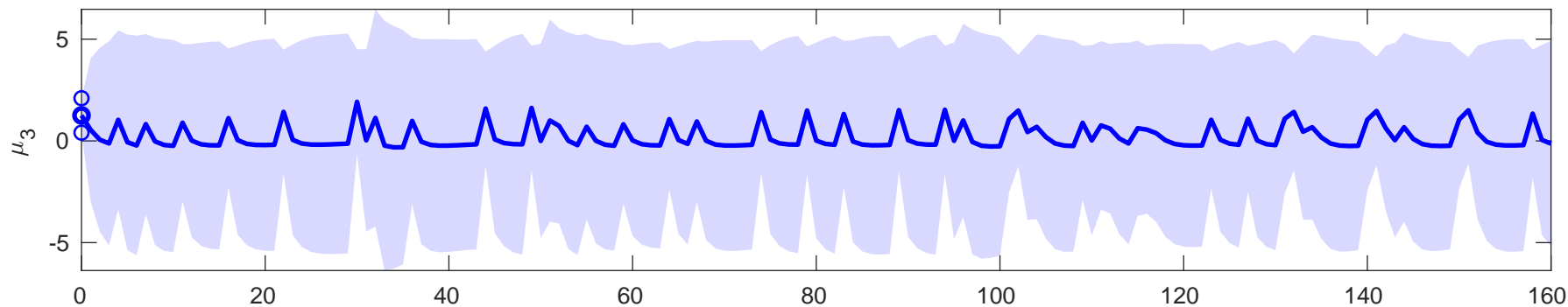


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-3.817$

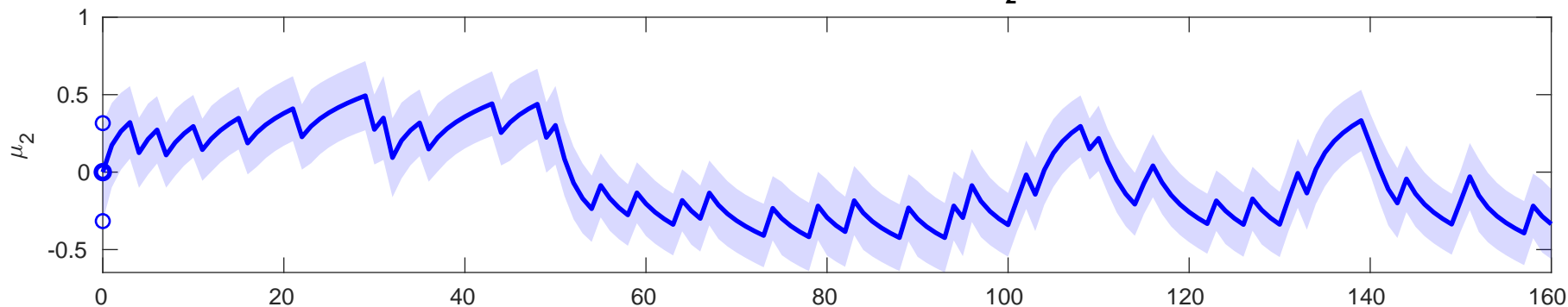




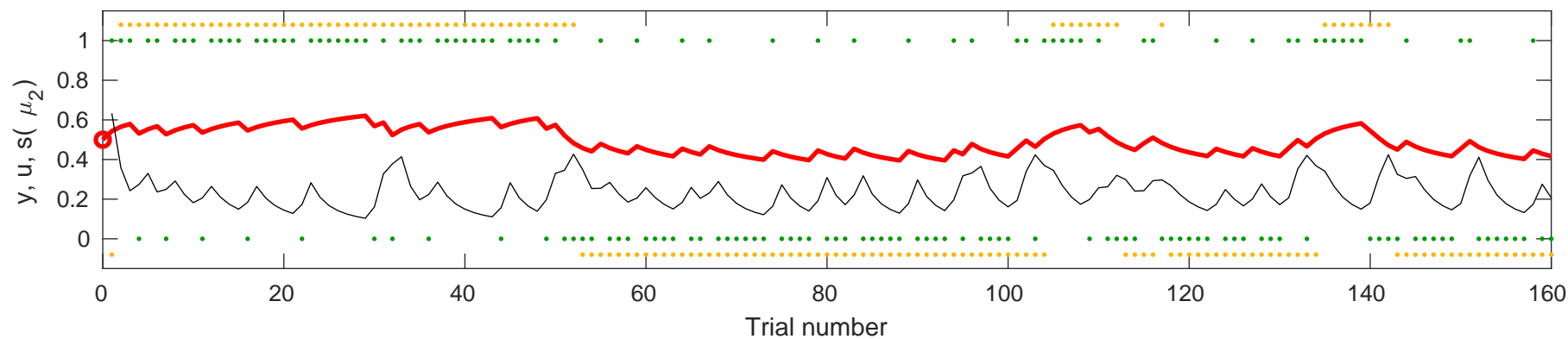
Posterior expectation of  $x$  **3**

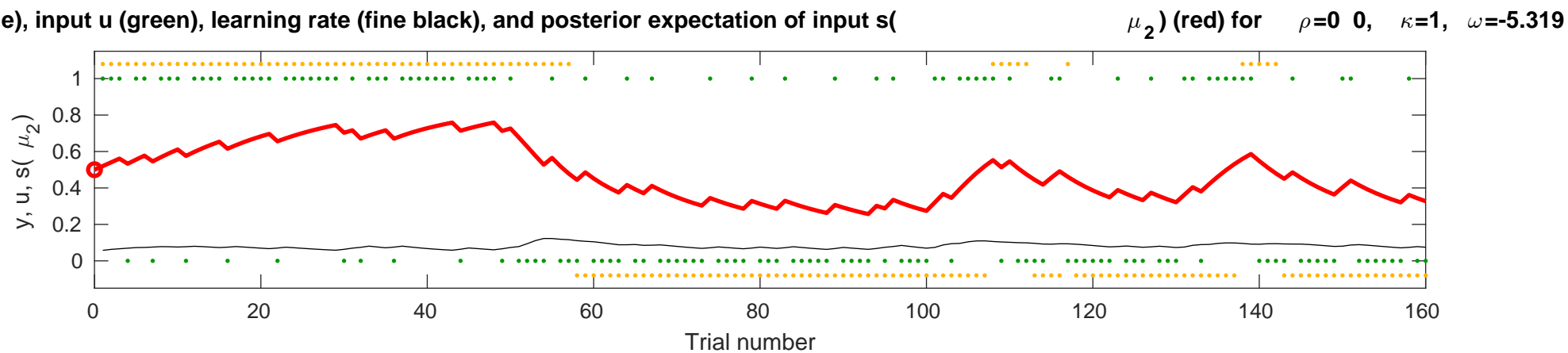
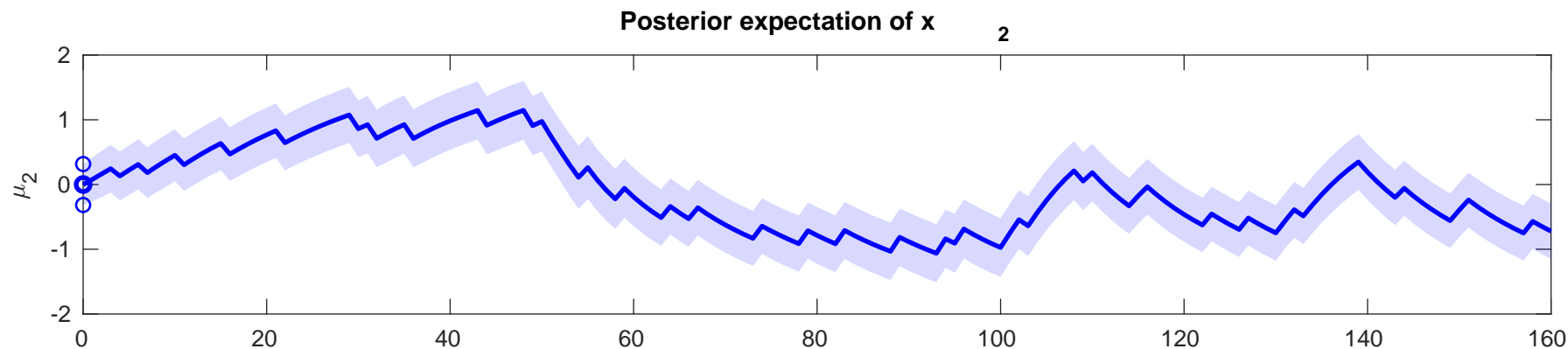
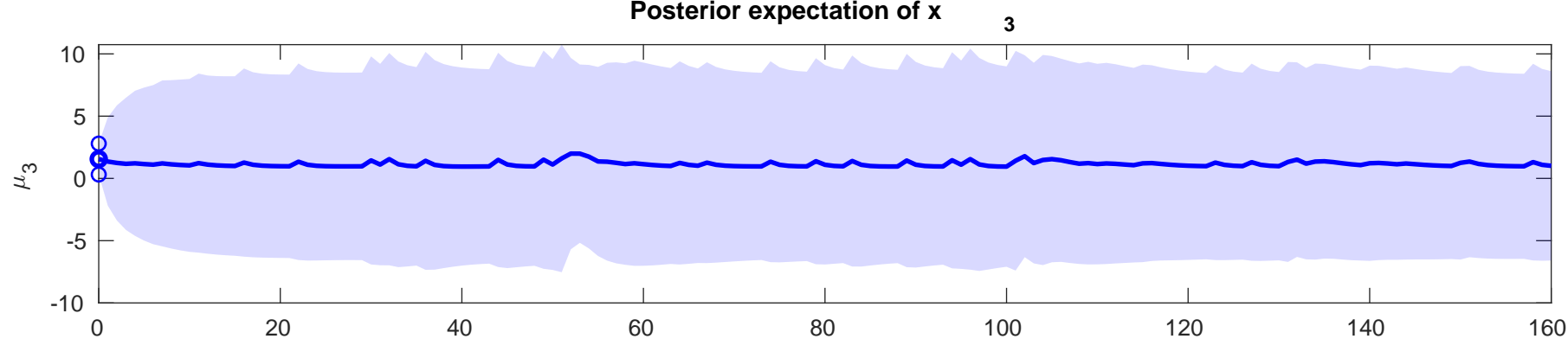


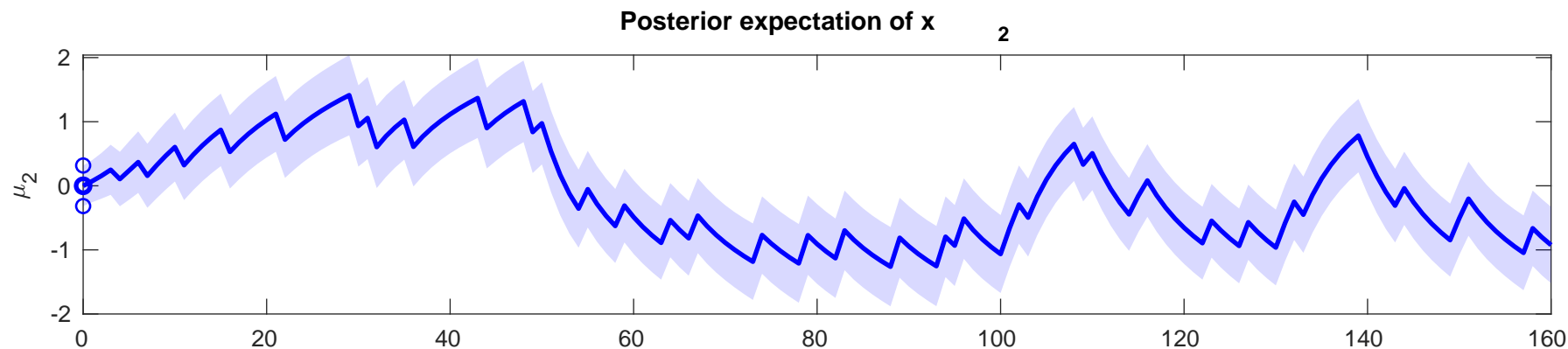
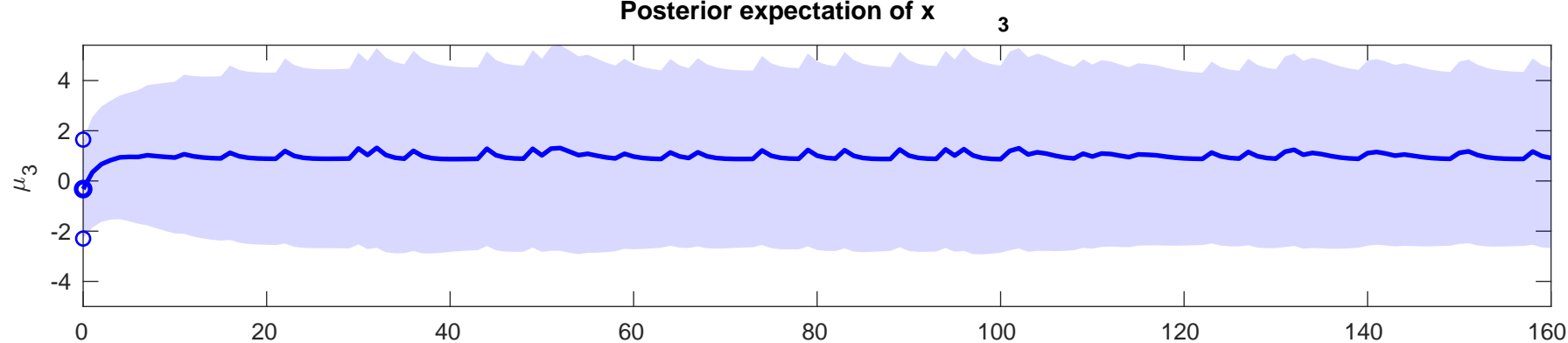
Posterior expectation of  $x$  **2**



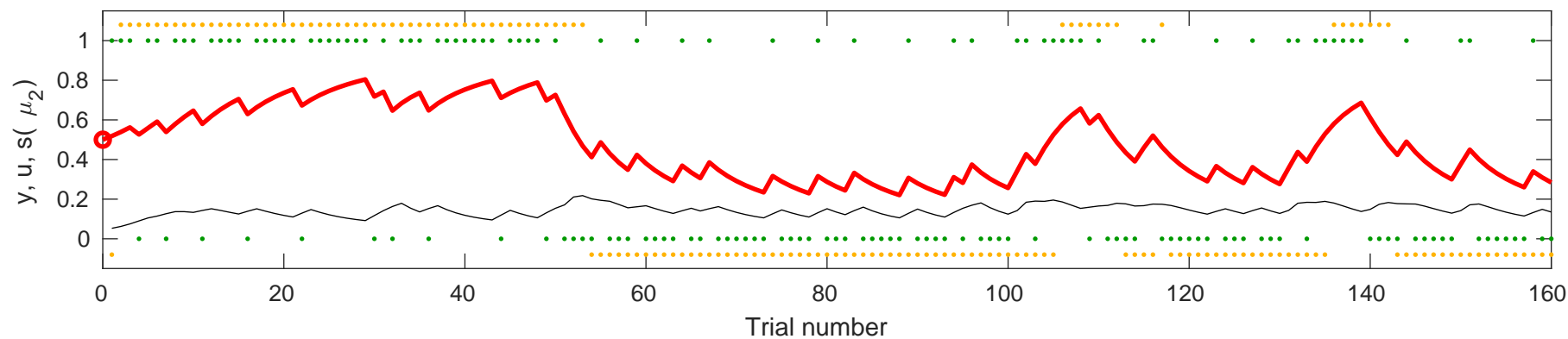
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.9168$

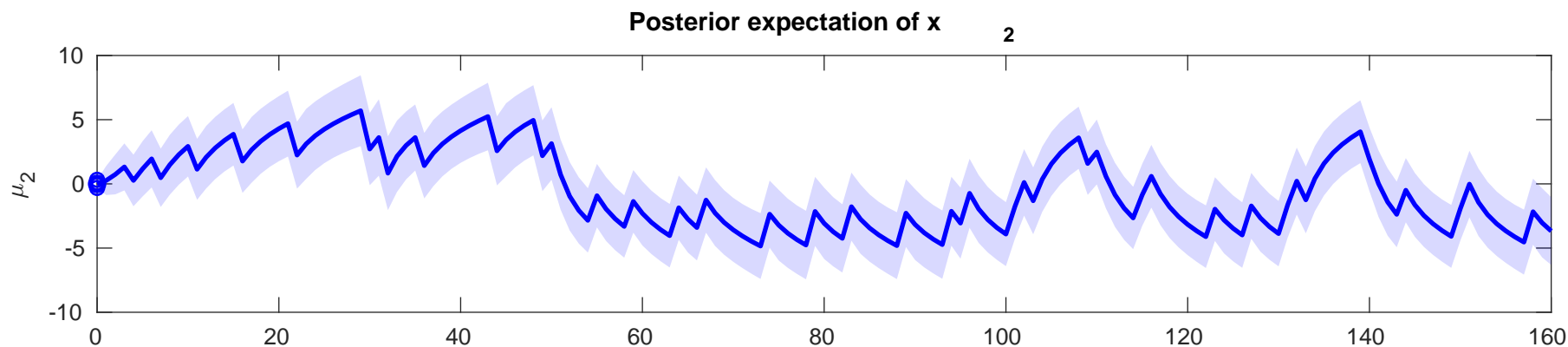
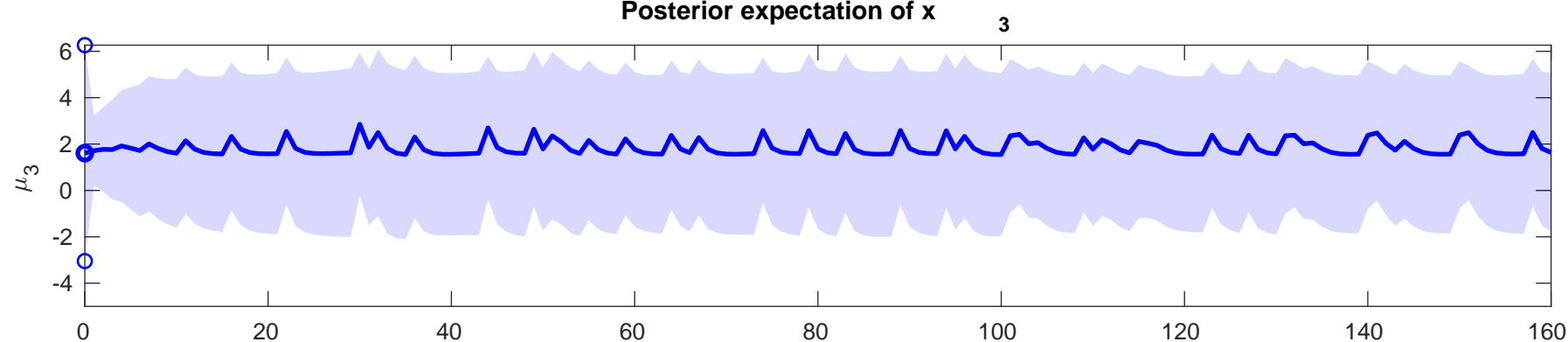




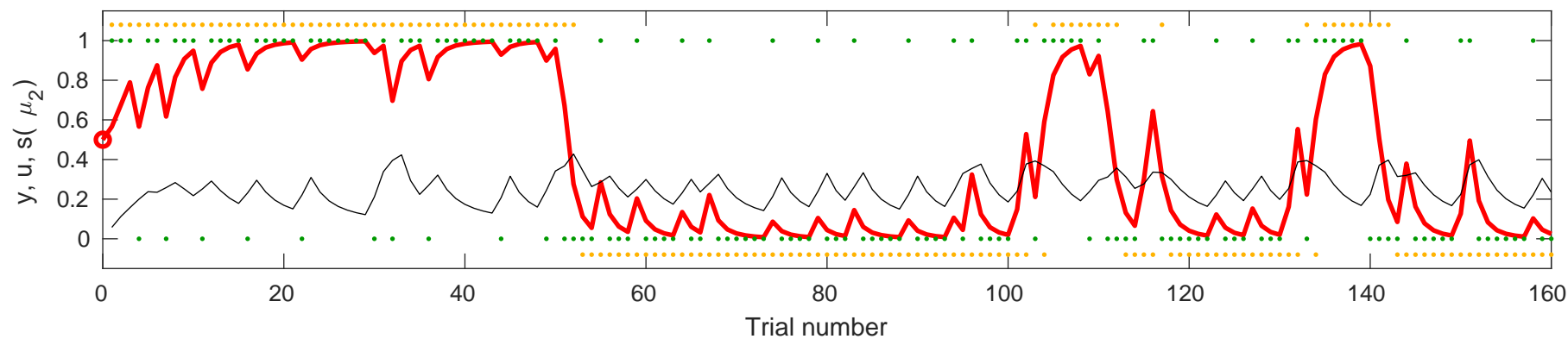


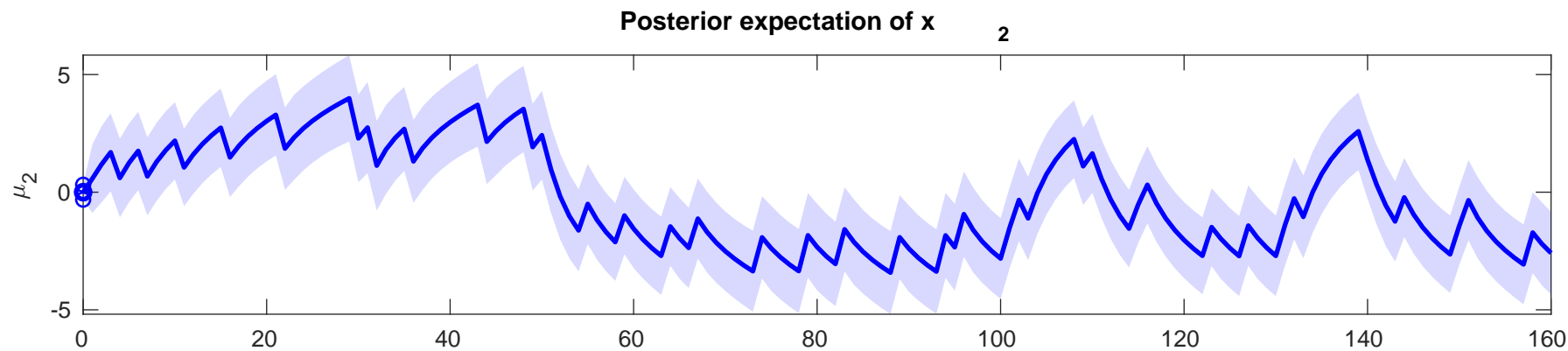
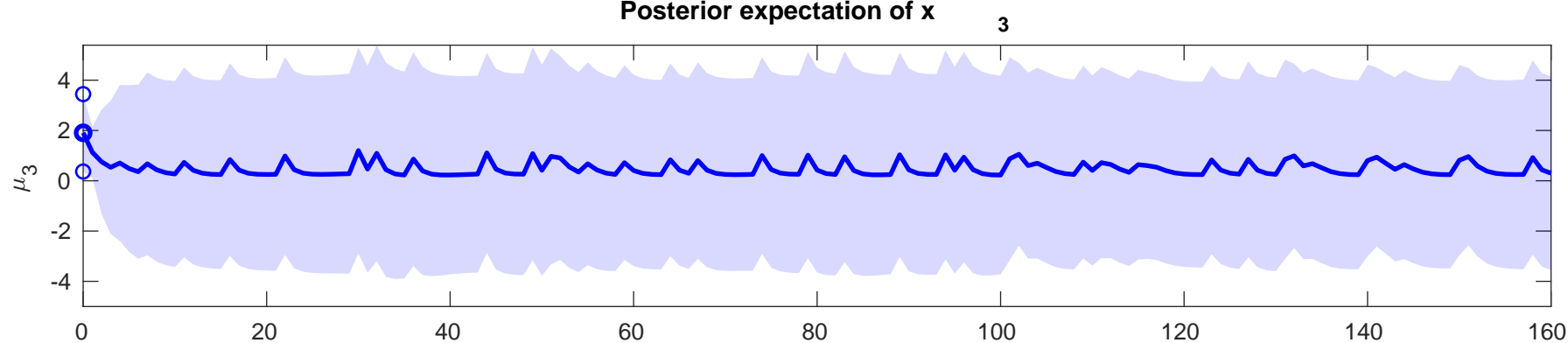
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-3.9553$



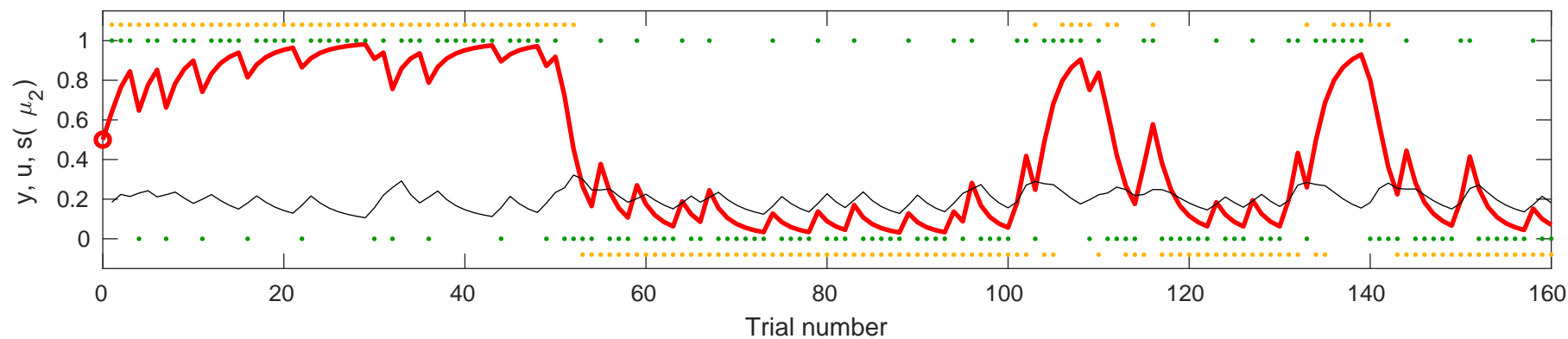


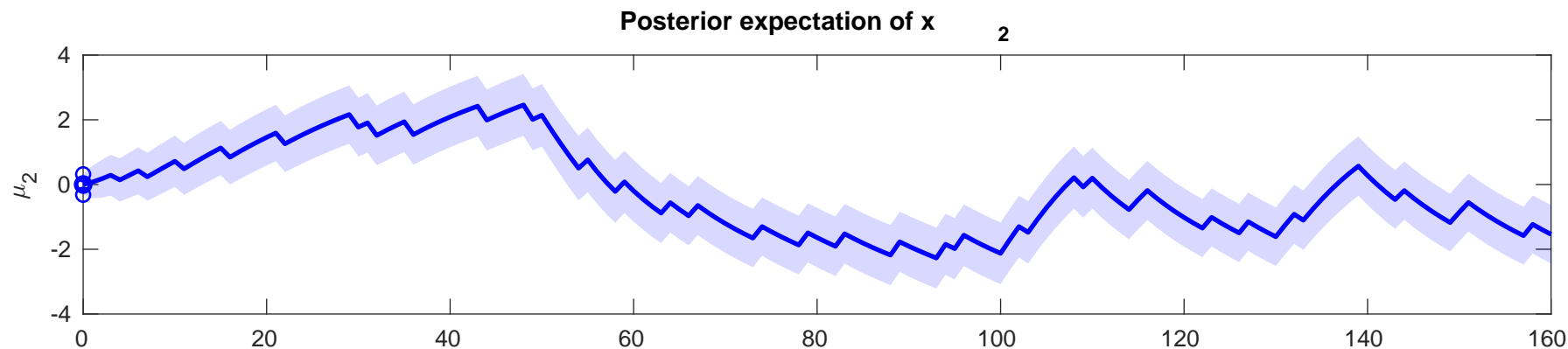
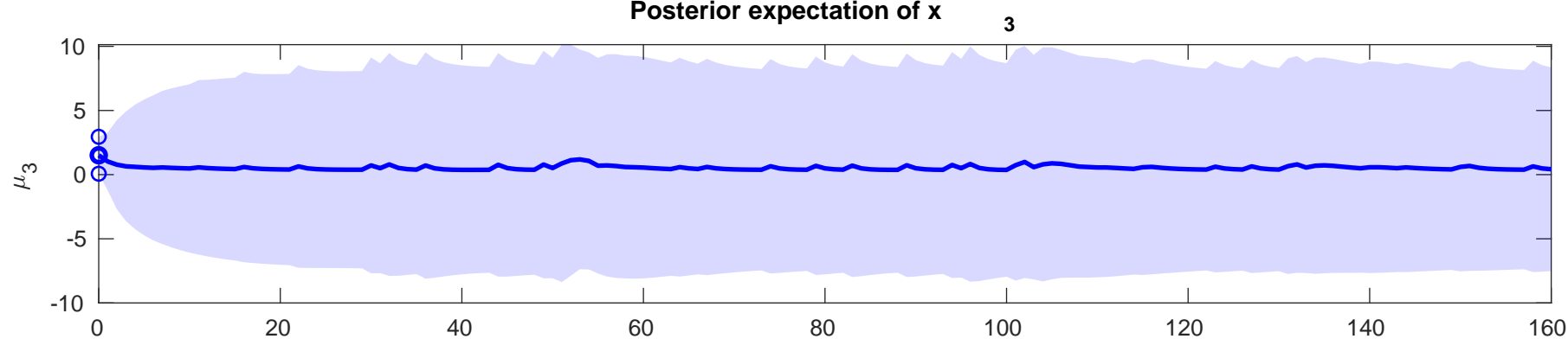
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.3788$



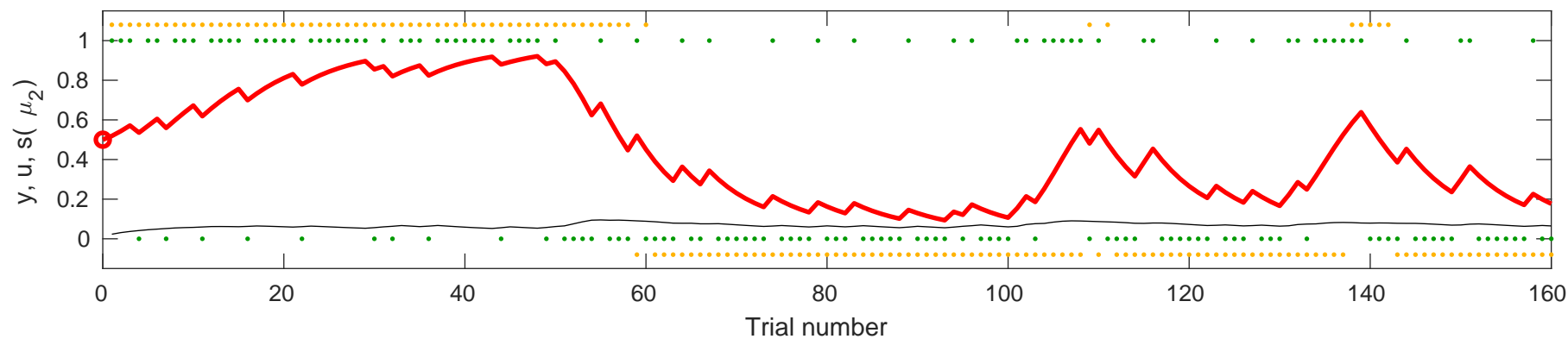


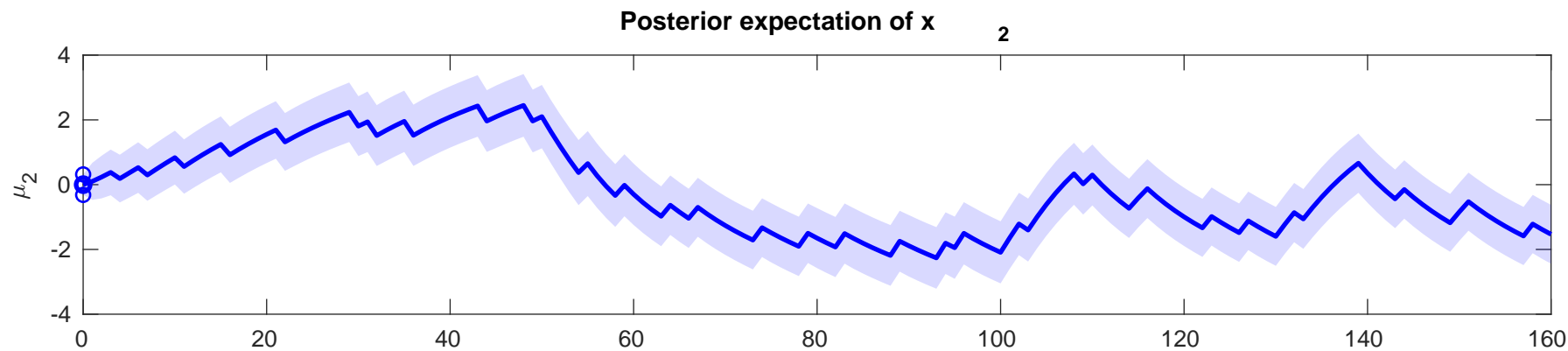
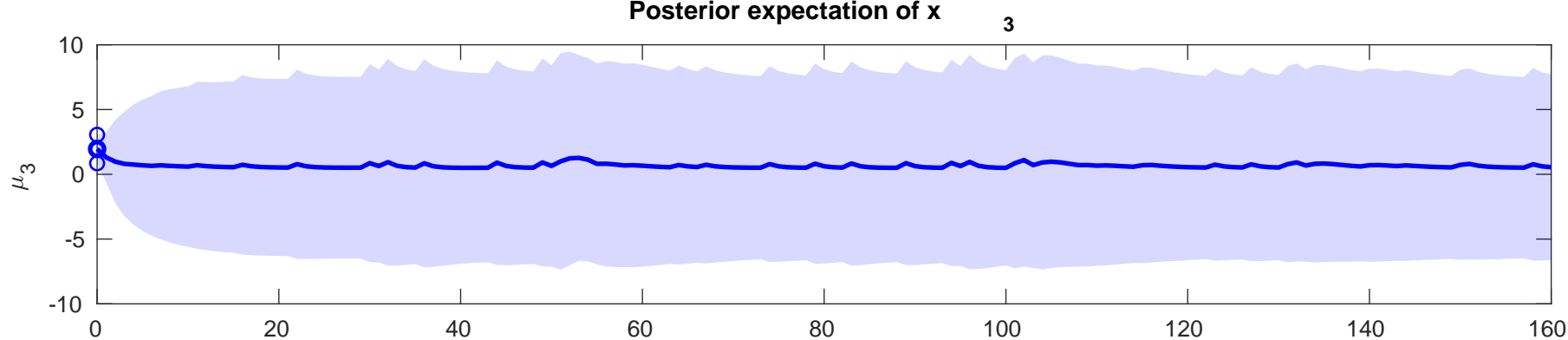
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.0264$



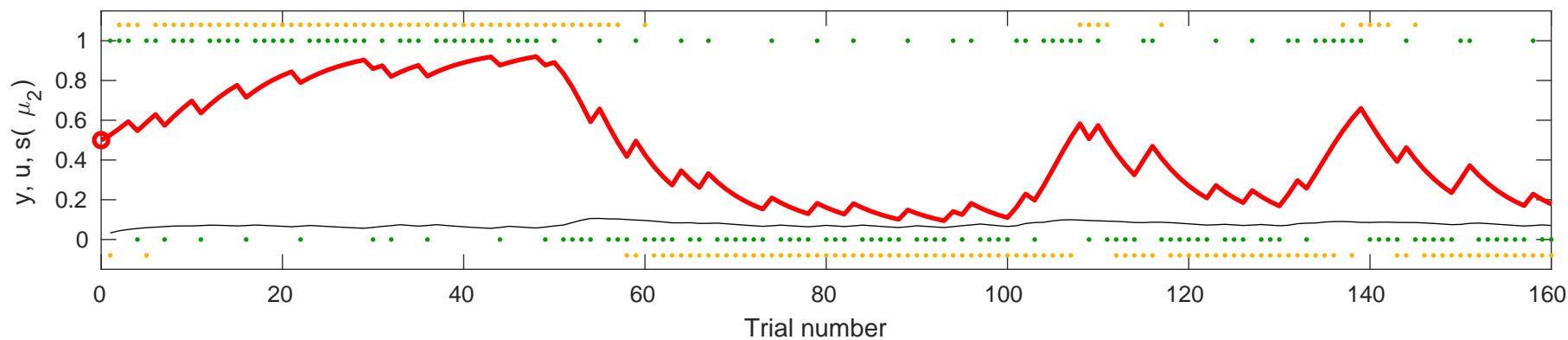


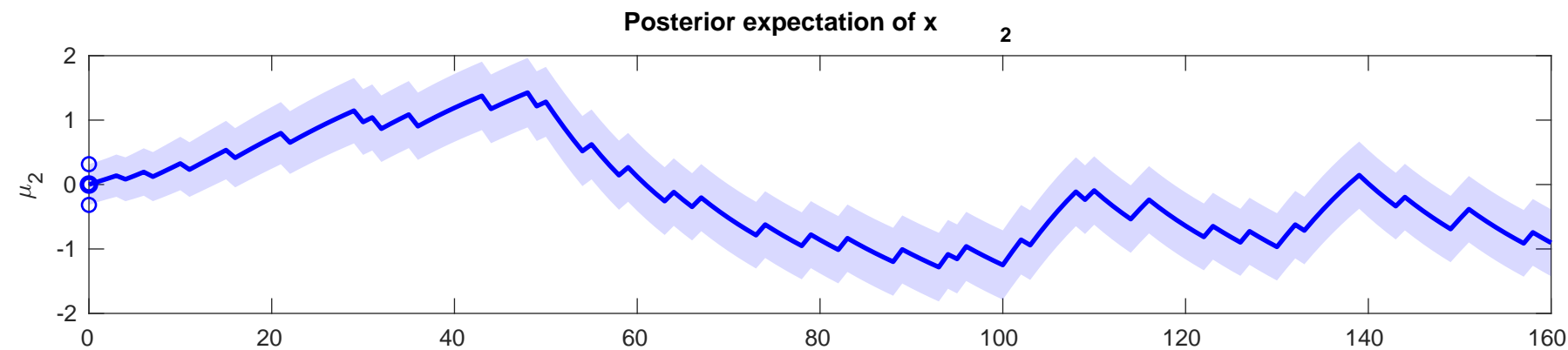
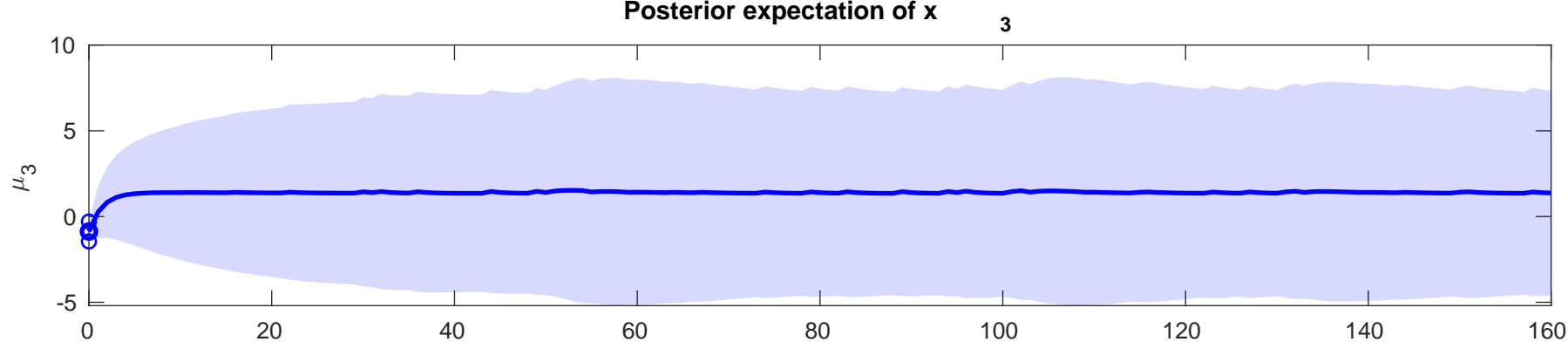
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-3.356$



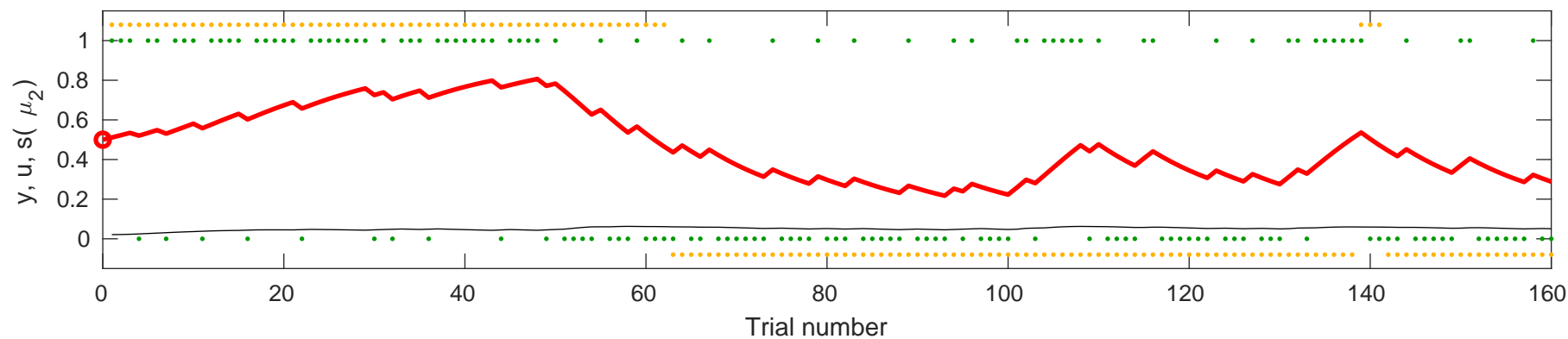


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.3847$

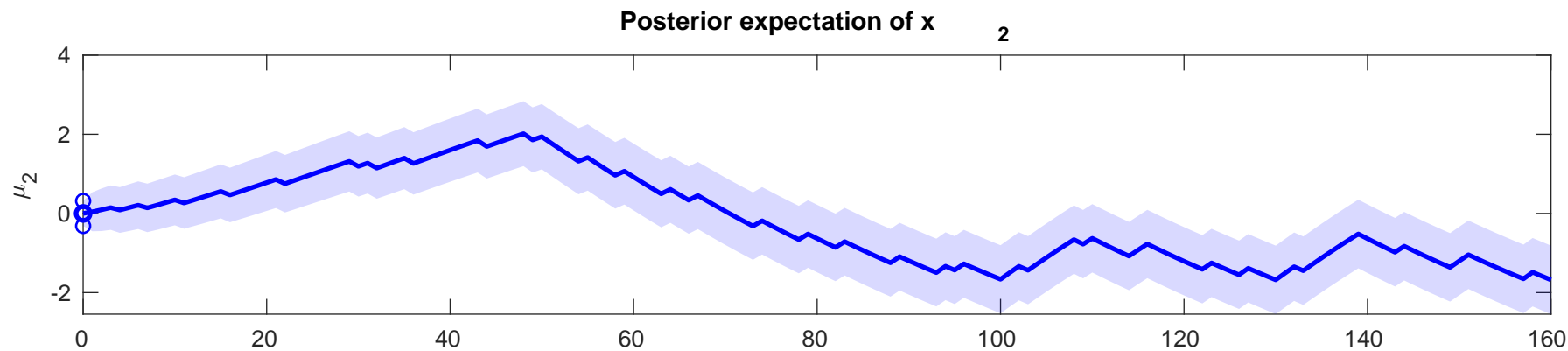
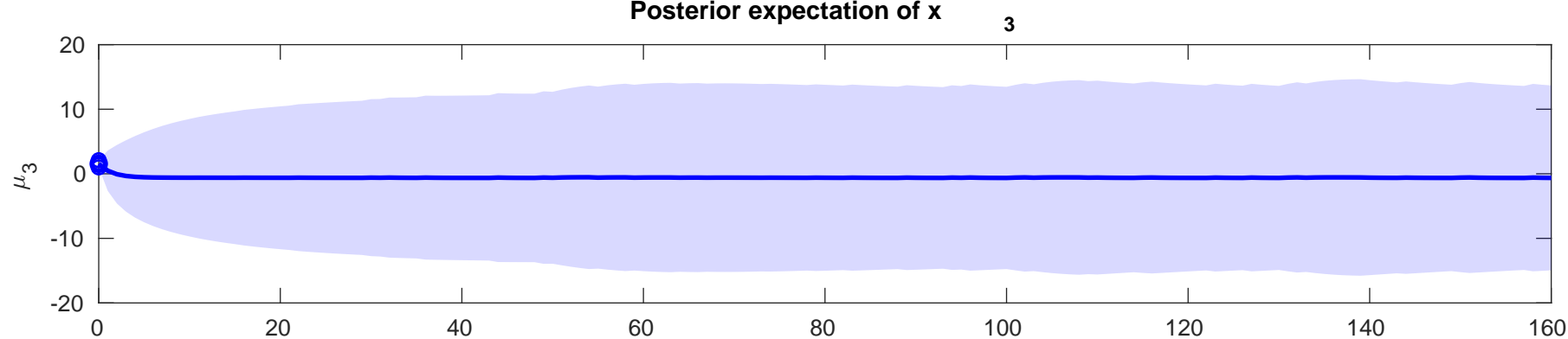




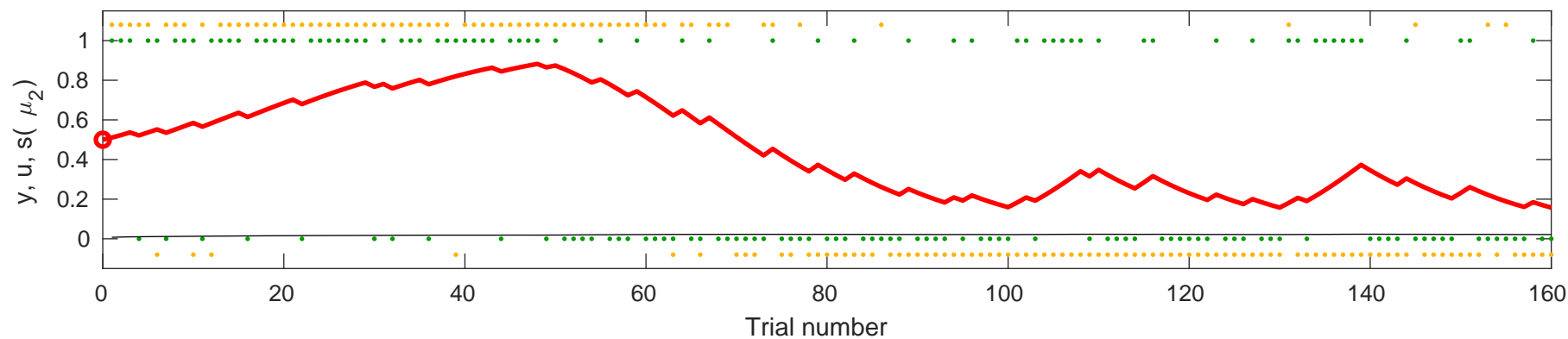
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.6173$

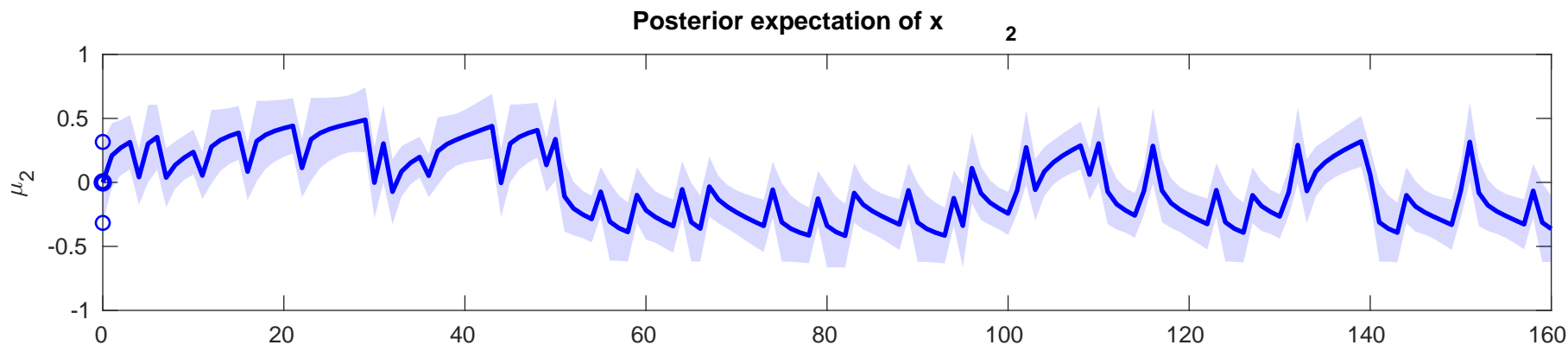
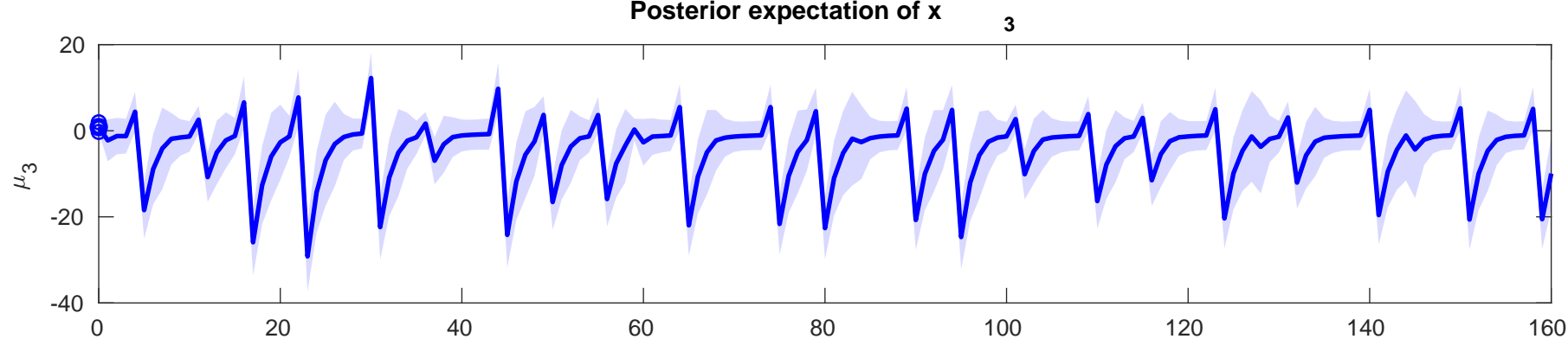




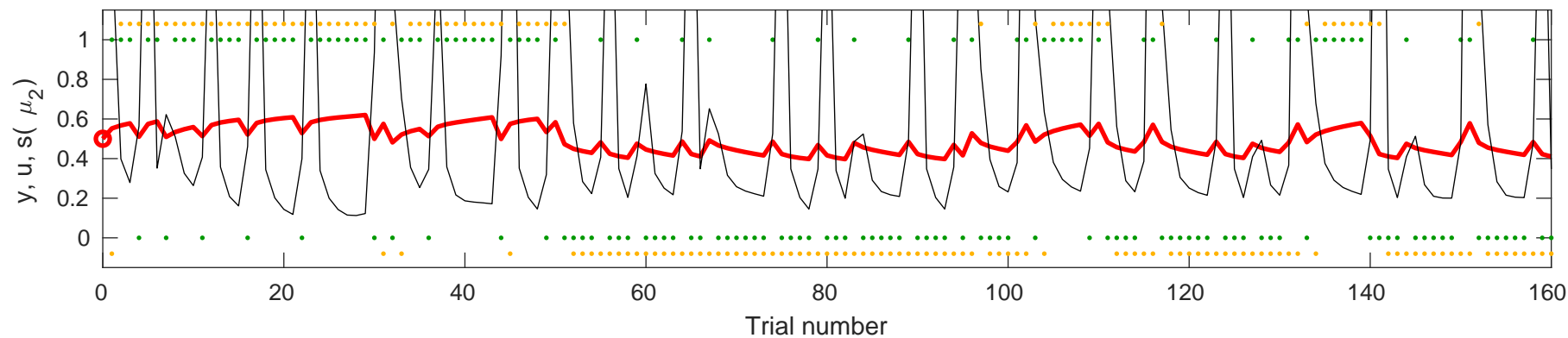


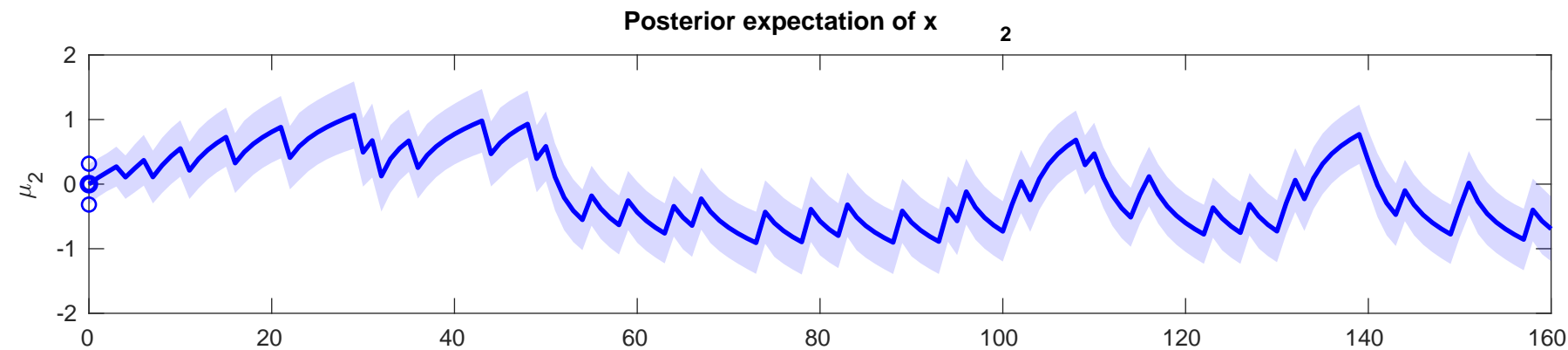
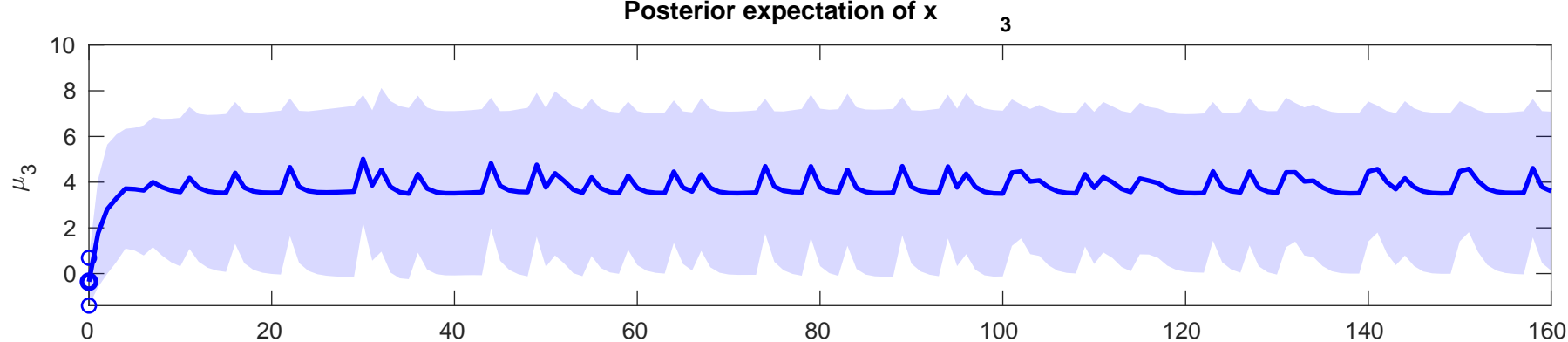
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.4803$



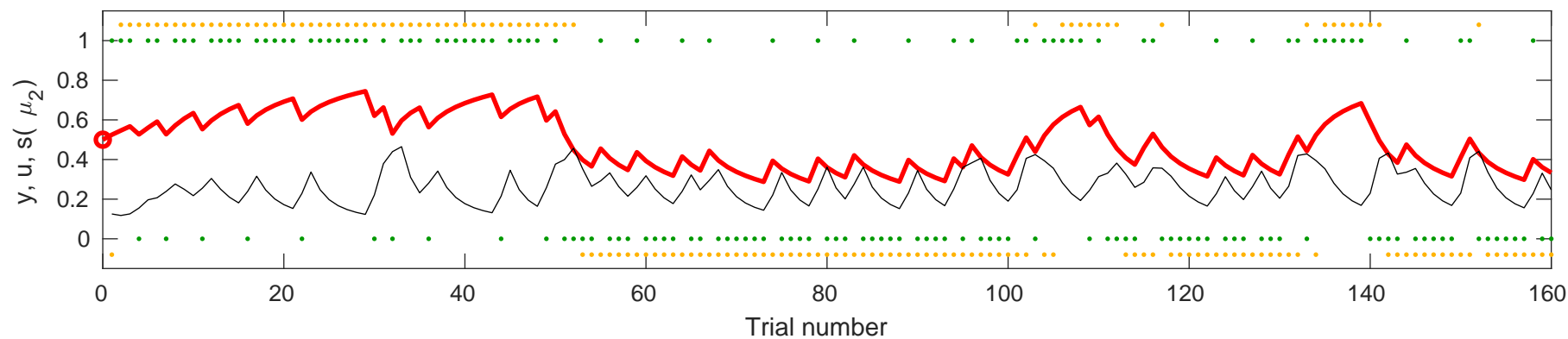


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.0818$



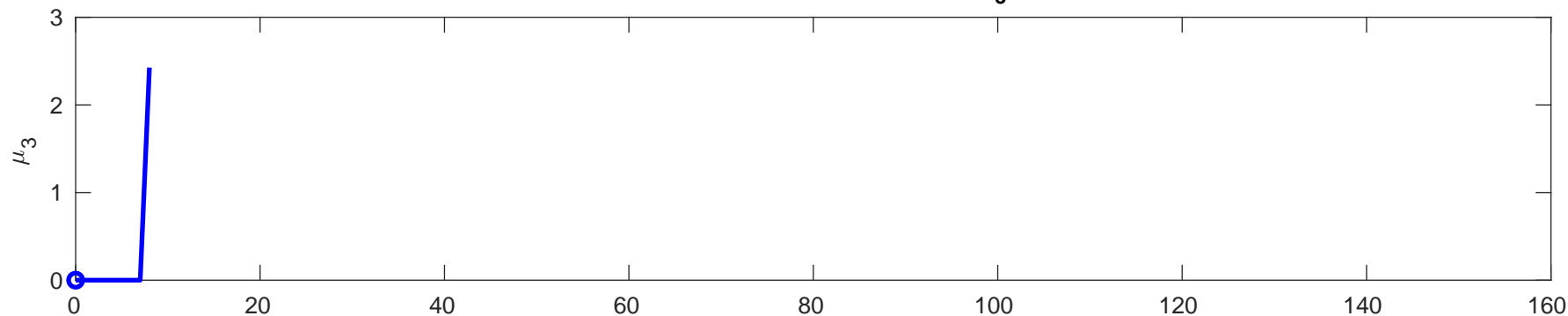


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-6.6702$



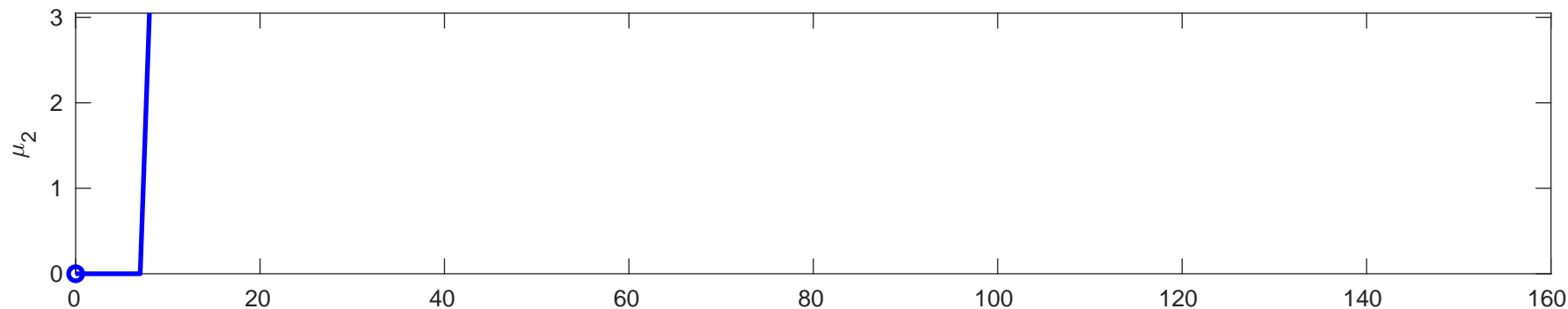
Posterior expectation of  $x$

3

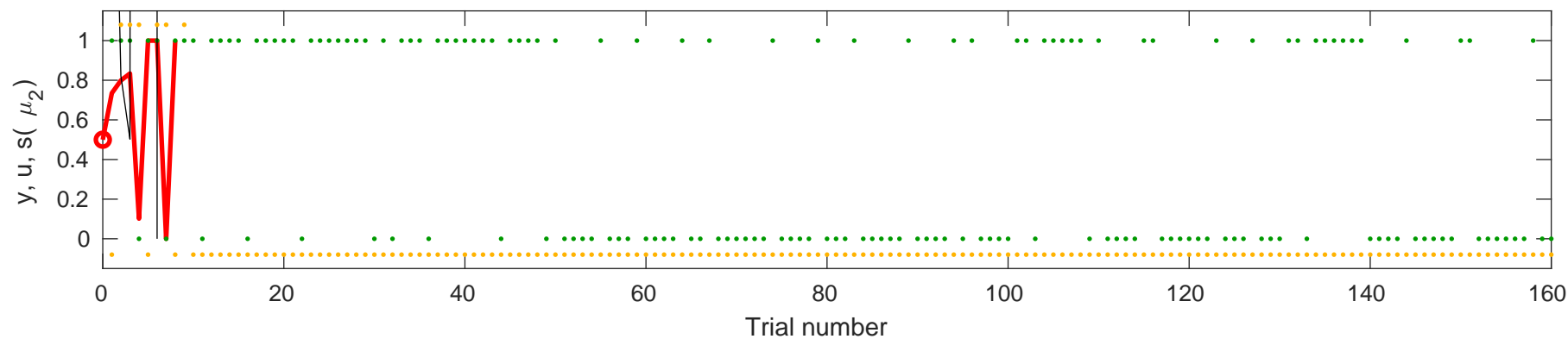


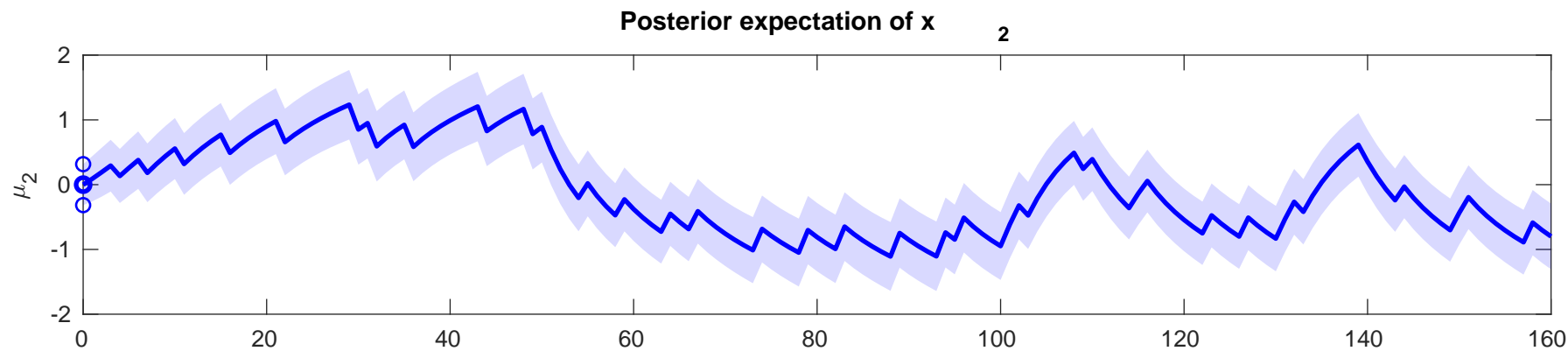
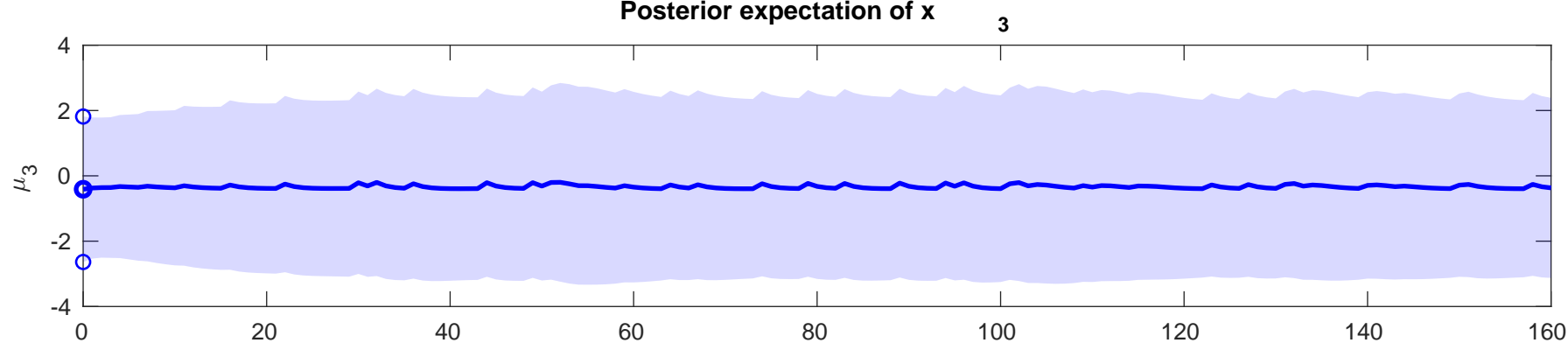
Posterior expectation of  $x$

2

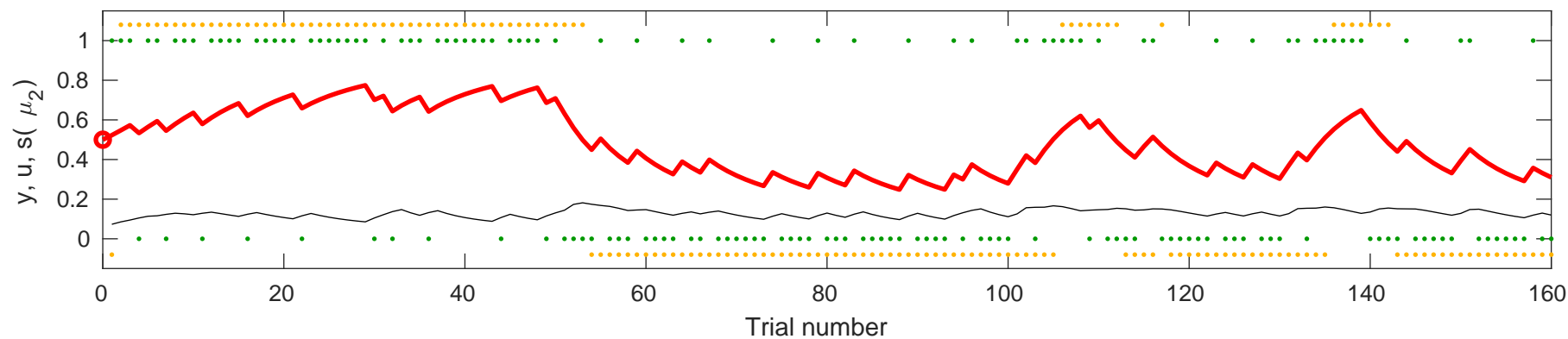


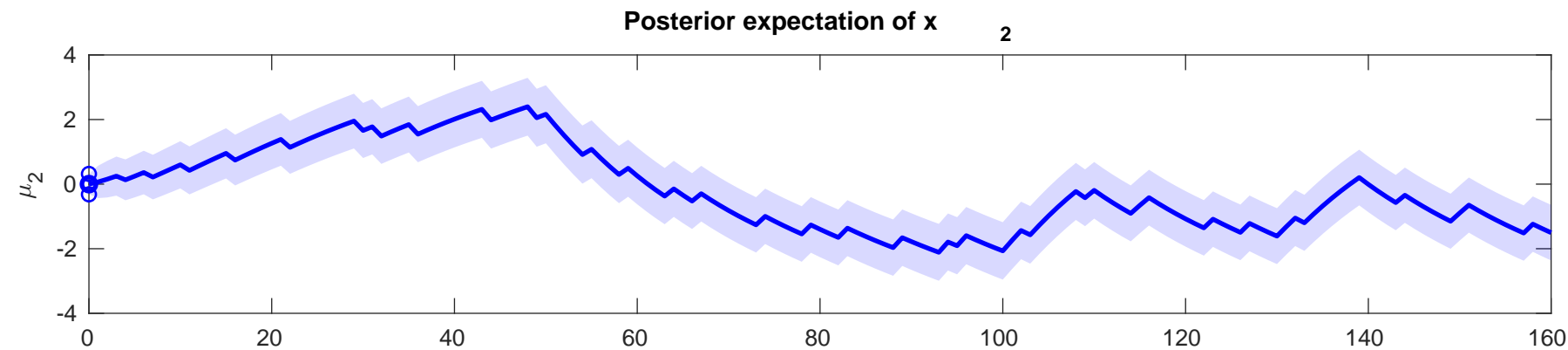
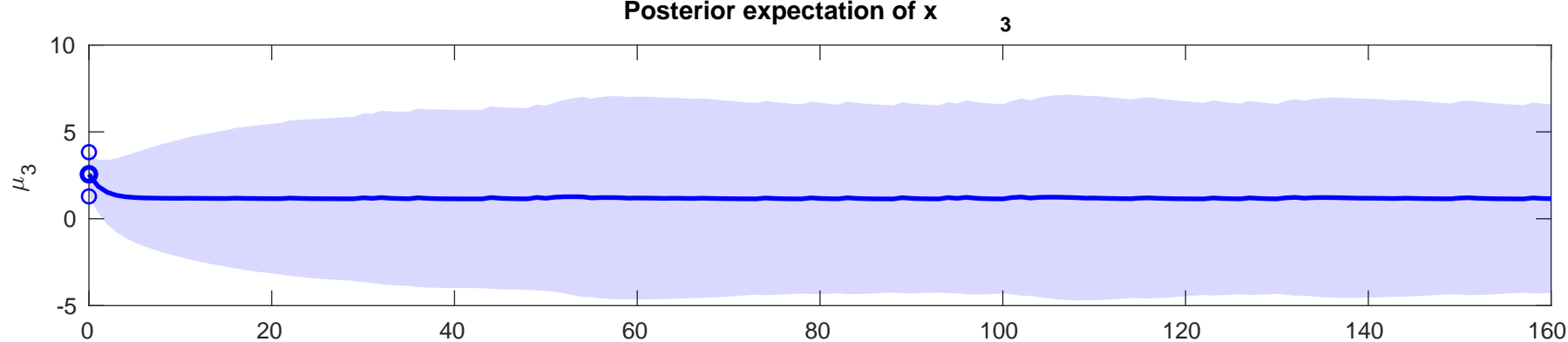
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=1.7103$



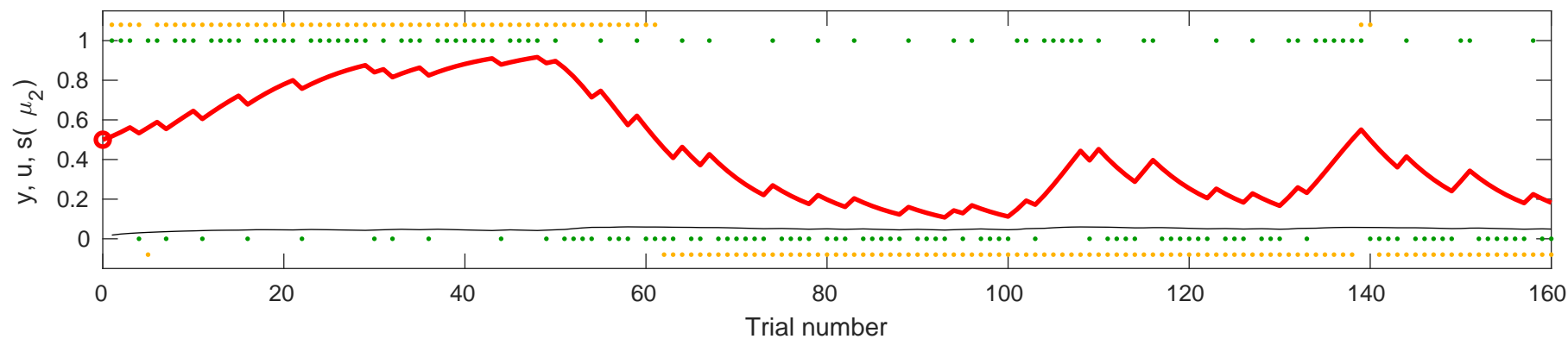


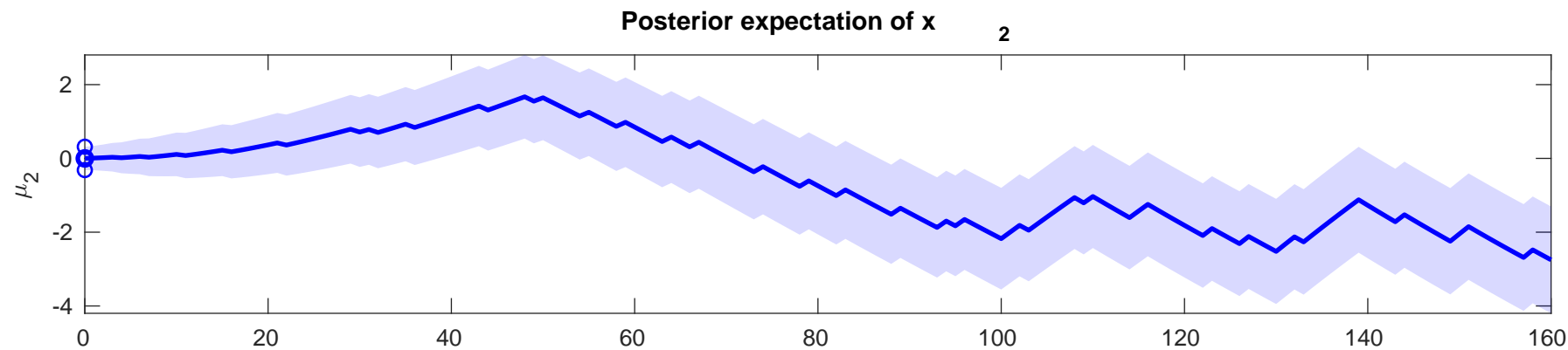
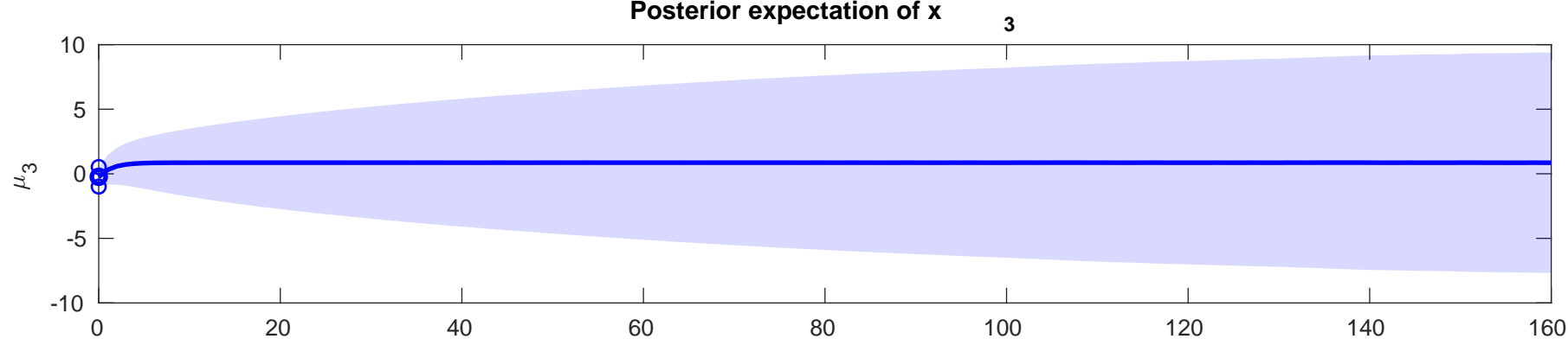
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.0596$

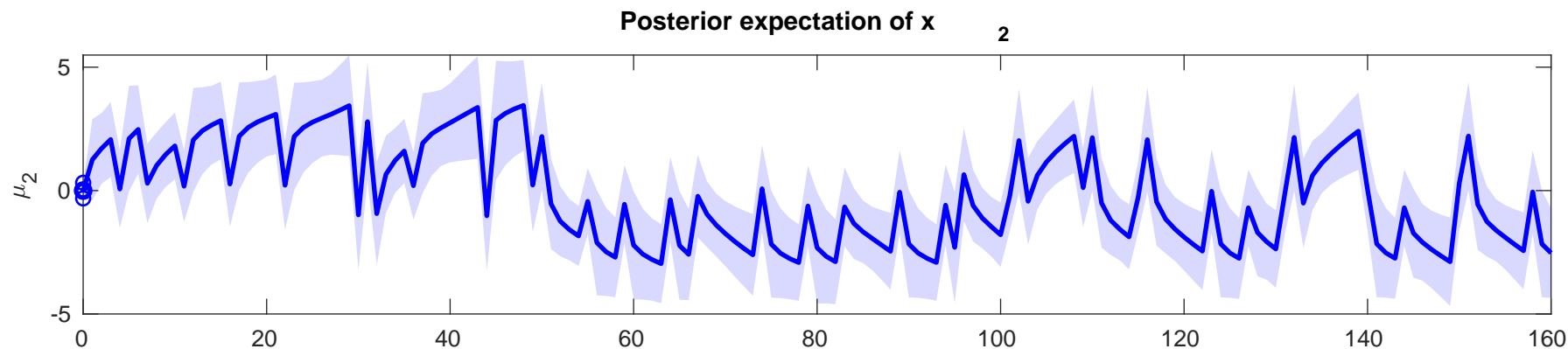
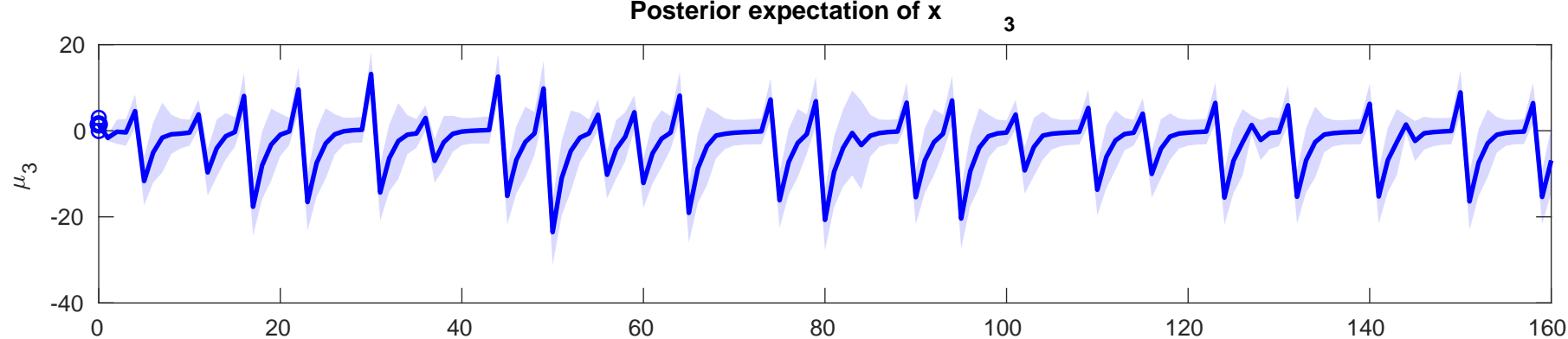




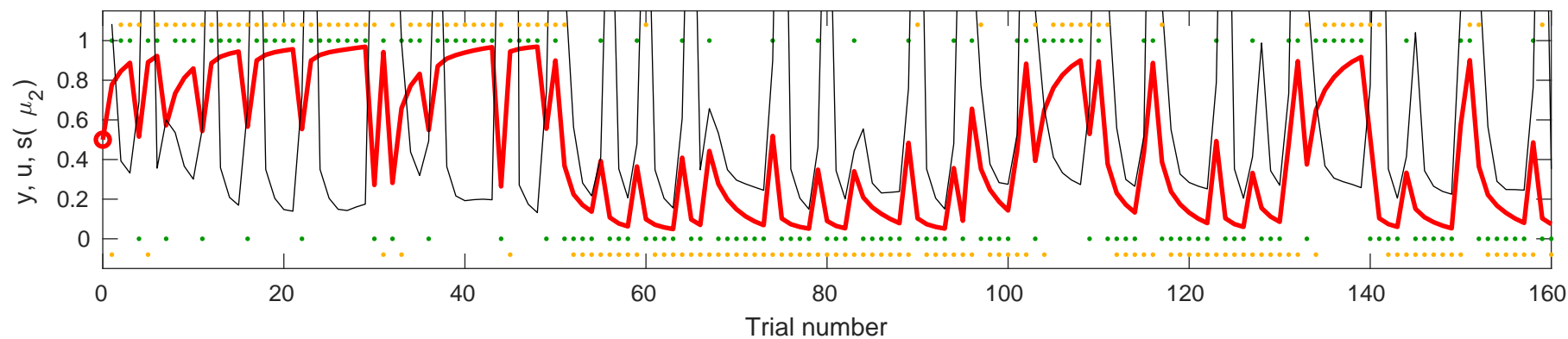
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-4.4179$



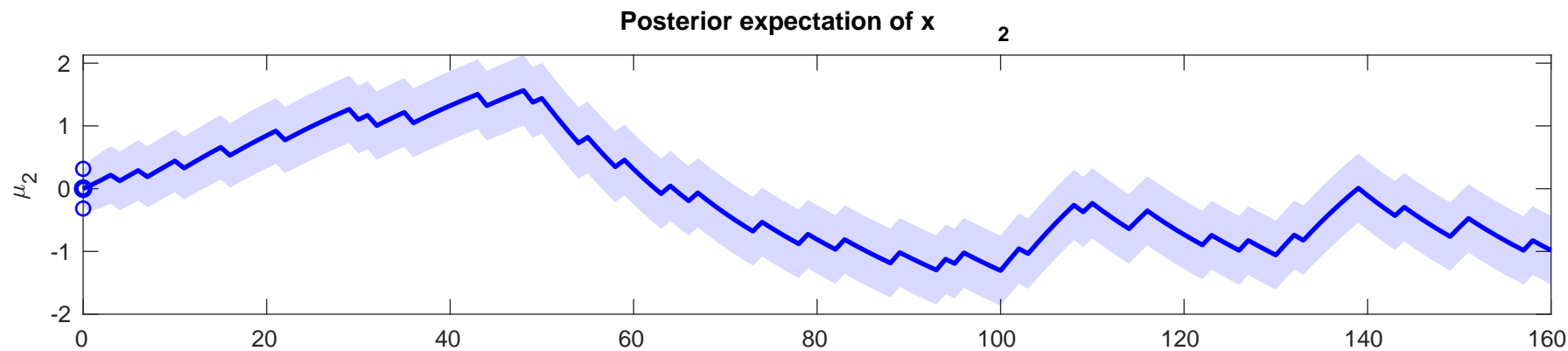
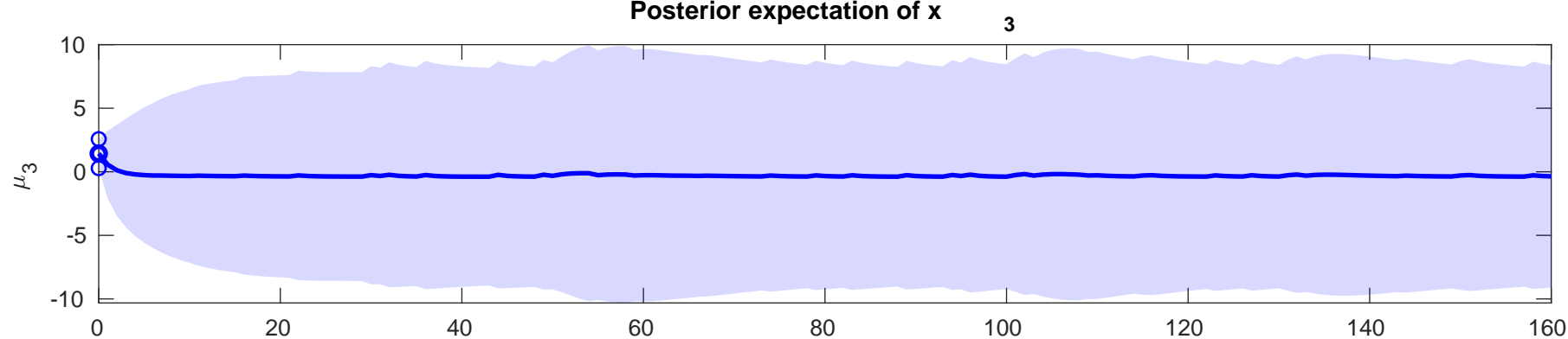




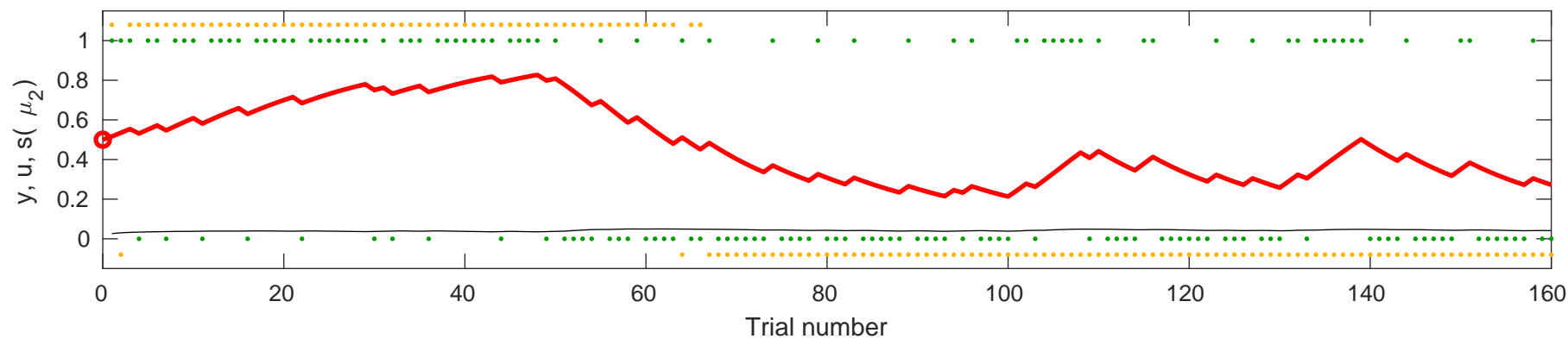
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=0.37478$

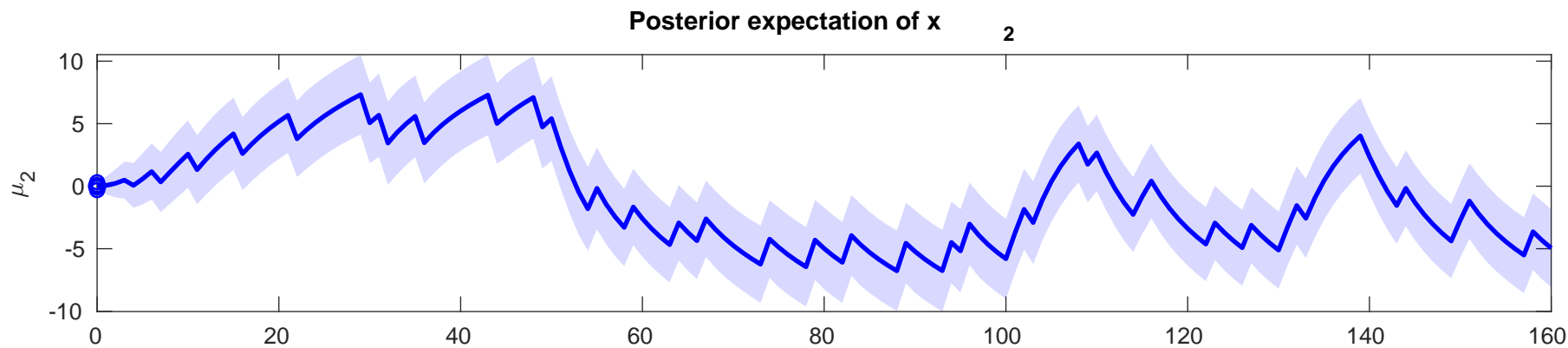
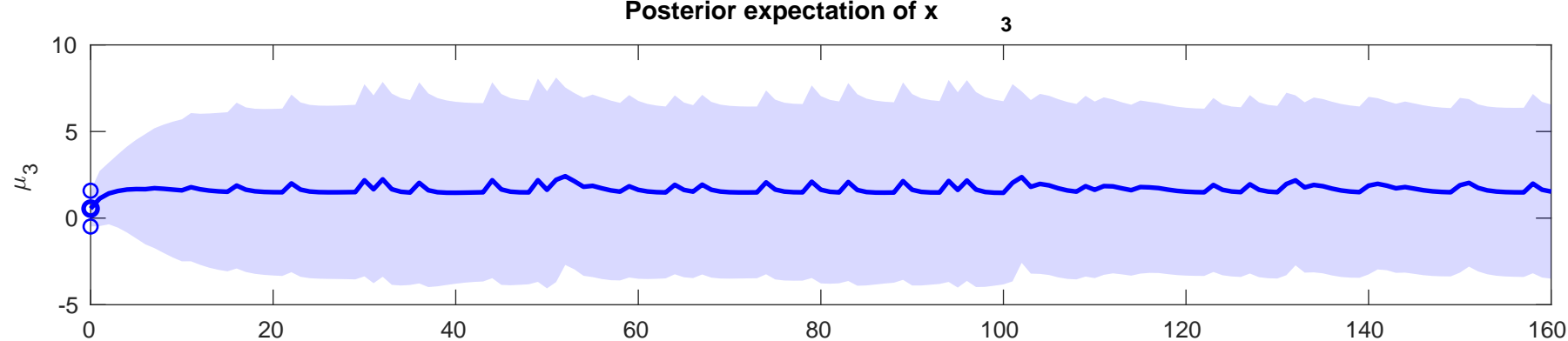




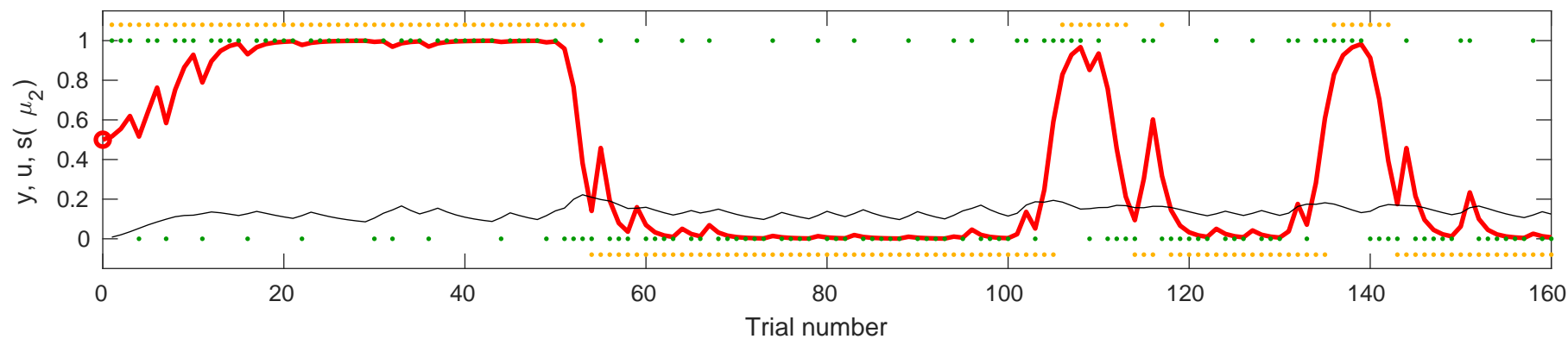


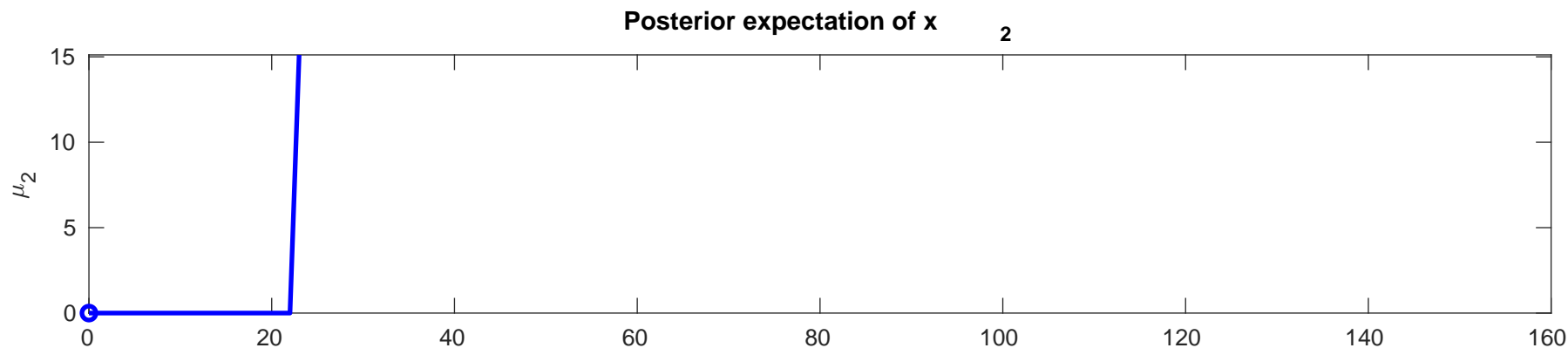
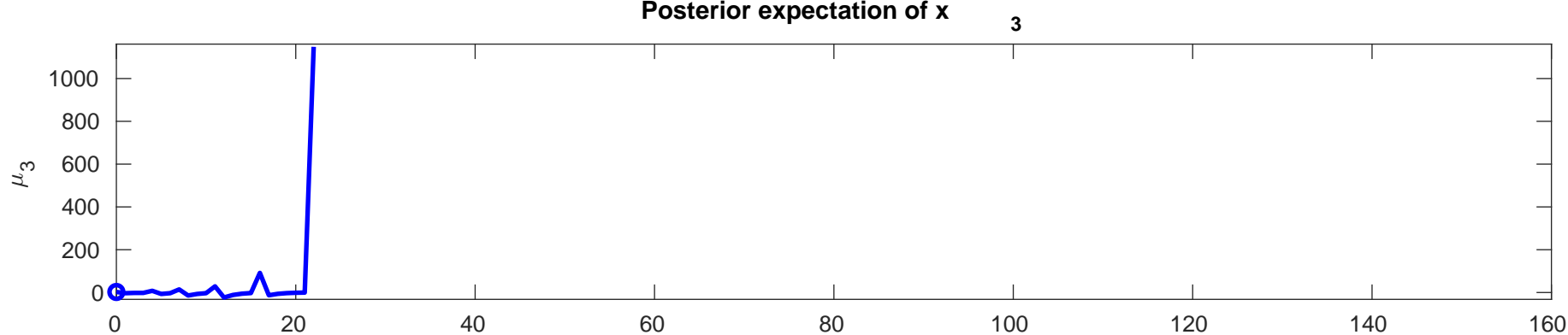
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.0166$



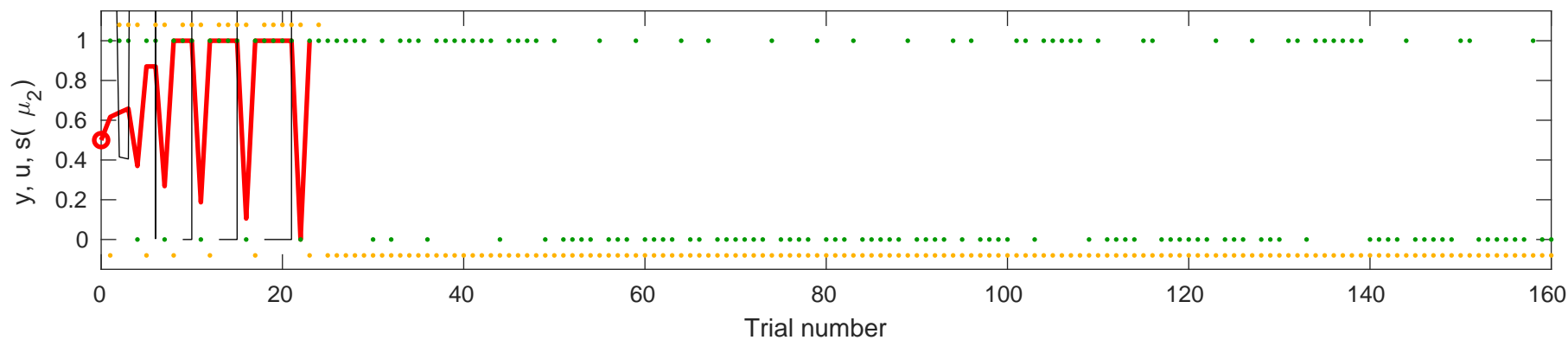


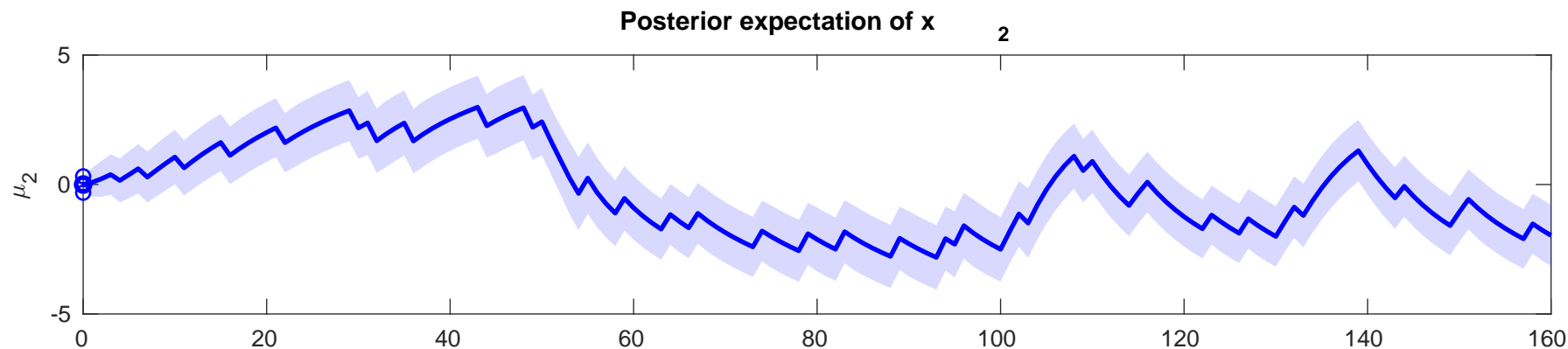
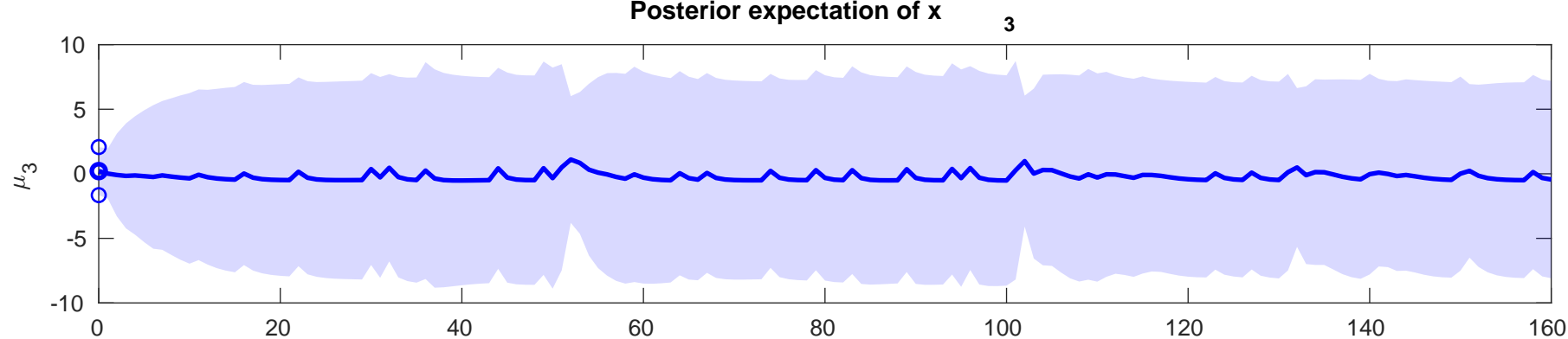
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.4089$



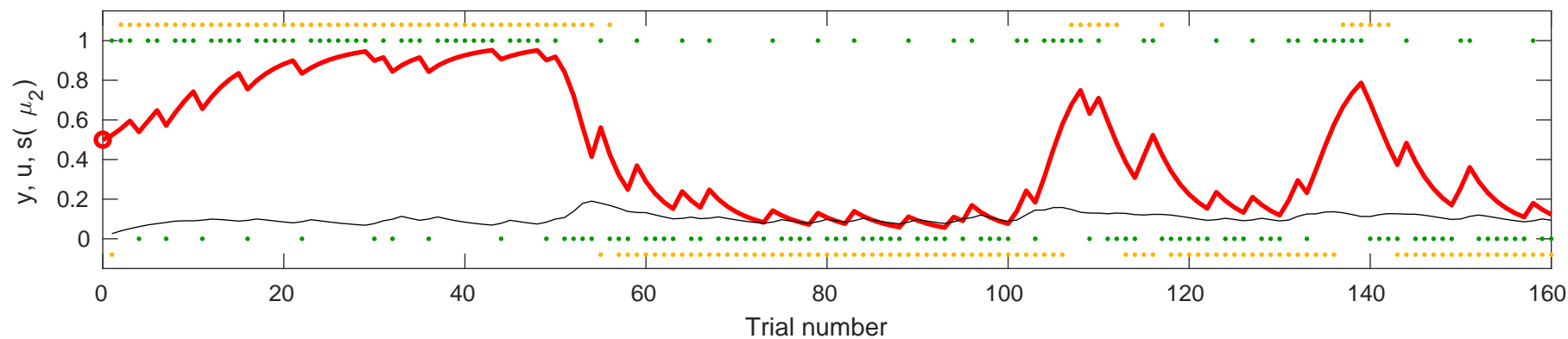


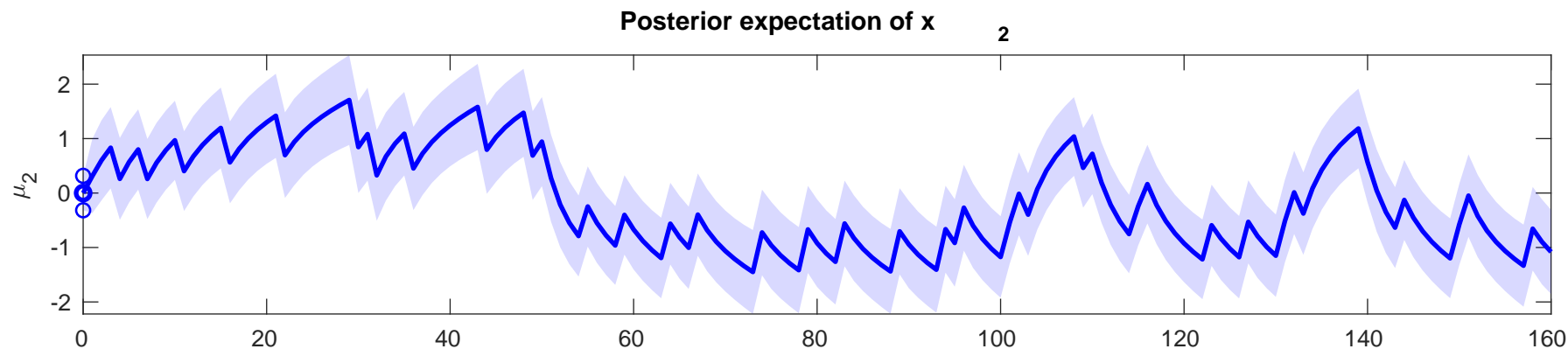
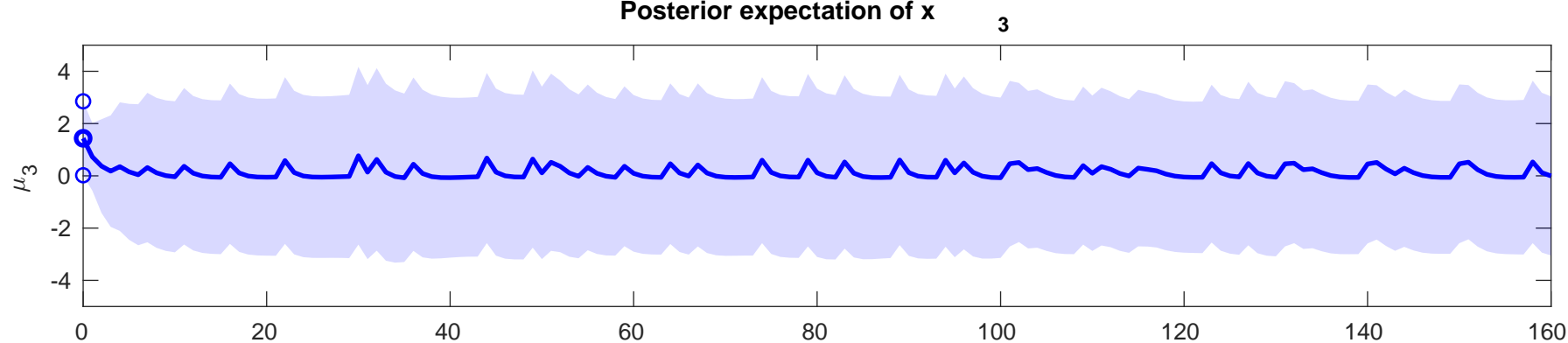
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=0.22297$



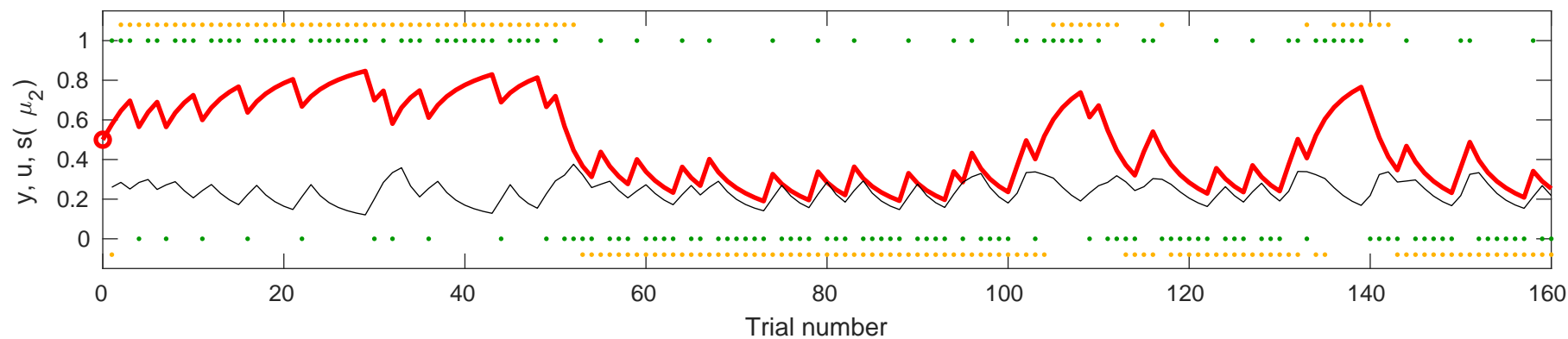


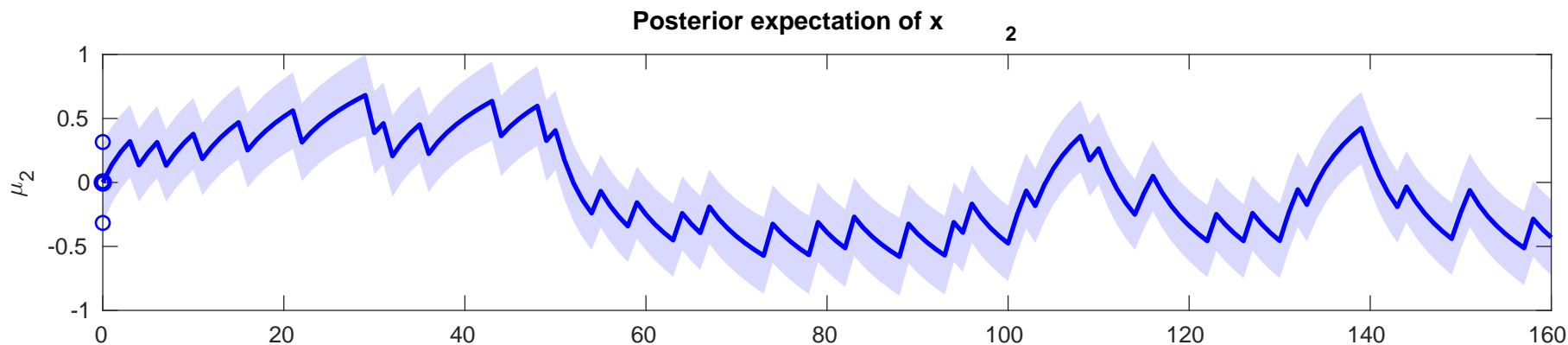
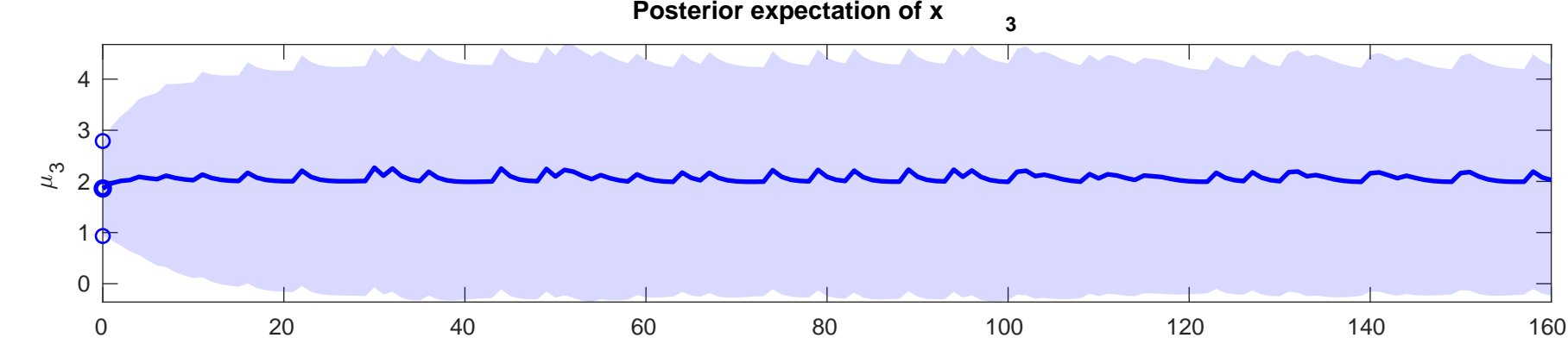
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.7045$



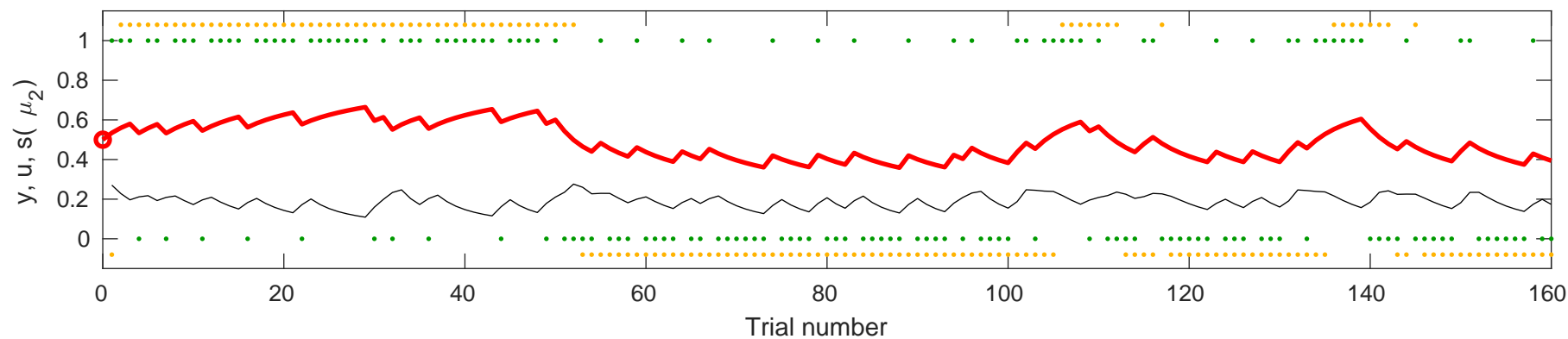


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-2.1513$



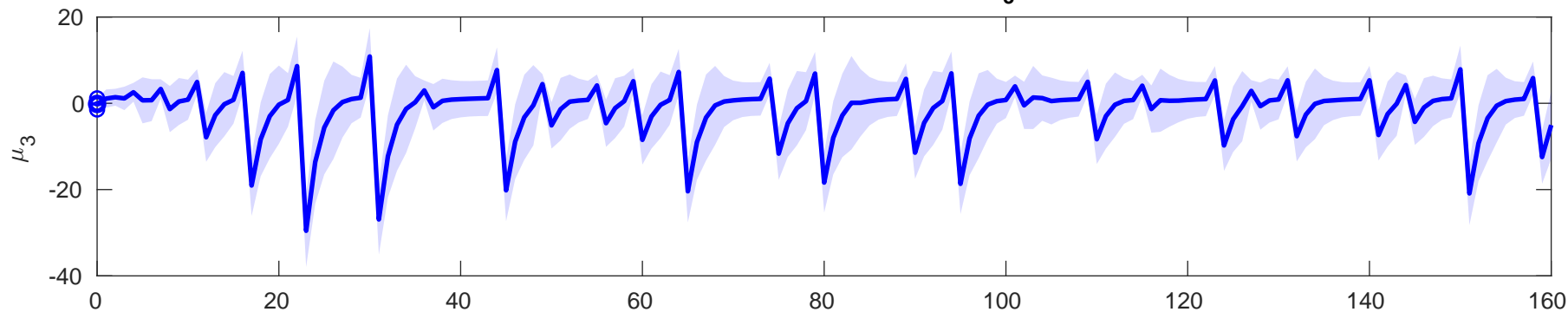


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-6.2073$

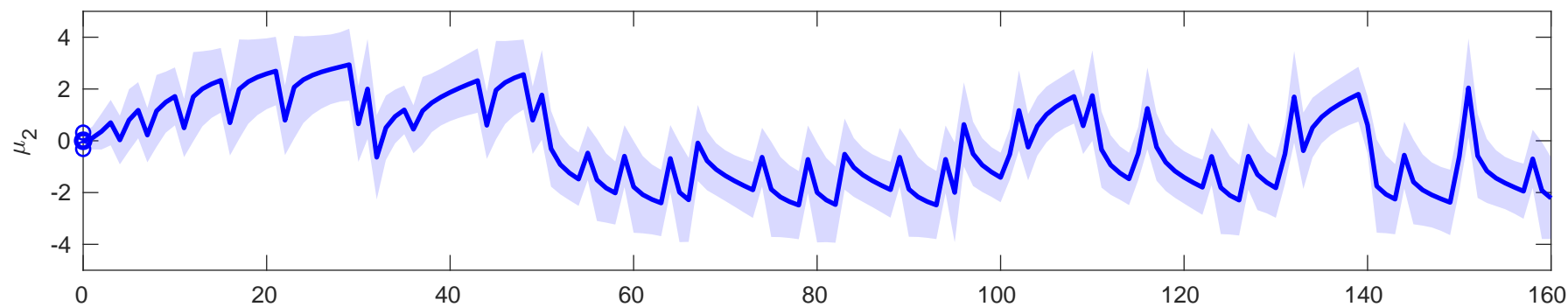


Posterior expectation of  $x$ 

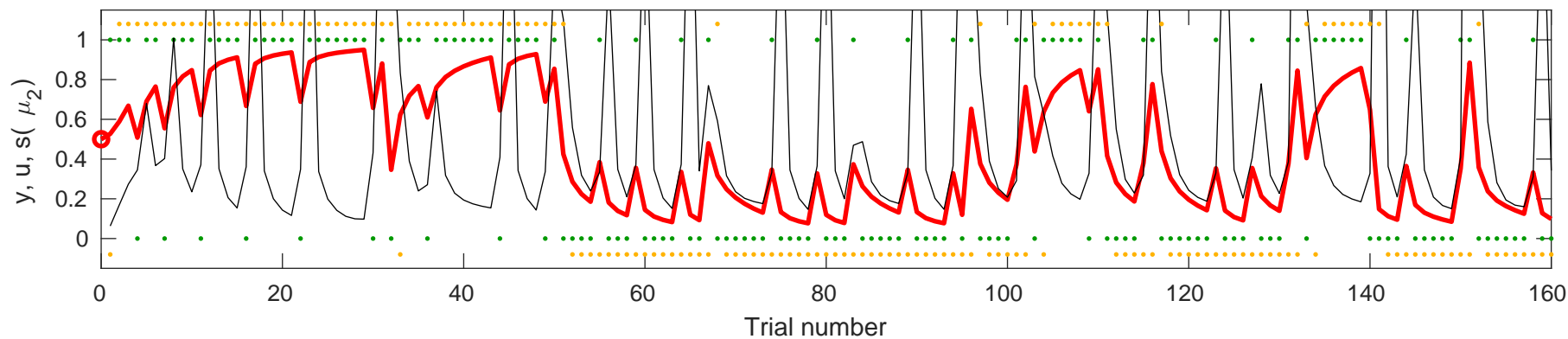
3

Posterior expectation of  $x$ 

2

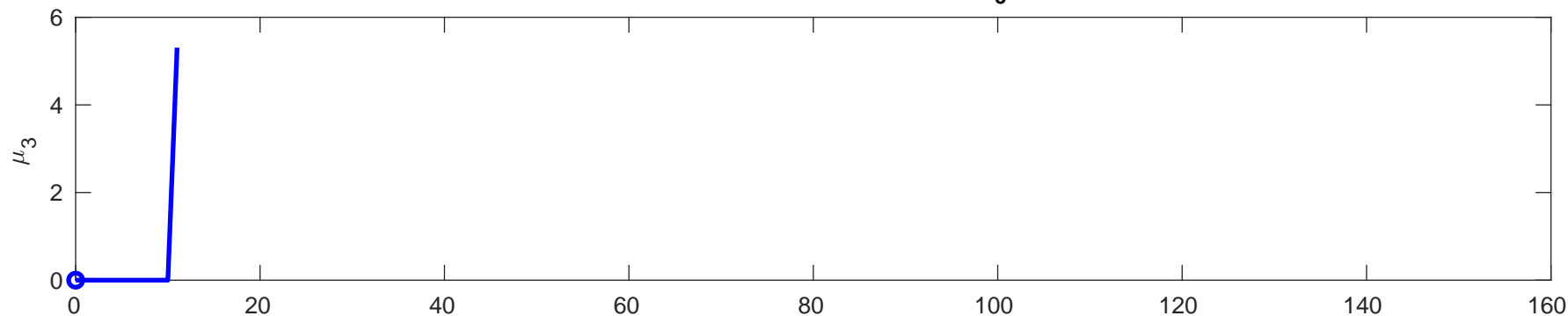


Plot of the posterior expectation of  $x_3$  (blue line), posterior expectation of  $x_2$  (red line), target  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  (red line) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.0774$ .



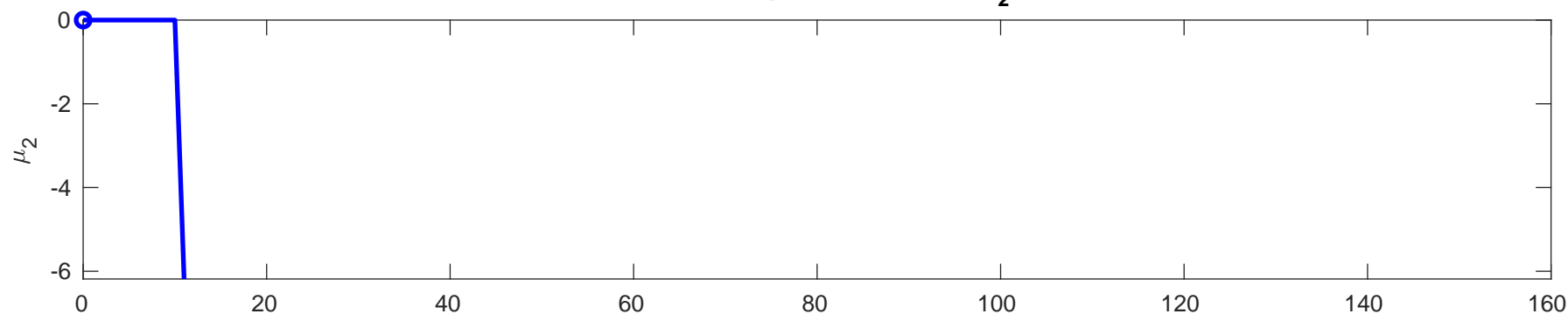
Posterior expectation of  $x$

3

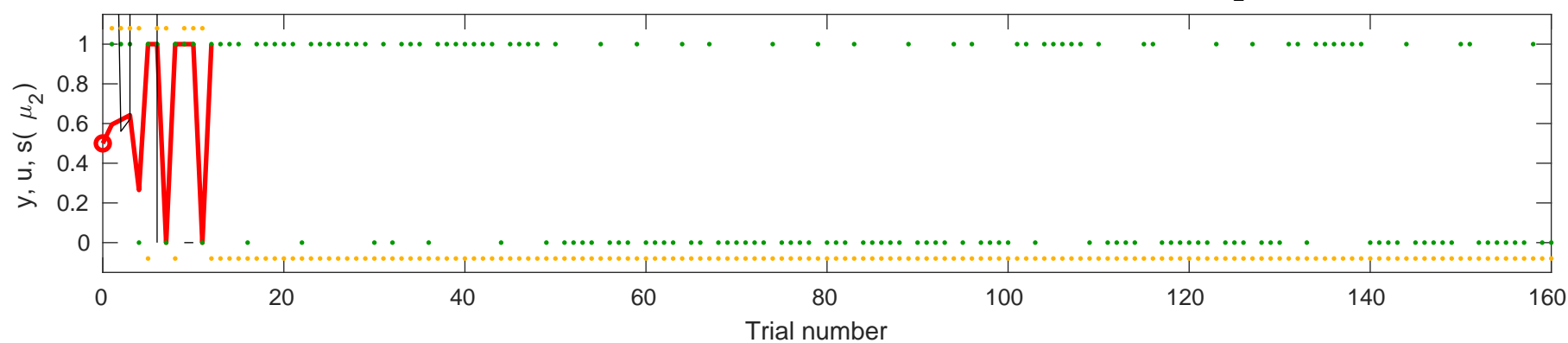


Posterior expectation of  $x$

2



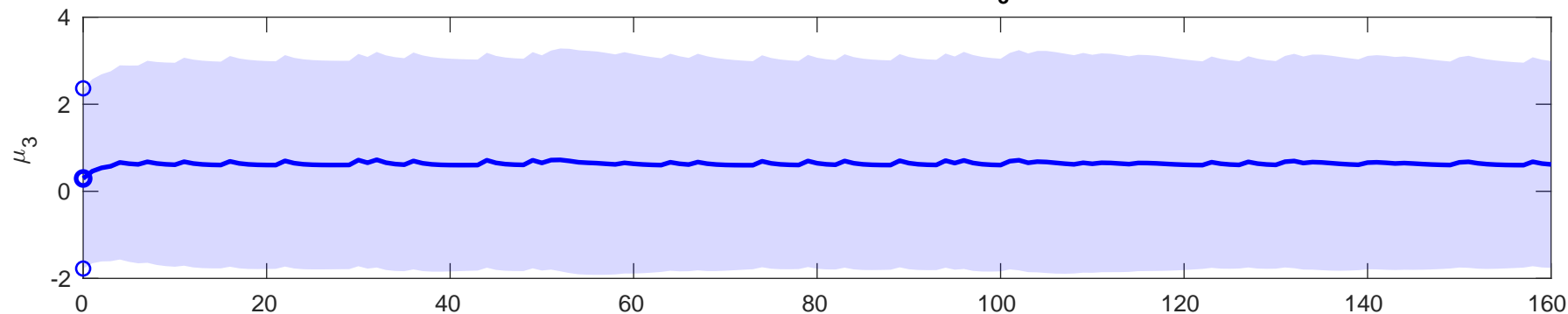
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=0.15103$





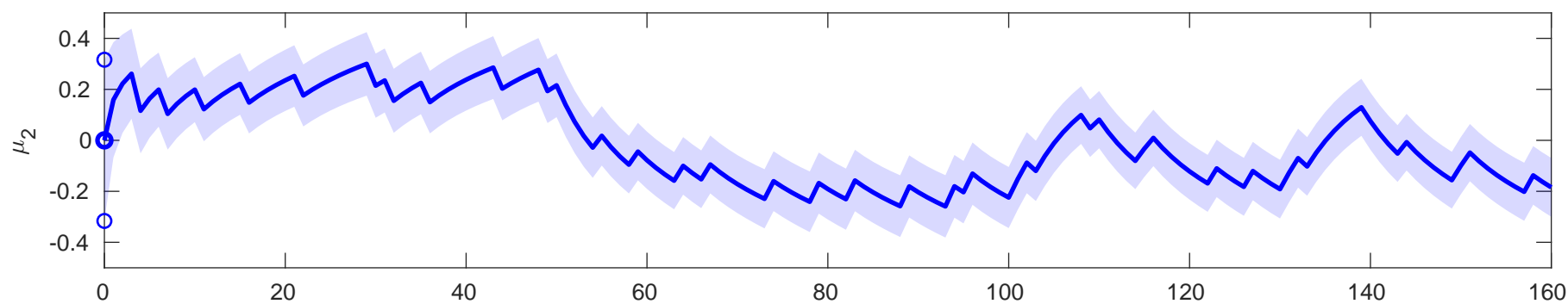
Posterior expectation of  $x$

3

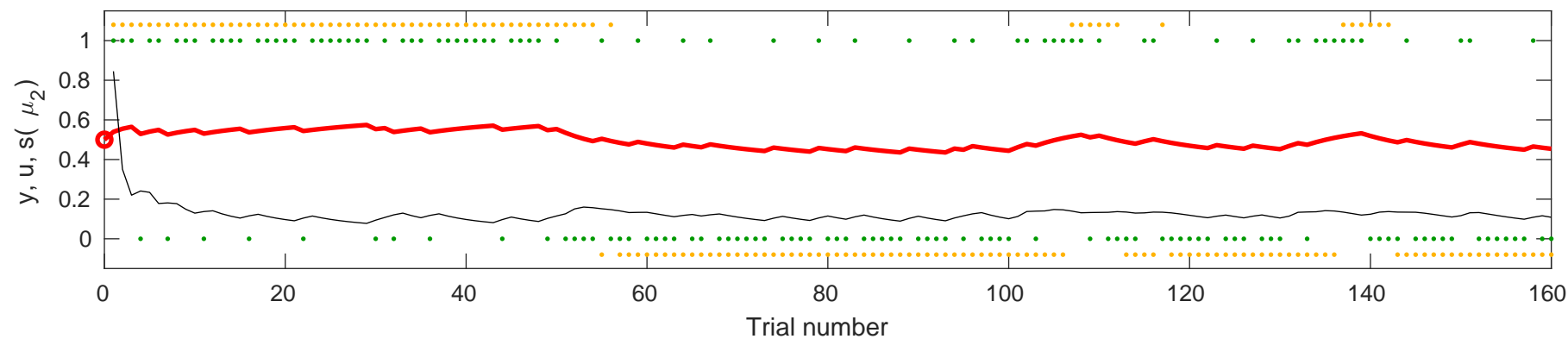


Posterior expectation of  $x$

2

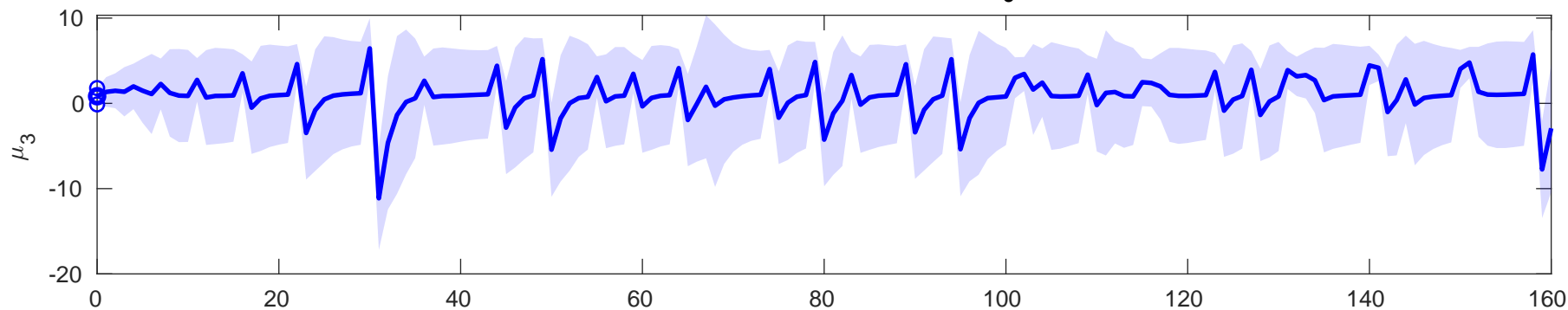


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-7.0908$

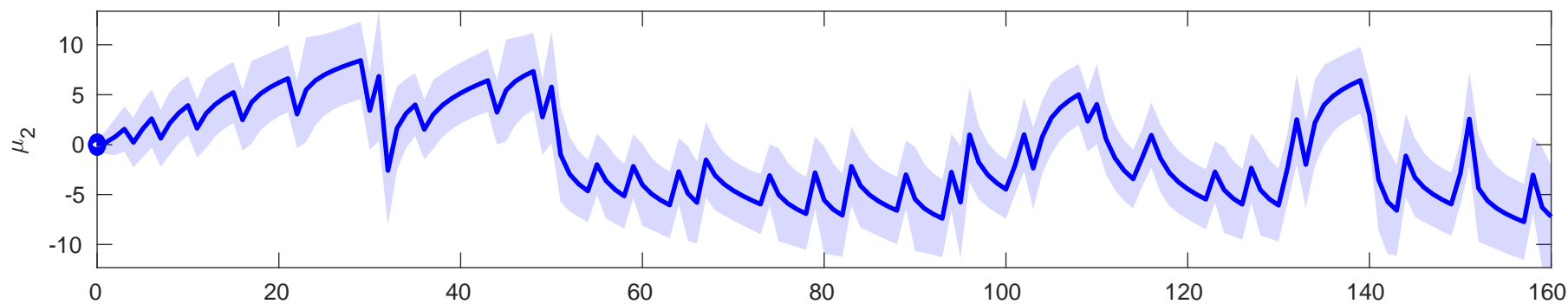


Posterior expectation of  $x$ 

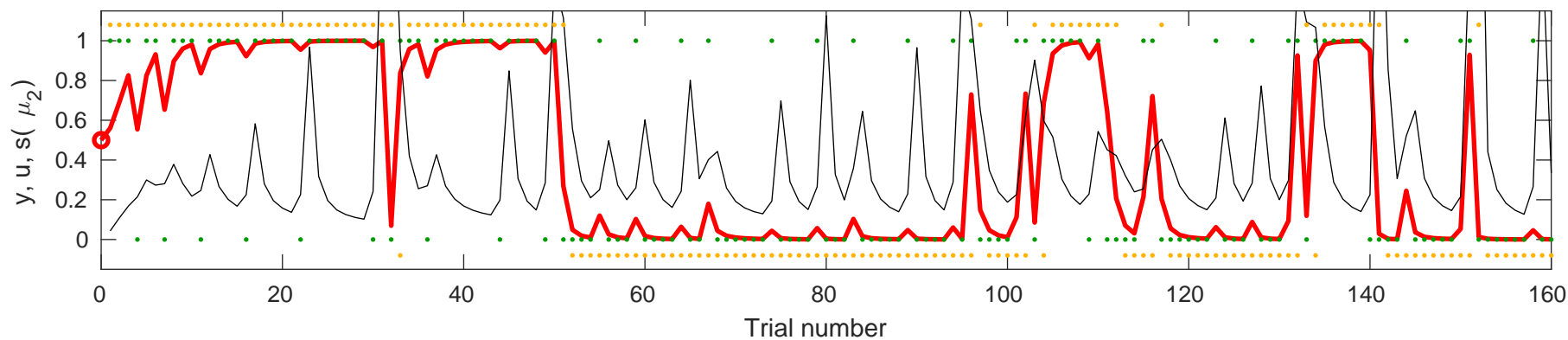
3

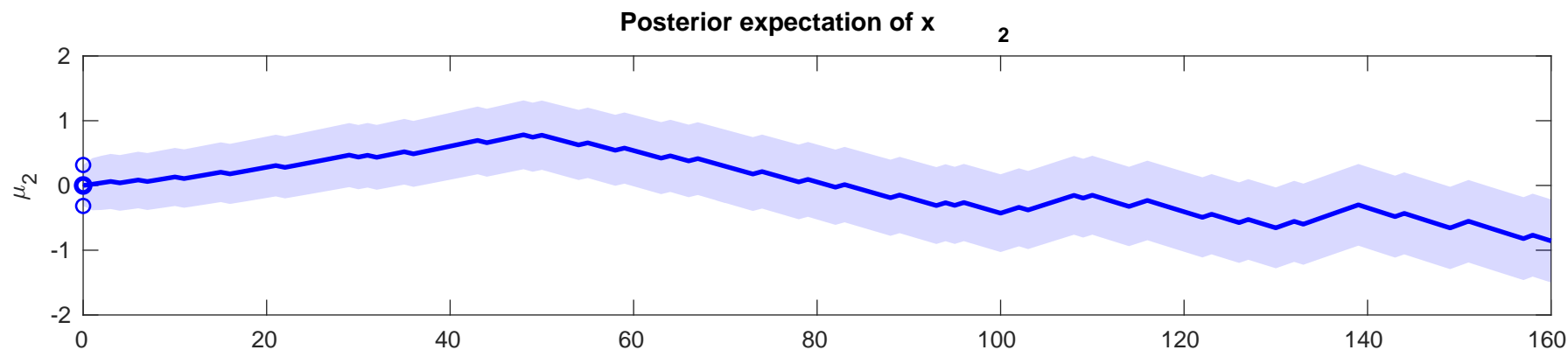
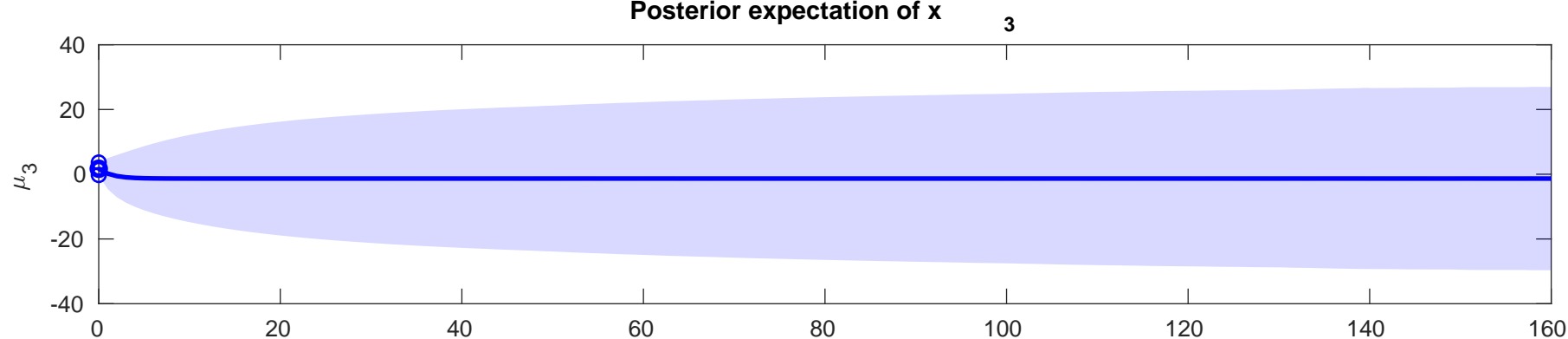
Posterior expectation of  $x$ 

2

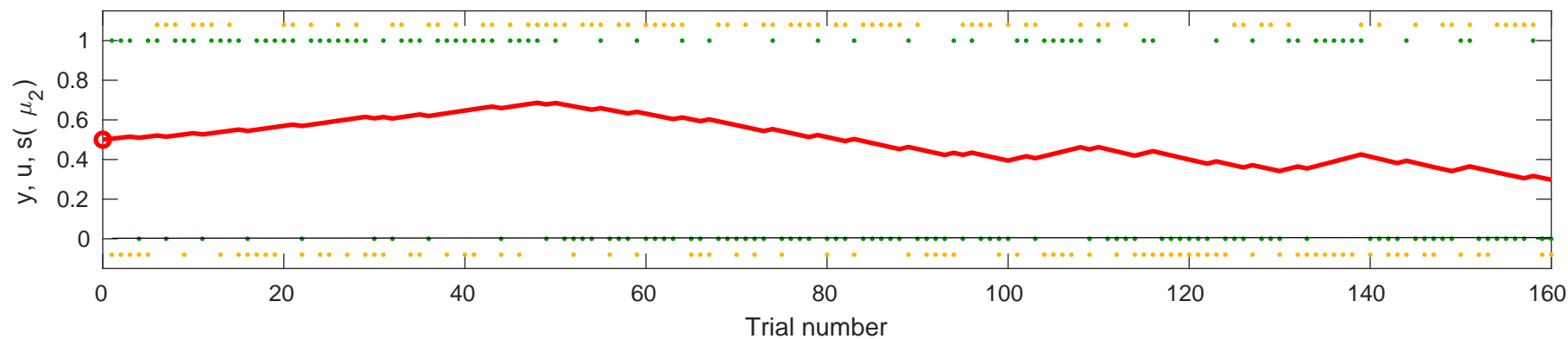


the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-0.50109$



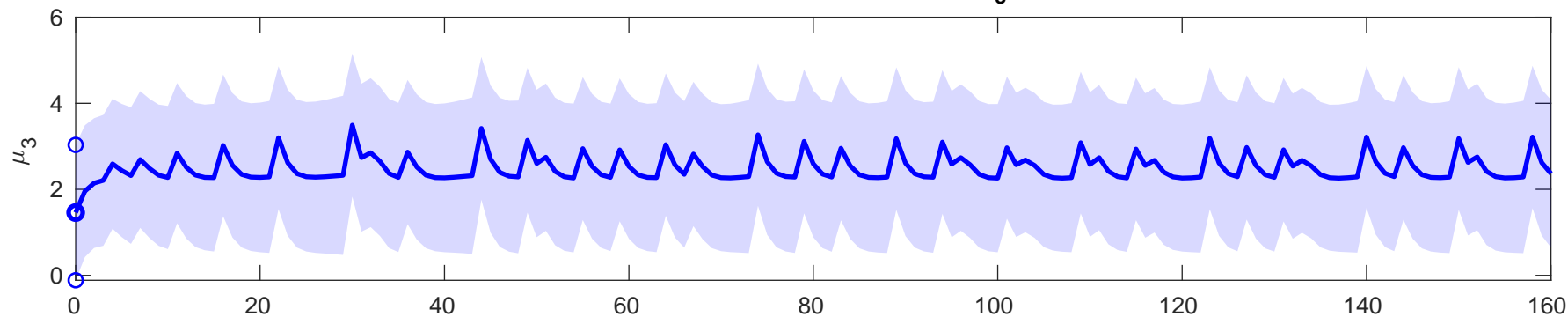


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.4714$

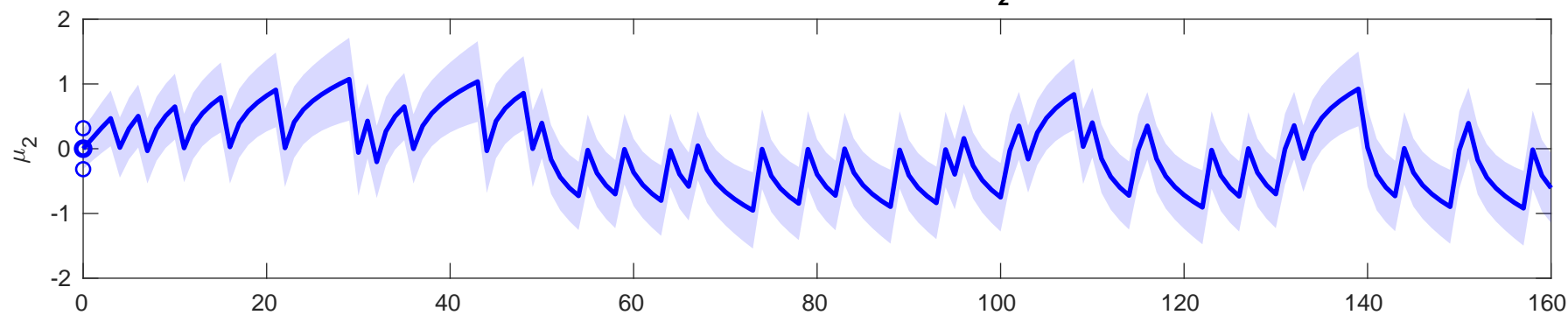


Posterior expectation of  $x$ 

3

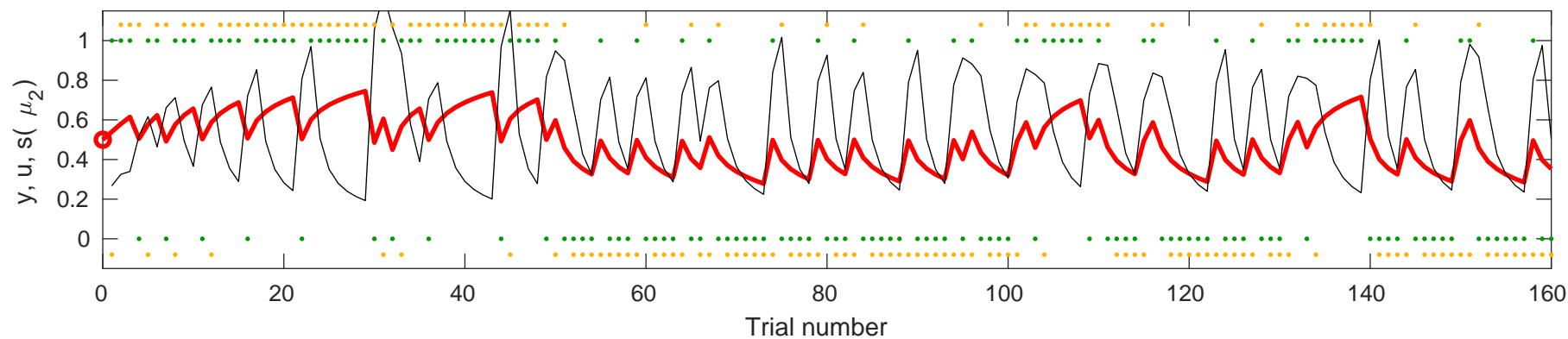
Posterior expectation of  $x$ 

2



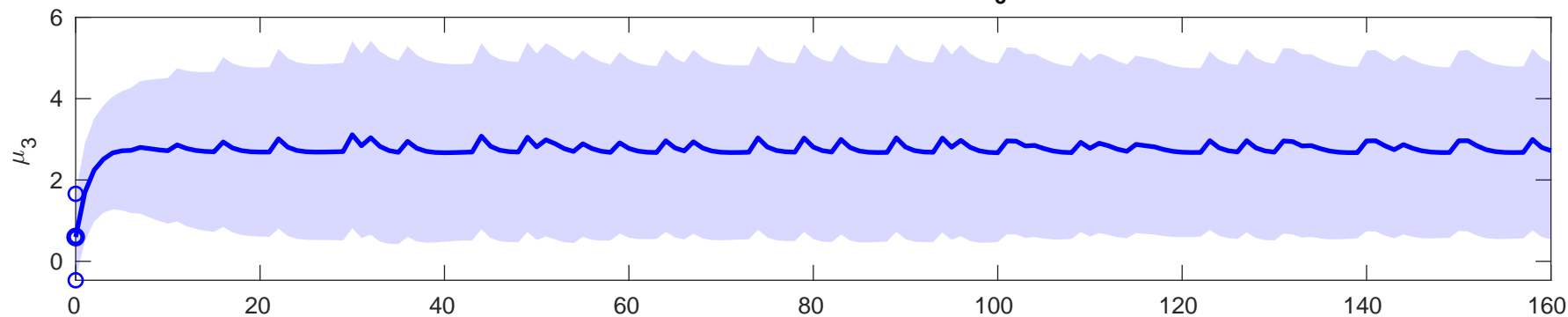
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ (

$\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.4082$

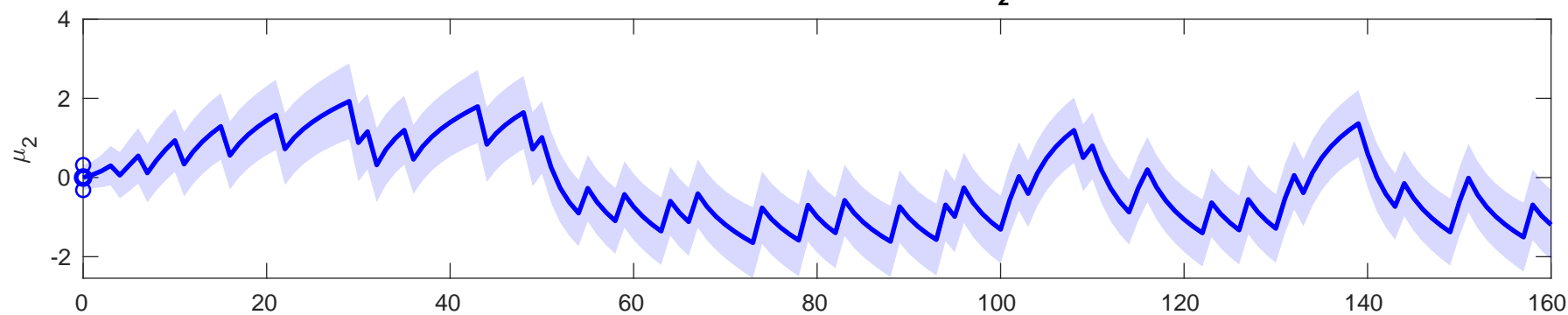


Posterior expectation of  $x$ 

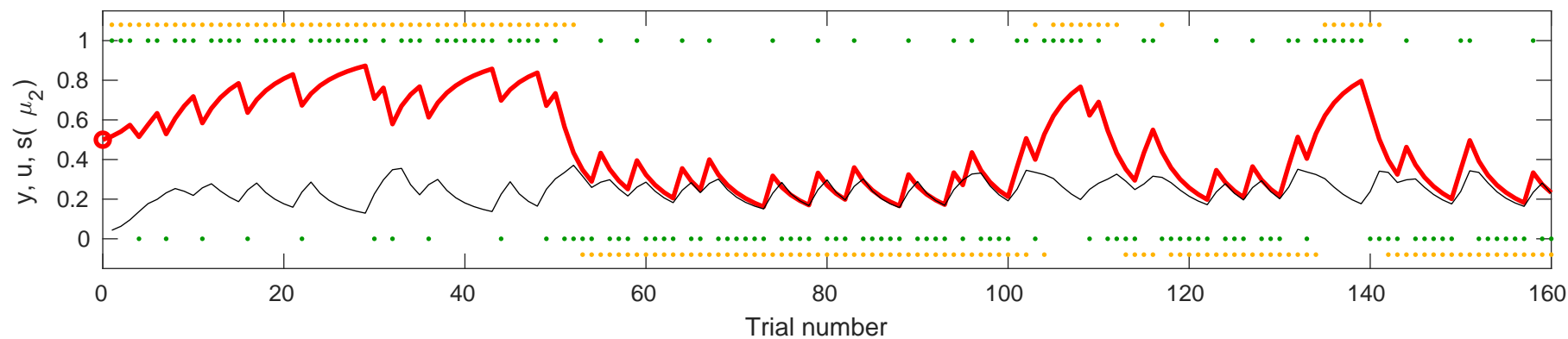
3

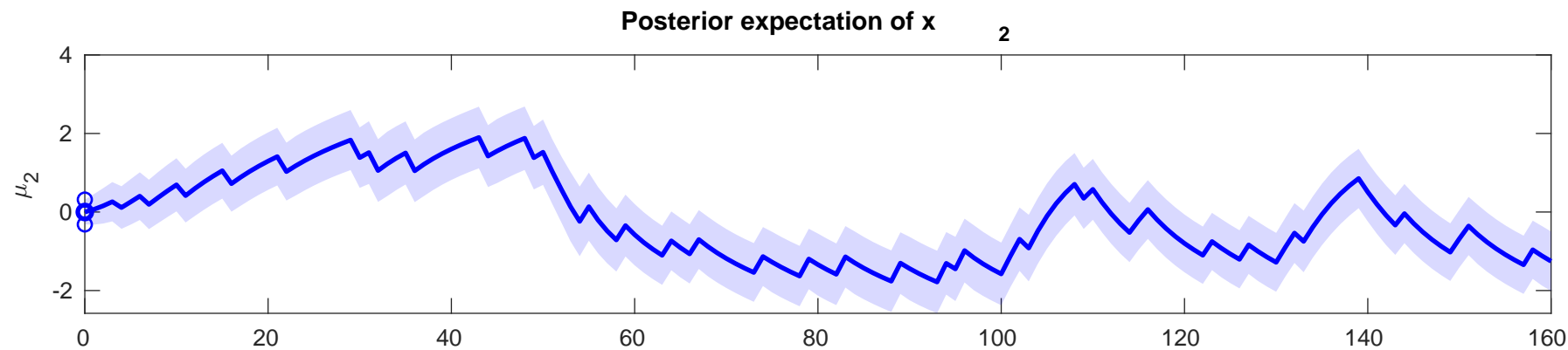
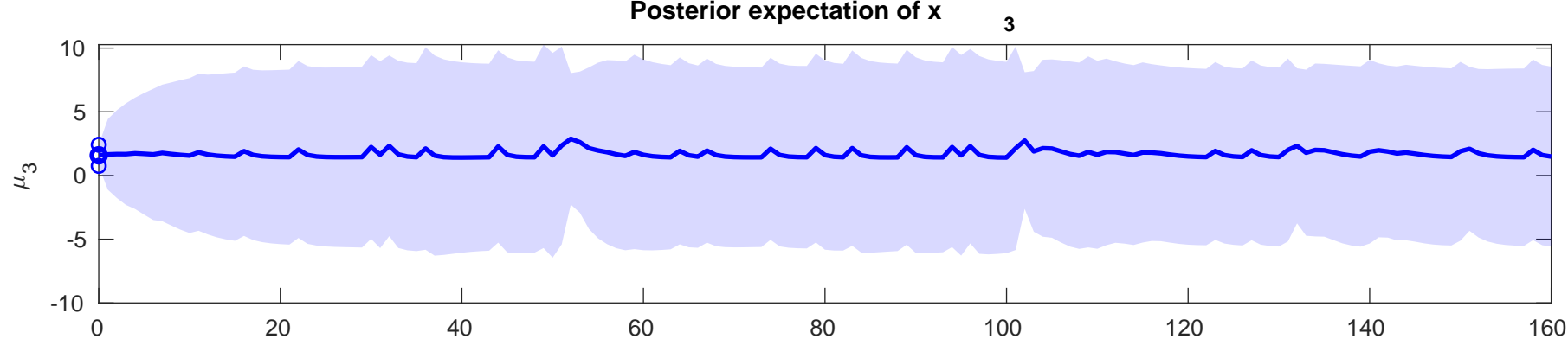
Posterior expectation of  $x$ 

2

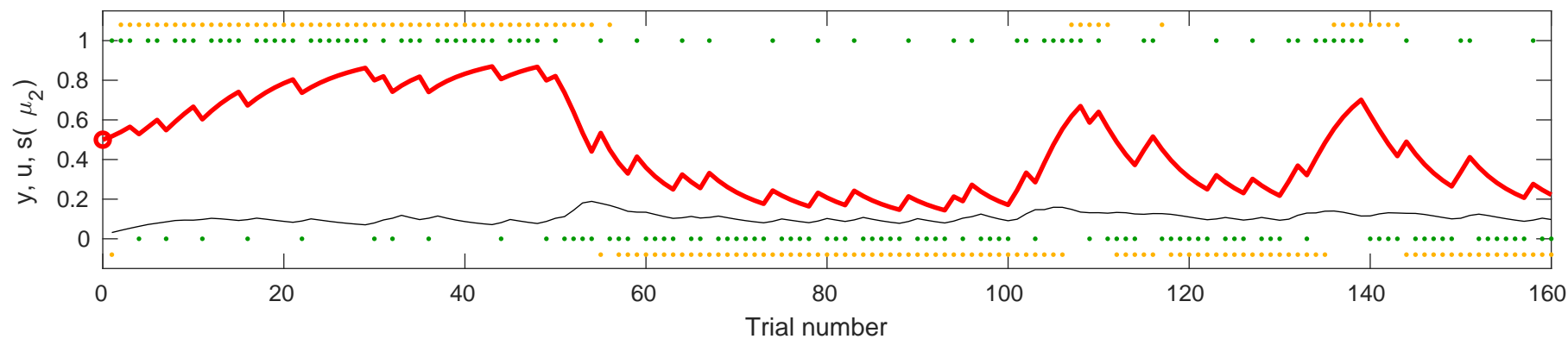


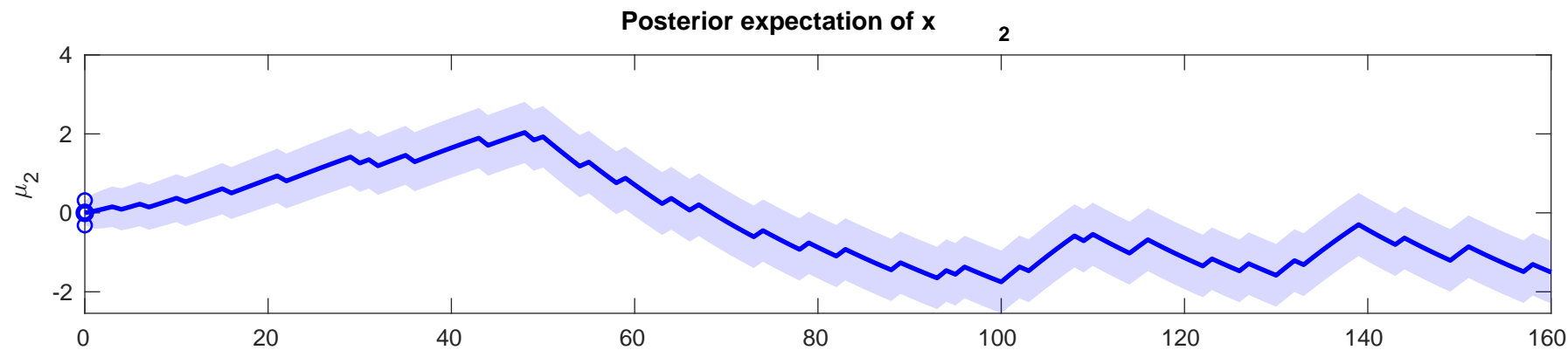
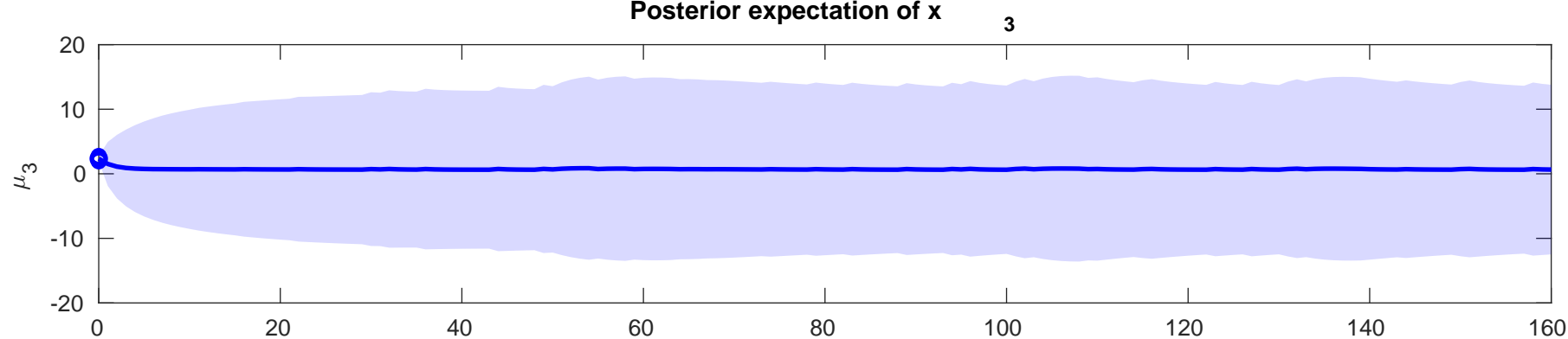
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.4849$



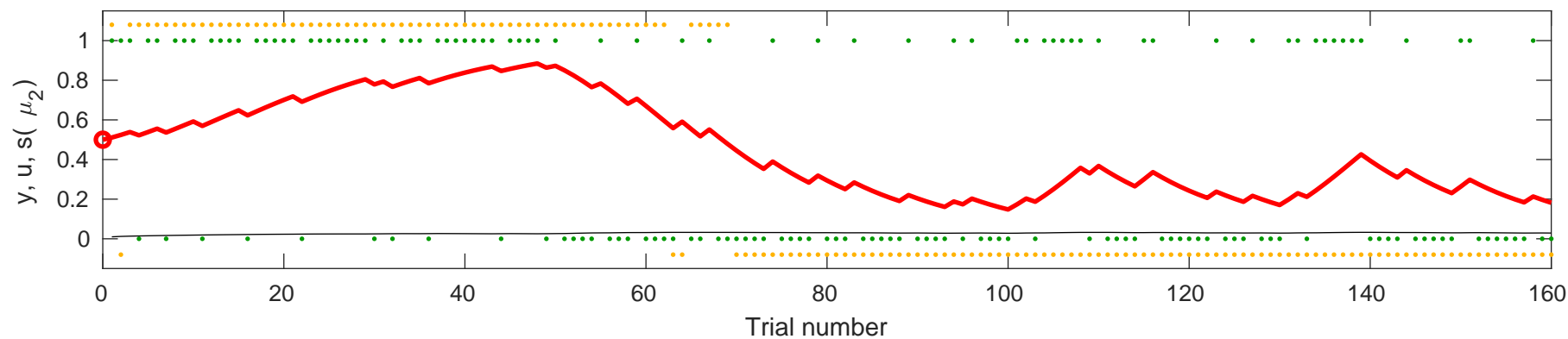


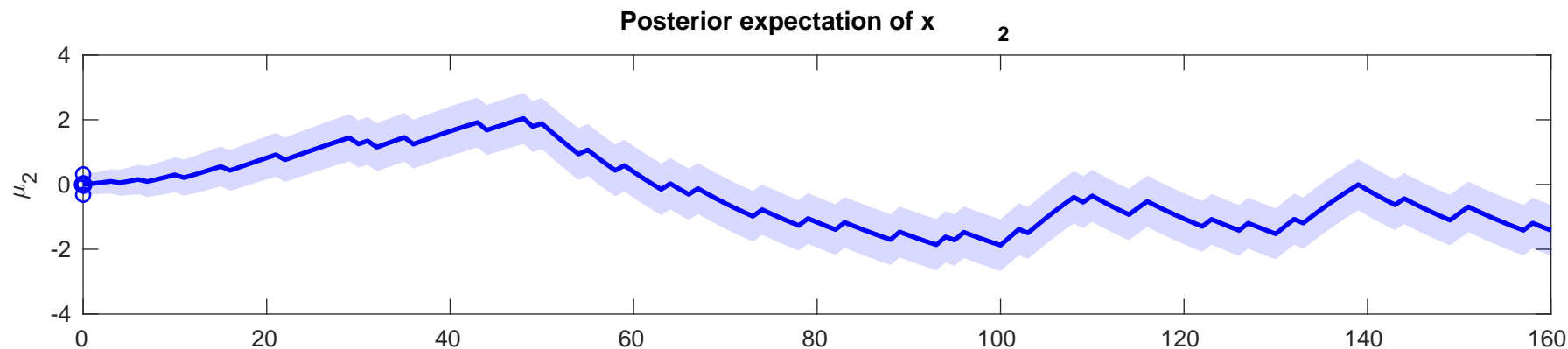
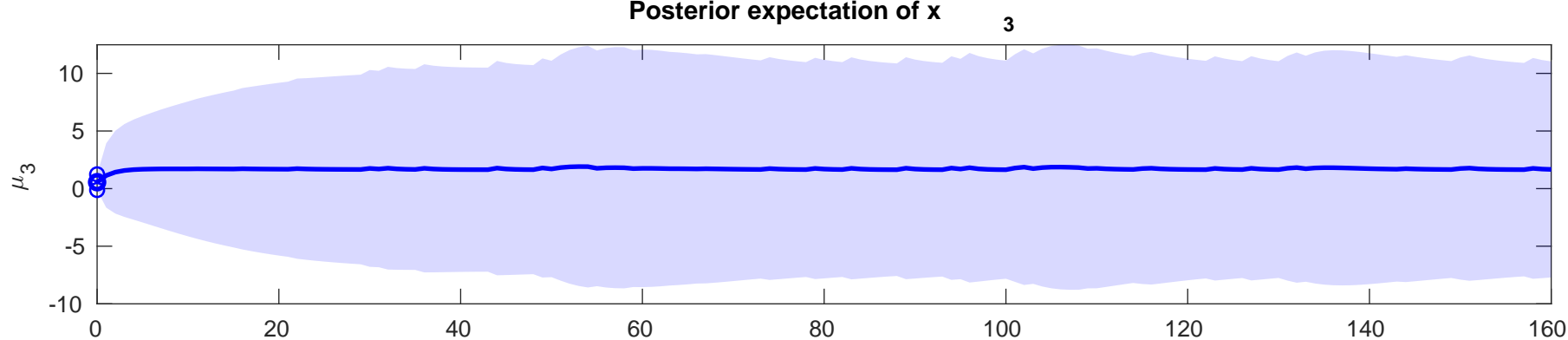
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.4657$



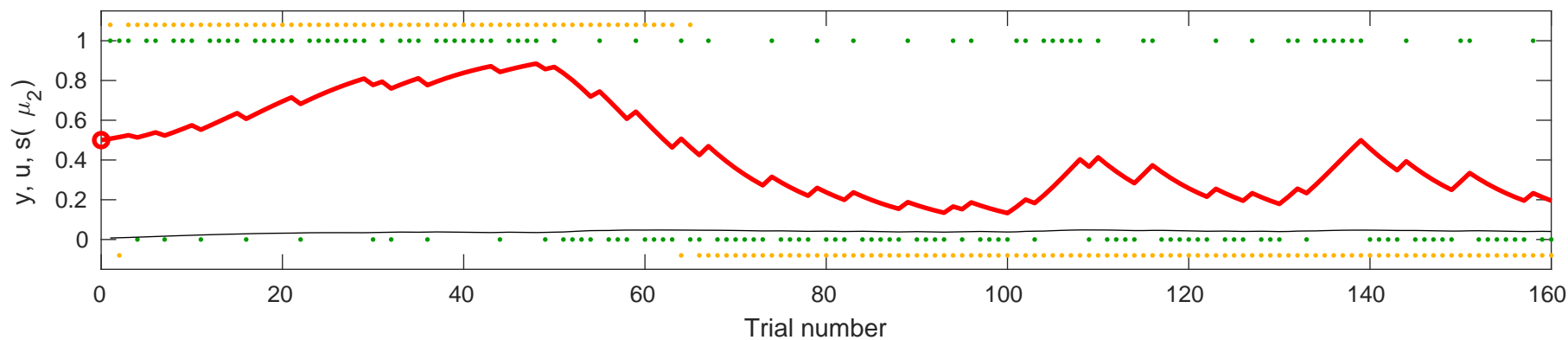


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.6494$

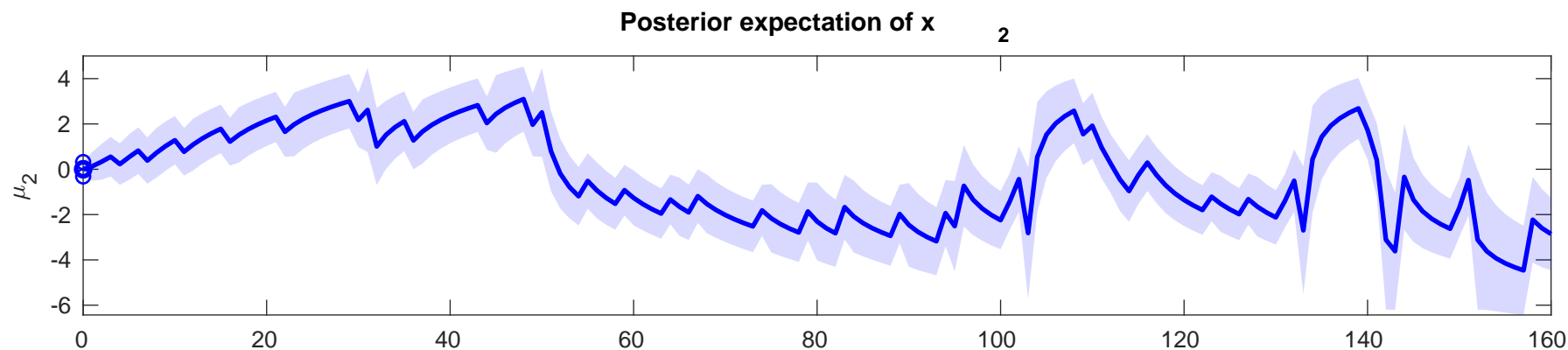
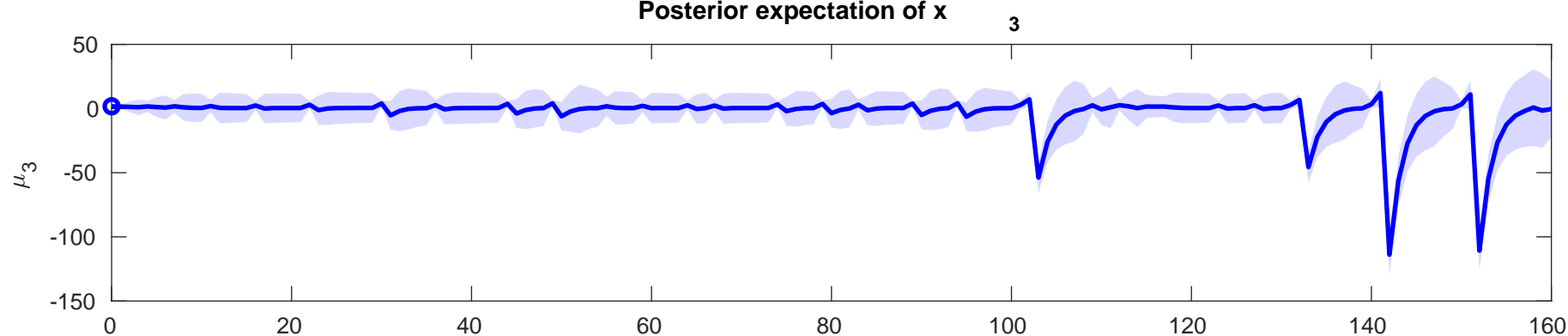




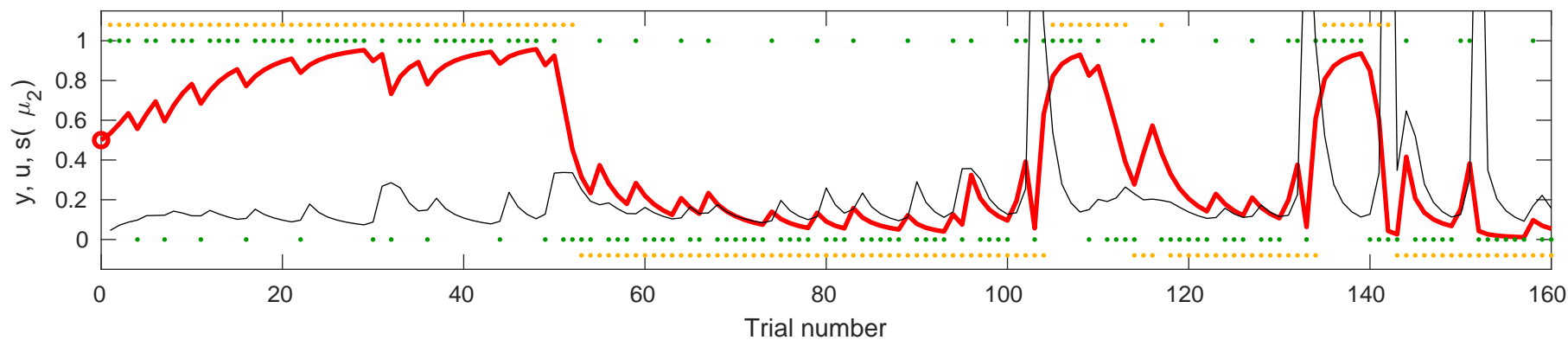
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.3419$

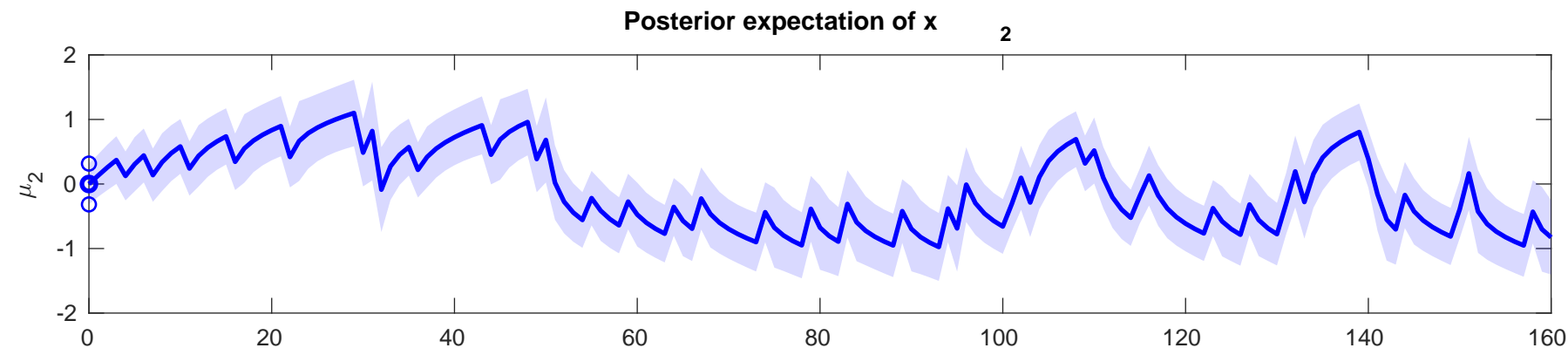
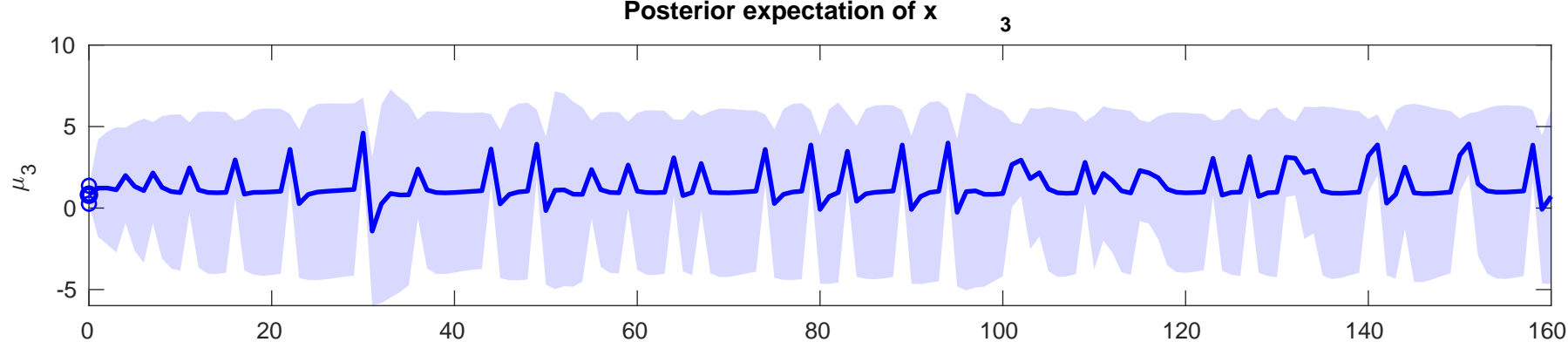




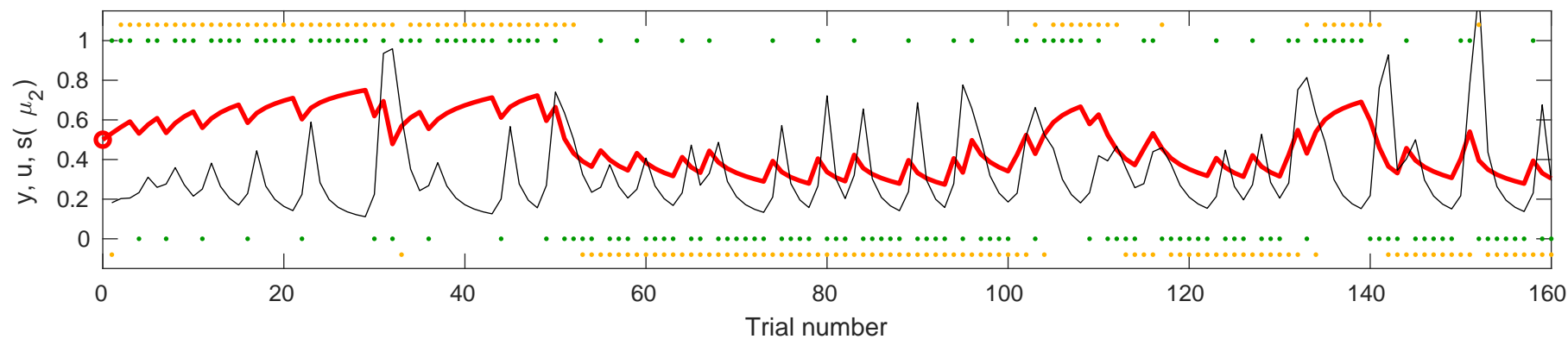


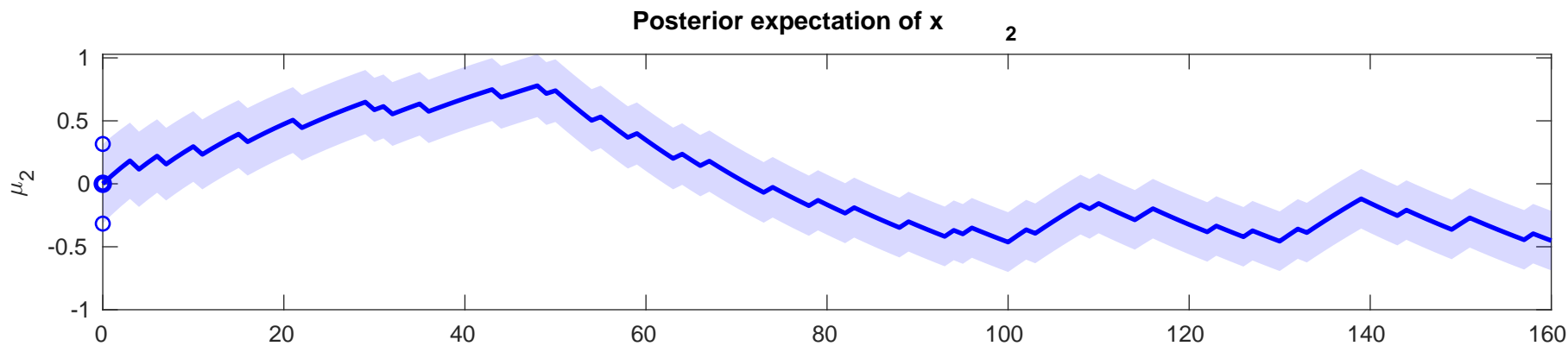
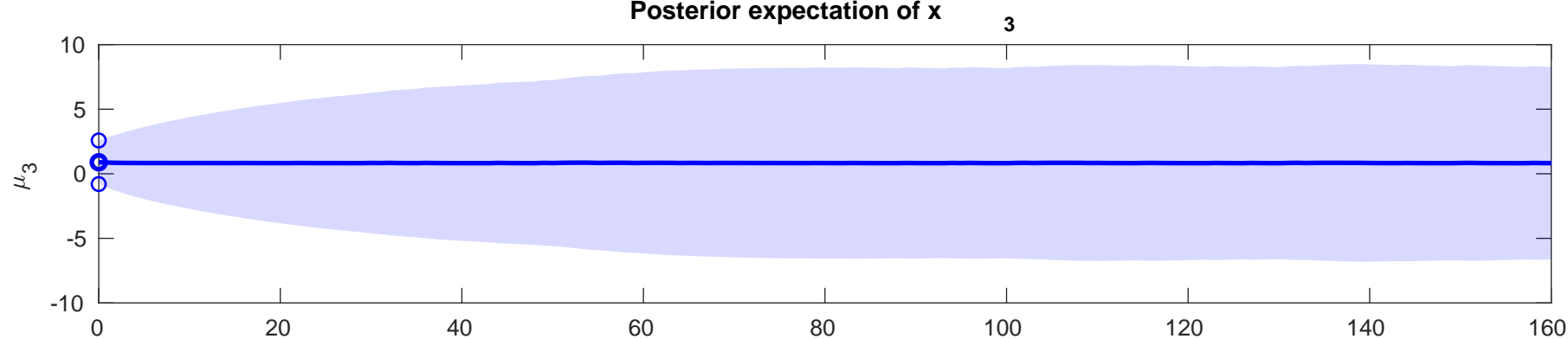
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.8366$



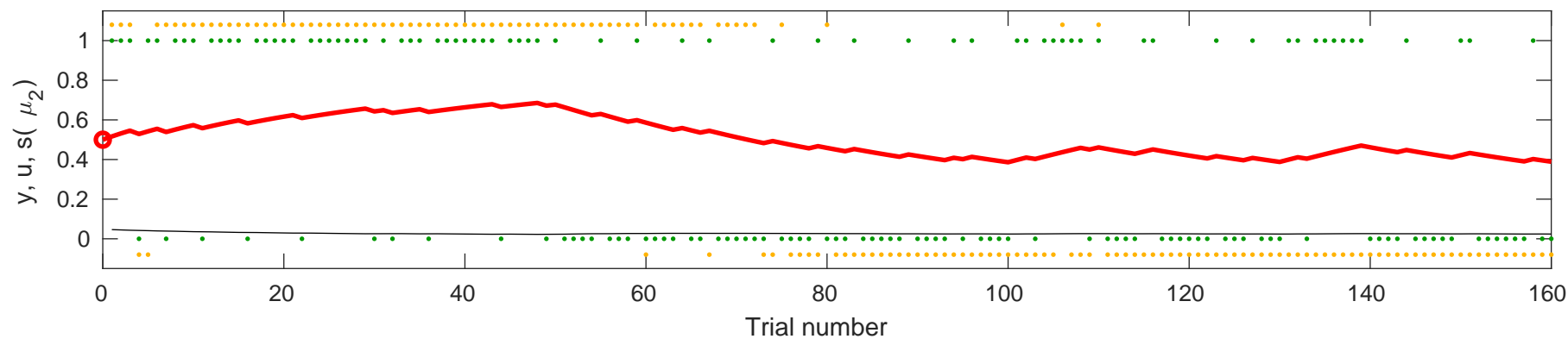


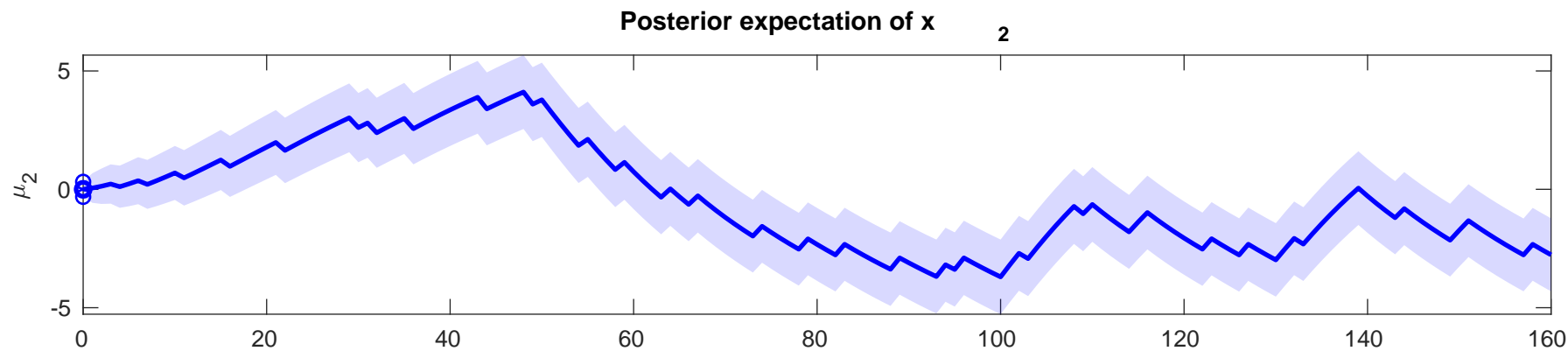
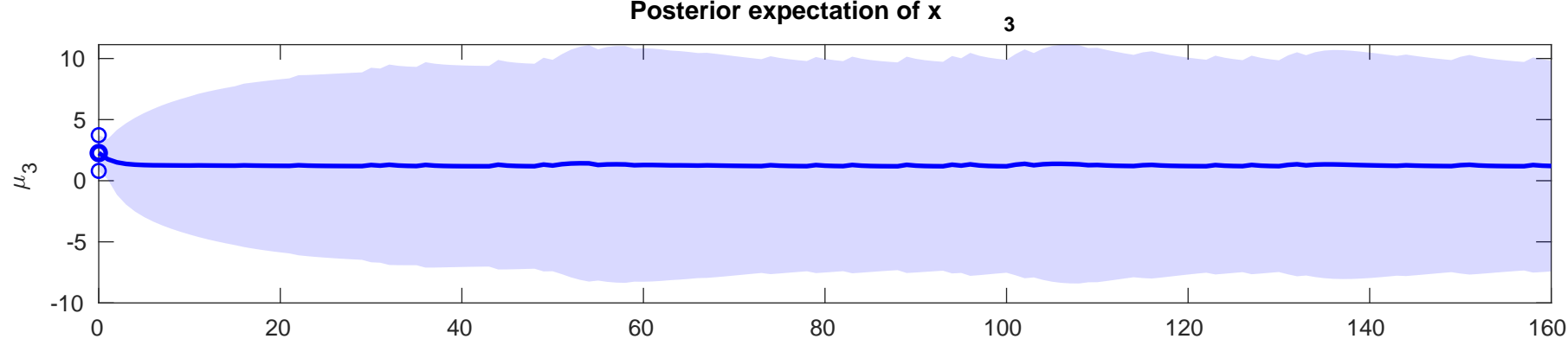
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.3931$





output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-7.4071$





se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.4912$

