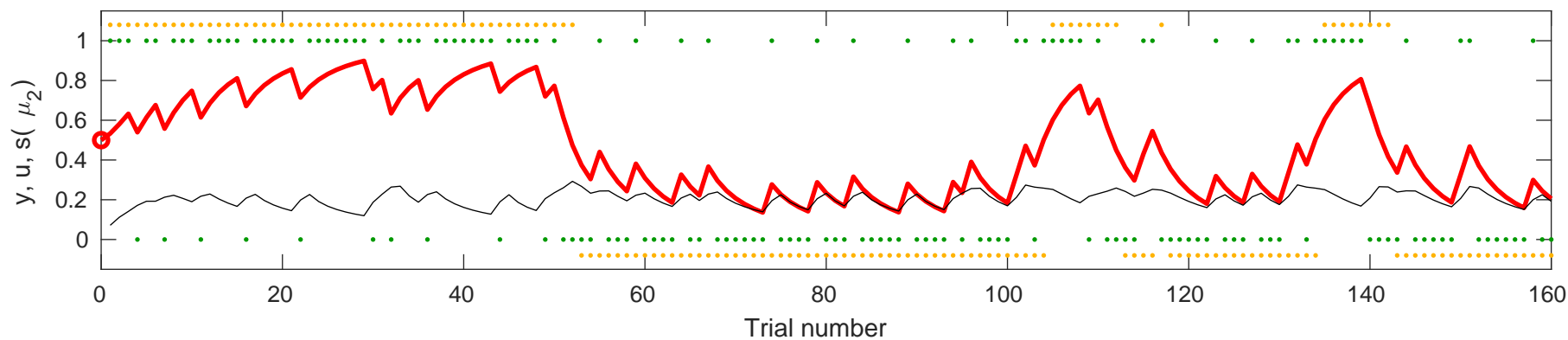
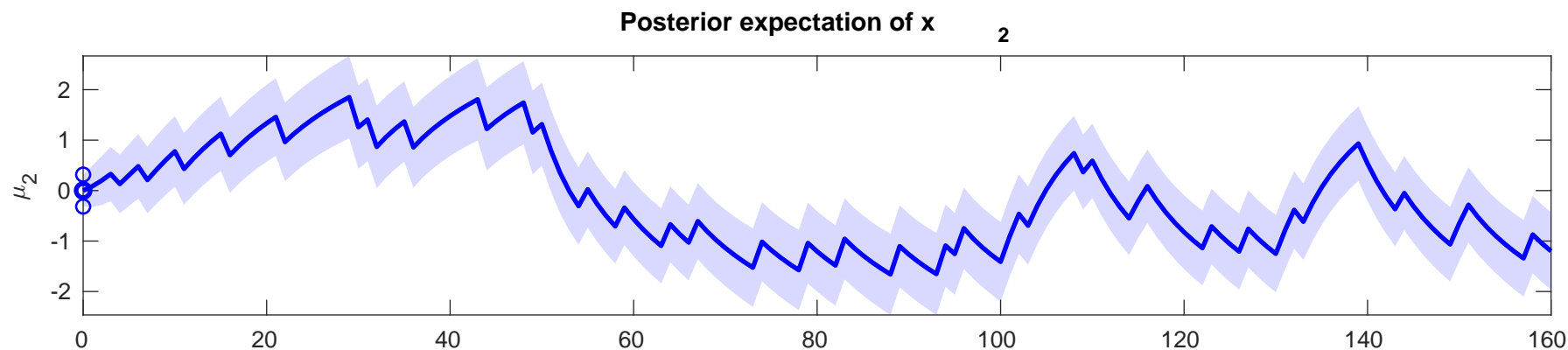
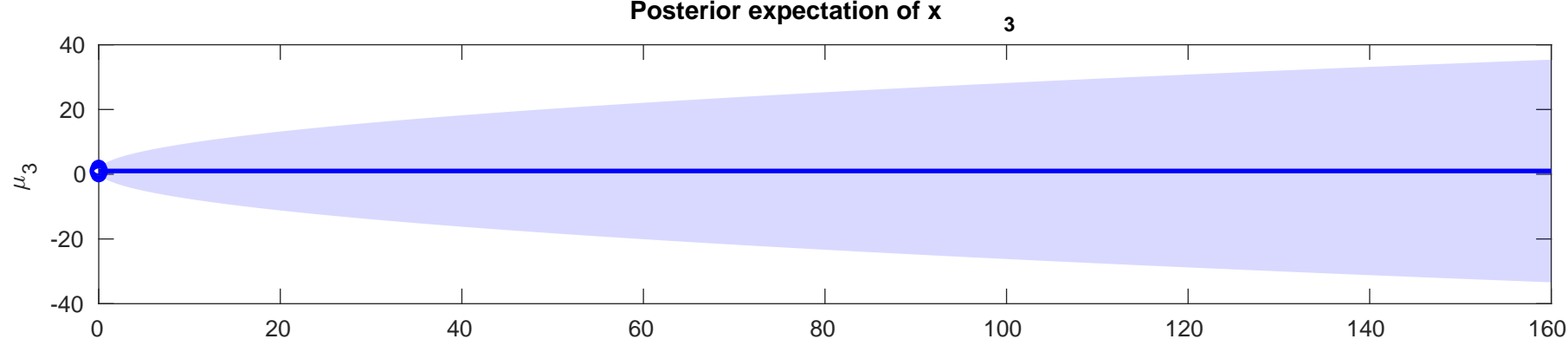
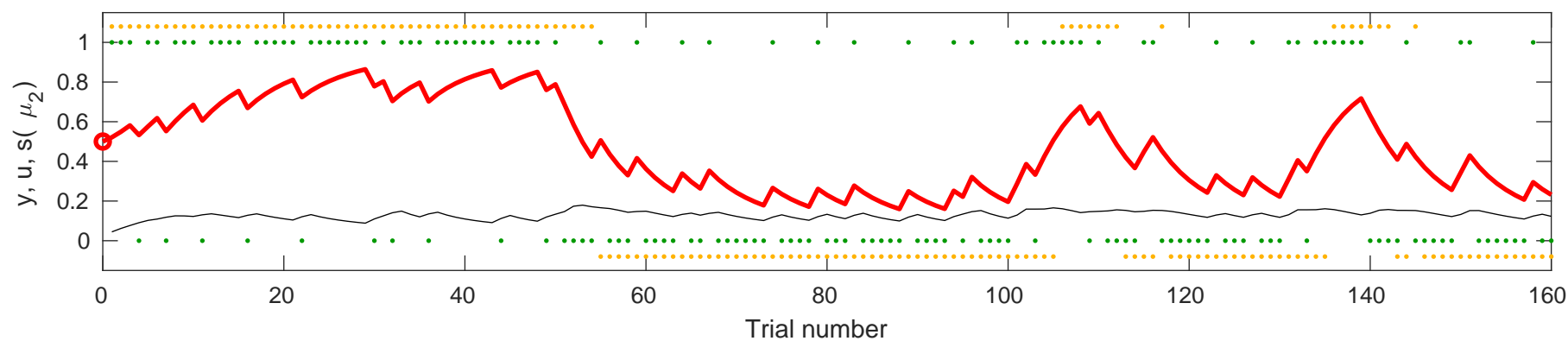


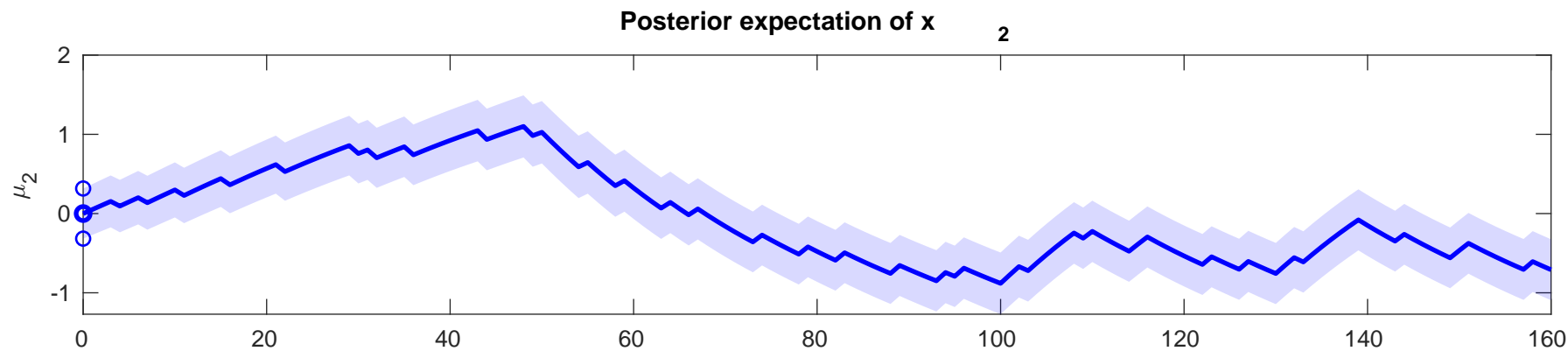
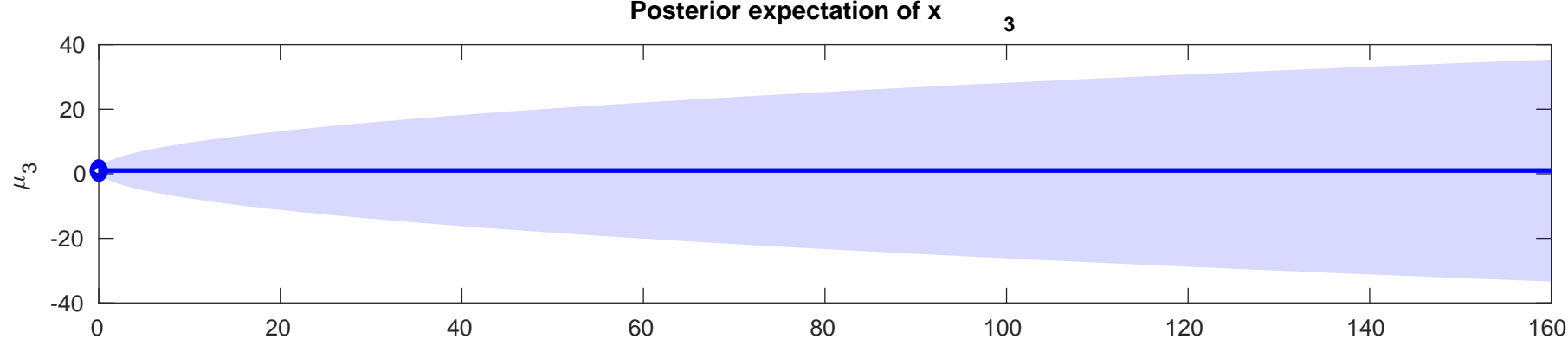
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.6791$





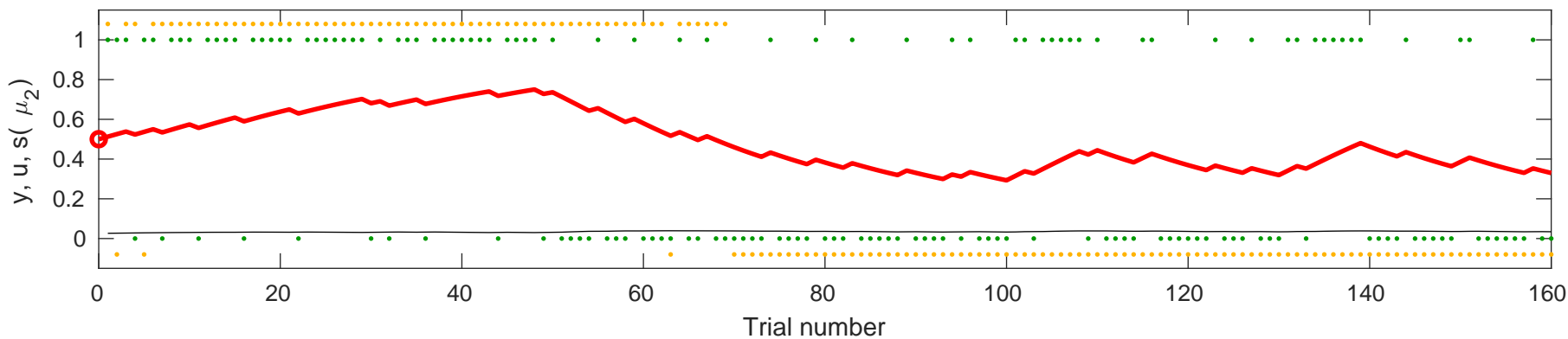
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.5505$

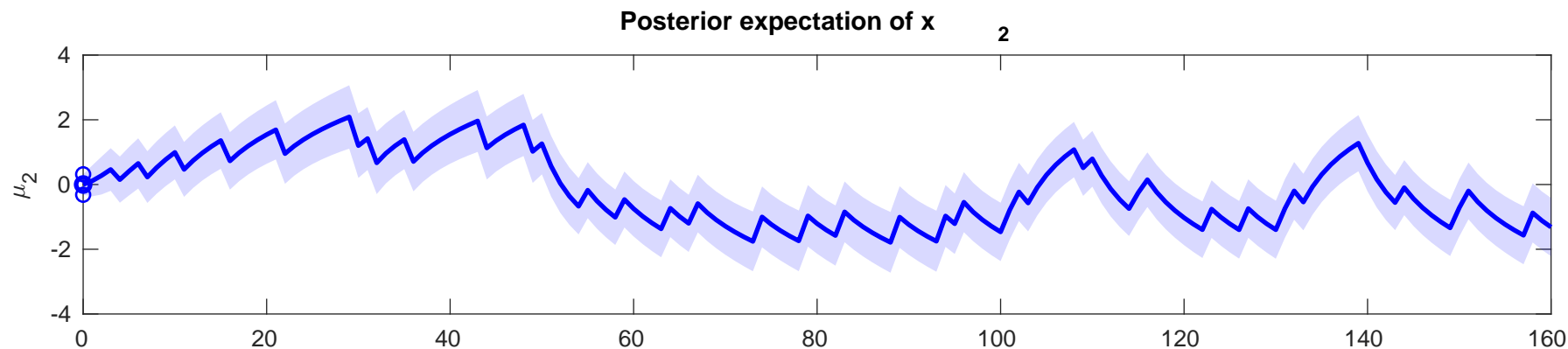




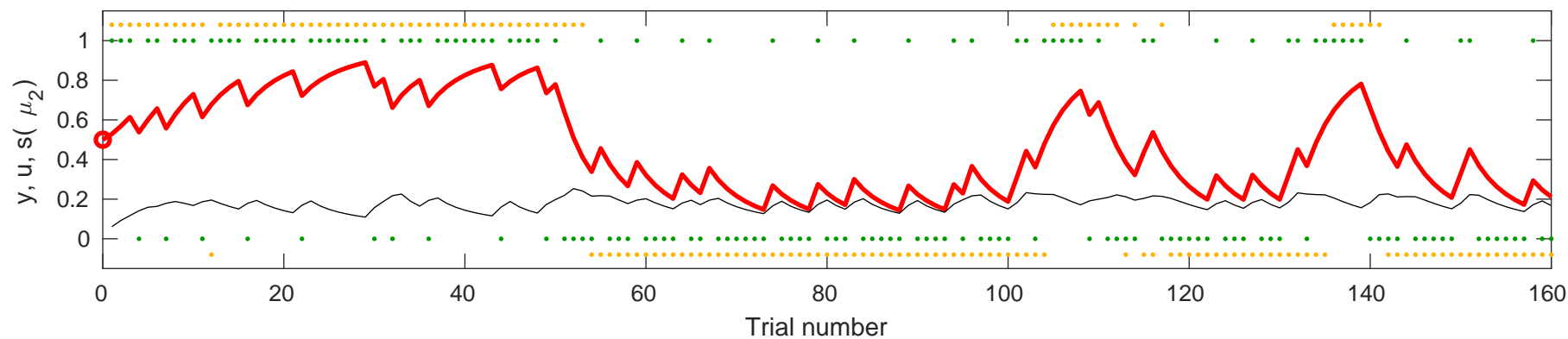
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ (

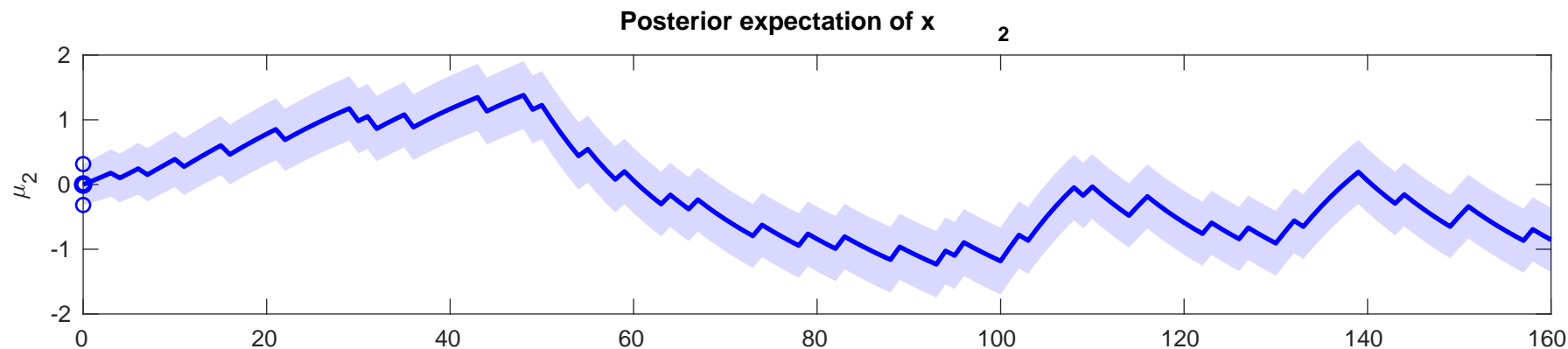
$\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-5.2336$



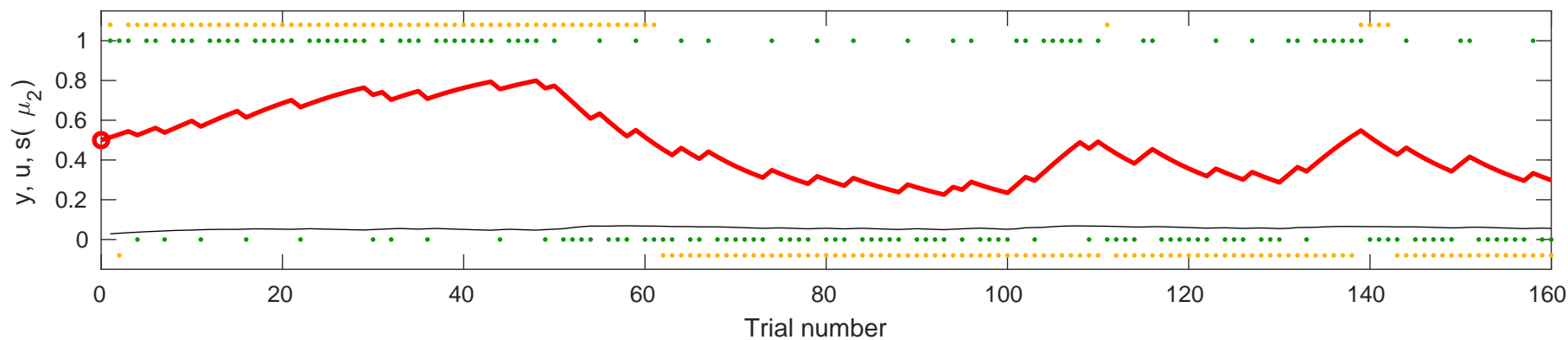


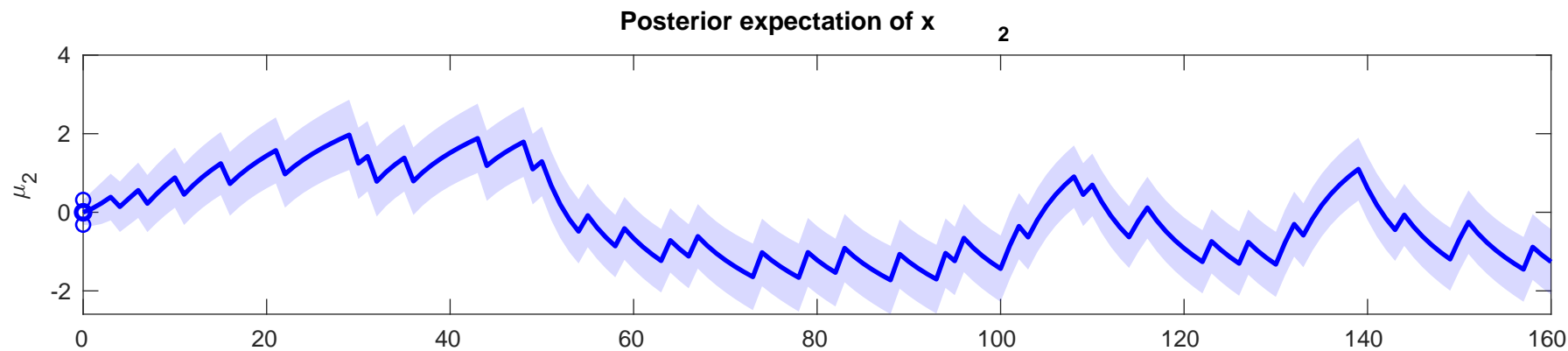
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.9382$



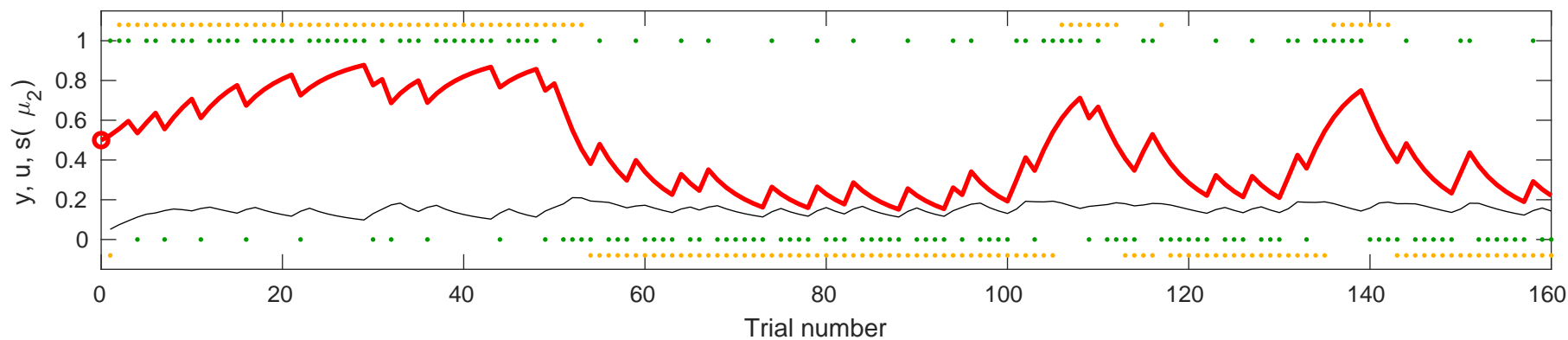


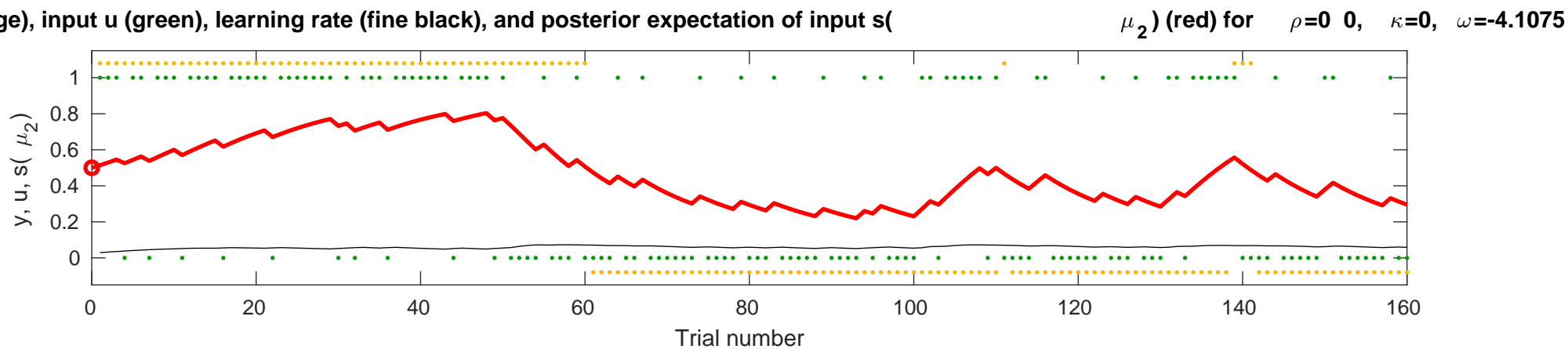
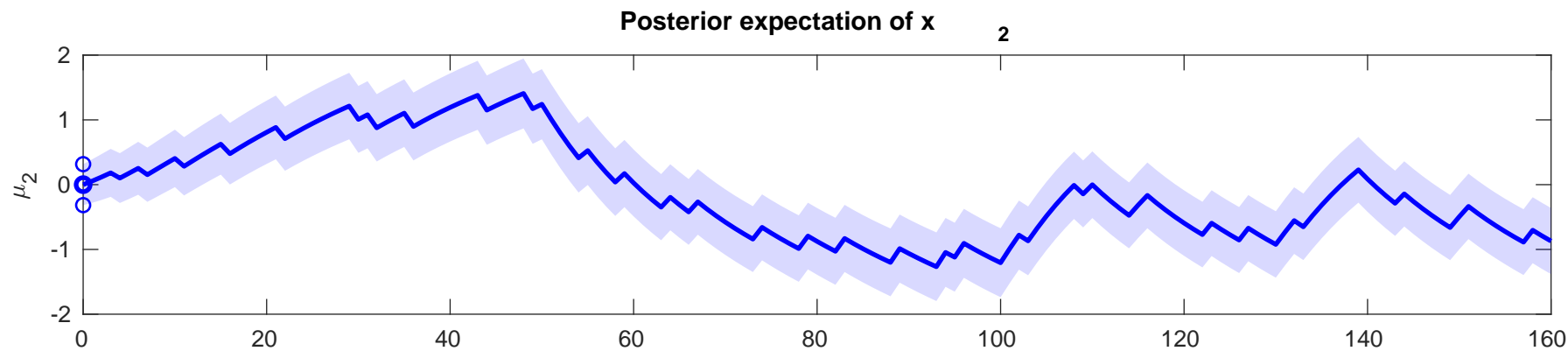
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-4.2092$

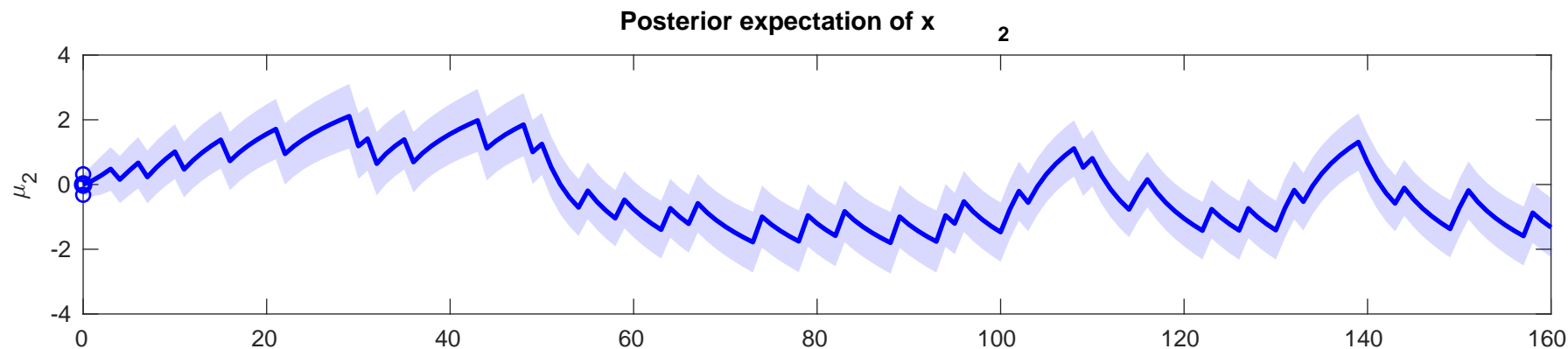




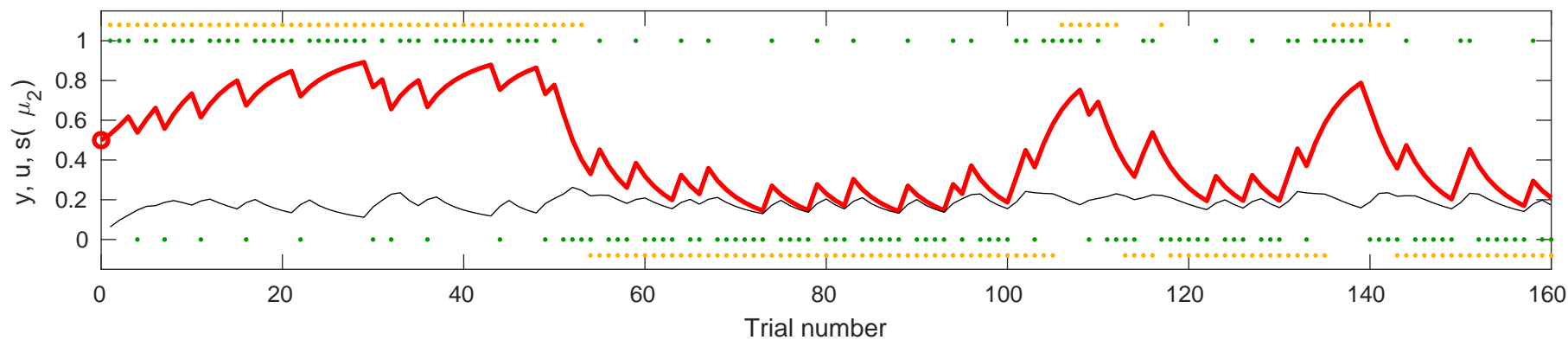
onse  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.247$



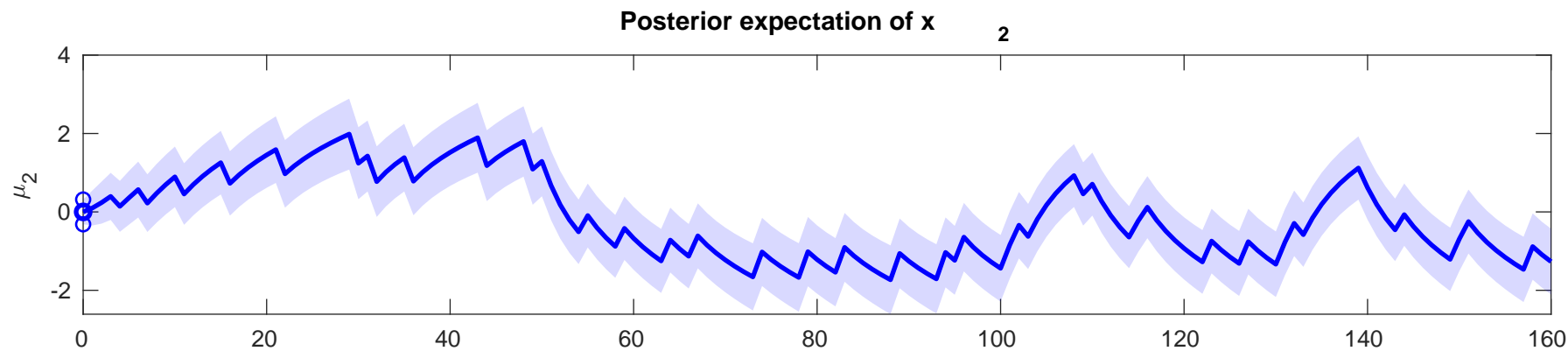




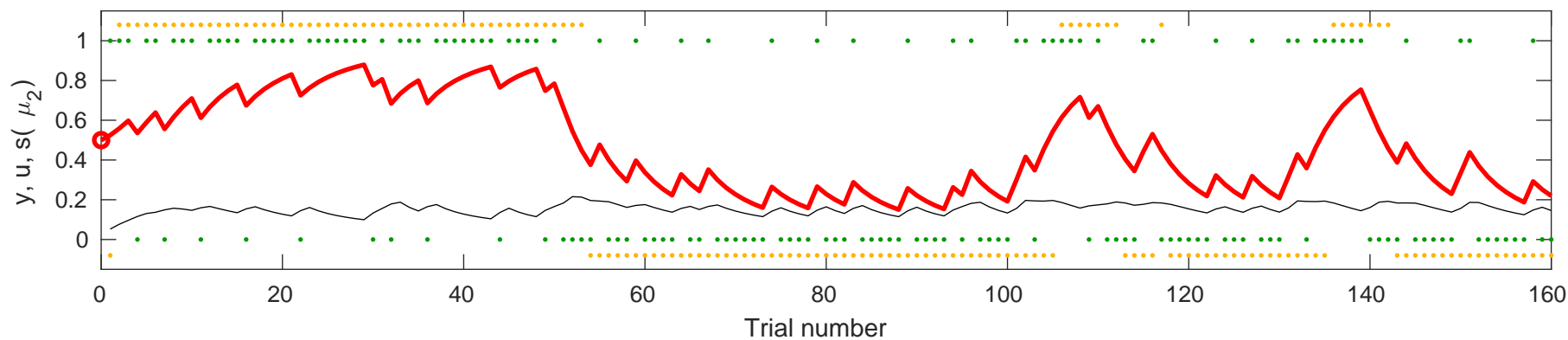
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.8763$

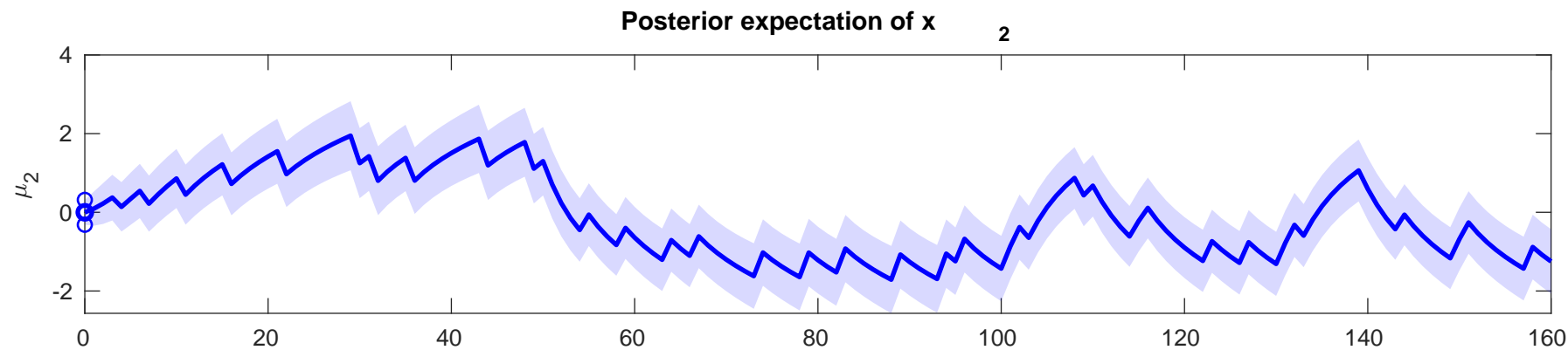
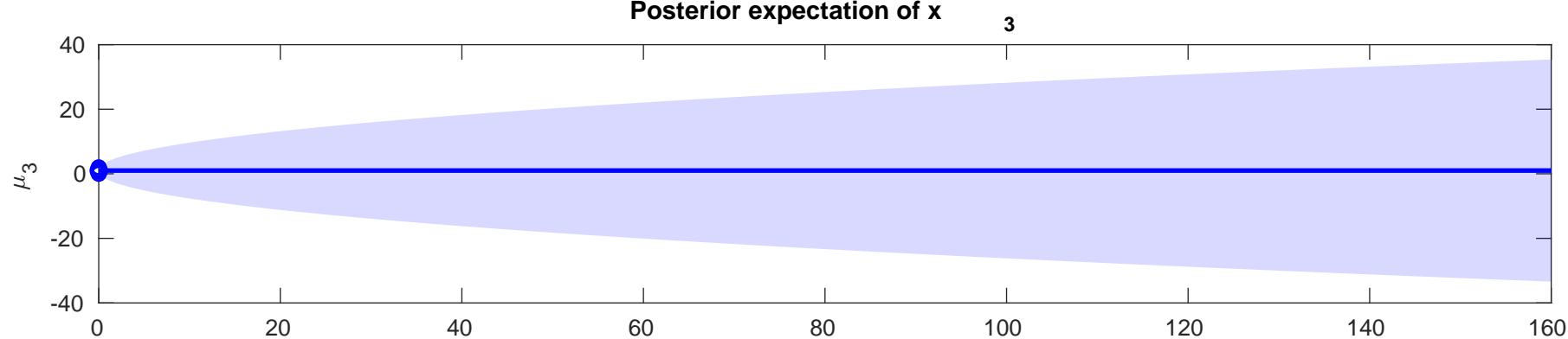




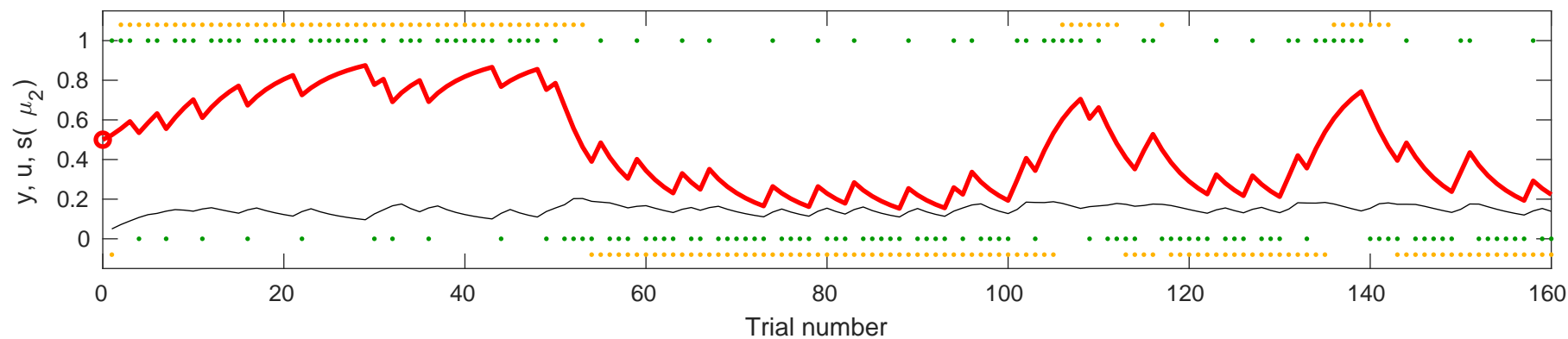


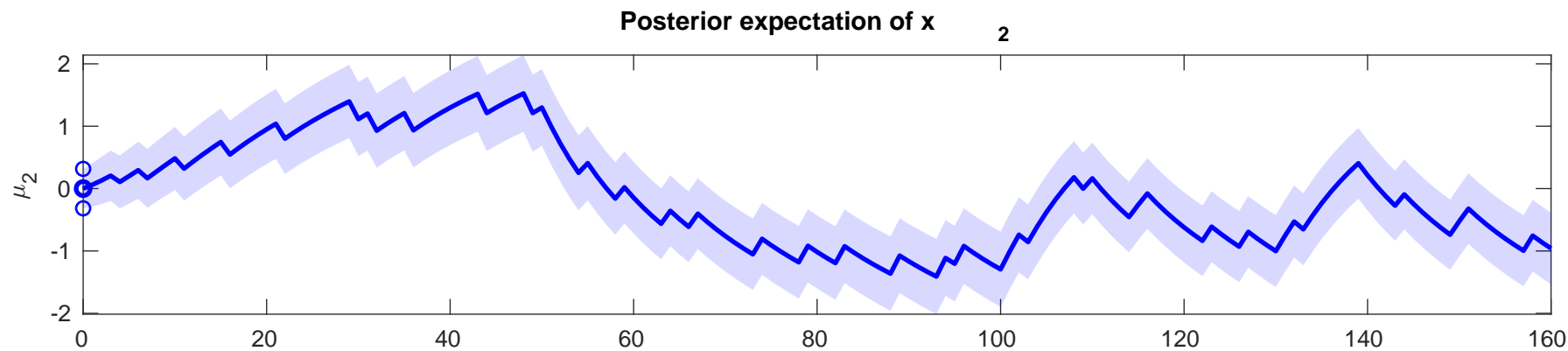
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.2095$



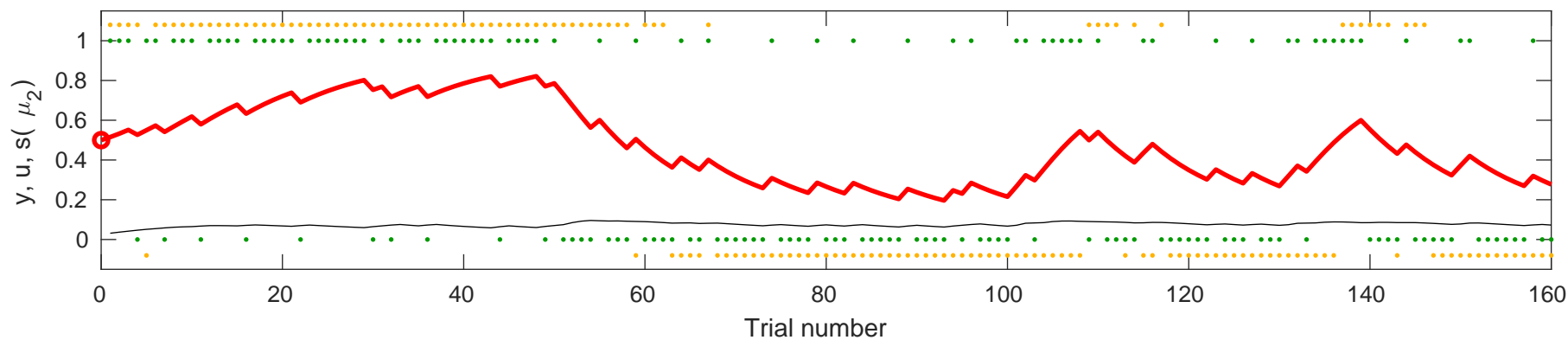


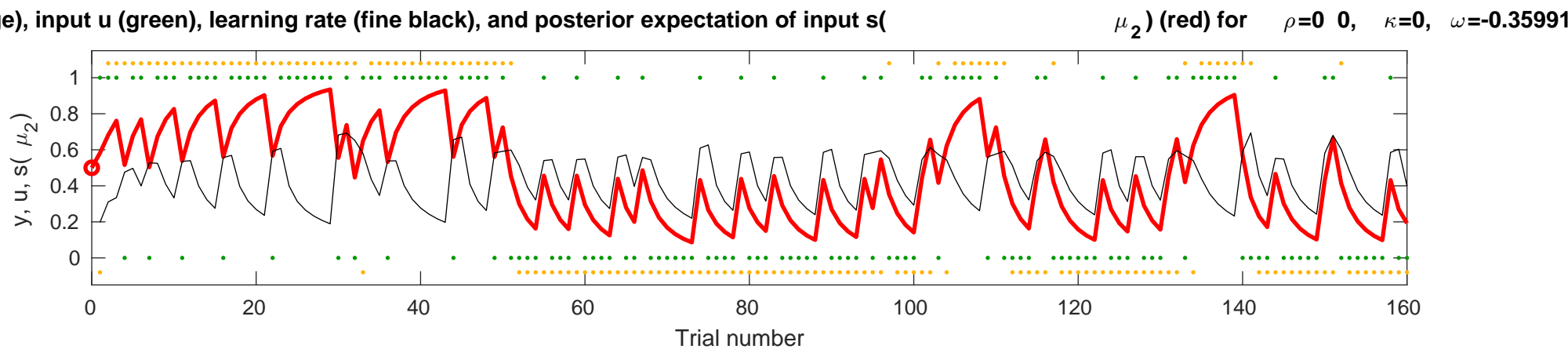
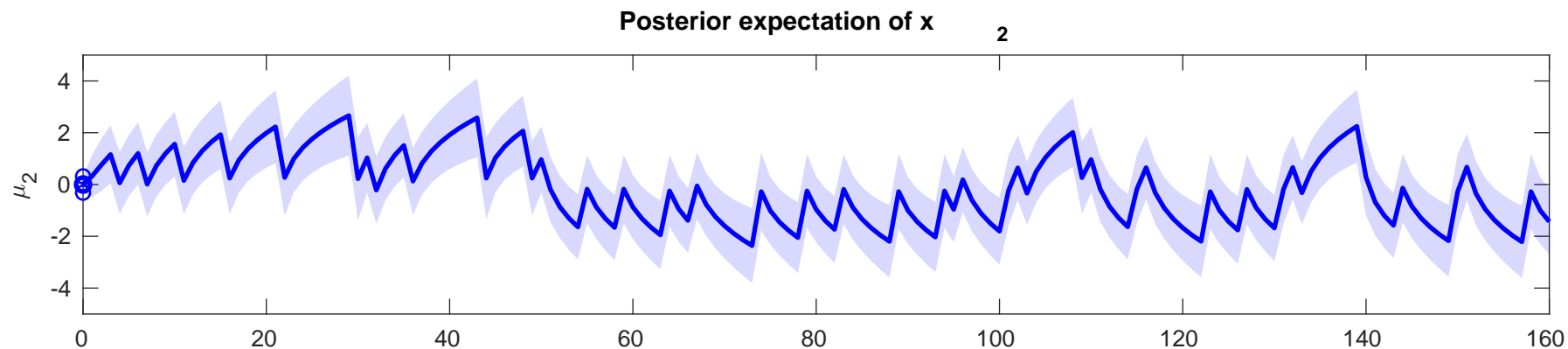
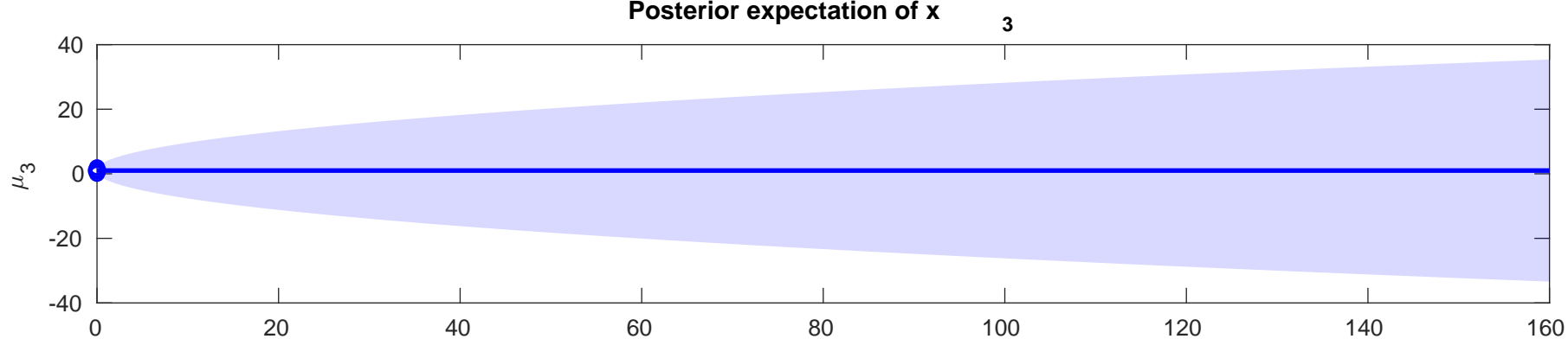
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.3092$

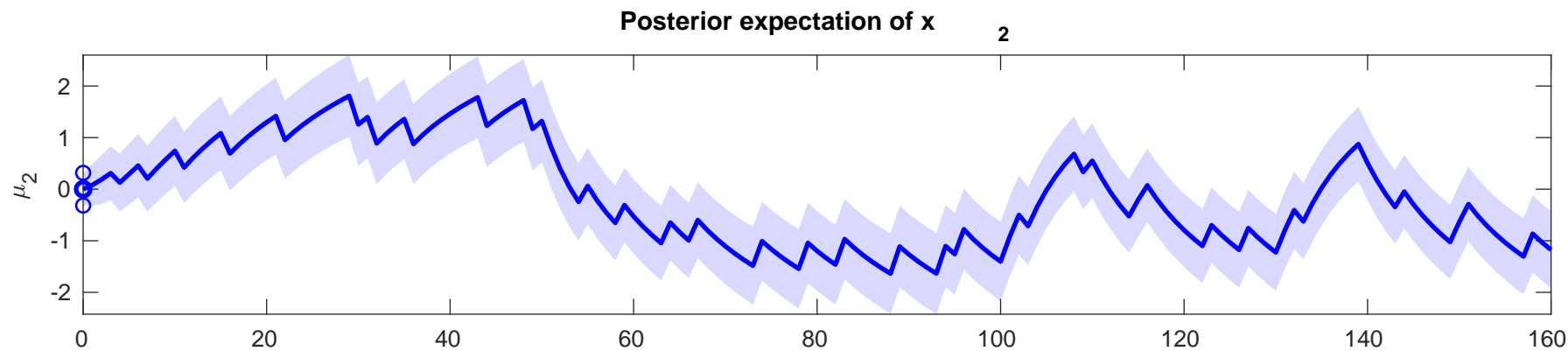
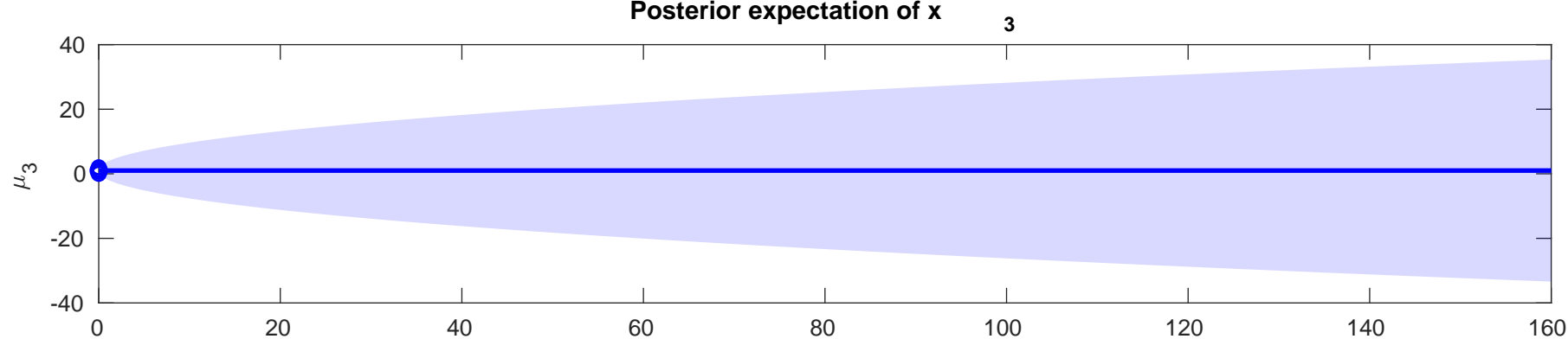




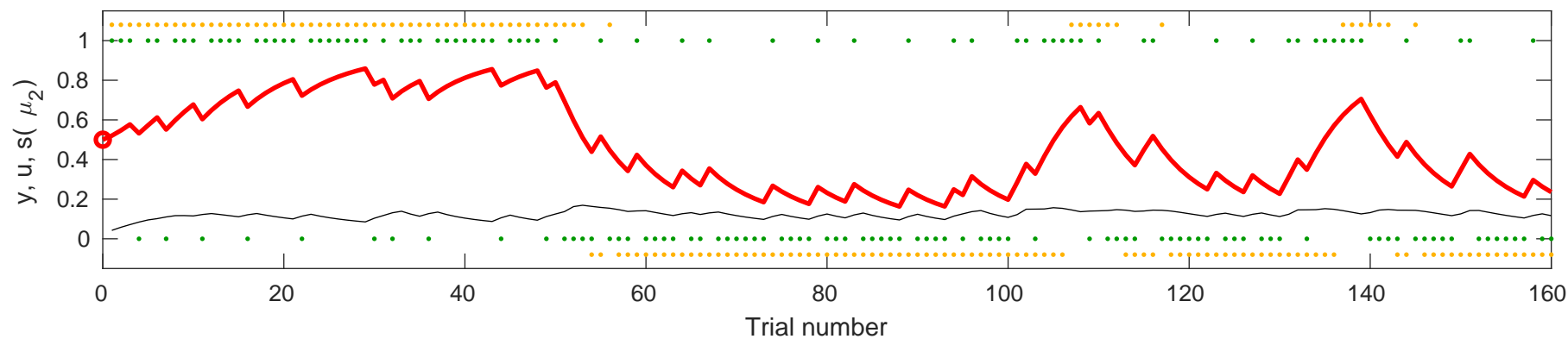
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.6471$

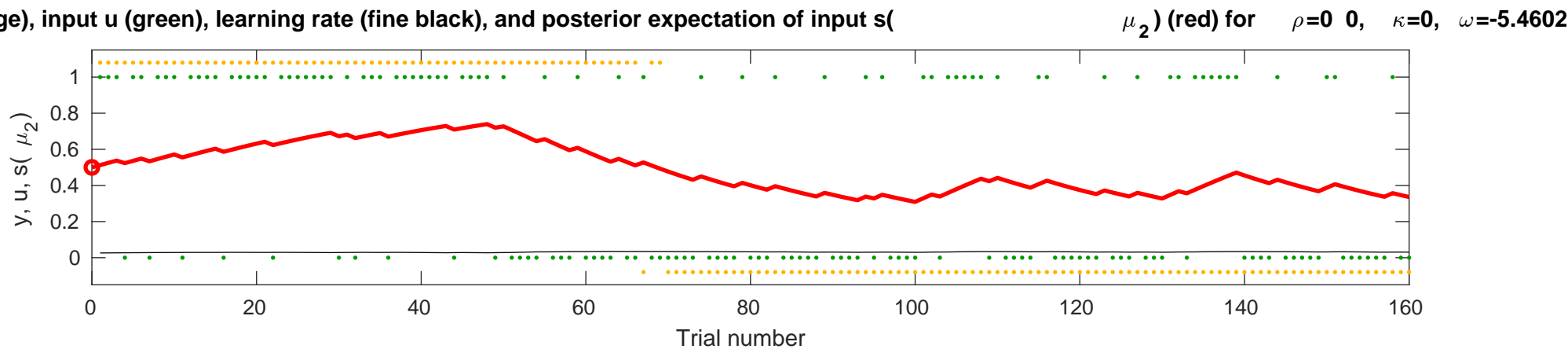
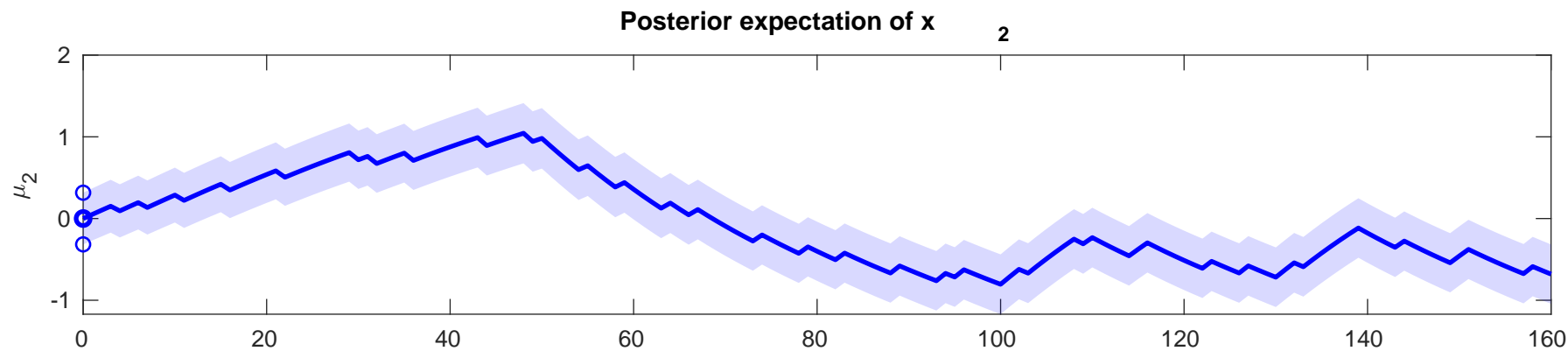


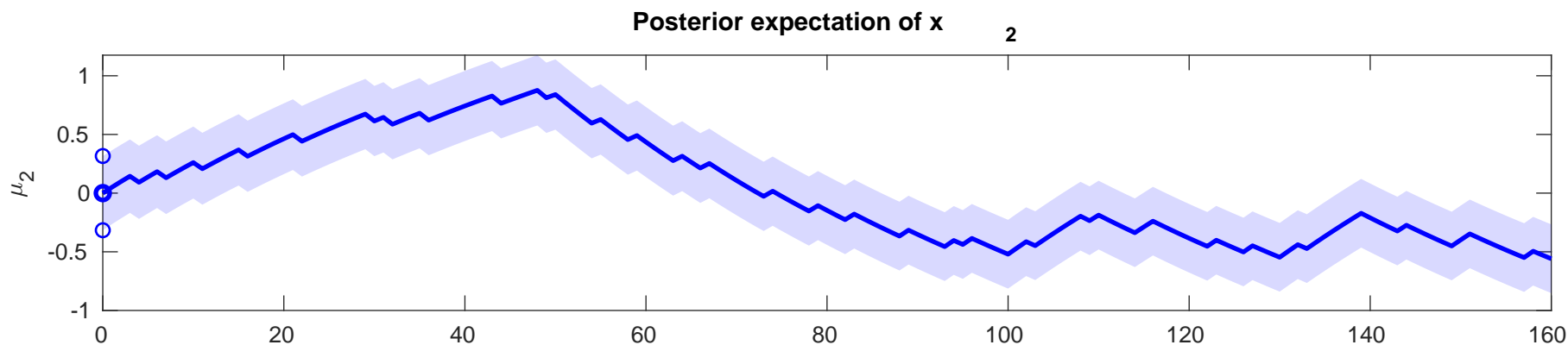
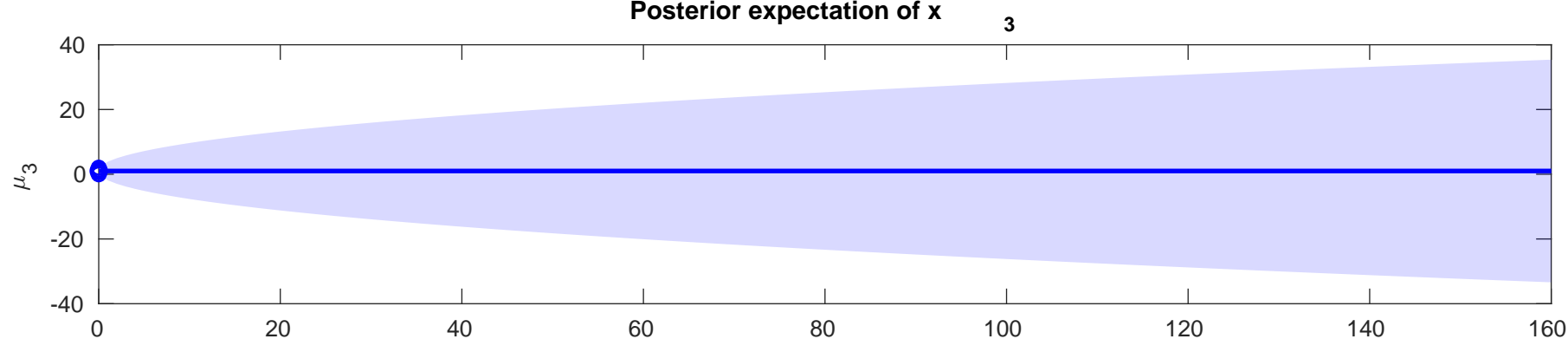




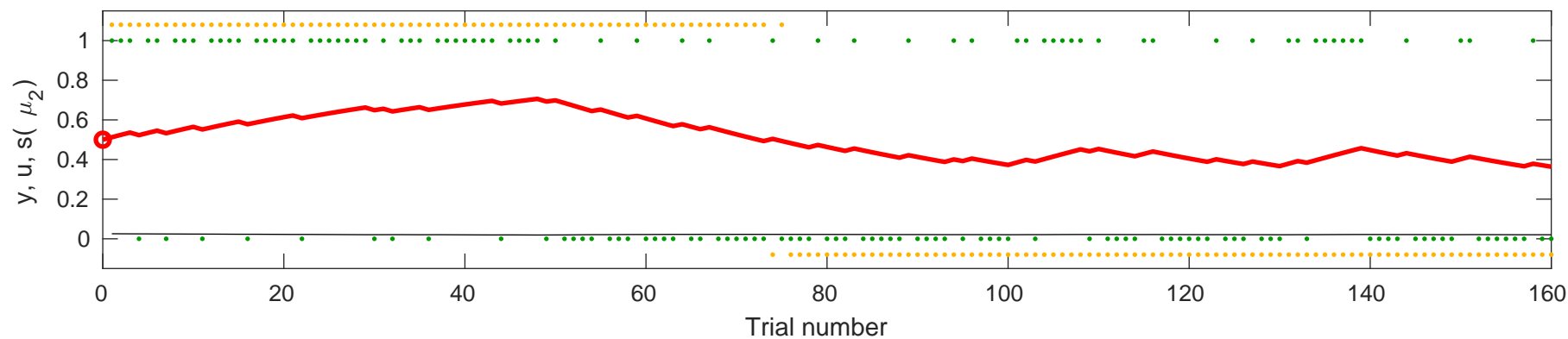
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.6569$





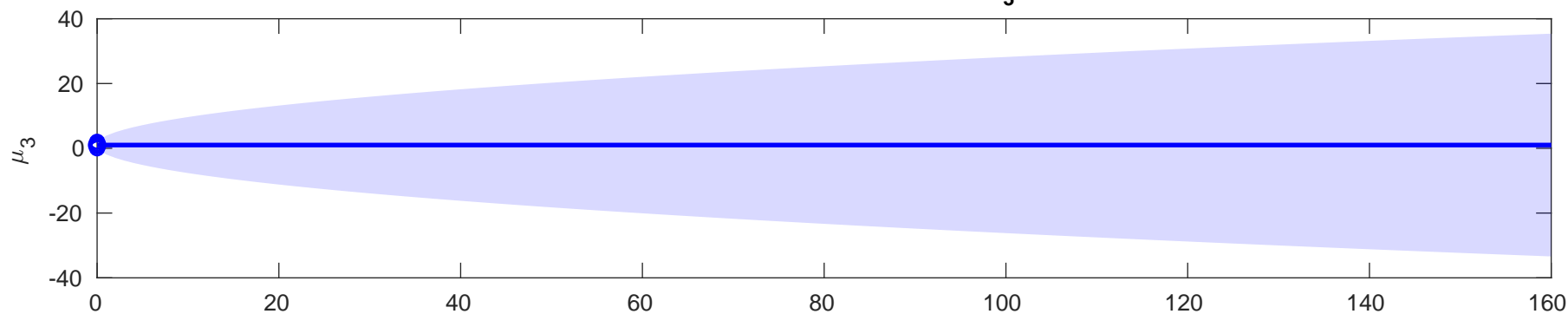


Posterior expectation of  $x_2$  (red), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  (orange) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-6.3179$

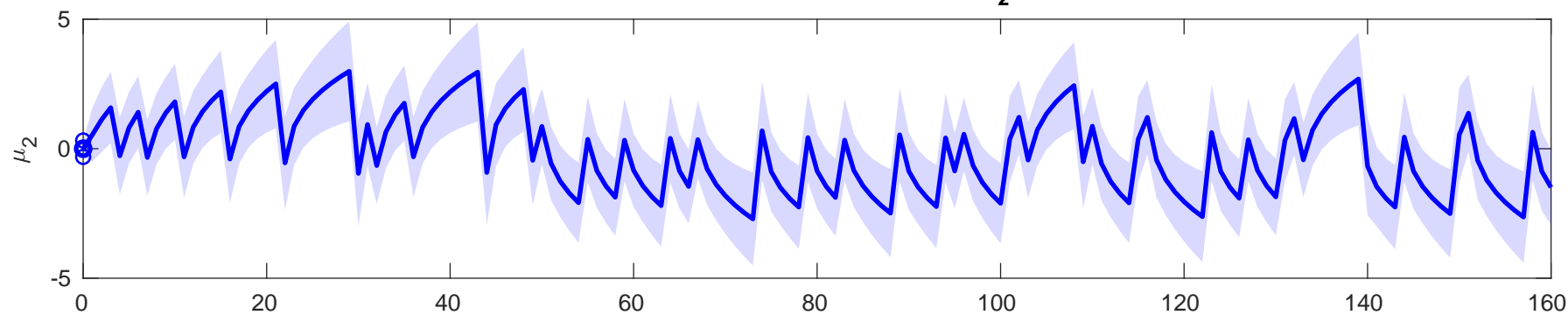
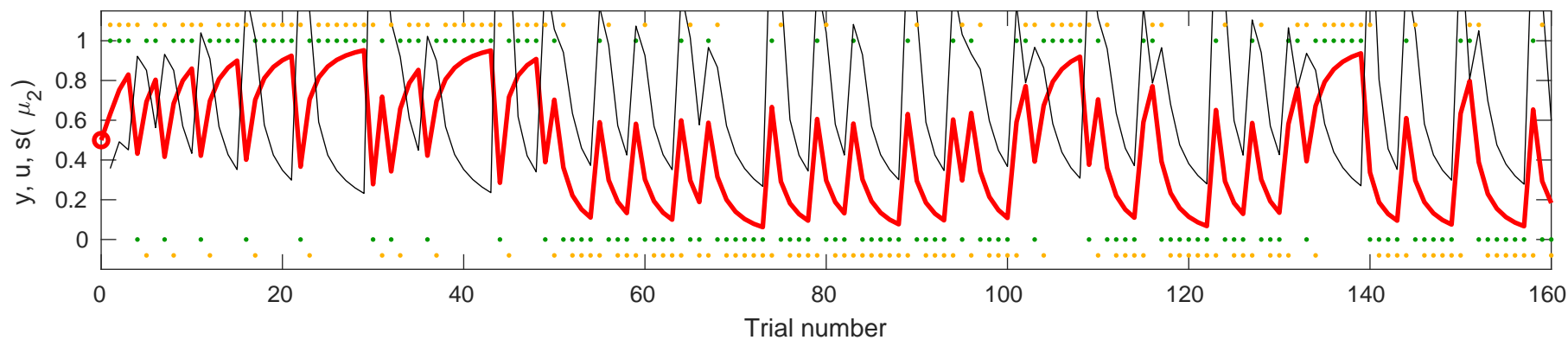


Posterior expectation of  $x$ 

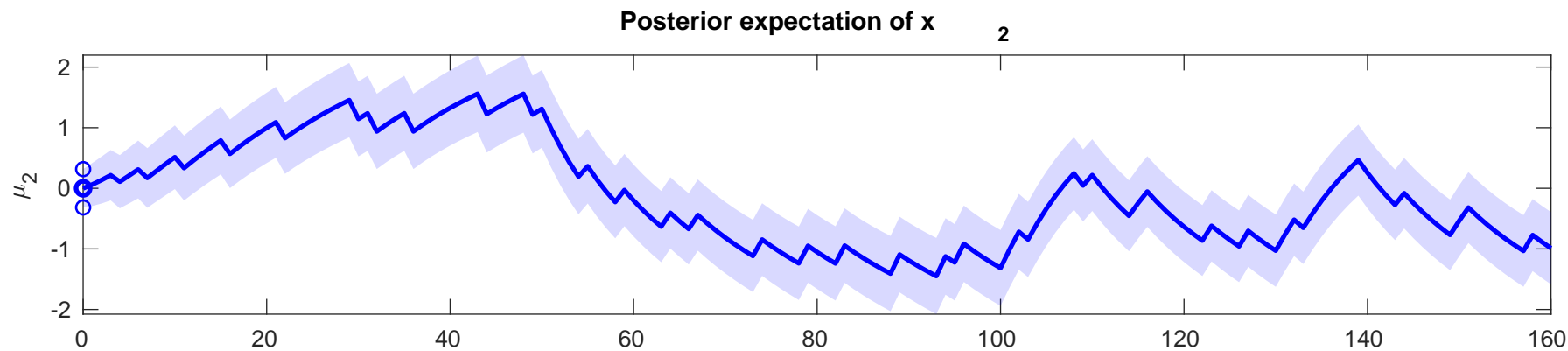
3

Posterior expectation of  $x$ 

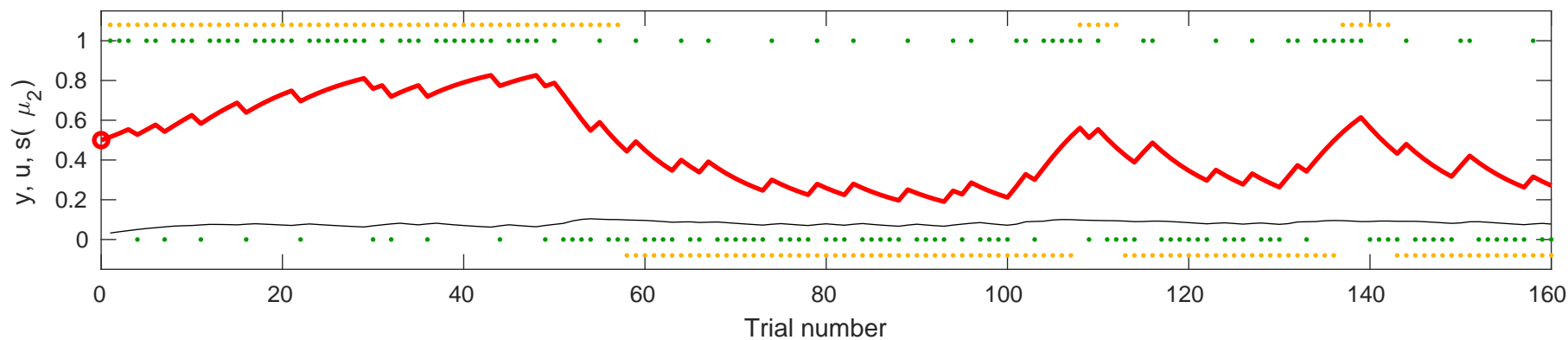
2

Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=0.31963$ 



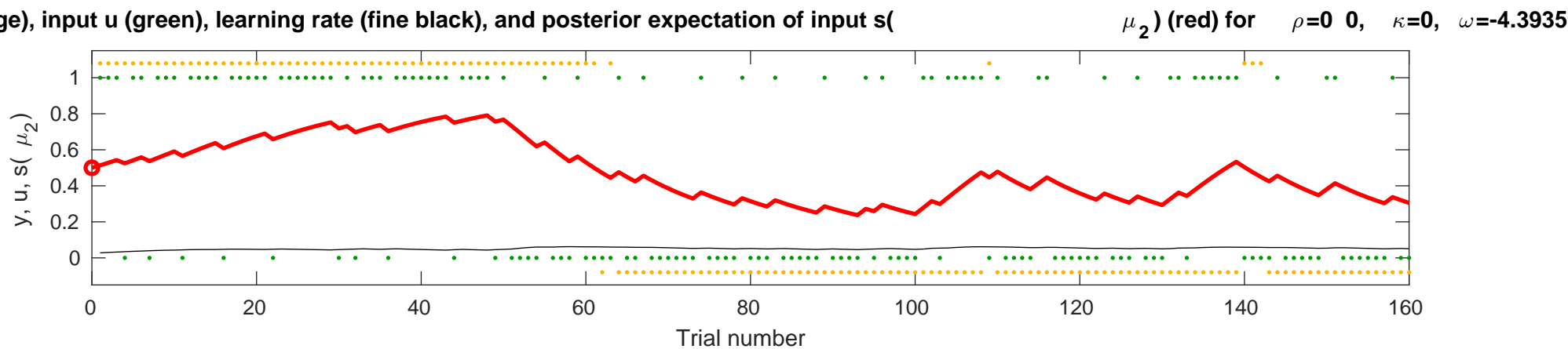
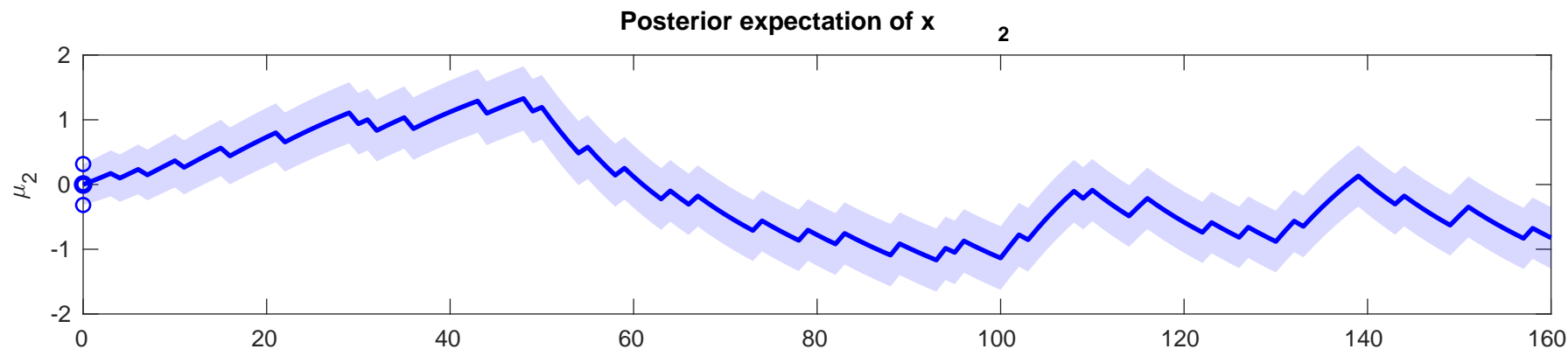


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.5062$



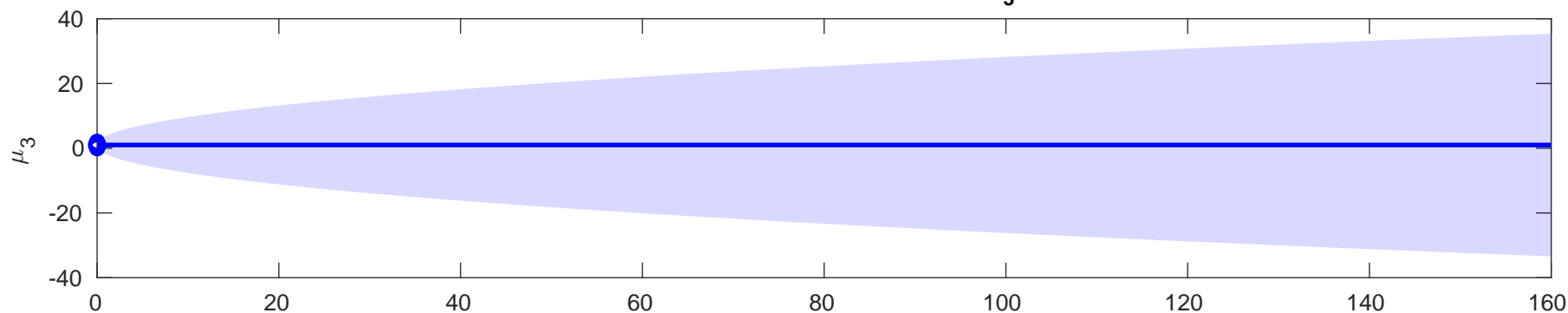






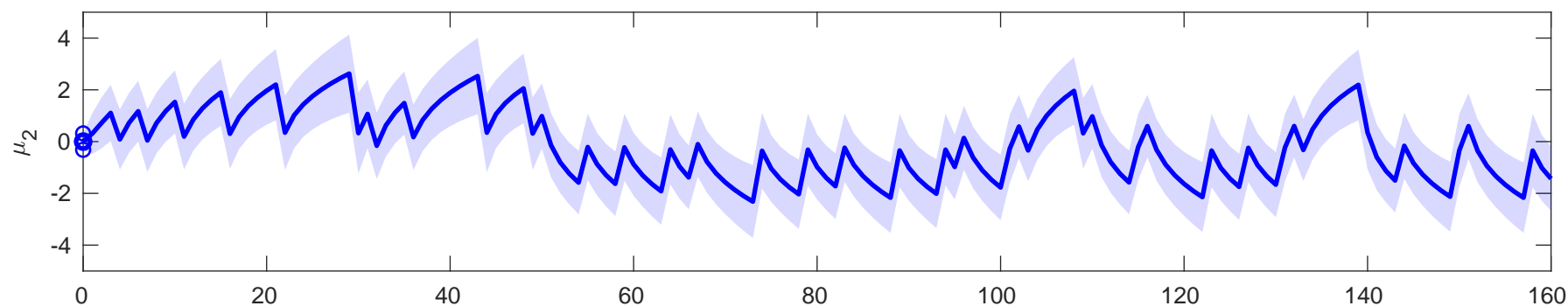
Posterior expectation of  $x$

3

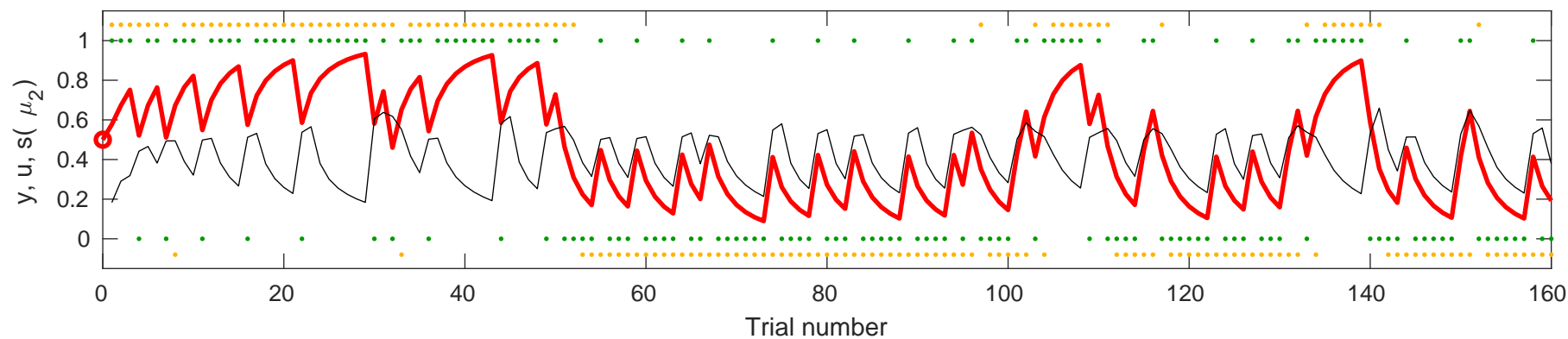


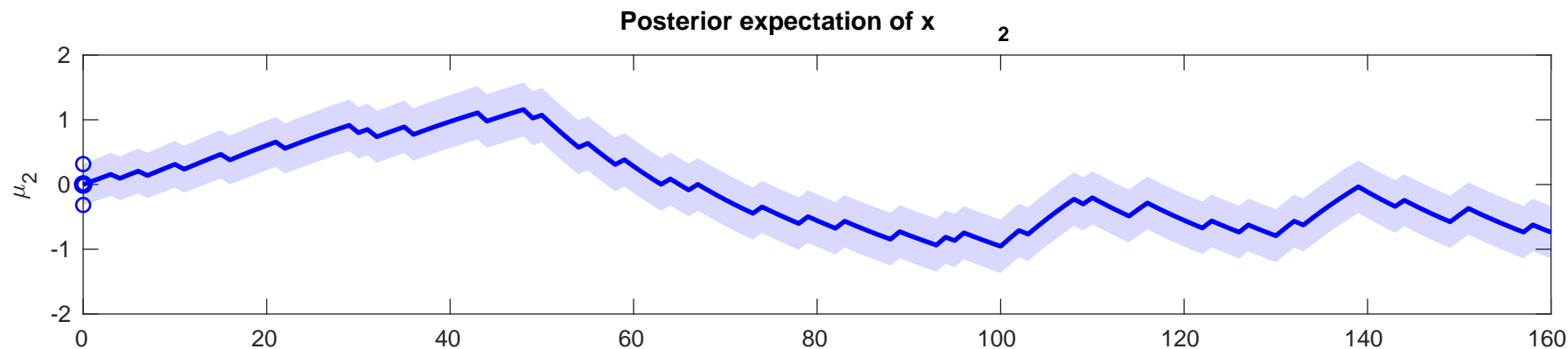
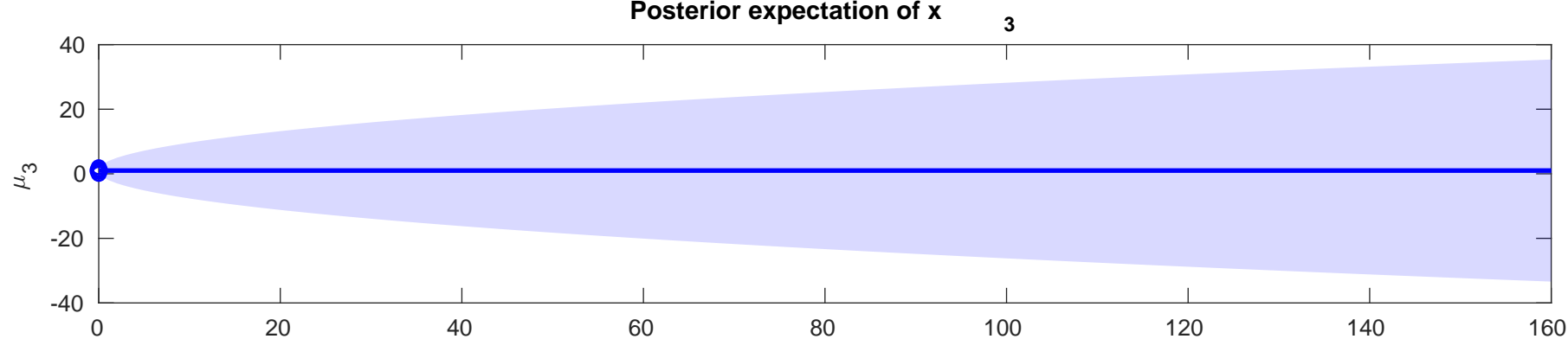
Posterior expectation of  $x$

2

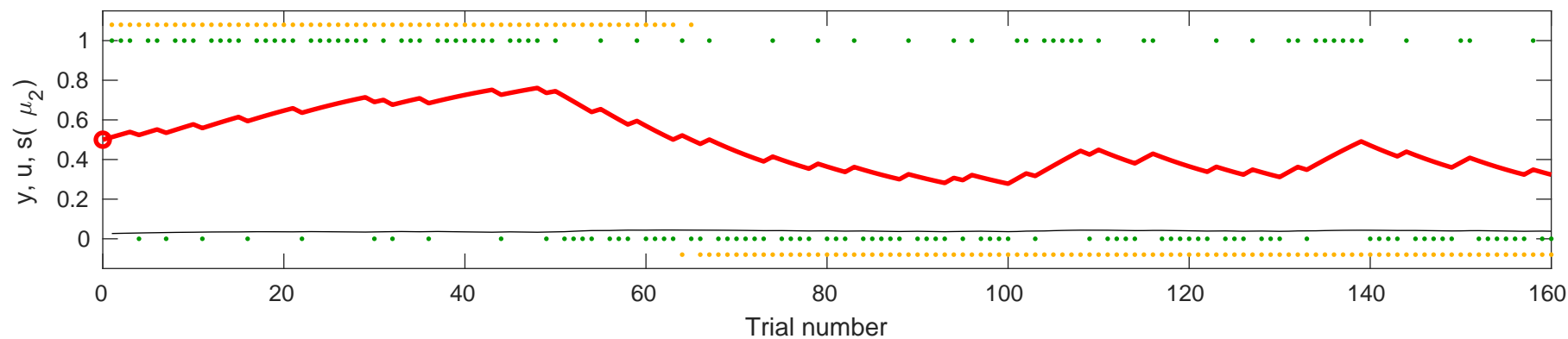


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-0.44878$



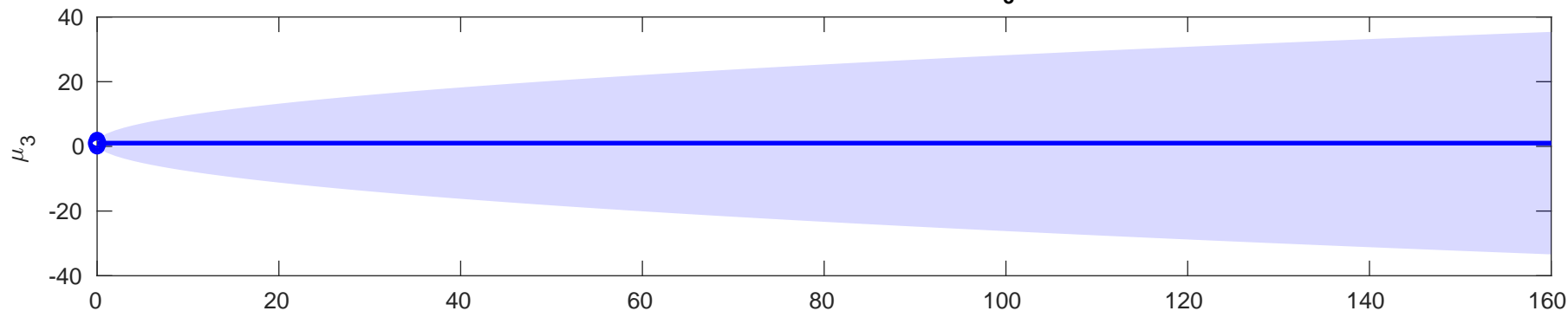


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$  ) (red) for  $\rho=0$  0,  $\kappa=0$ ,  $\omega=-5.0094$



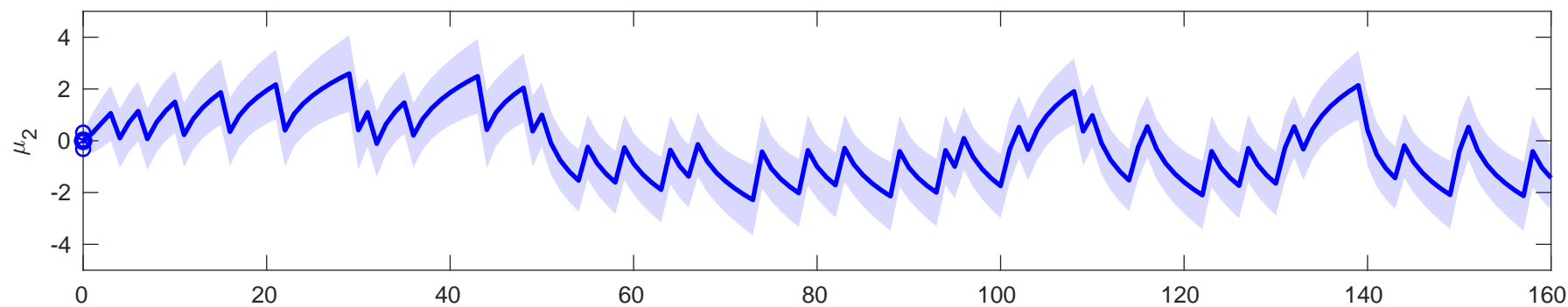
Posterior expectation of  $x$

3

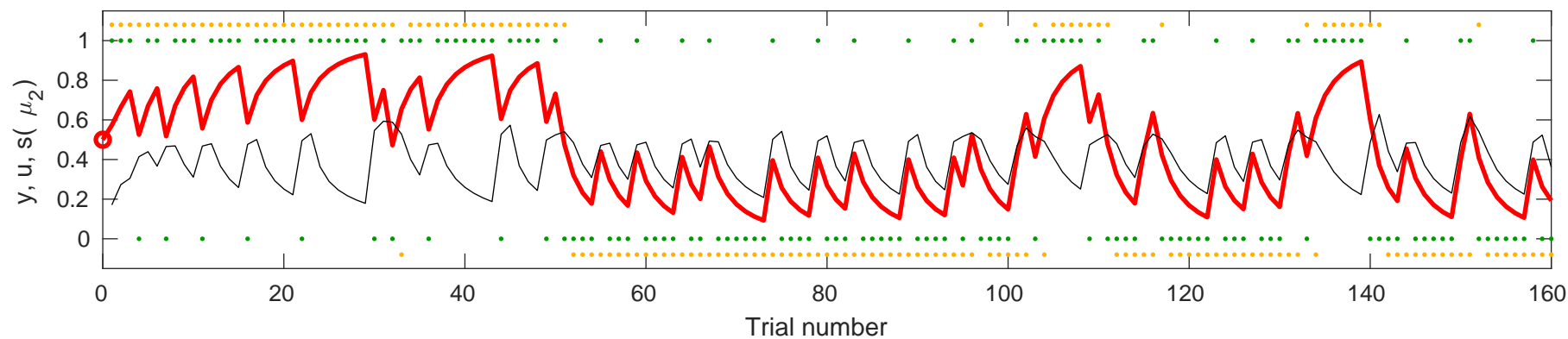


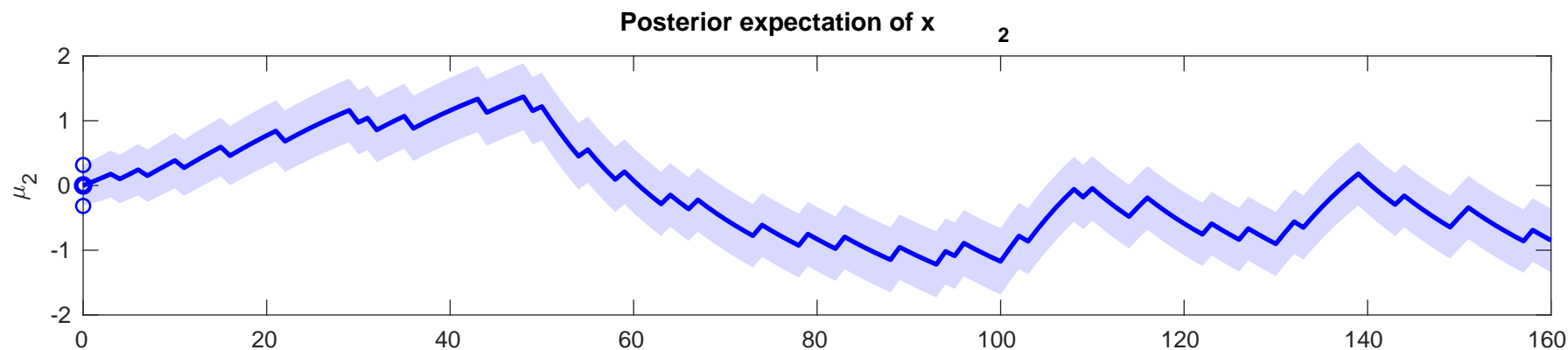
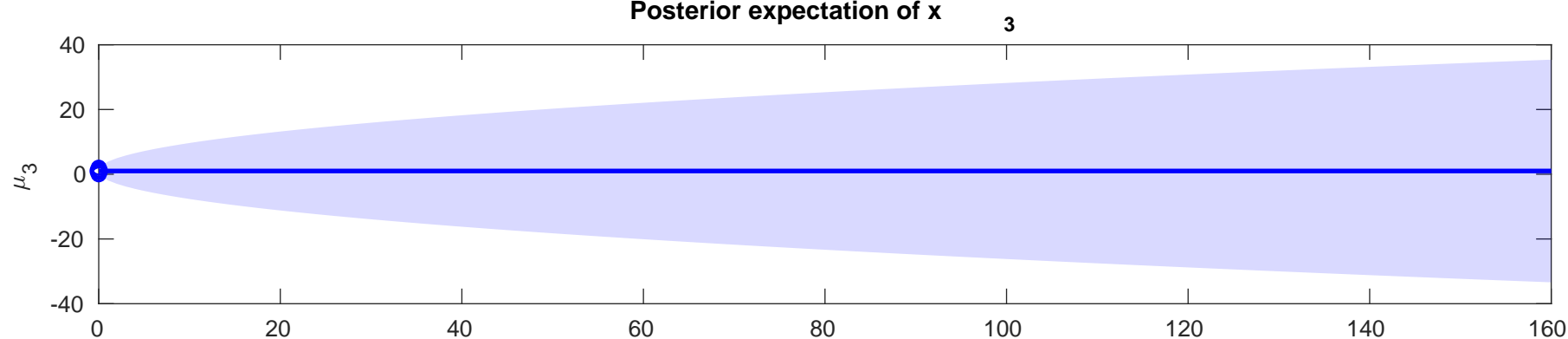
Posterior expectation of  $x$

2

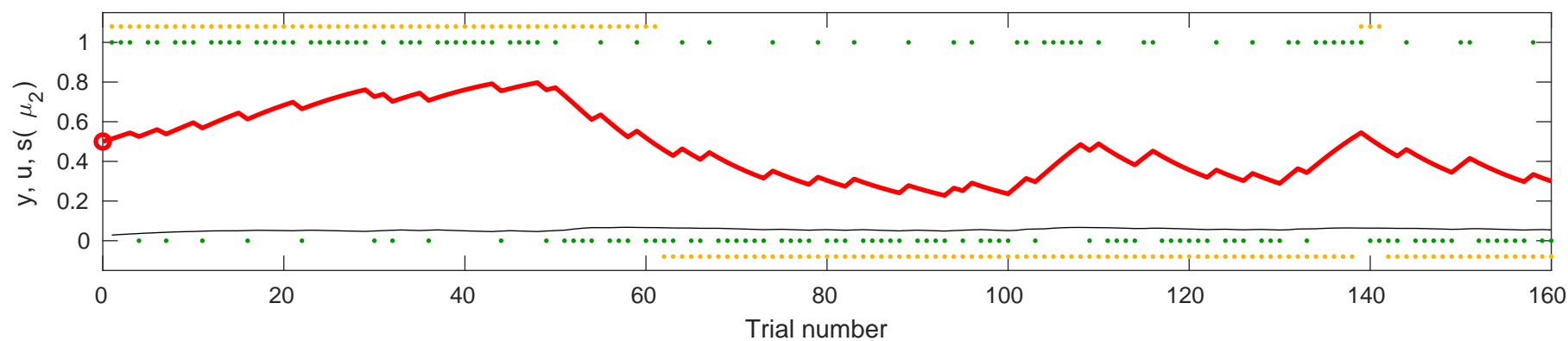


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=0$ ,  $\omega=-0.52837$

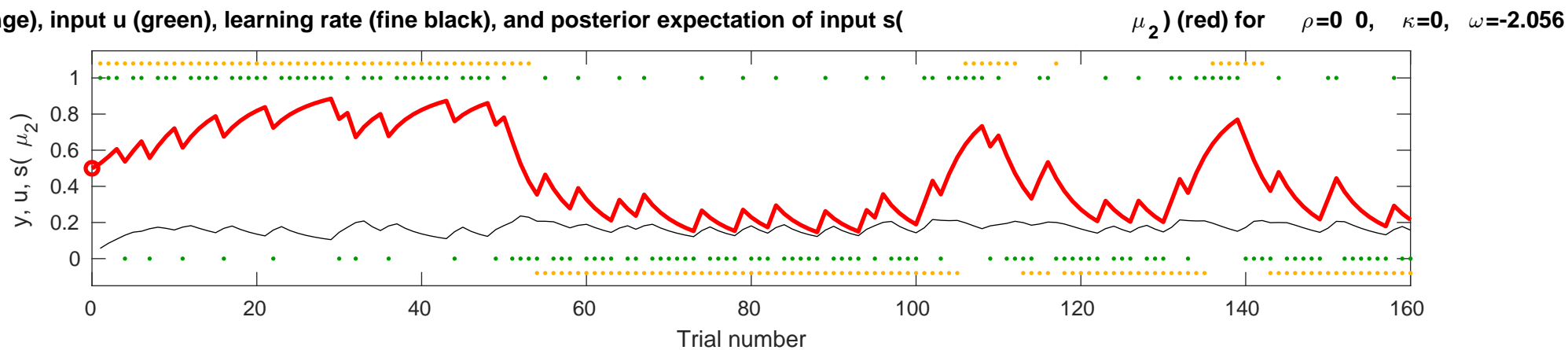
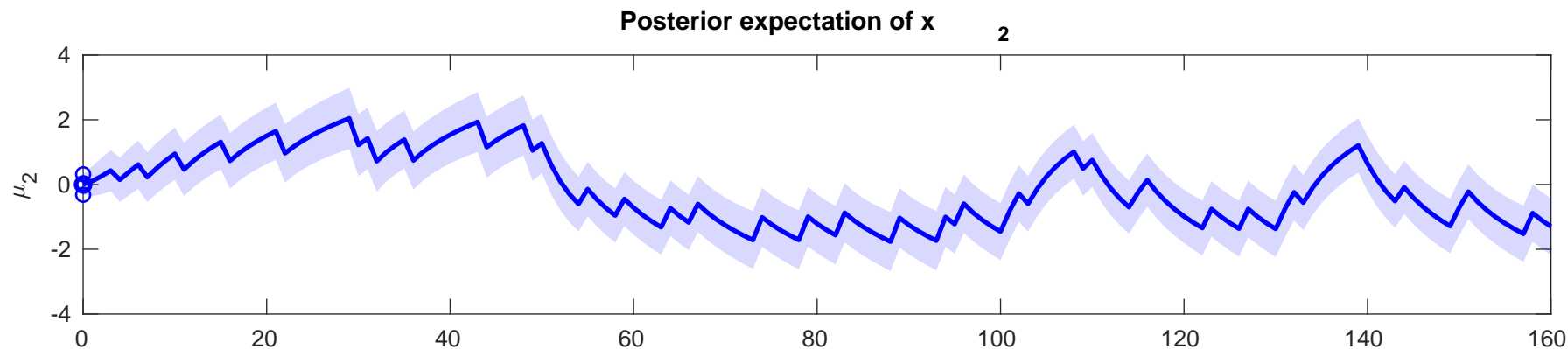




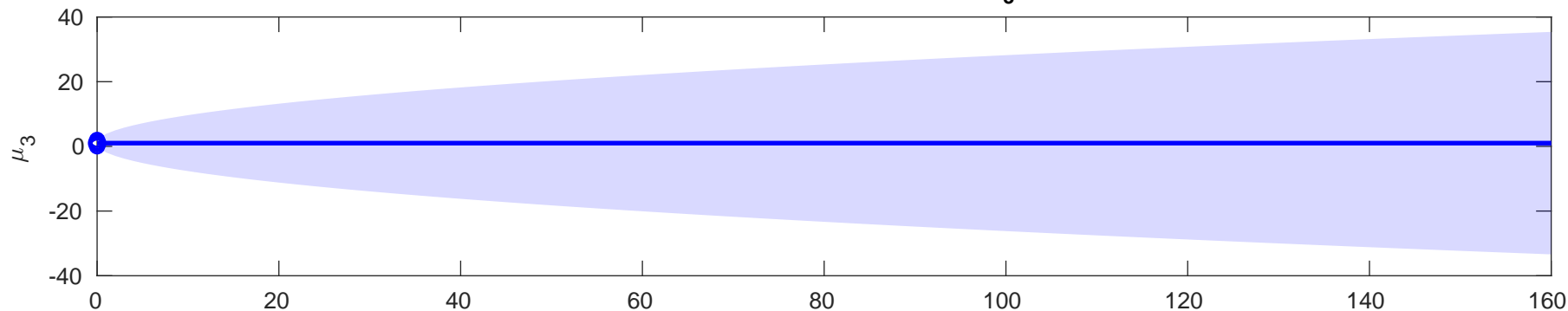
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-4.2475$



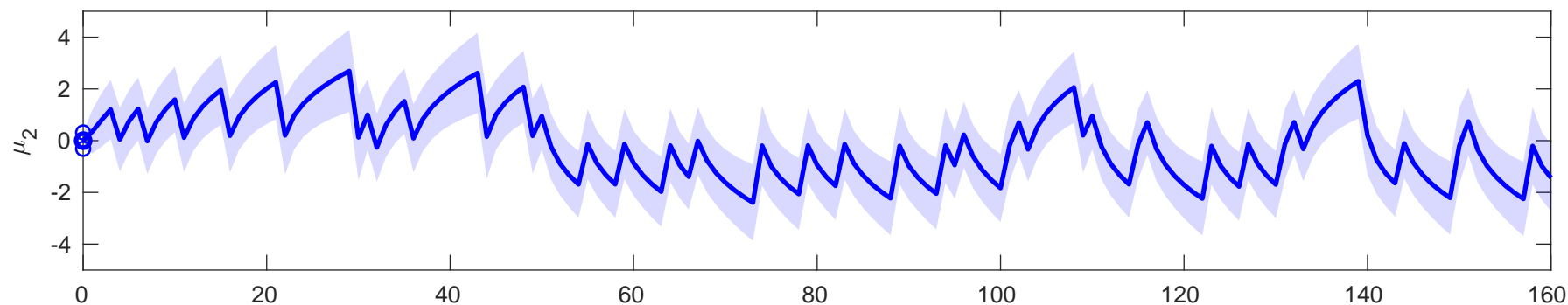




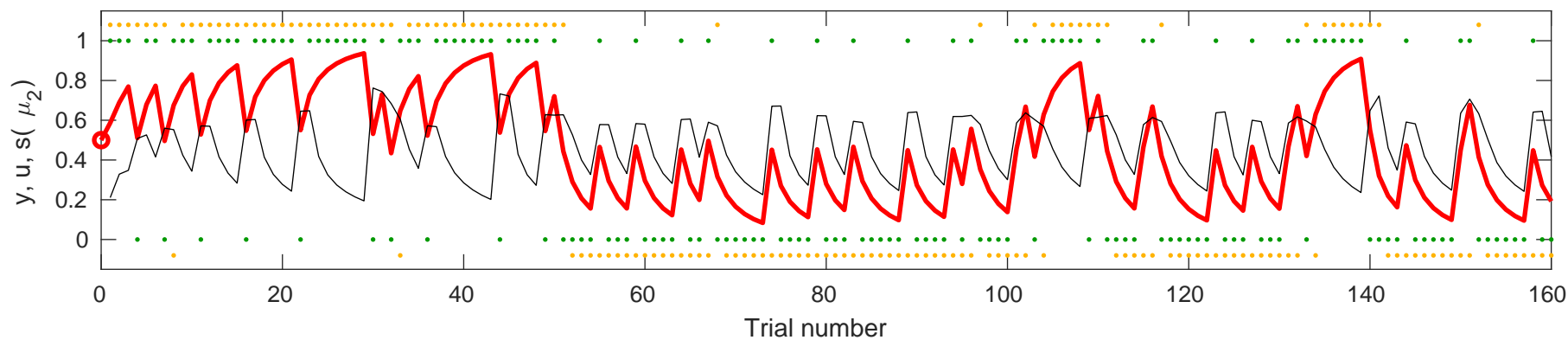
Posterior expectation of  $x$  **3**

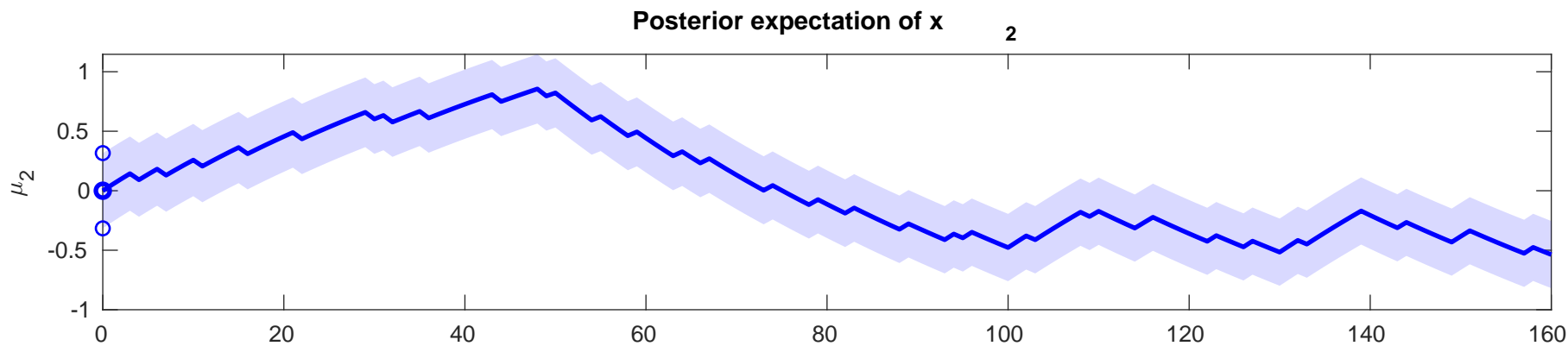
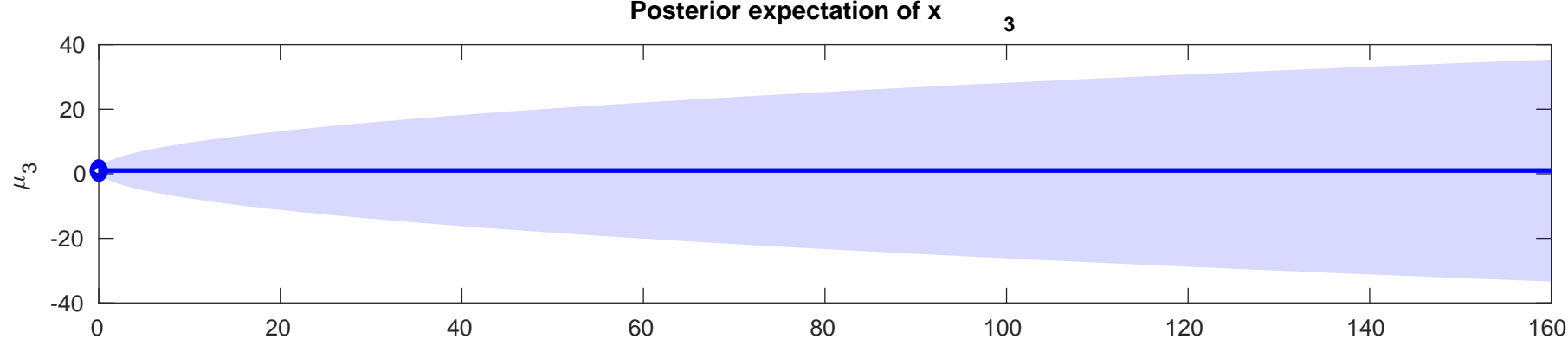


Posterior expectation of  $x$  **2**

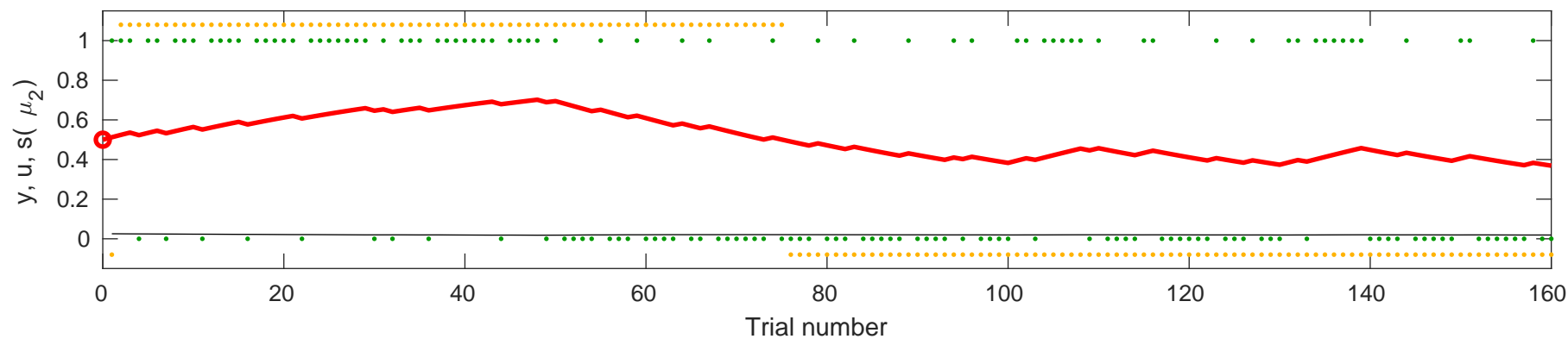


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-0.28297$

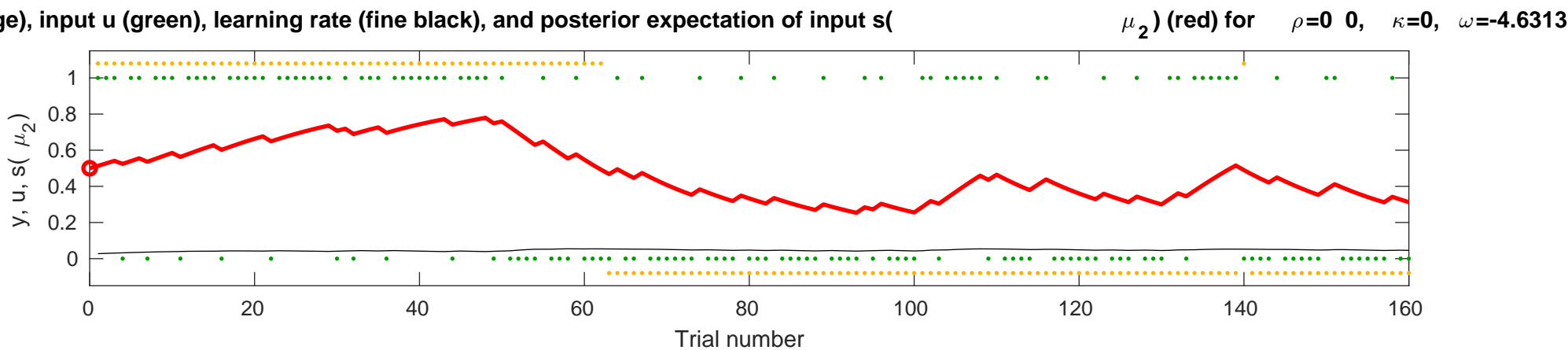
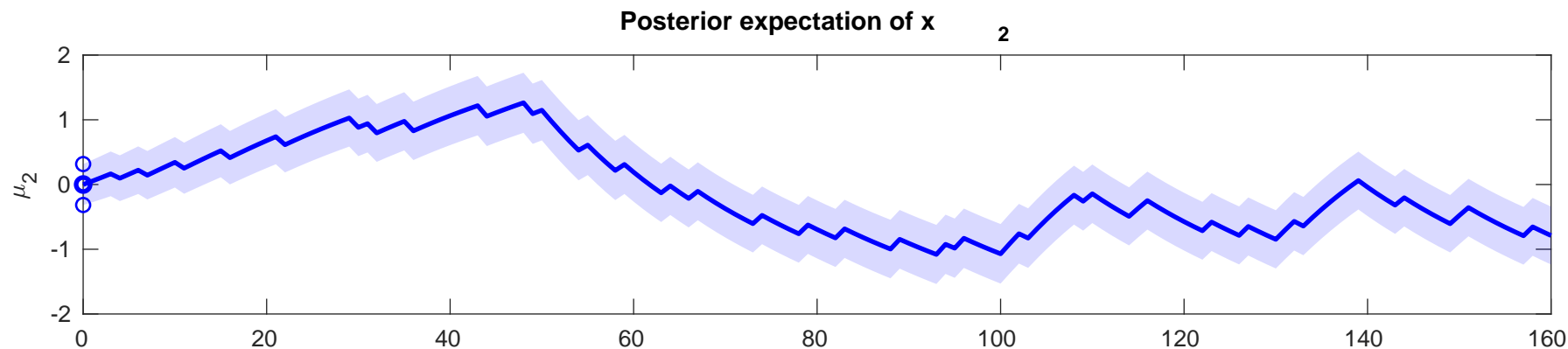
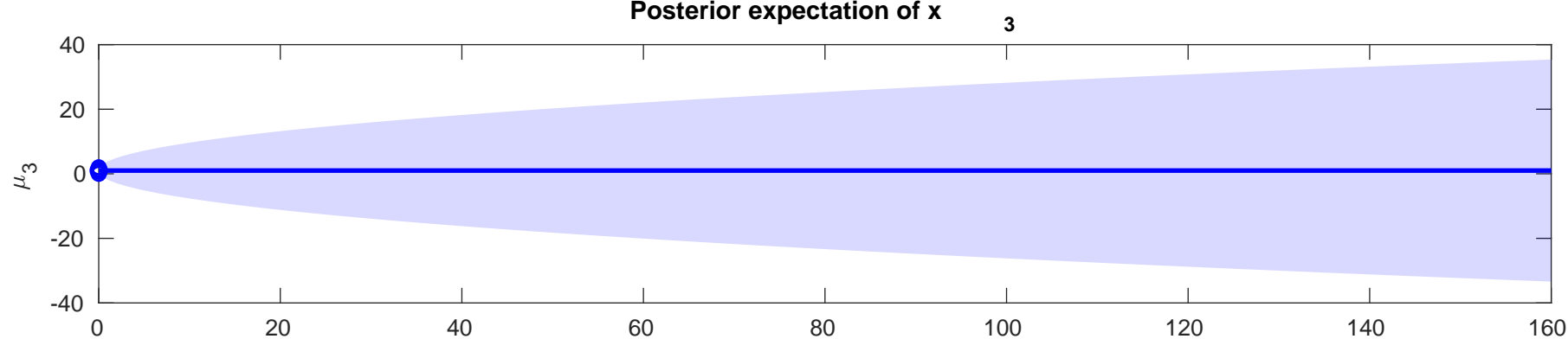


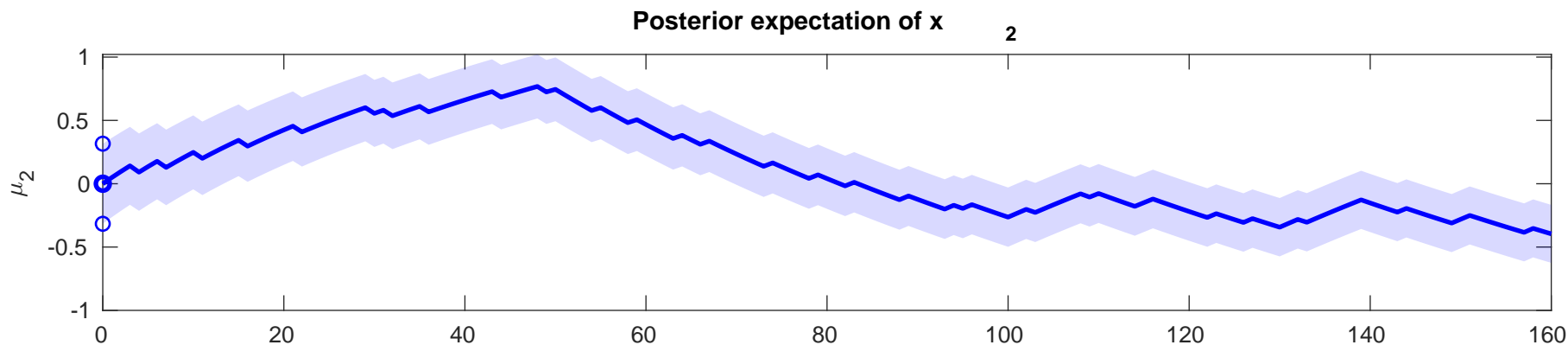
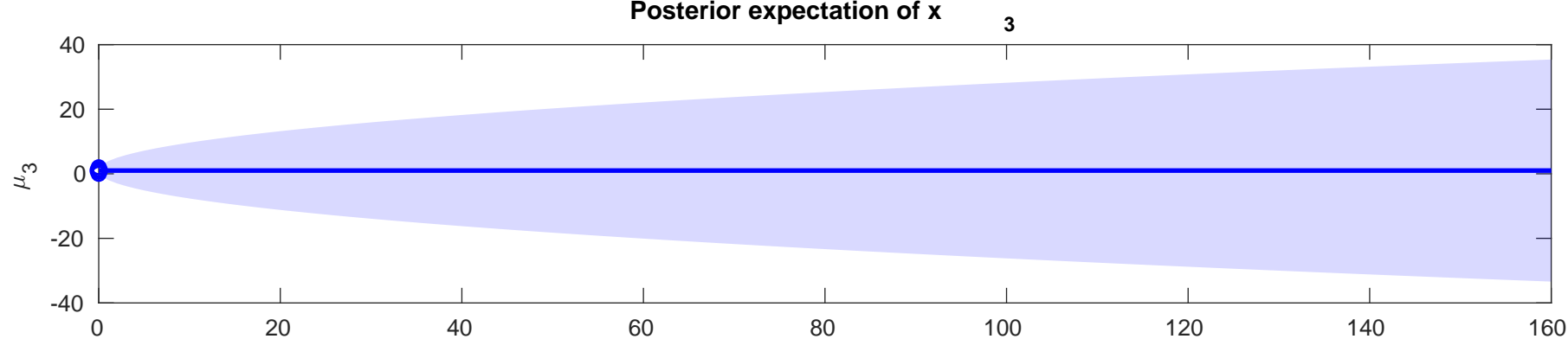


Posterior expectation of  $x_2$  (red), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  (orange) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-6.4598$

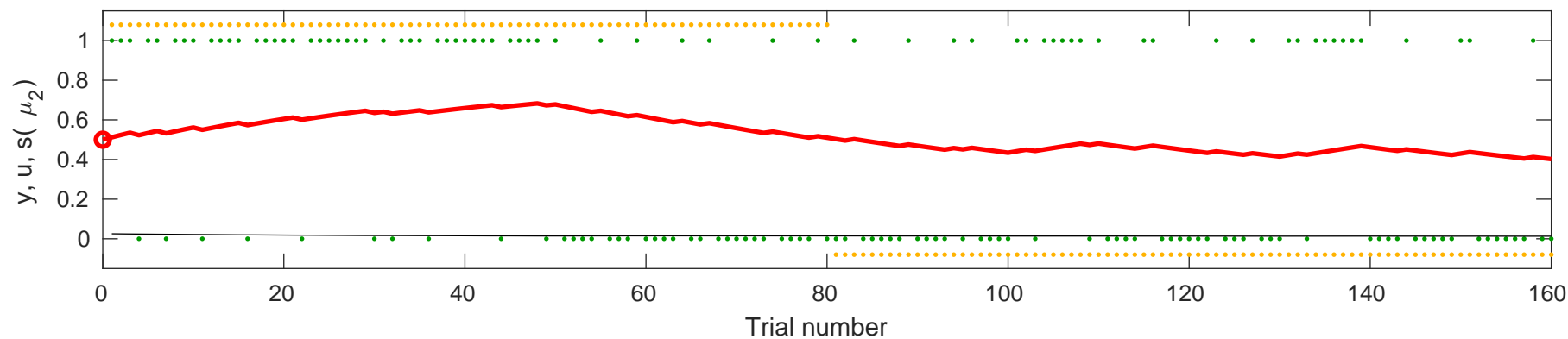






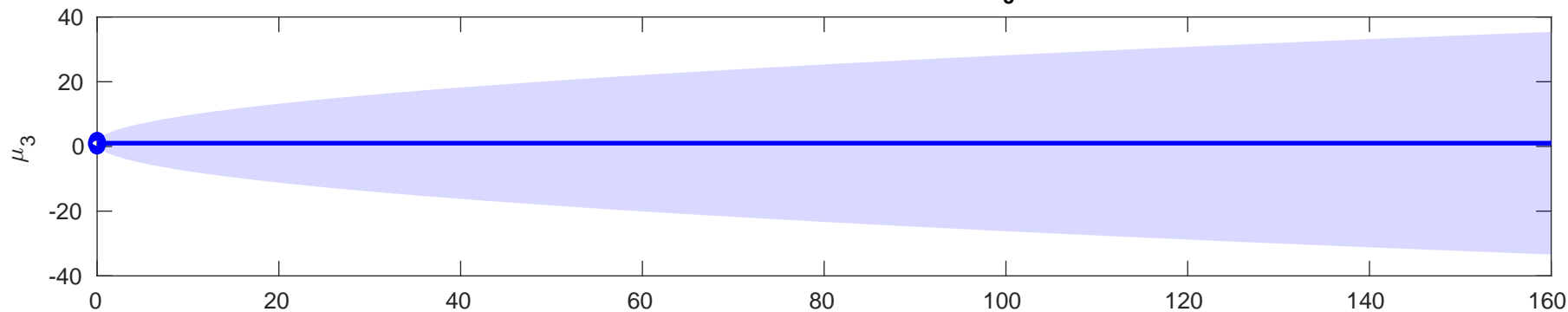


Posterior expectation of  $x_2$  (red), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  (orange) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-7.3096$

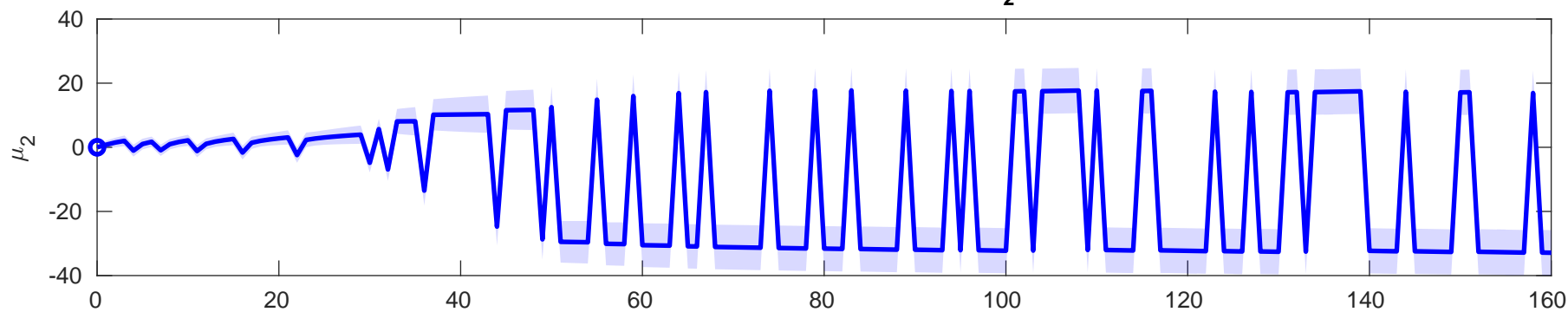
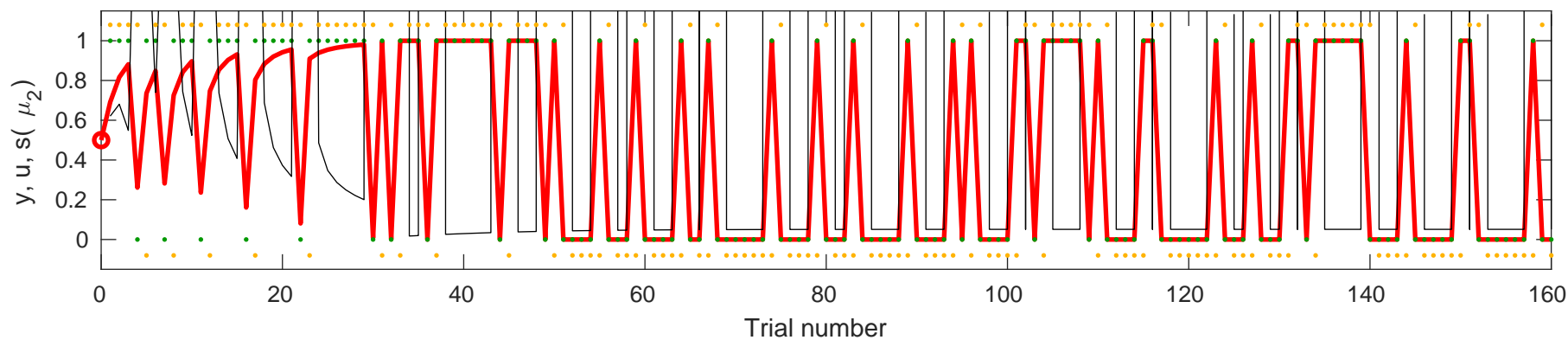


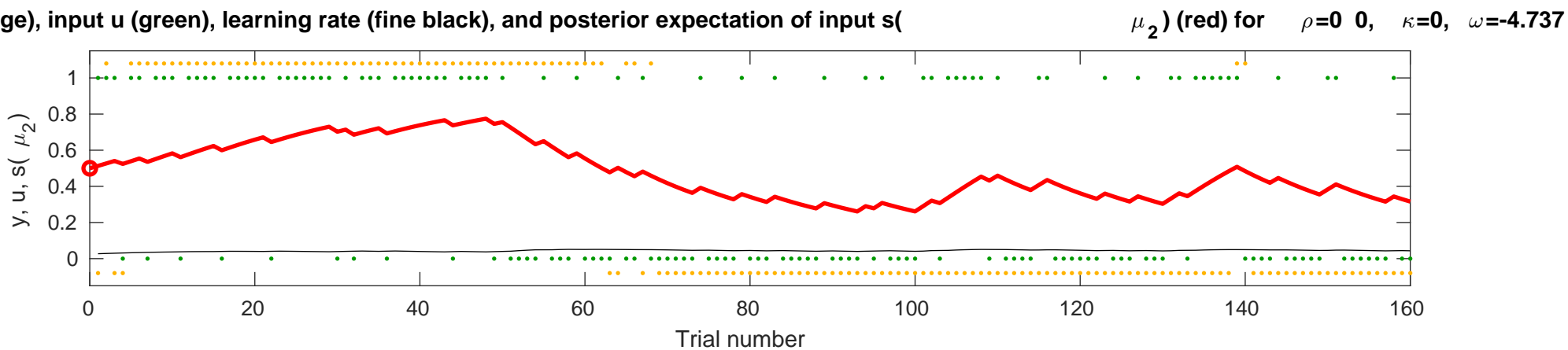
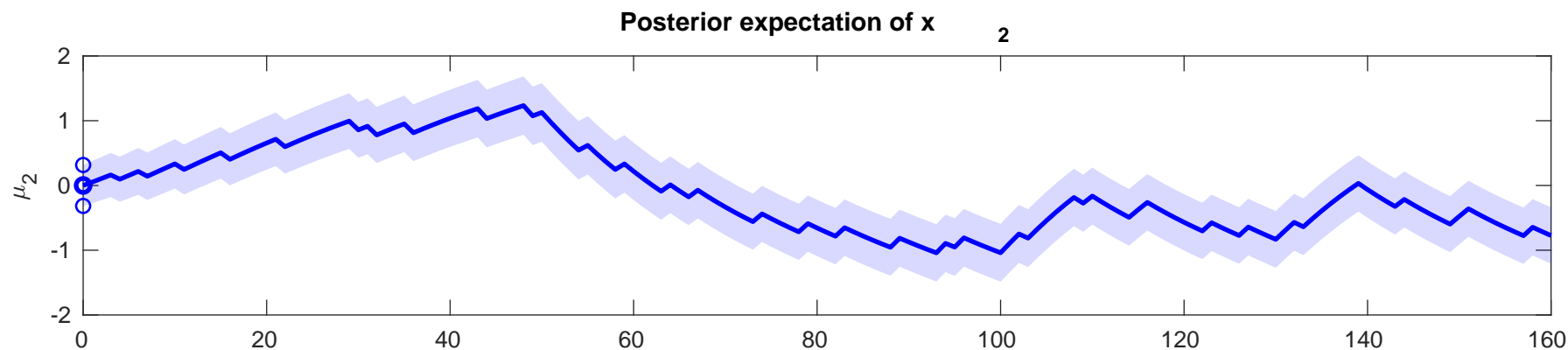
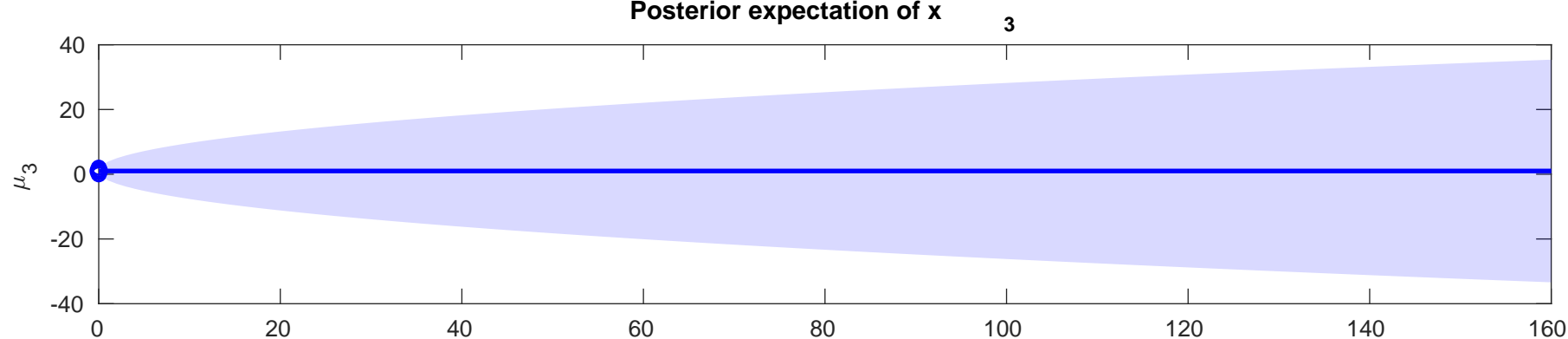
Posterior expectation of  $x$ 

3

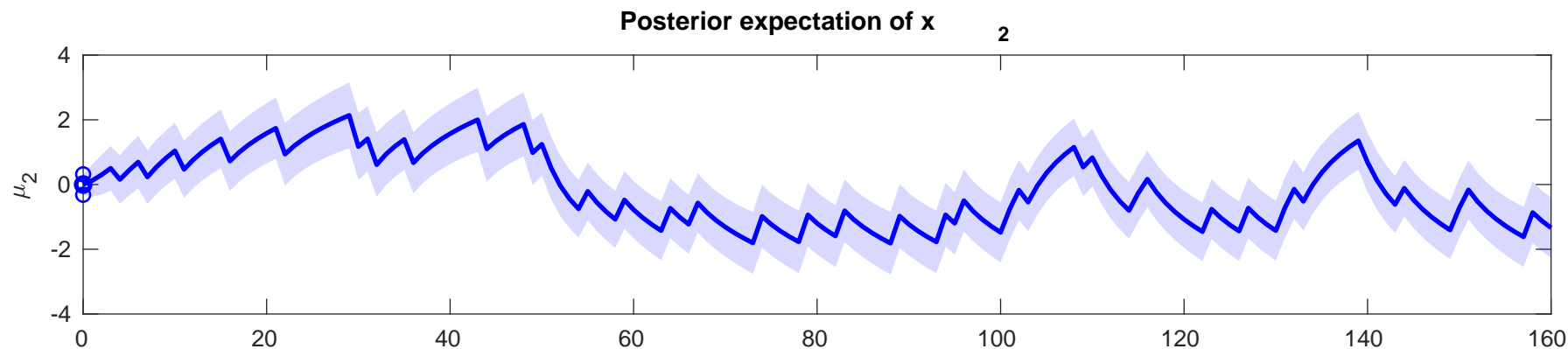
Posterior expectation of  $x$ 

2

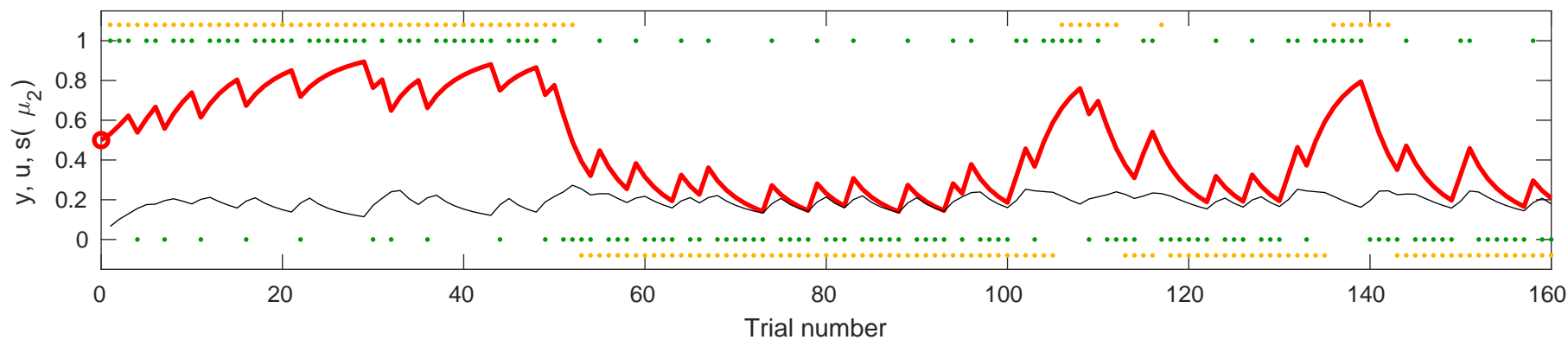
onse  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=0.9582$ 





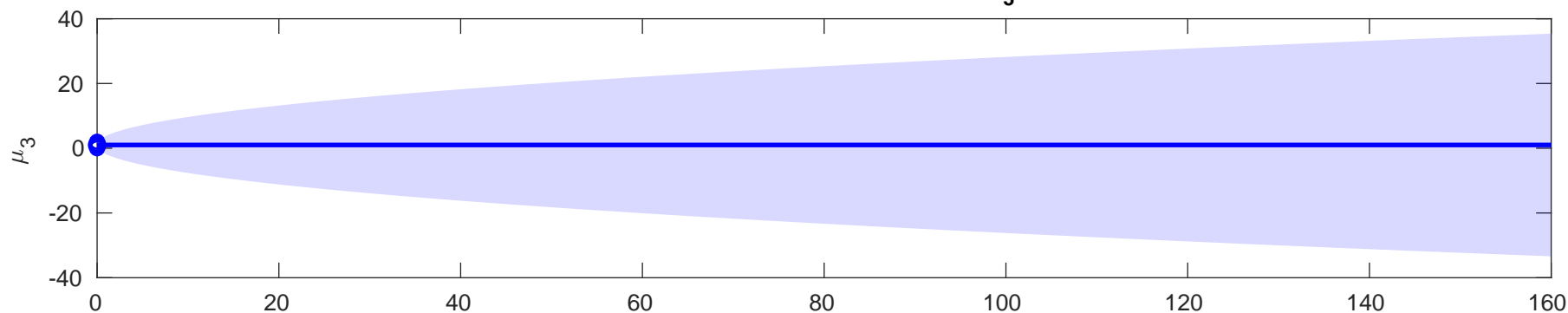


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.8058$



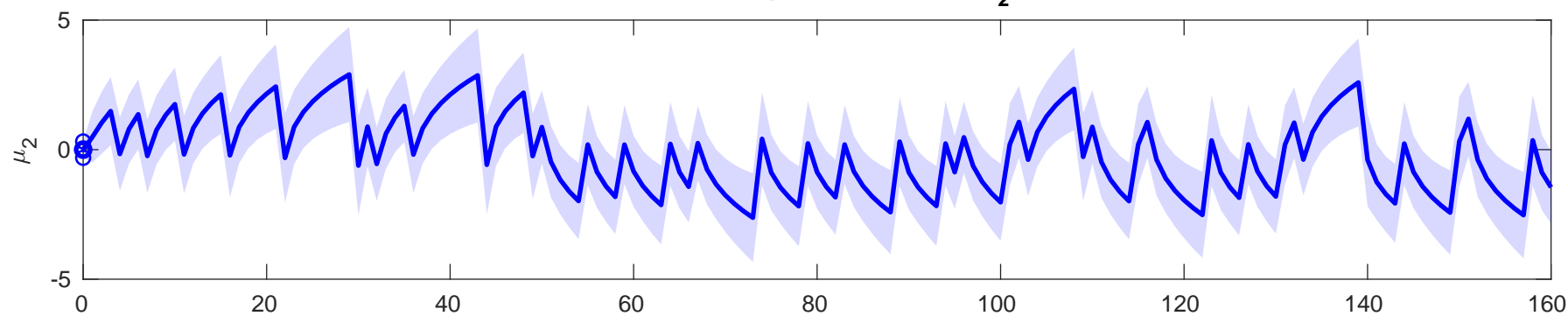
Posterior expectation of  $x$

3



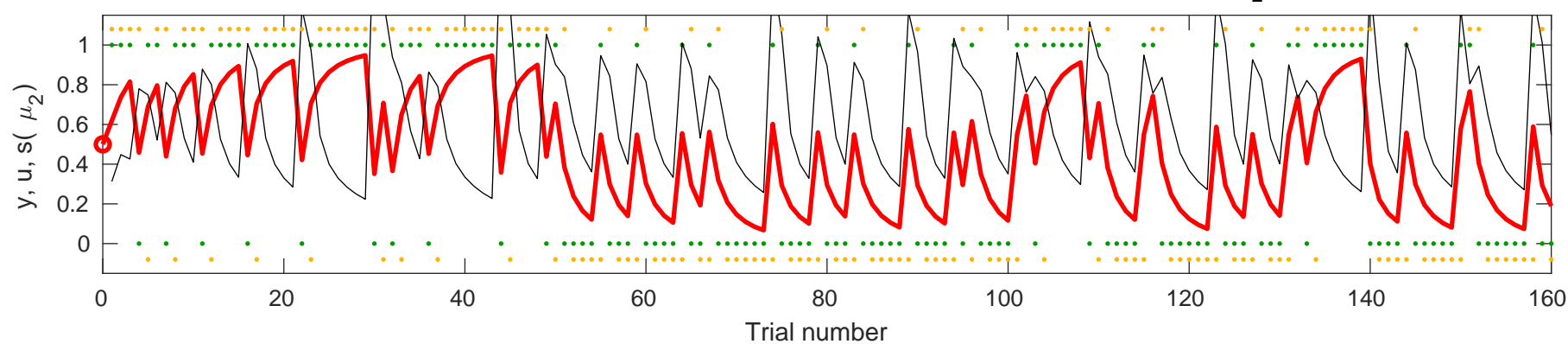
Posterior expectation of  $x$

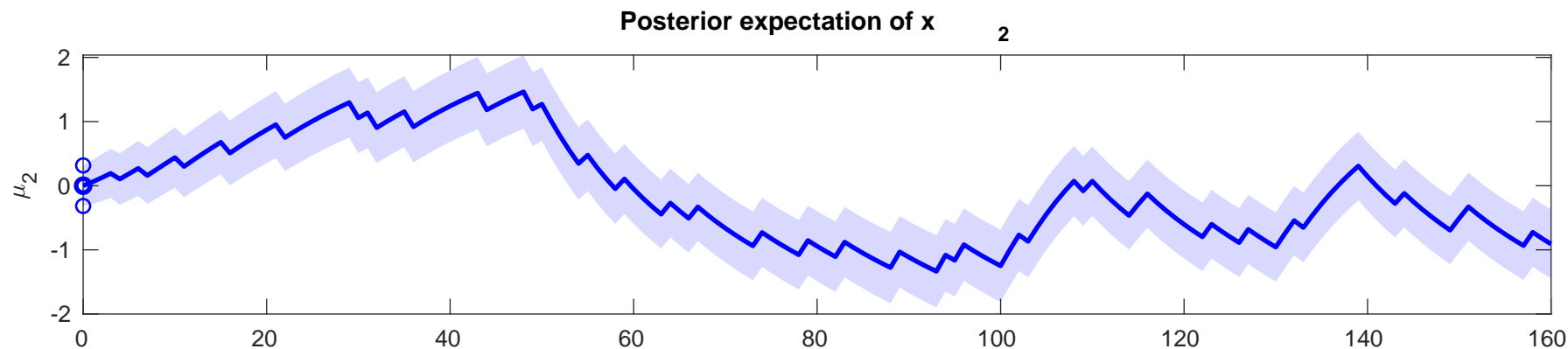
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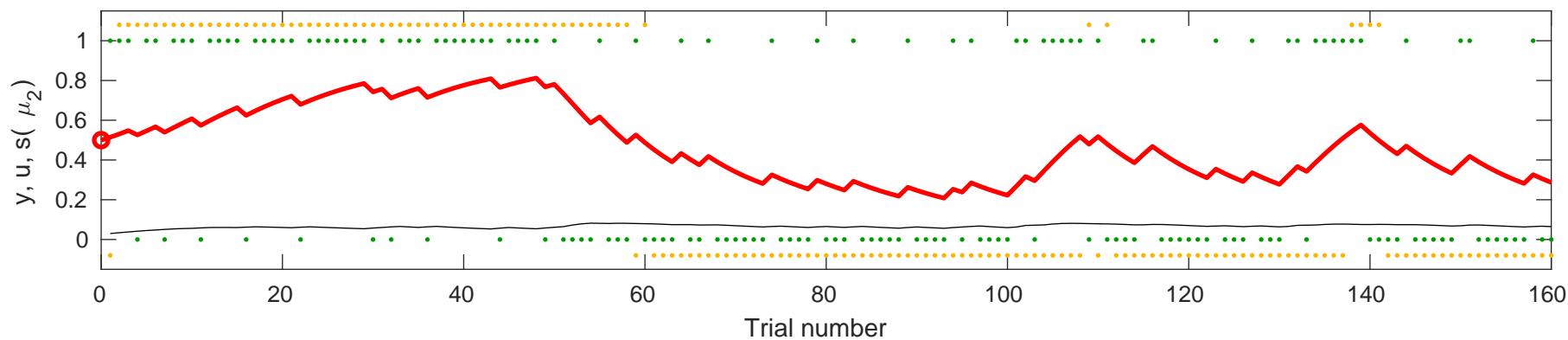
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ (

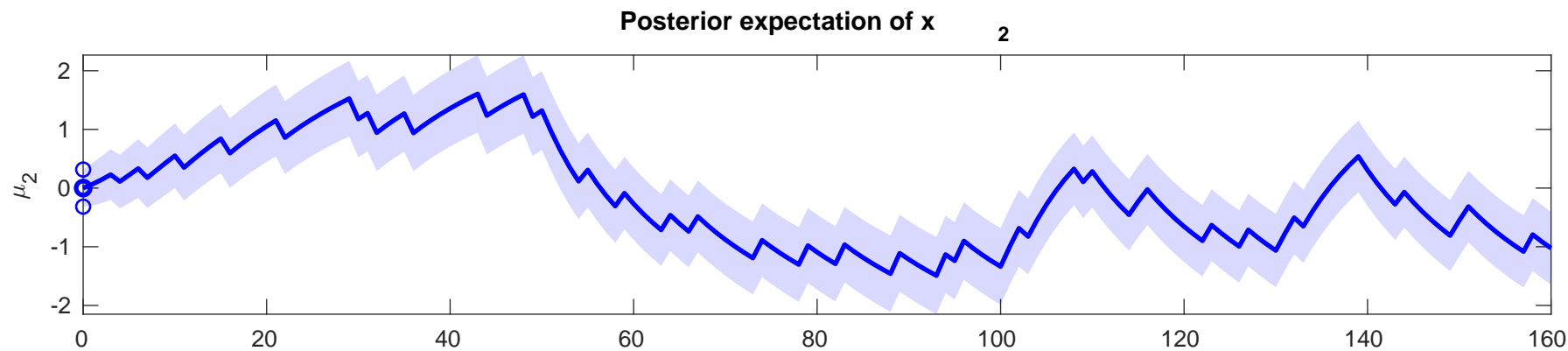
$\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=0.16877$



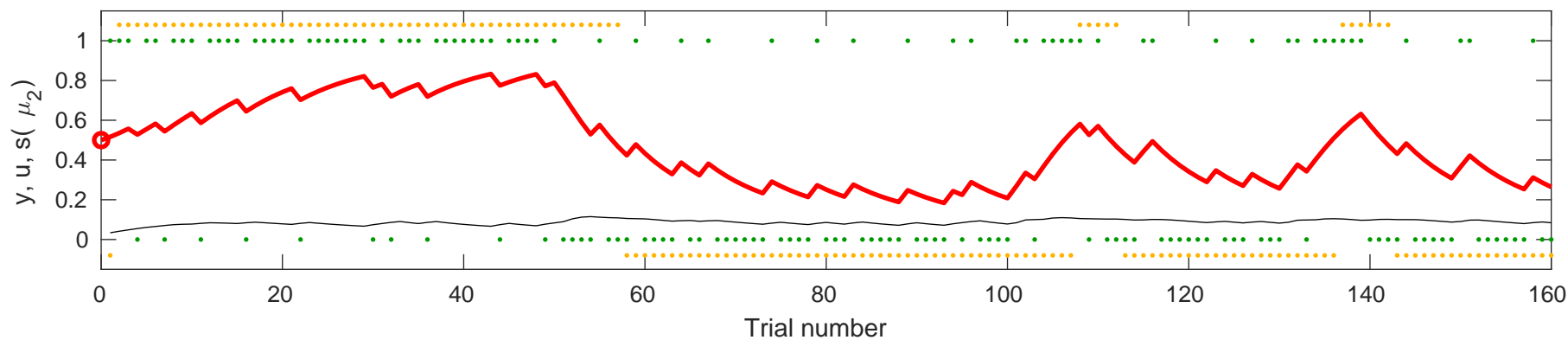


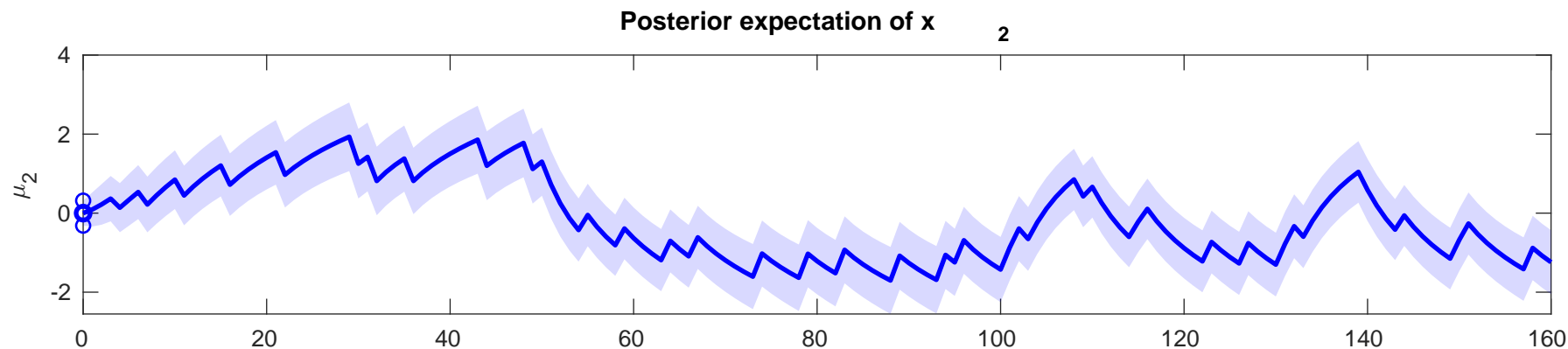
response y (orange), input u (green), learning rate (fine black), and posterior expectation of input s( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.8963$



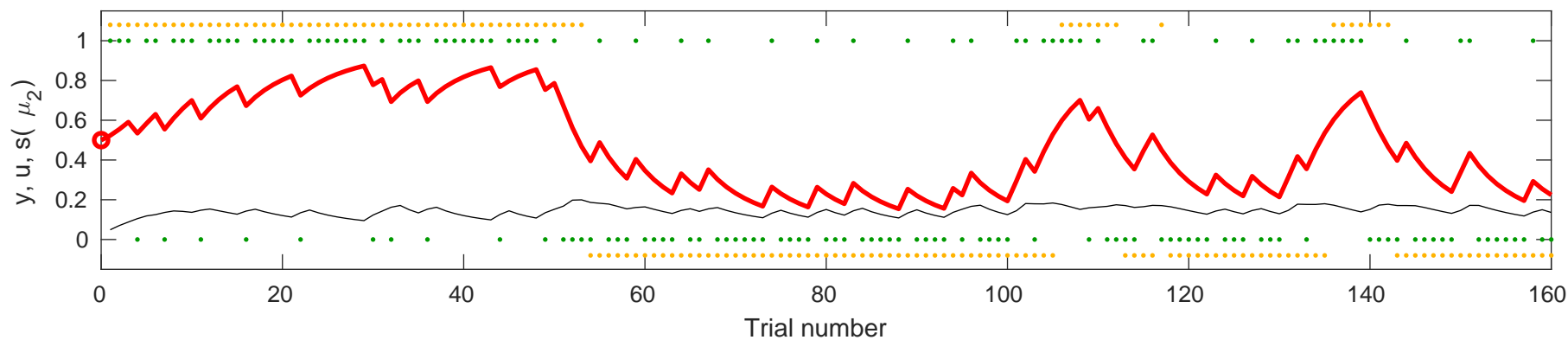


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.3385$



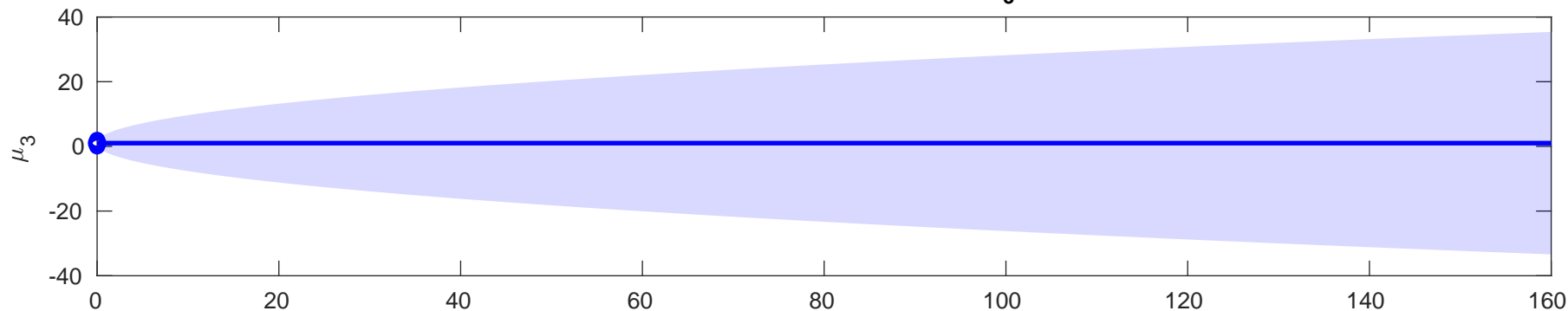


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.3456$



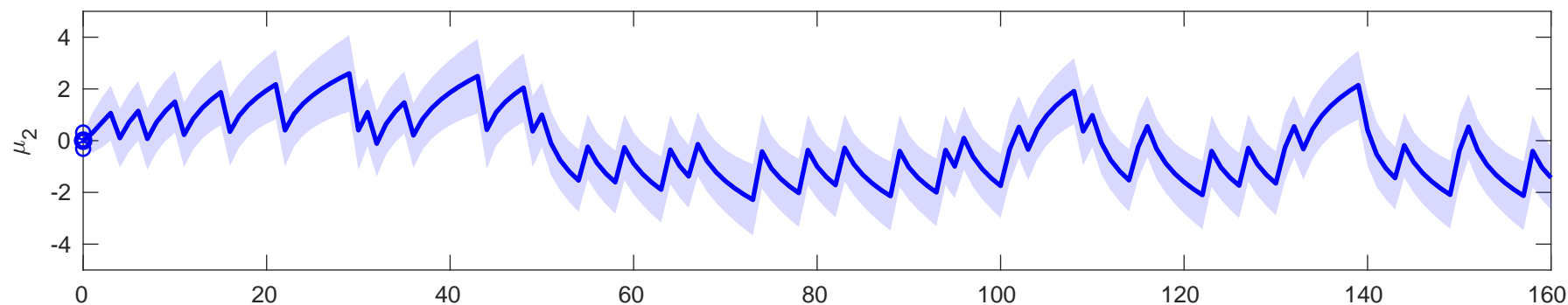
Posterior expectation of  $x$

3

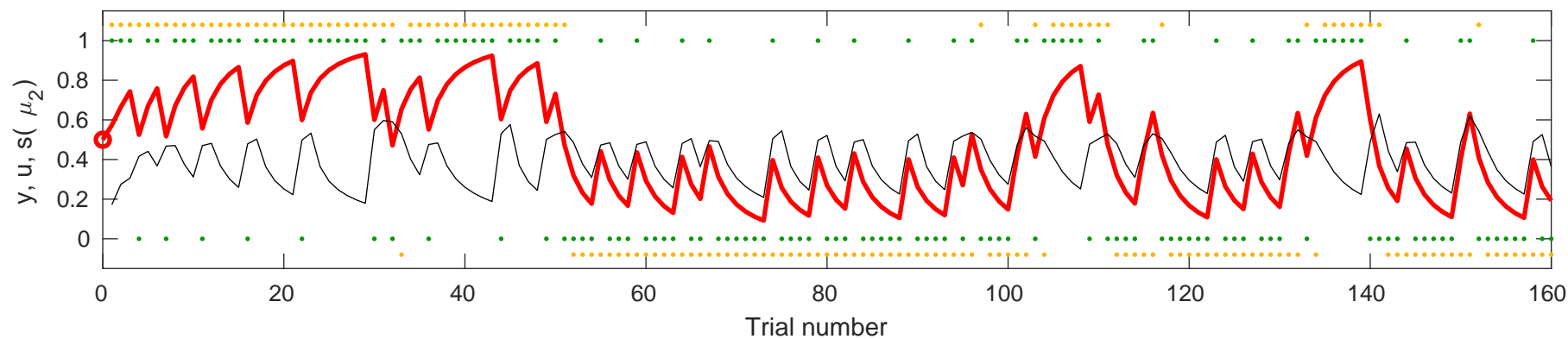


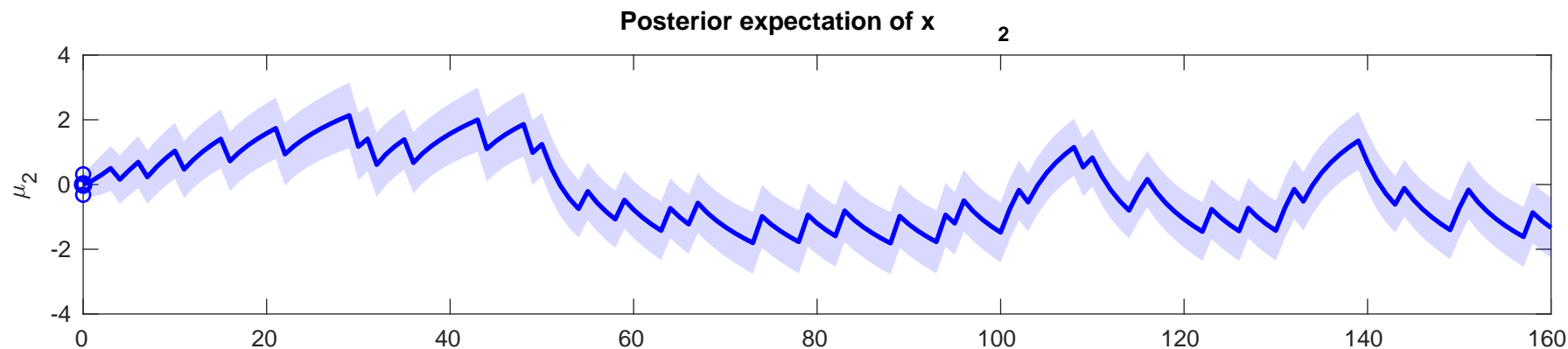
Posterior expectation of  $x$

2

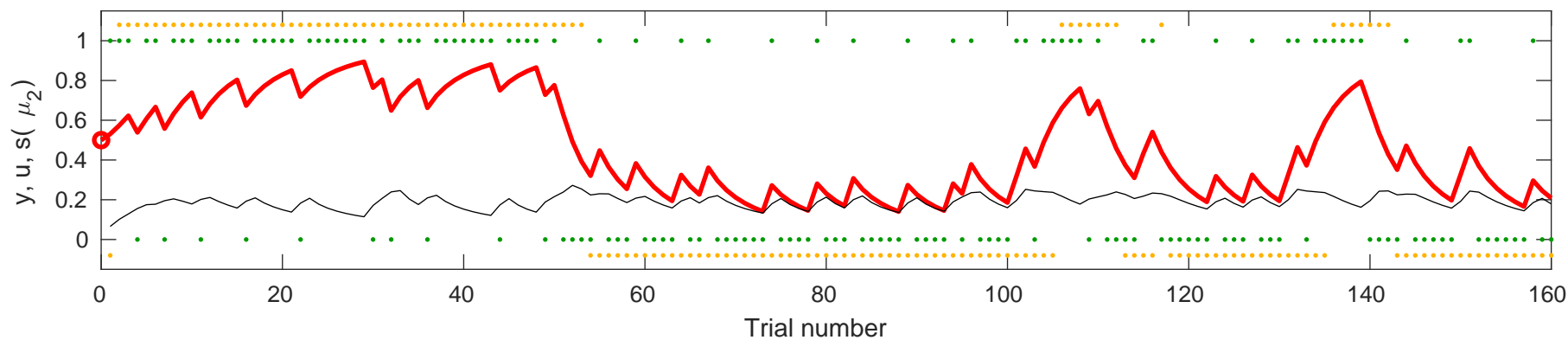


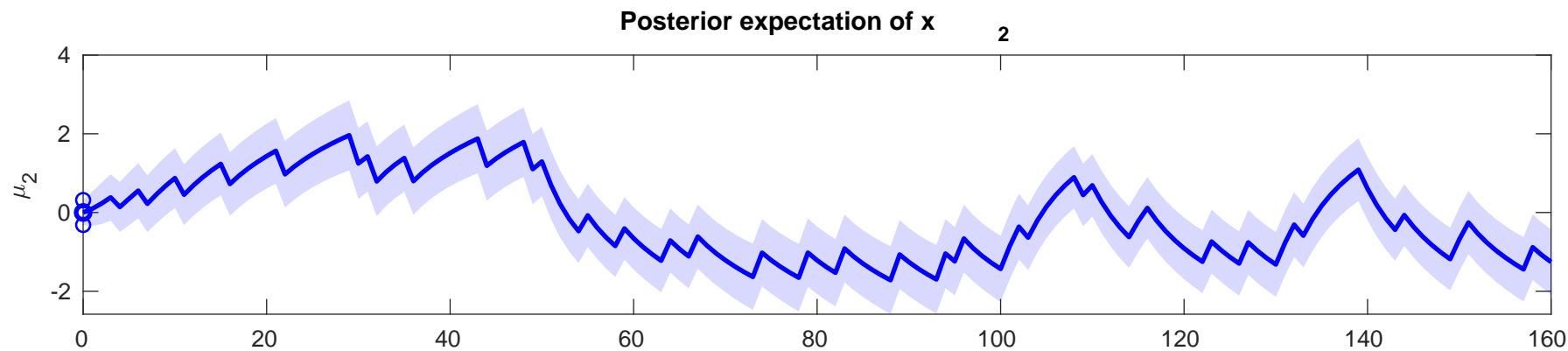
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-0.52256$



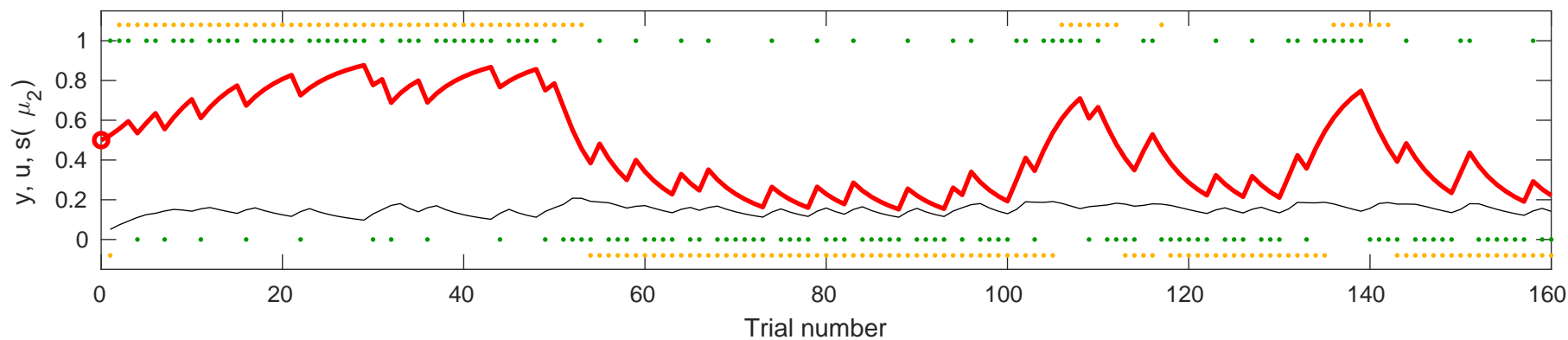


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.8092$

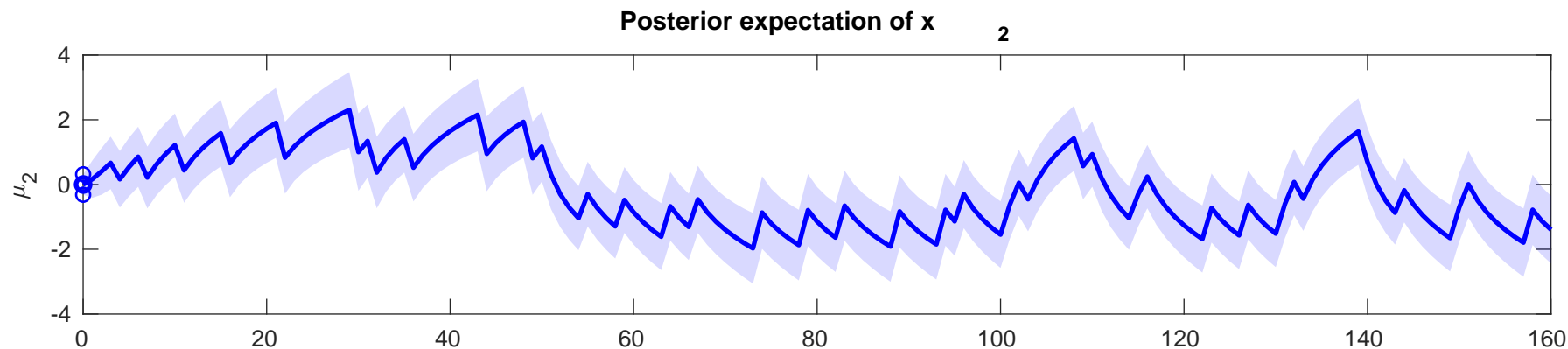




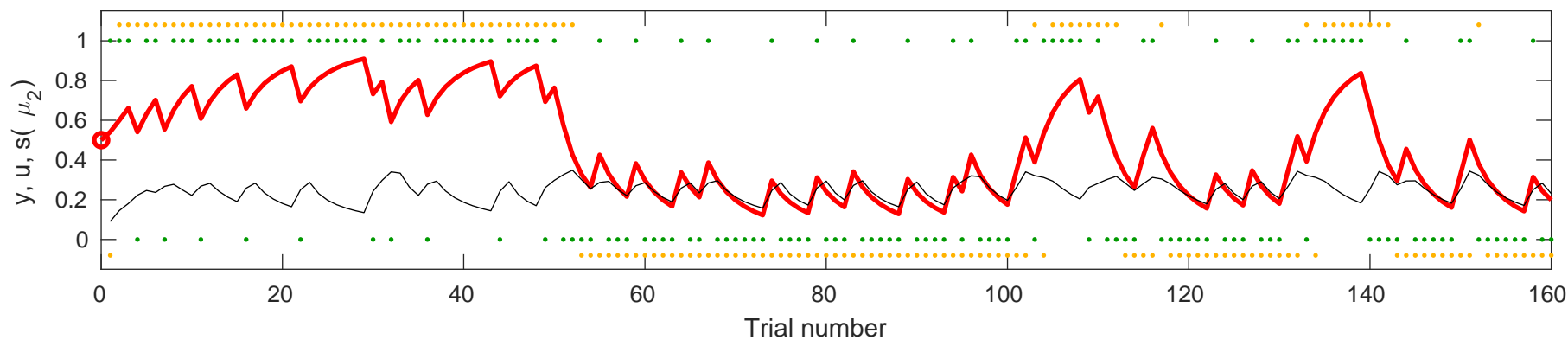
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.2681$





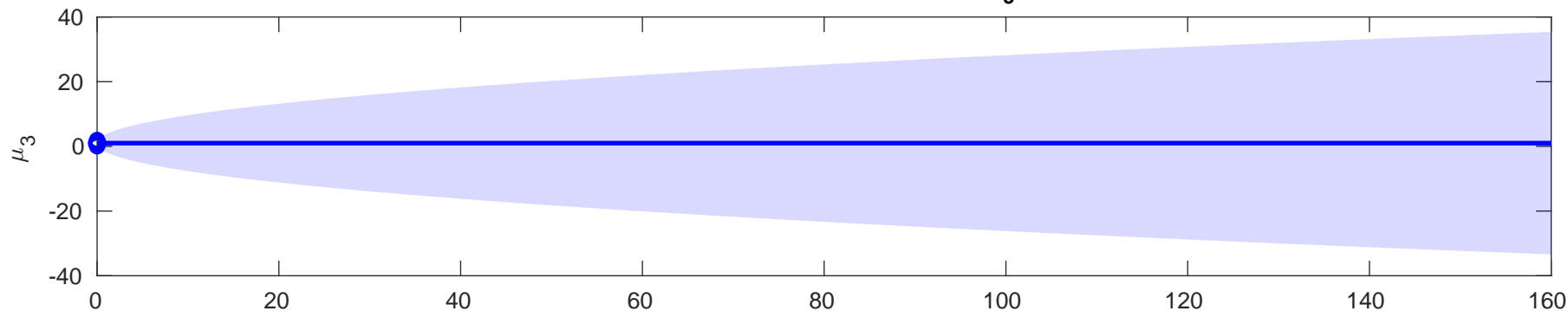


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.3354$



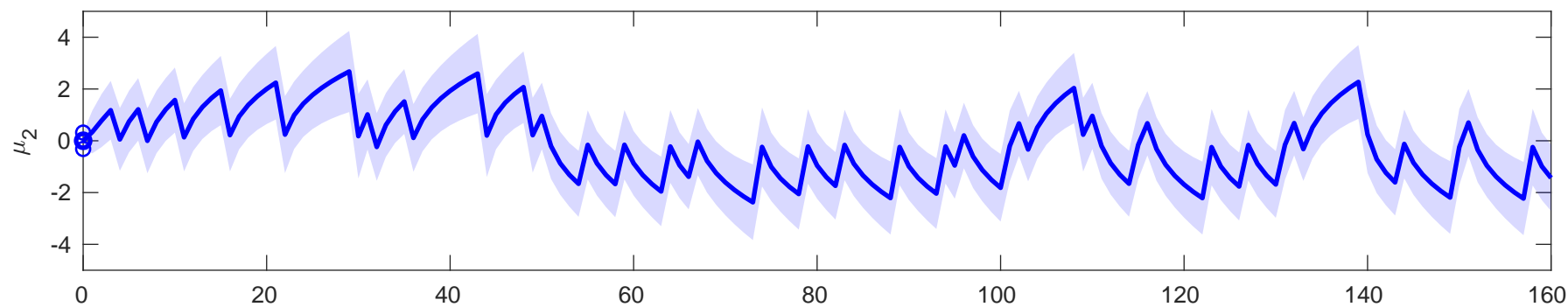
Posterior expectation of  $x$

3

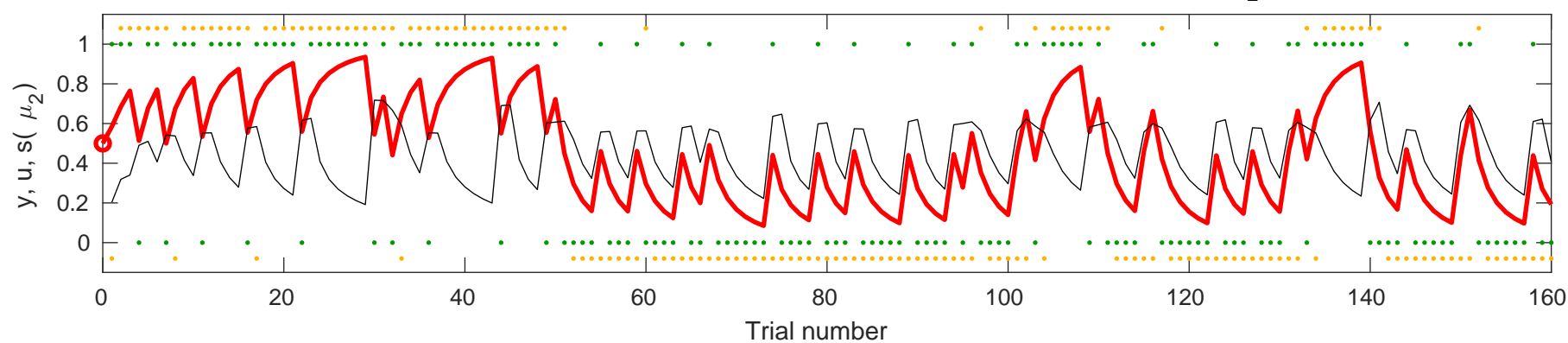


Posterior expectation of  $x$

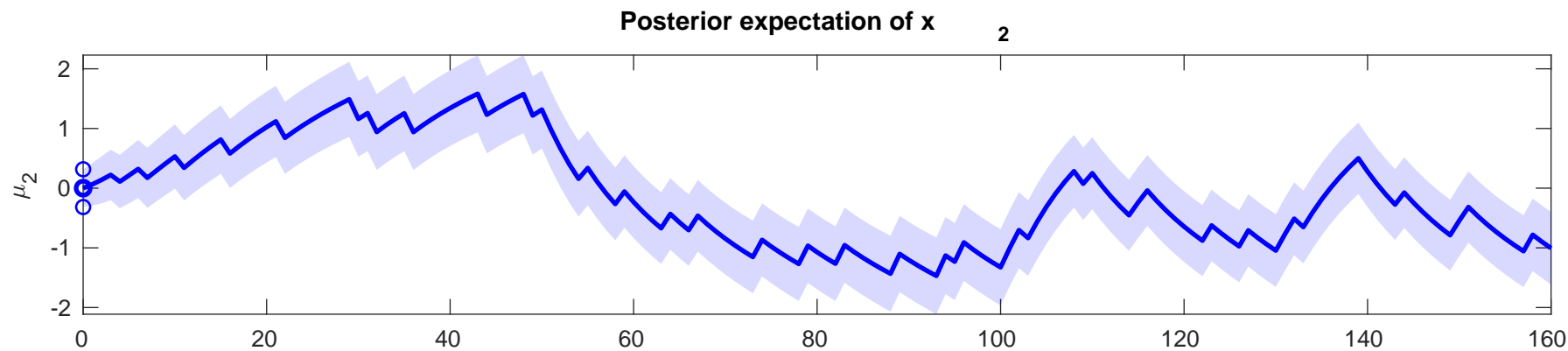
2



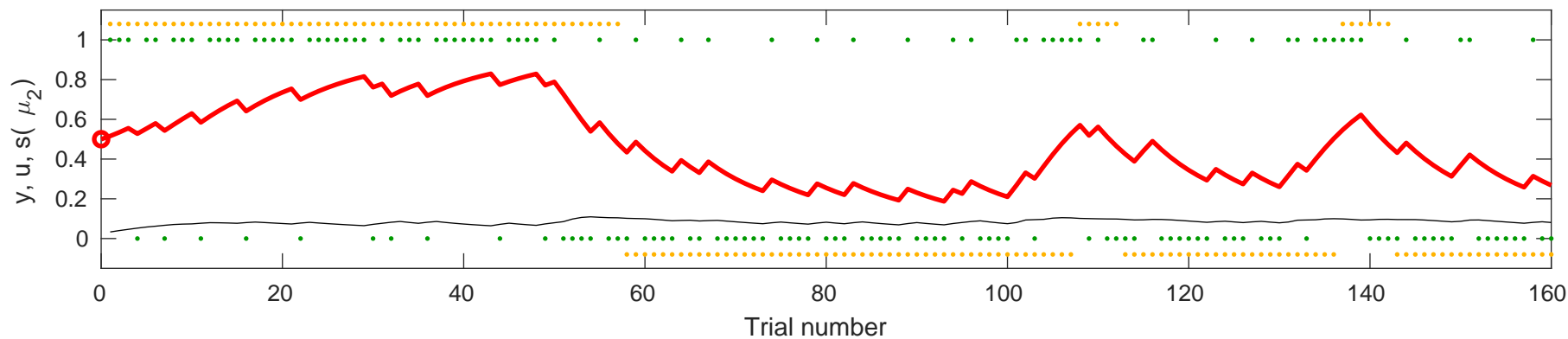
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-0.32421$

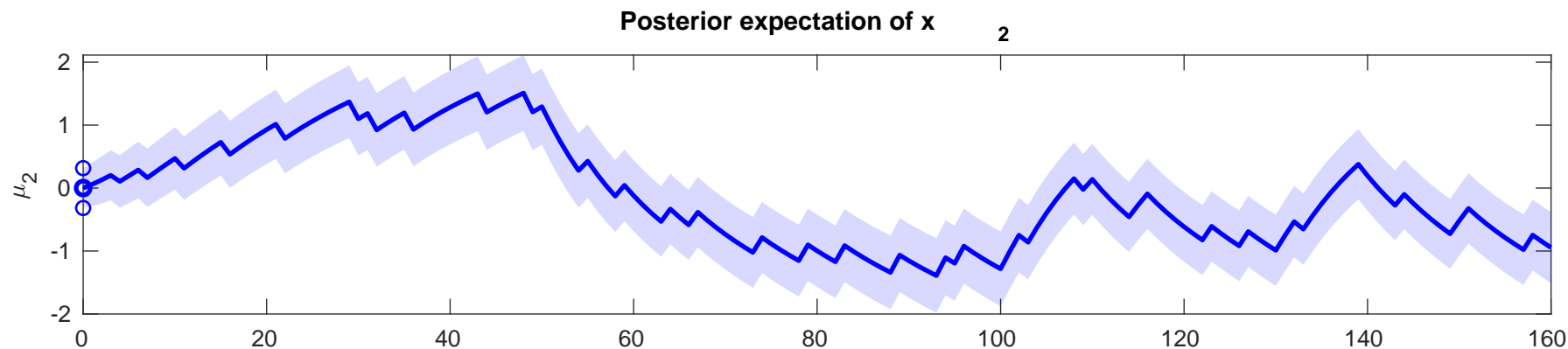






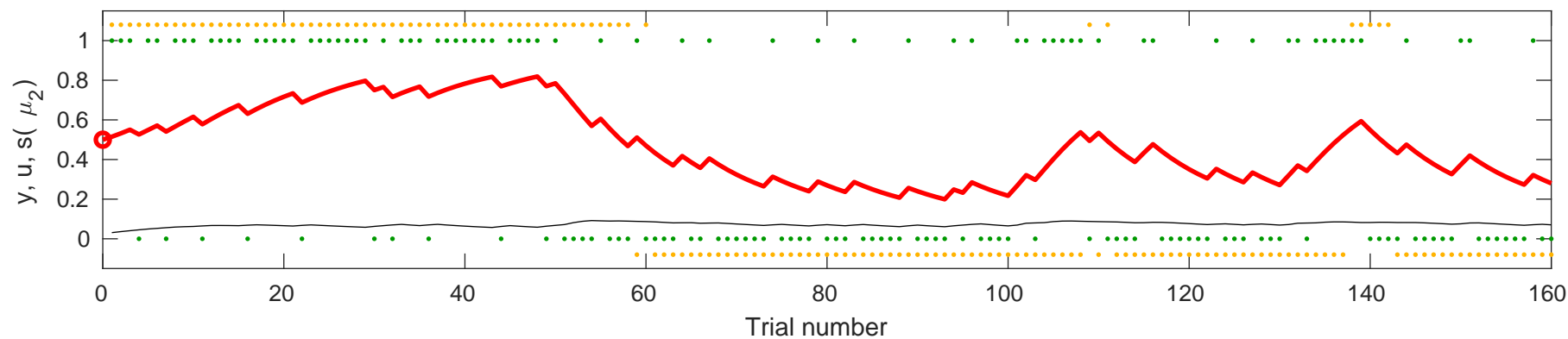
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.4264$

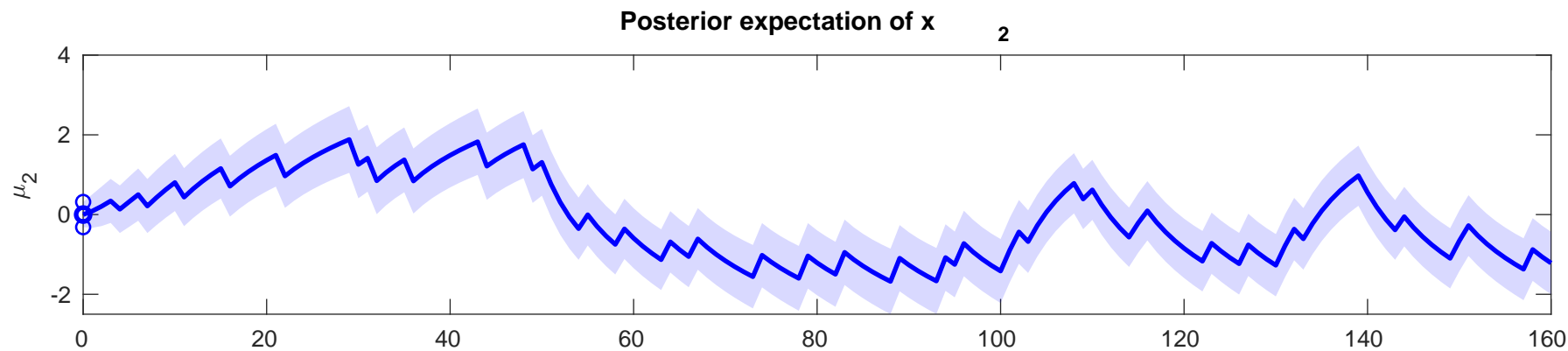




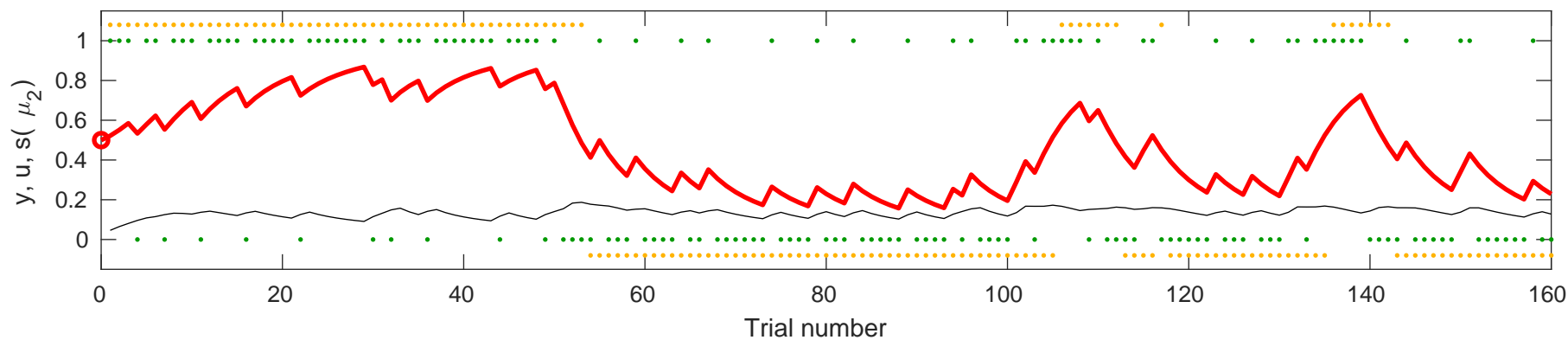
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ (

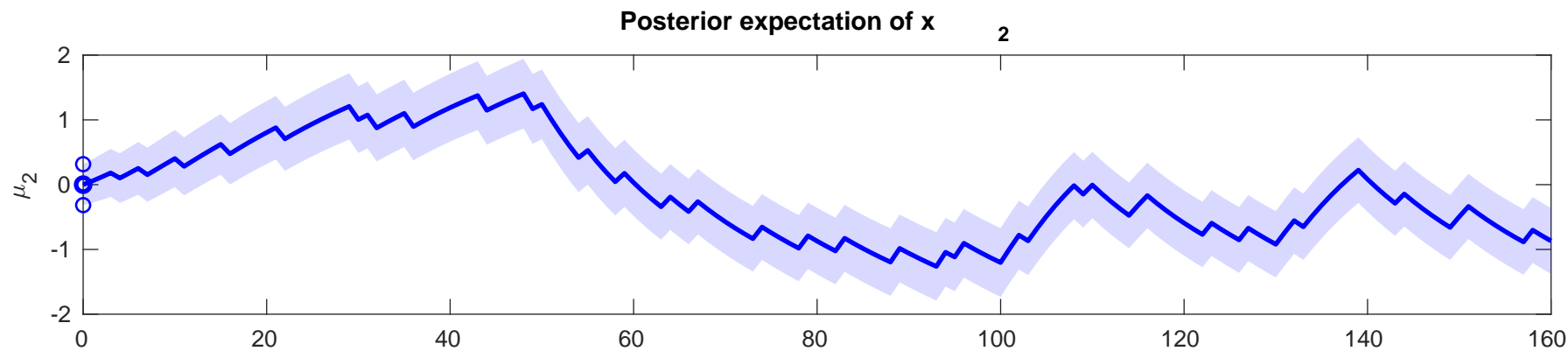
$\mu_2$ ) (red) for  $\rho=0$  0,  $\kappa=0$ ,  $\omega=-3.7144$



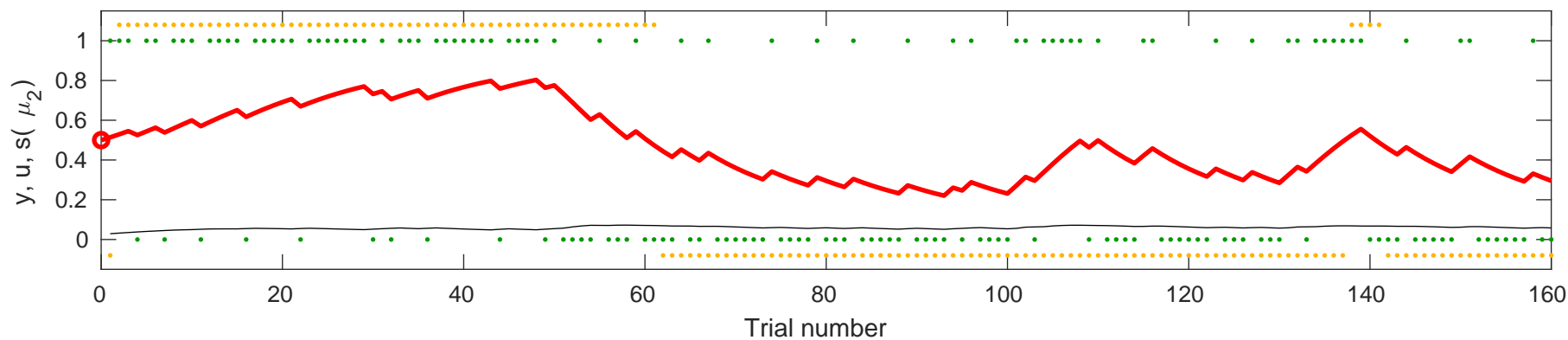


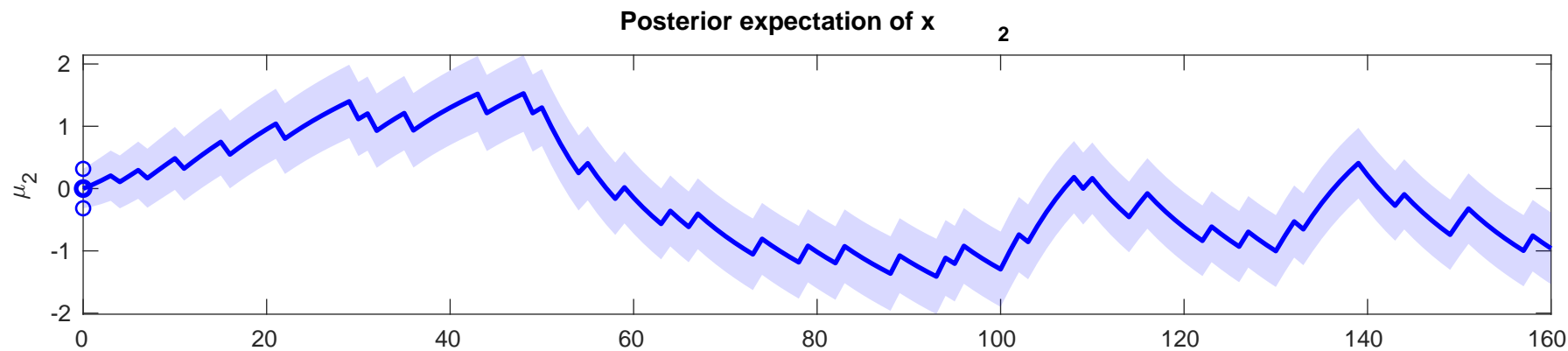
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.4698$



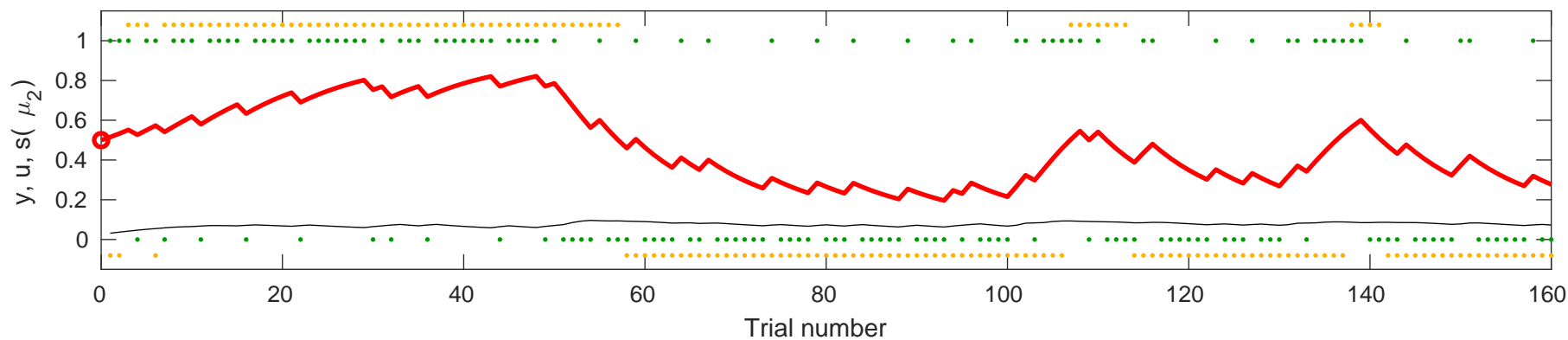


onse  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-4.121$

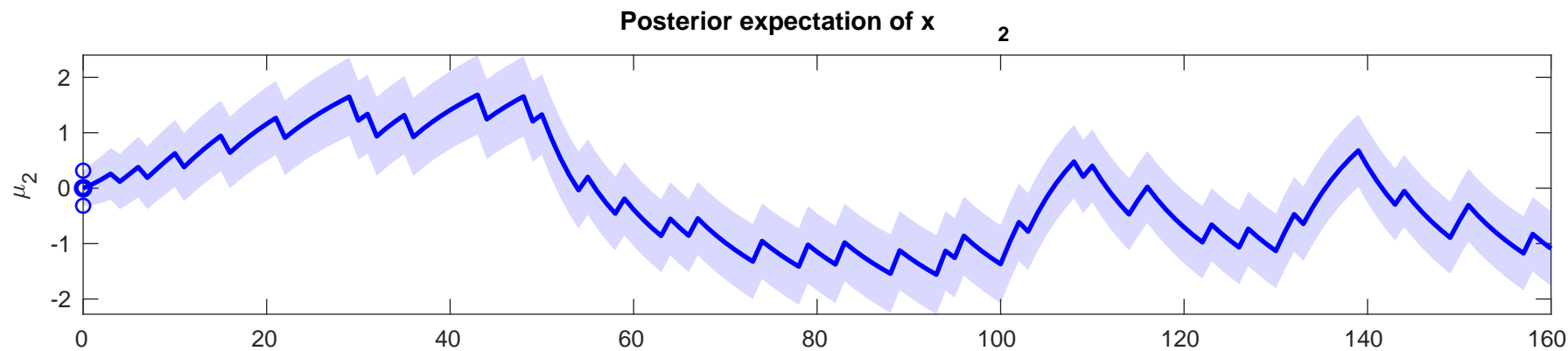




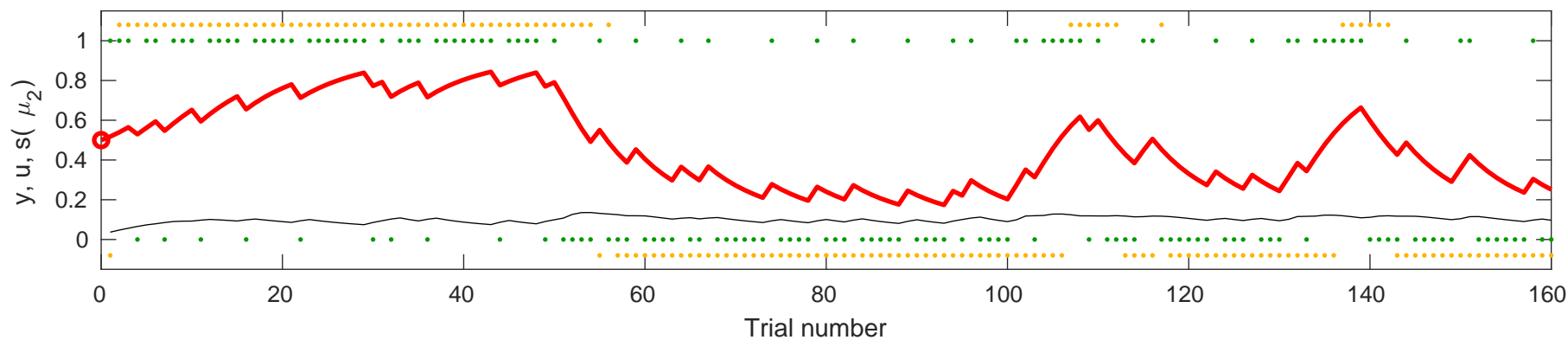
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.6417$

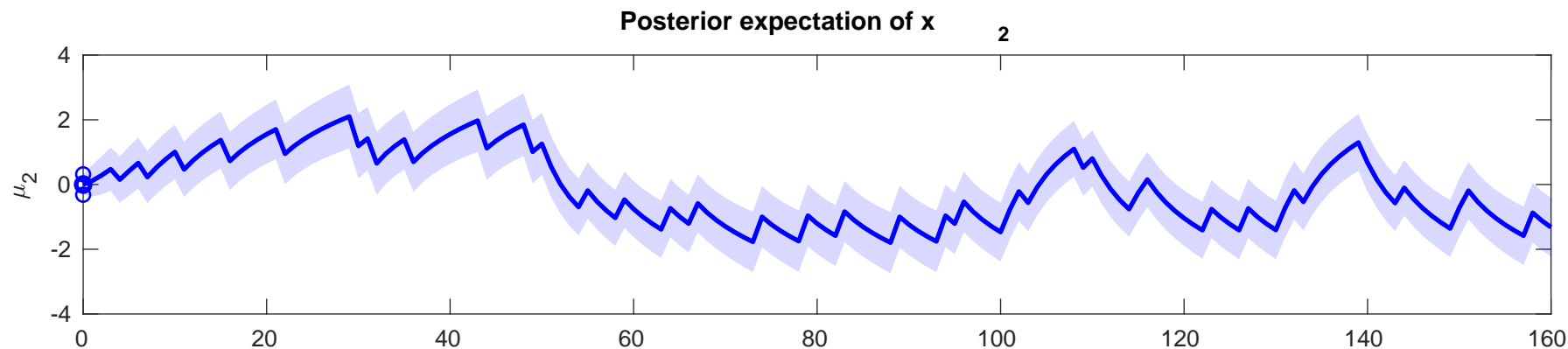




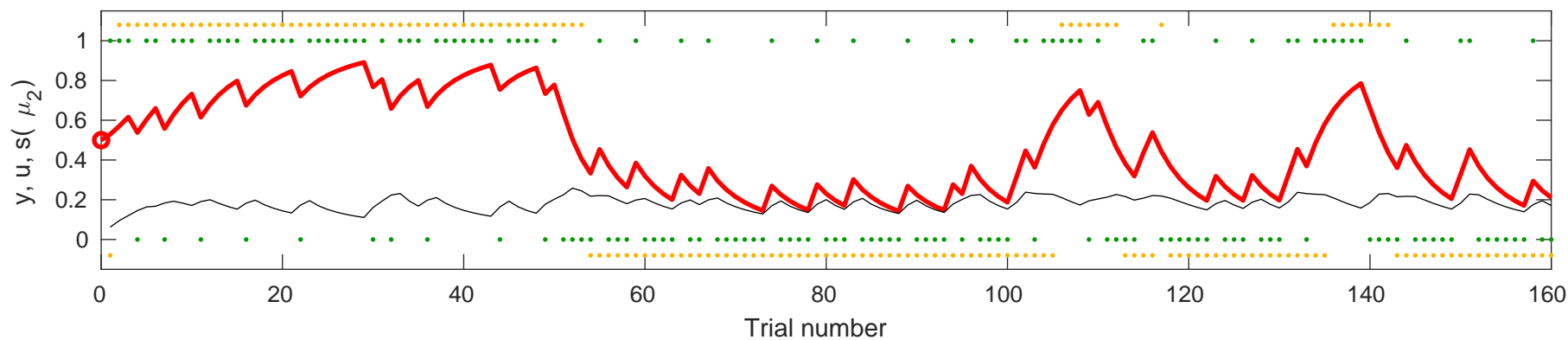


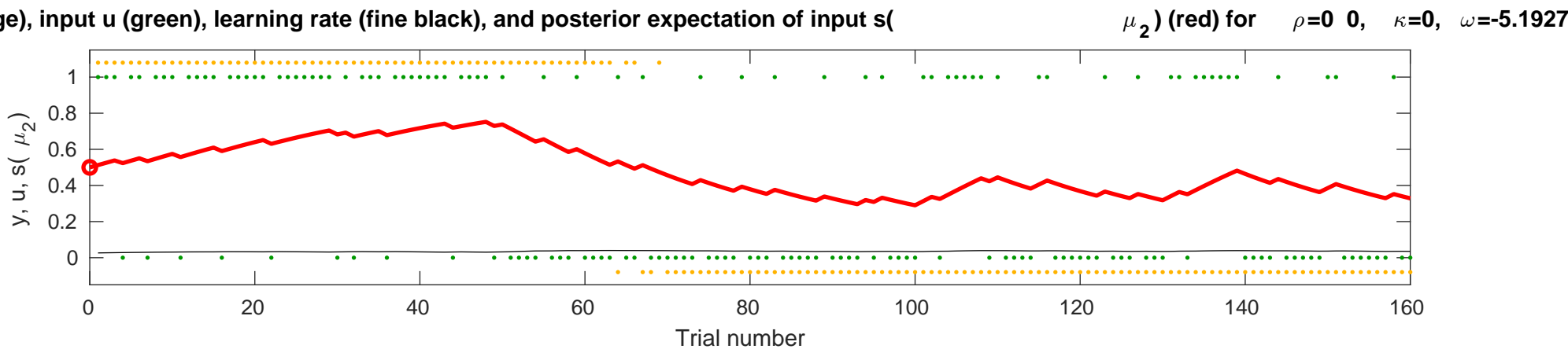
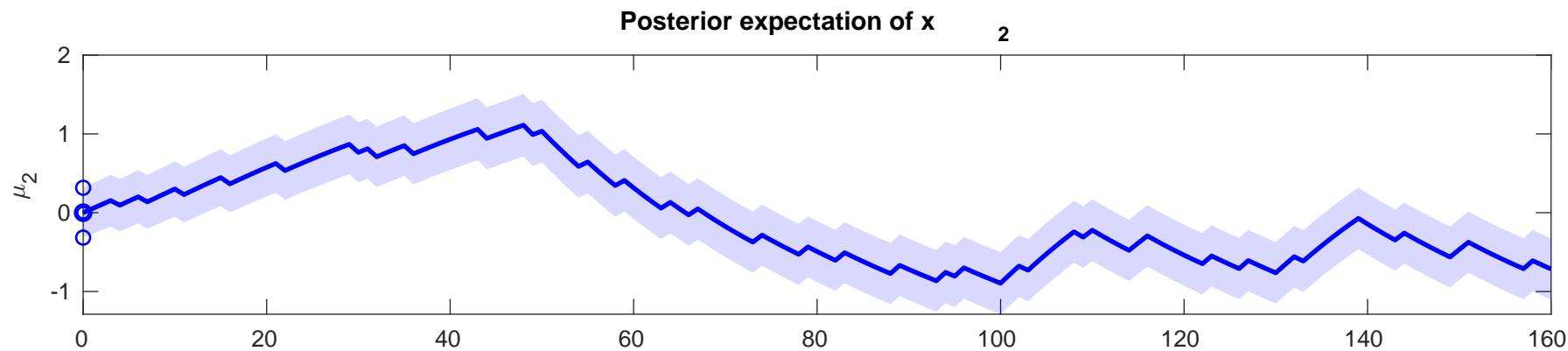
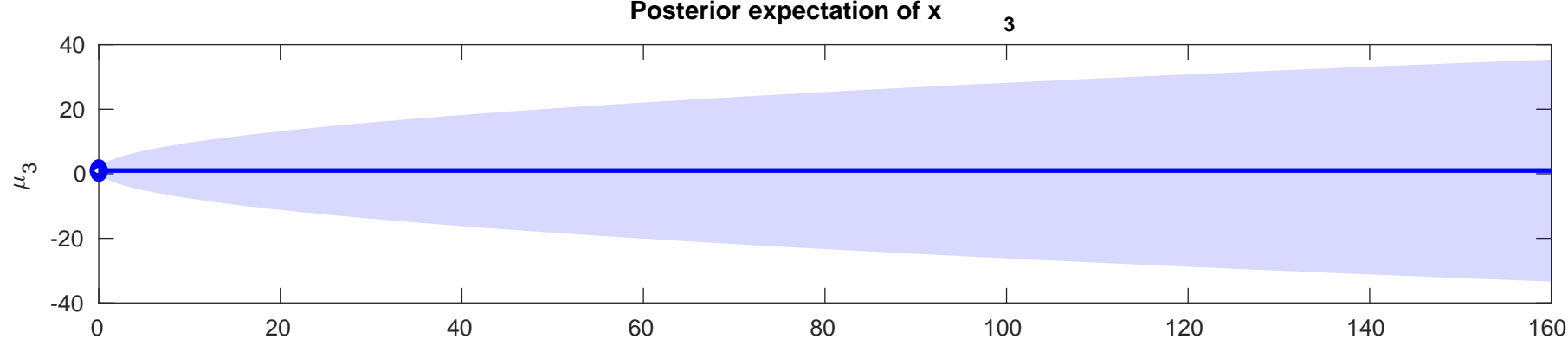
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.0399$

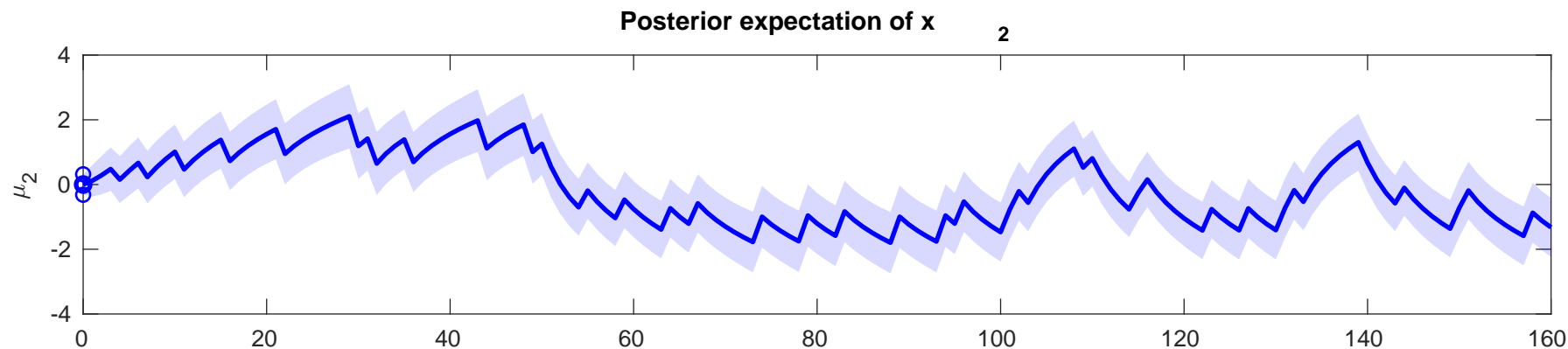




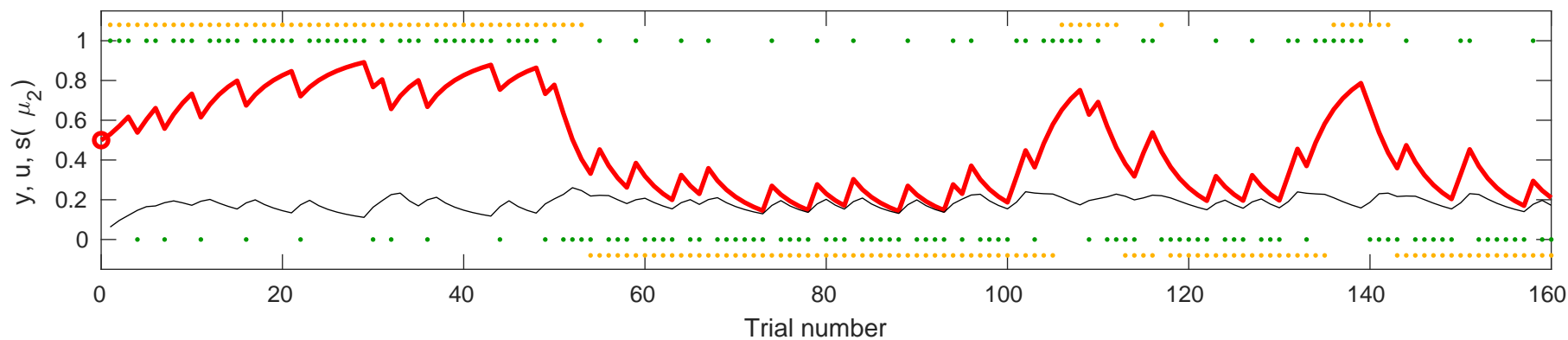
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.9016$

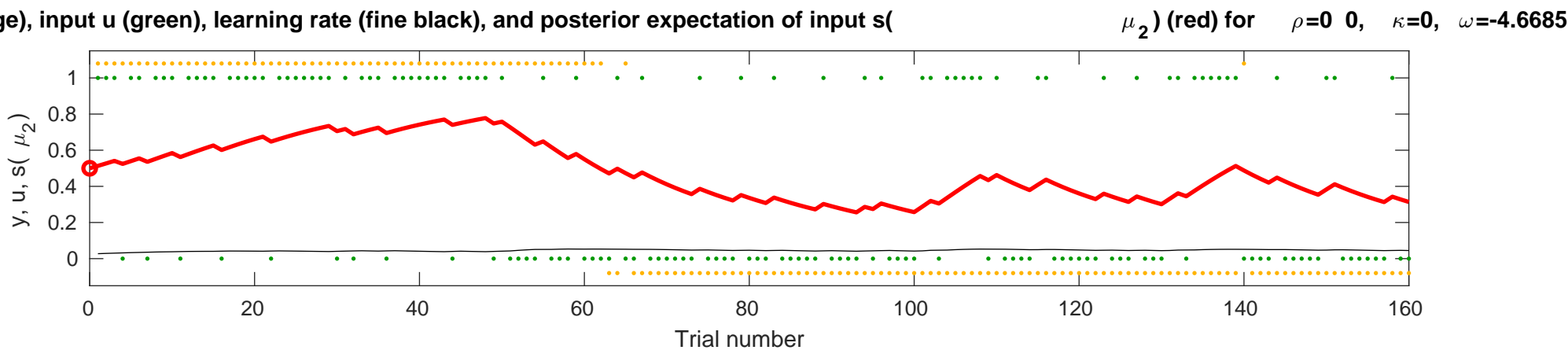
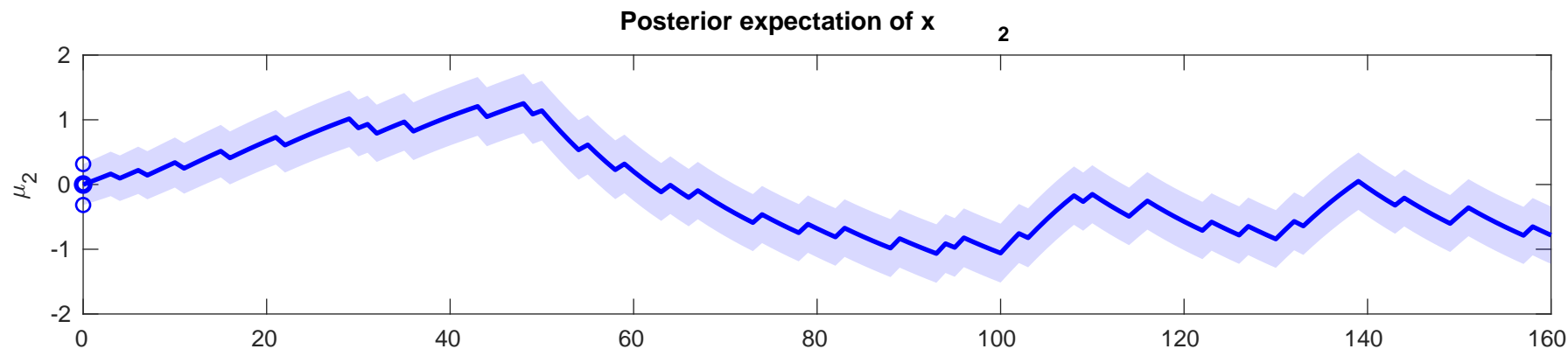
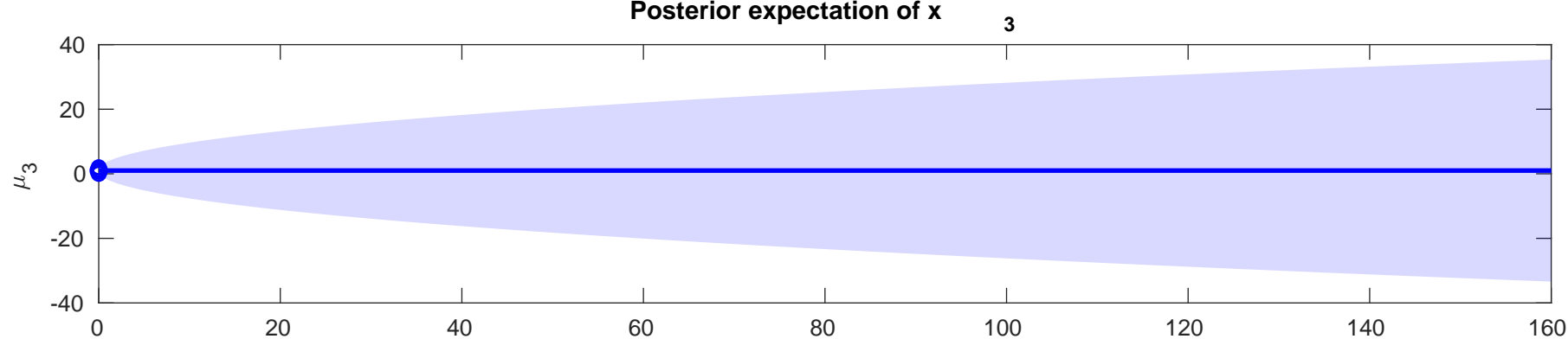






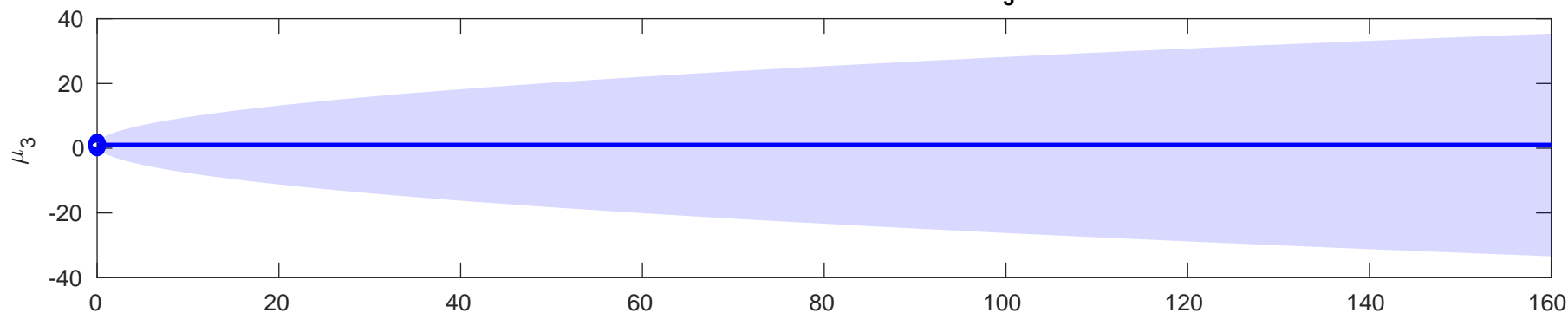
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.8883$





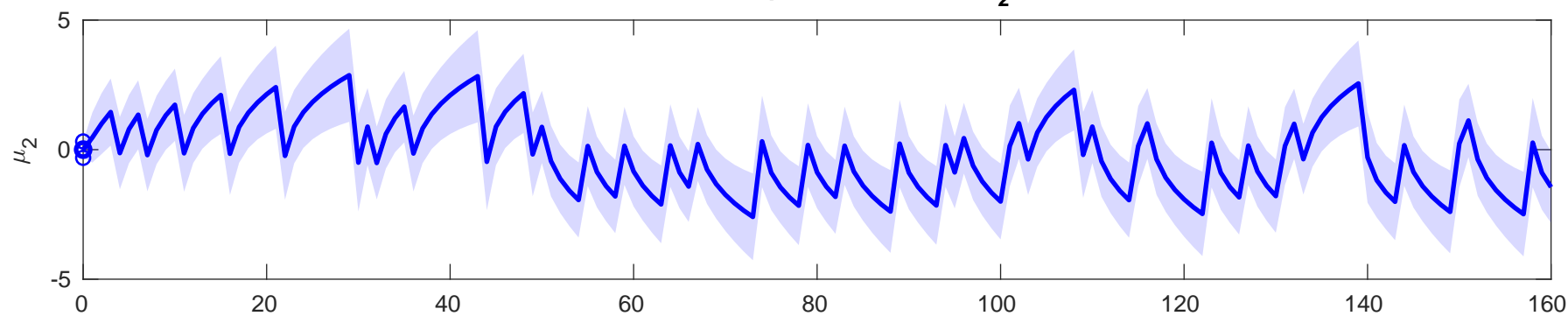
Posterior expectation of  $x$

3



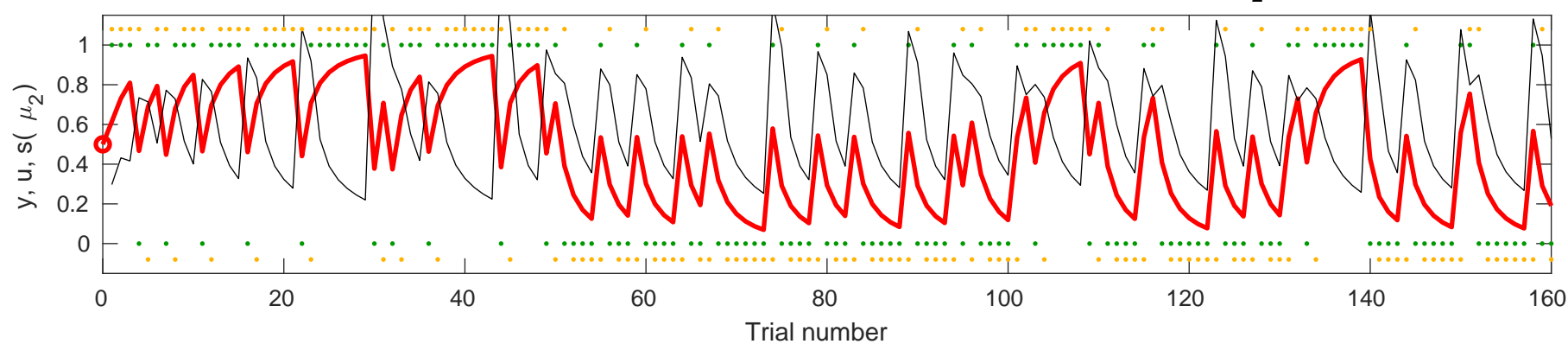
Posterior expectation of  $x$

2



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

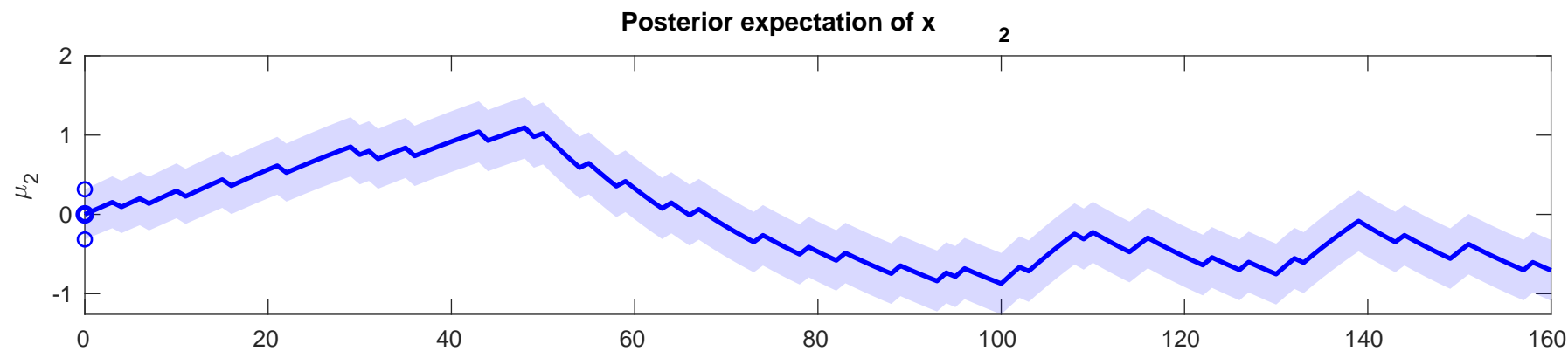
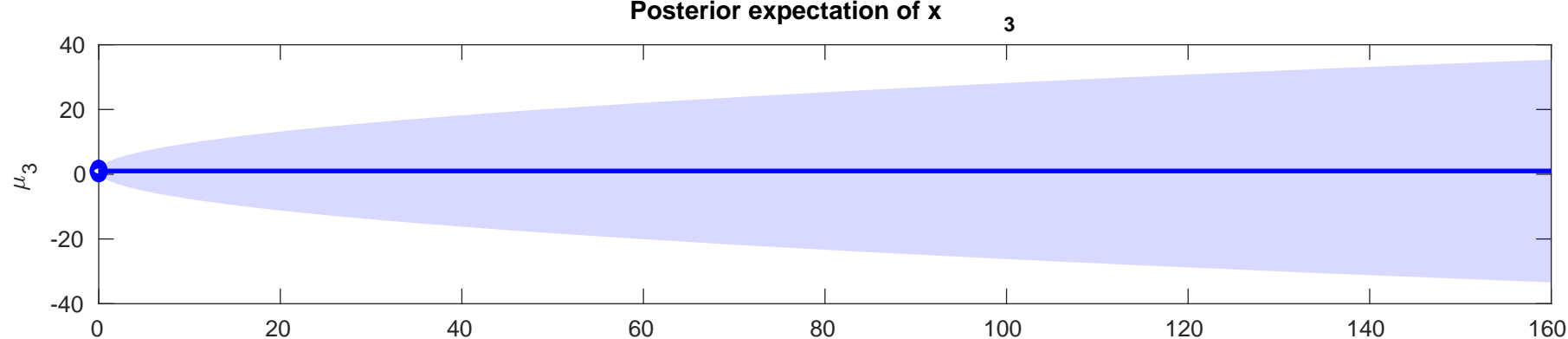
$\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=0.11115$



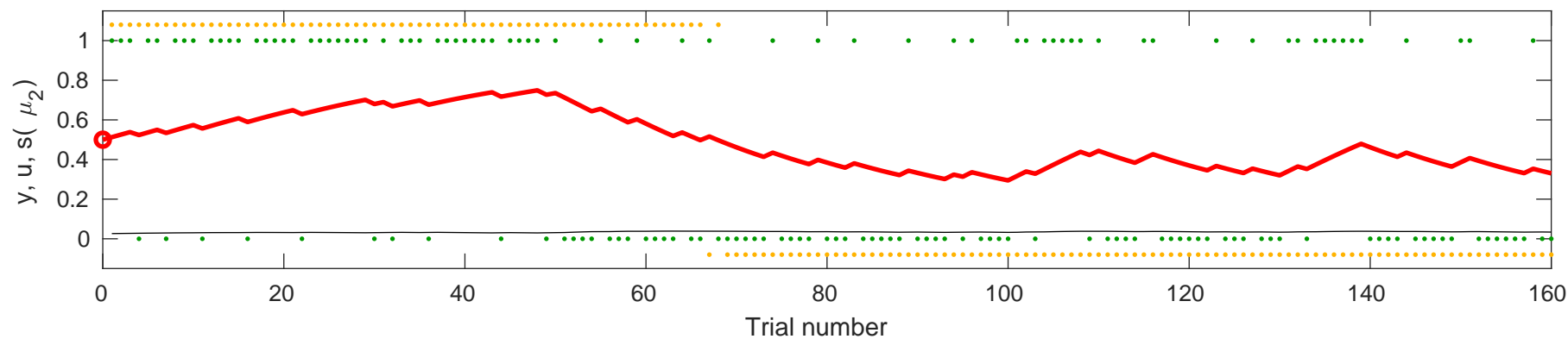


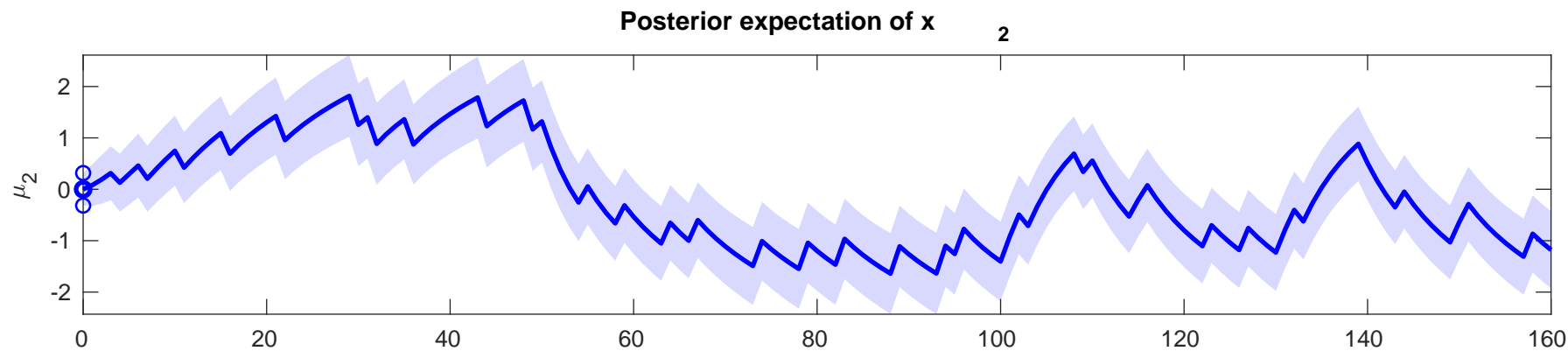




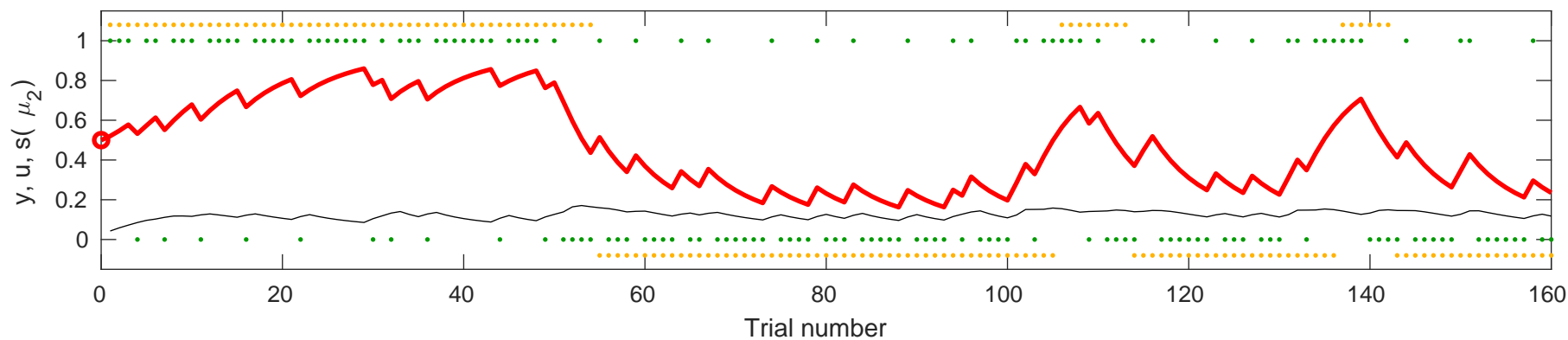


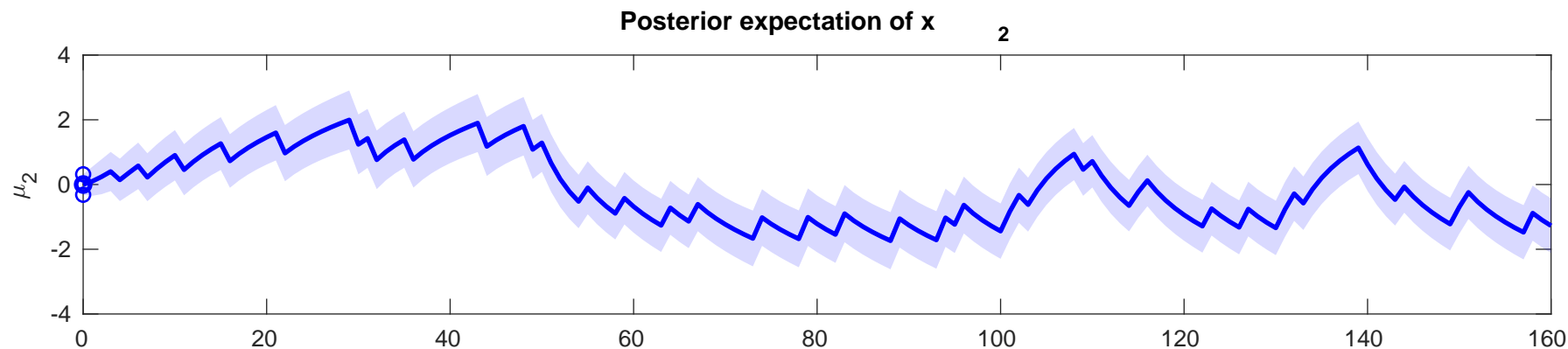
Posterior expectation of  $x_2$  (red), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  (orange) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-5.2566$



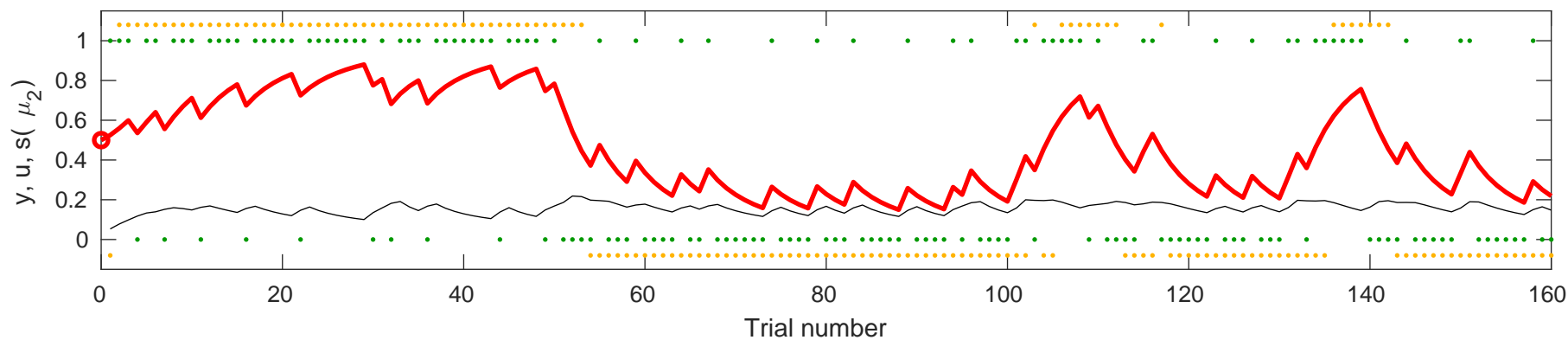


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.6391$



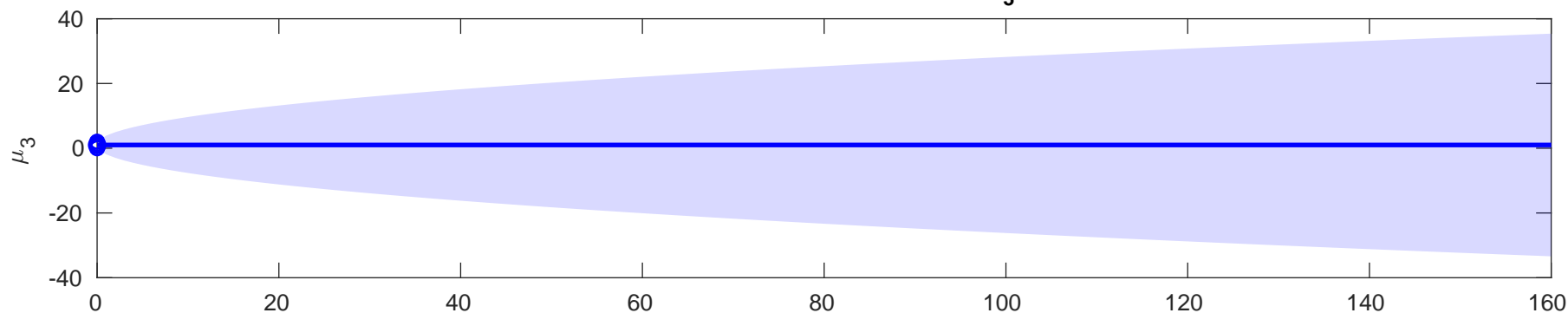


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.1841$

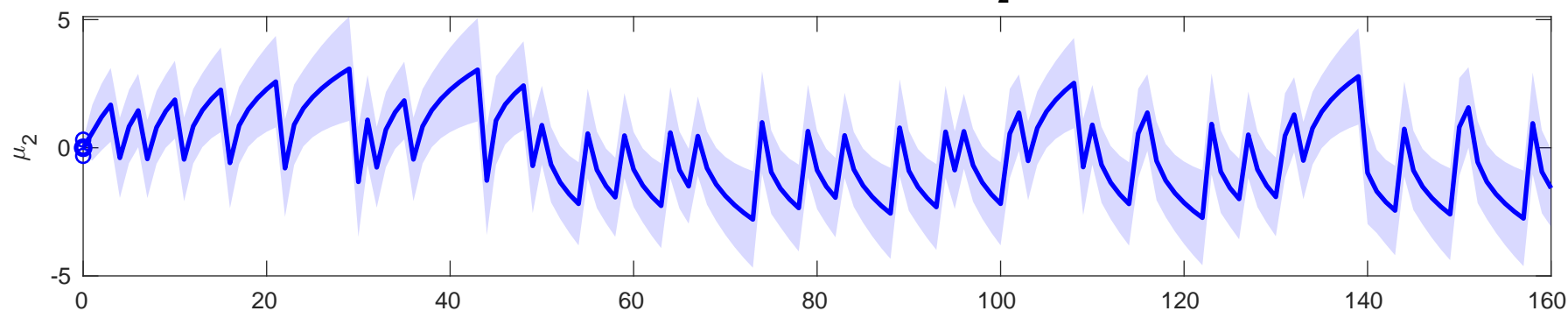
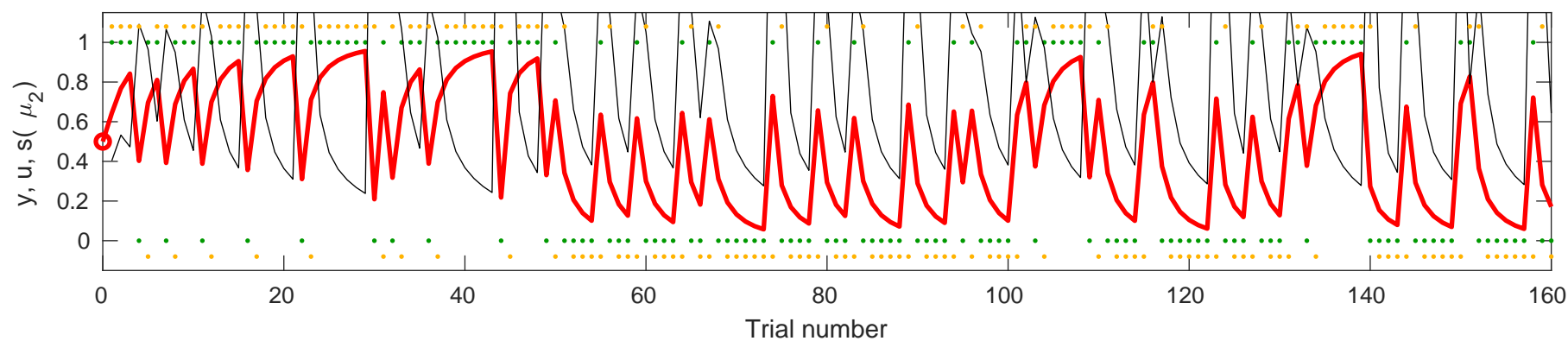


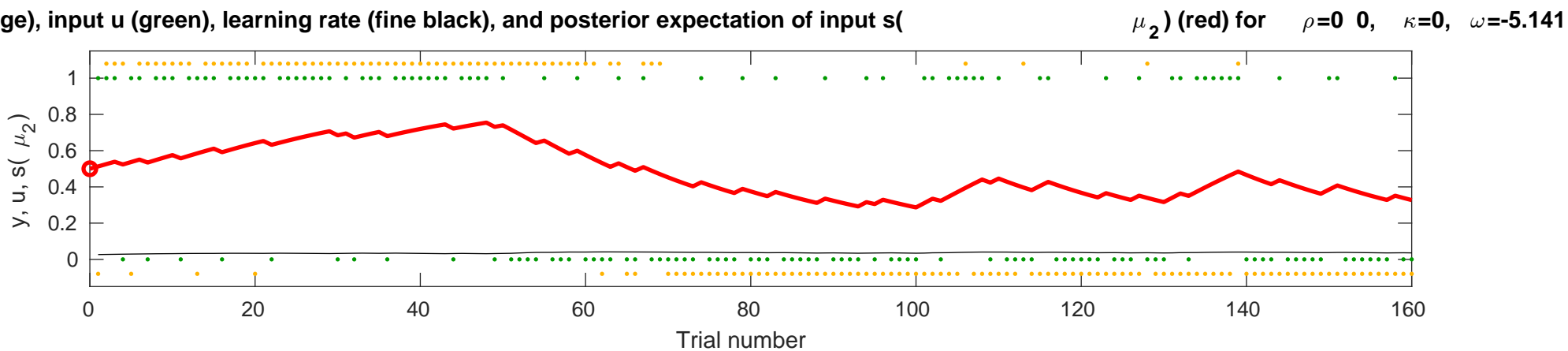
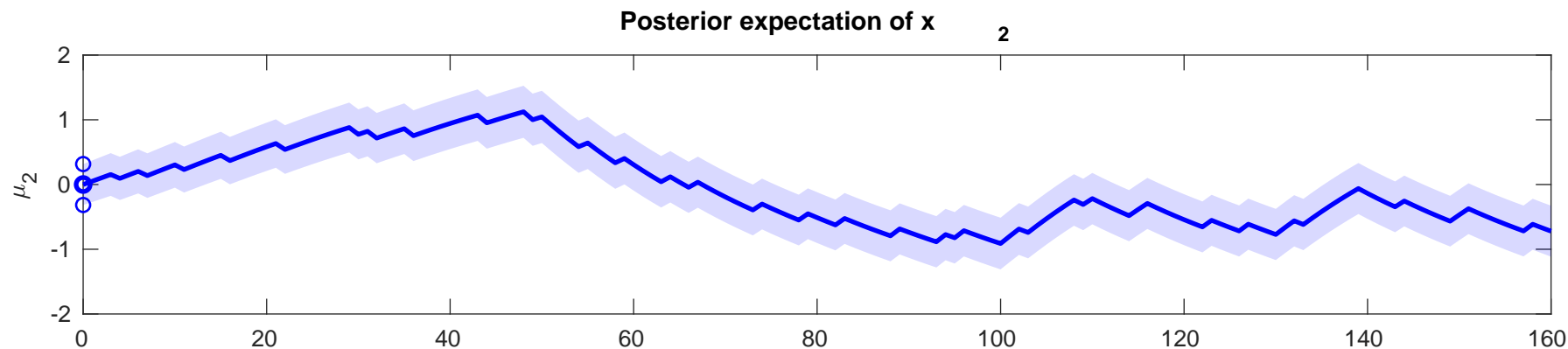
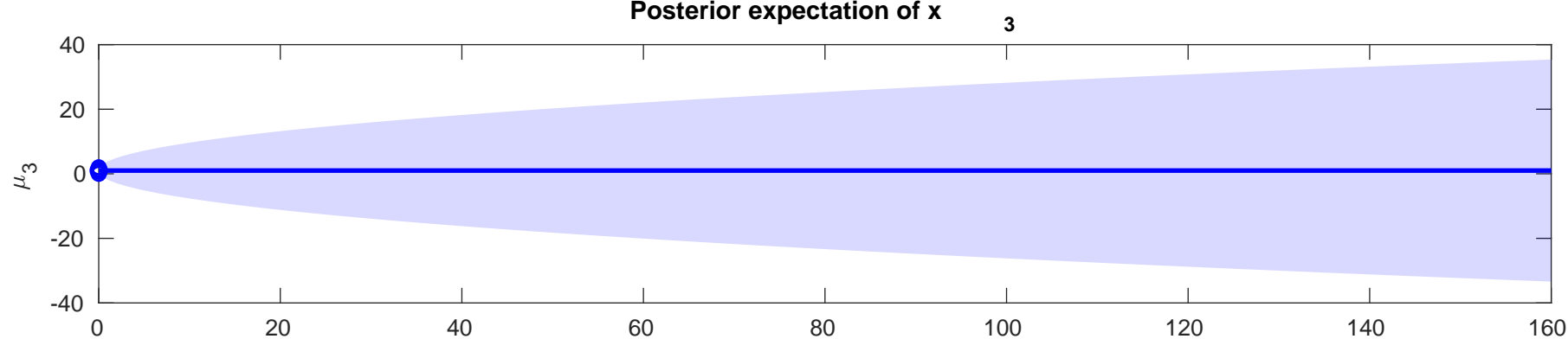
Posterior expectation of  $x$ 

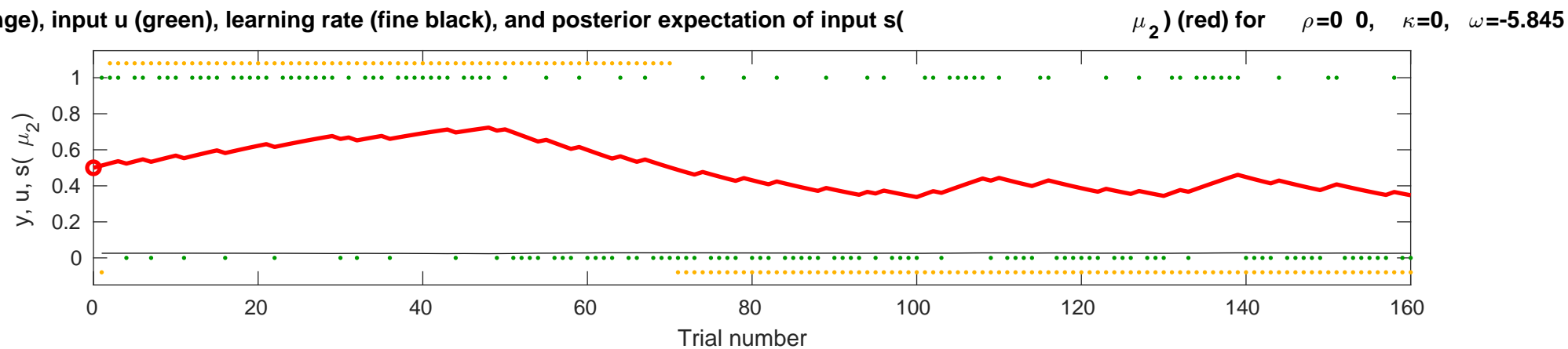
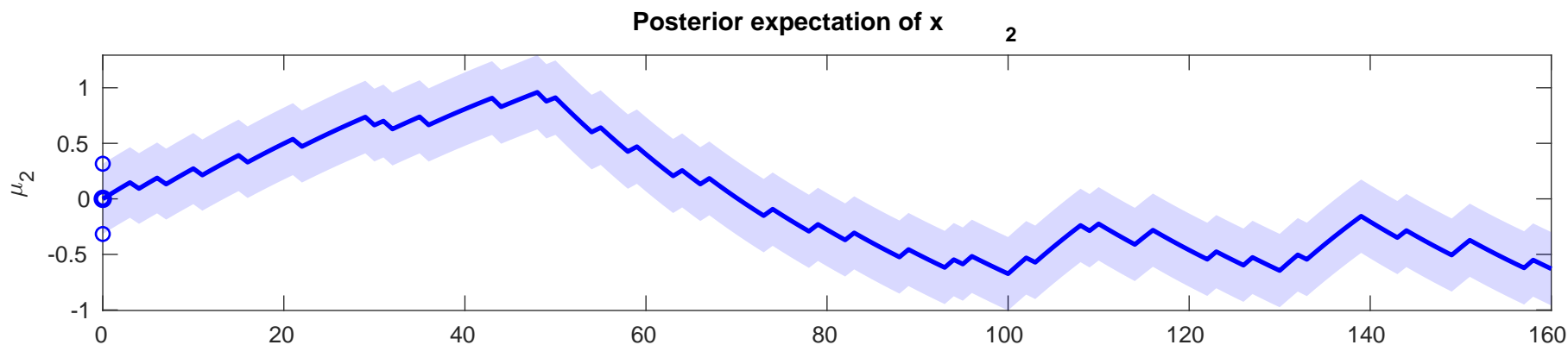
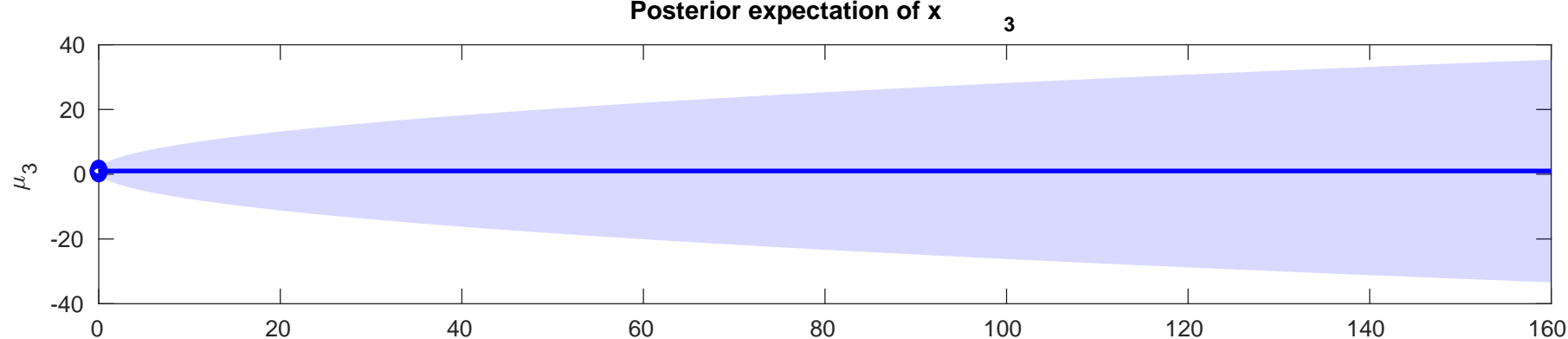
3

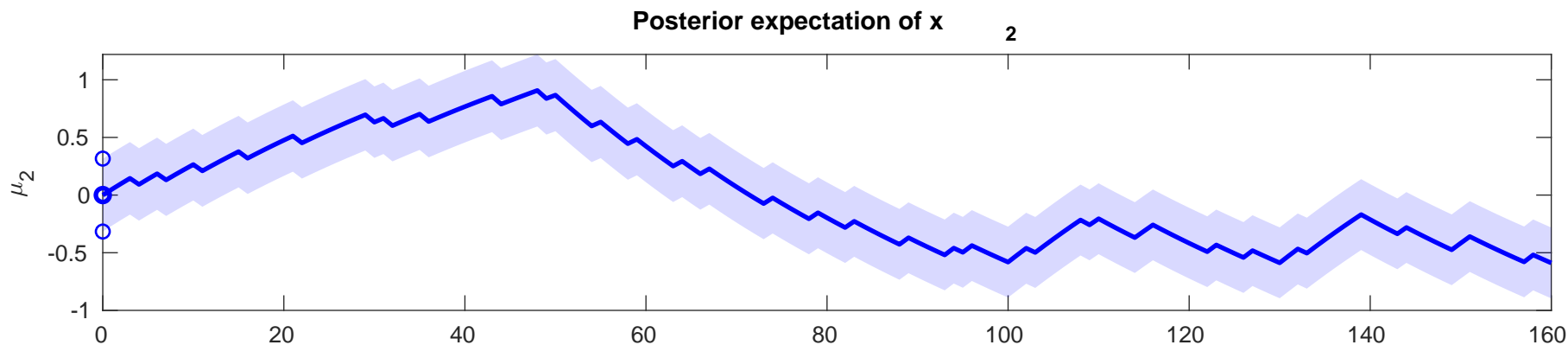
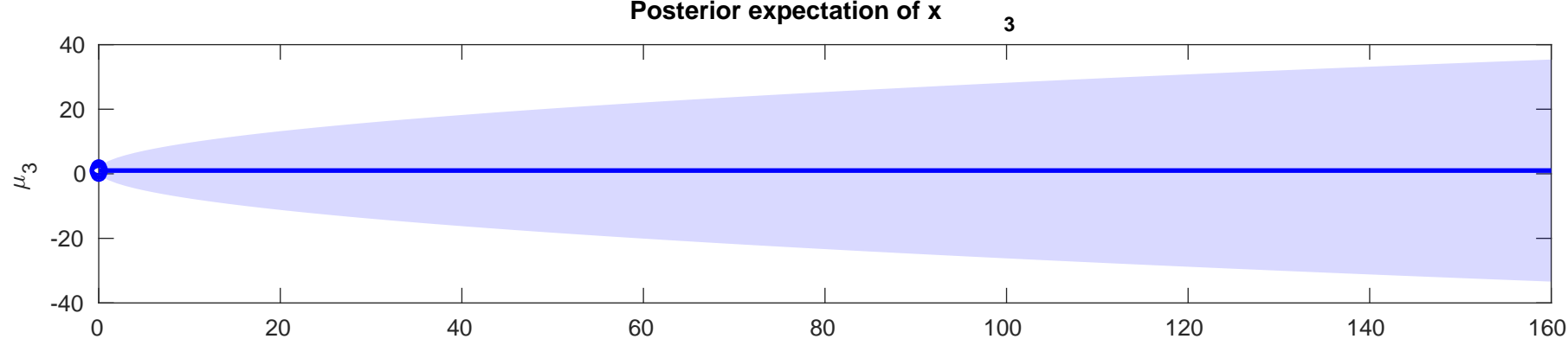
Posterior expectation of  $x$ 

2

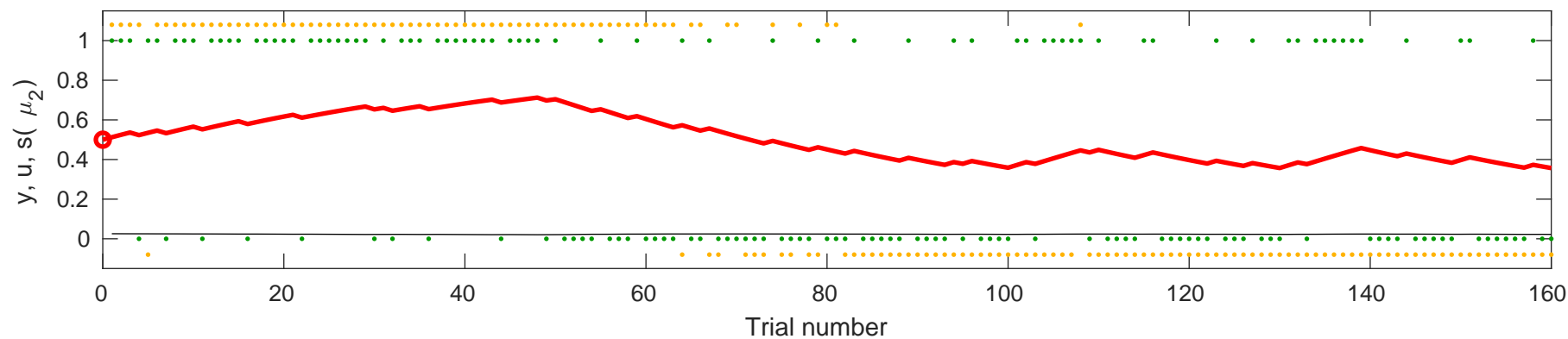
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=0.45798$ 

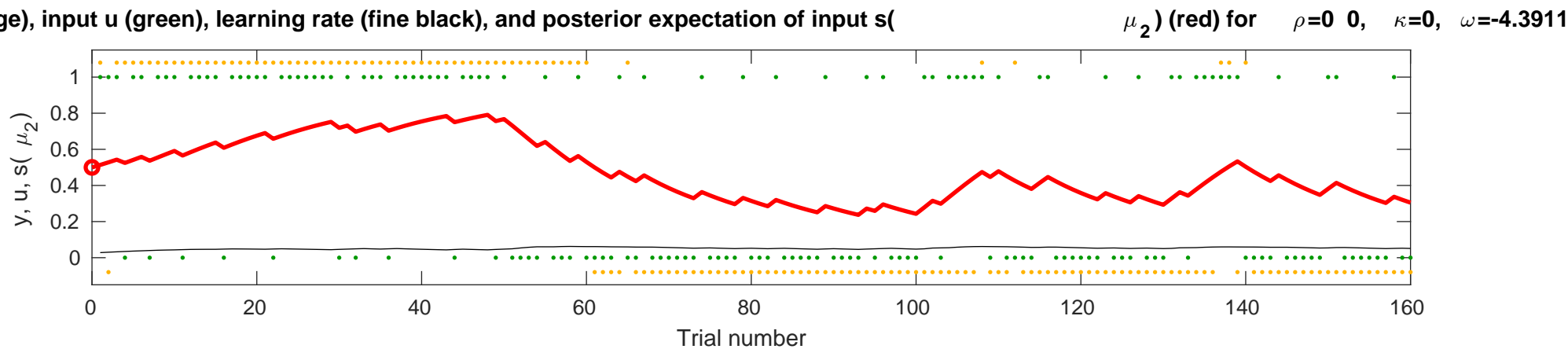
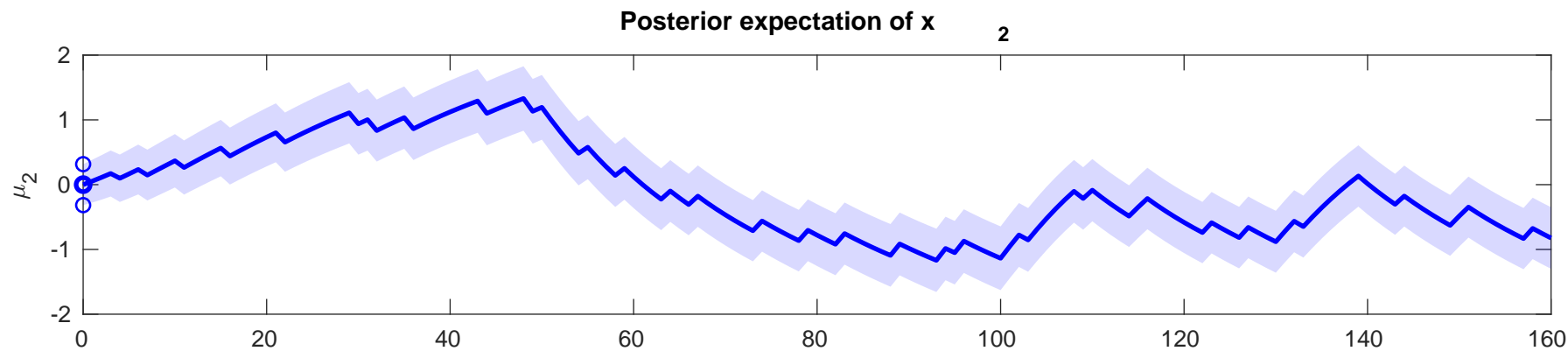




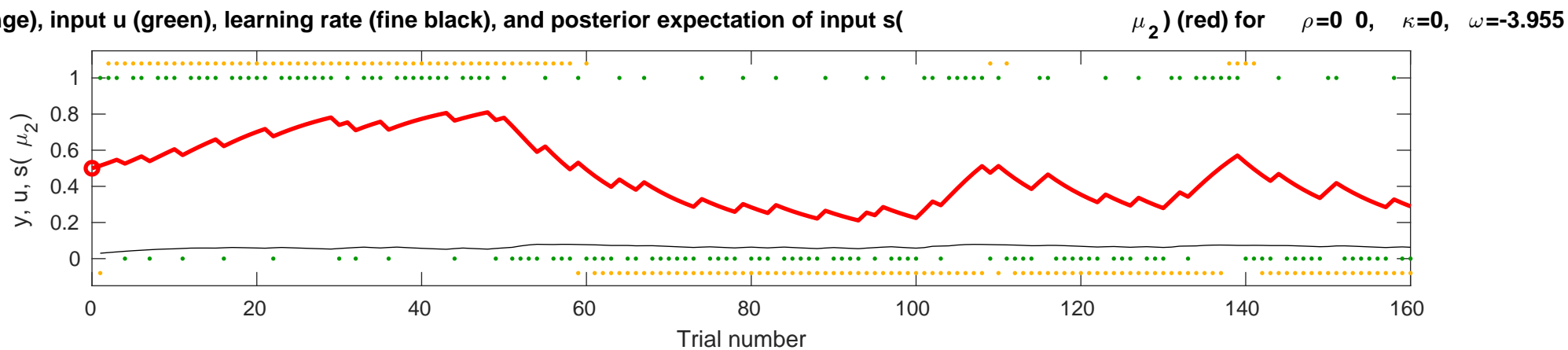
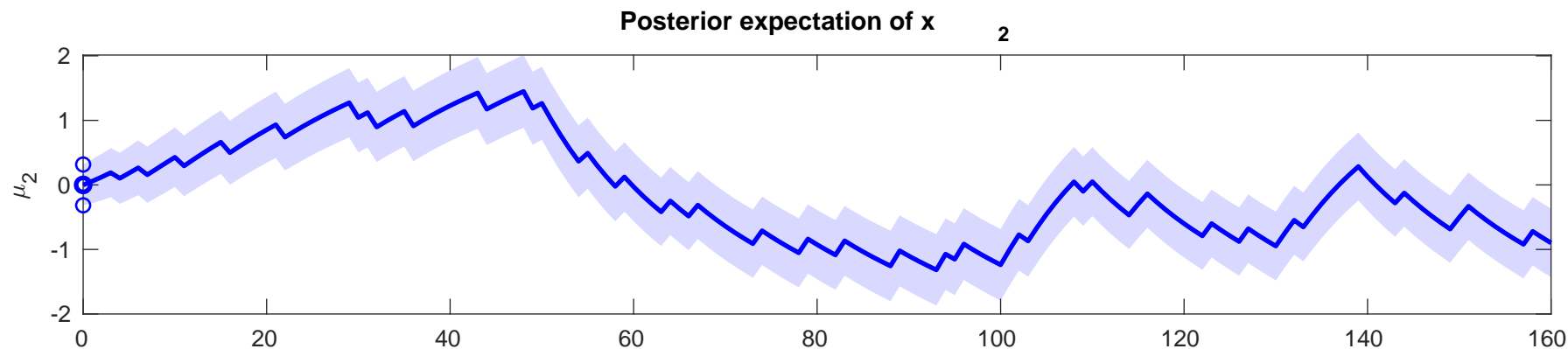


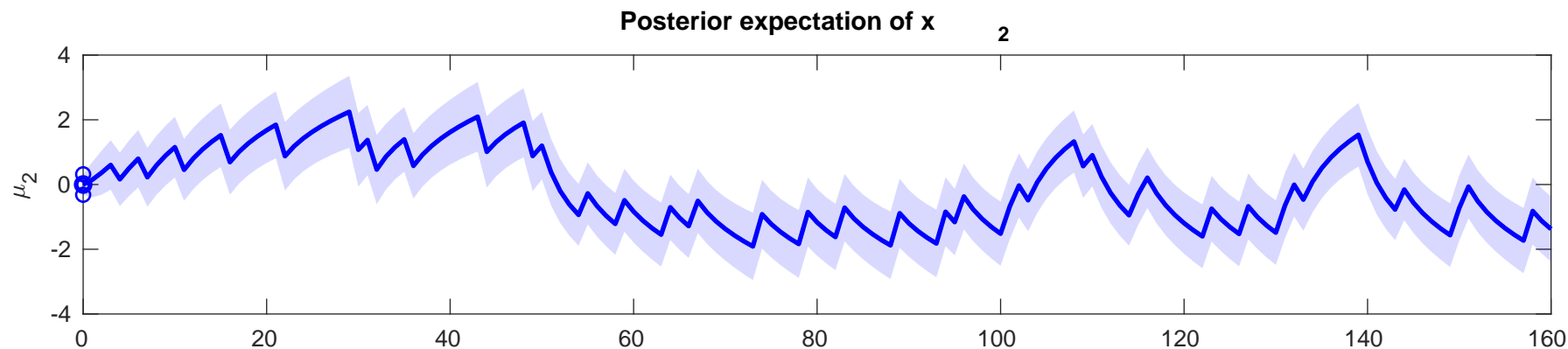
Posterior expectation of  $x_2$  (red), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  (orange) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-6.1261$



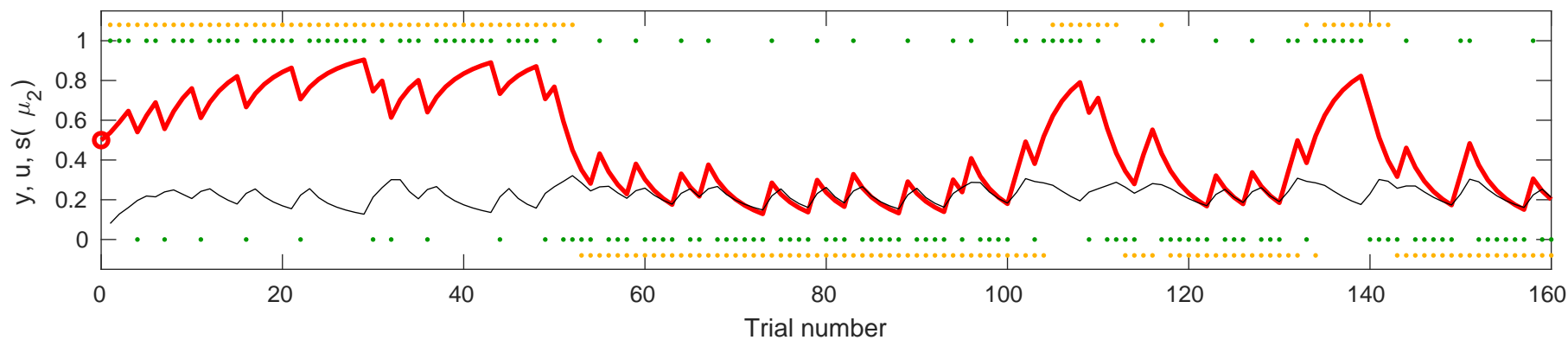


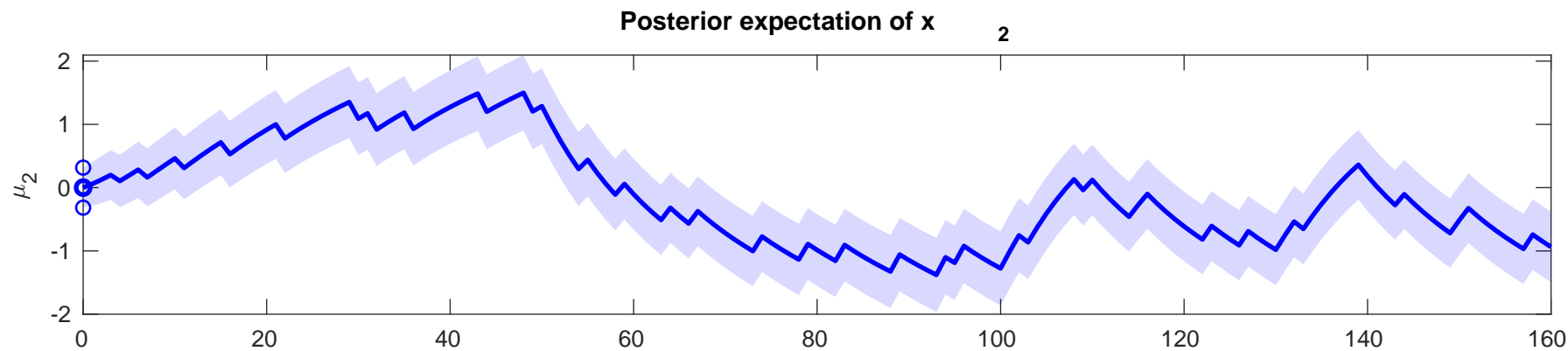




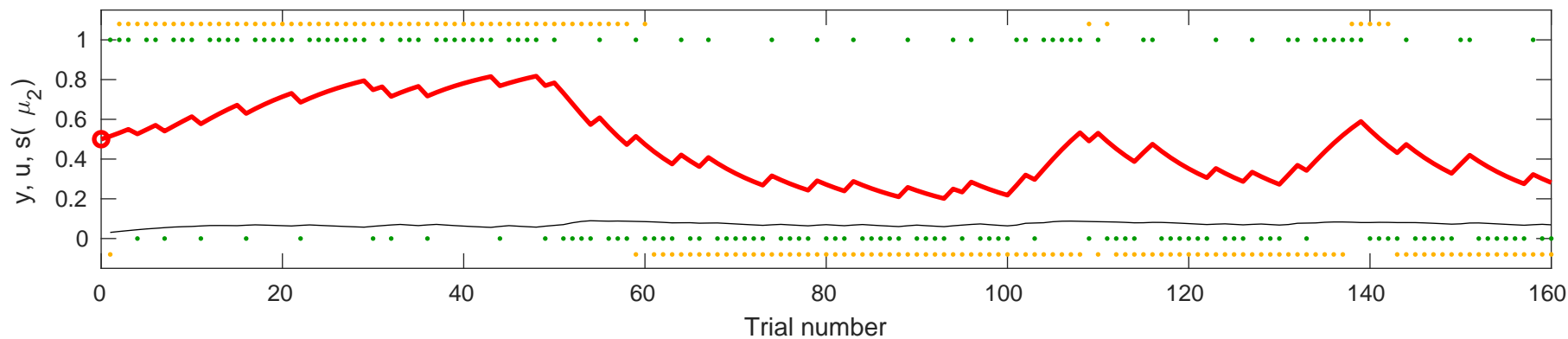


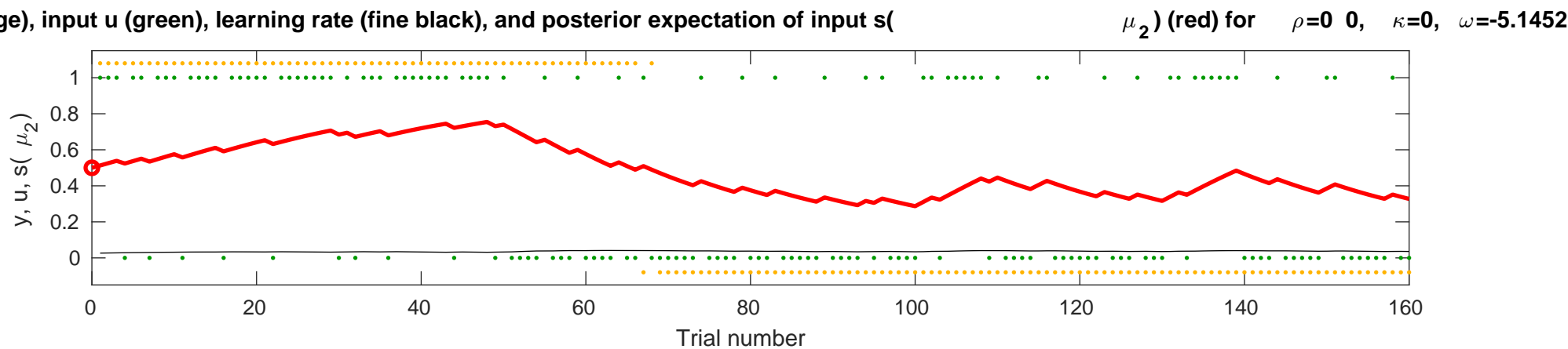
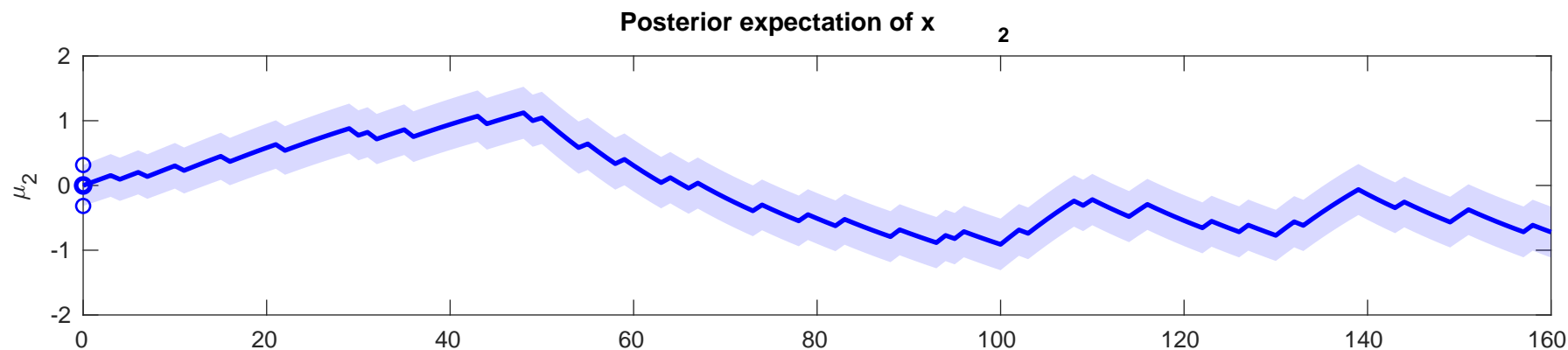
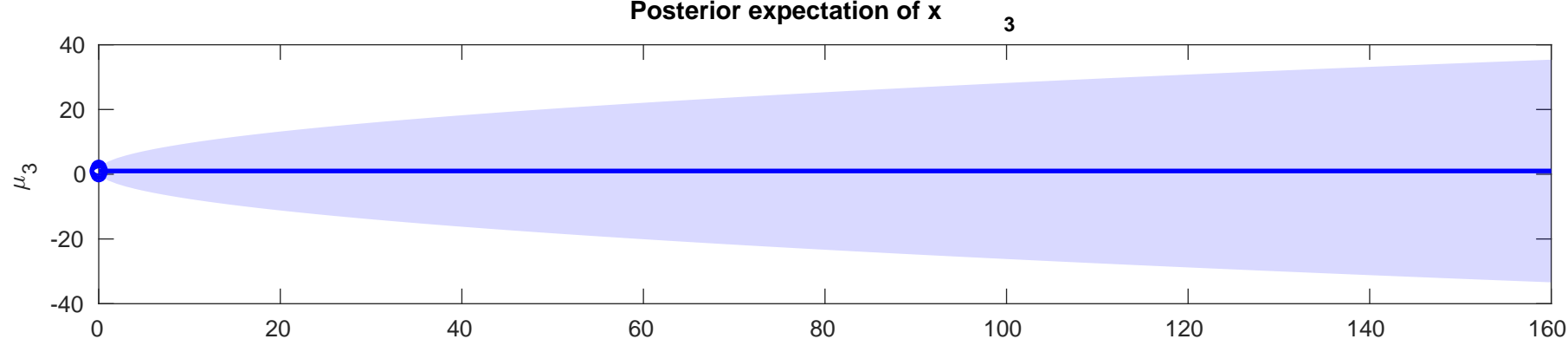
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.5017$





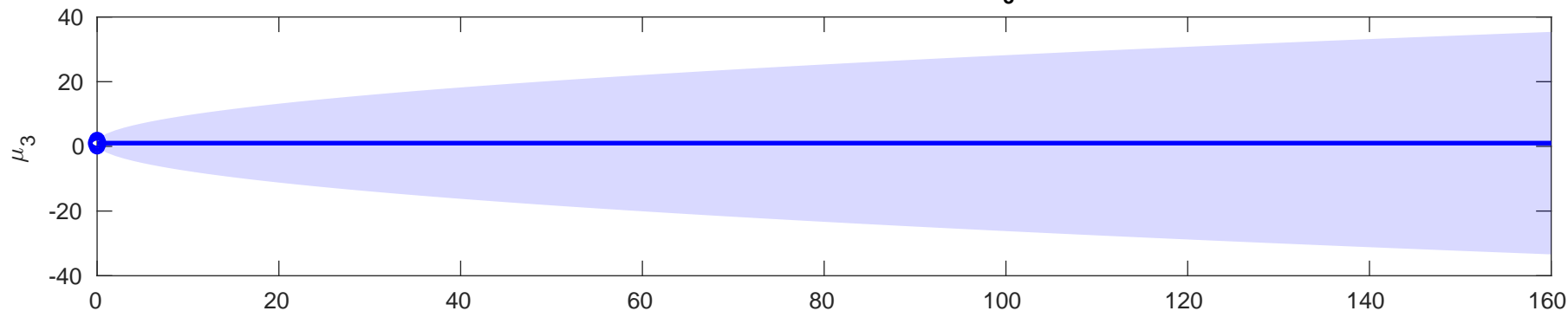
Posterior expectation of  $x$  1  
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.7565$





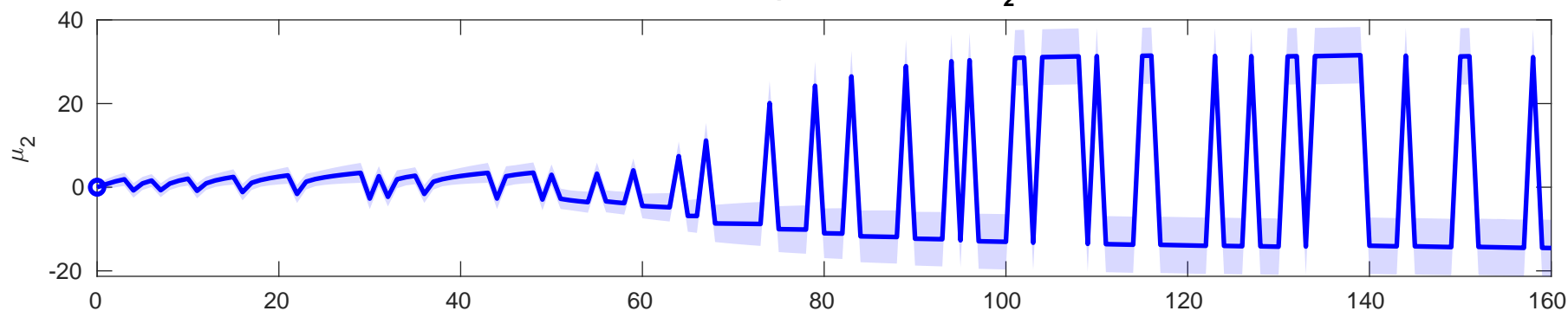
Posterior expectation of x

3

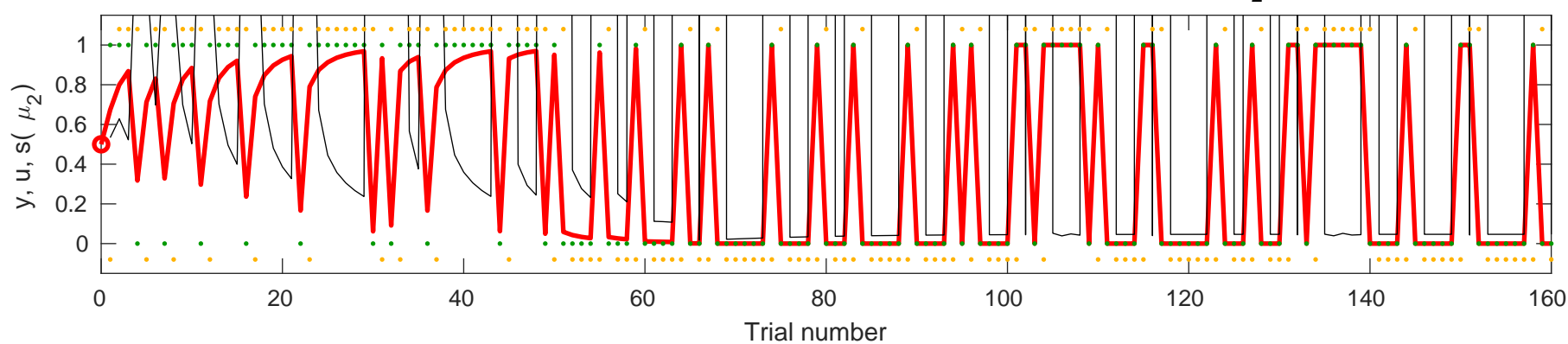


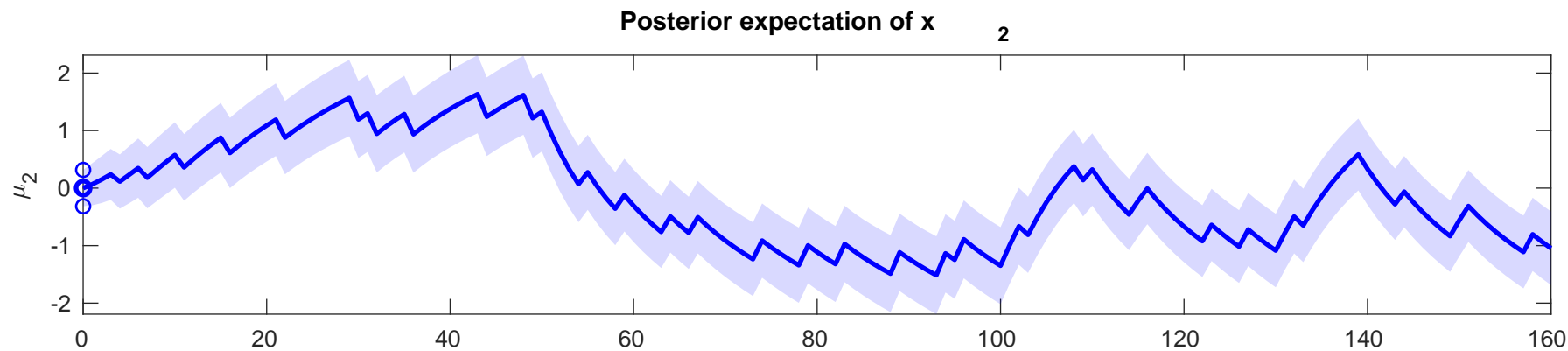
Posterior expectation of x

2

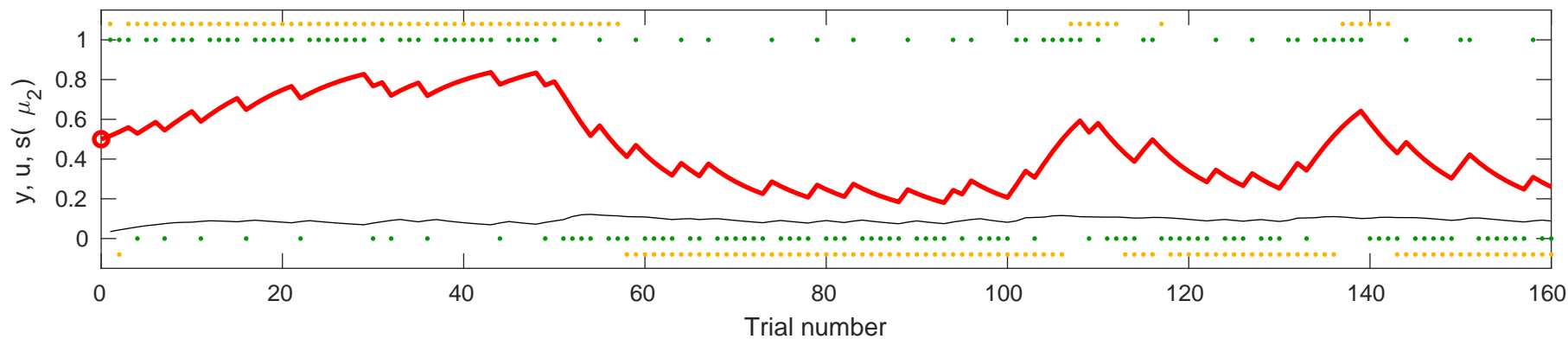


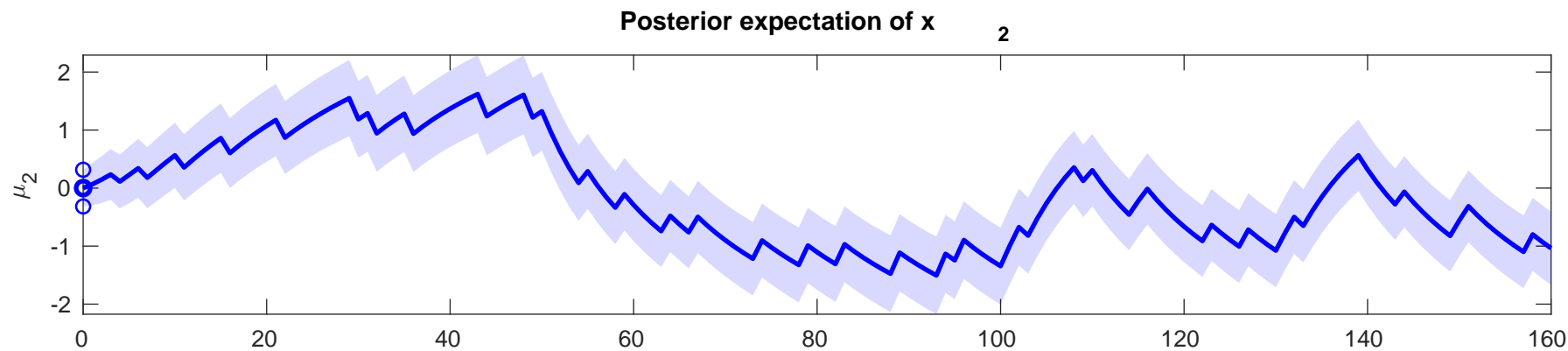
Posterior expectation of y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(

 $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=0.77957$ 

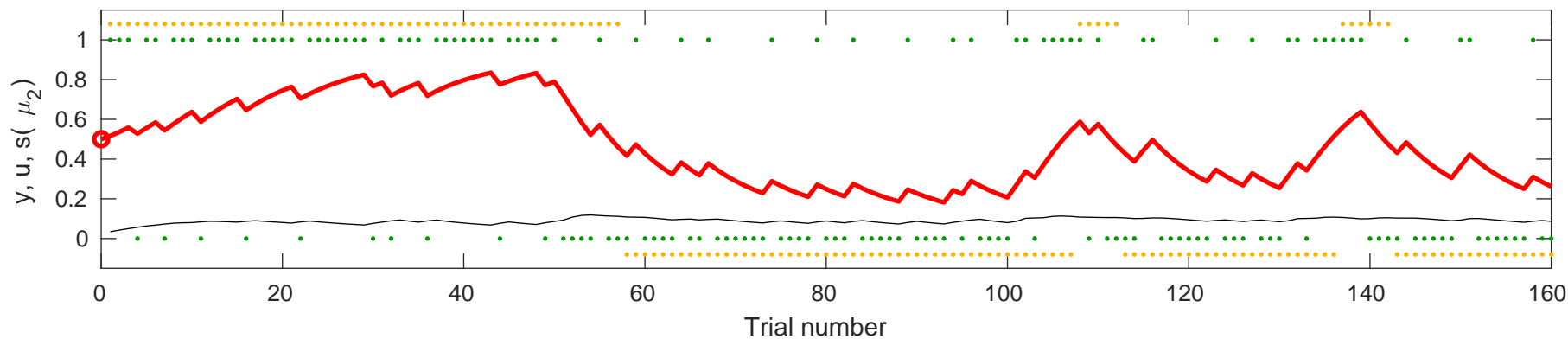


Posterior expectation of  $x$  1  
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.2399$



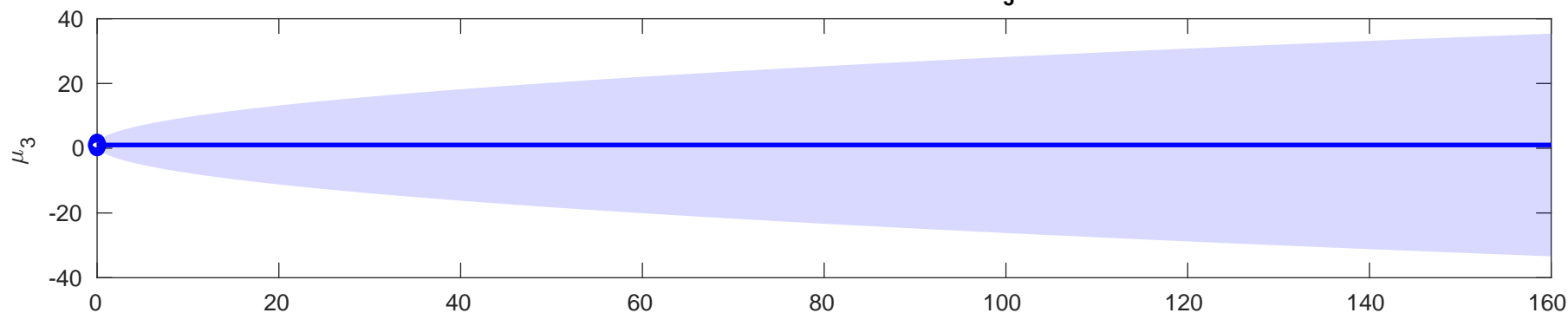


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.2829$



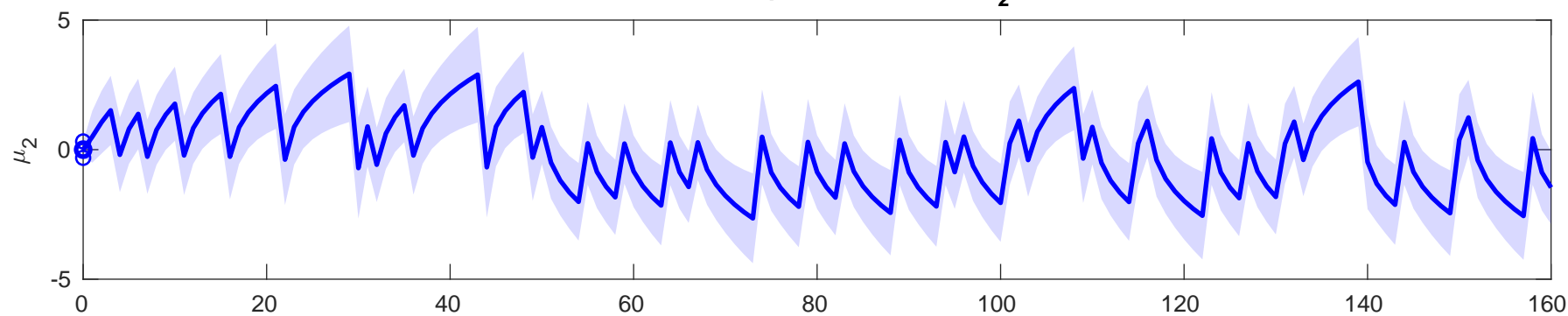
Posterior expectation of  $x$

3



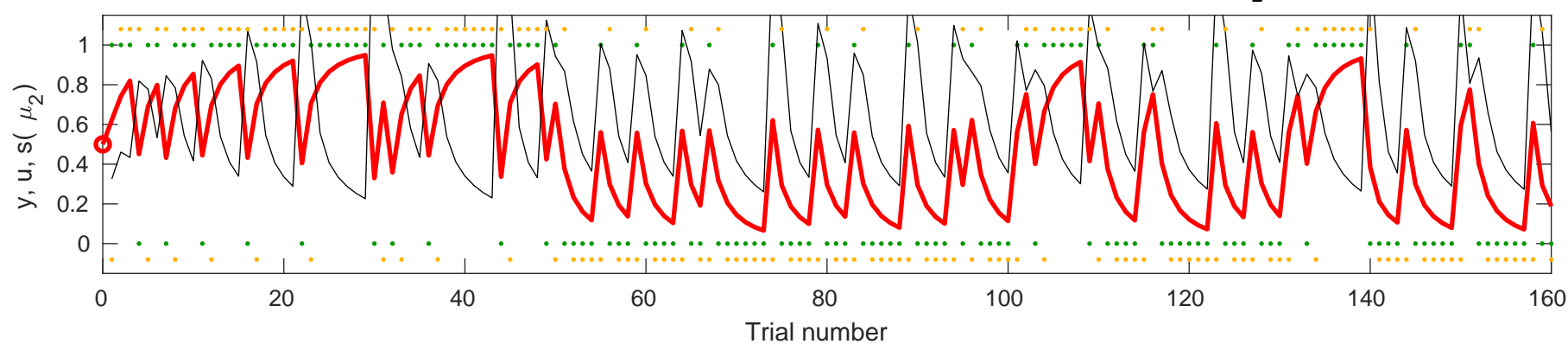
Posterior expectation of  $x$

2

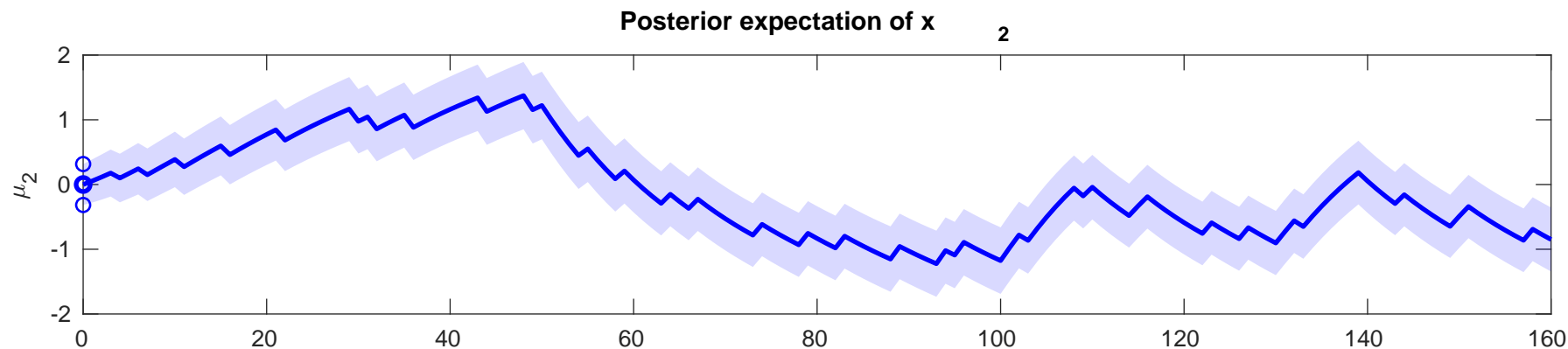


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ (

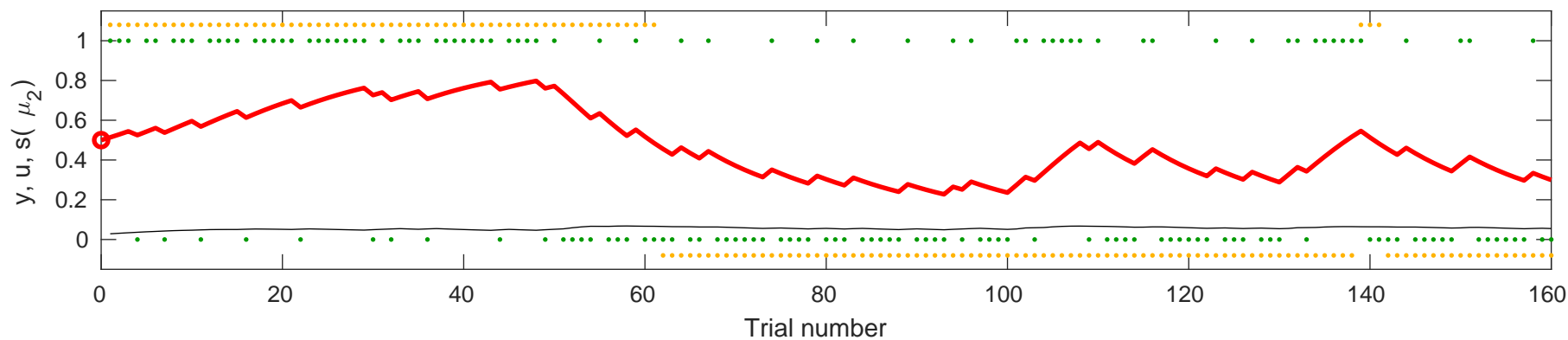
$\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=0.21416$

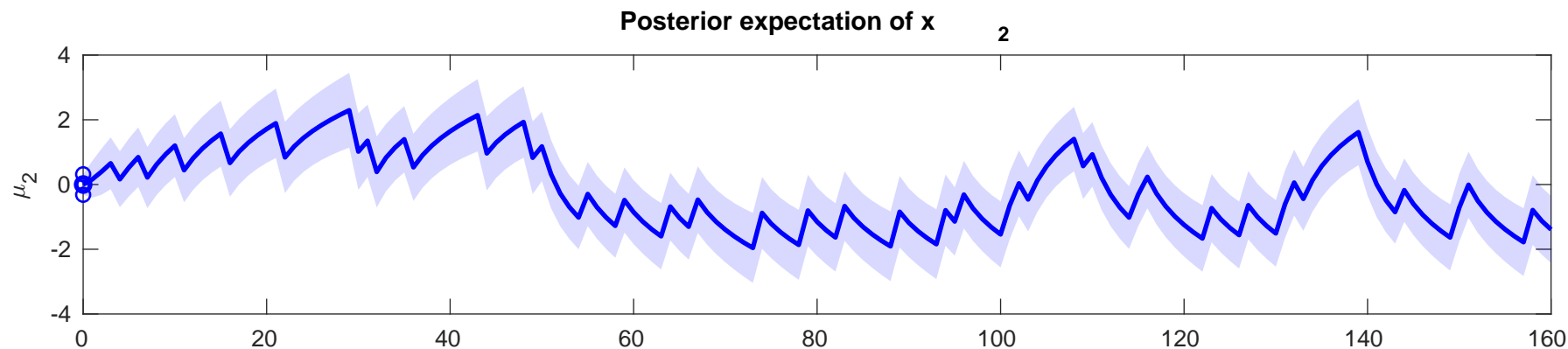
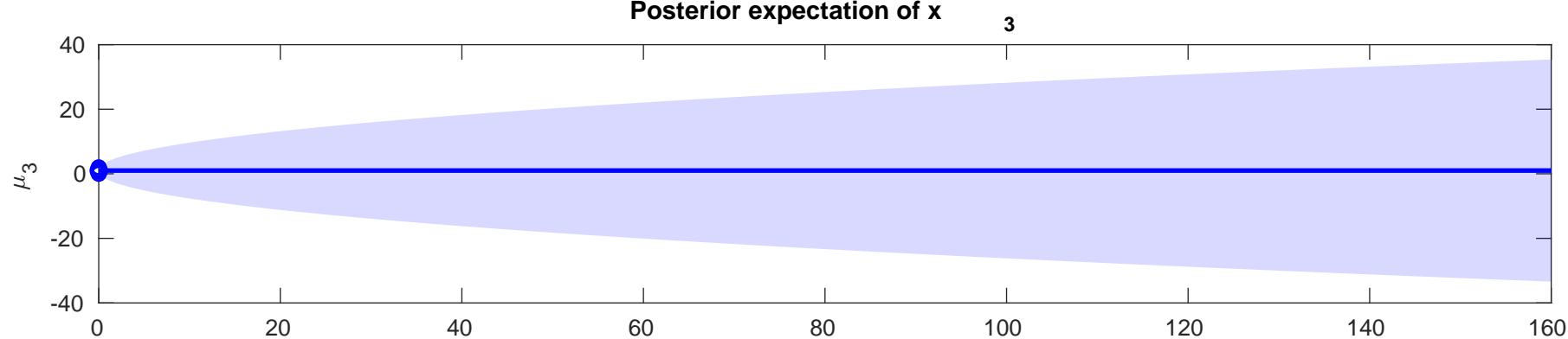




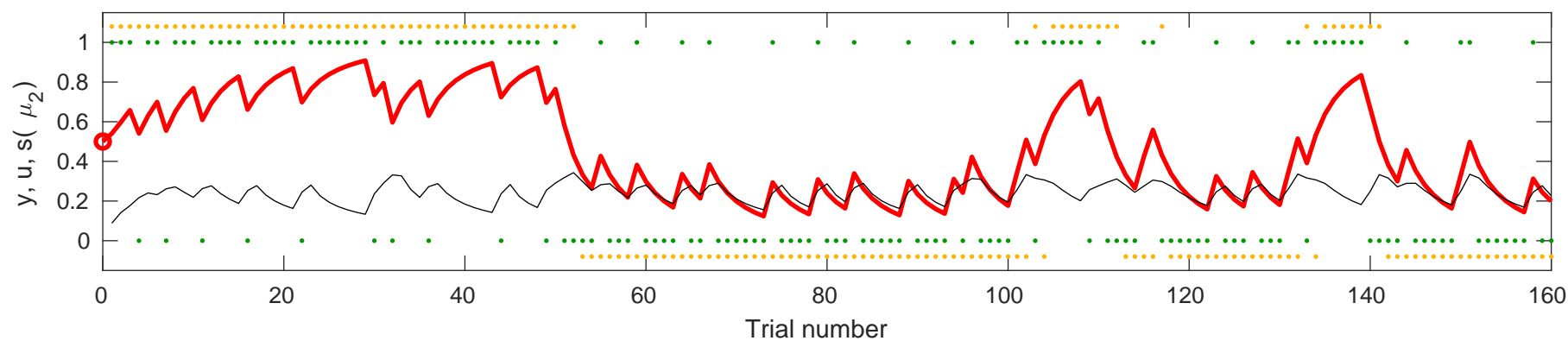


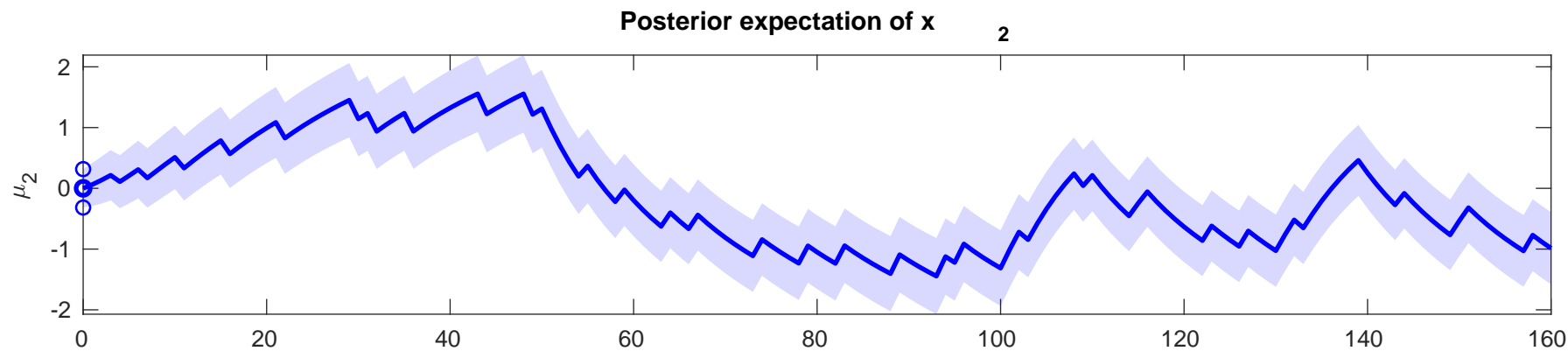
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-4.2356$



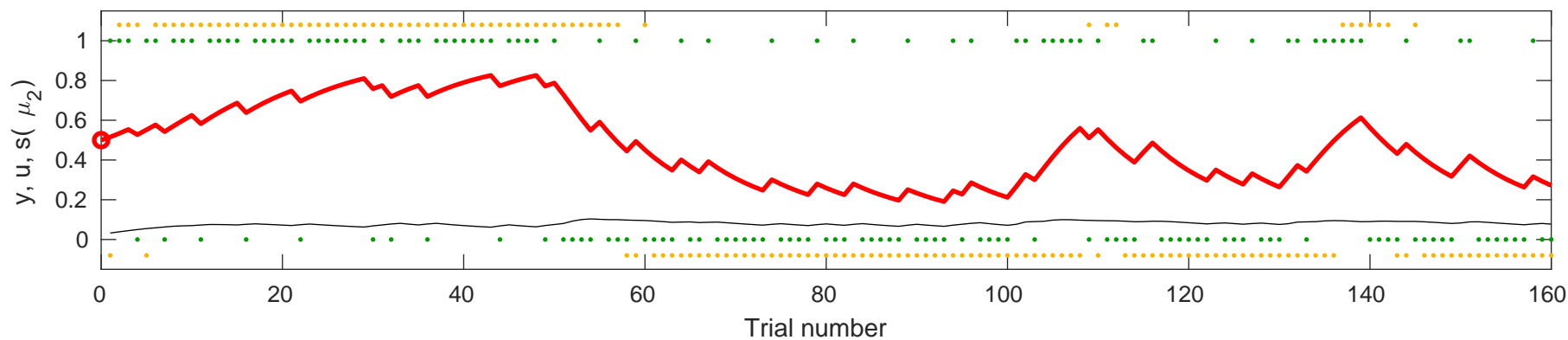


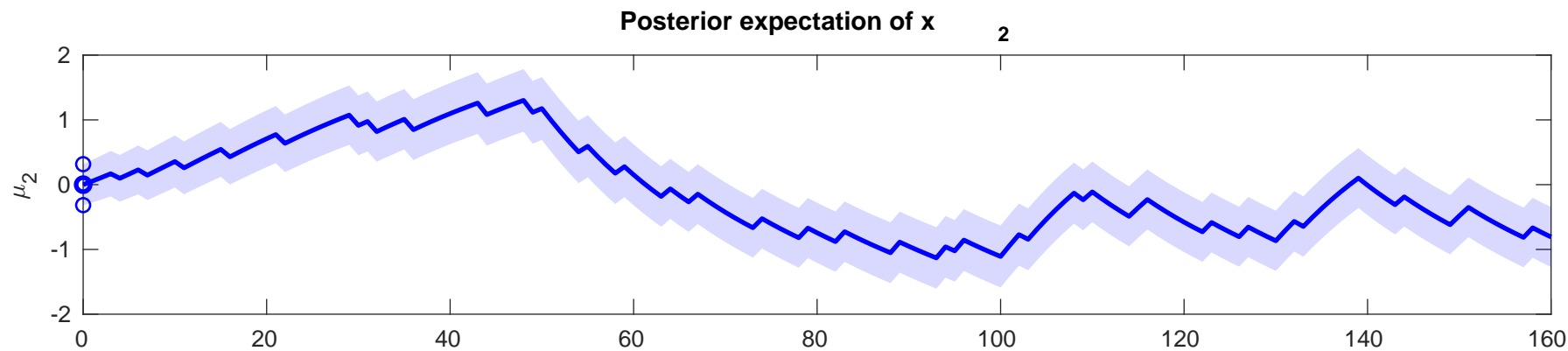
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.3688$

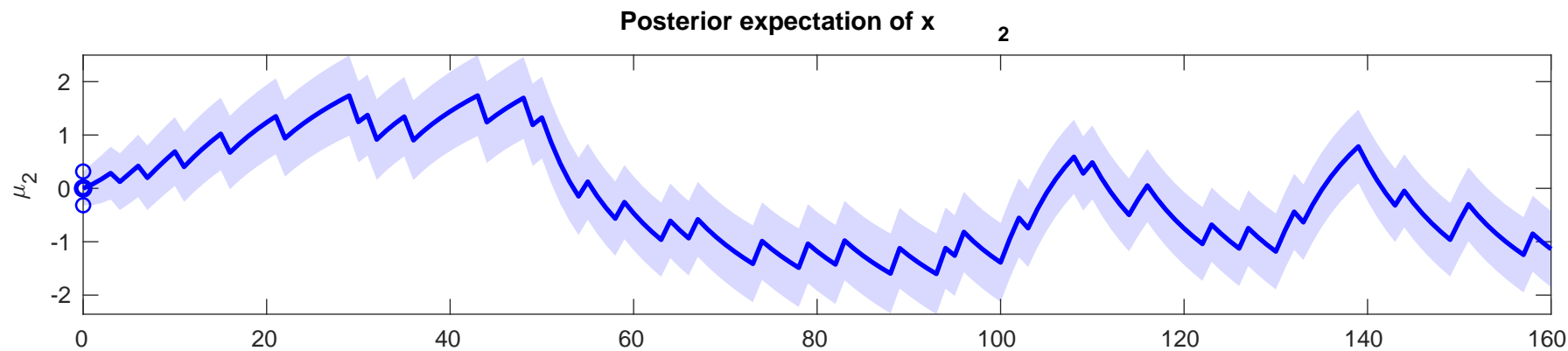
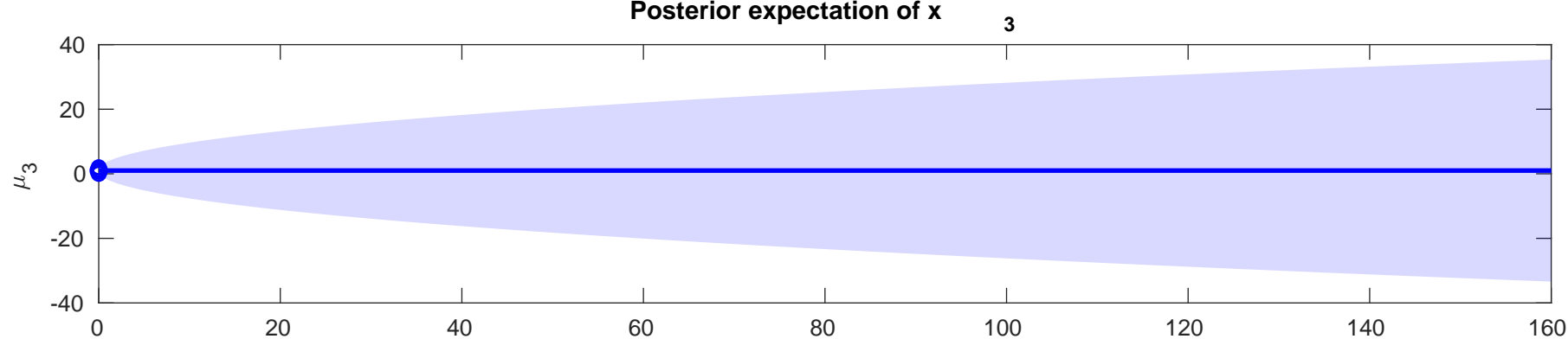




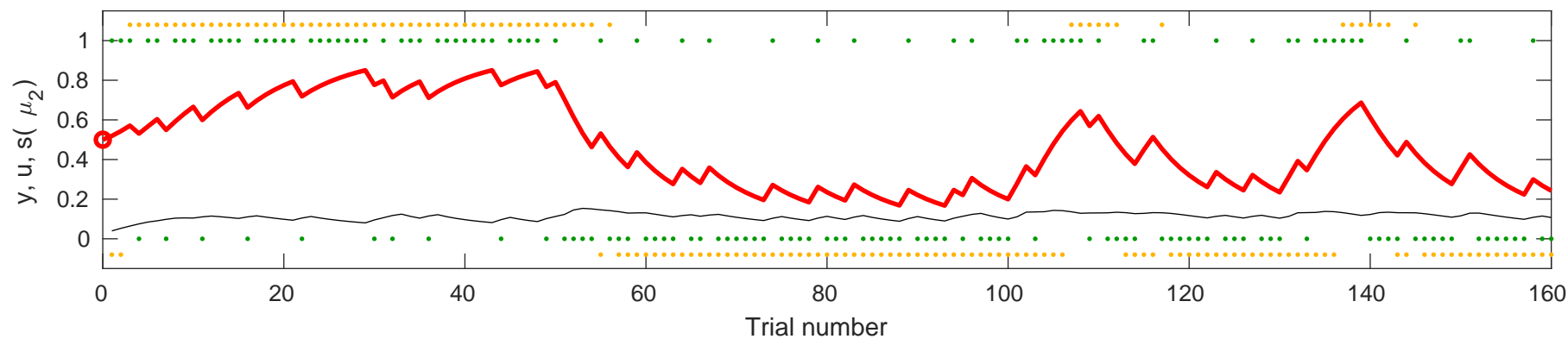
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.5174$

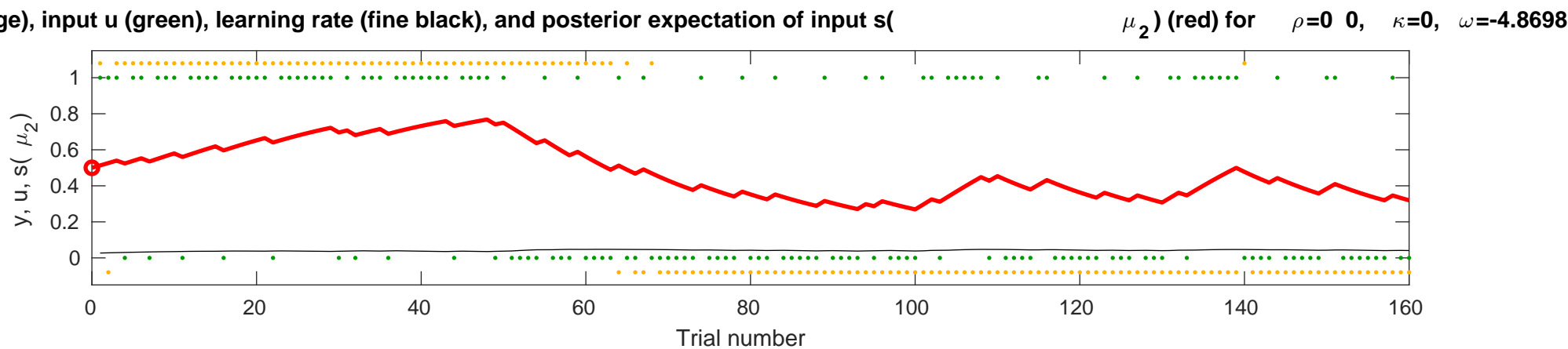
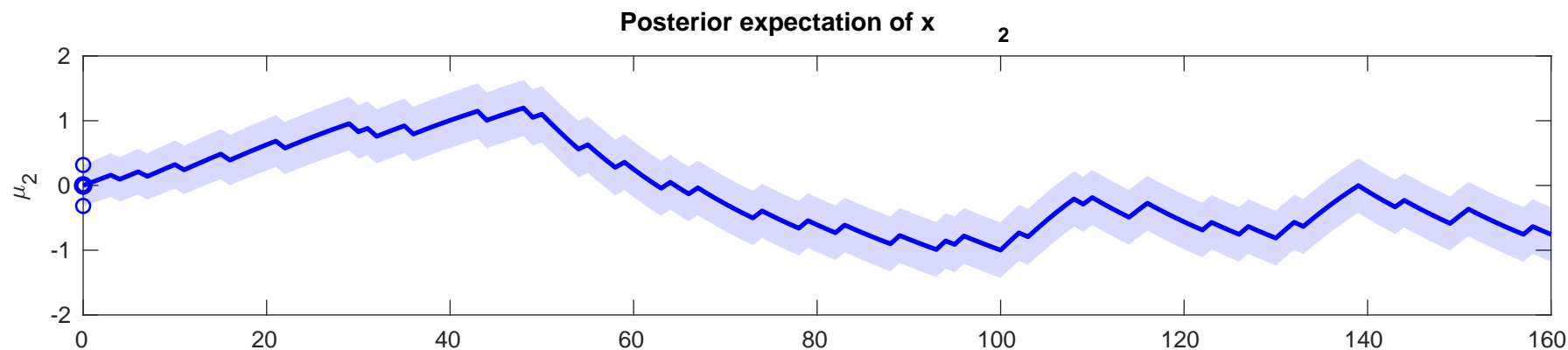
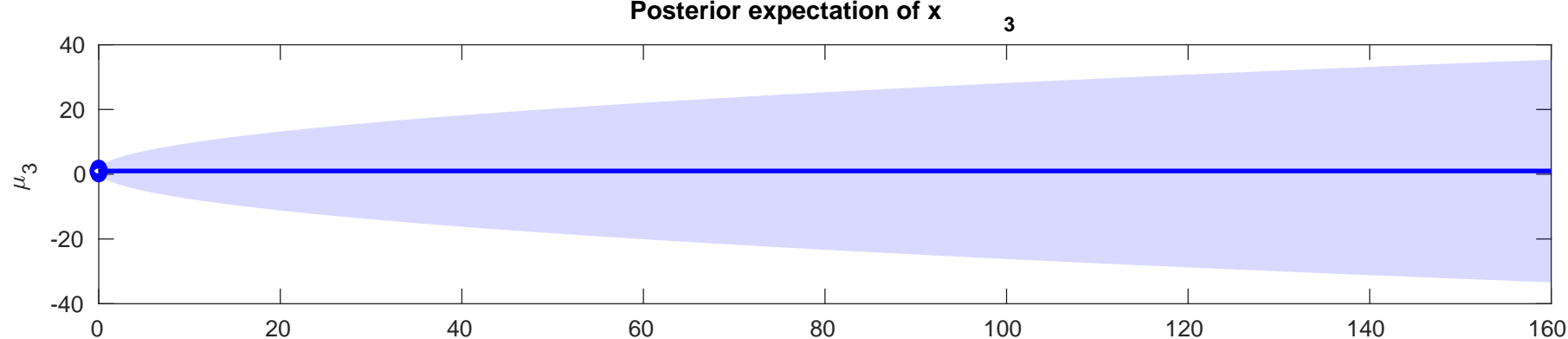


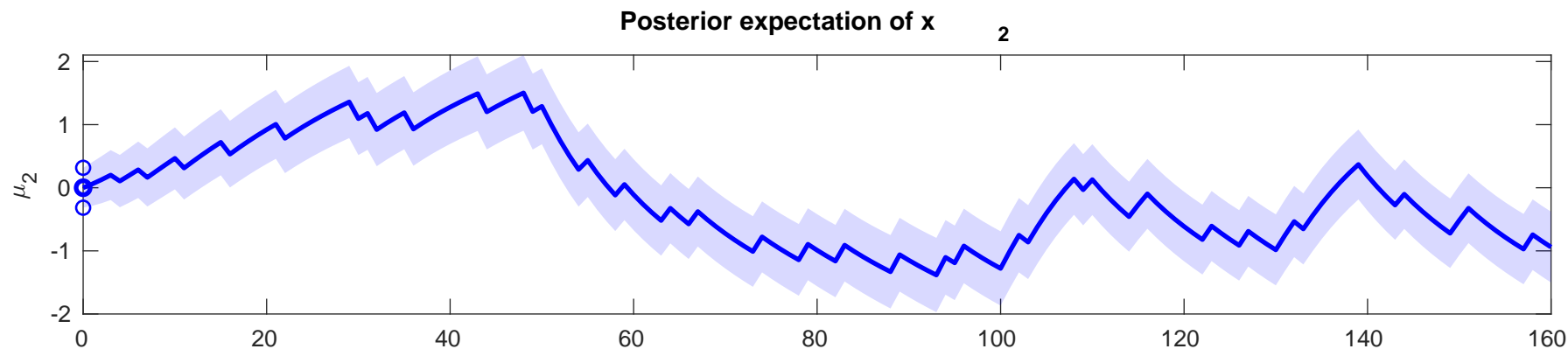




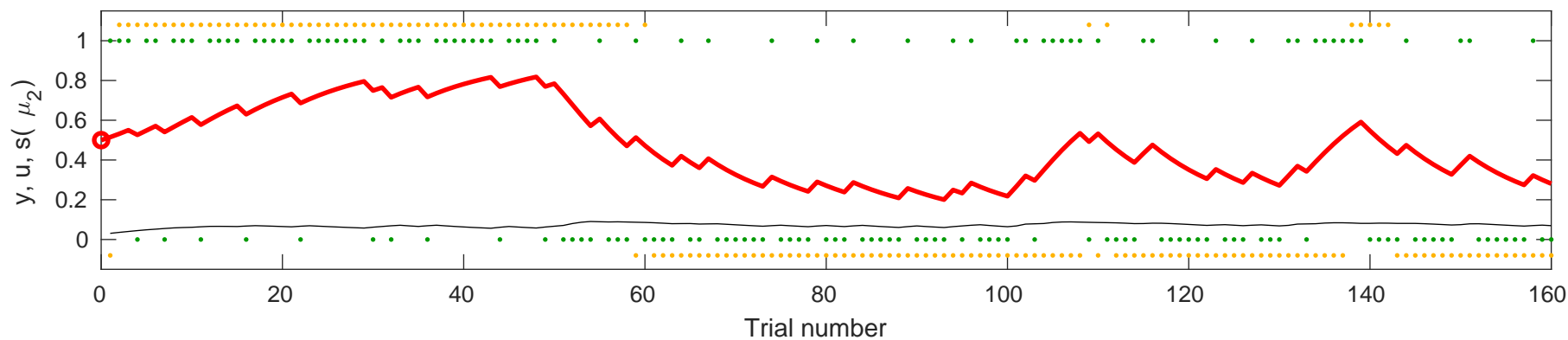
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.8278$

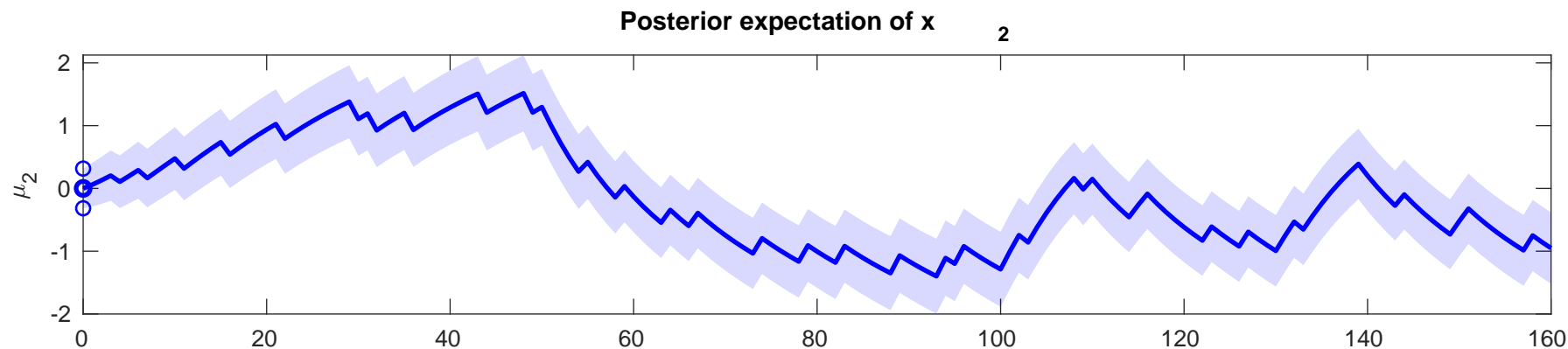
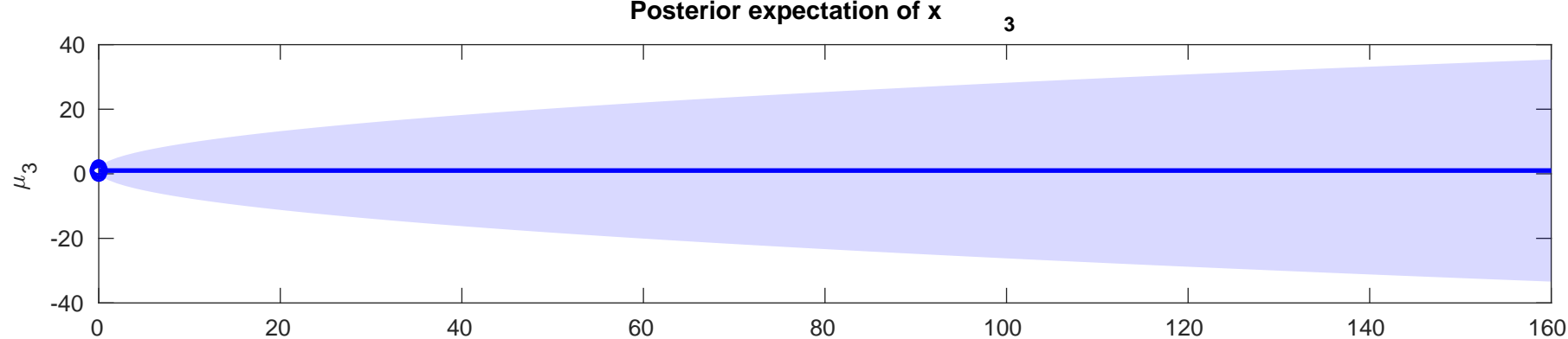




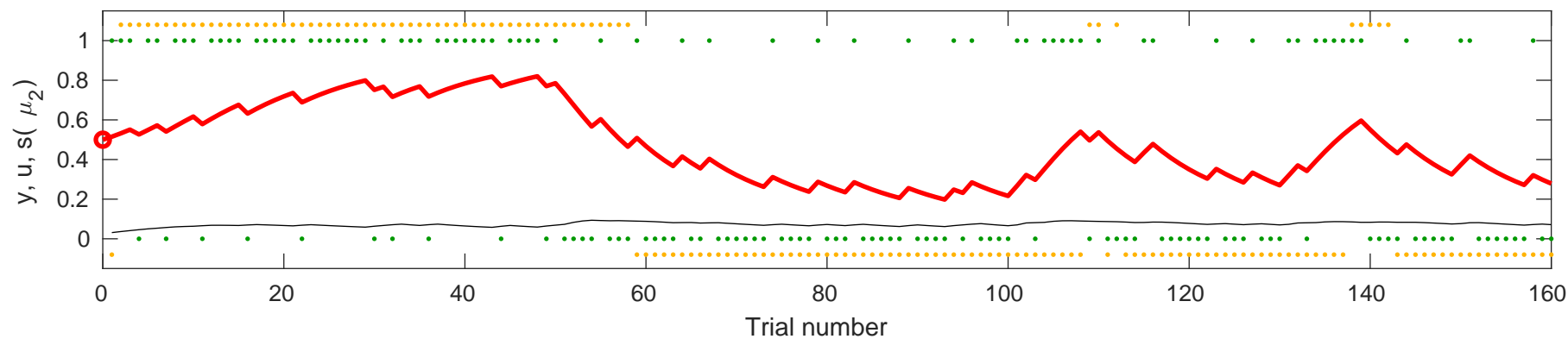


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.7393$

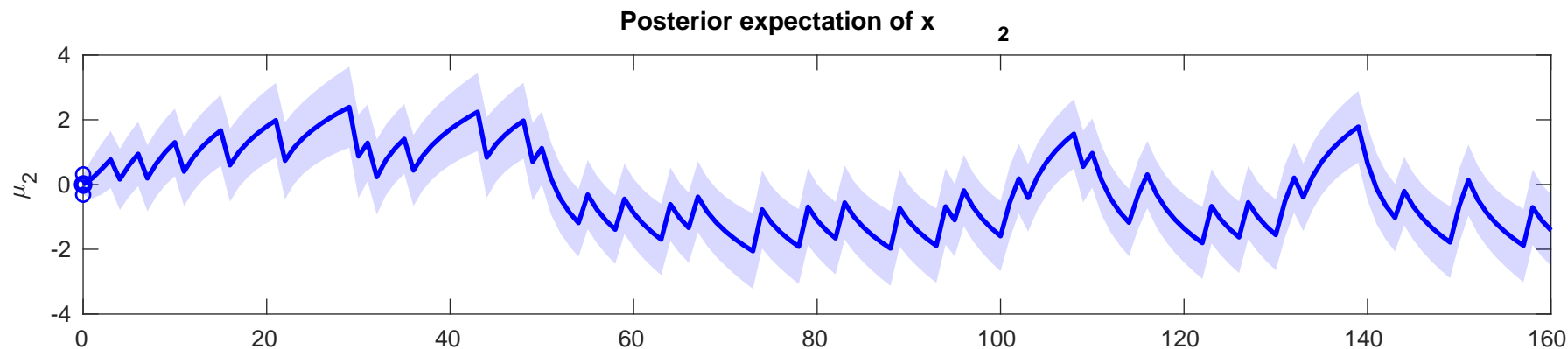
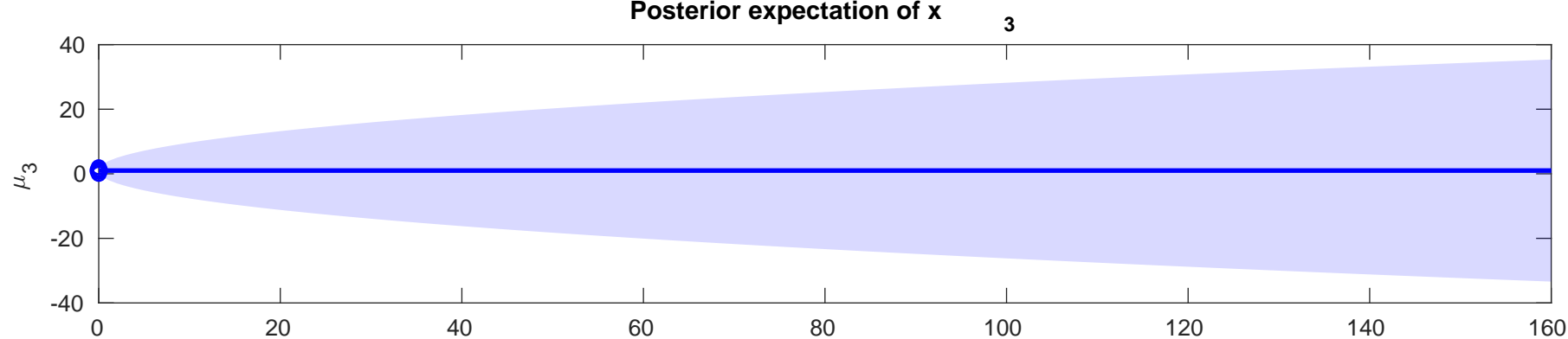




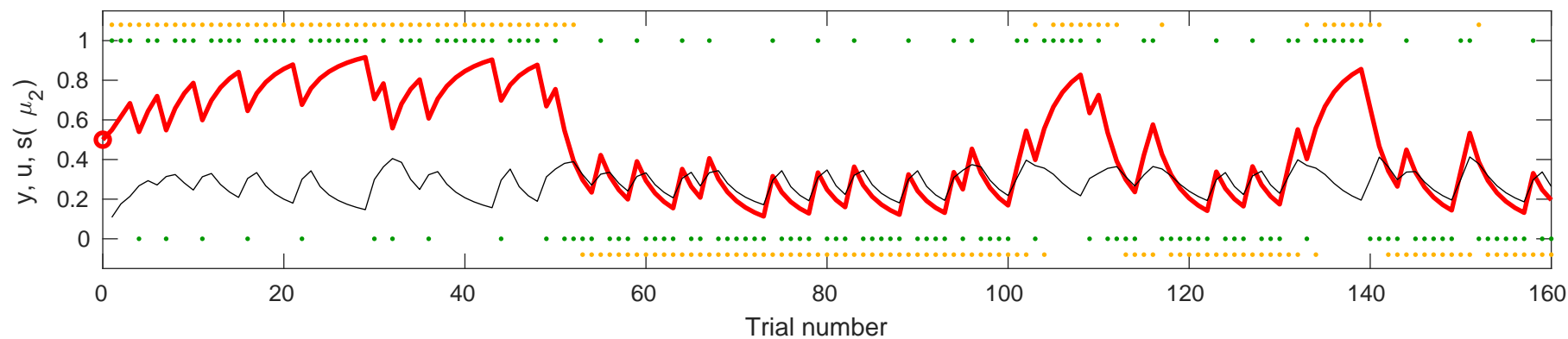
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.6861$

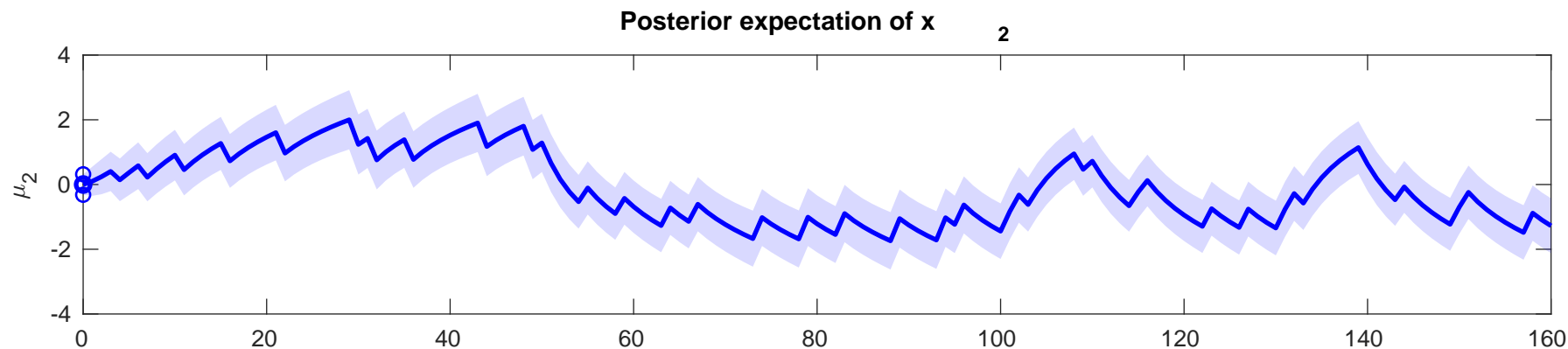




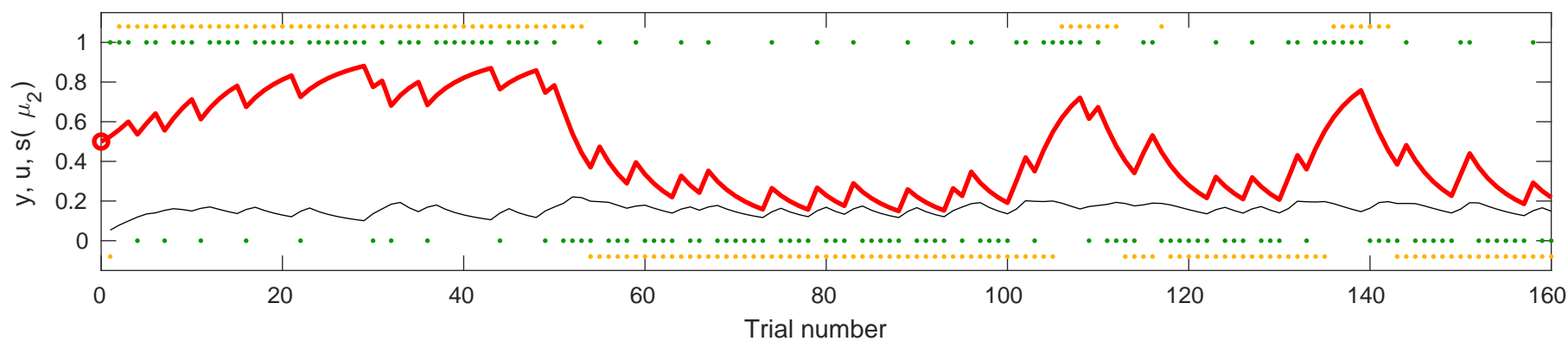


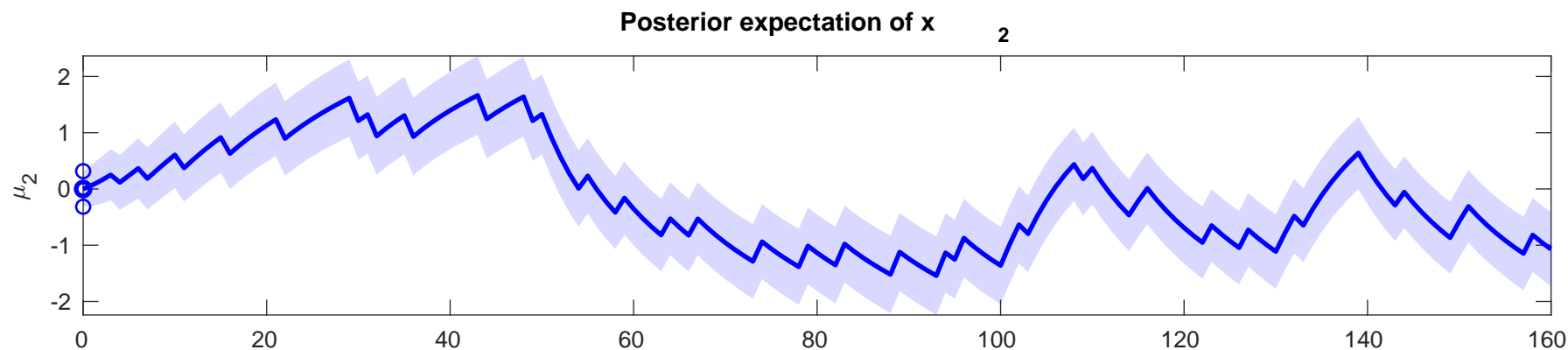
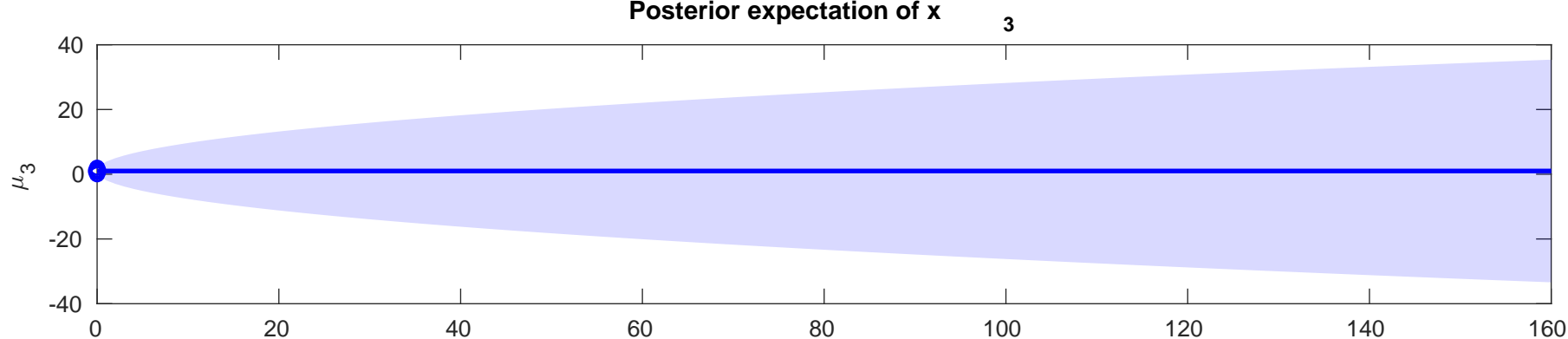
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.0936$



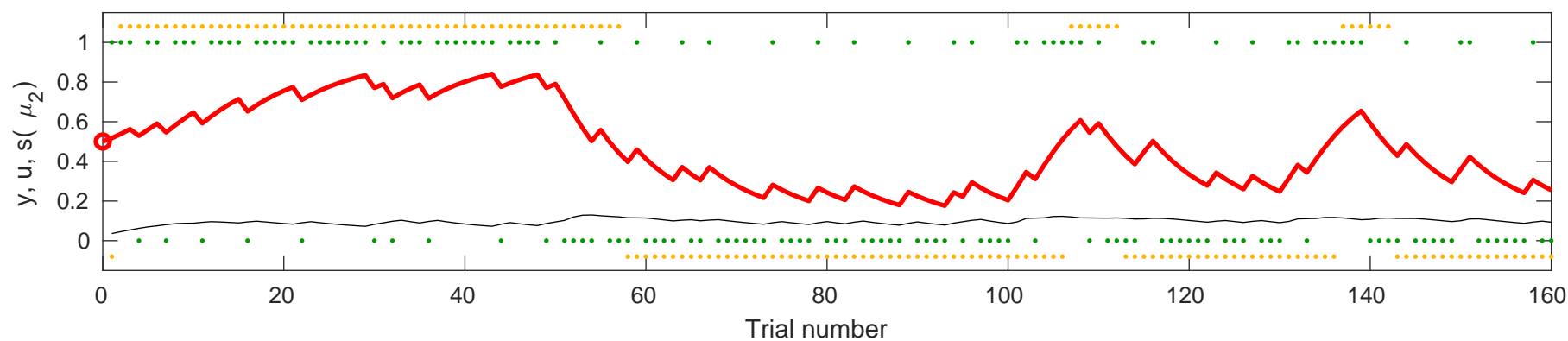


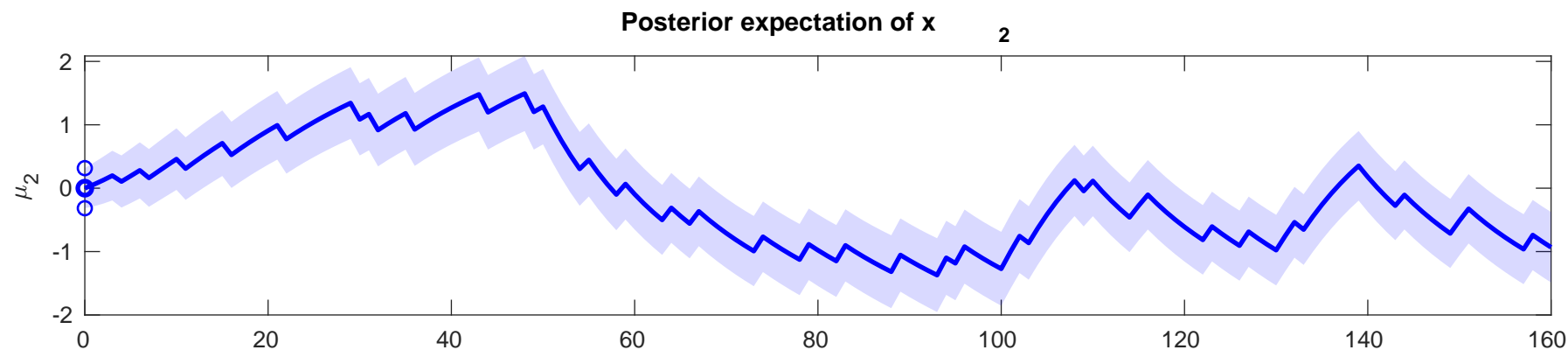
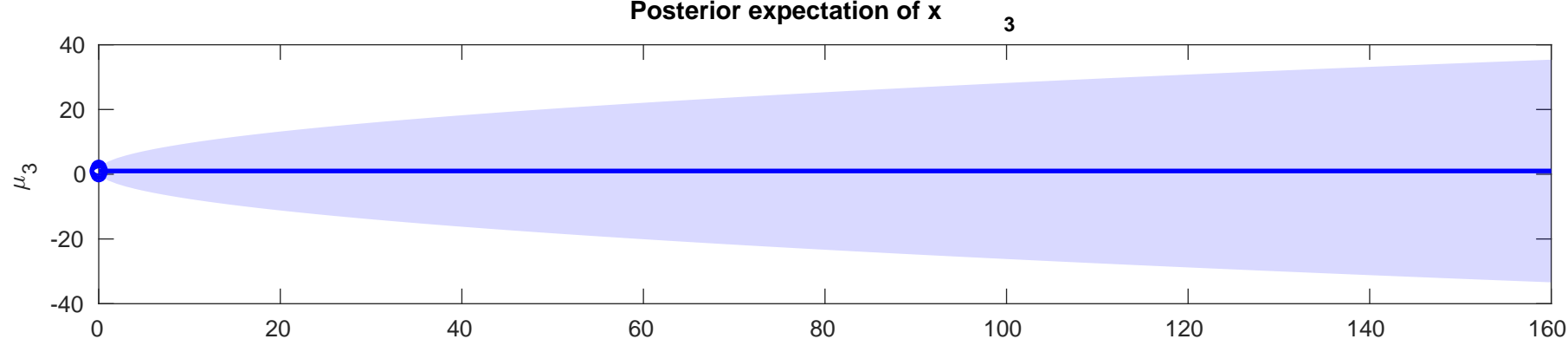
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.1698$



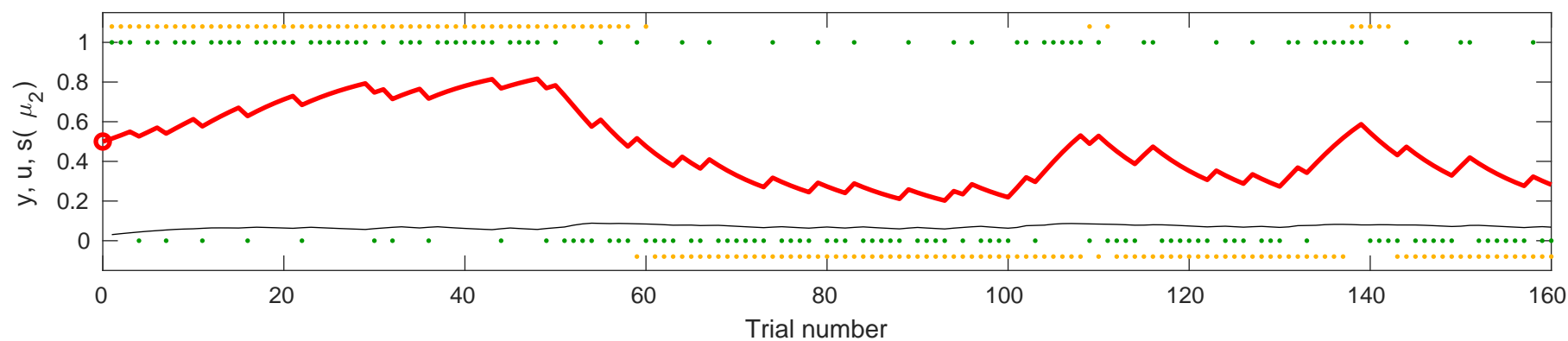


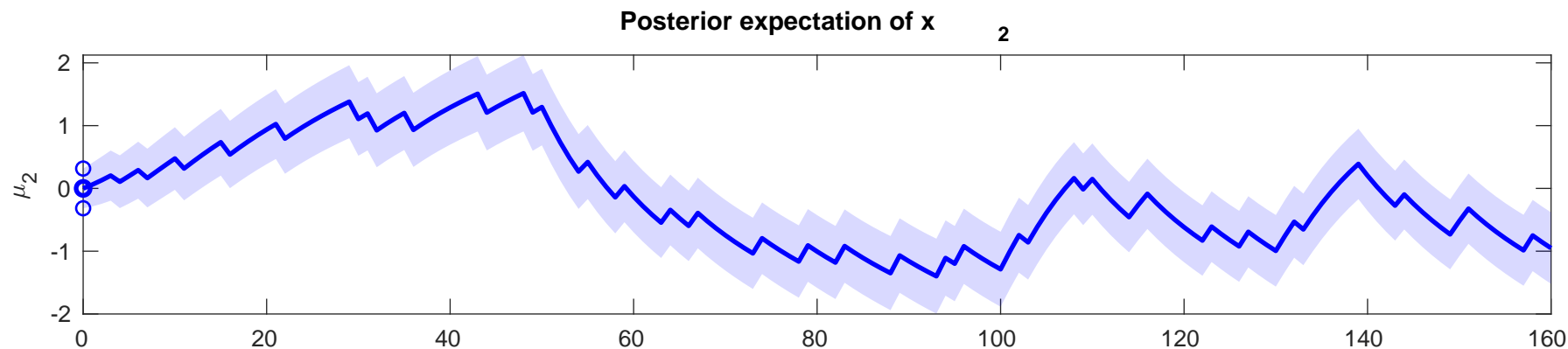
Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.1224$



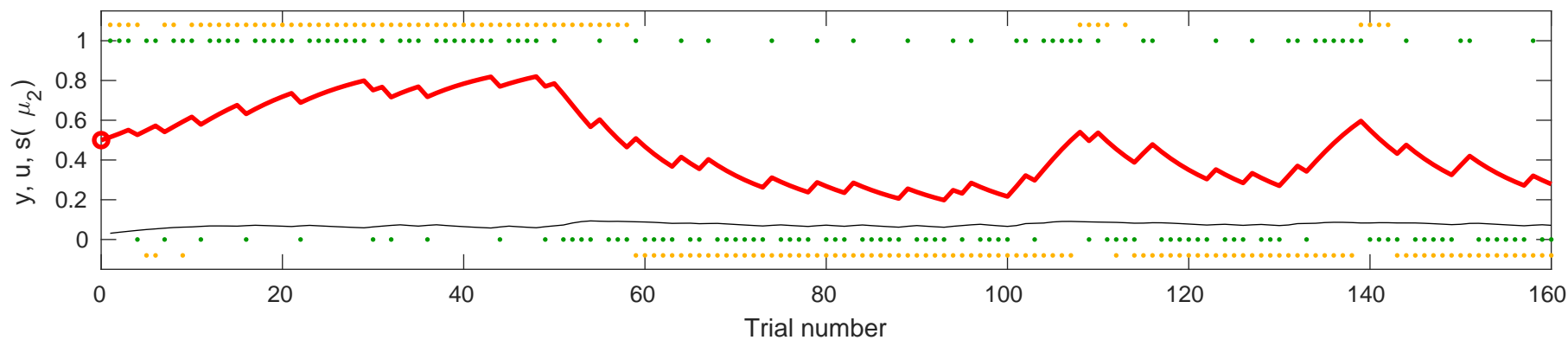


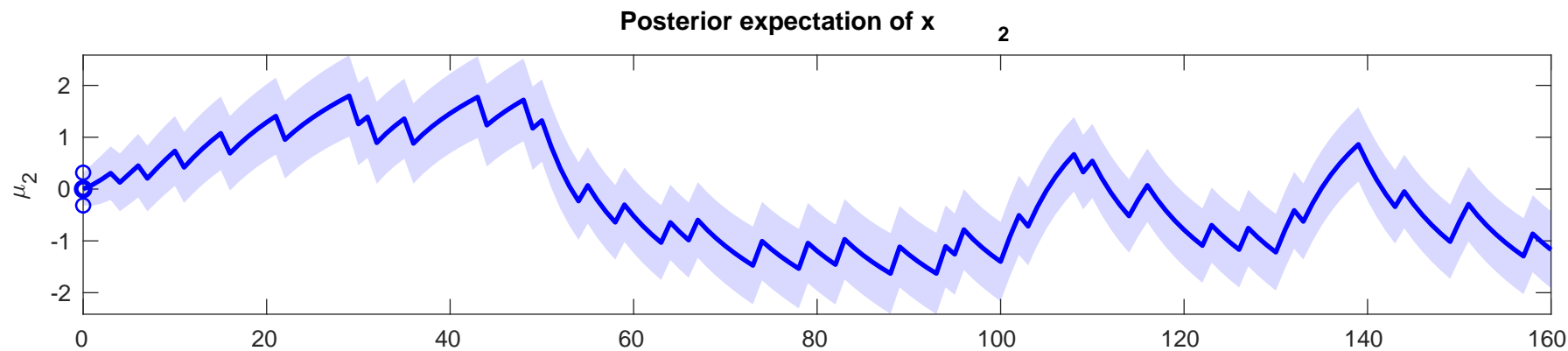
Posterior expectation of  $x$  1  
 Target  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.7782$



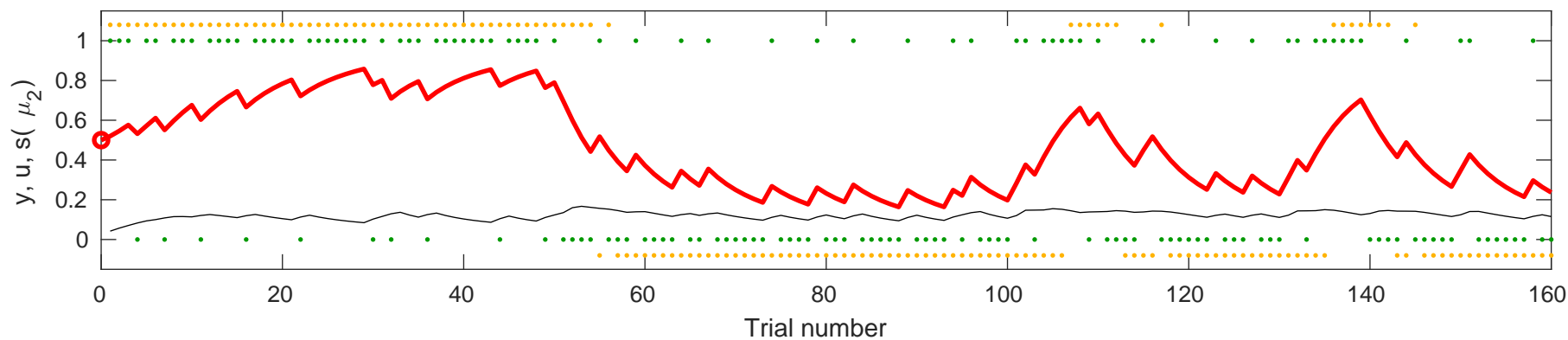


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-3.6867$



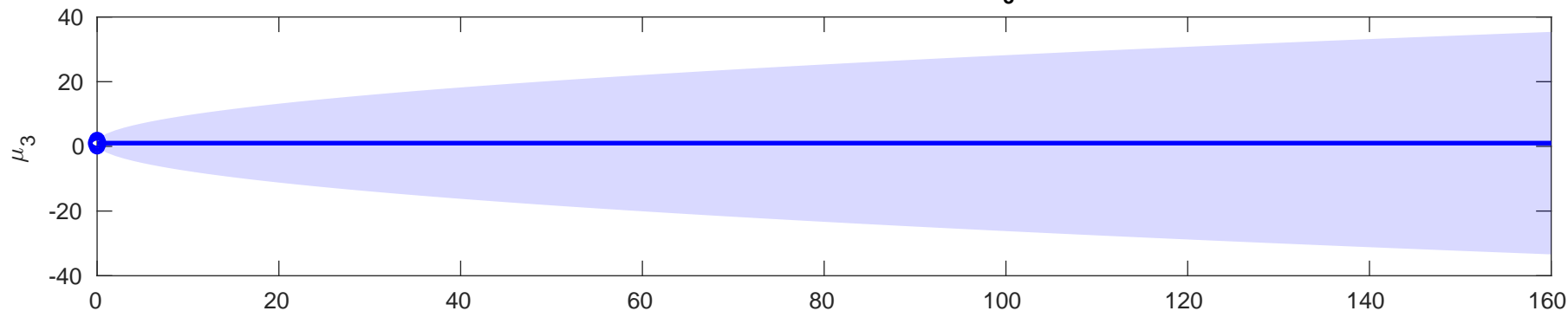


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.6795$



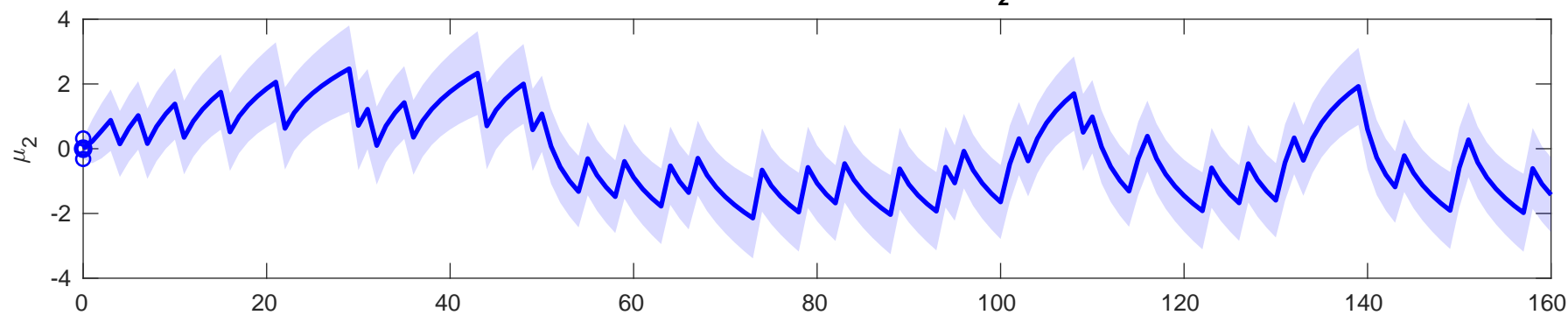
Posterior expectation of  $x$

3



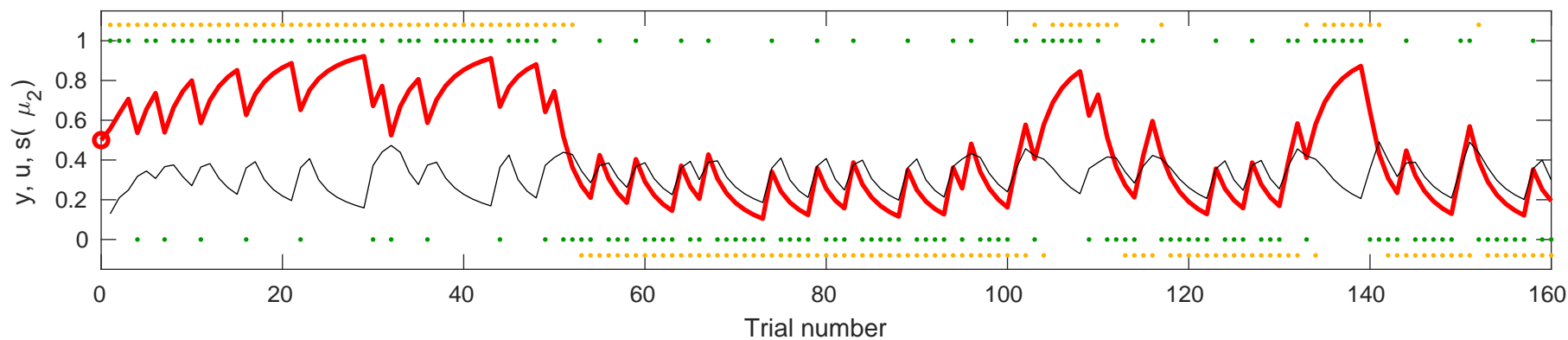
Posterior expectation of  $x$

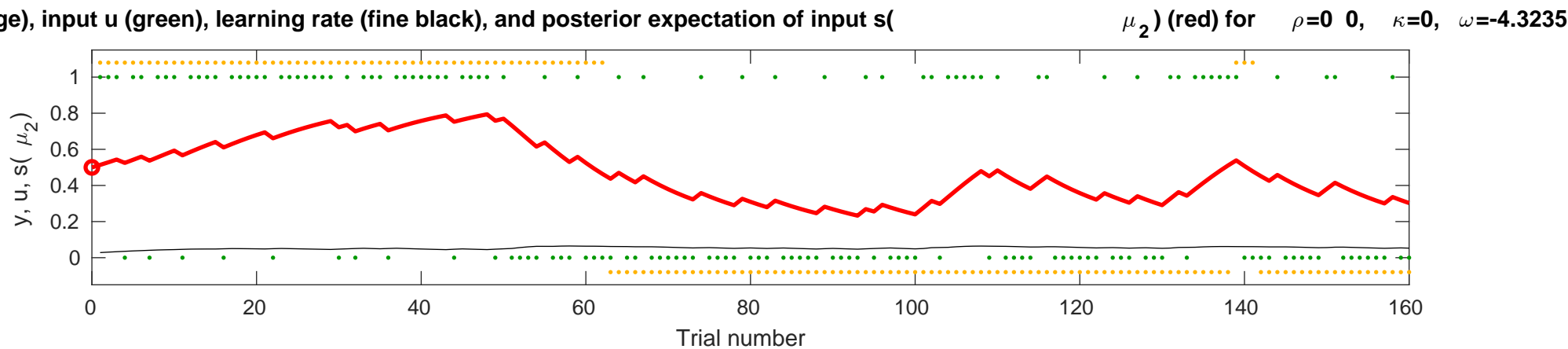
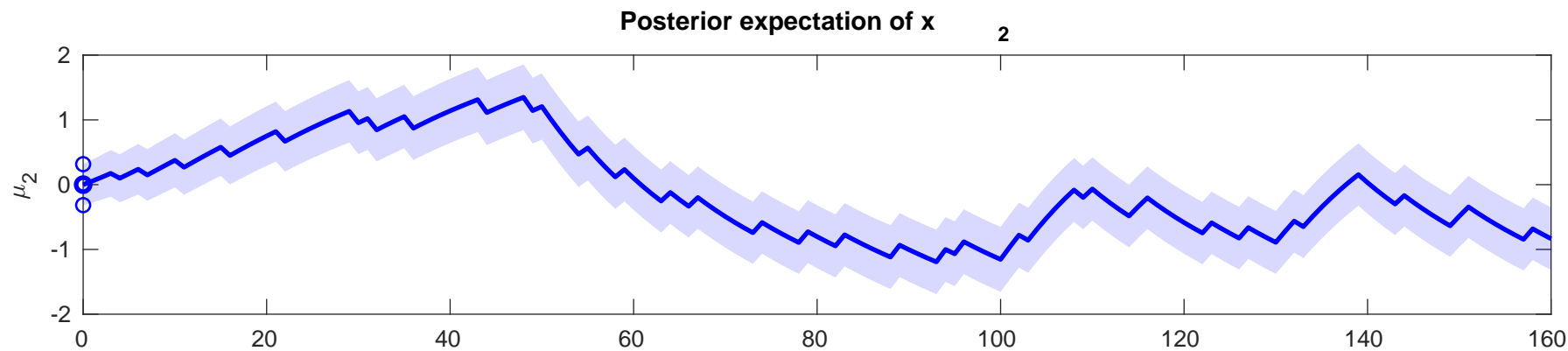
2



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

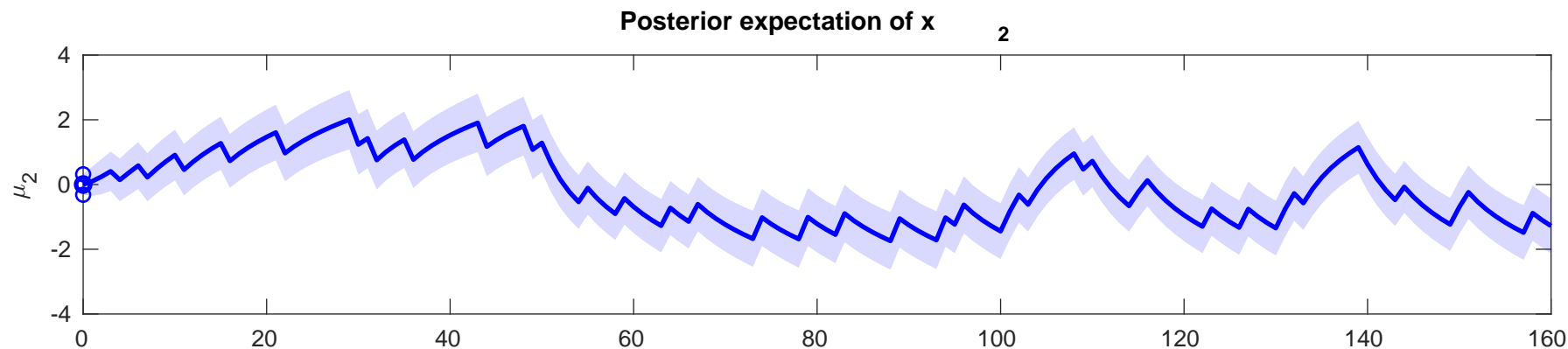
$\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-0.8676$



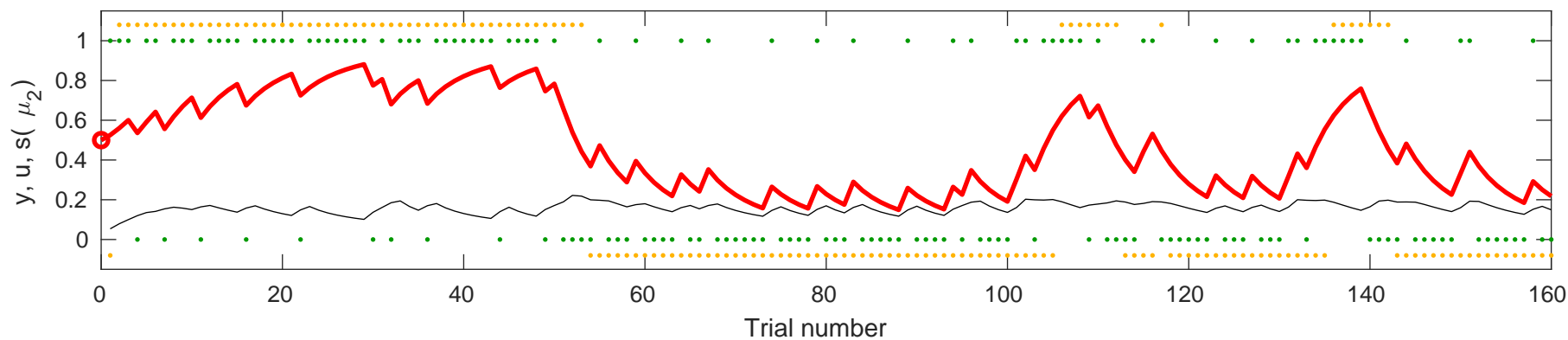


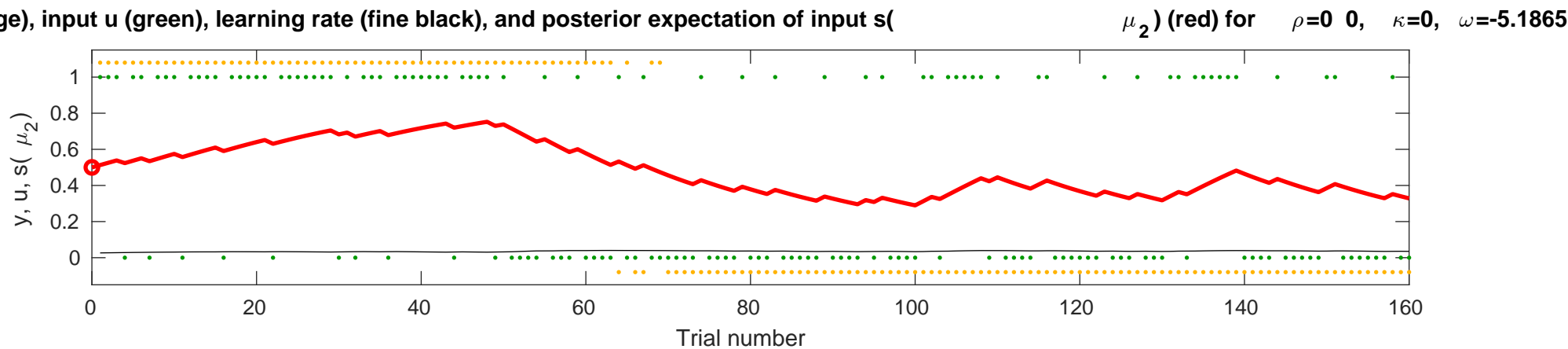
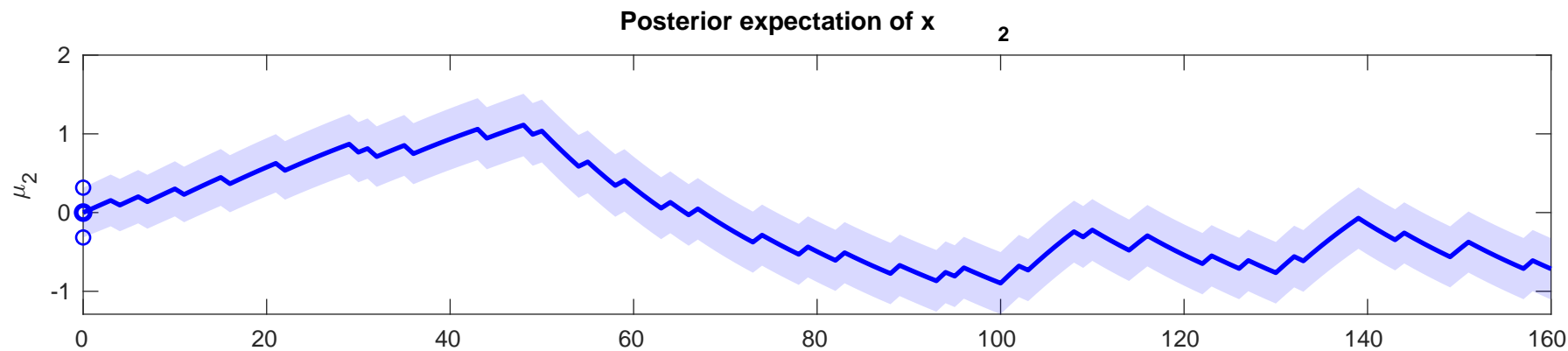


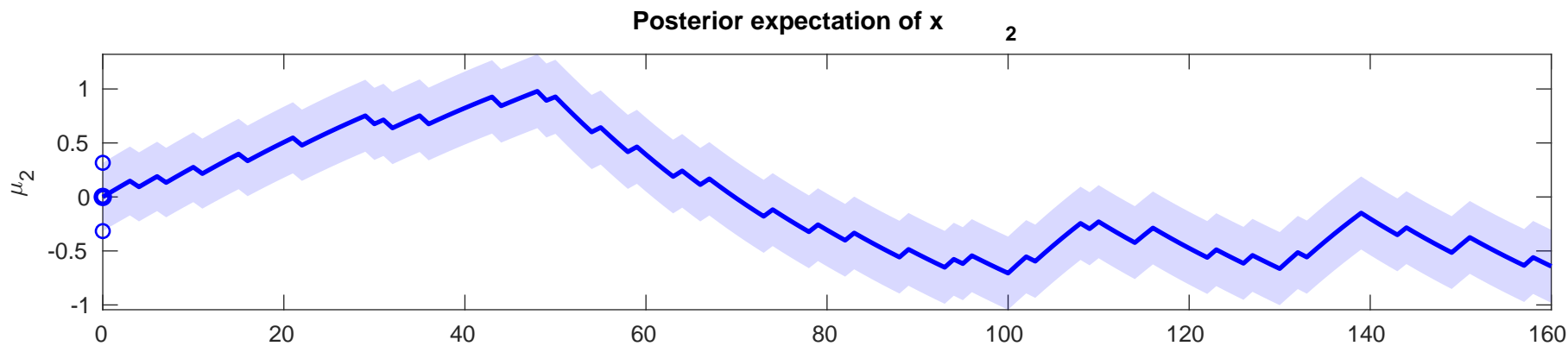
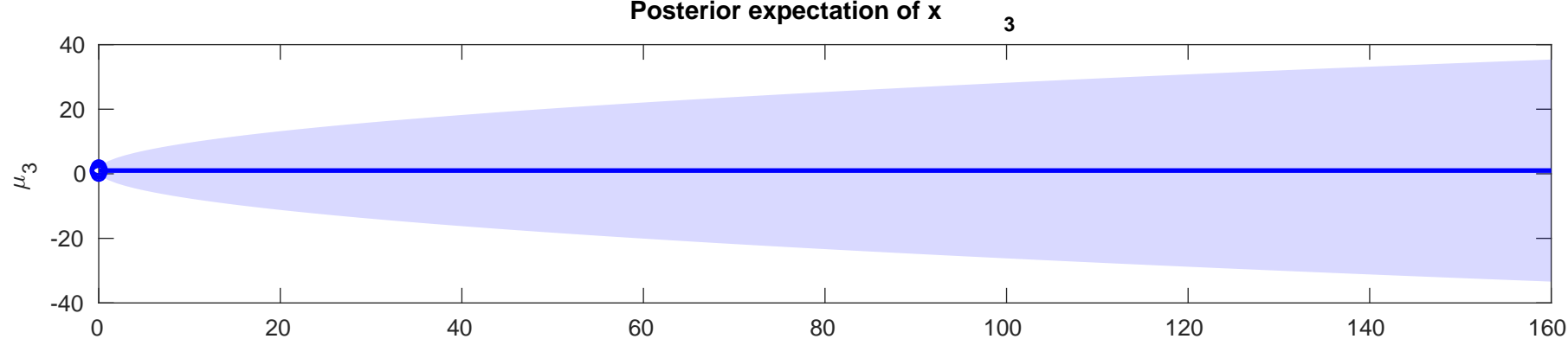




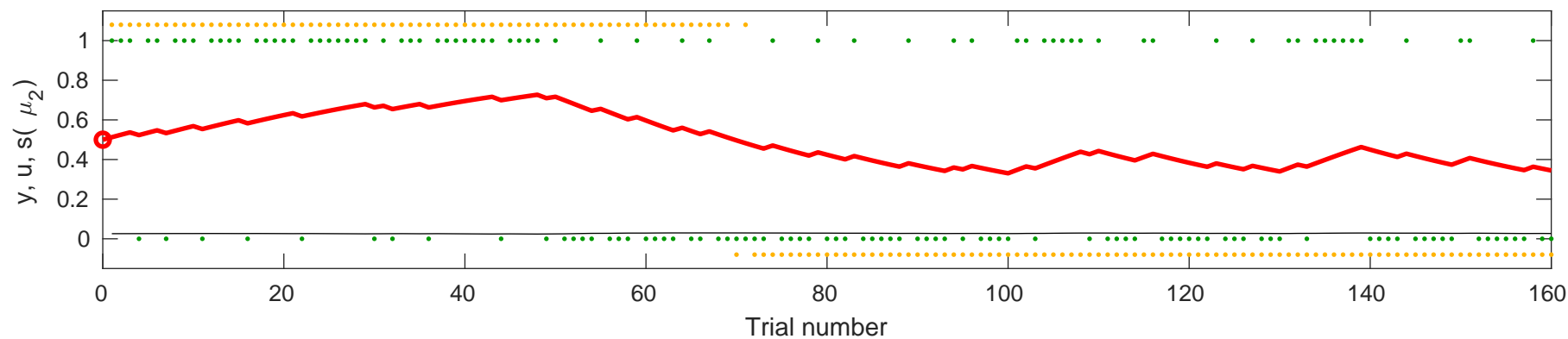
onse  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-2.161$





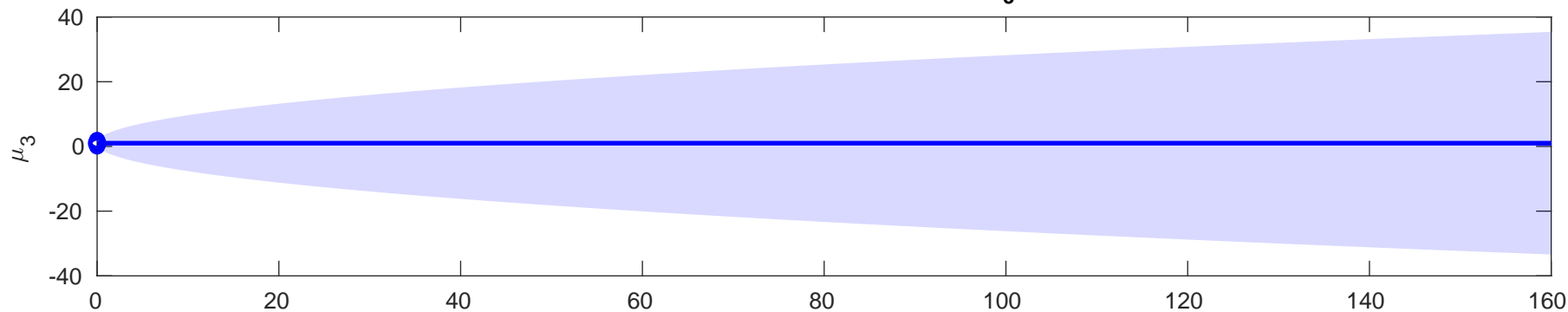


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-5.7516$



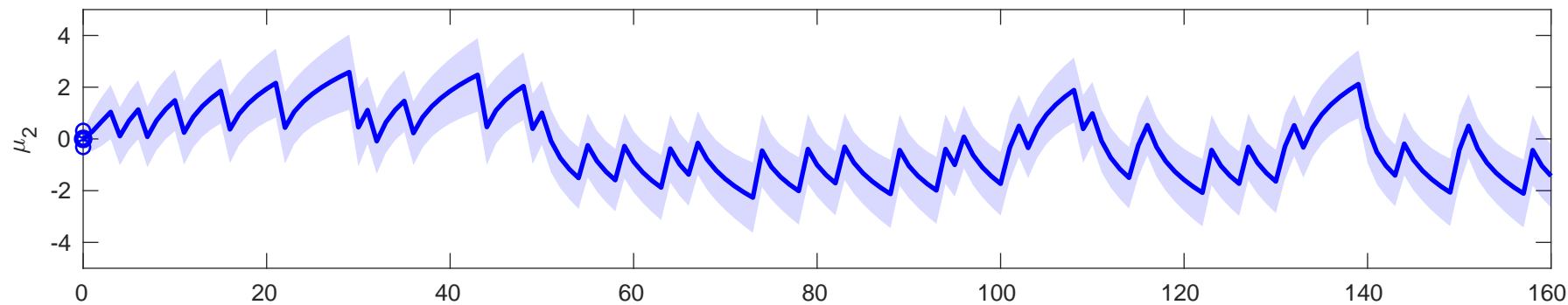
Posterior expectation of  $x$

3

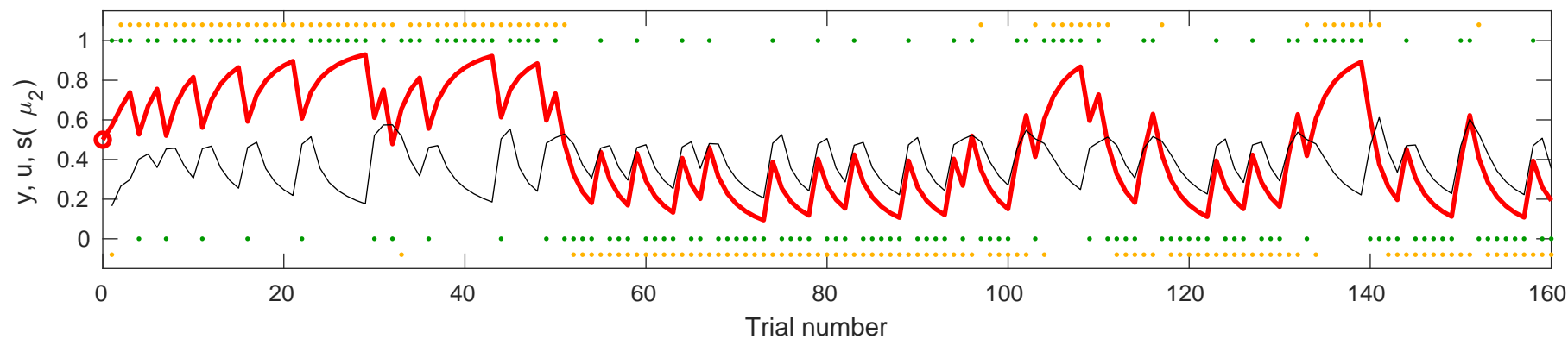


Posterior expectation of  $x$

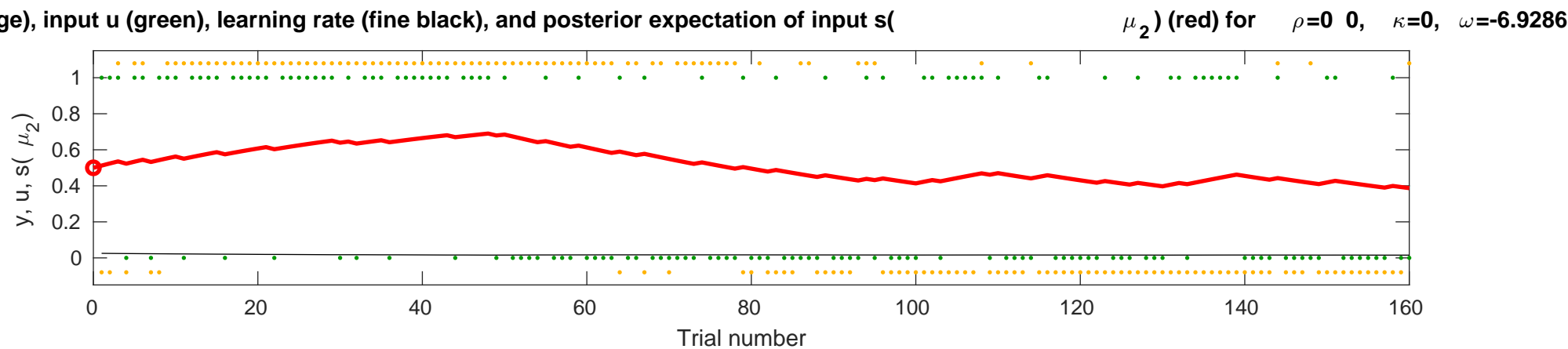
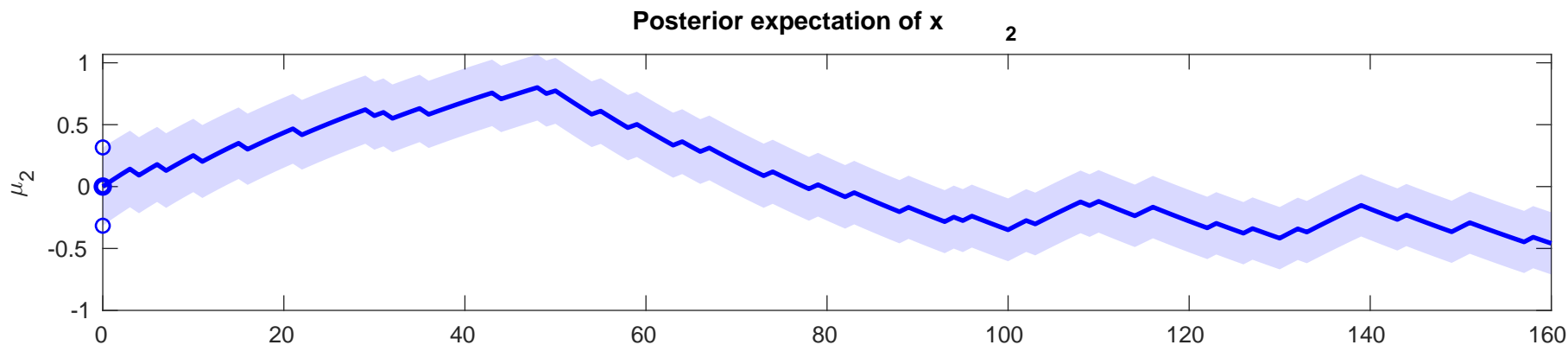
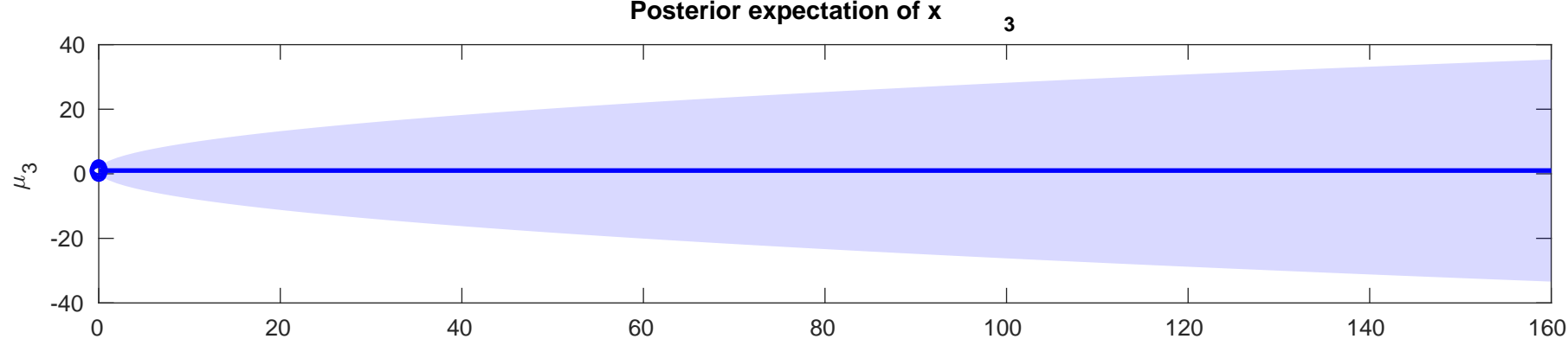
2

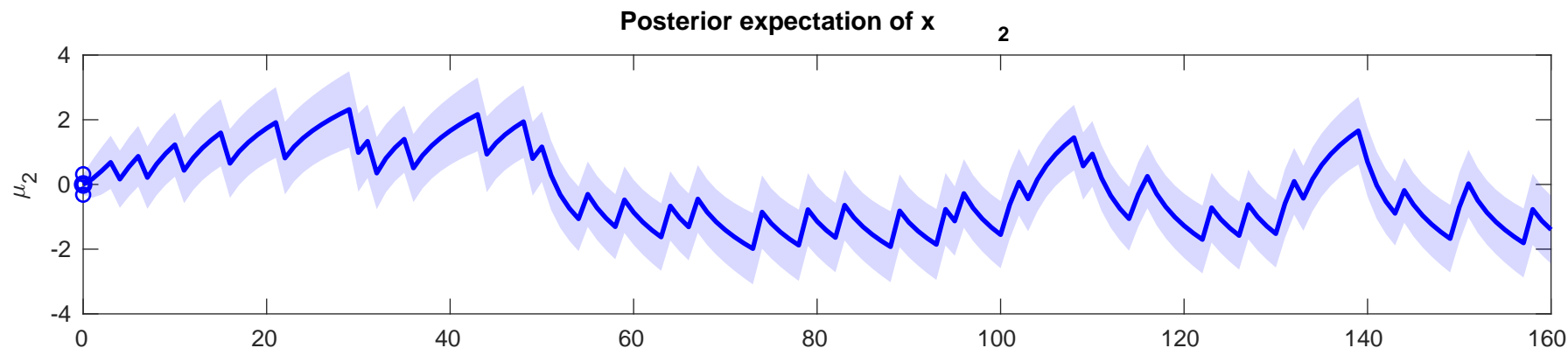
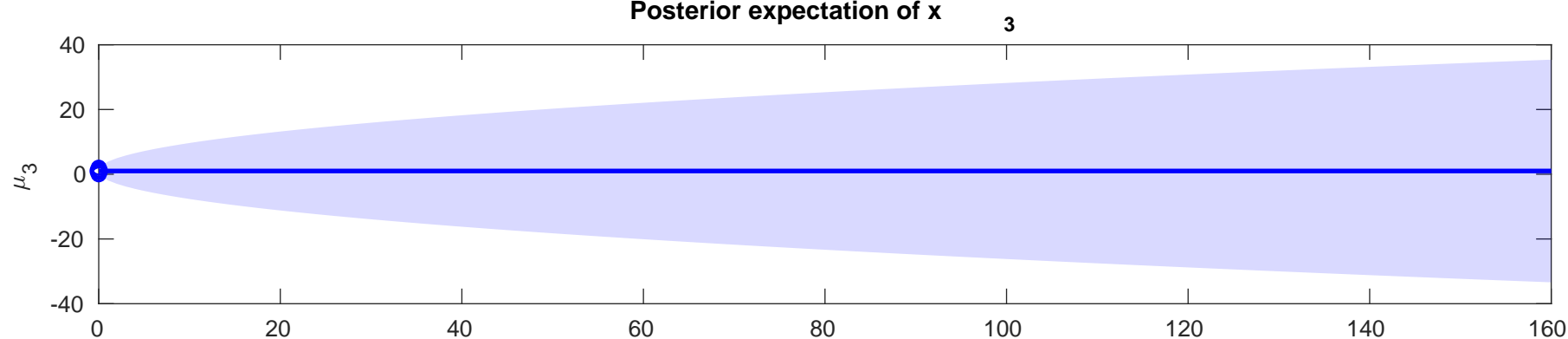


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-0.56528$

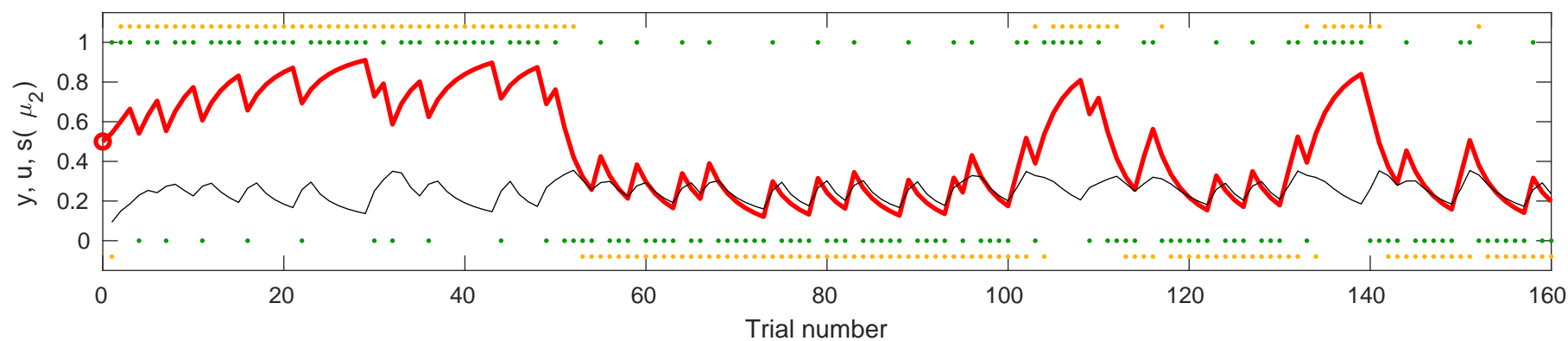




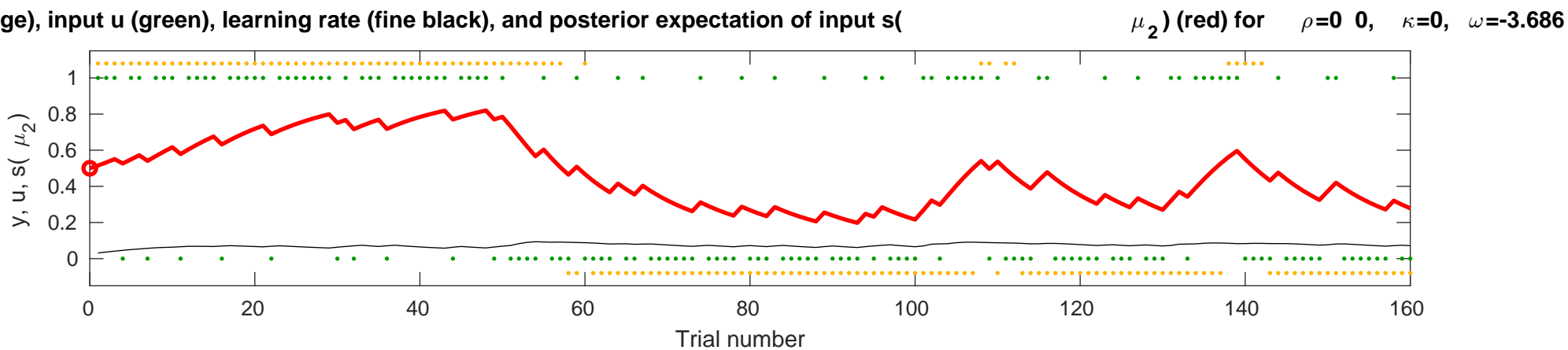
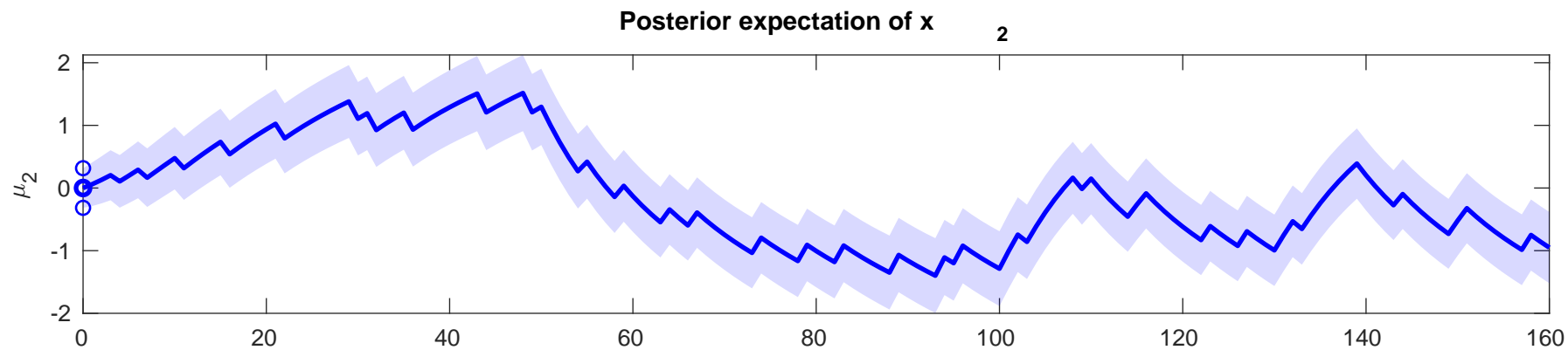
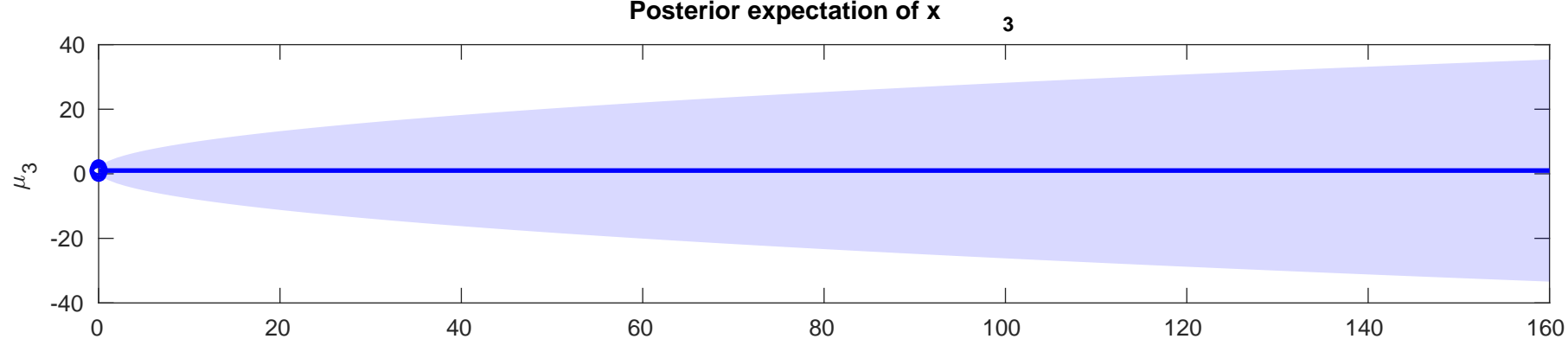


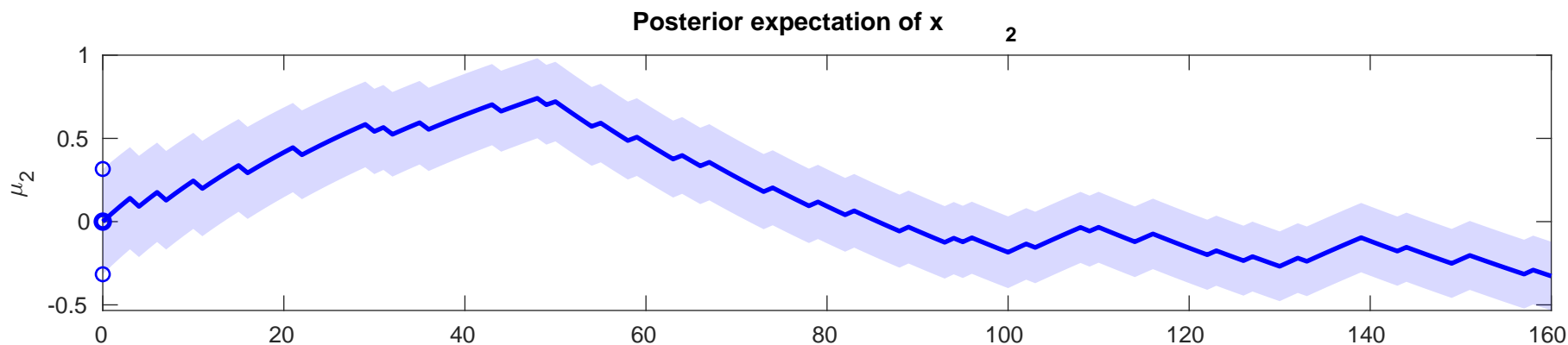
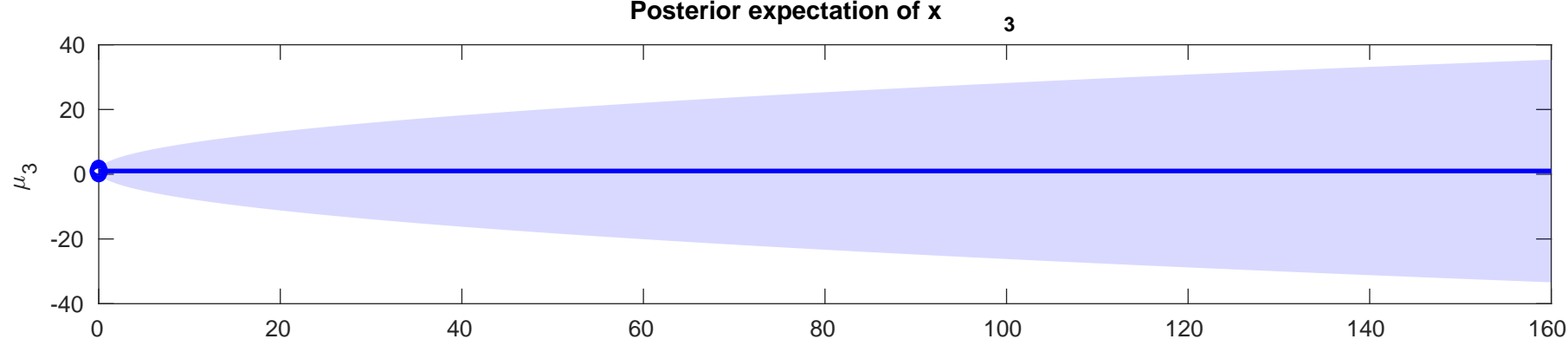


Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-1.2963$

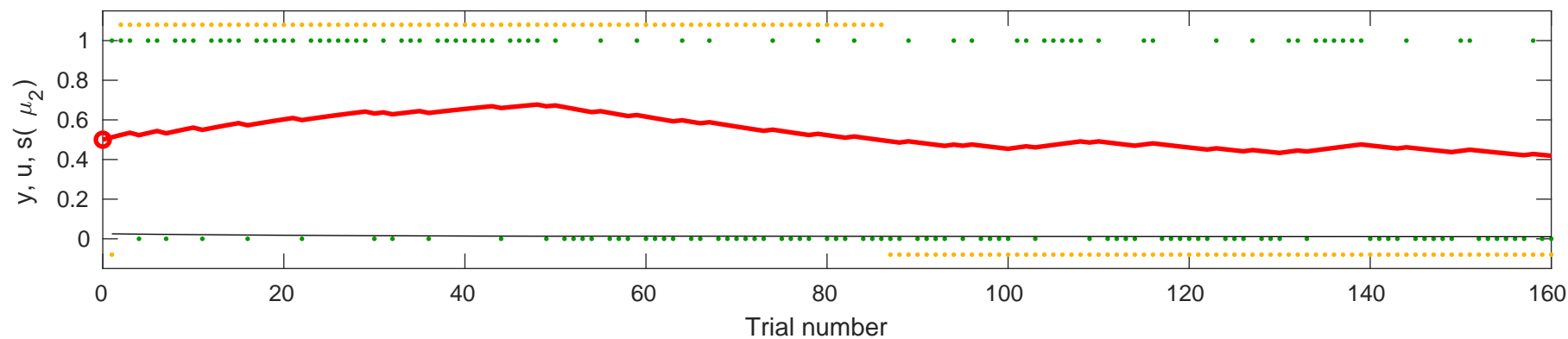






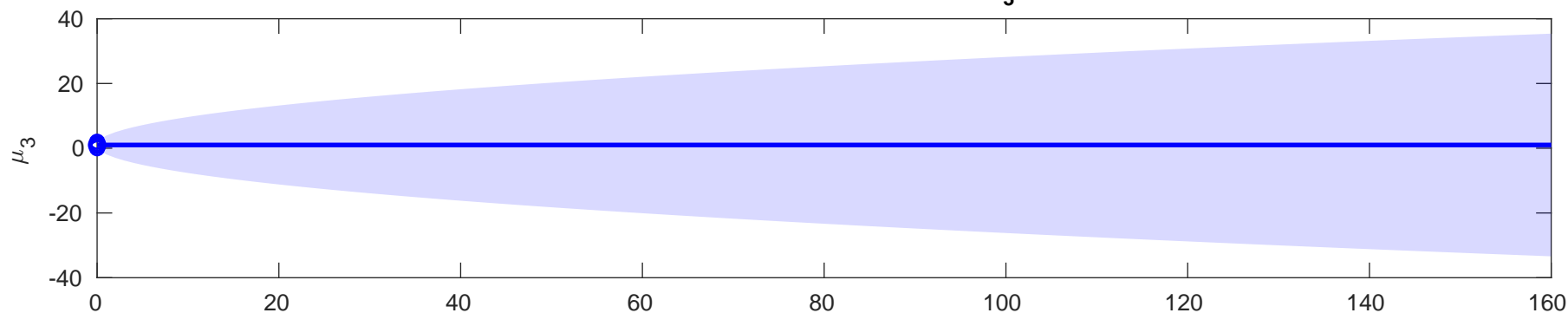


response y (orange), input u (green), learning rate (fine black), and posterior expectation of input s( $\mu_2$ ) (red) for  $\rho=0.0$ ,  $\kappa=0$ ,  $\omega=-7.7655$



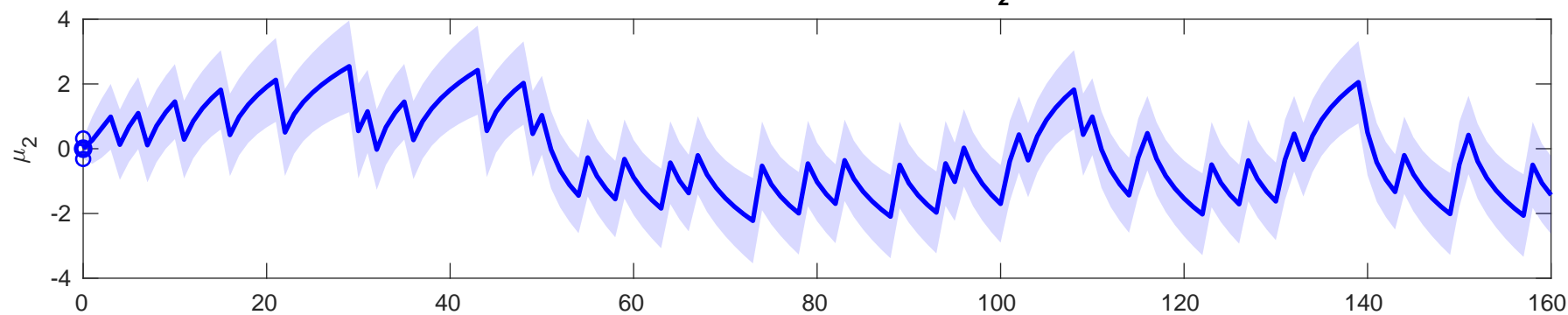
Posterior expectation of  $x$

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  $\rho=0$ ,  $\kappa=0$ ,  $\omega=-0.66691$

