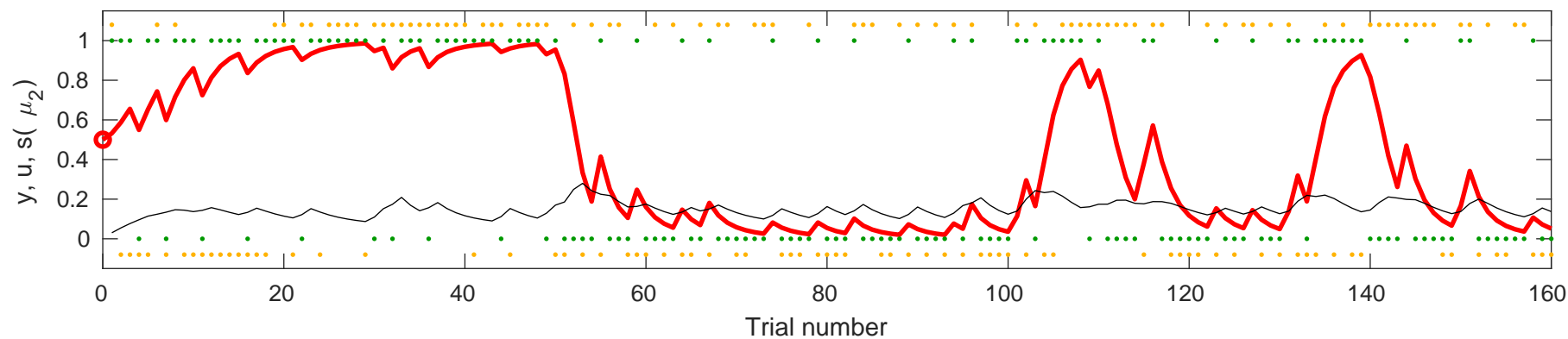
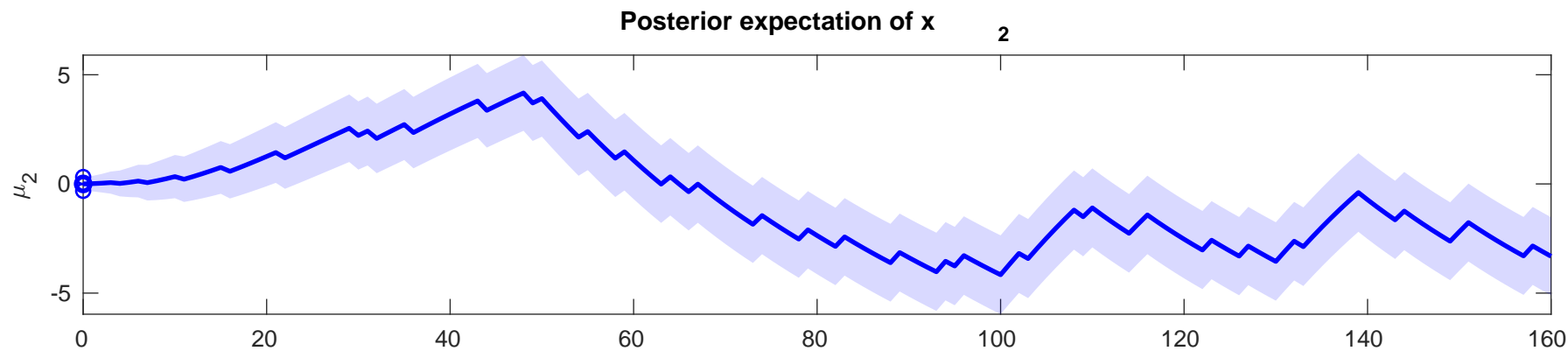
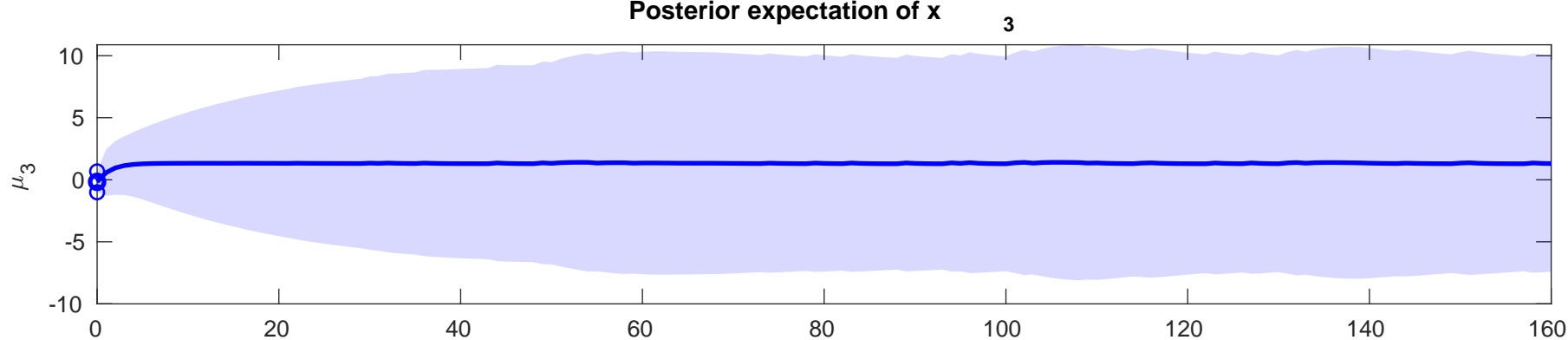
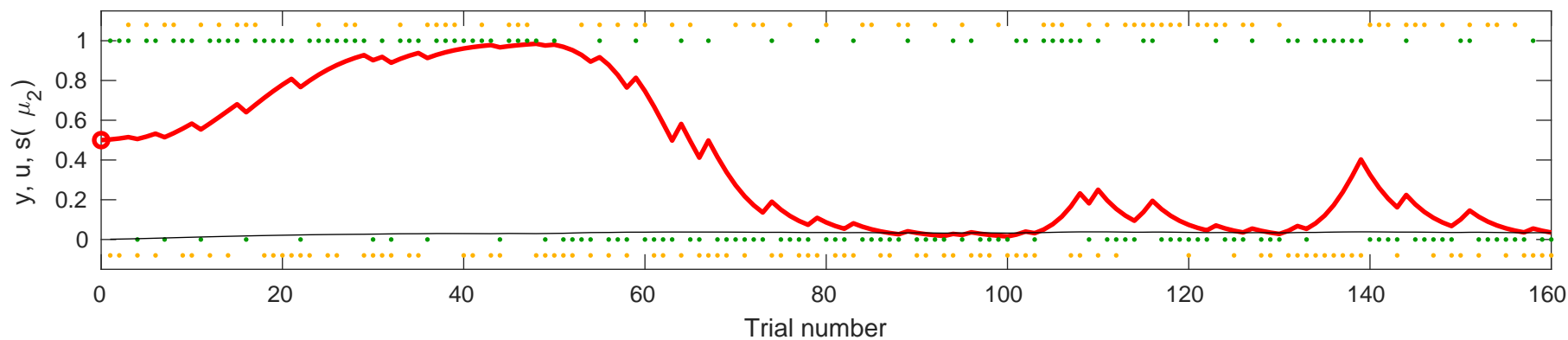


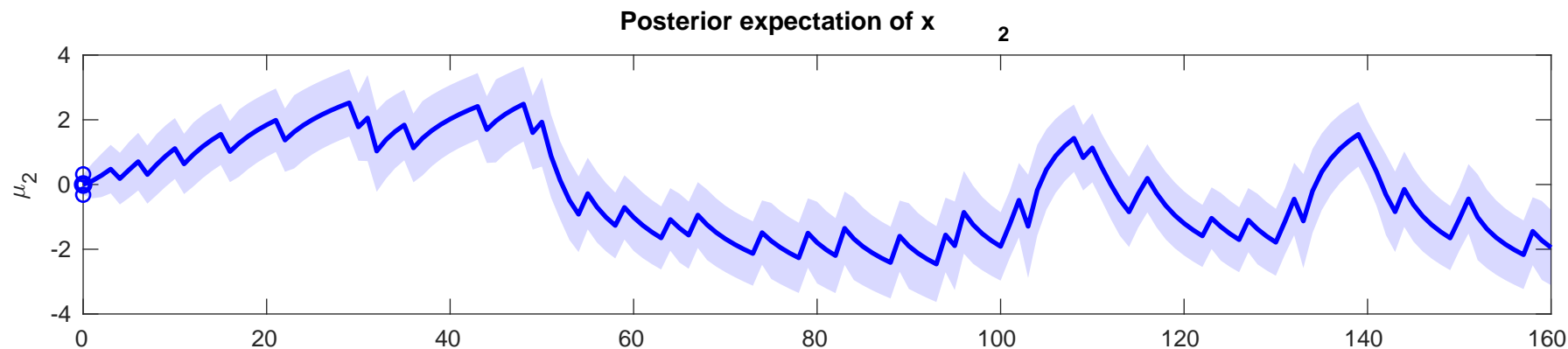
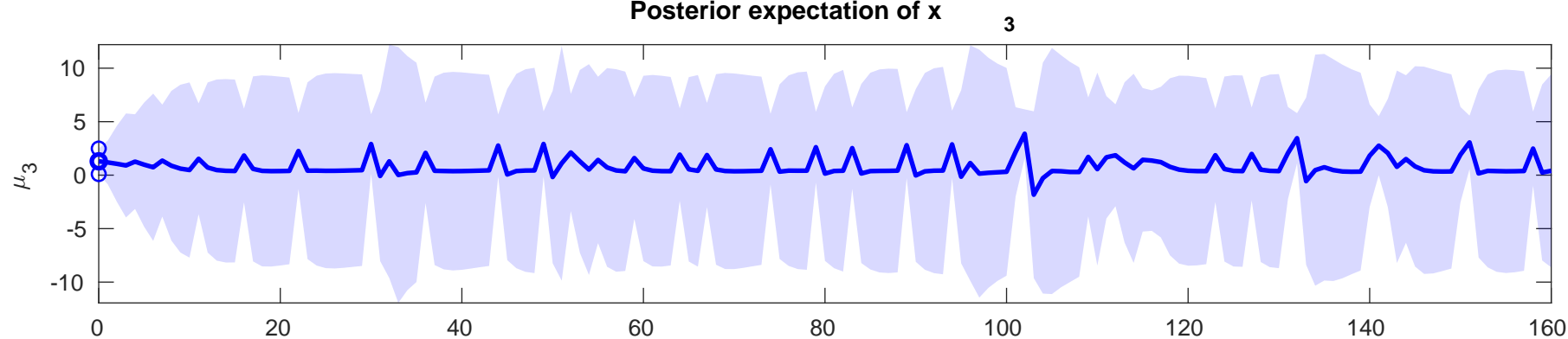
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.3295$



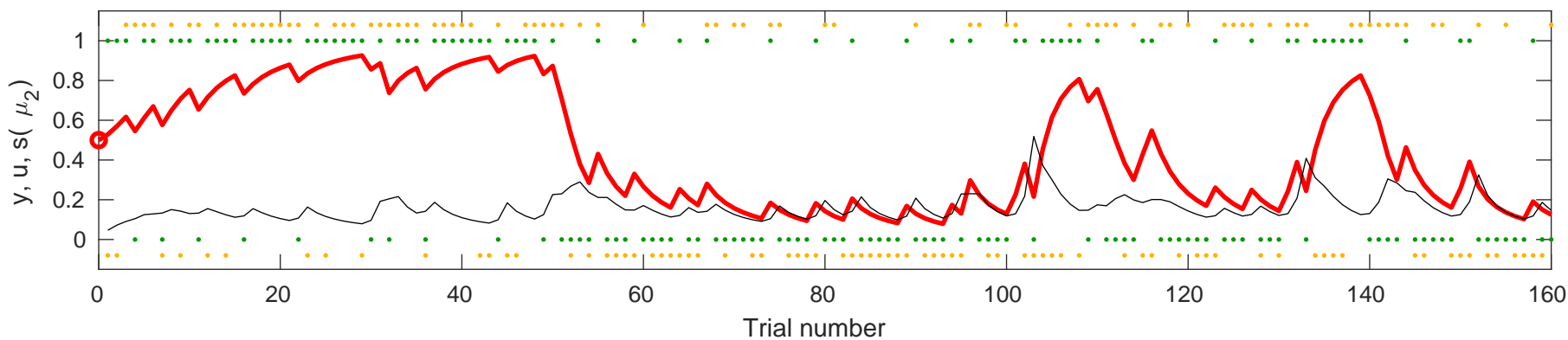


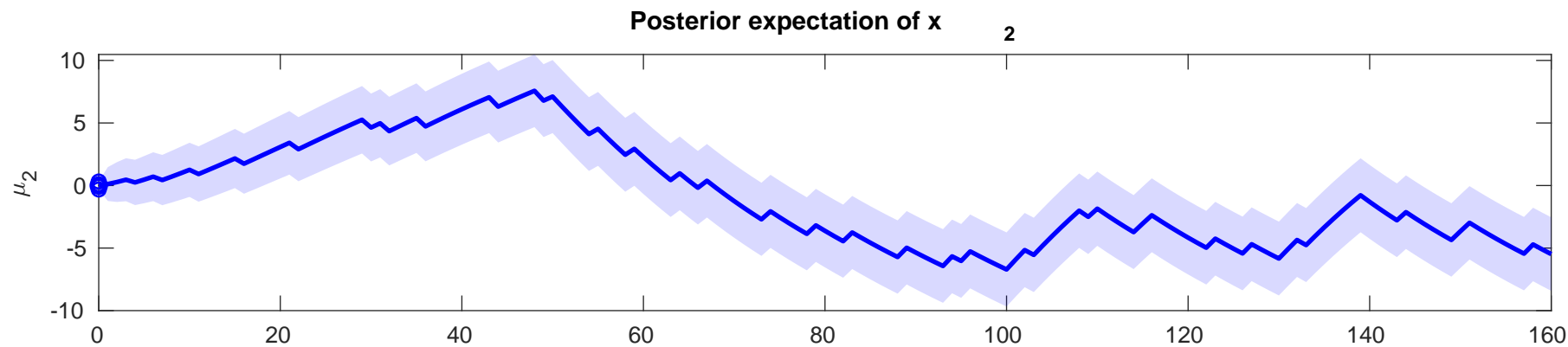
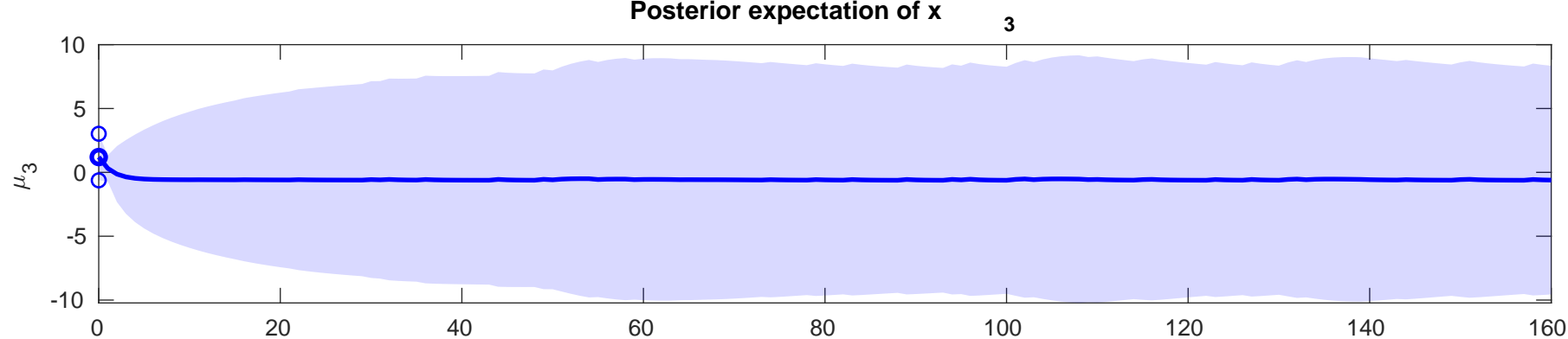
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.4965$



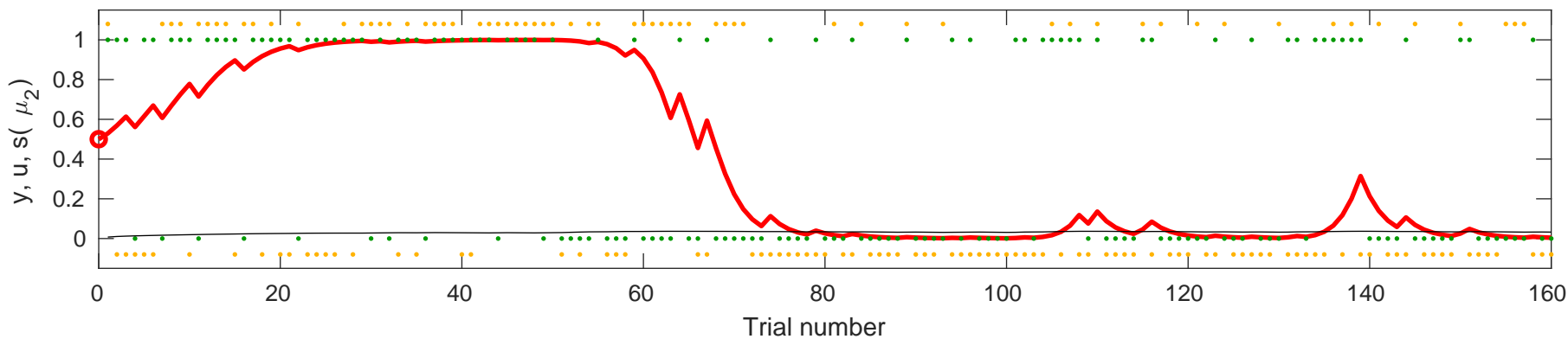


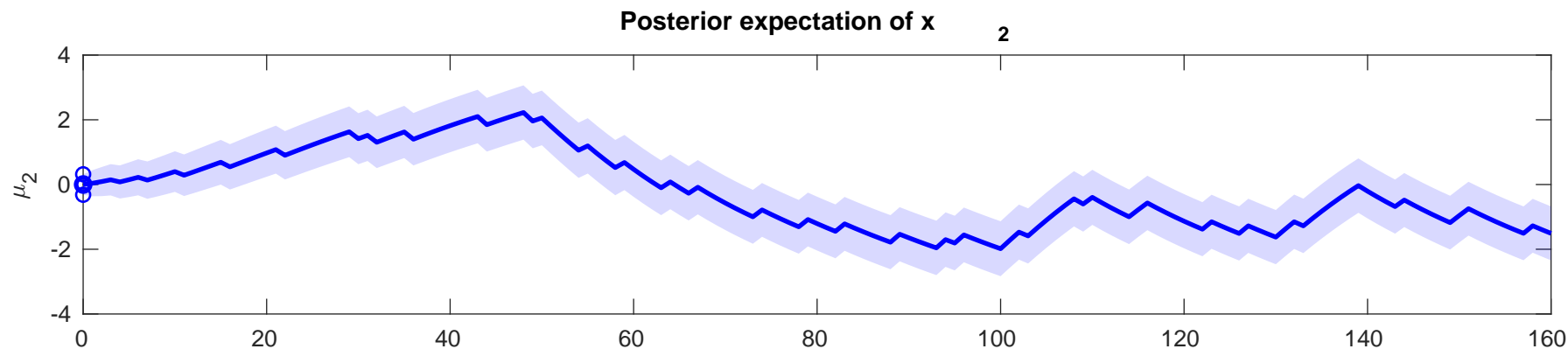
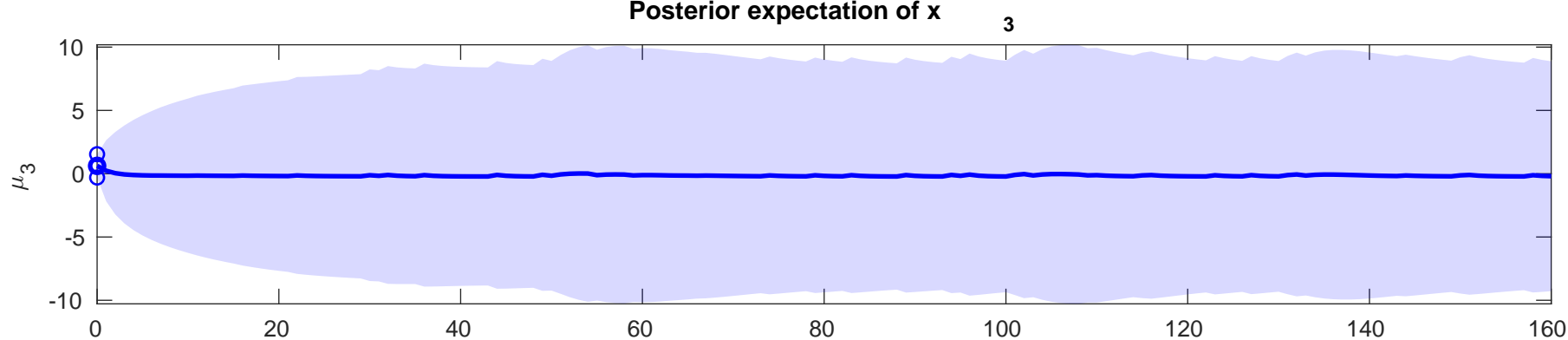
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.8624$



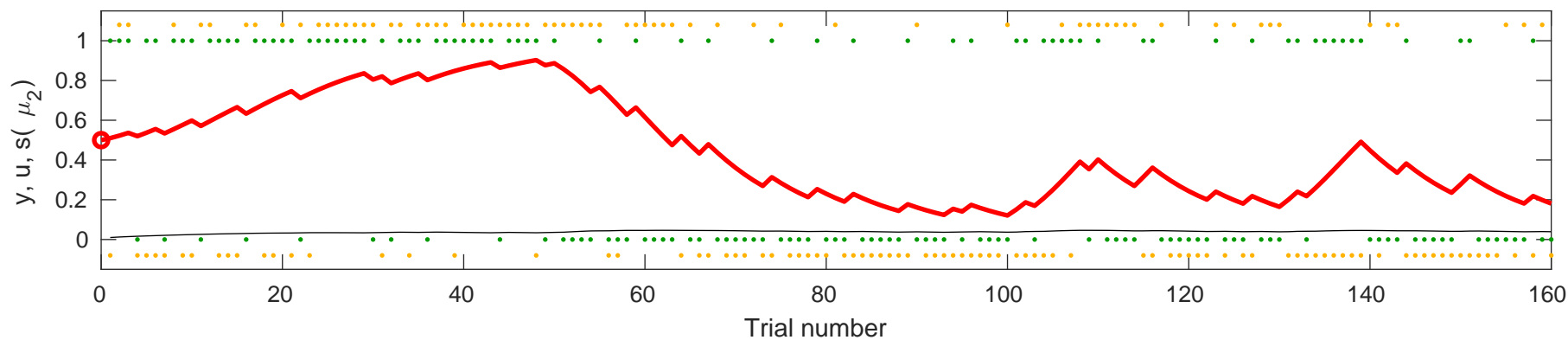


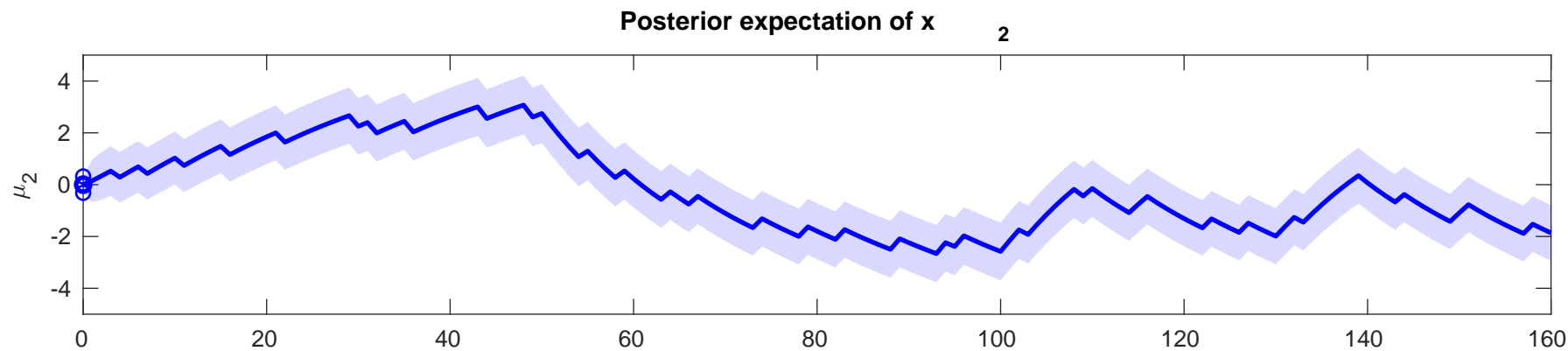
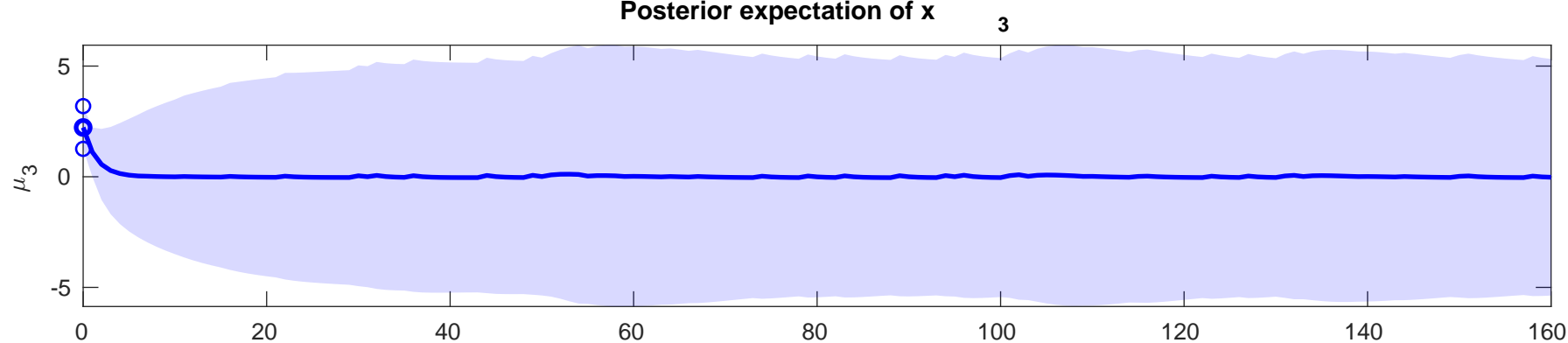
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-0.63772$



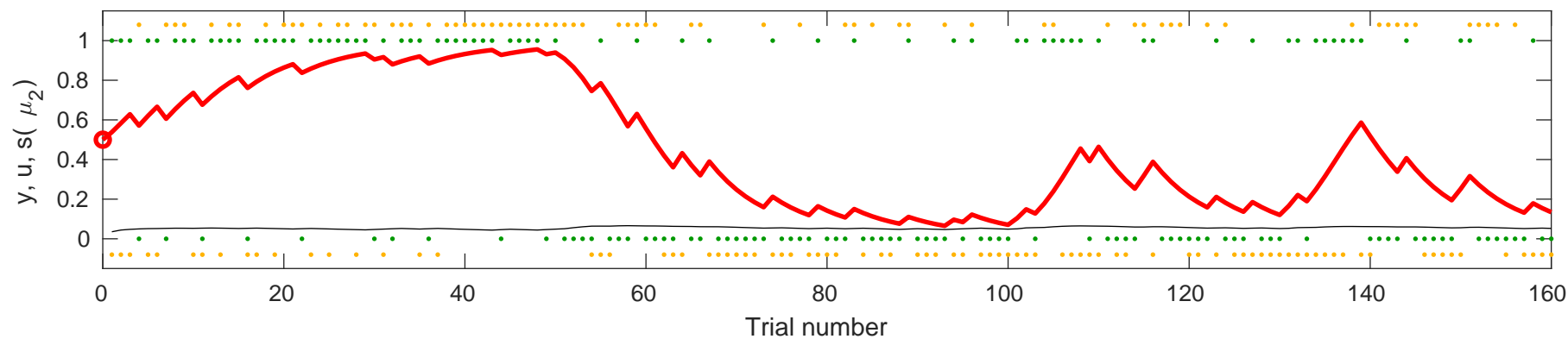


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.3812$



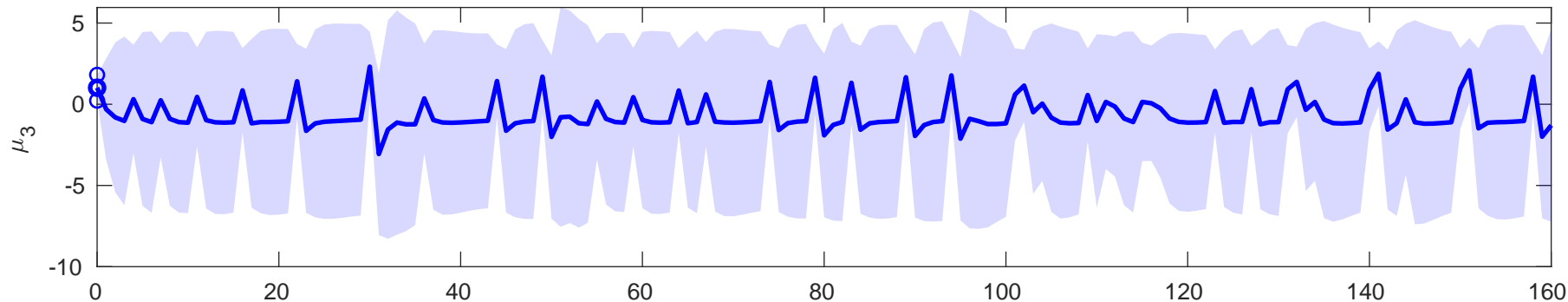


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-2.7242$



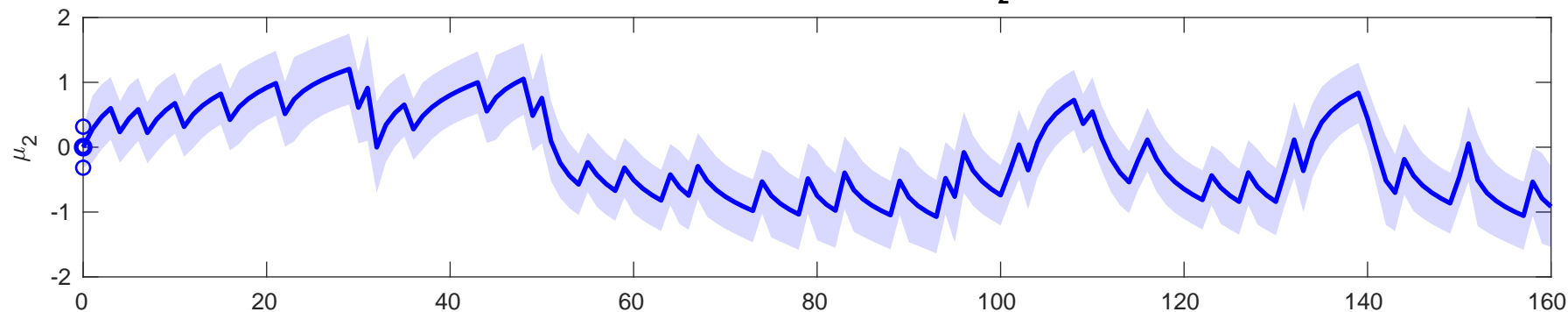
Posterior expectation of  $x$

3

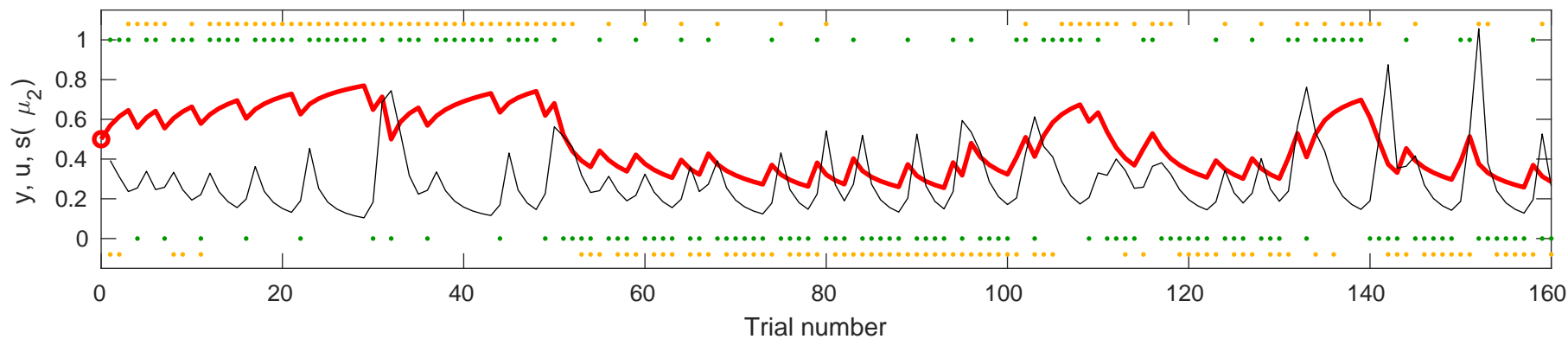


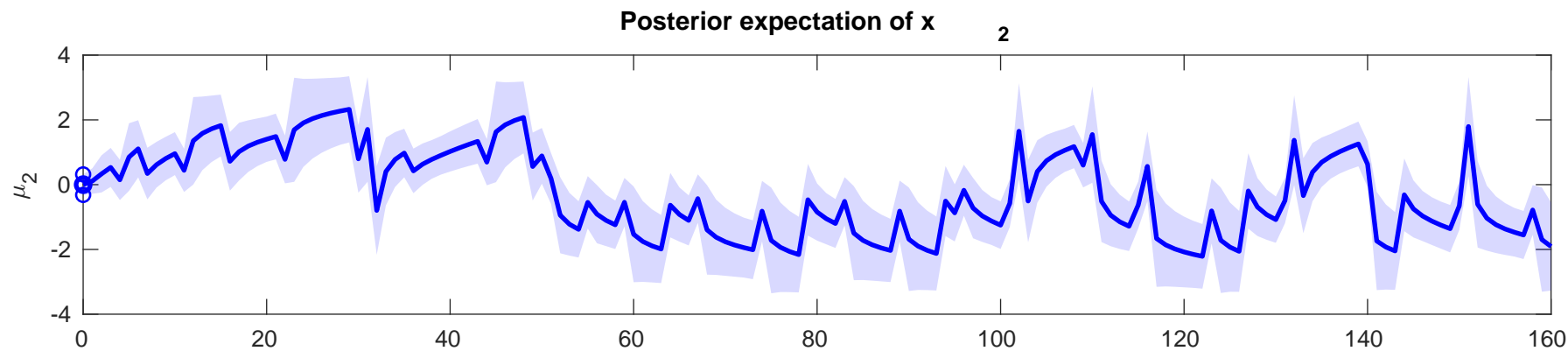
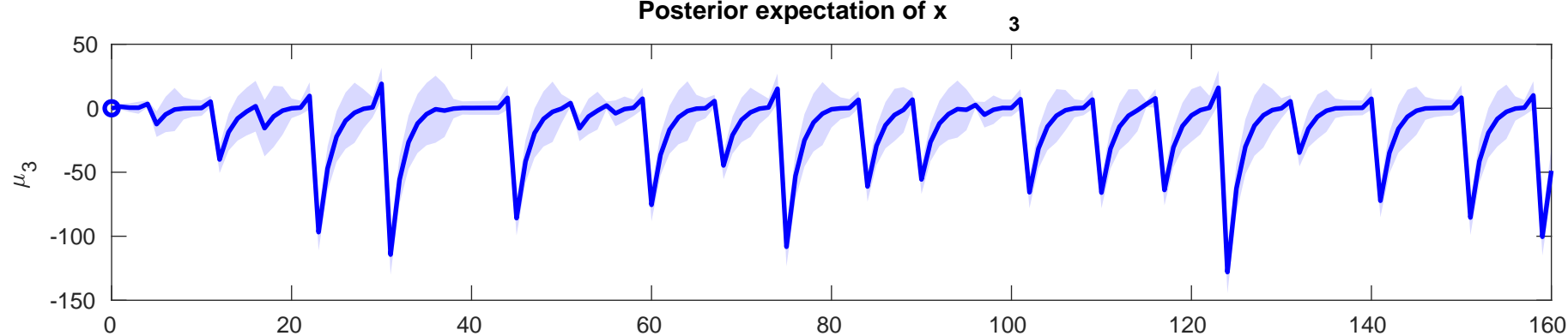
Posterior expectation of  $x$

2

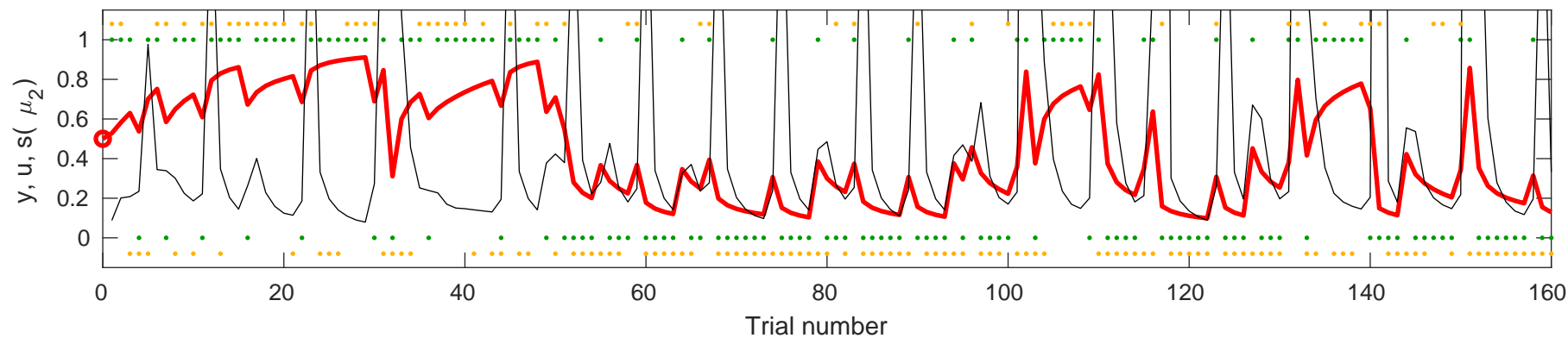


Response  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.32$

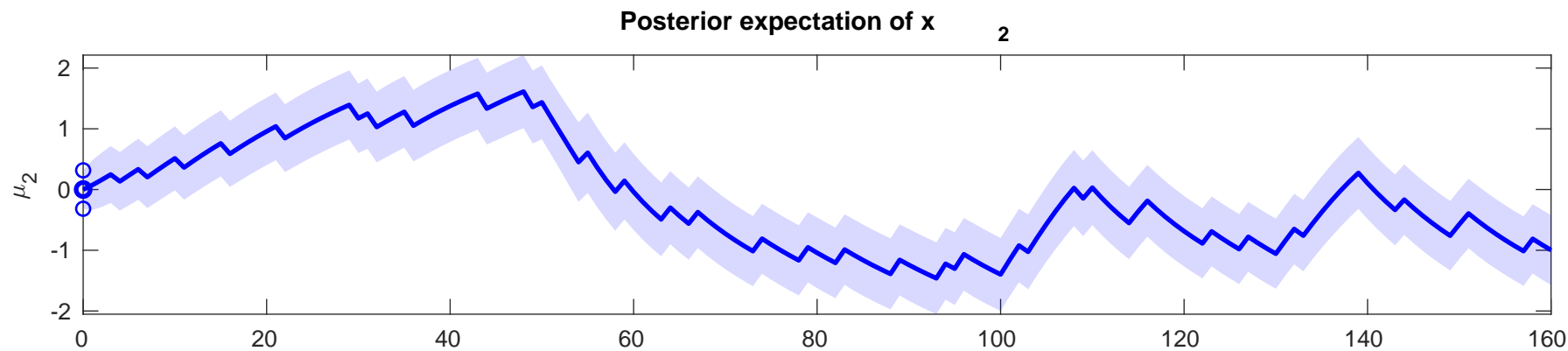
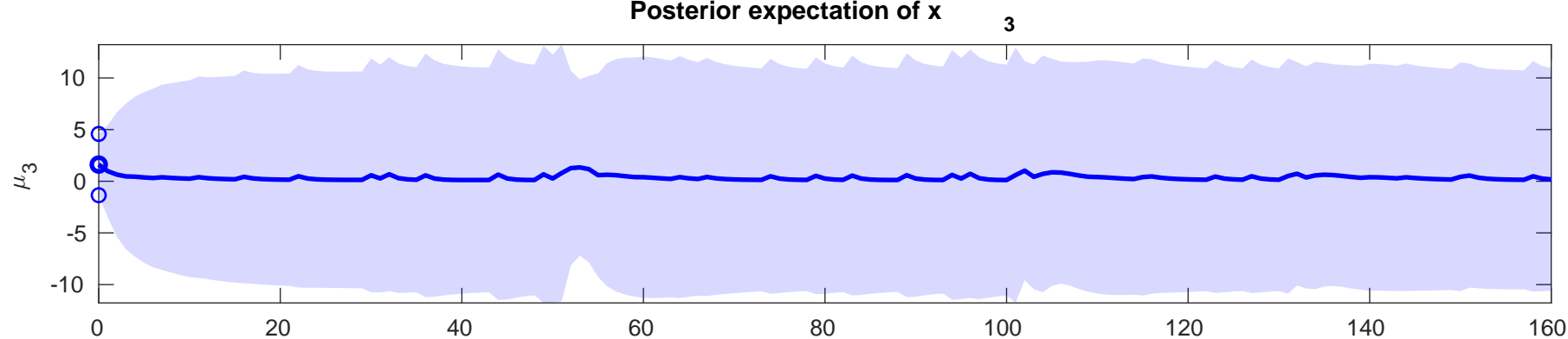




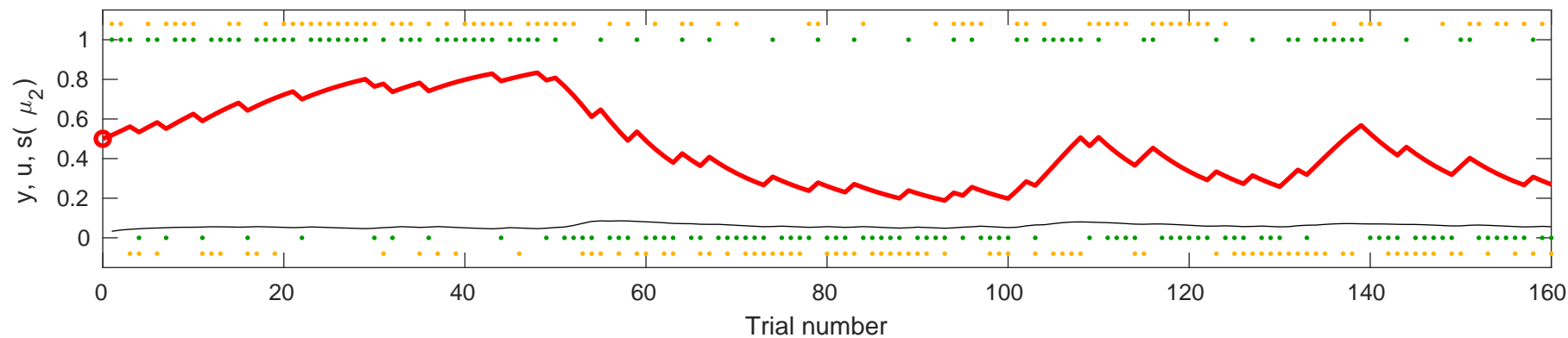
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.6356$

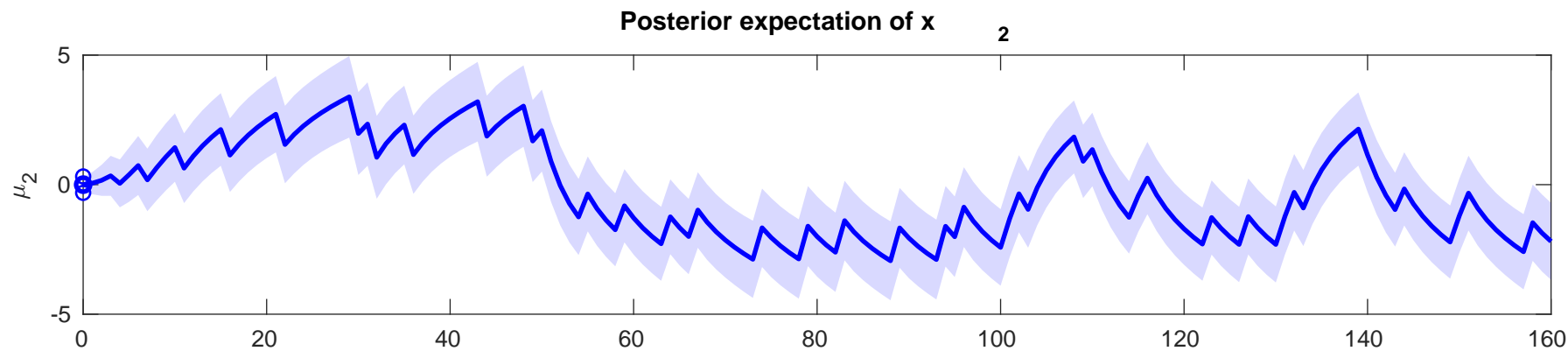
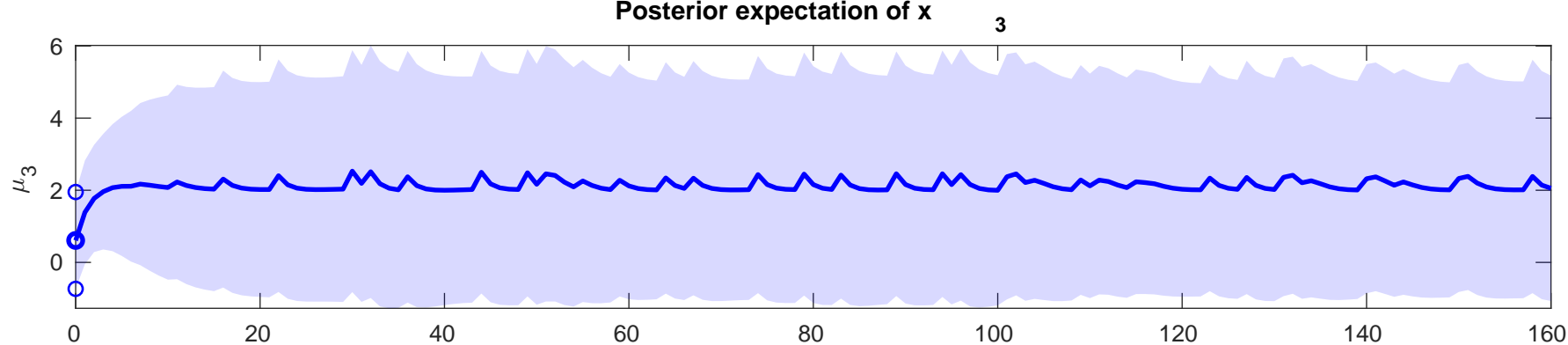




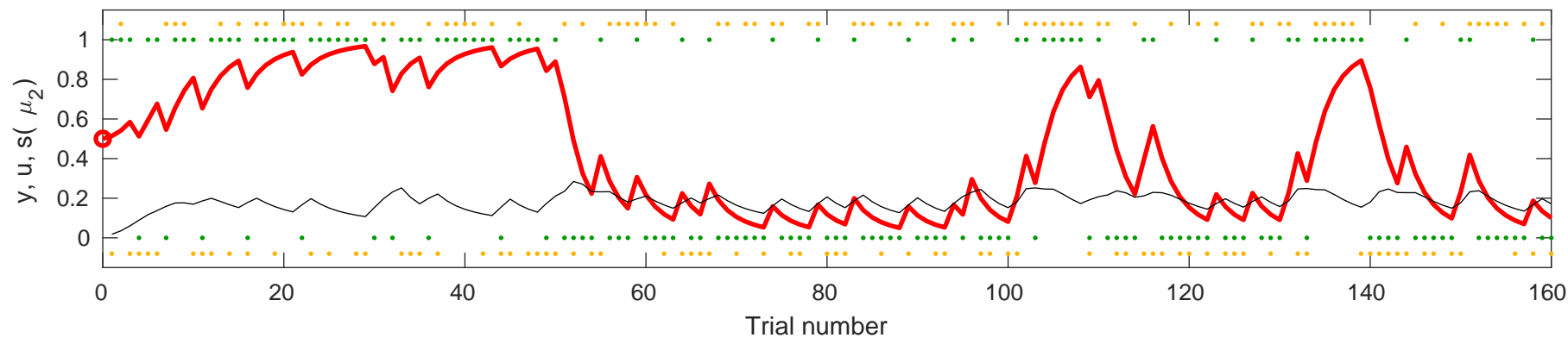


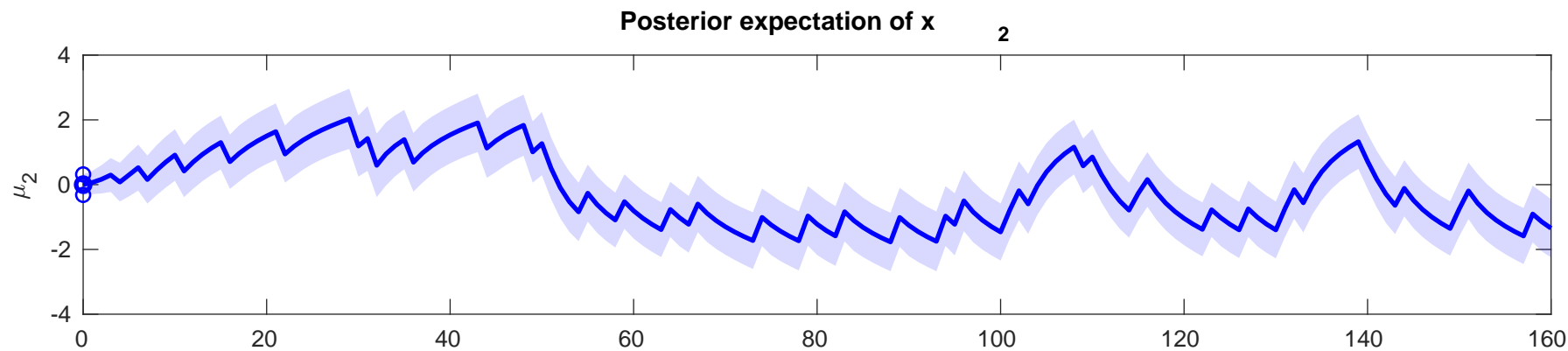
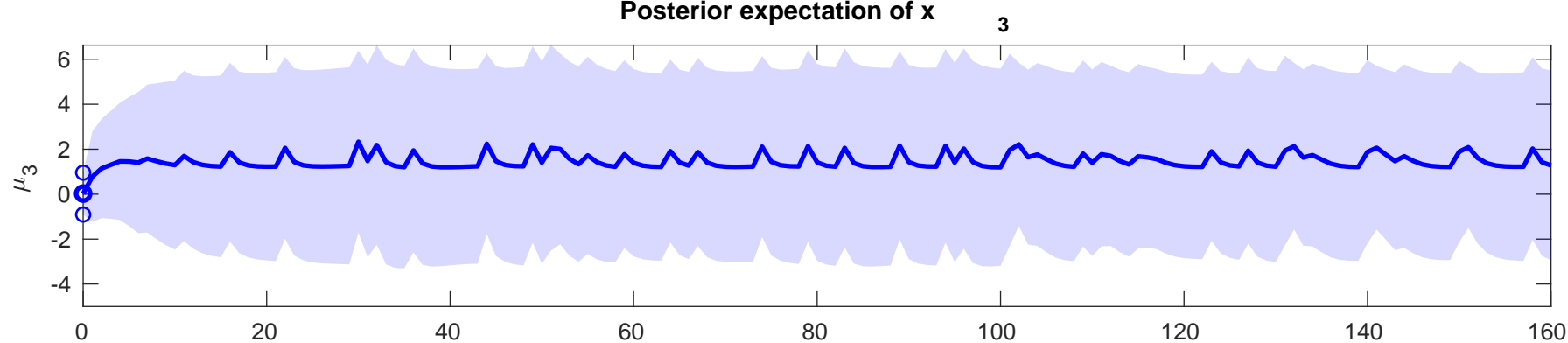
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.2093$



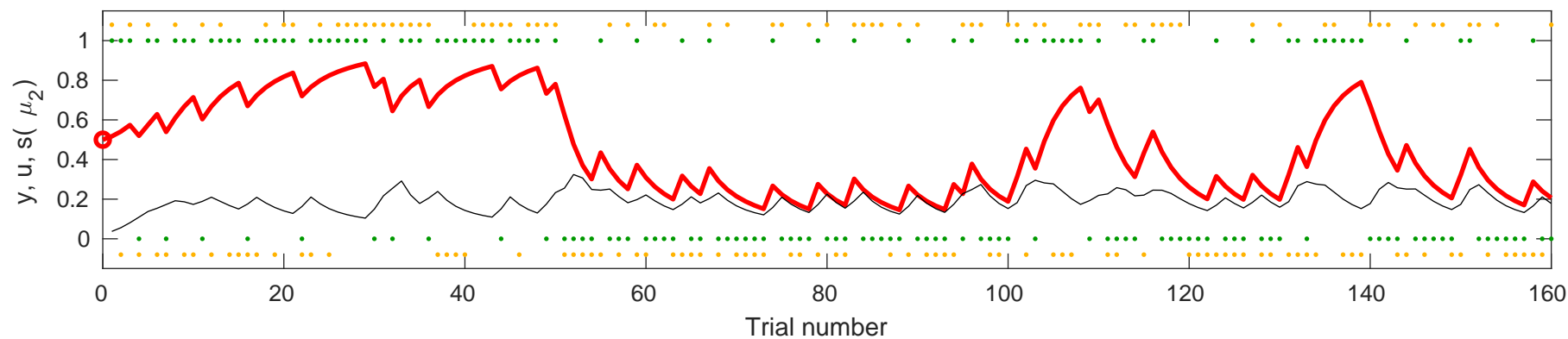


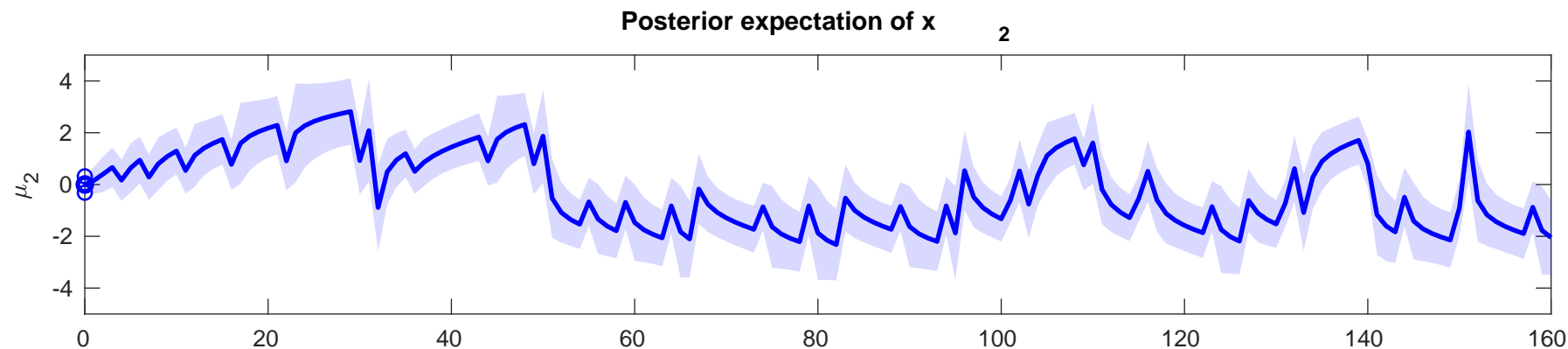
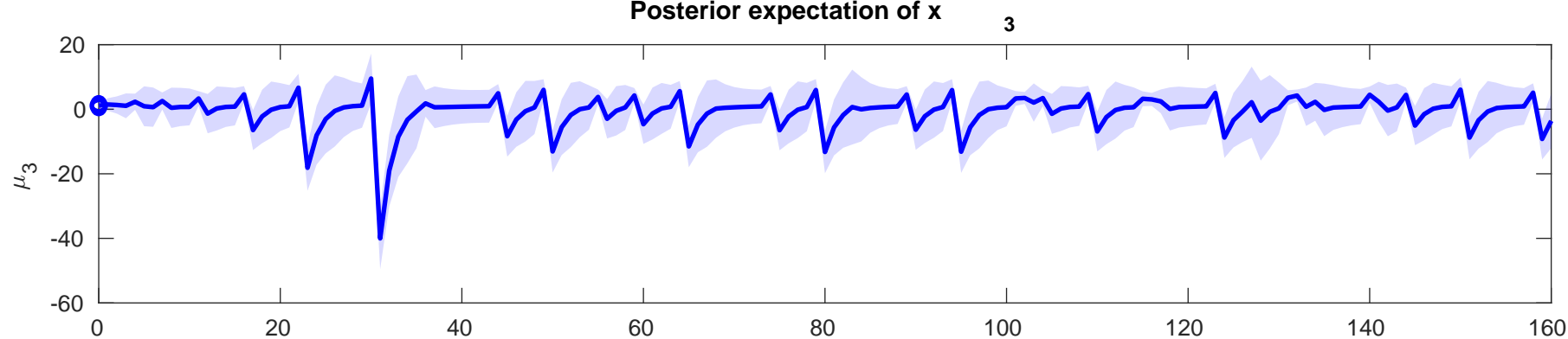
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-3.0631$



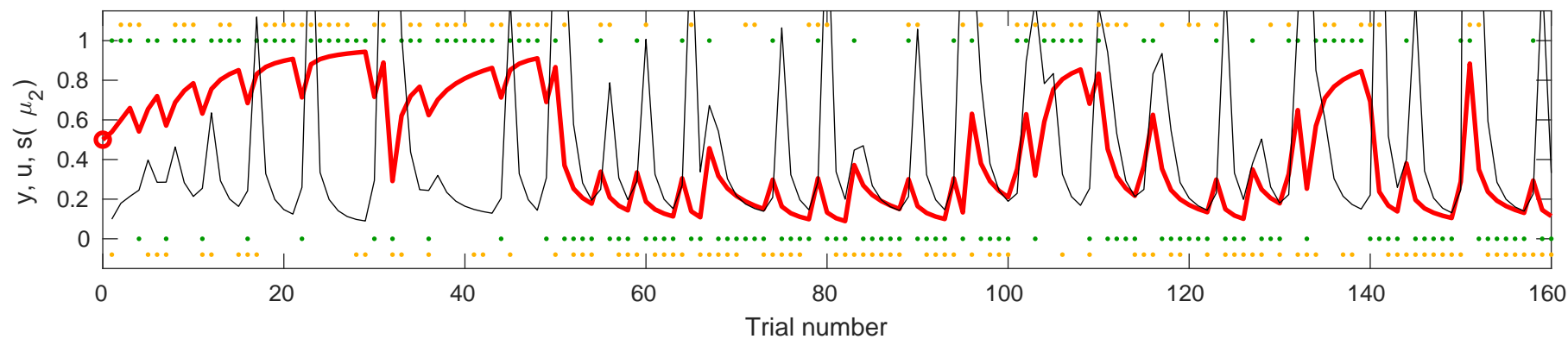


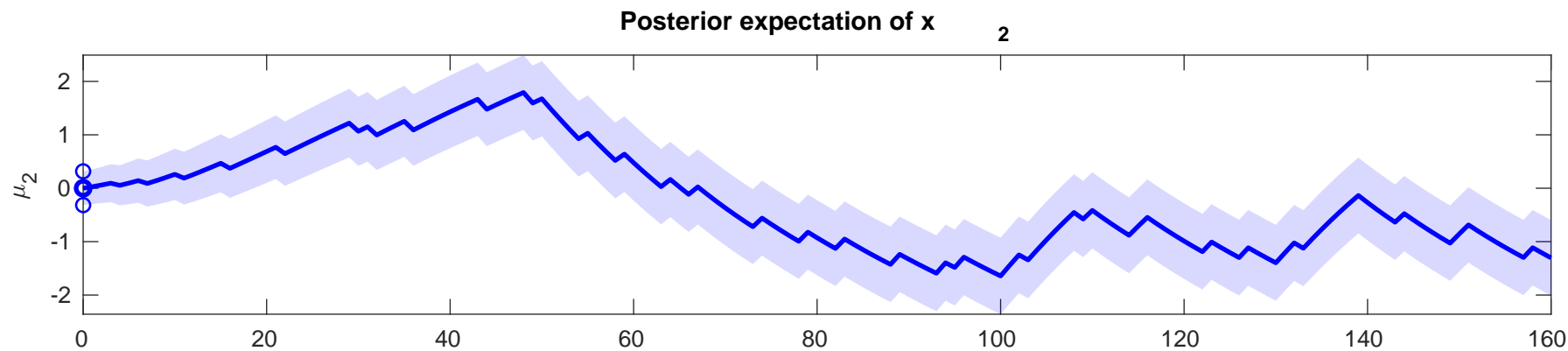
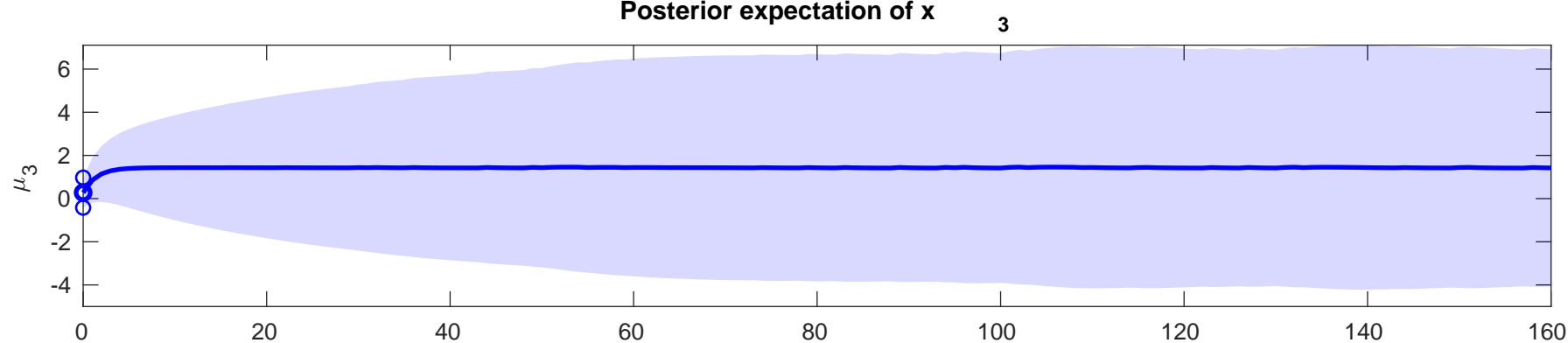
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.3961$



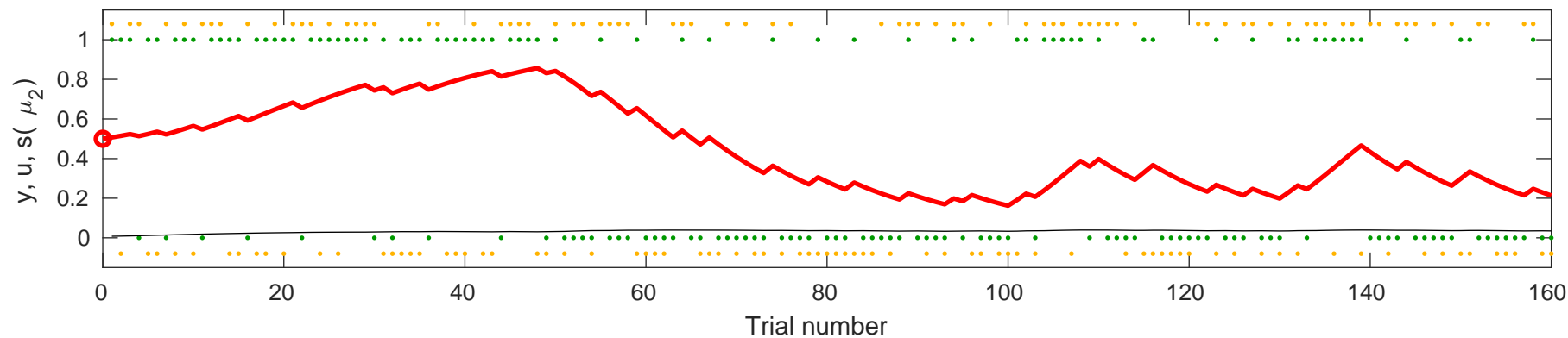


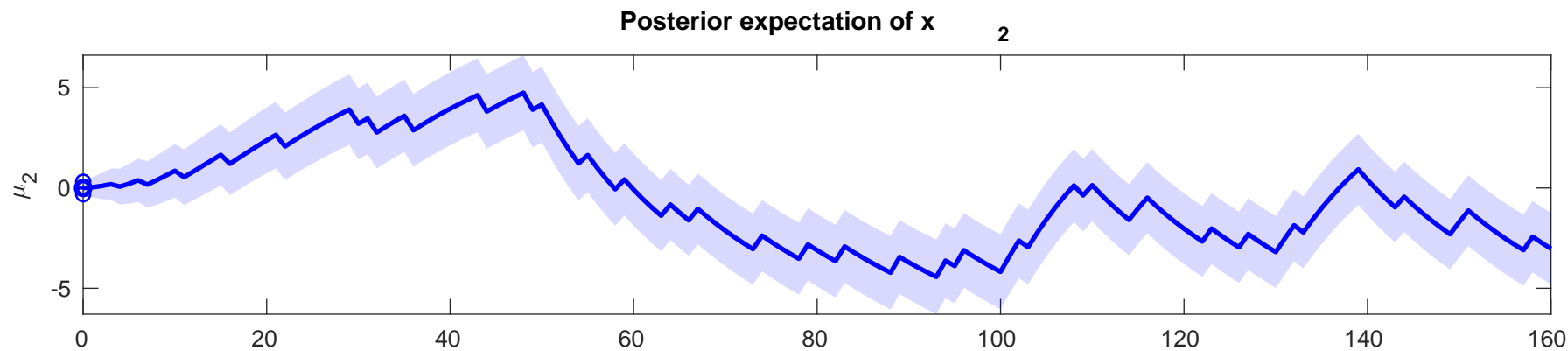
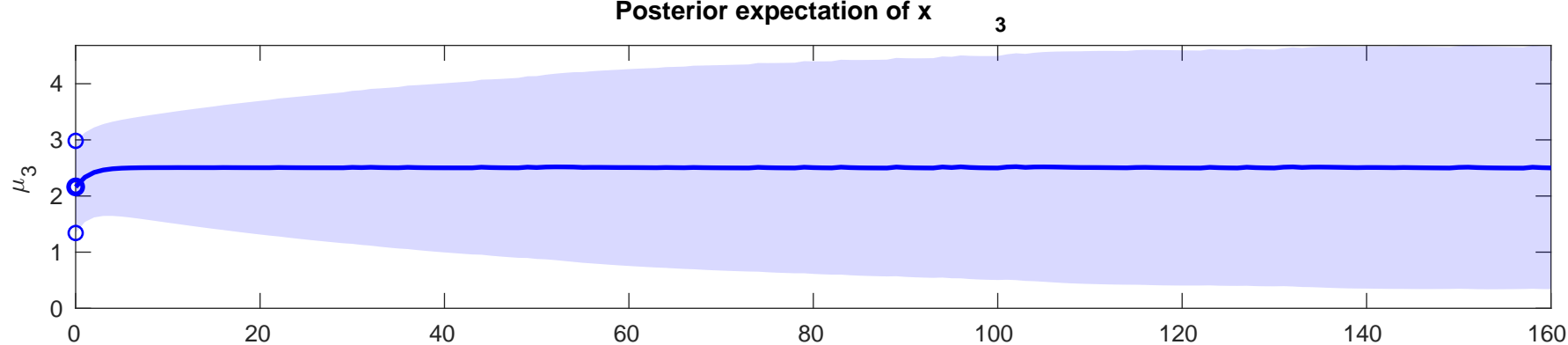
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.7187$



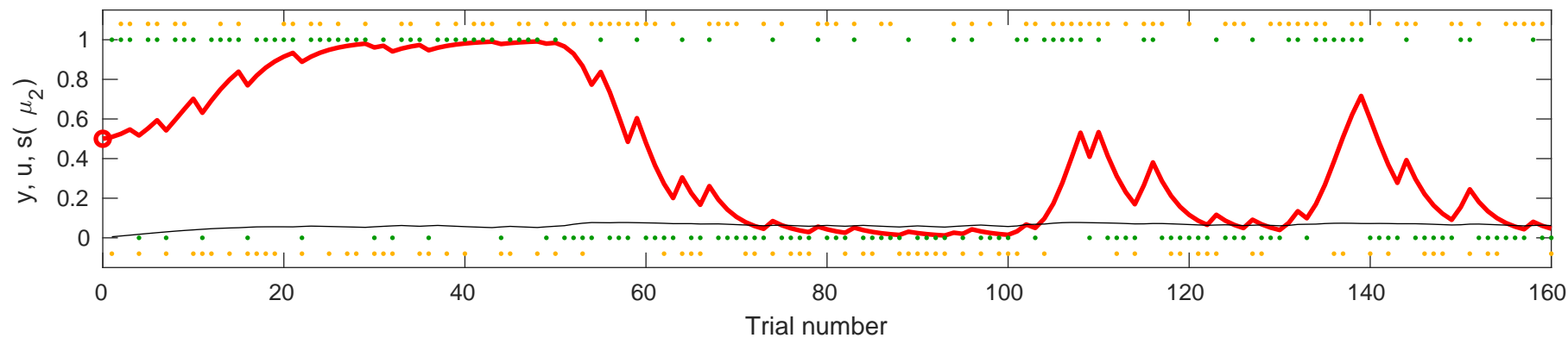


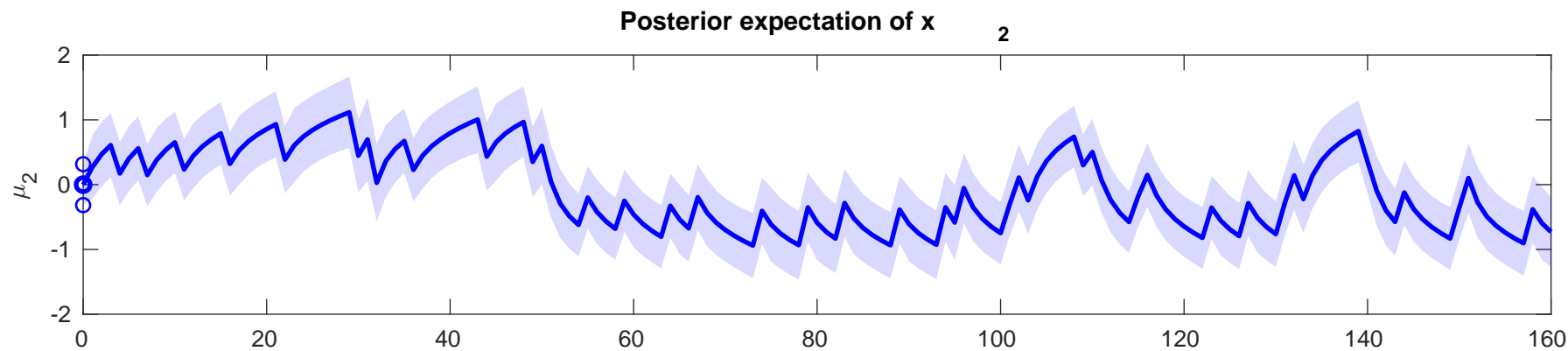
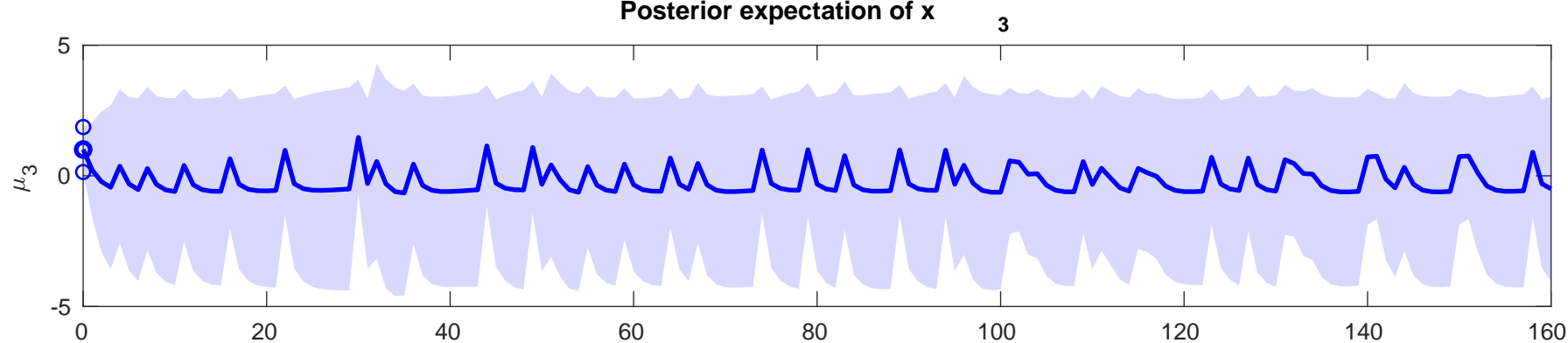
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.4292$



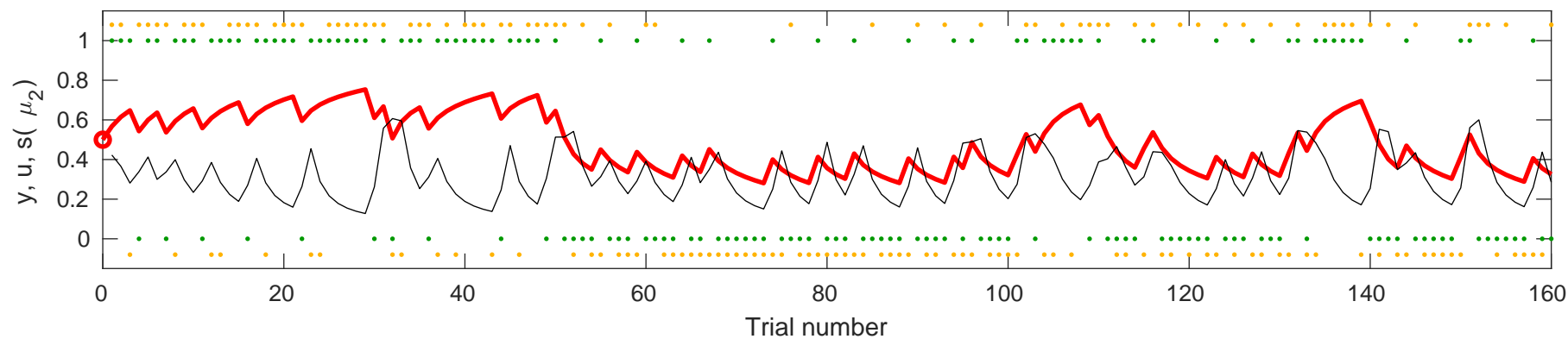


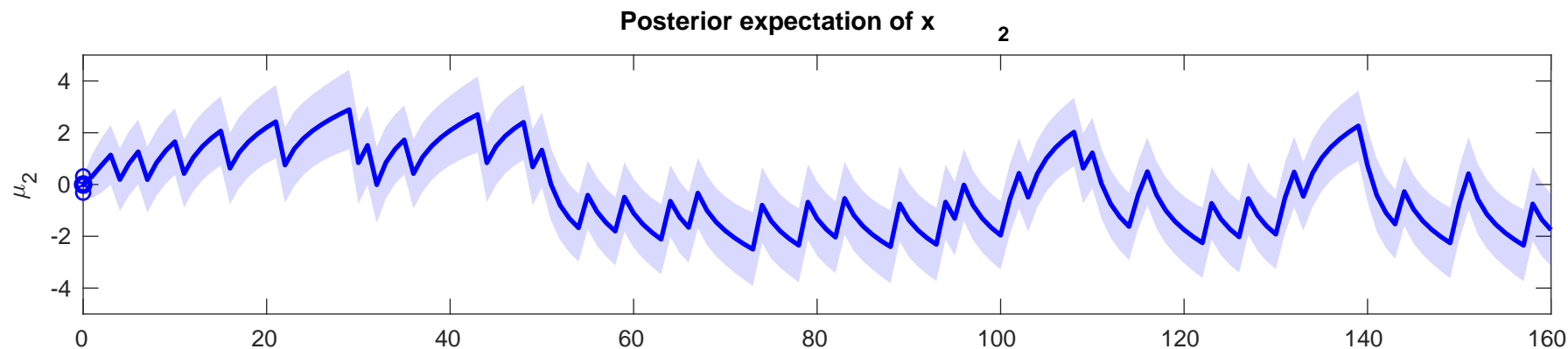
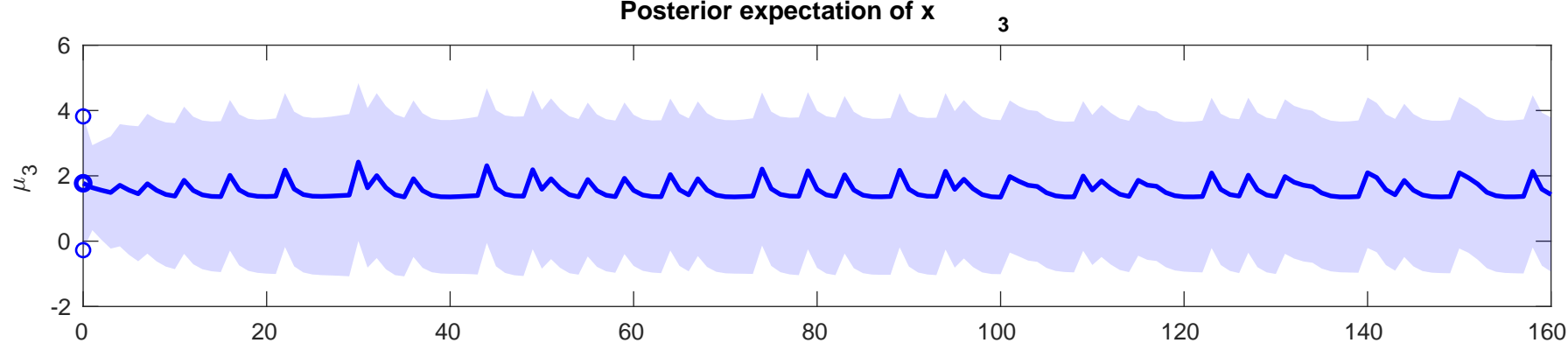
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.0519$



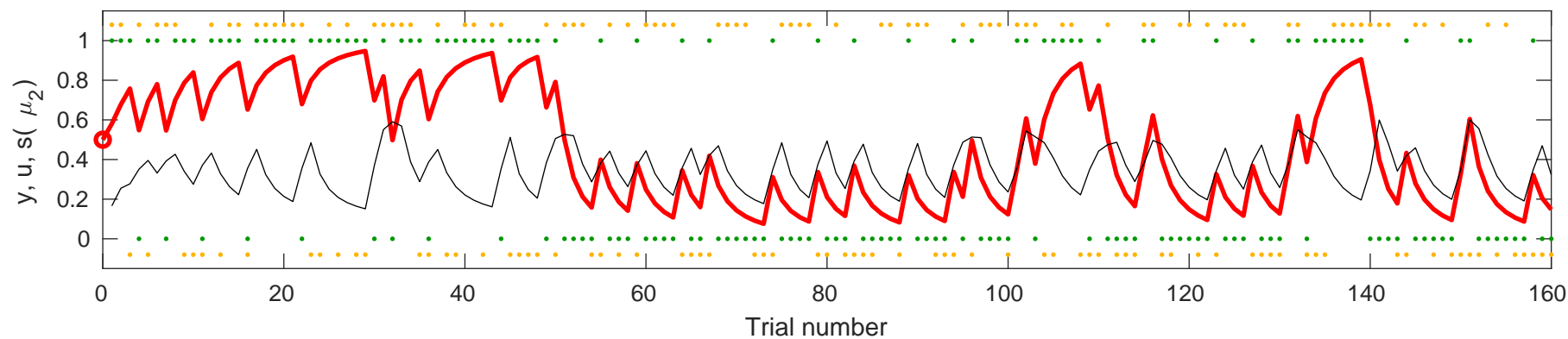


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.4172$

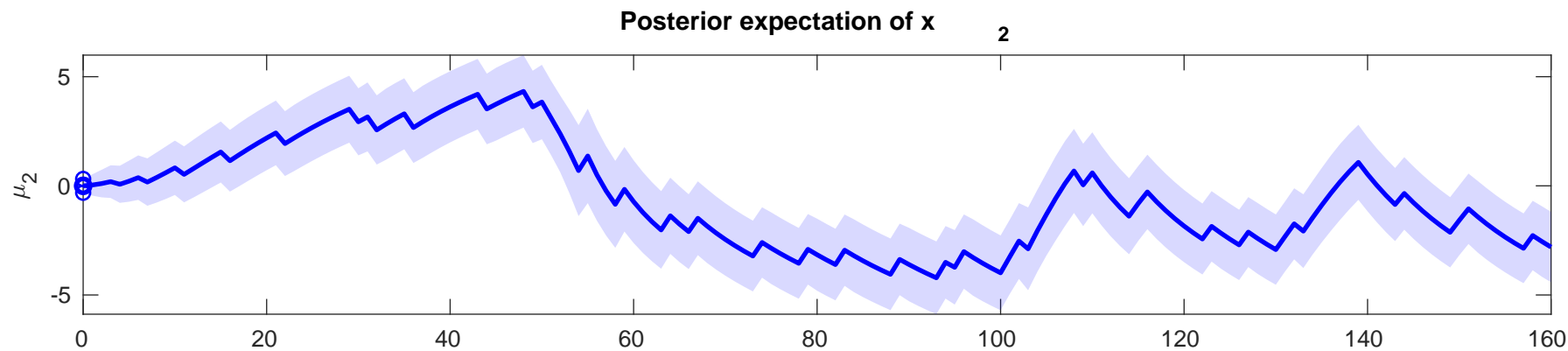
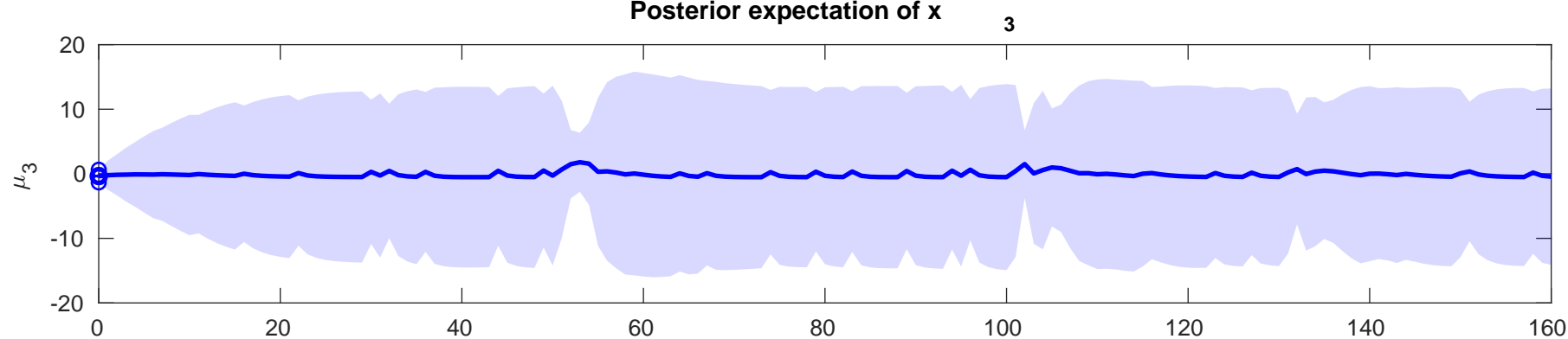




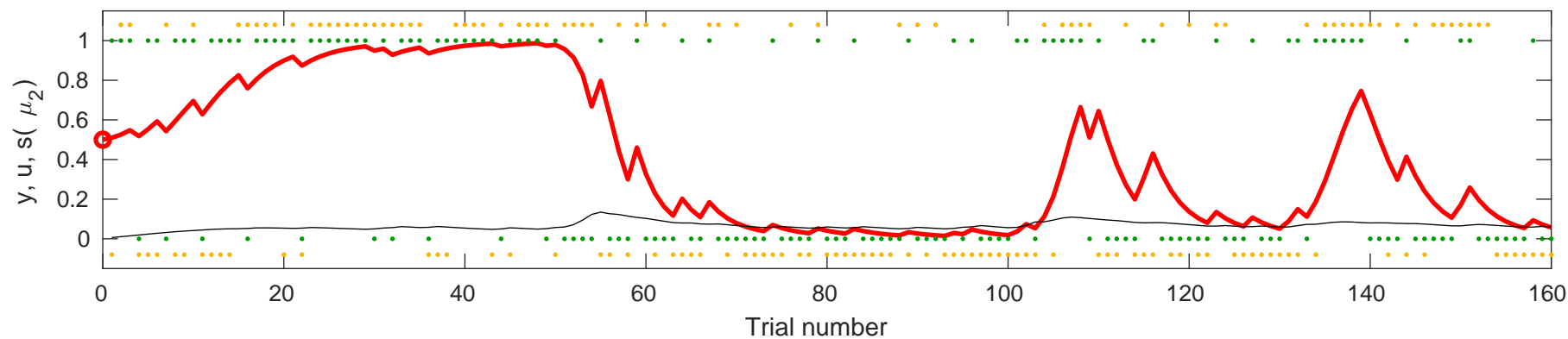
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.0465$

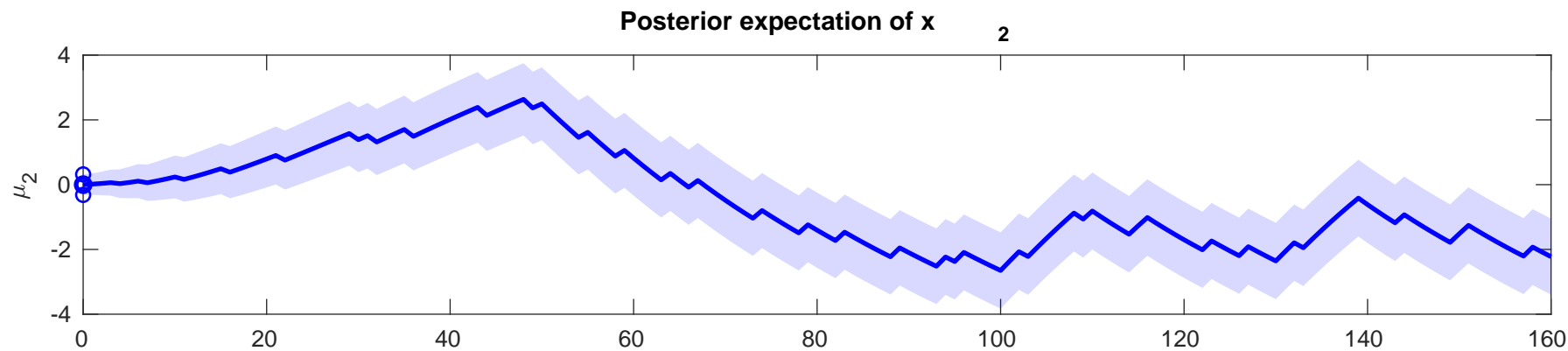
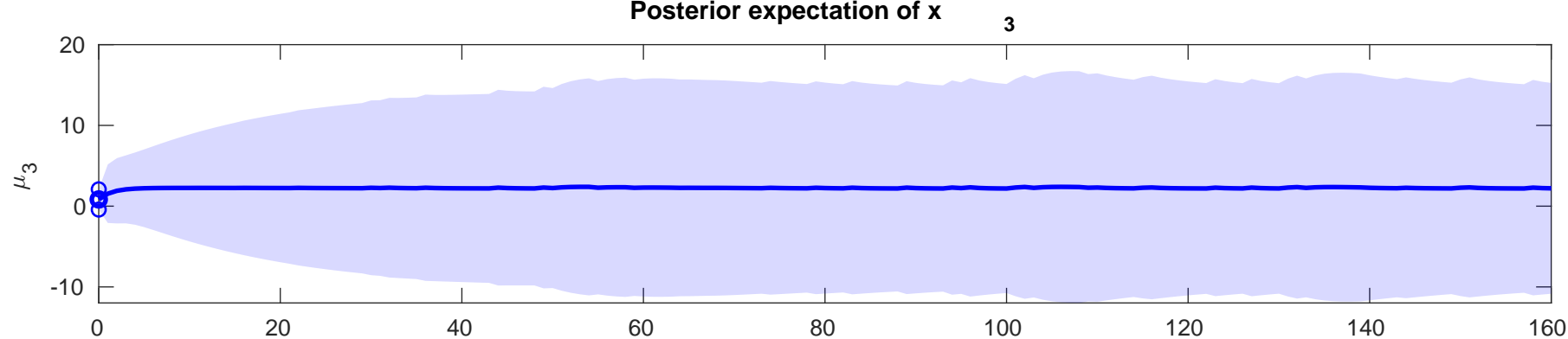




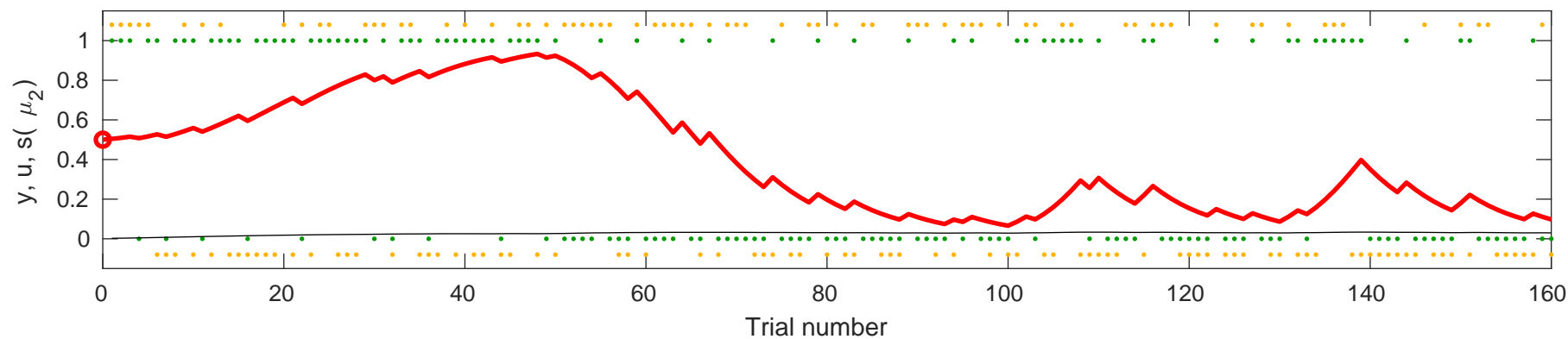


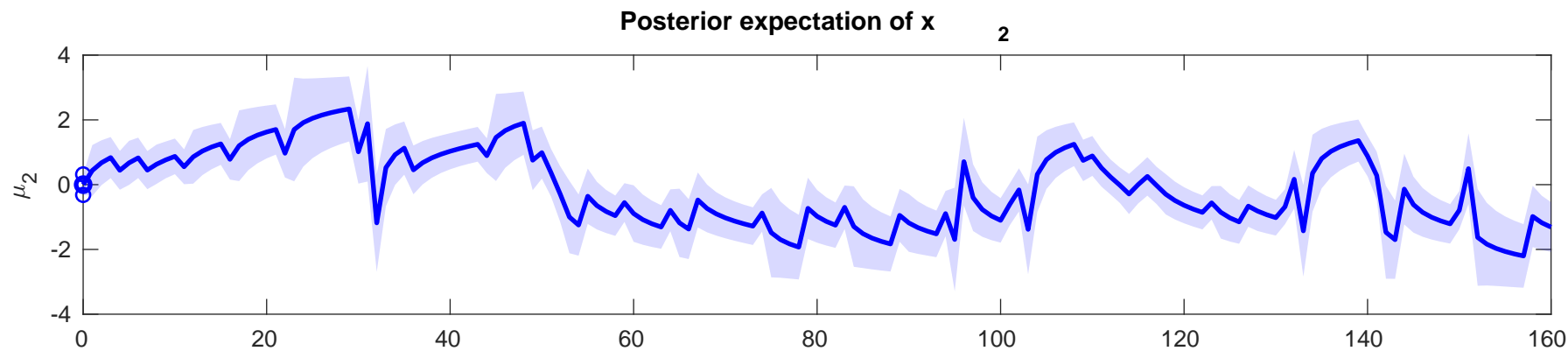
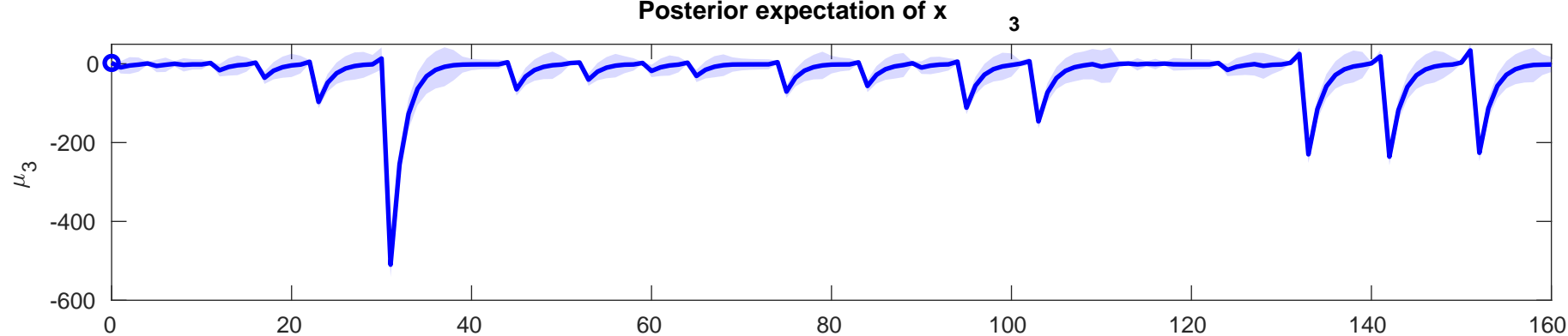
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.6003$



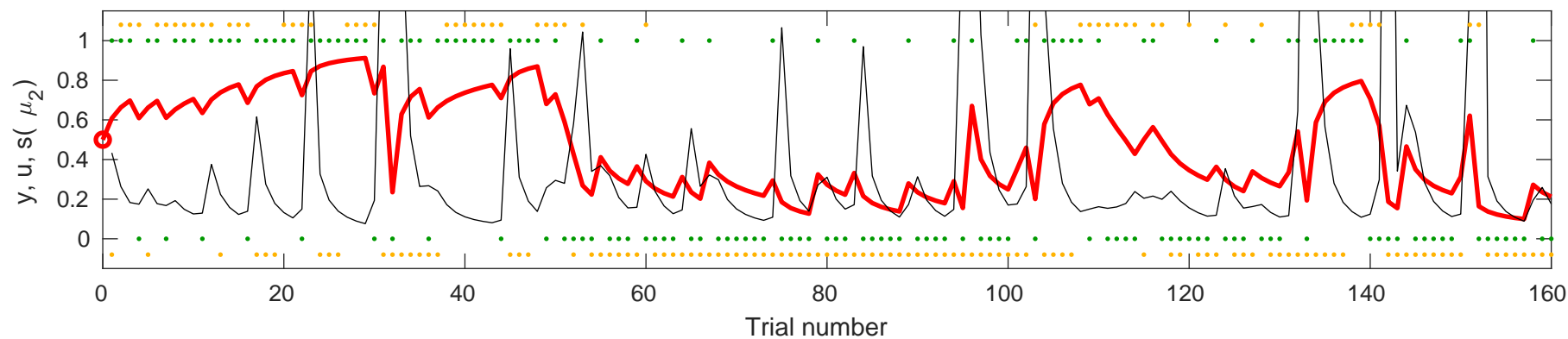


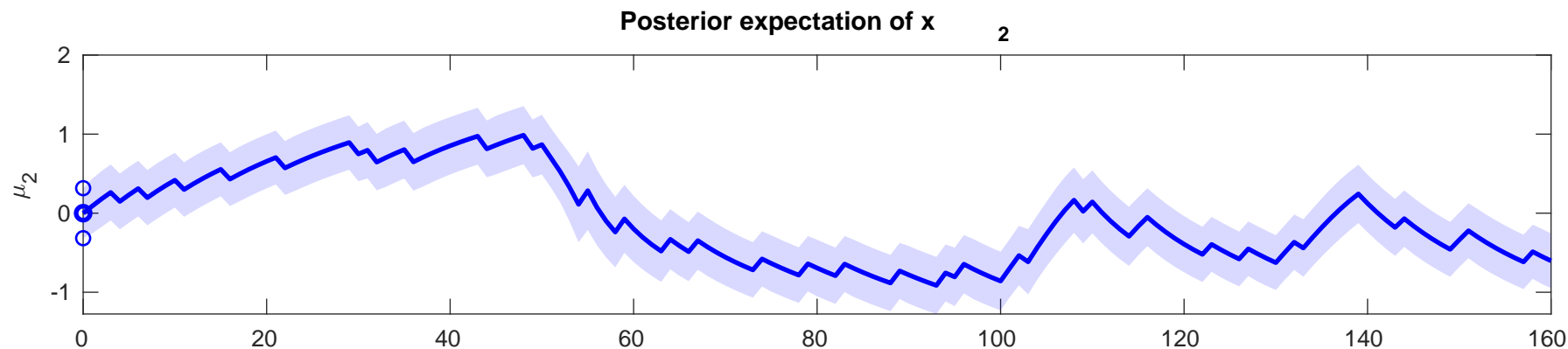
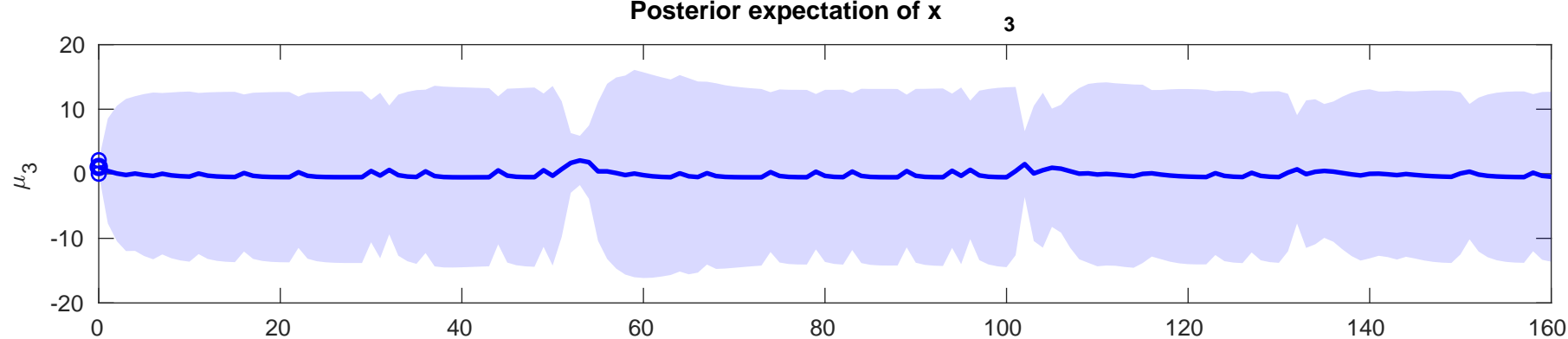
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.3926$



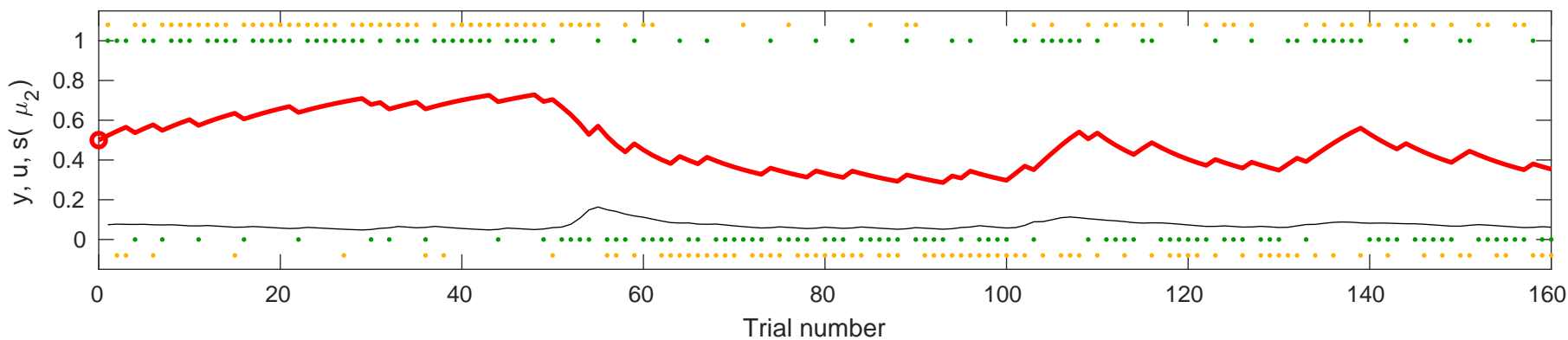


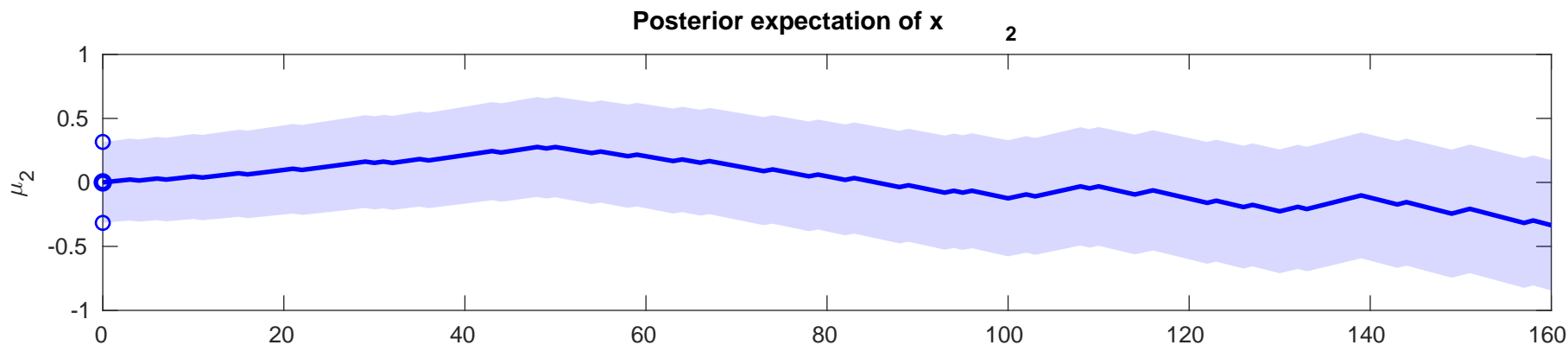
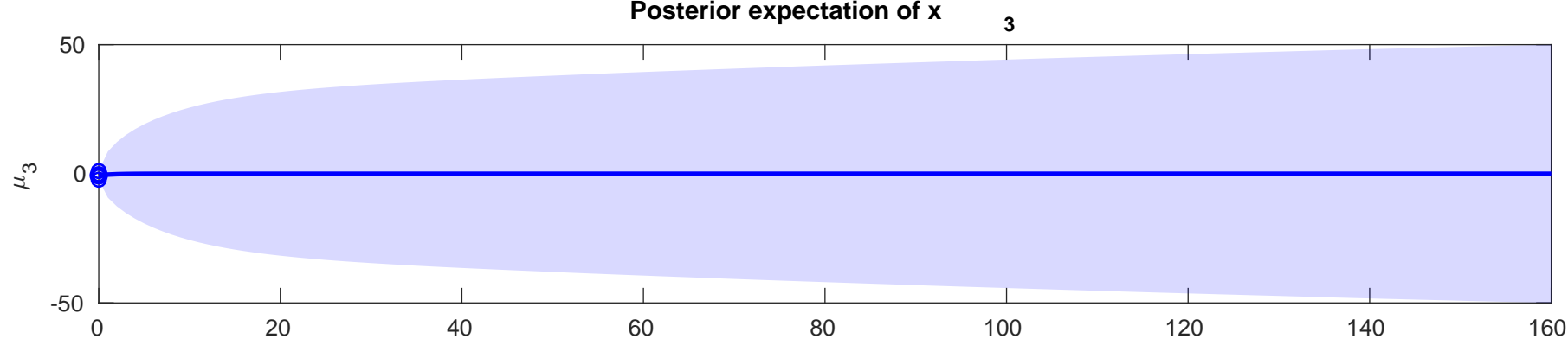
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.2658$



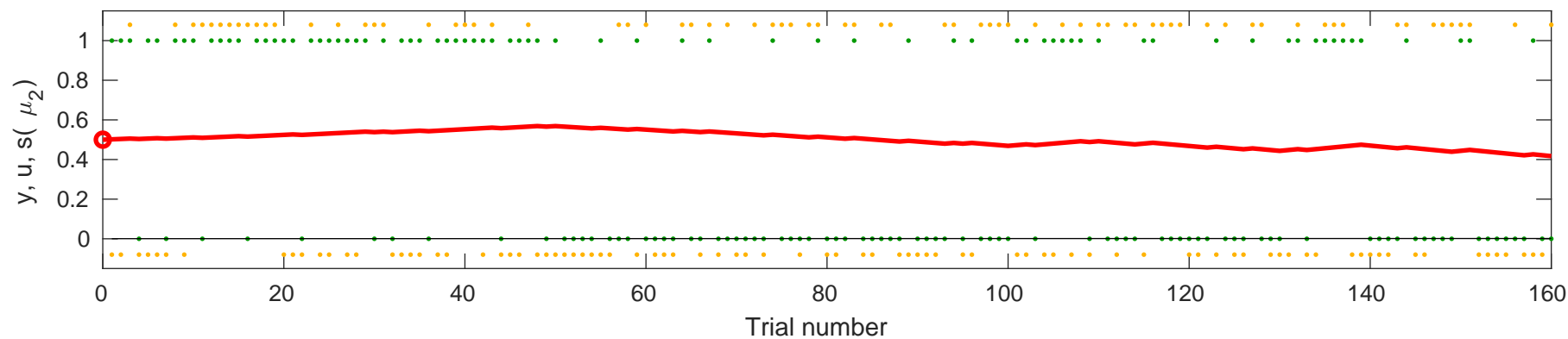


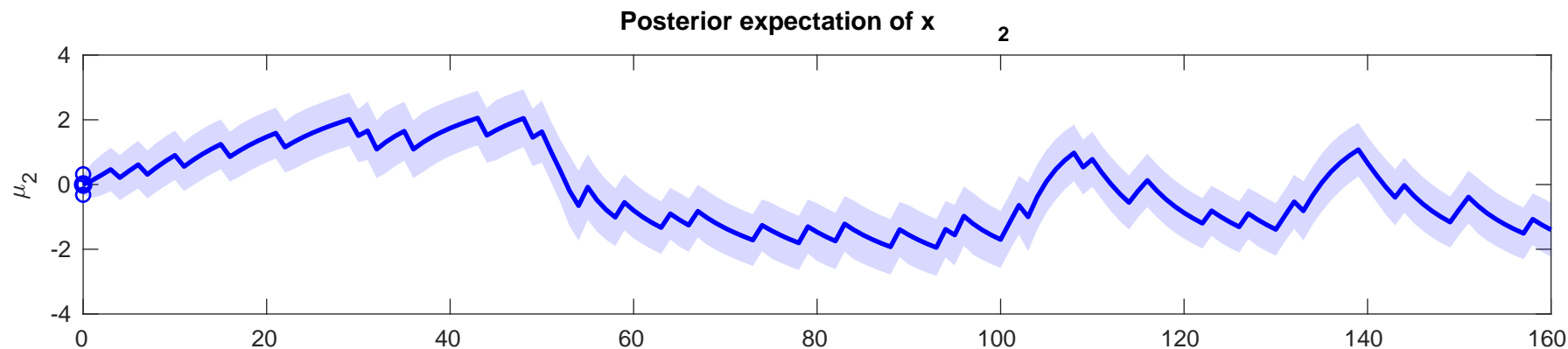
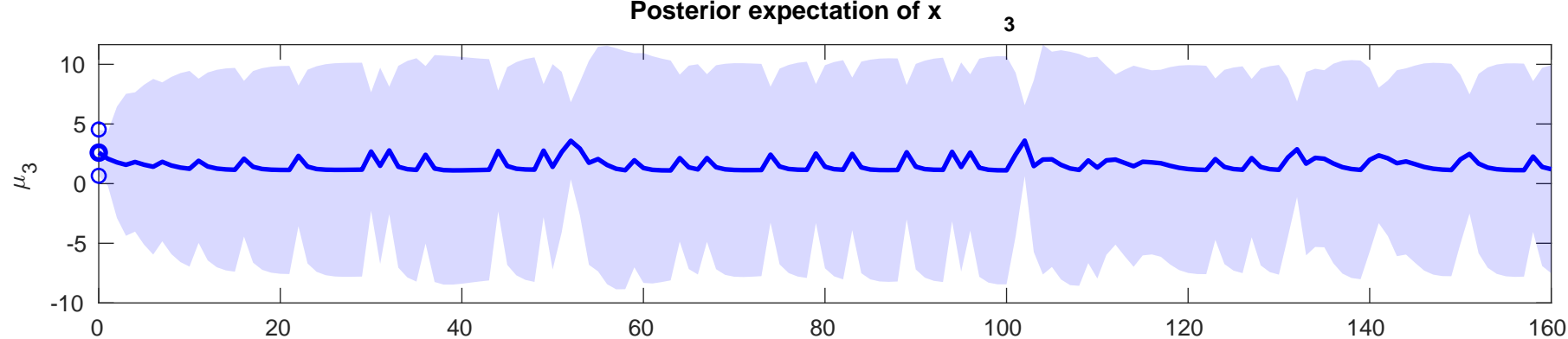
Plot showing the posterior expectation of  $x_2$  (Y-axis, ranging from -1 to 2) versus Trial number (X-axis, ranging from 0 to 160). The plot displays a solid blue line representing the mean and a light blue shaded area representing the uncertainty. The mean value starts near 0, increases to a peak around trial 50, and then decreases, fluctuating around 0 for the remainder of the trials.



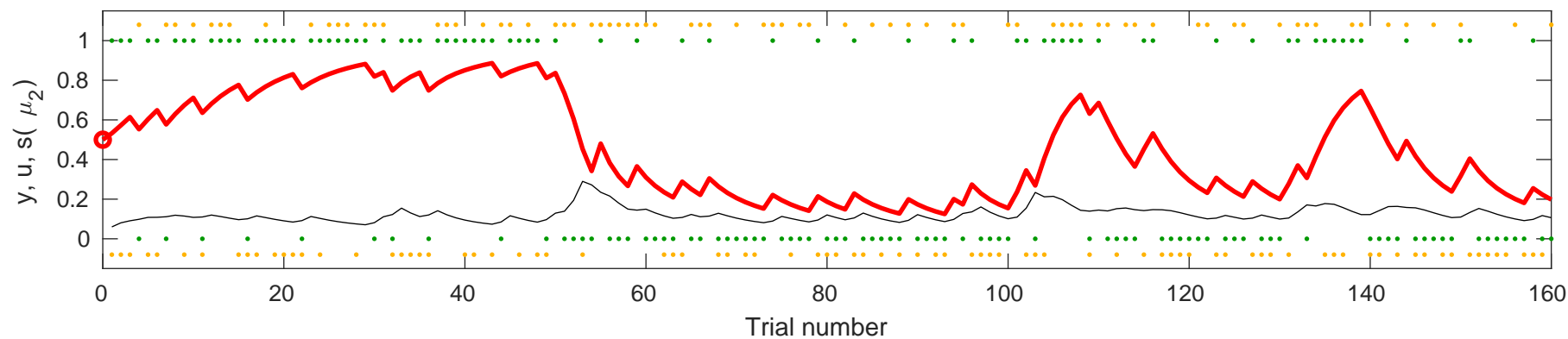


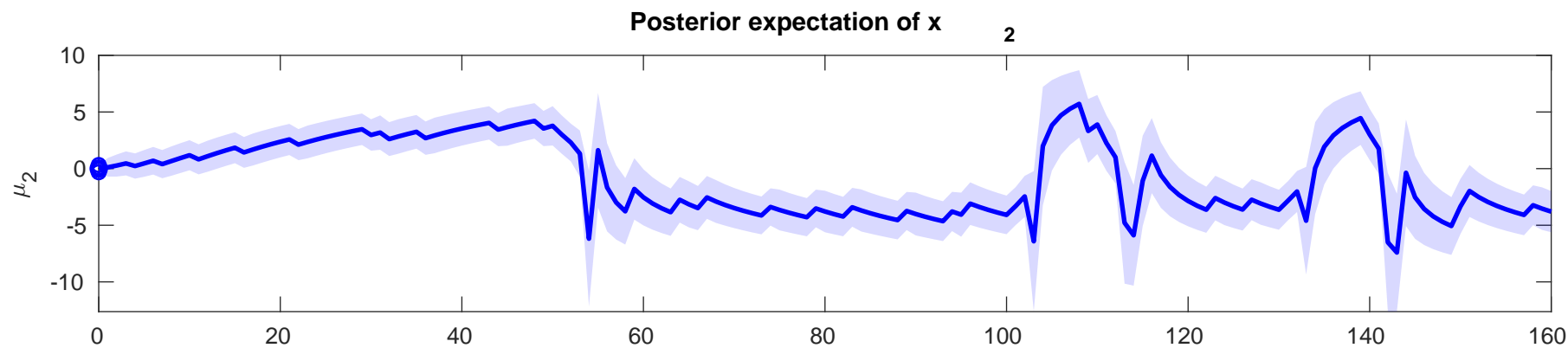
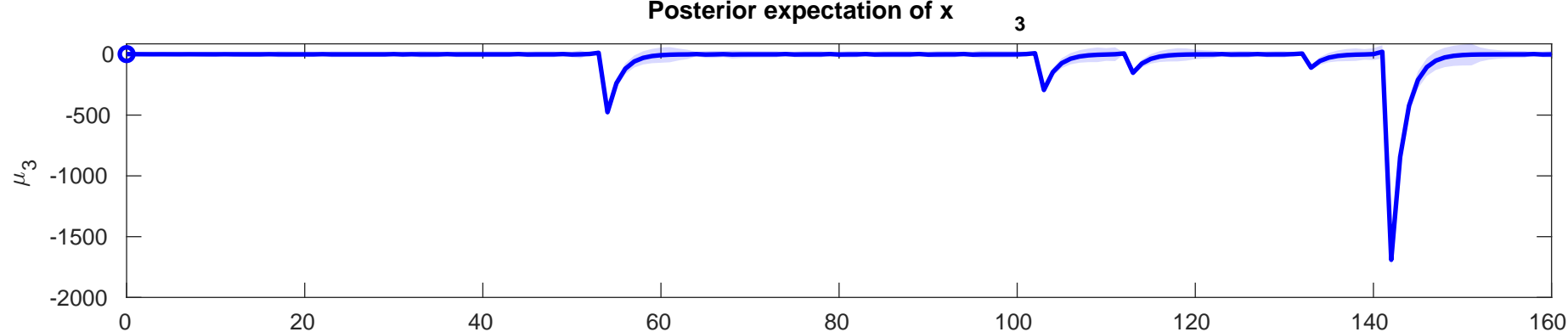
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-6.7053$



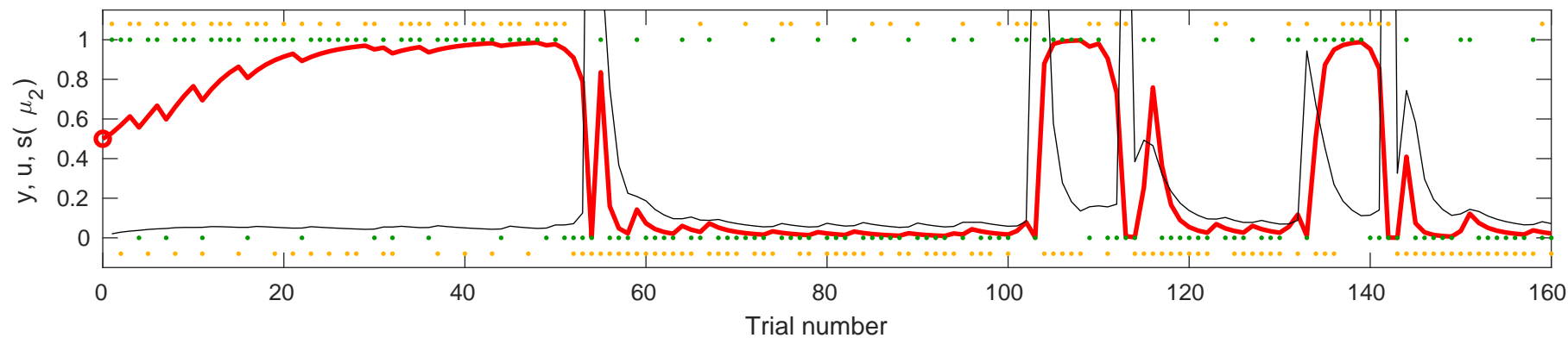


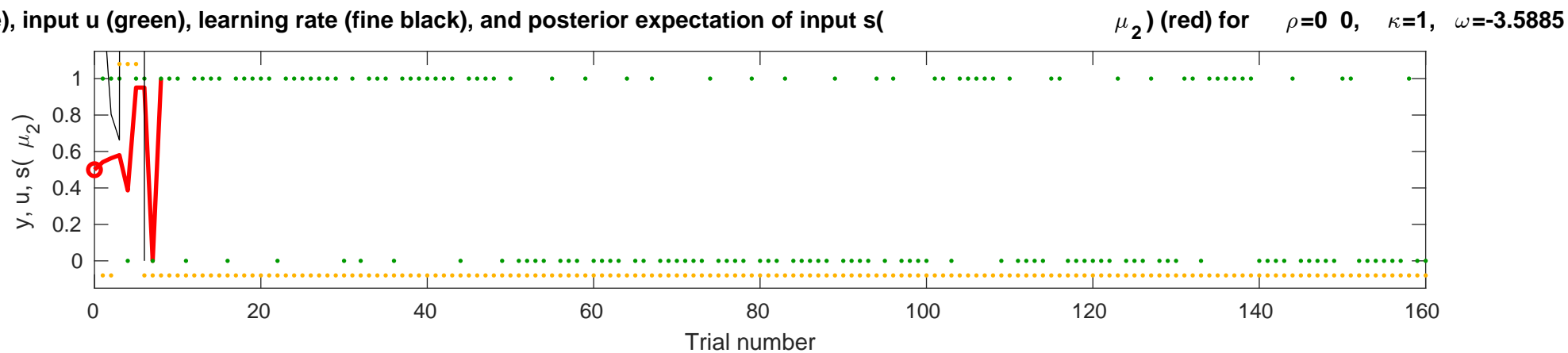
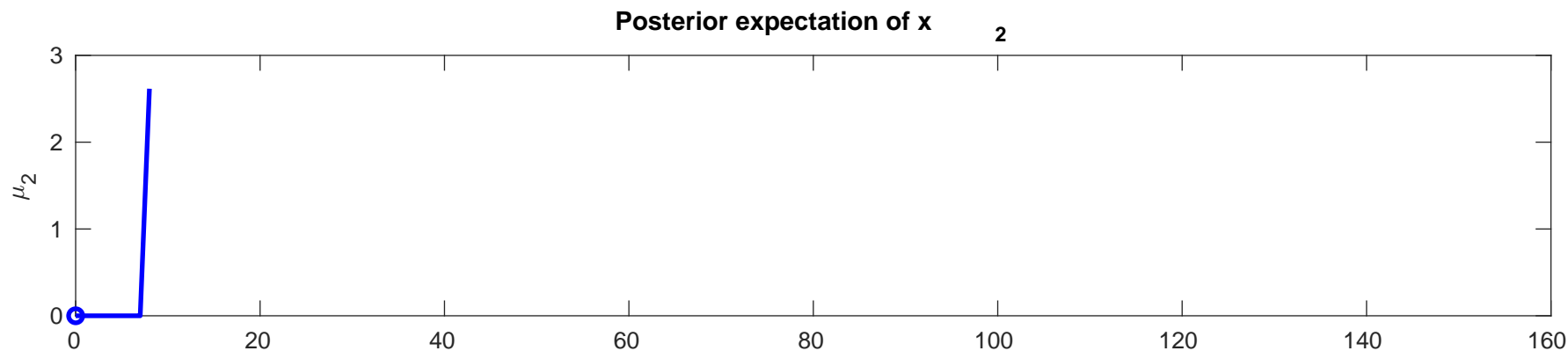
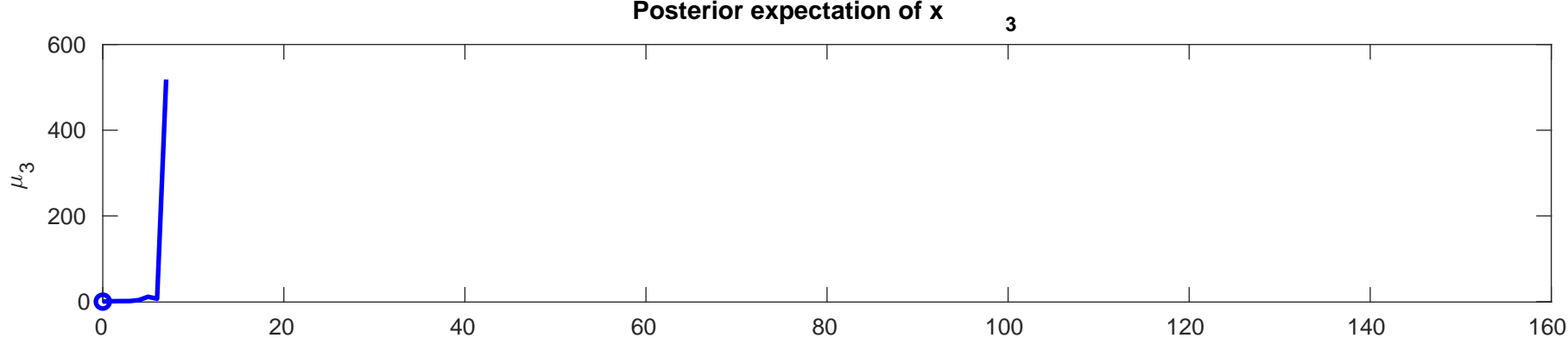
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.1282$





se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.2303$

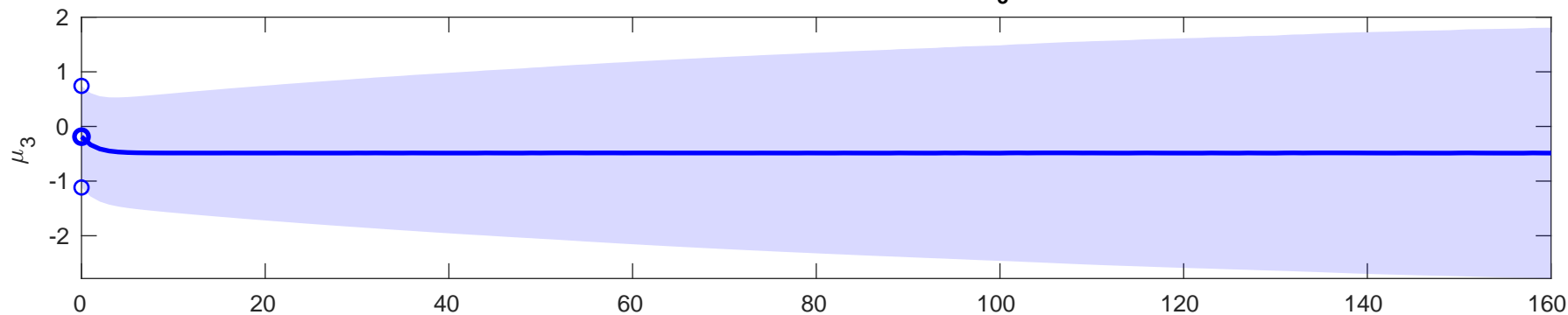




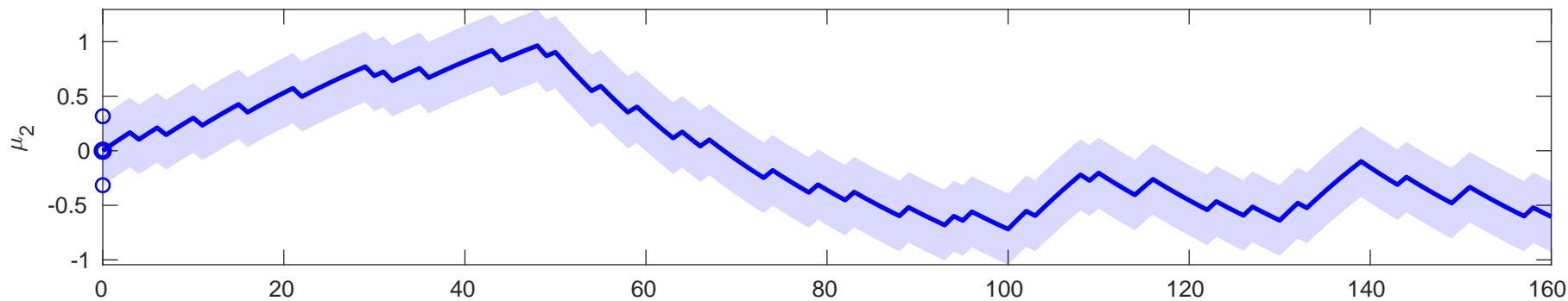


Posterior expectation of  $x$ 

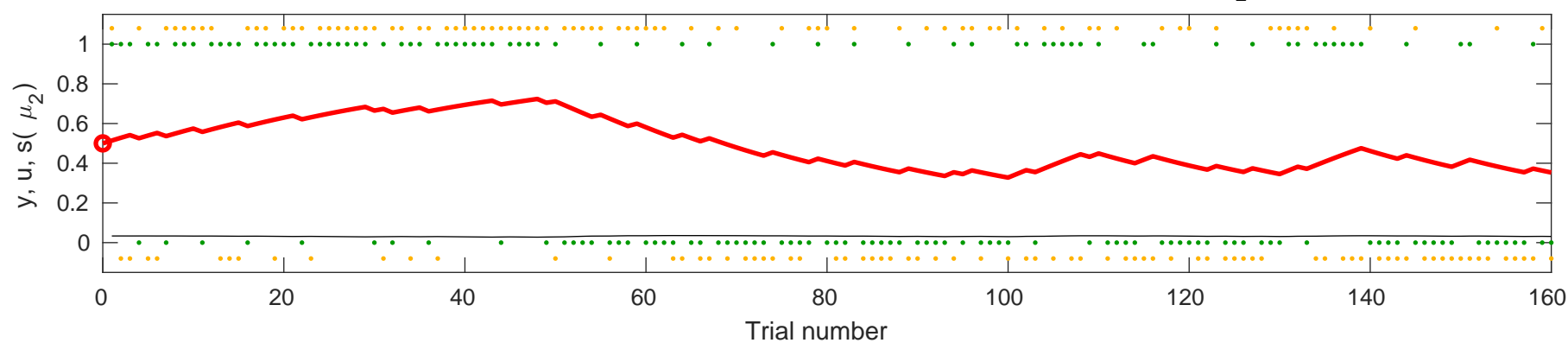
3

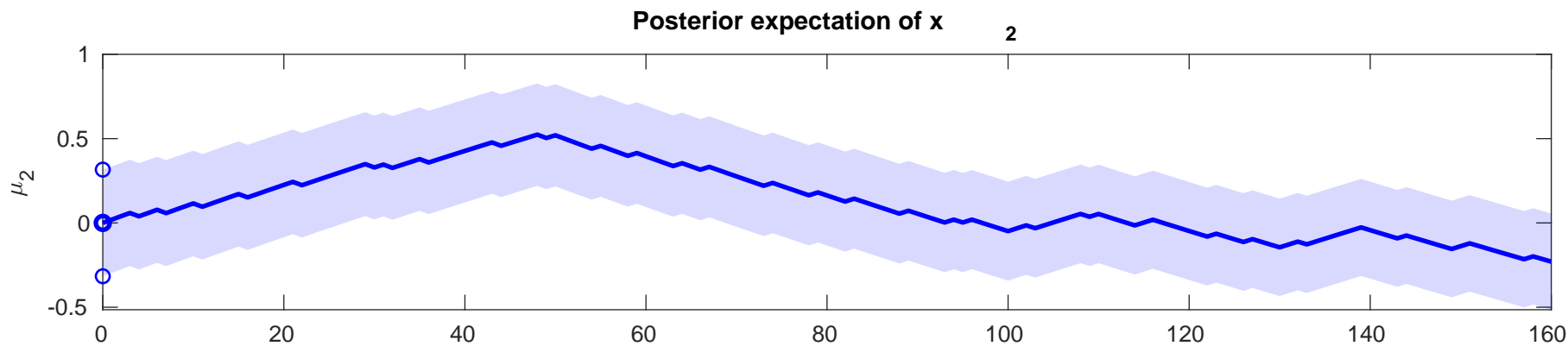
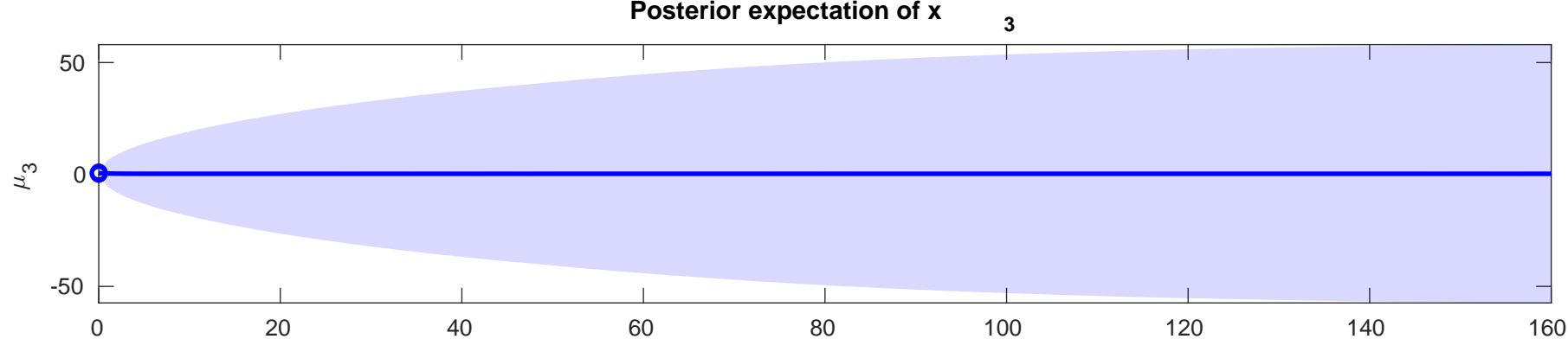
Posterior expectation of  $x$ 

2

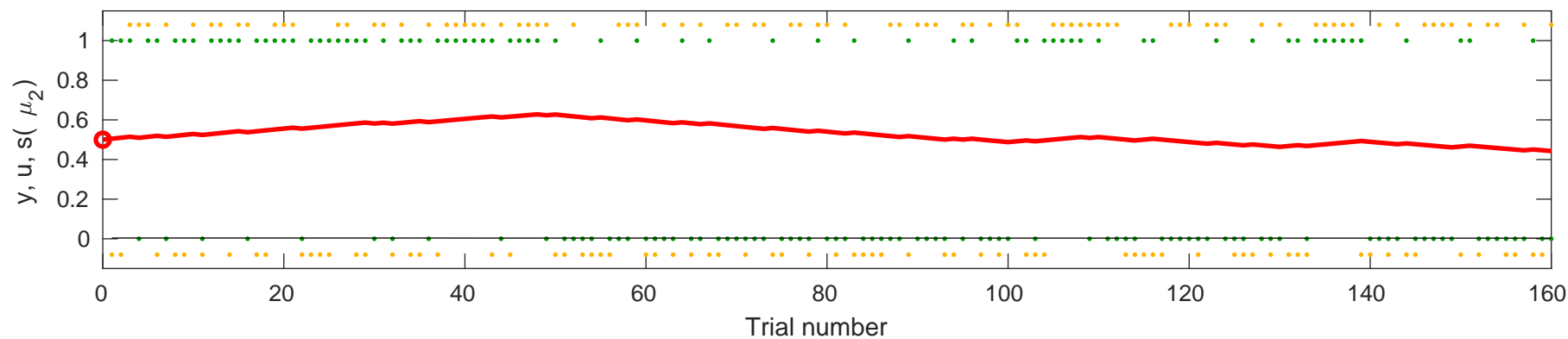


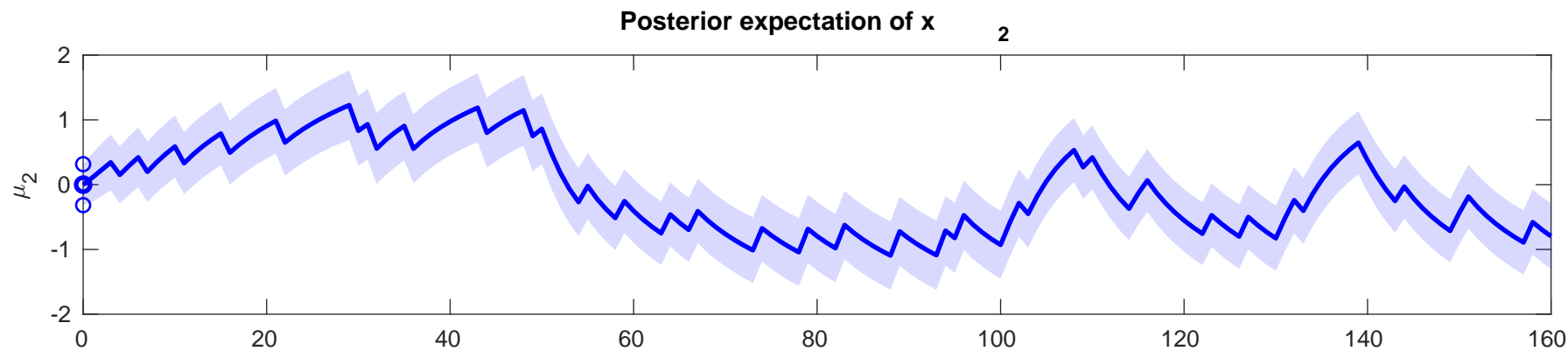
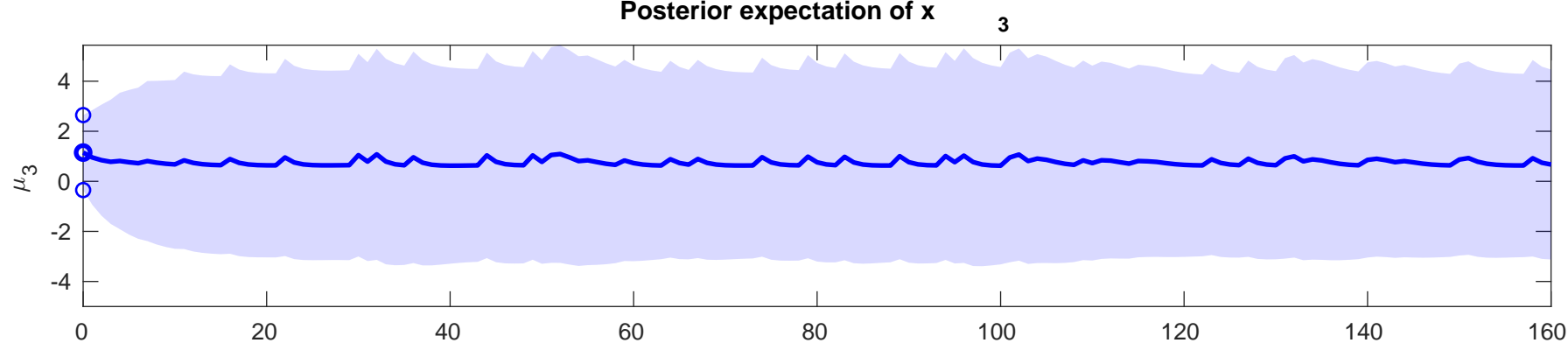
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.1893$



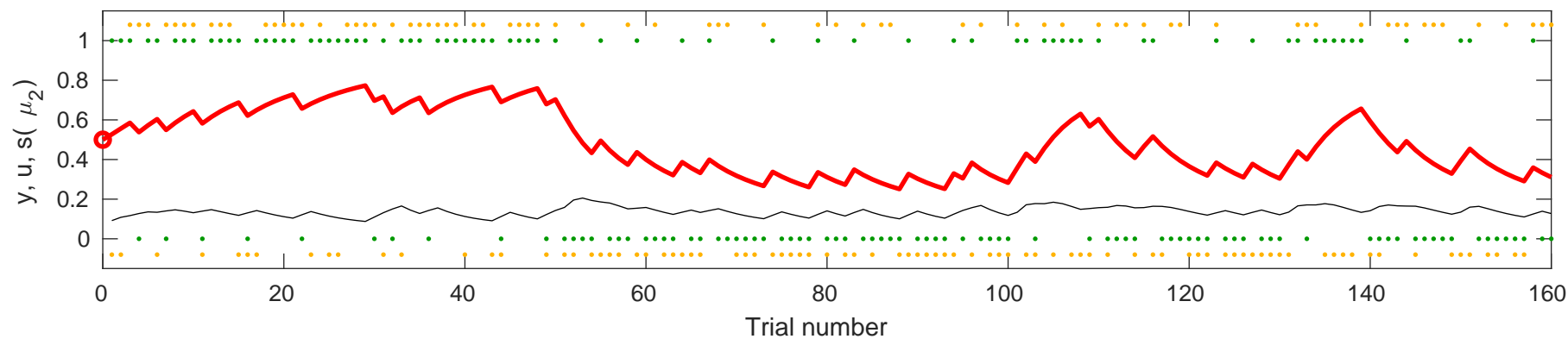


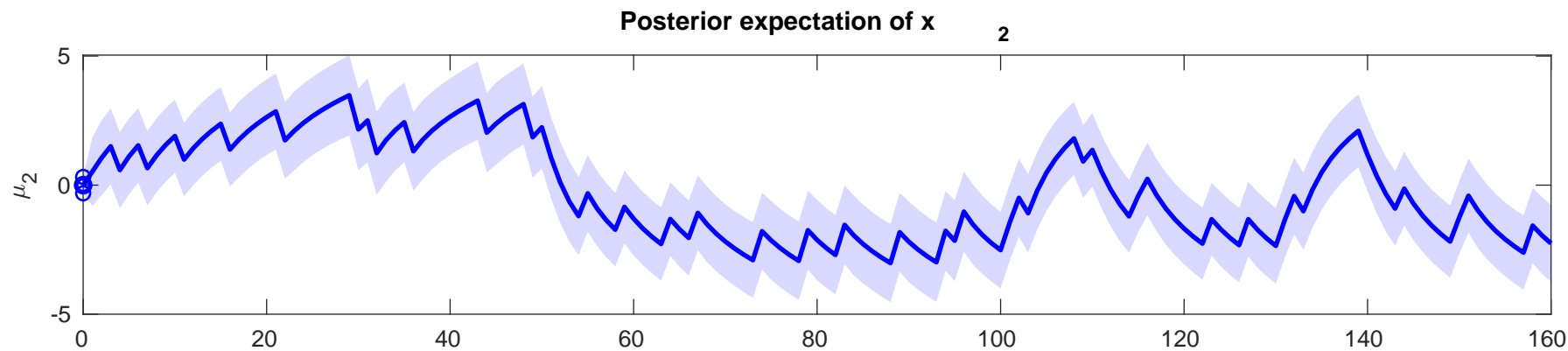
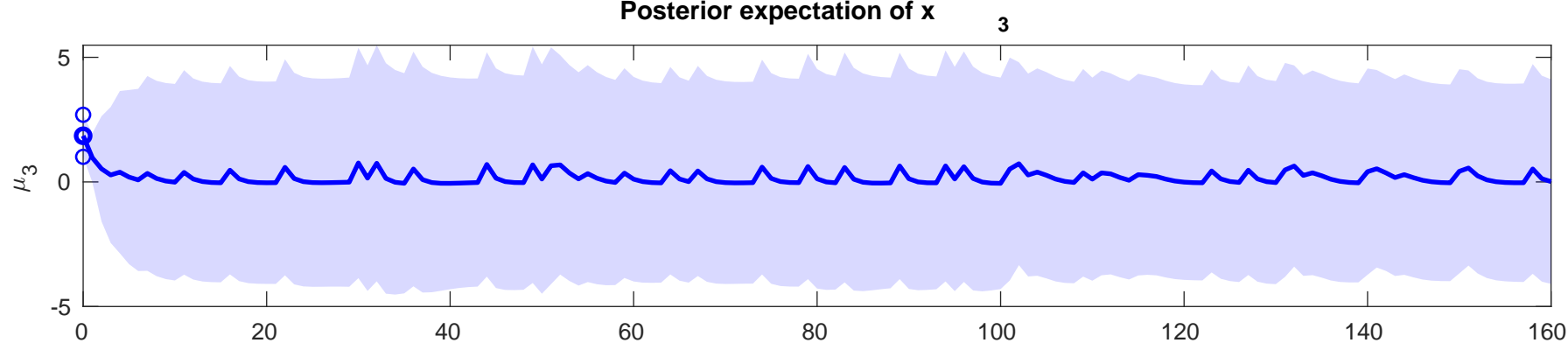
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-8.8406$



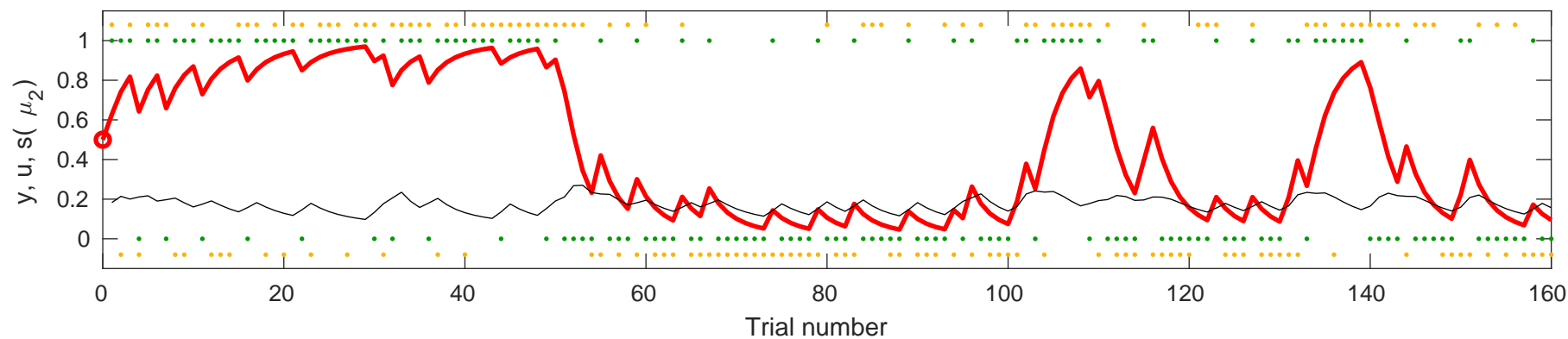


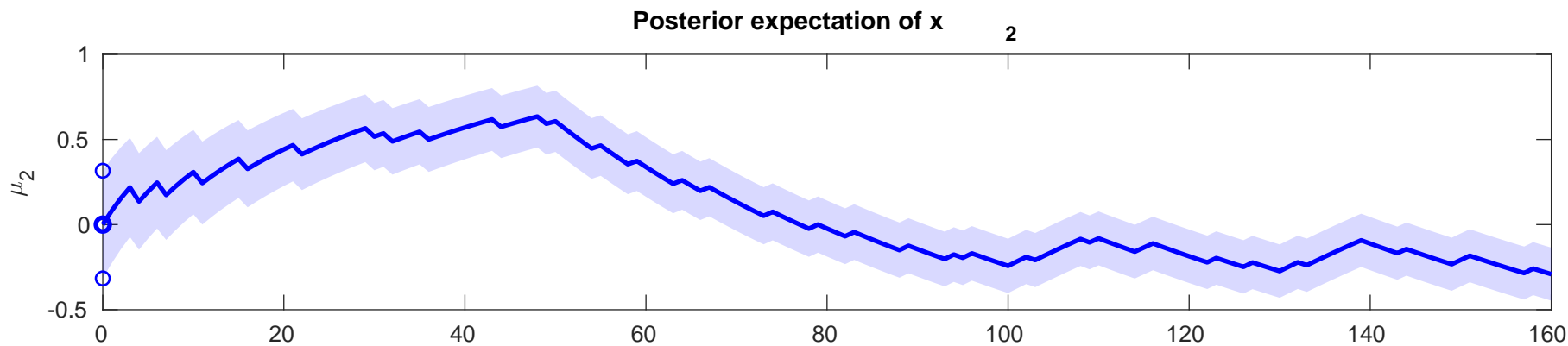
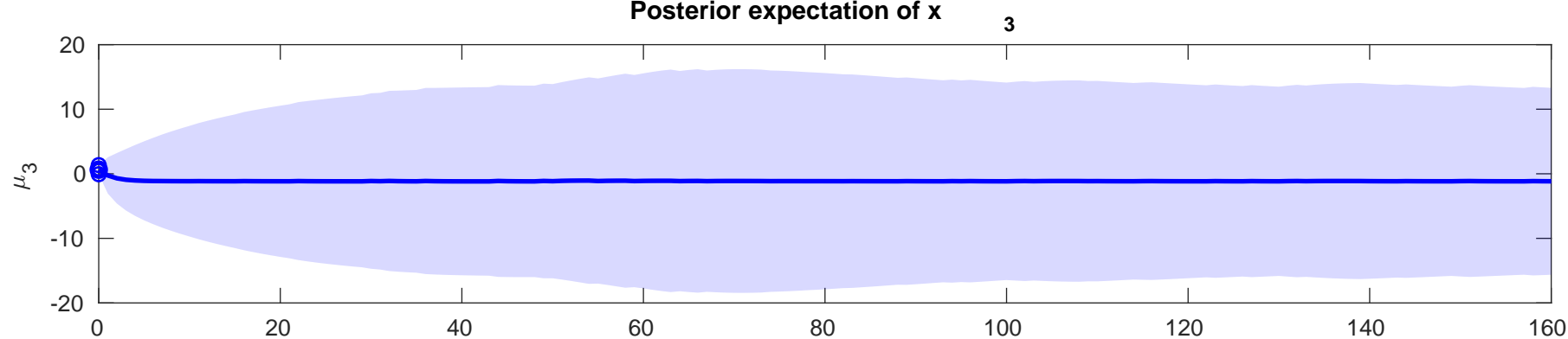
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-4.0849$



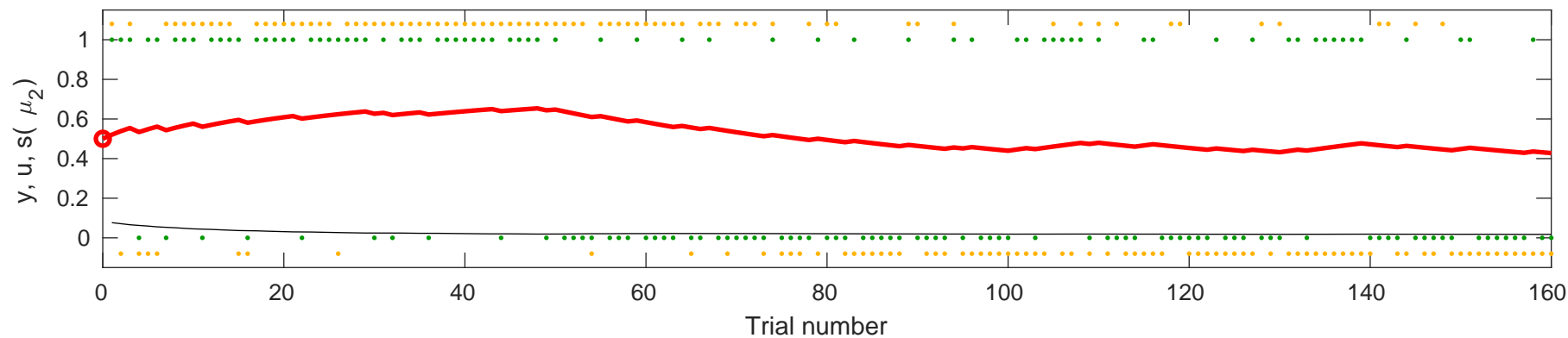


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-1.1689$



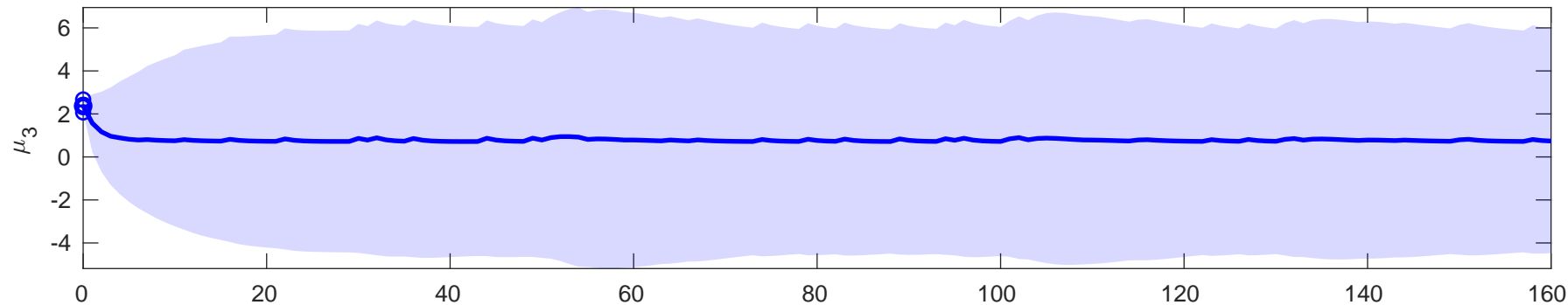


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-6.6044$

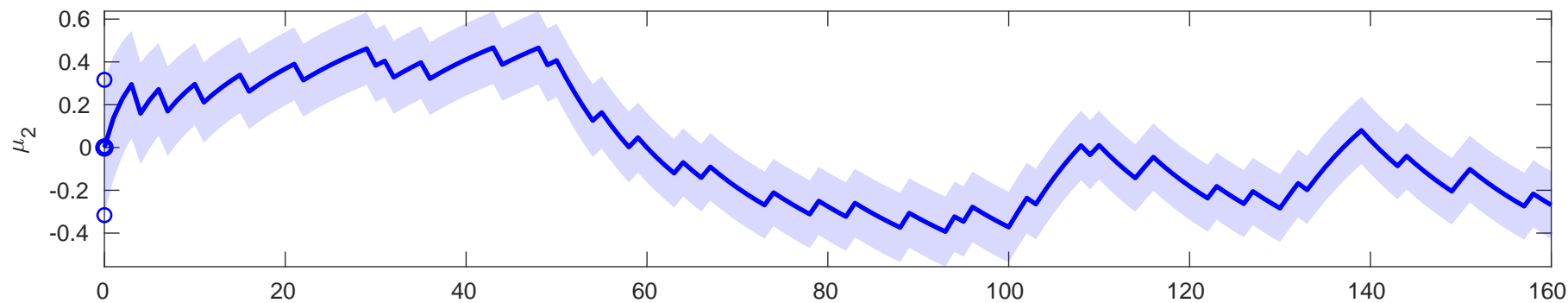


Posterior expectation of  $x$ 

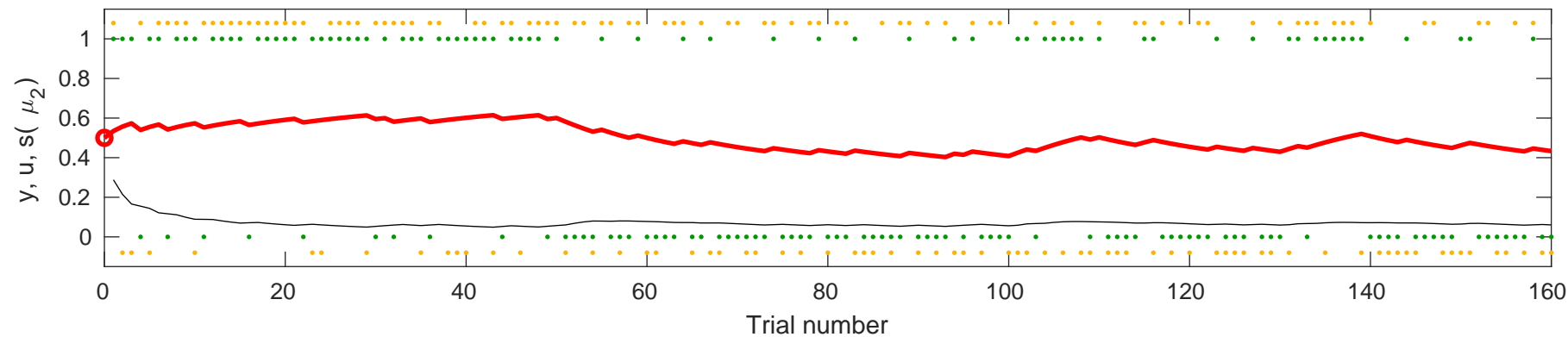
3

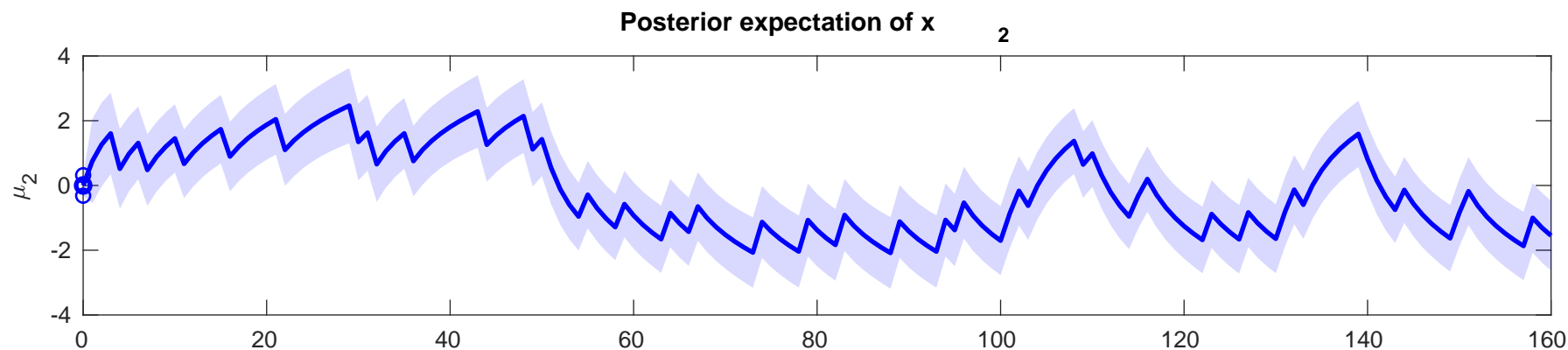
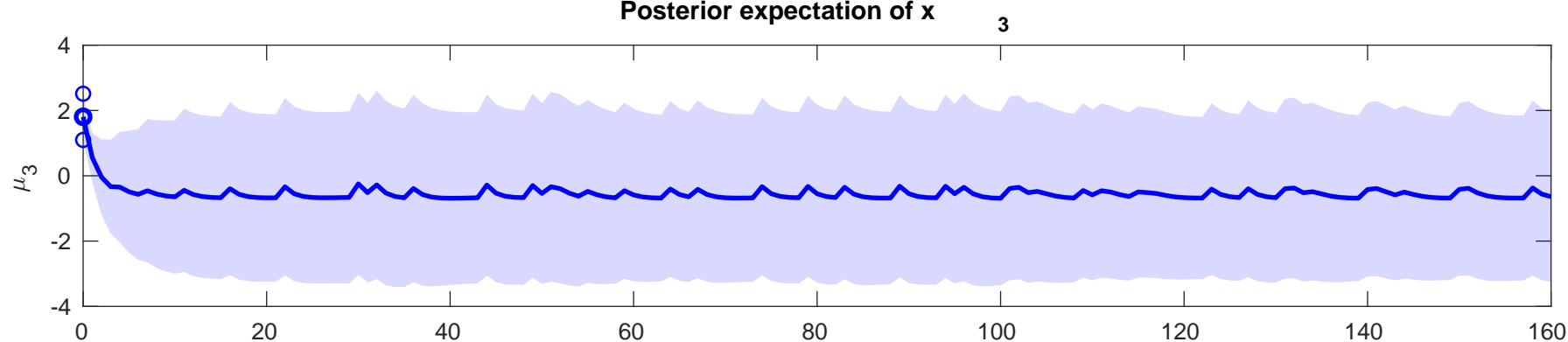
Posterior expectation of  $x$ 

2

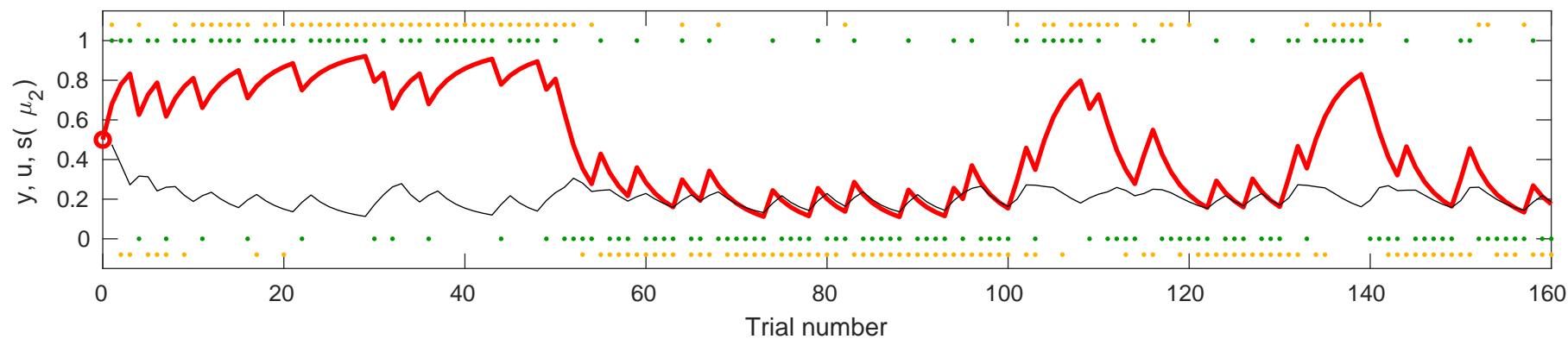


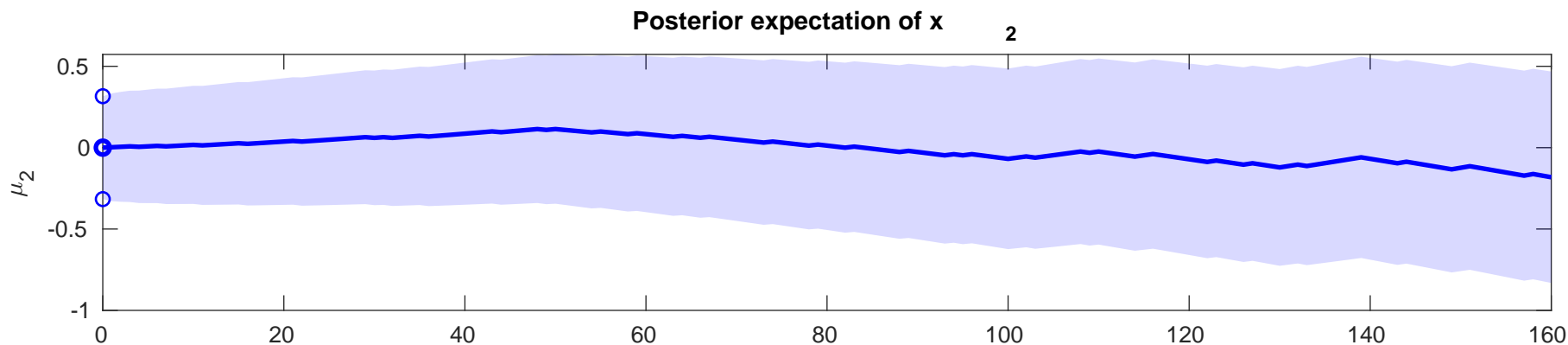
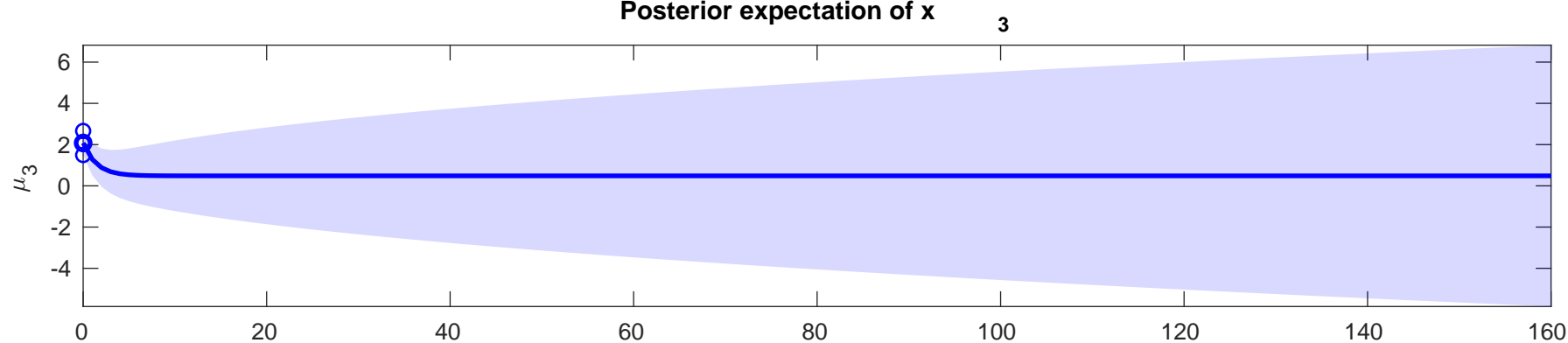
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-7.182$



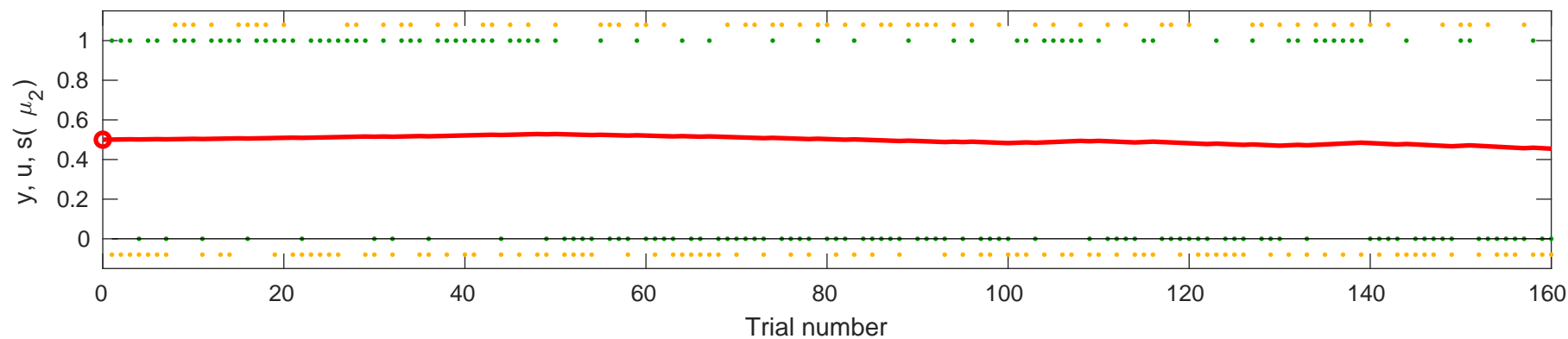


the  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-0.91209$

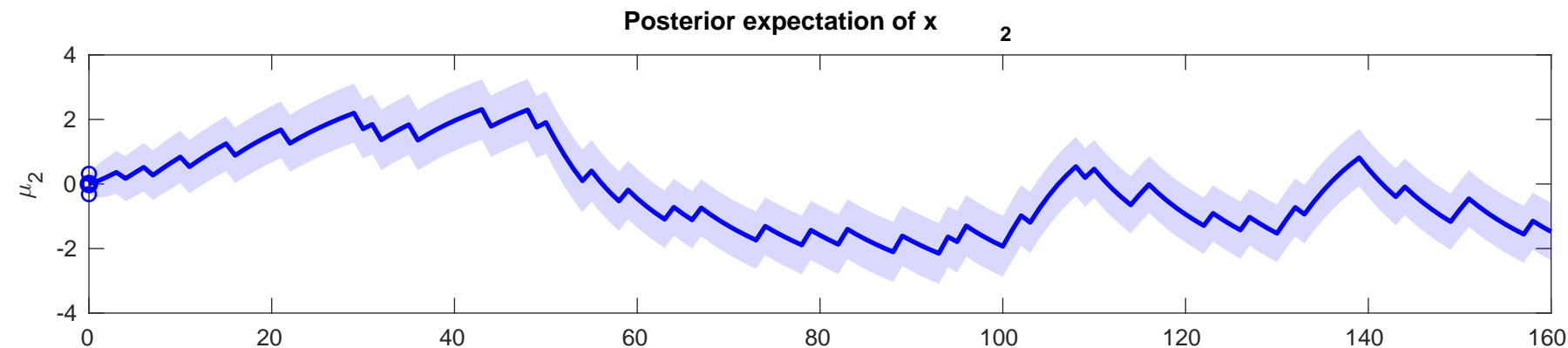
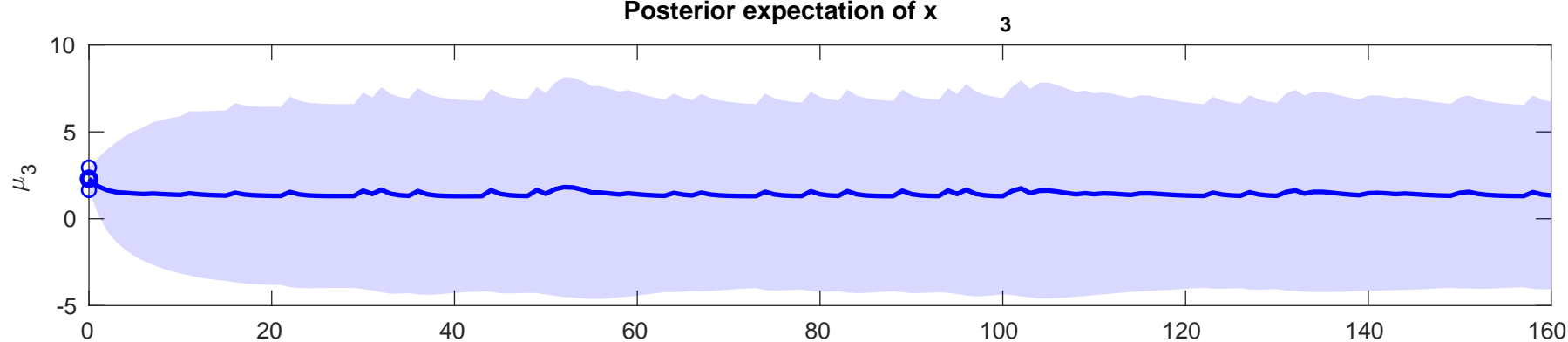




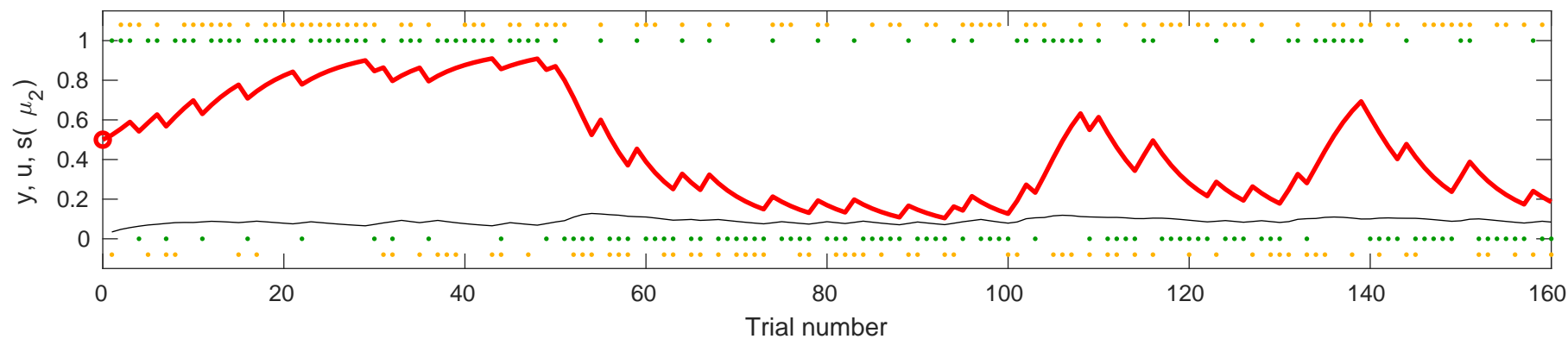
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-6.7072$

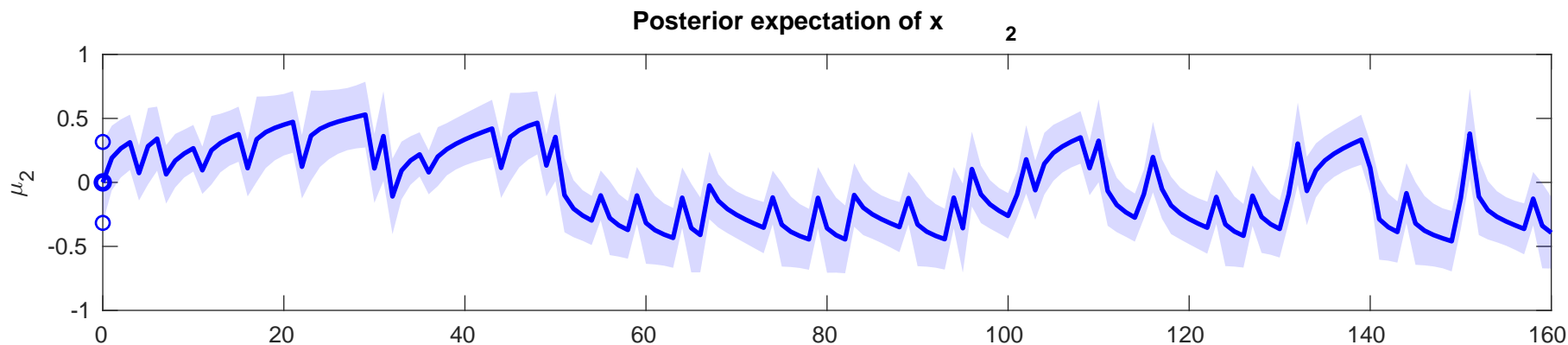
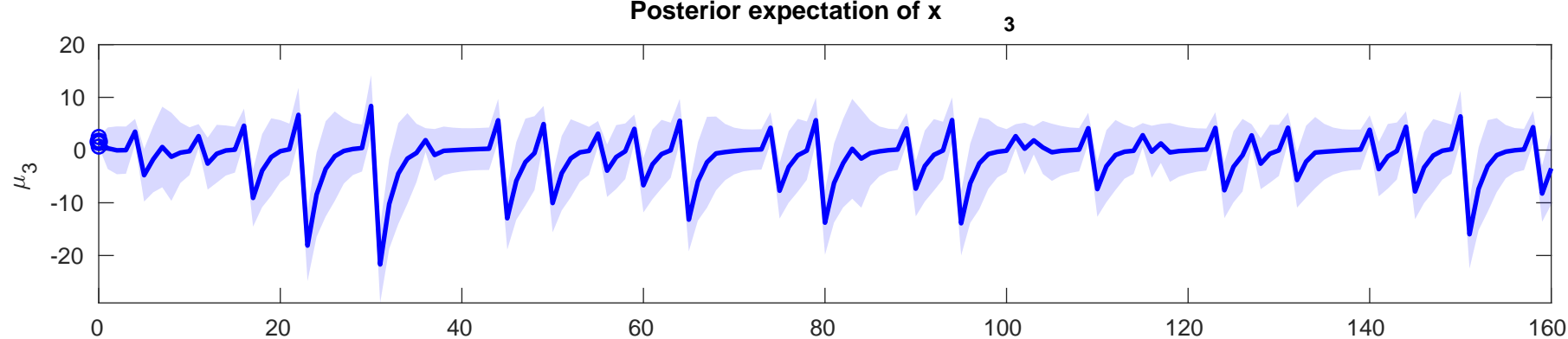




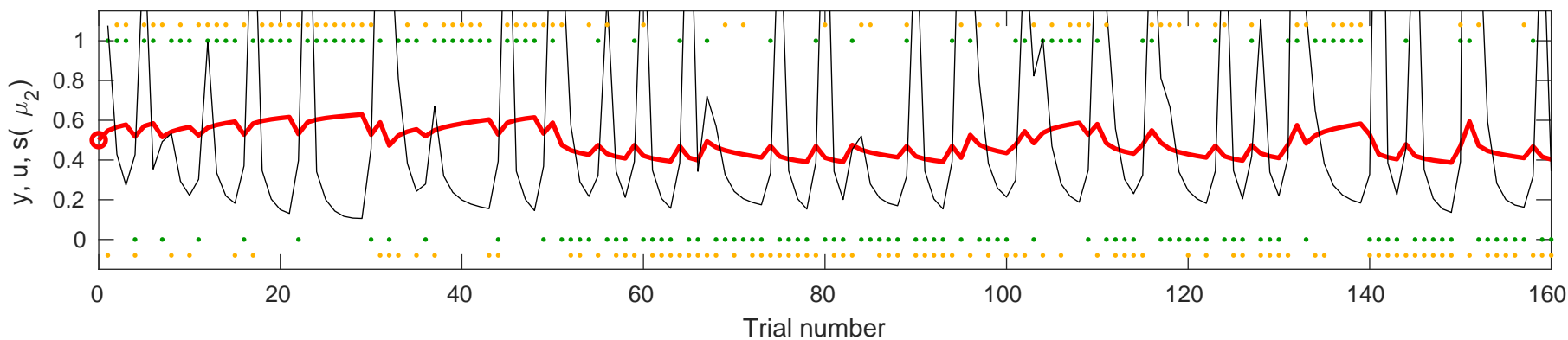


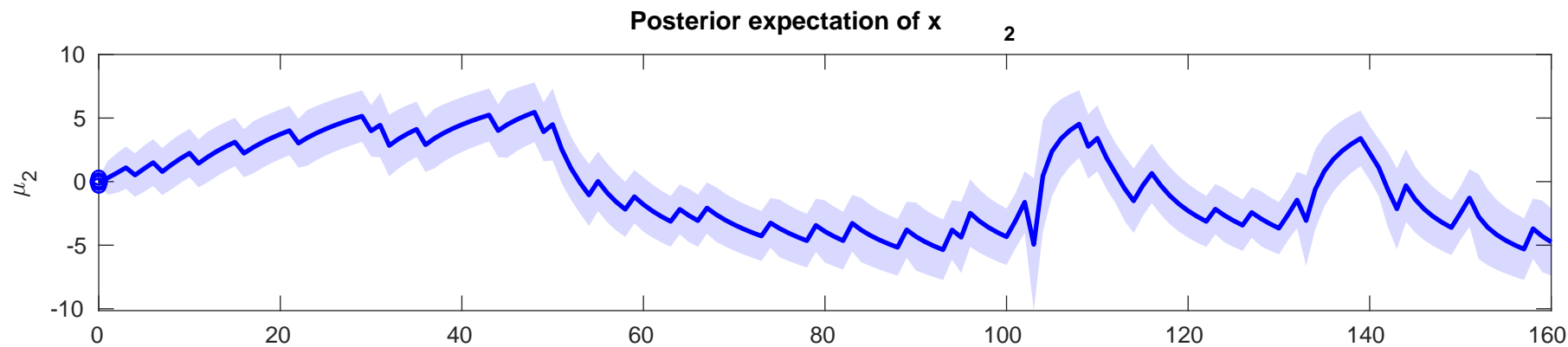
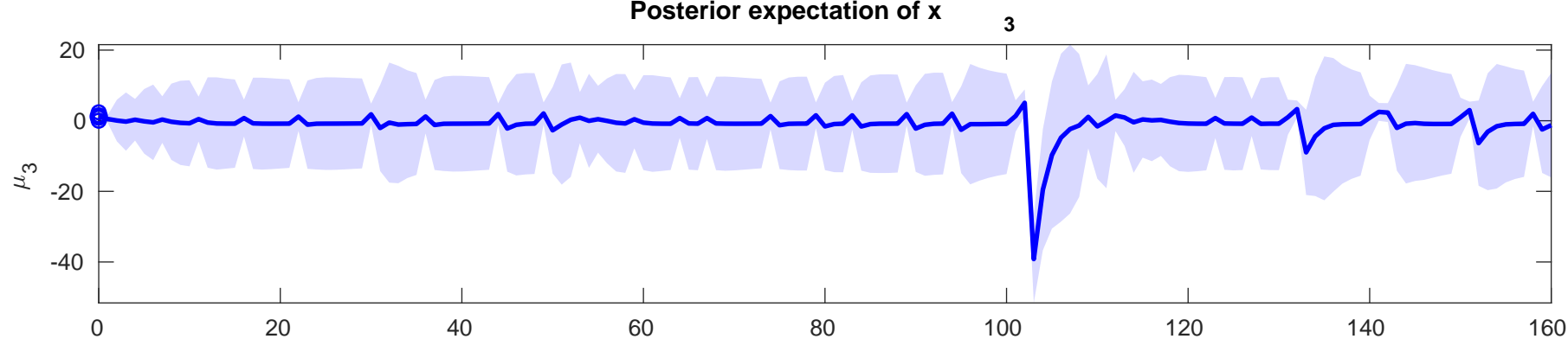
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.0148$



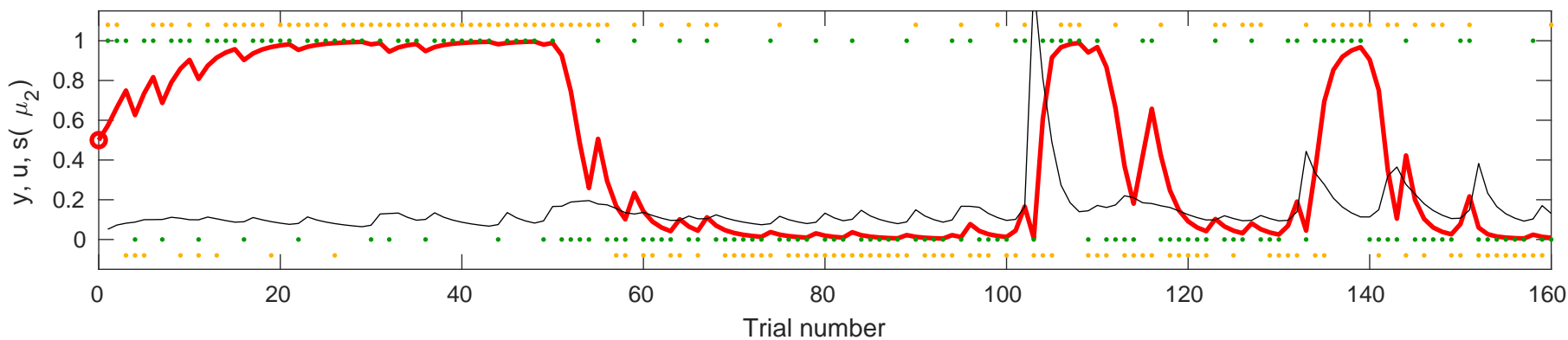


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.5795$



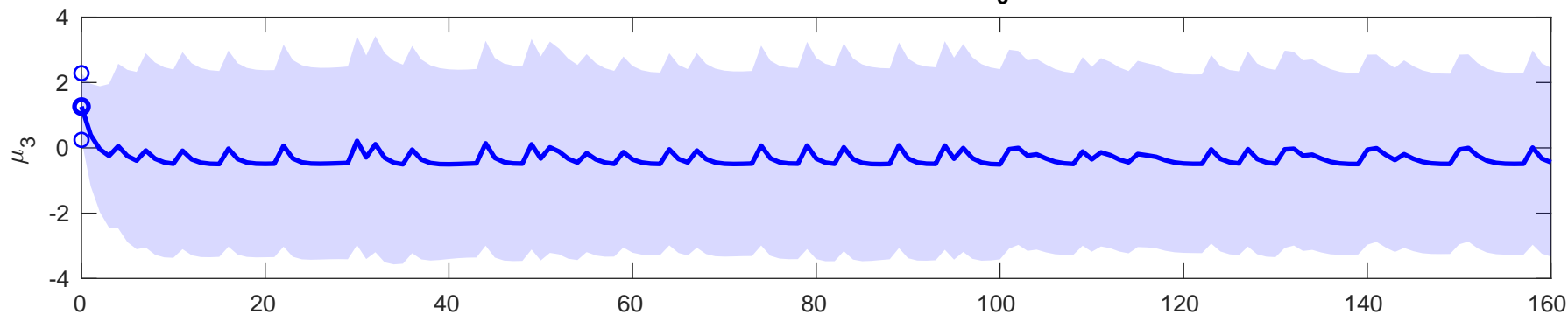


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-0.63232$

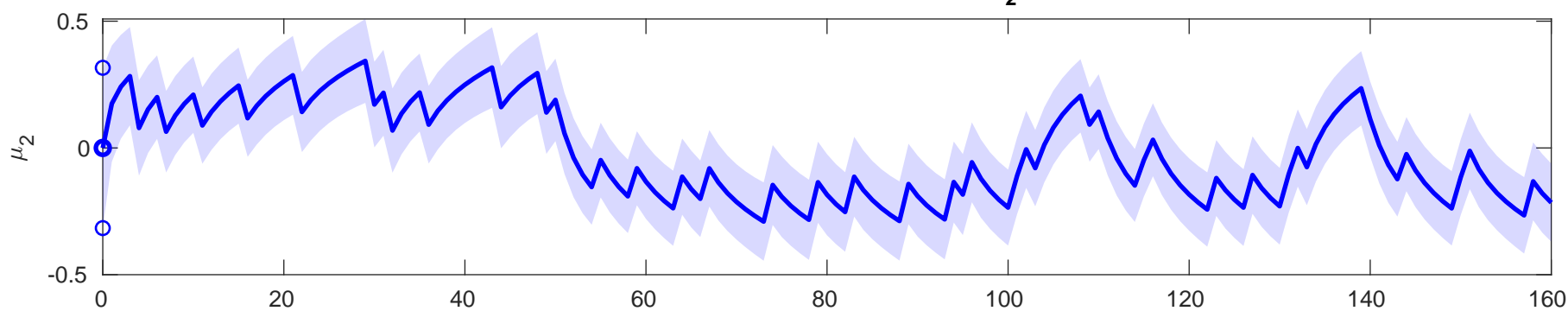


Posterior expectation of  $x$ 

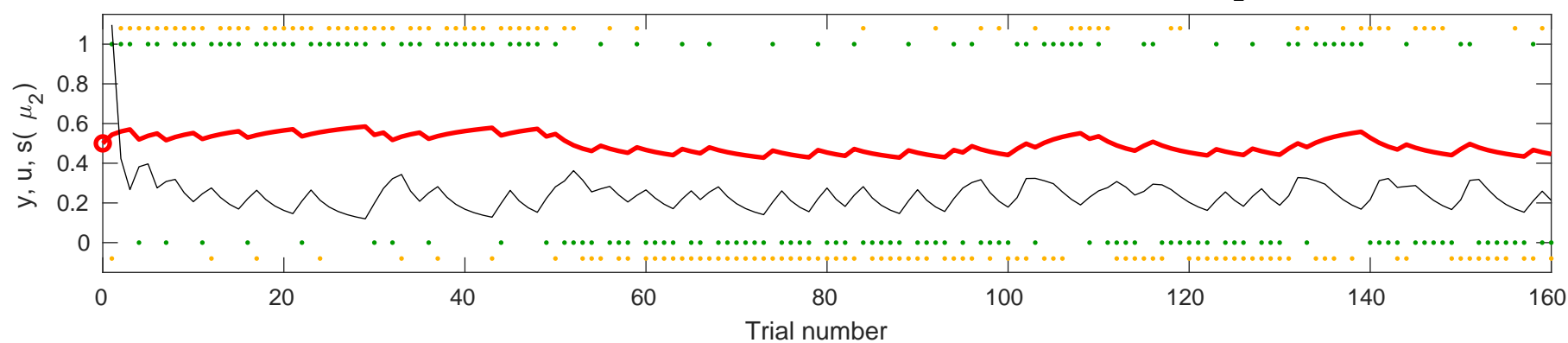
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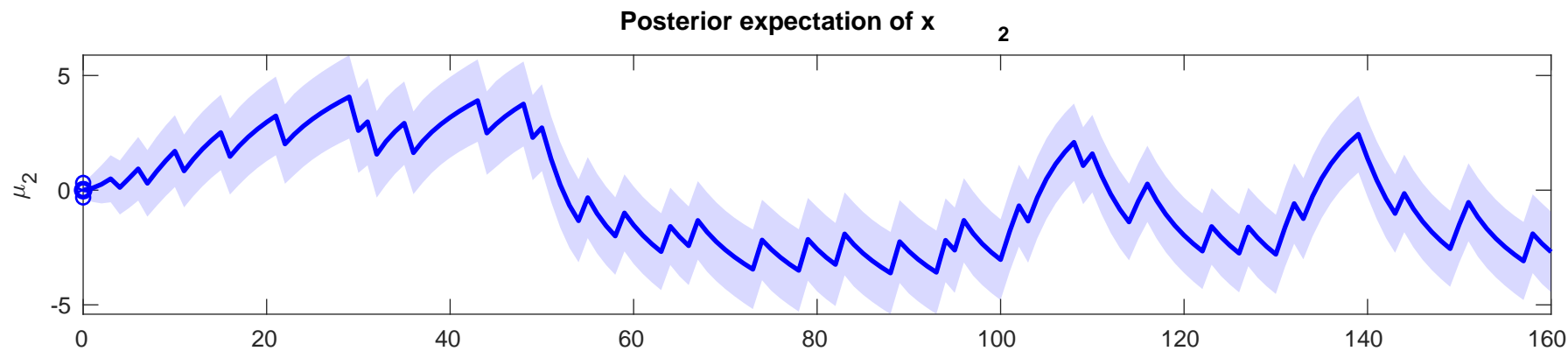
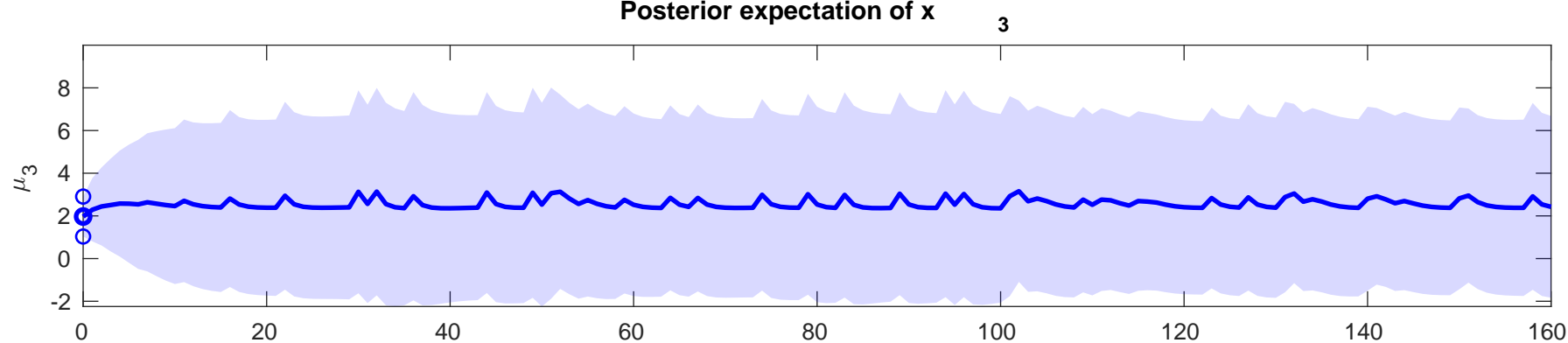
Posterior expectation of  $x$ 

2

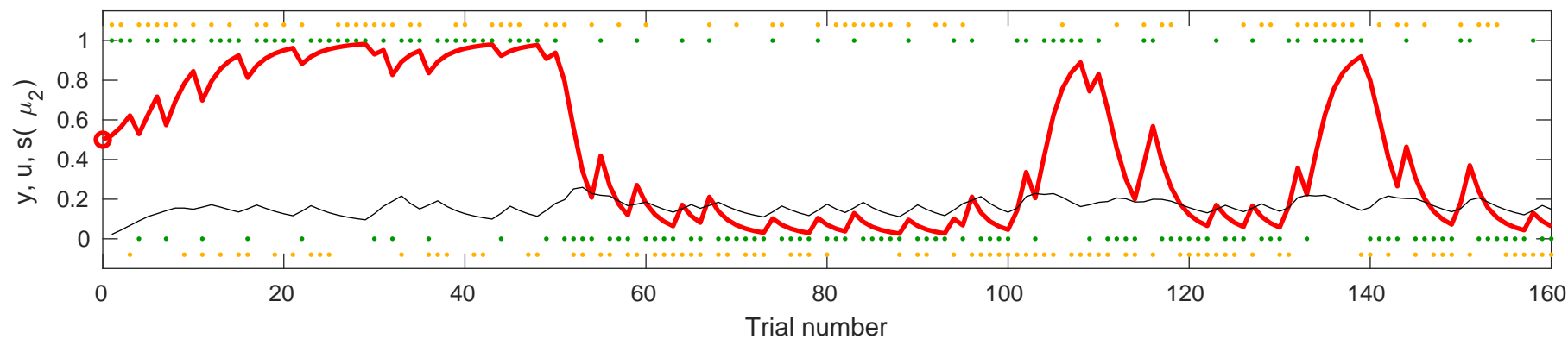


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-4.9329$



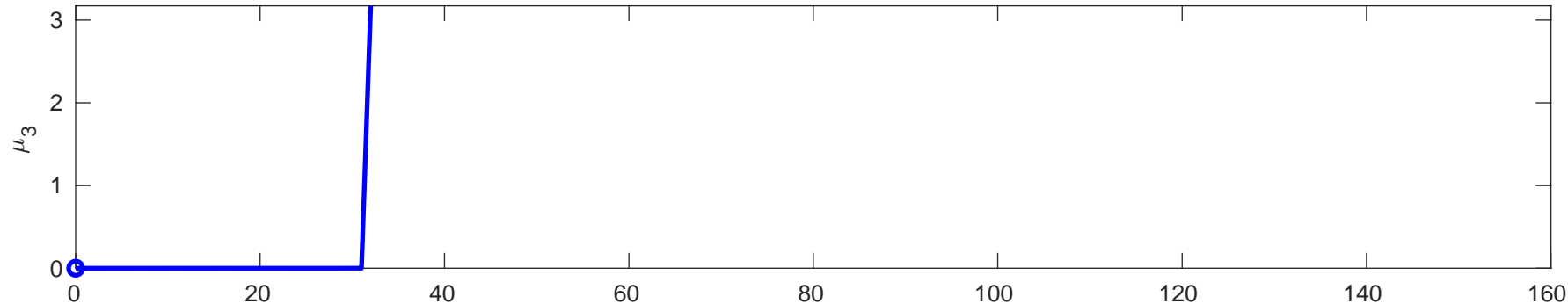


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.2903$



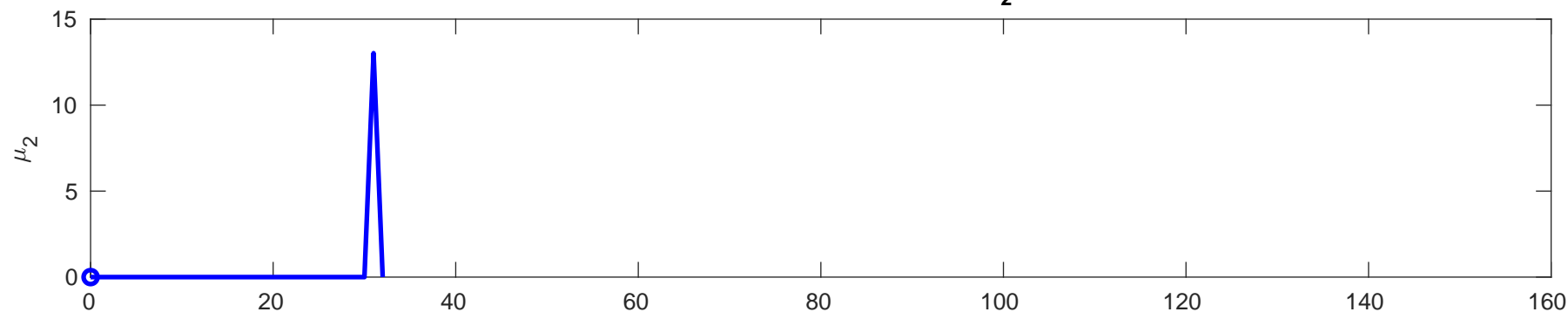
Posterior expectation of  $x$

3

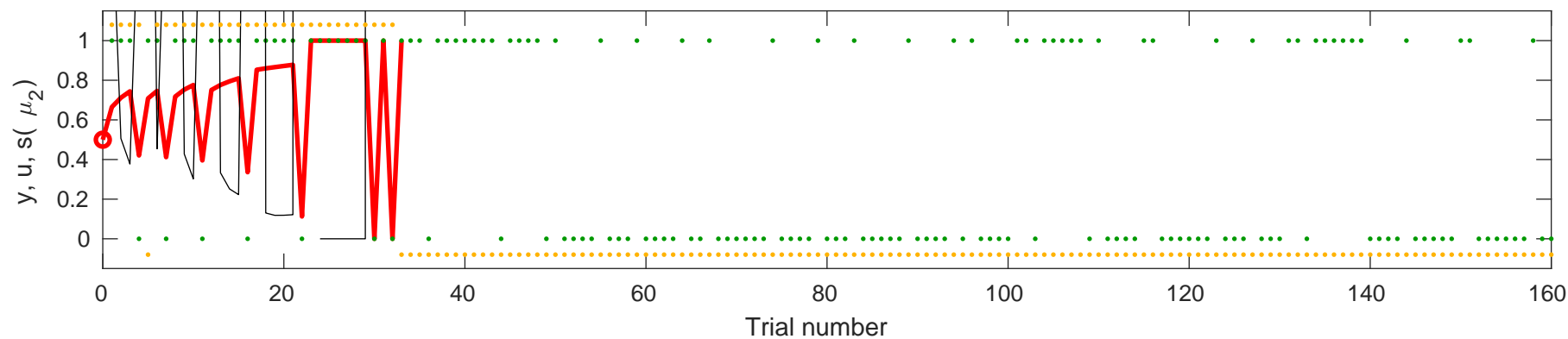


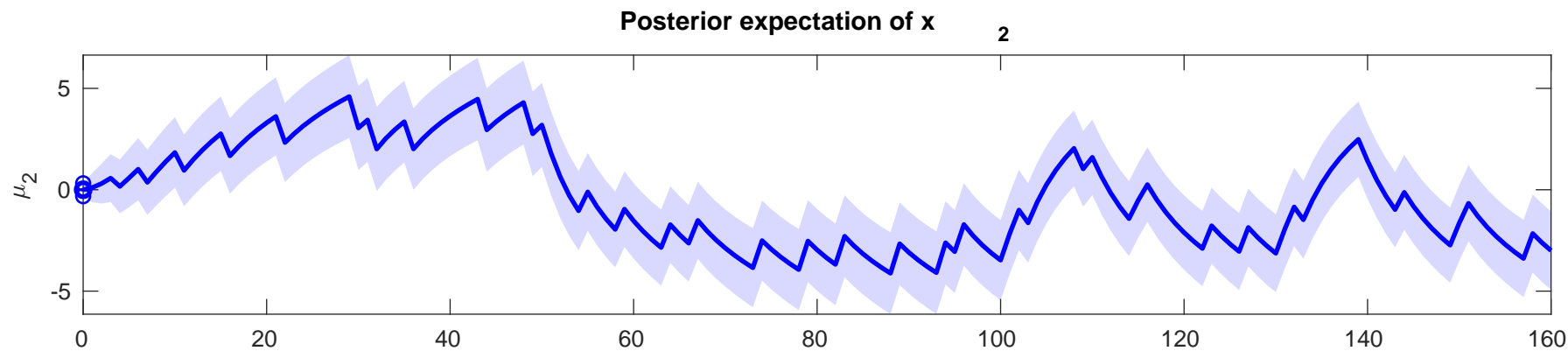
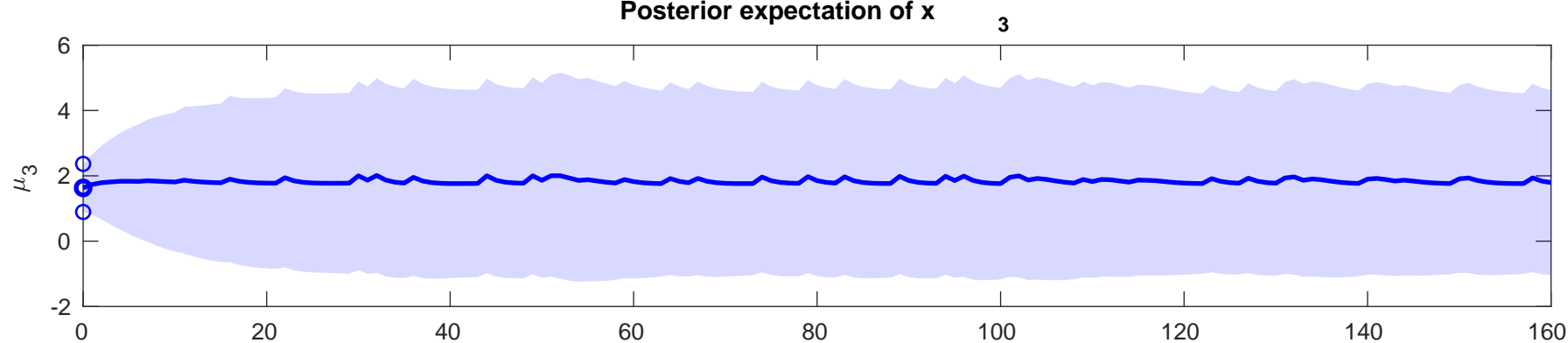
Posterior expectation of  $x$

2

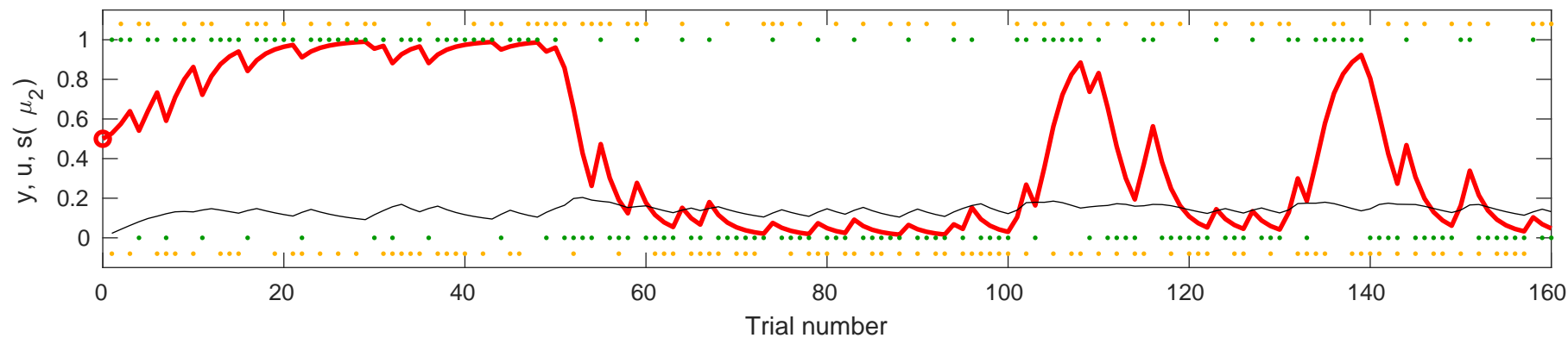


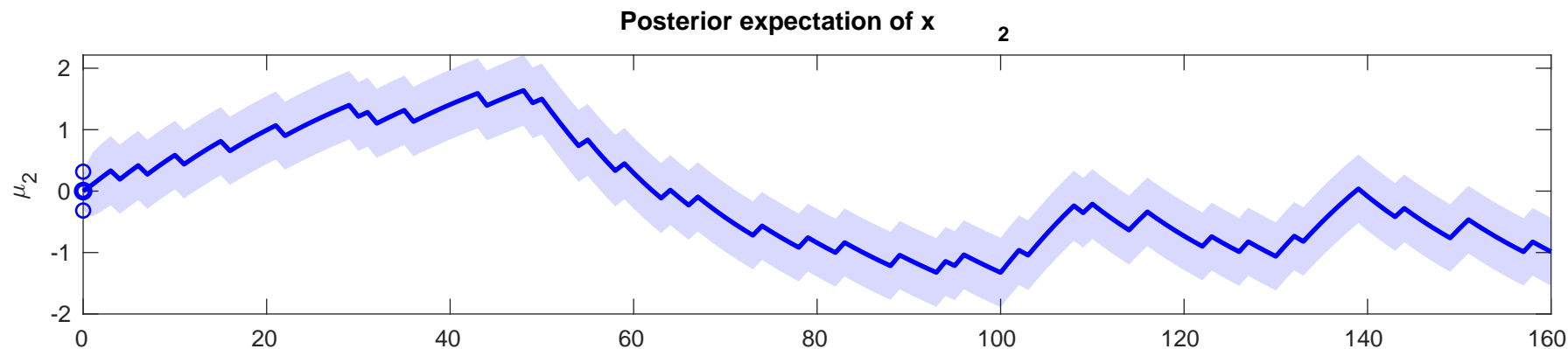
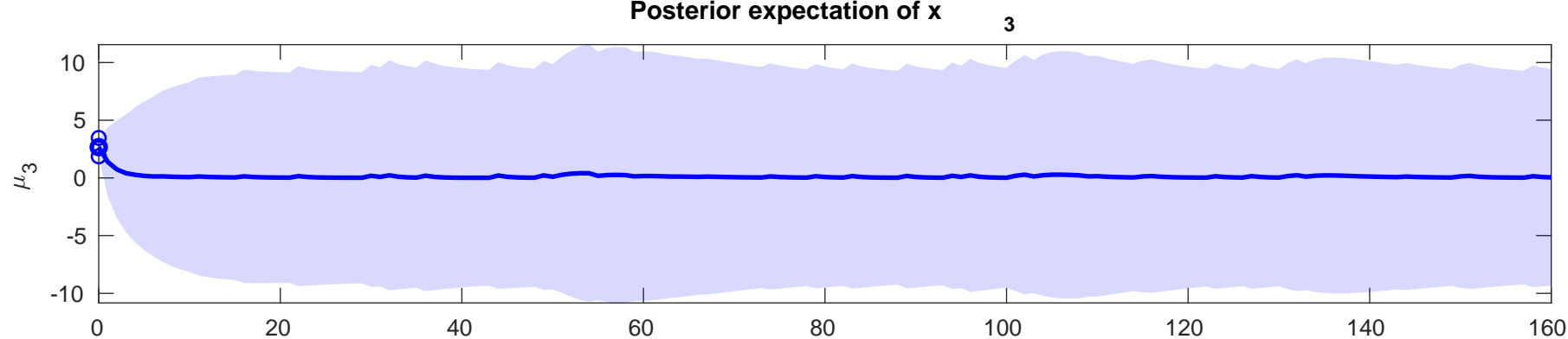
Output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-0.86394$



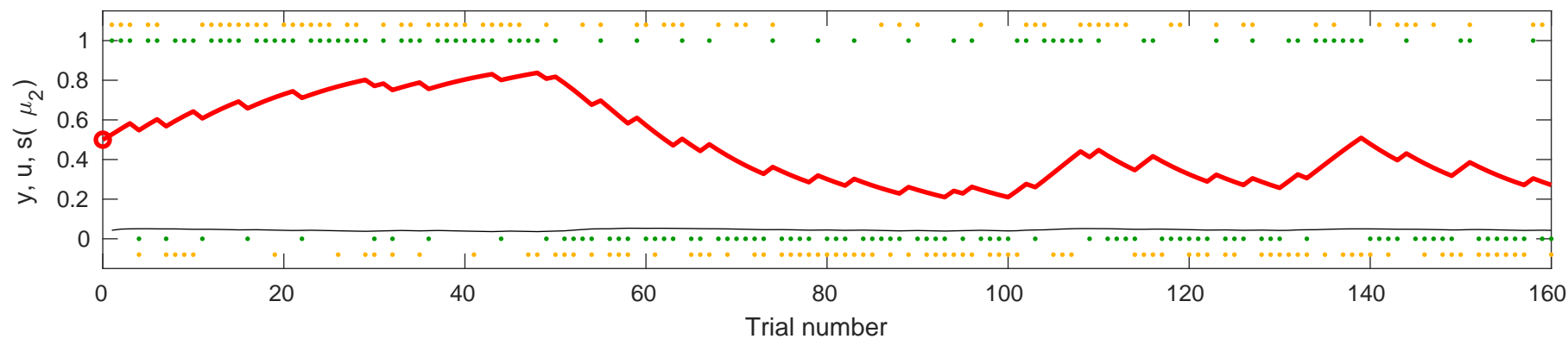


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.4625$

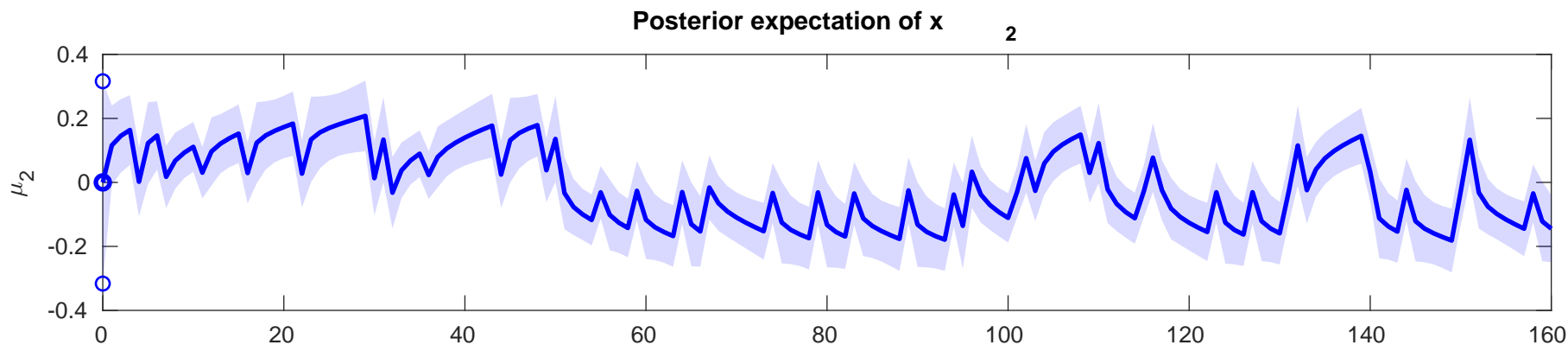
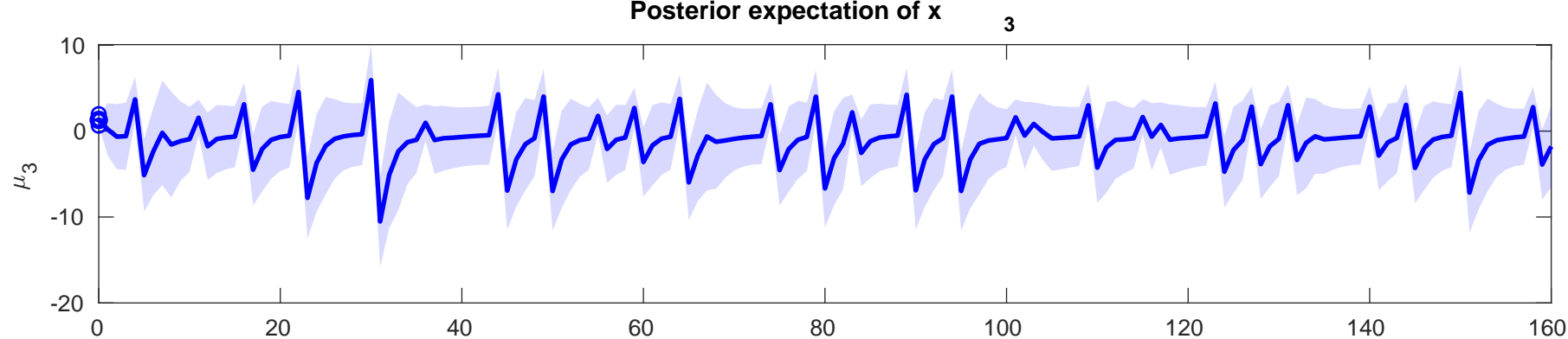




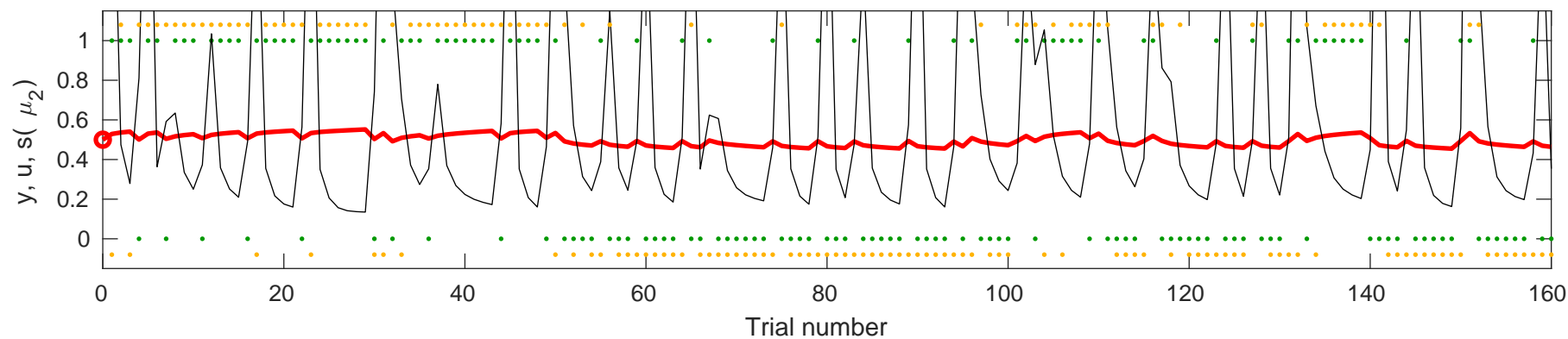
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.3753$

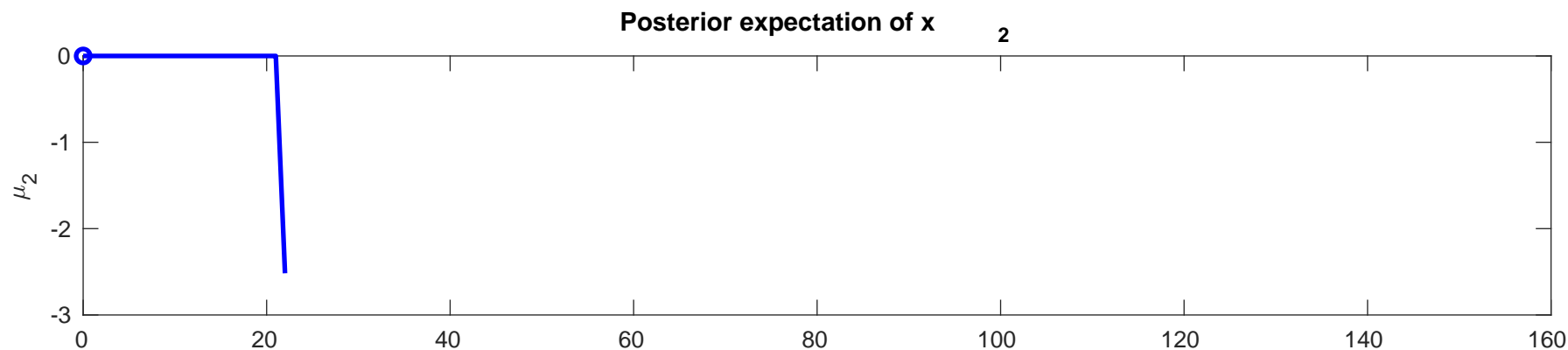
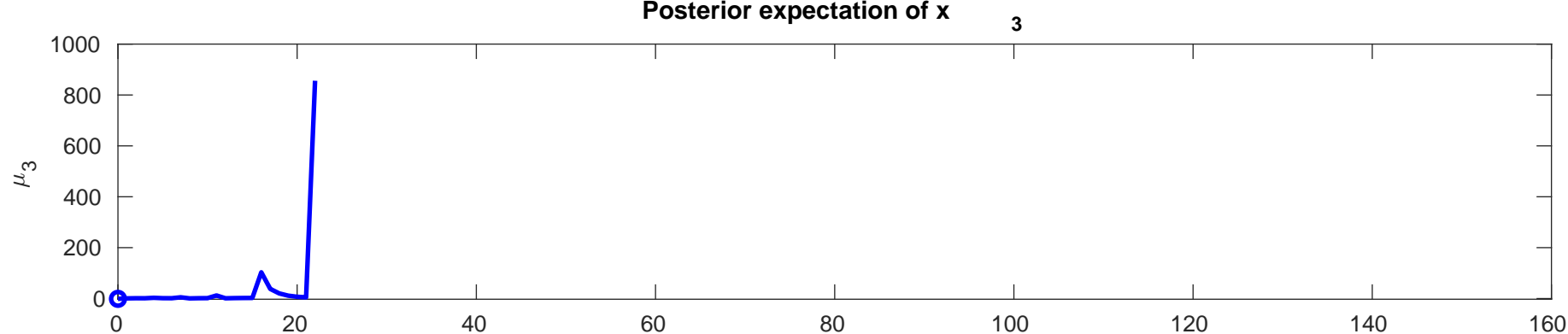




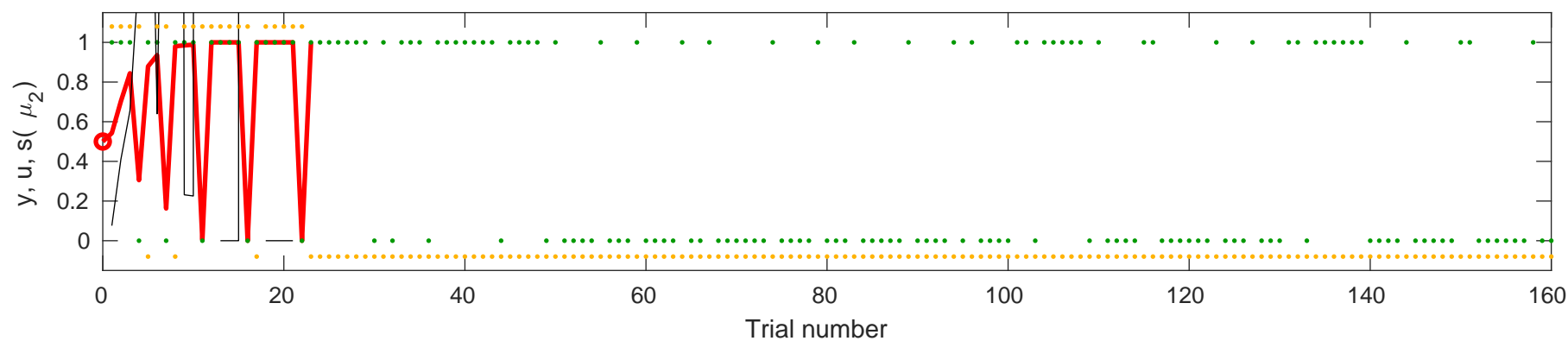


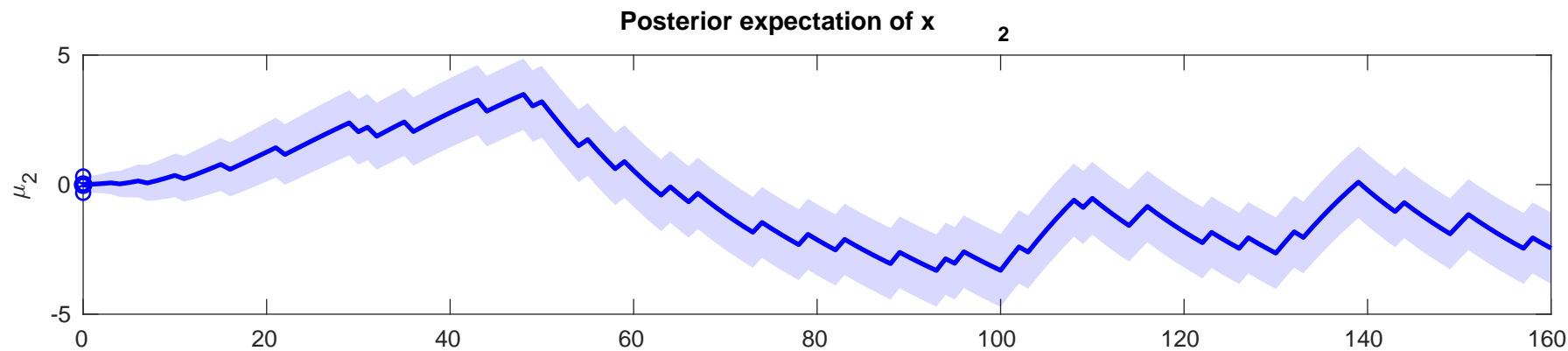
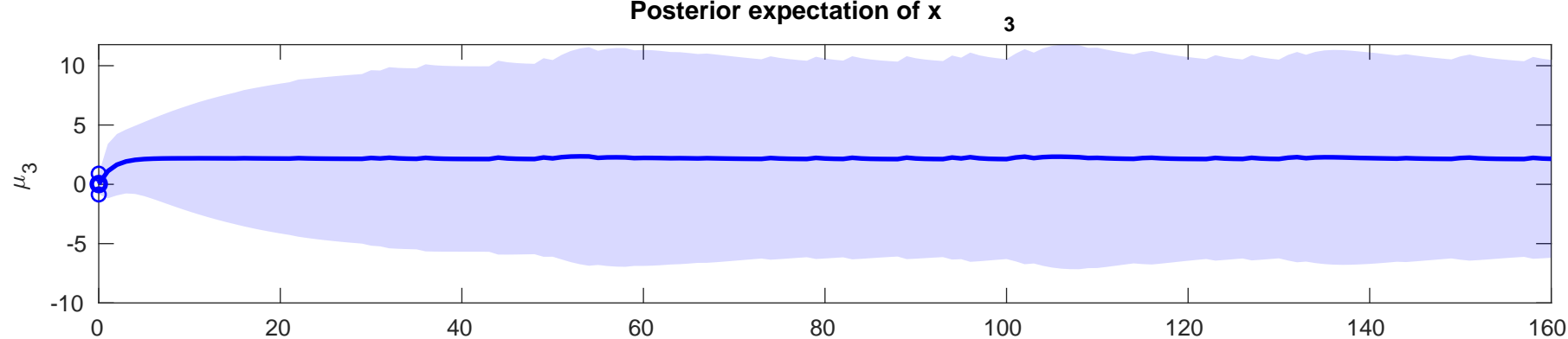
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.3536$



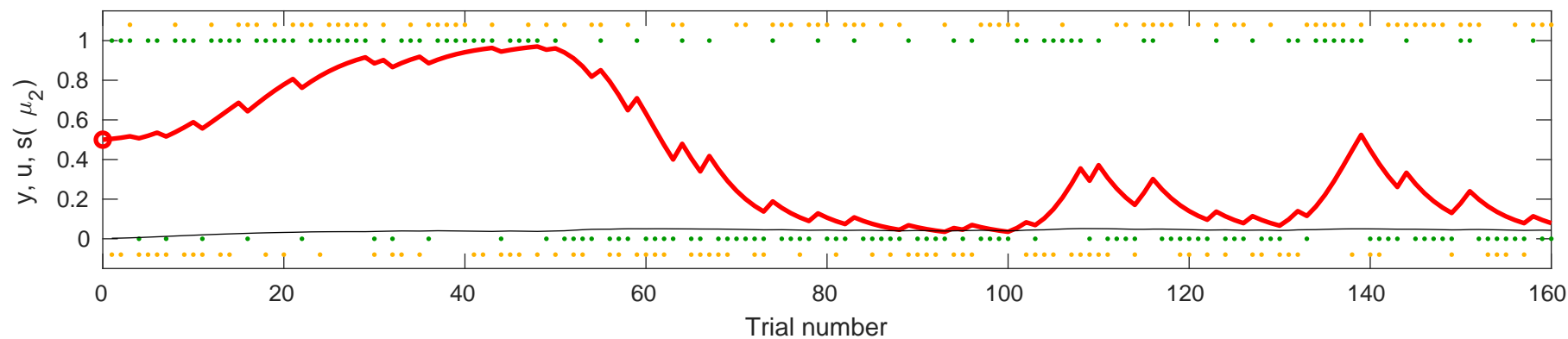


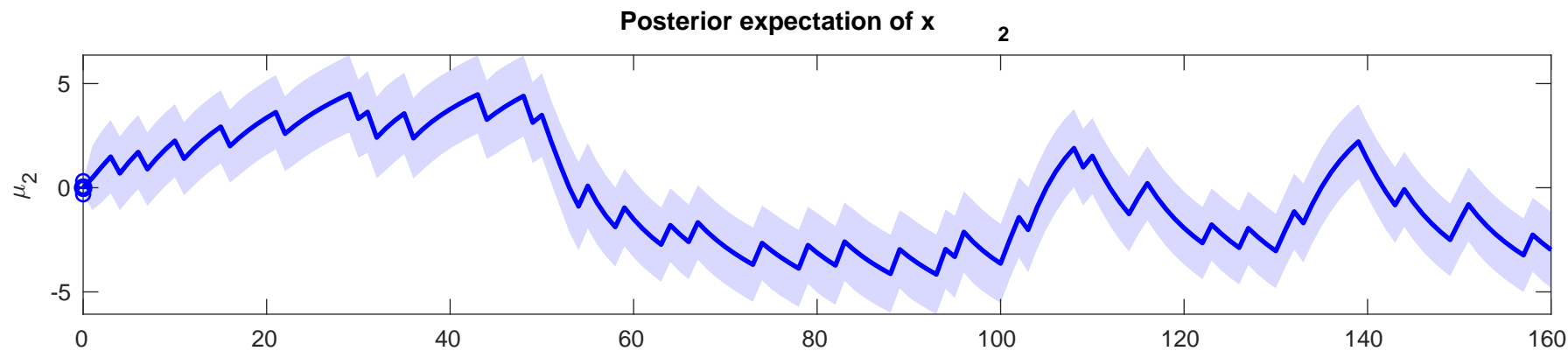
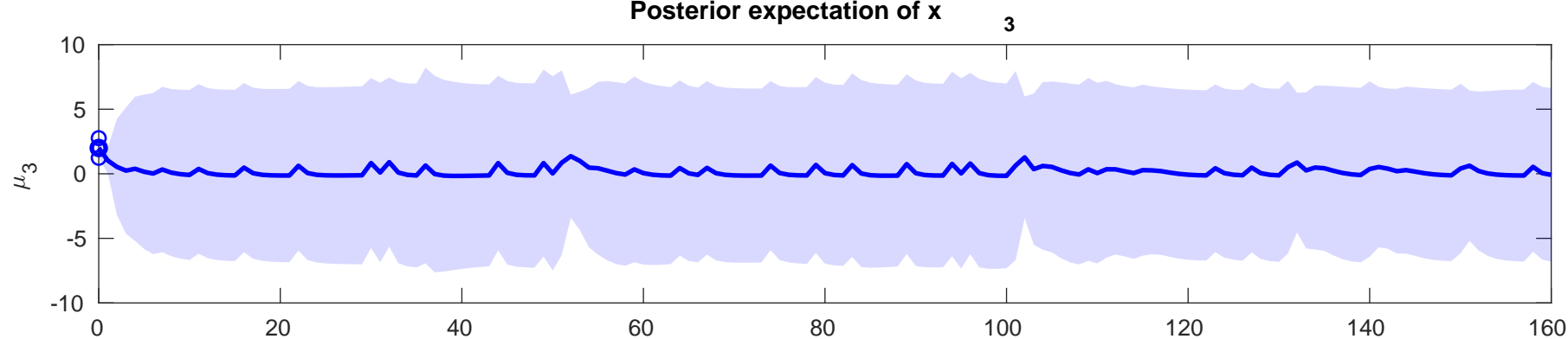
Plot of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=0.1332$



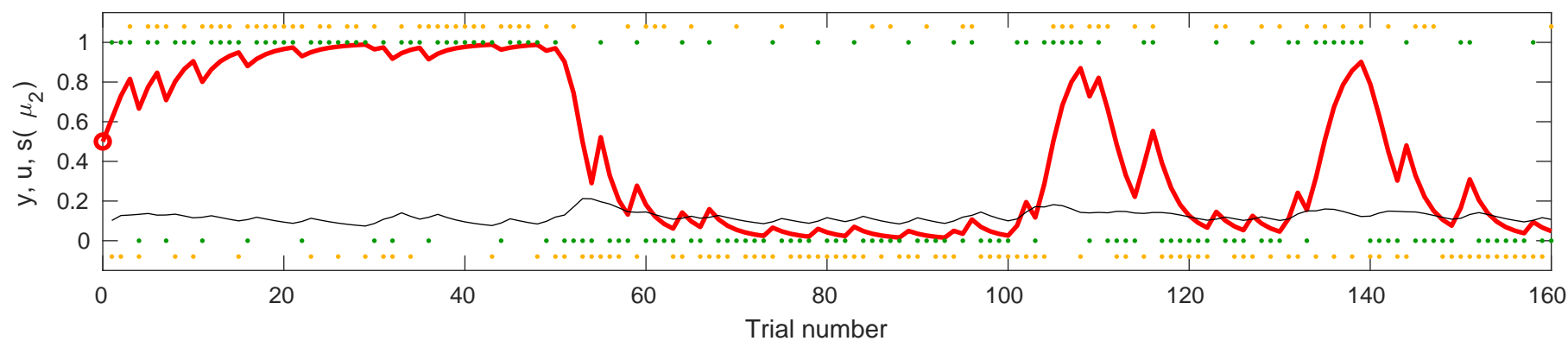


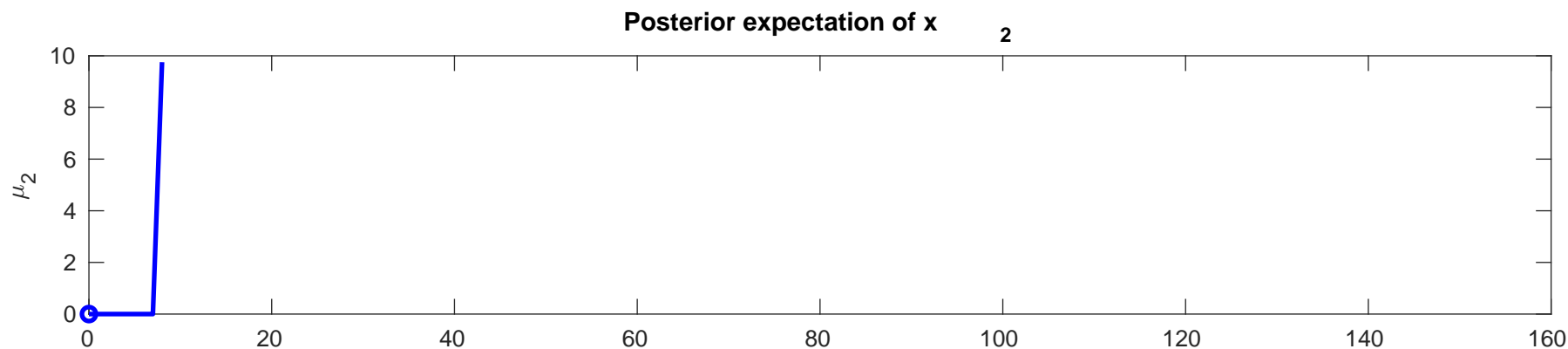
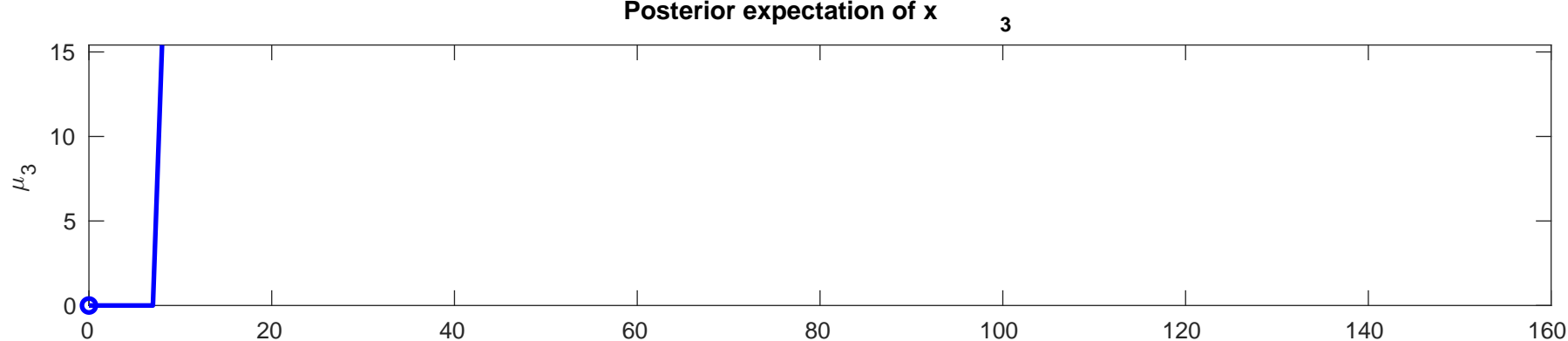
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.6348$



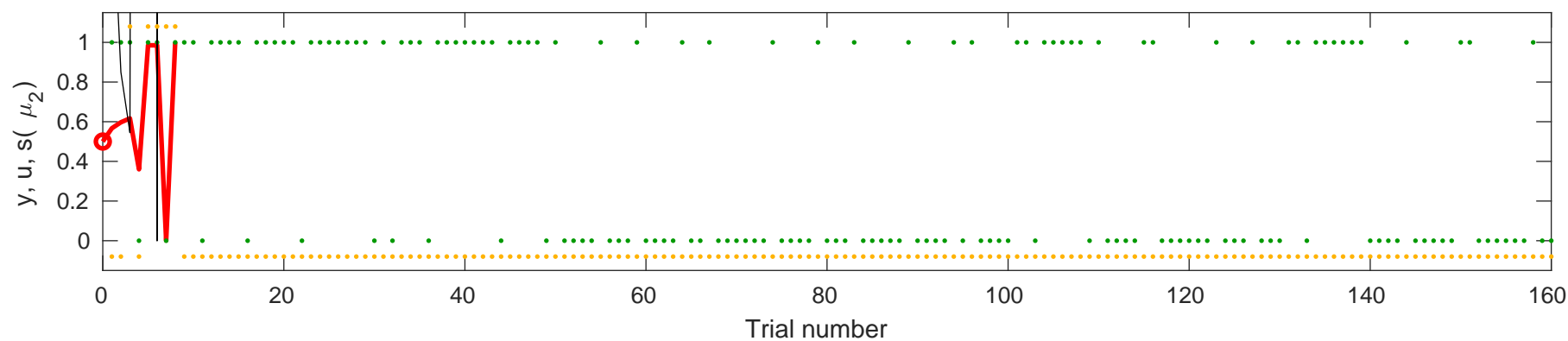


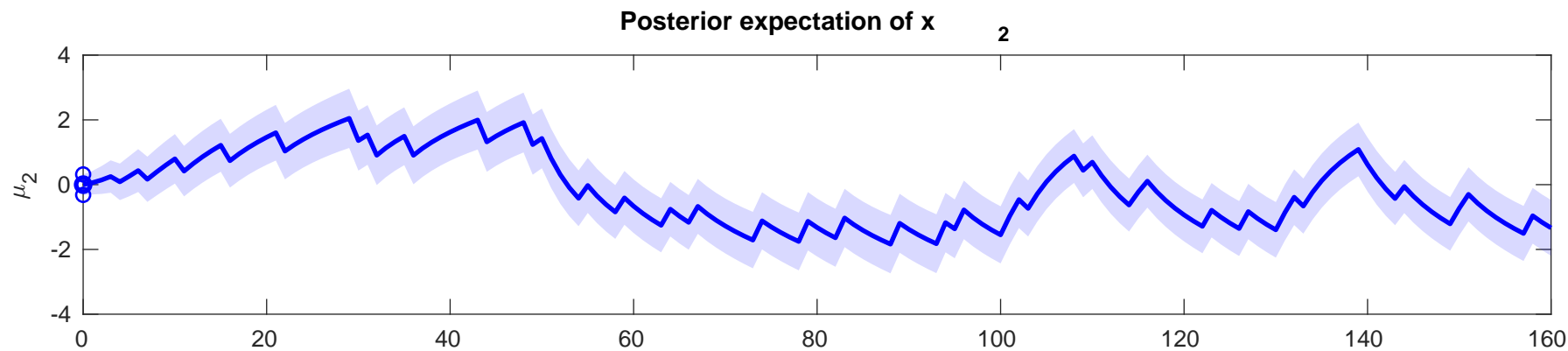
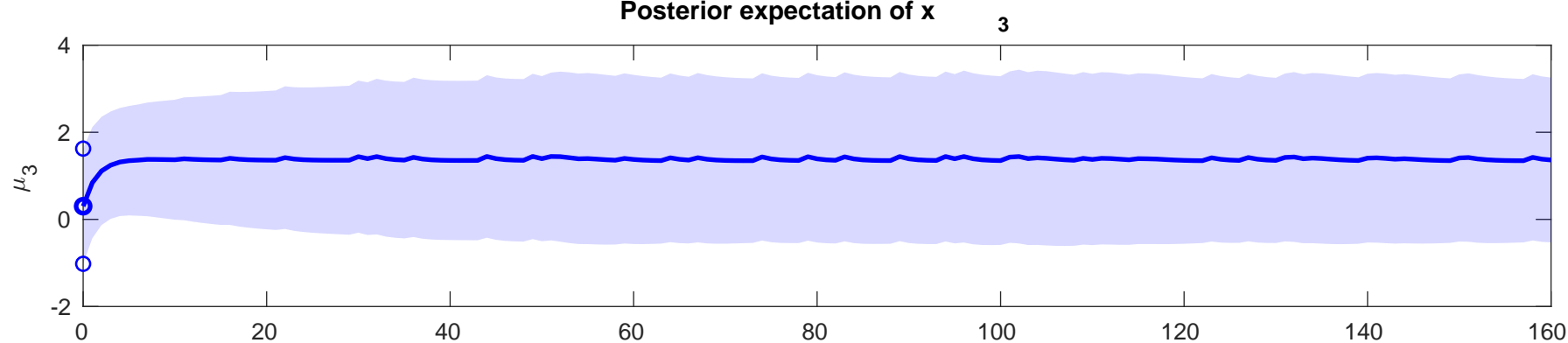
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.0825$



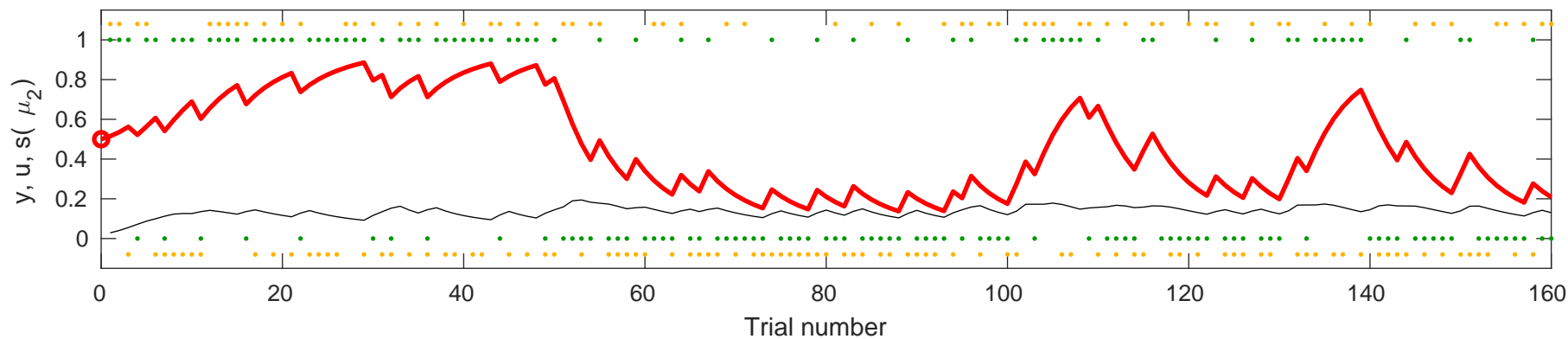


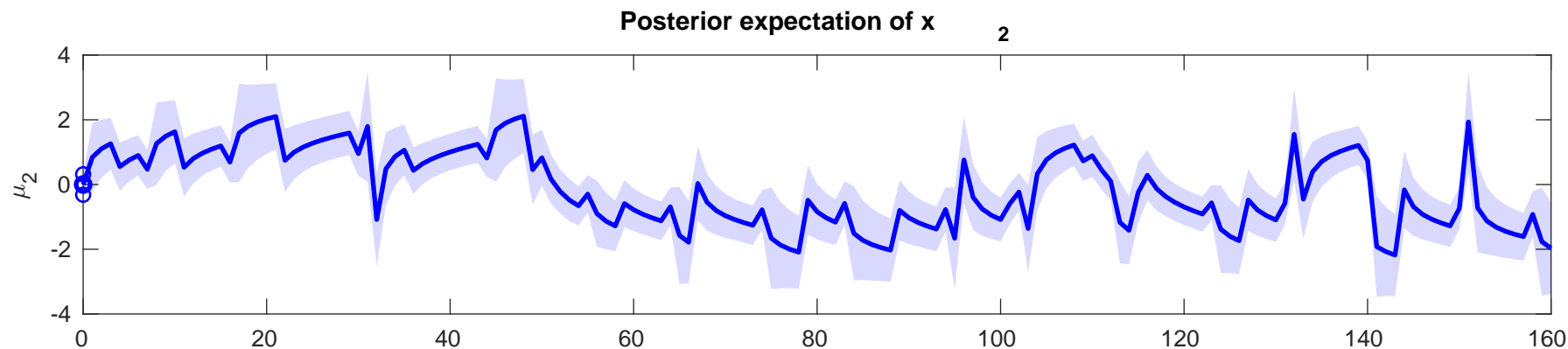
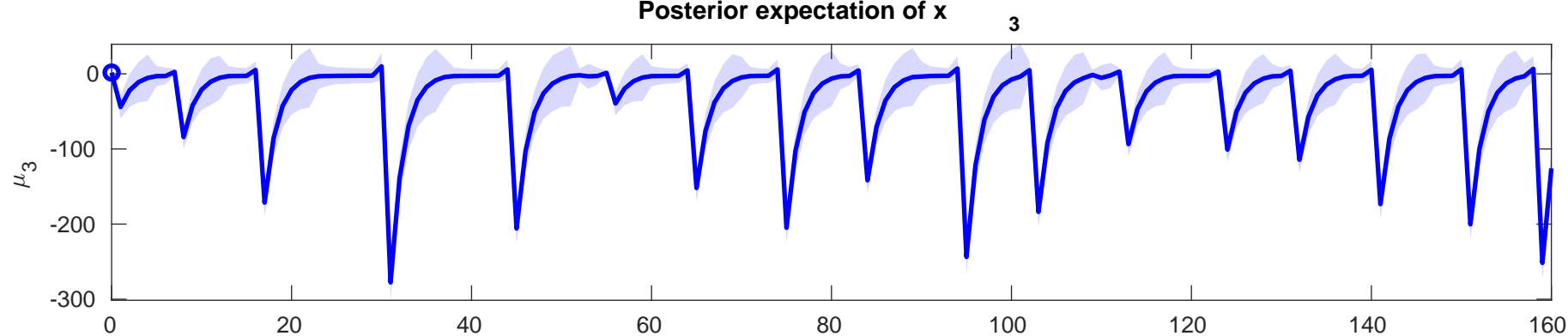
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.6735$



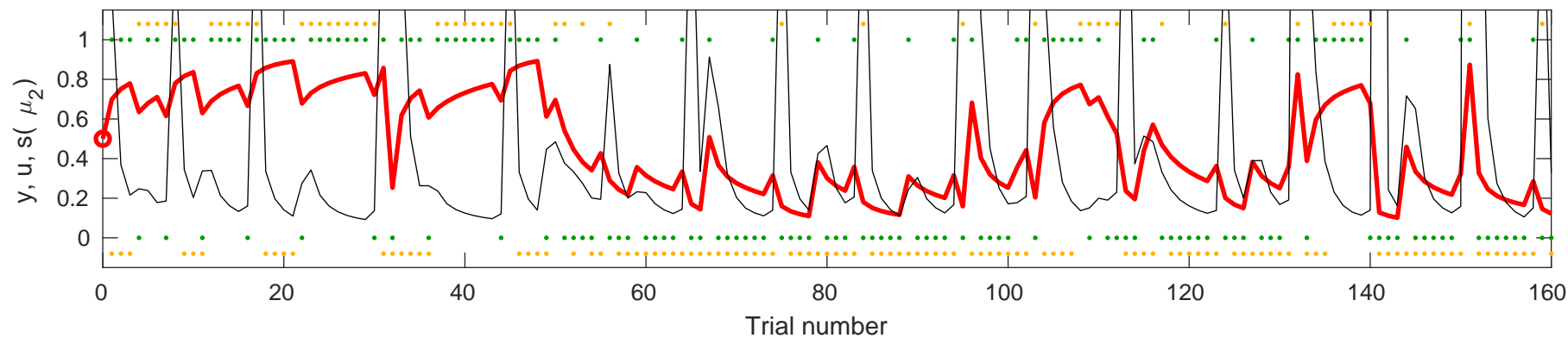


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.6437$



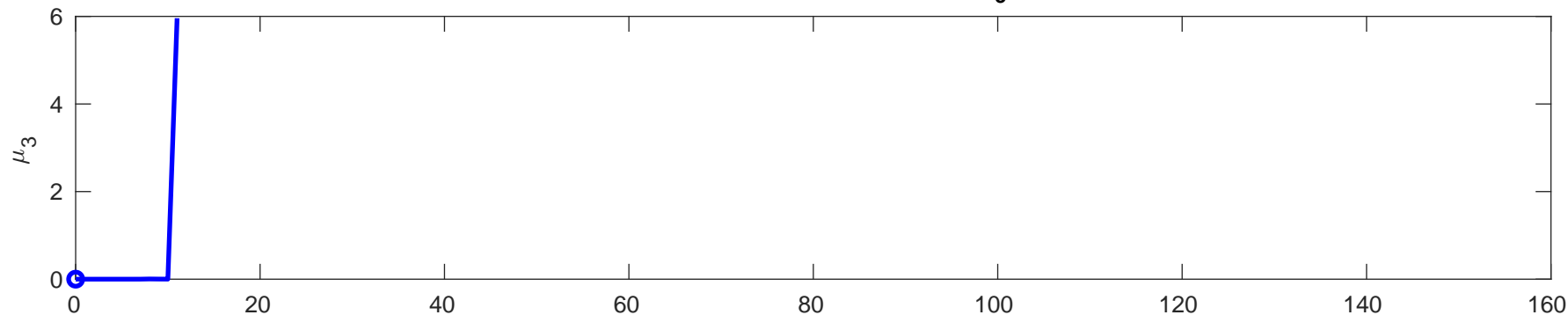


the  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-0.59855$



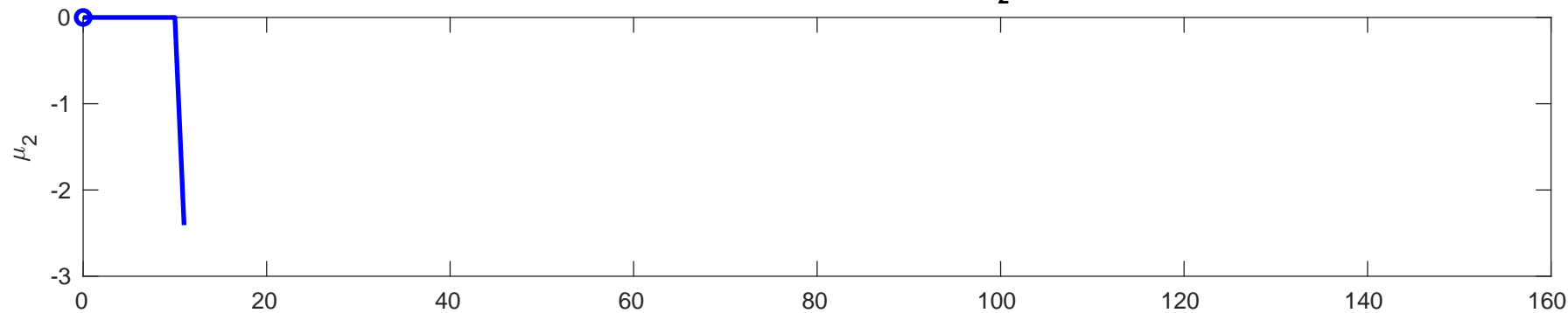
Posterior expectation of  $x$

3

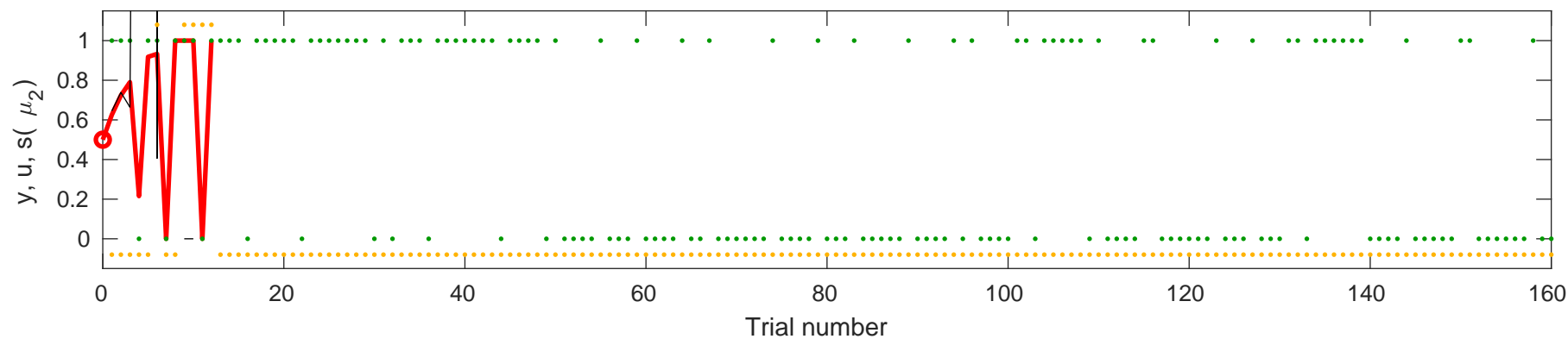


Posterior expectation of  $x$

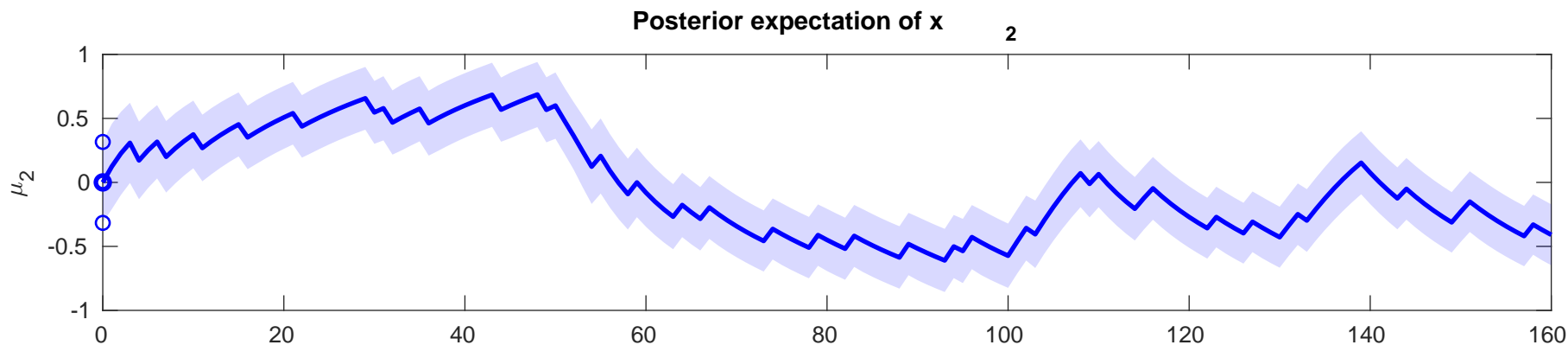
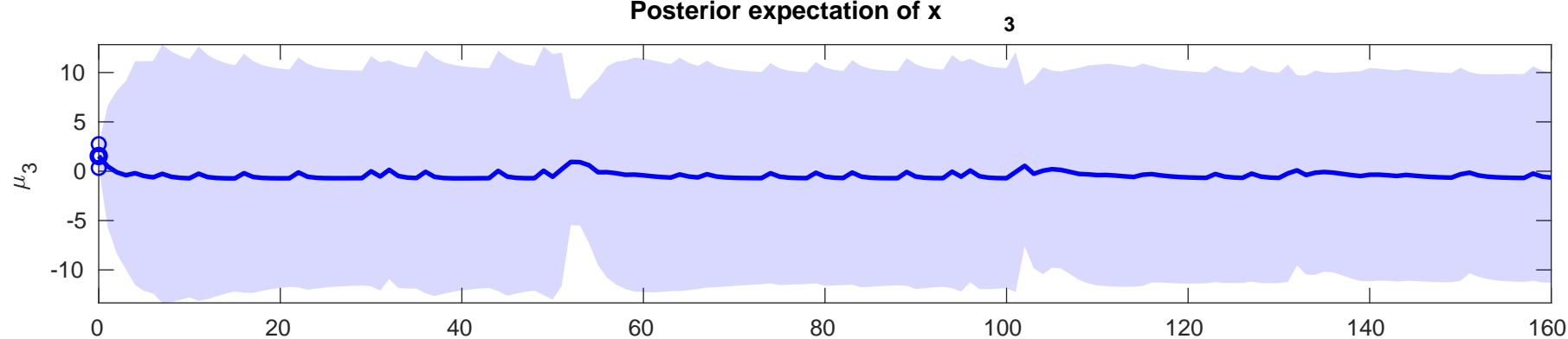
2



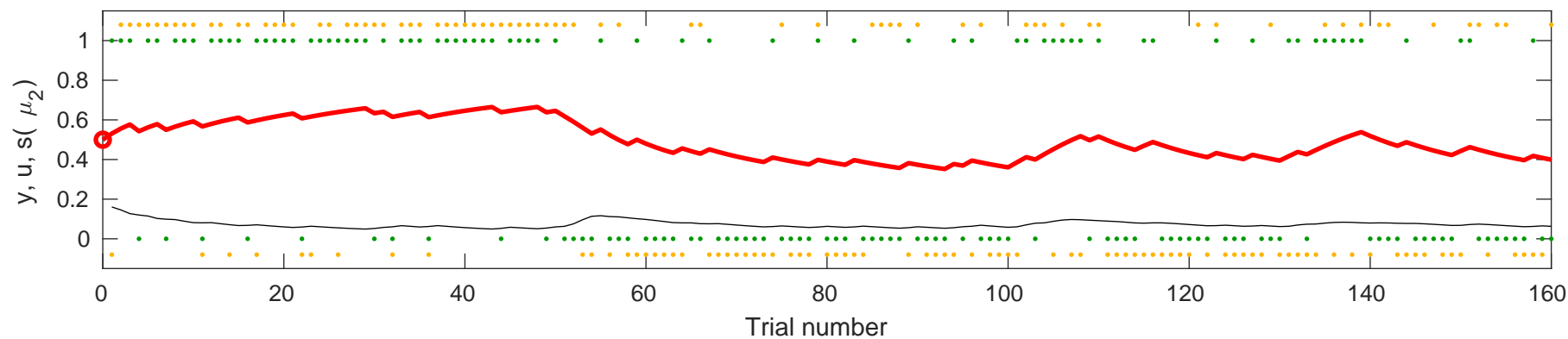
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.3561$

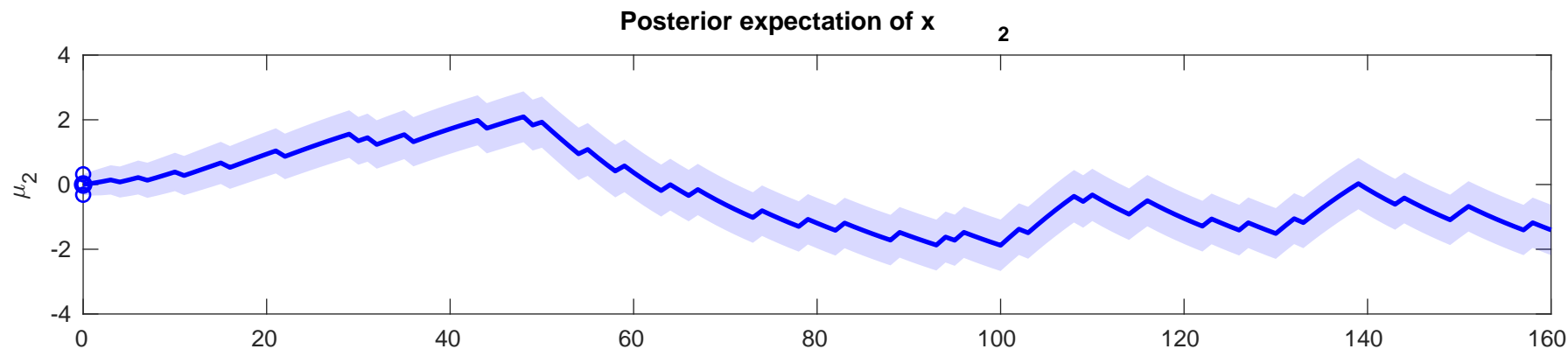
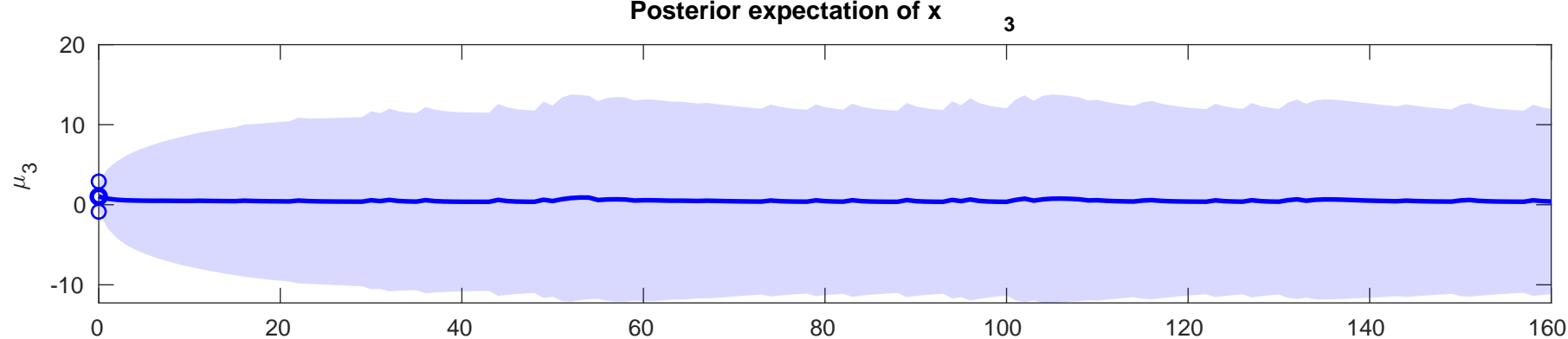




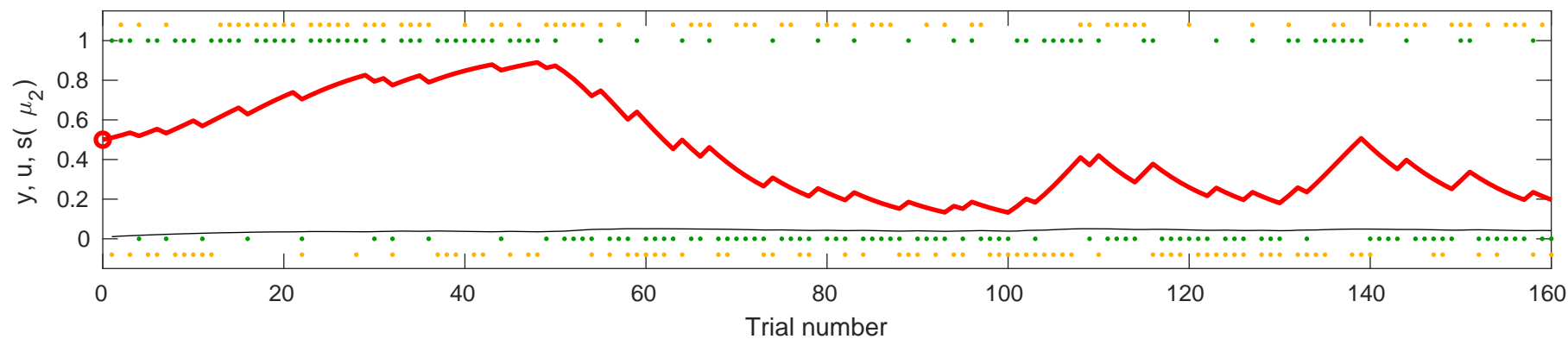


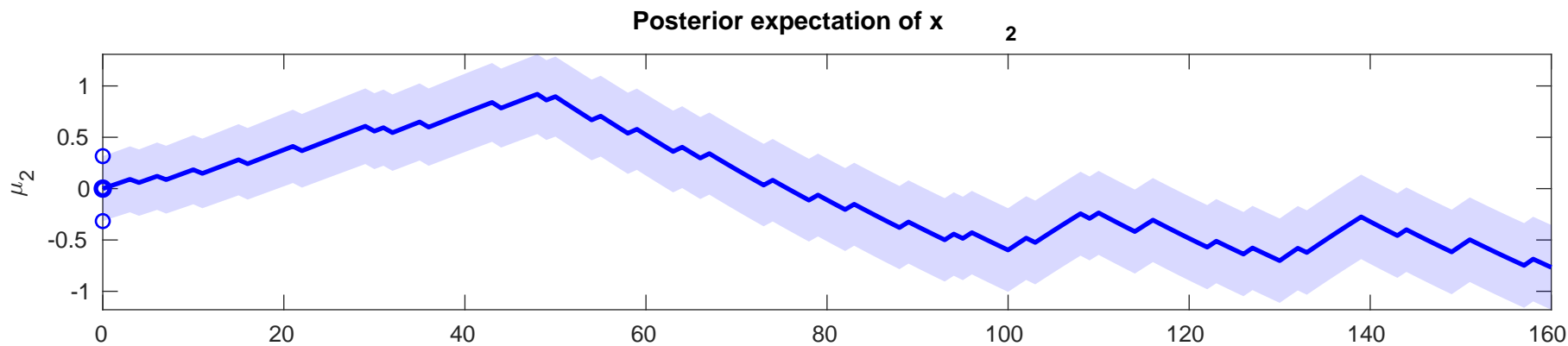
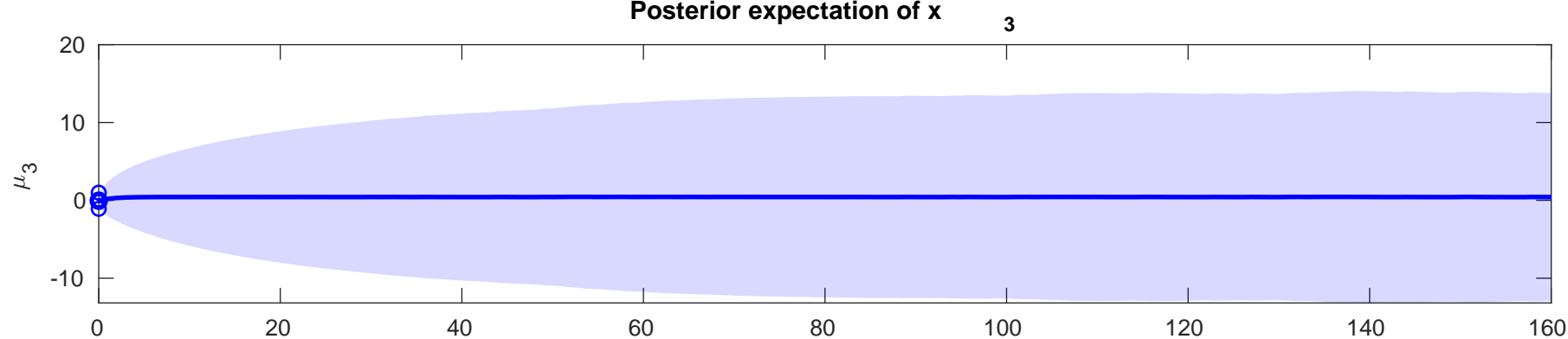
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.0729$



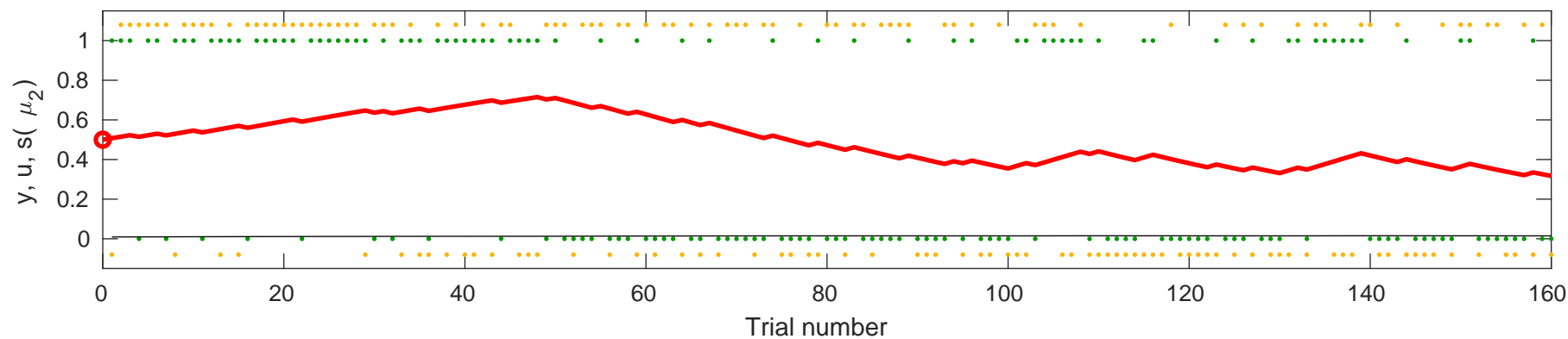


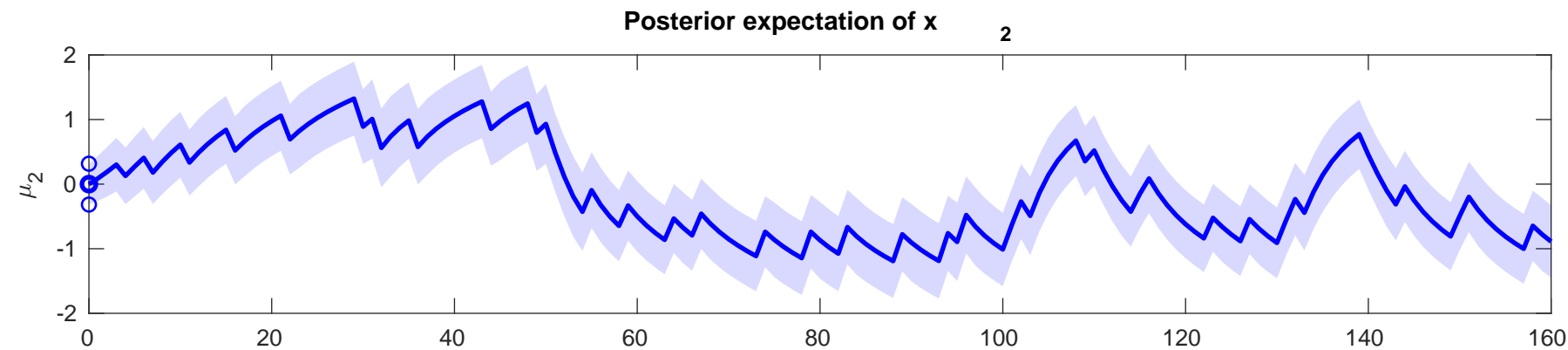
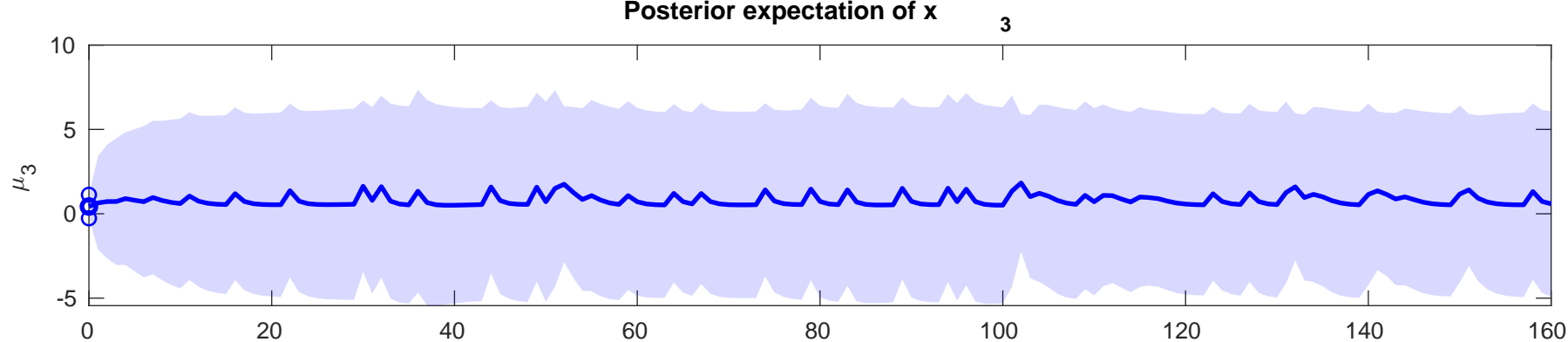
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.0969$



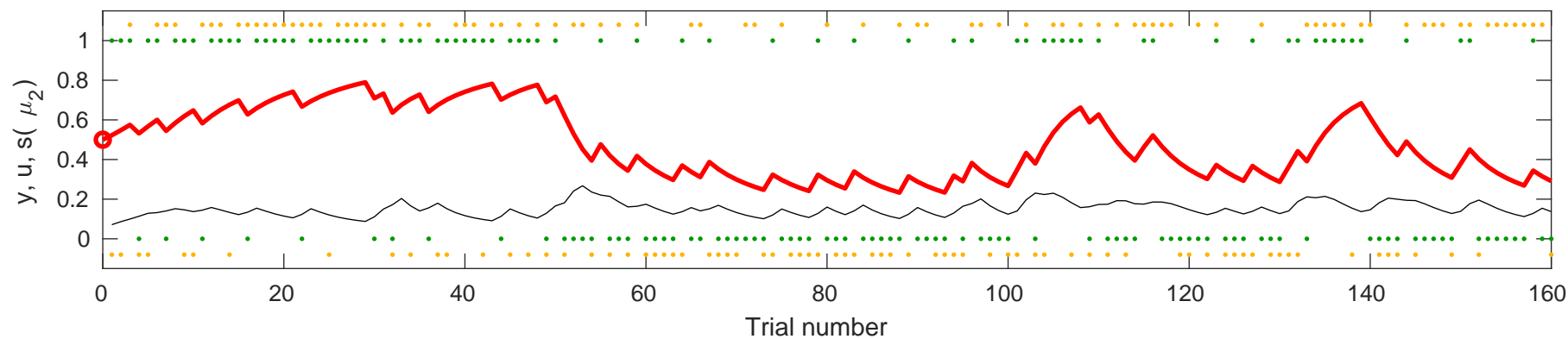


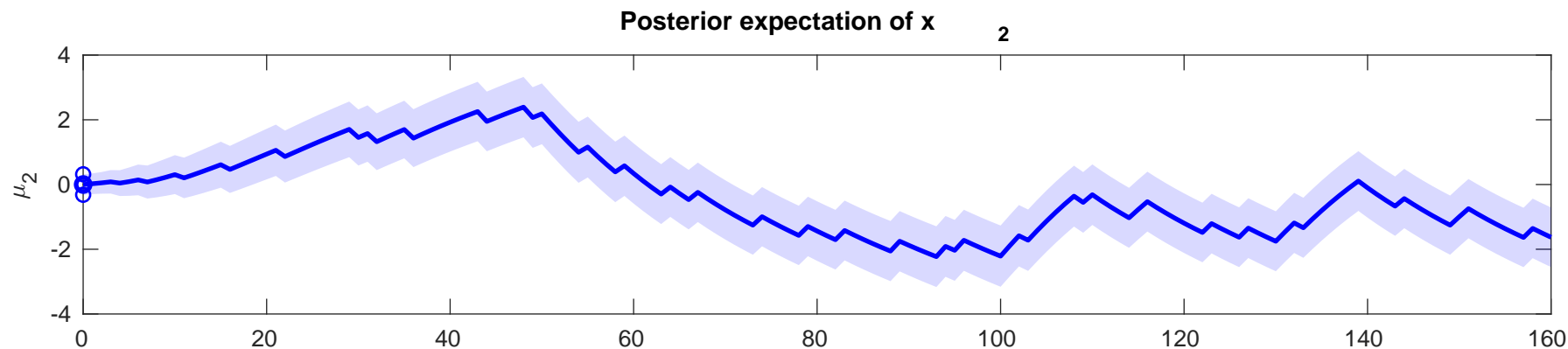
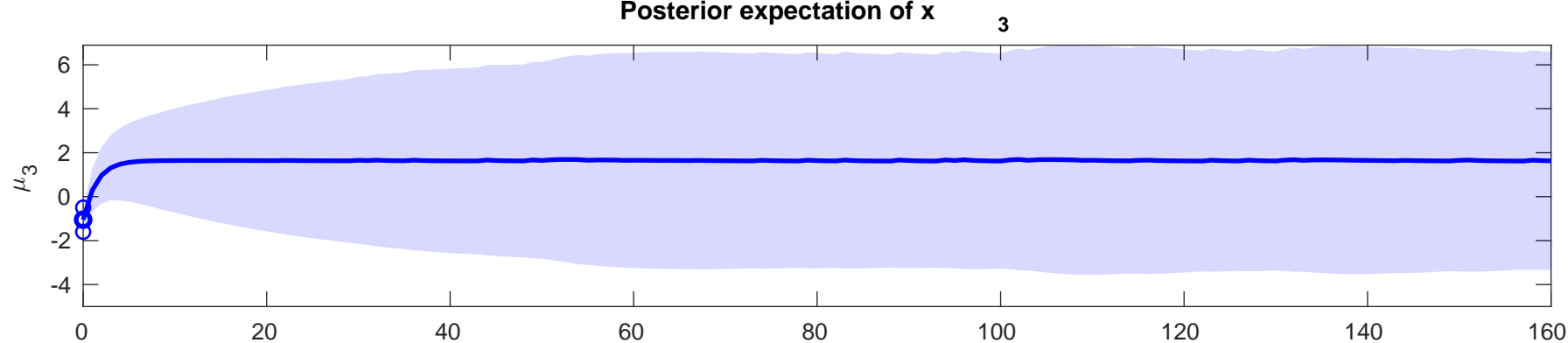
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-6.3774$



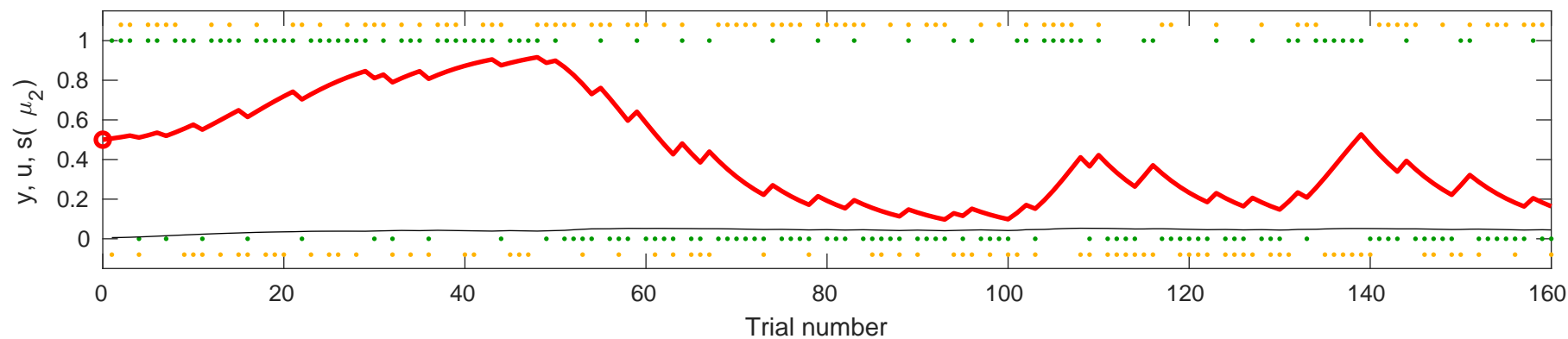


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.9024$



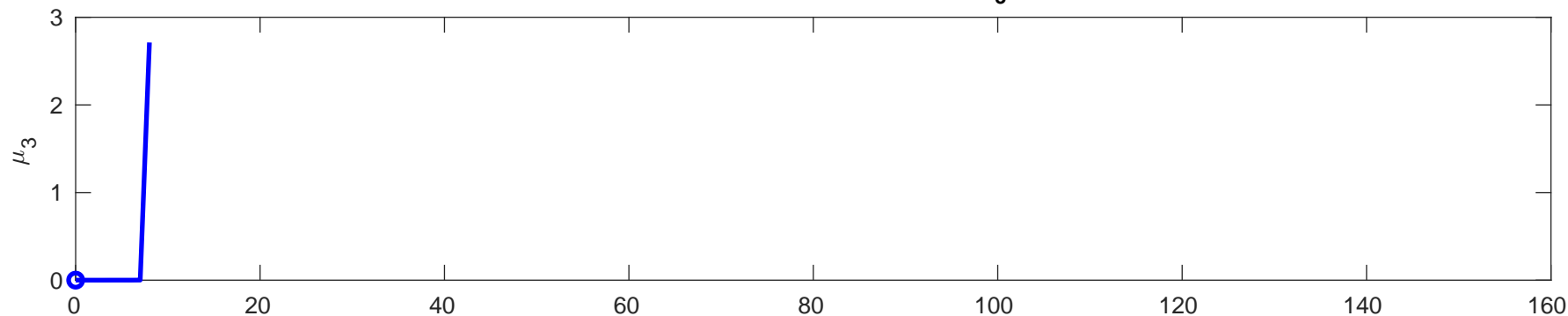


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.8488$



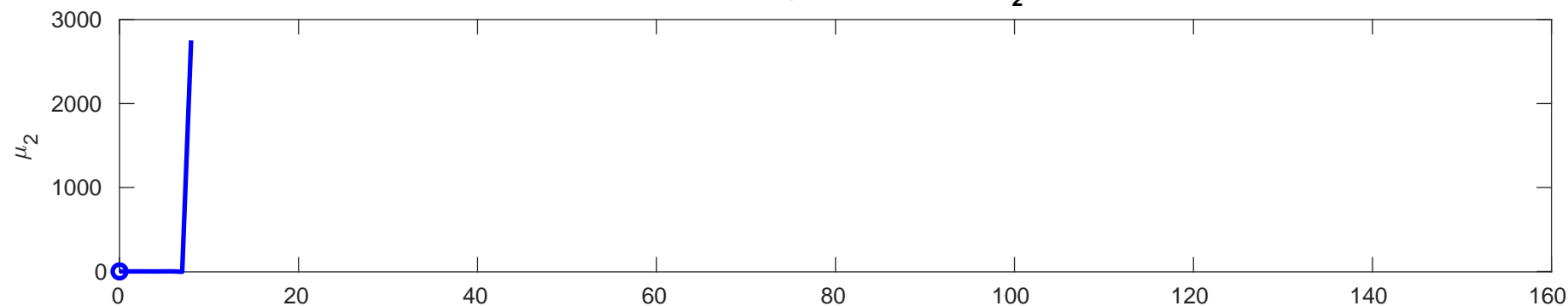
Posterior expectation of  $x$

3

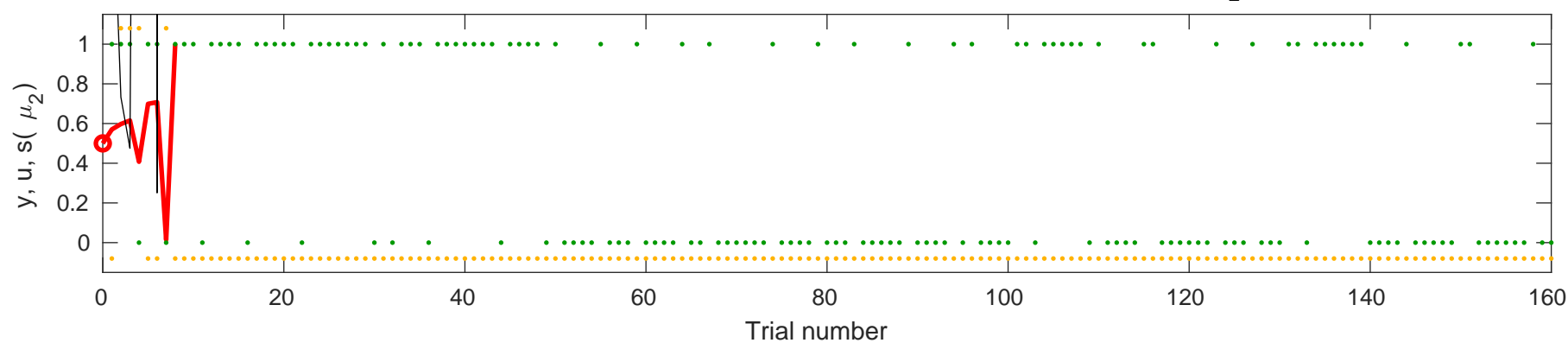


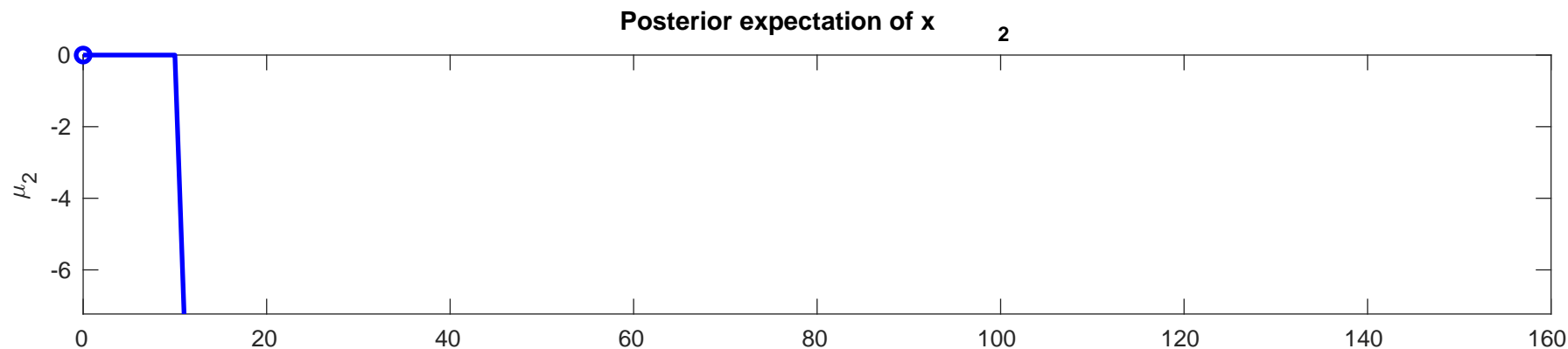
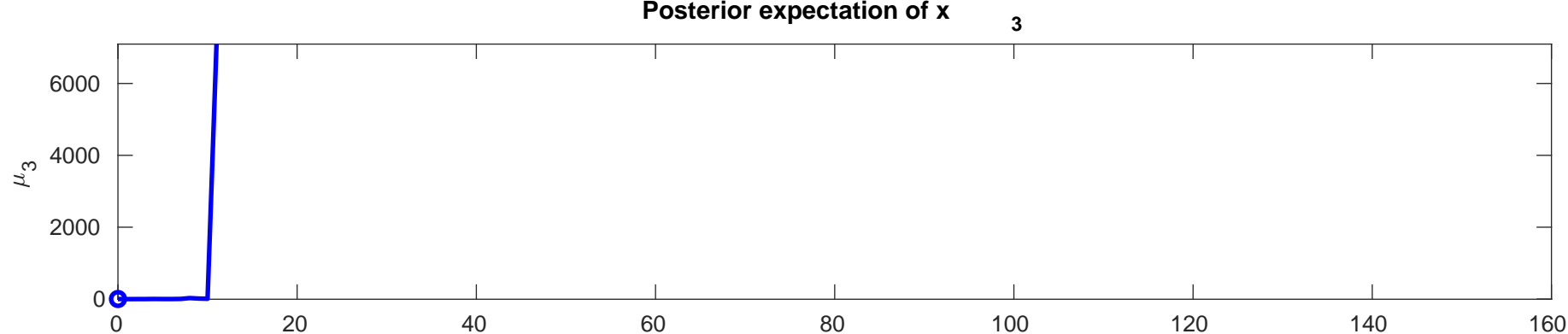
Posterior expectation of  $x$

2

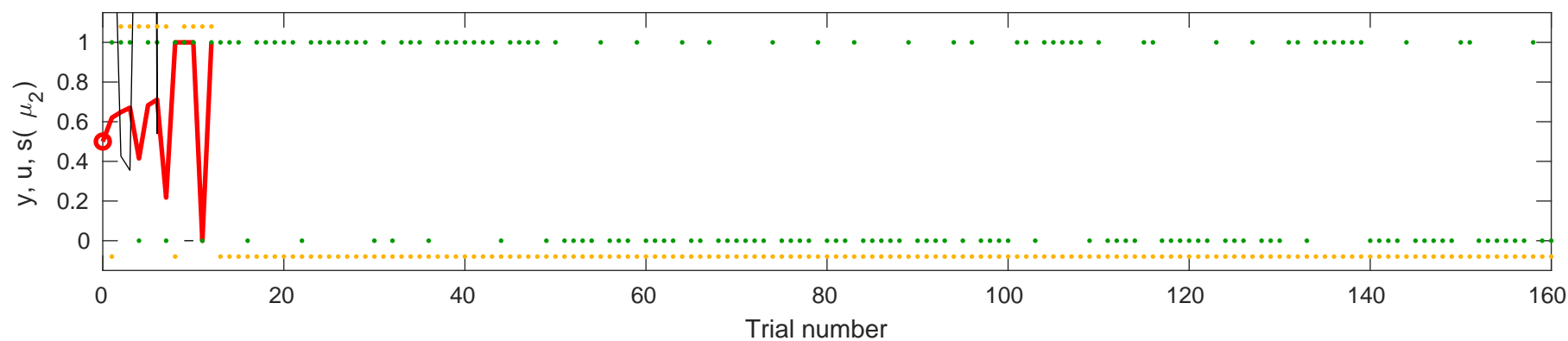


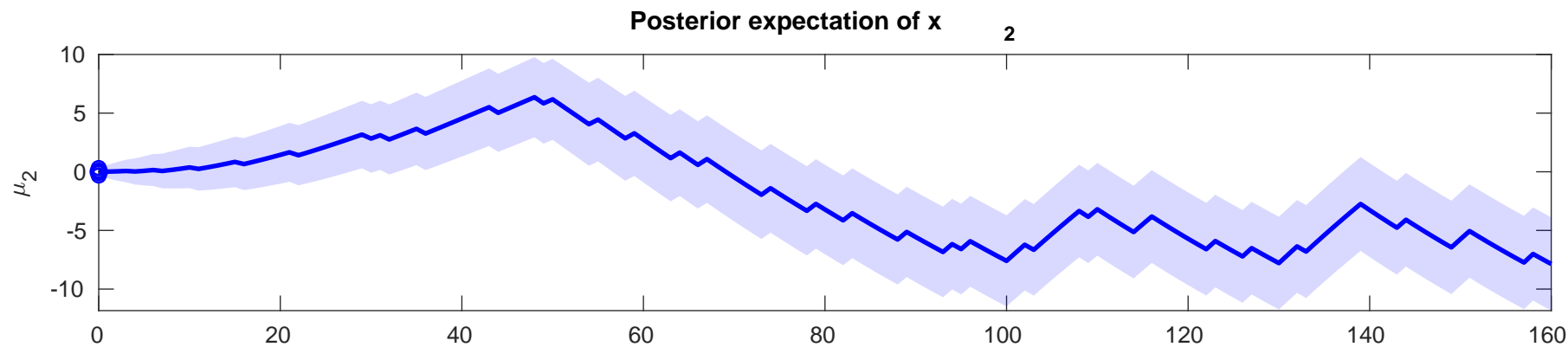
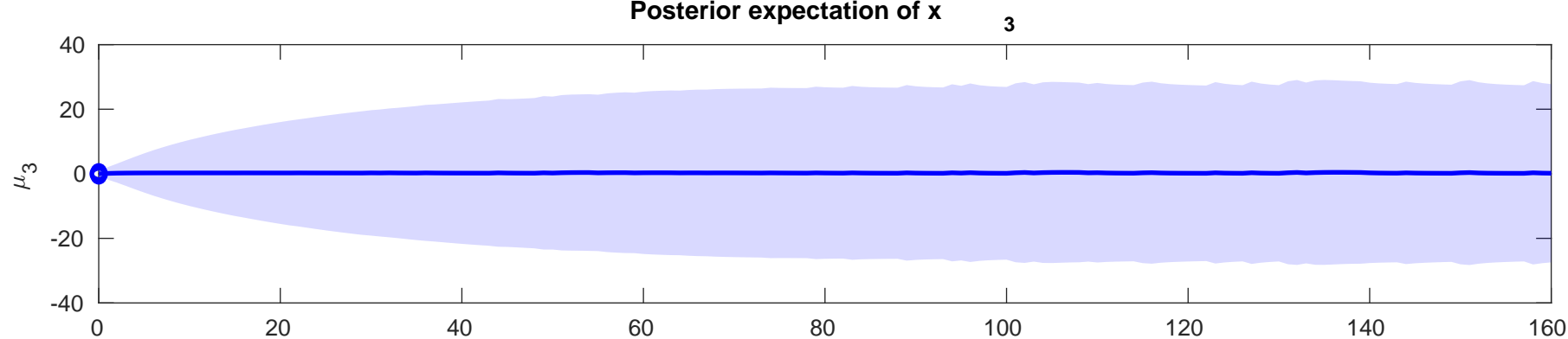
Plot of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-3.1925$



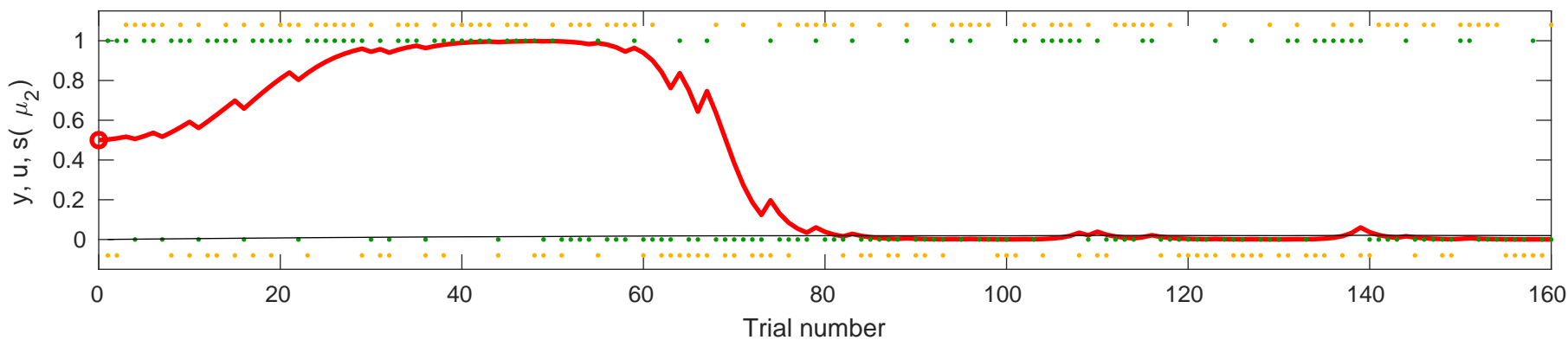


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-1.1772$

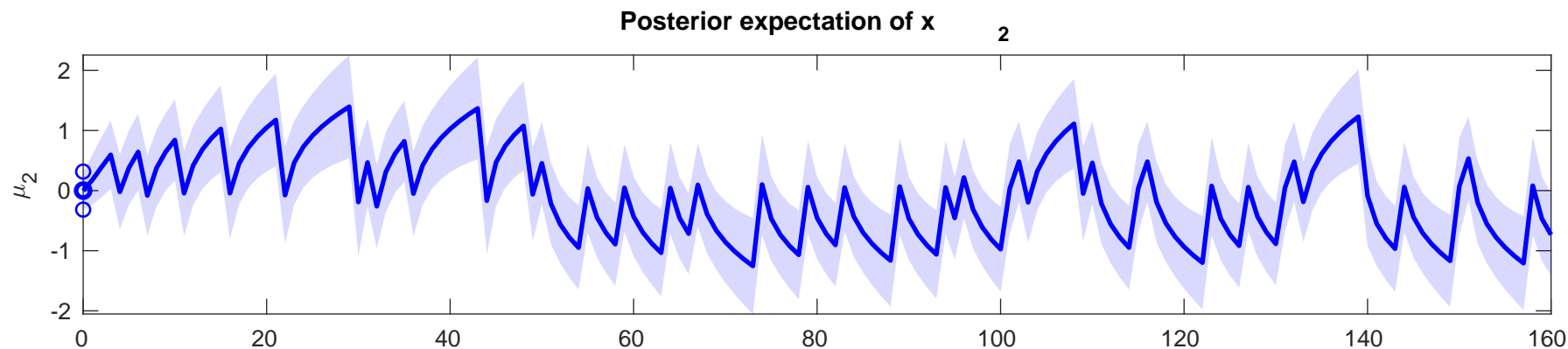
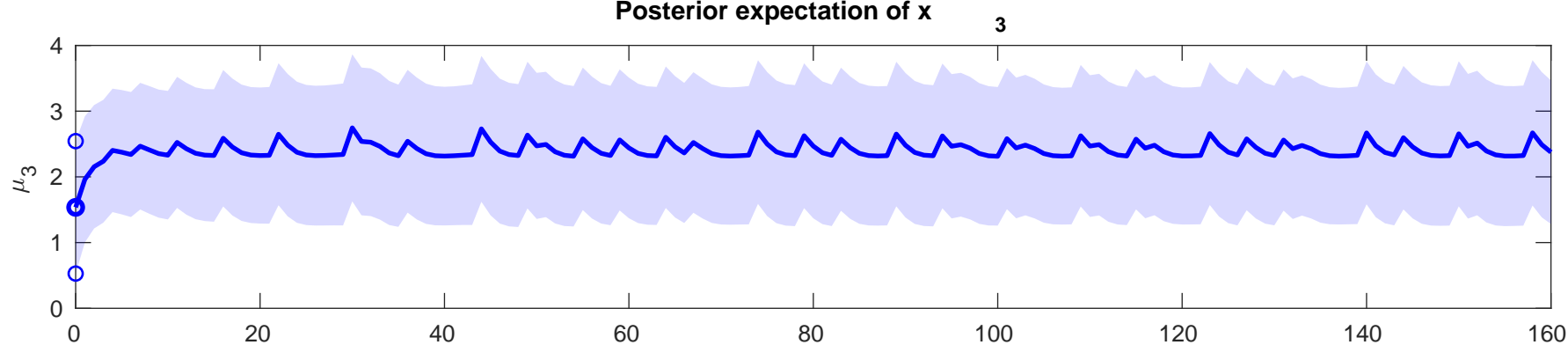




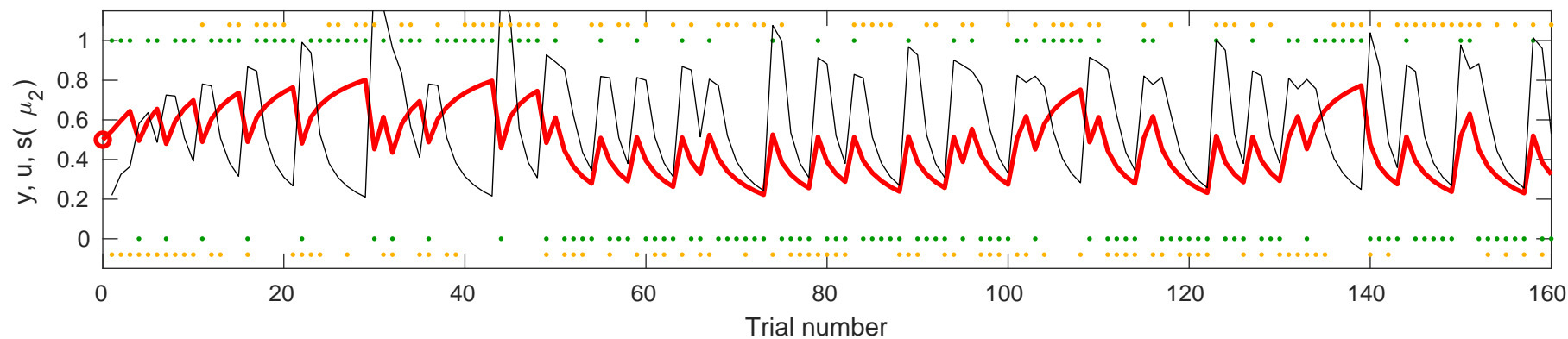
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.3893$

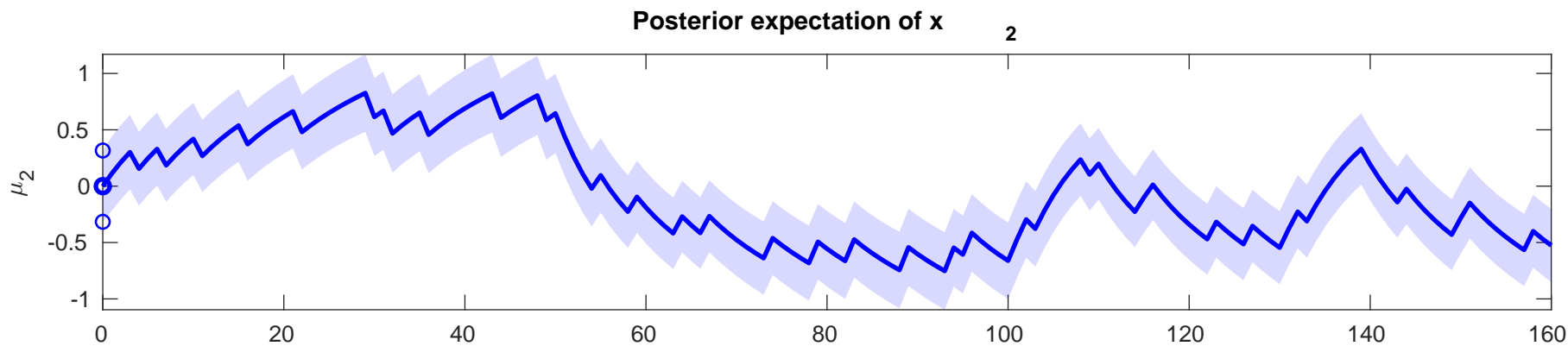
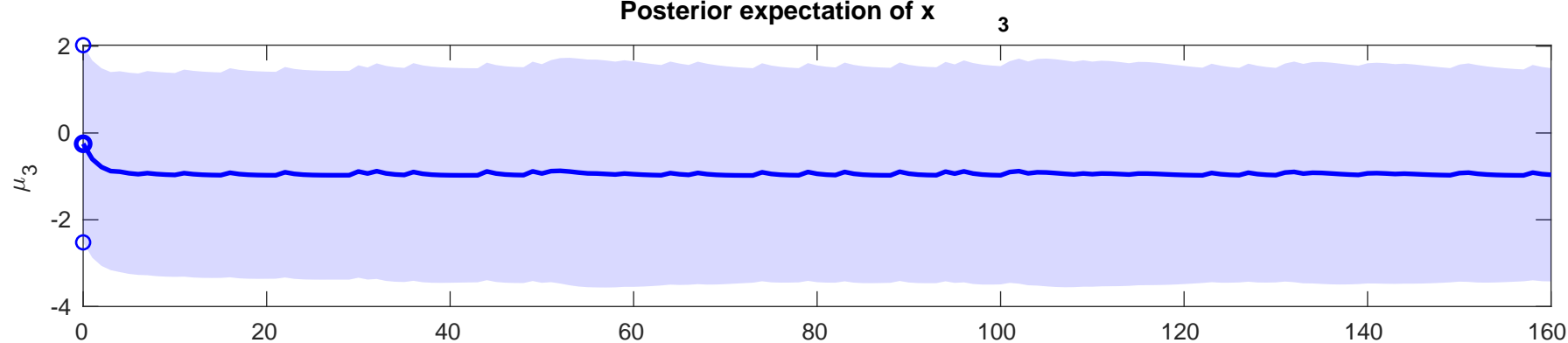




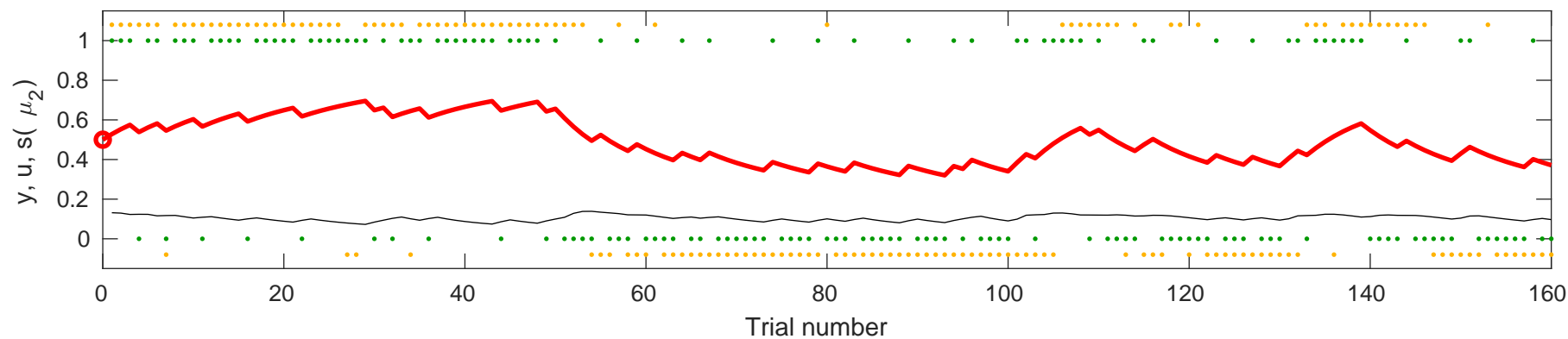


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.7455$



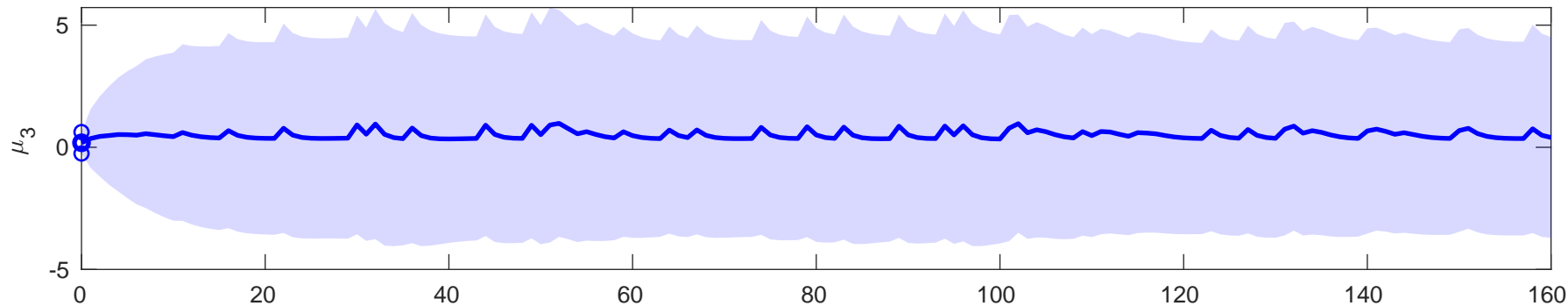


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.5514$

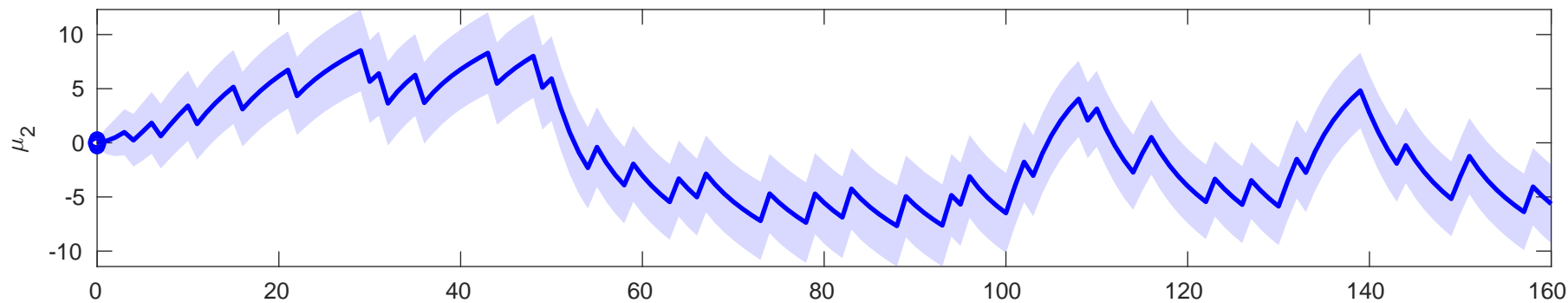
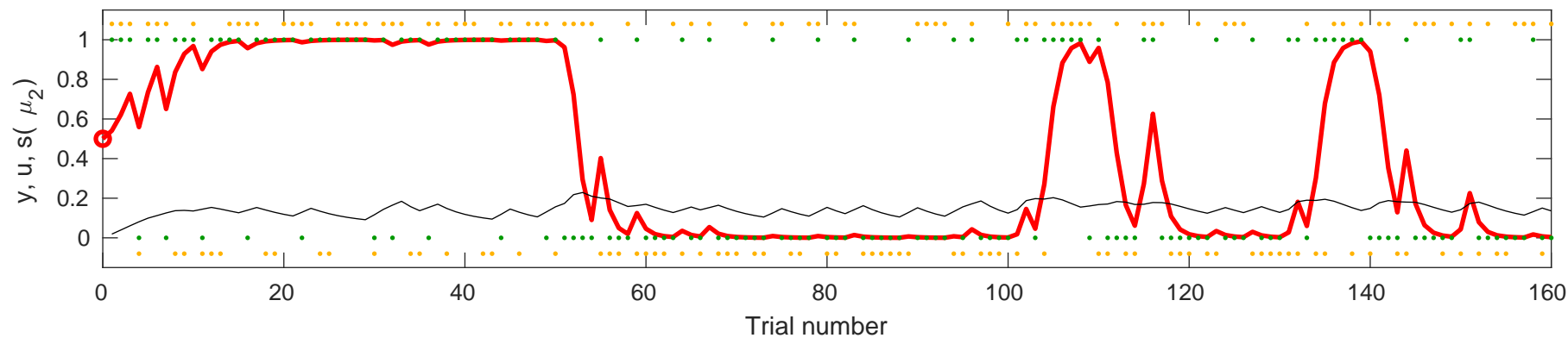


Posterior expectation of  $x$ 

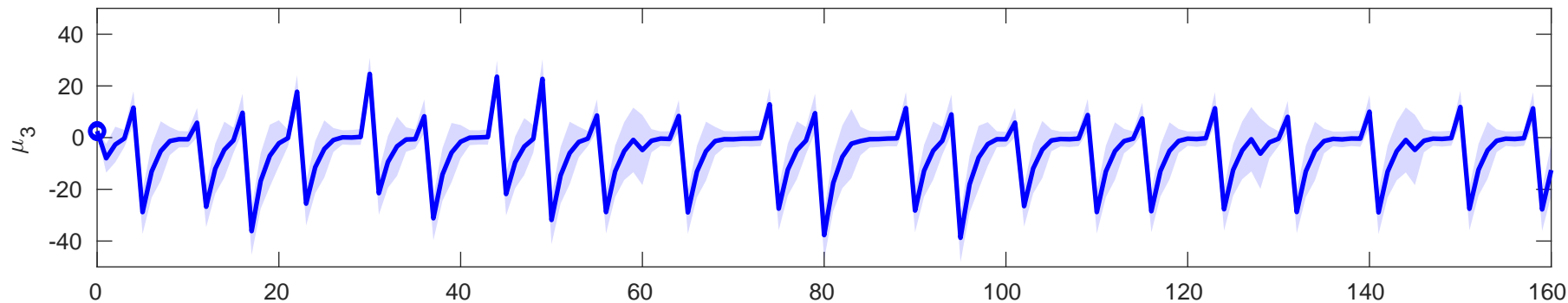
3

Posterior expectation of  $x$ 

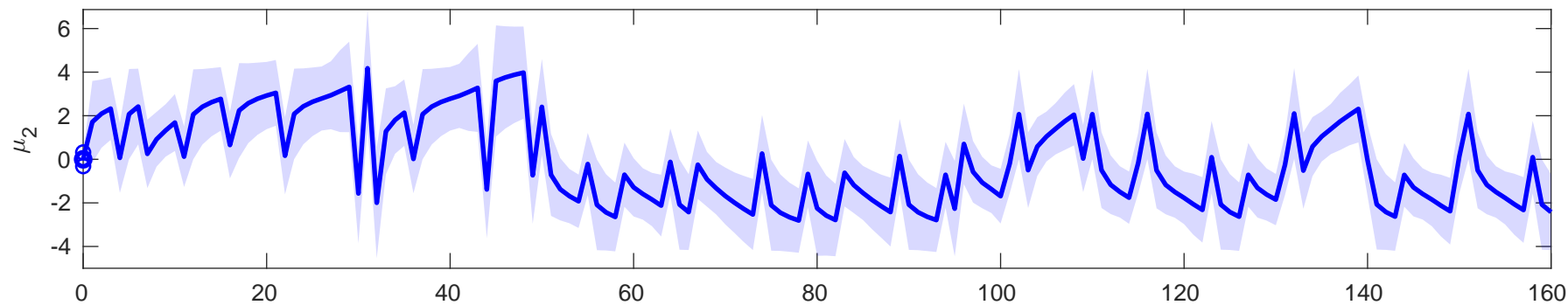
2

use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$ ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=0.1458$ 

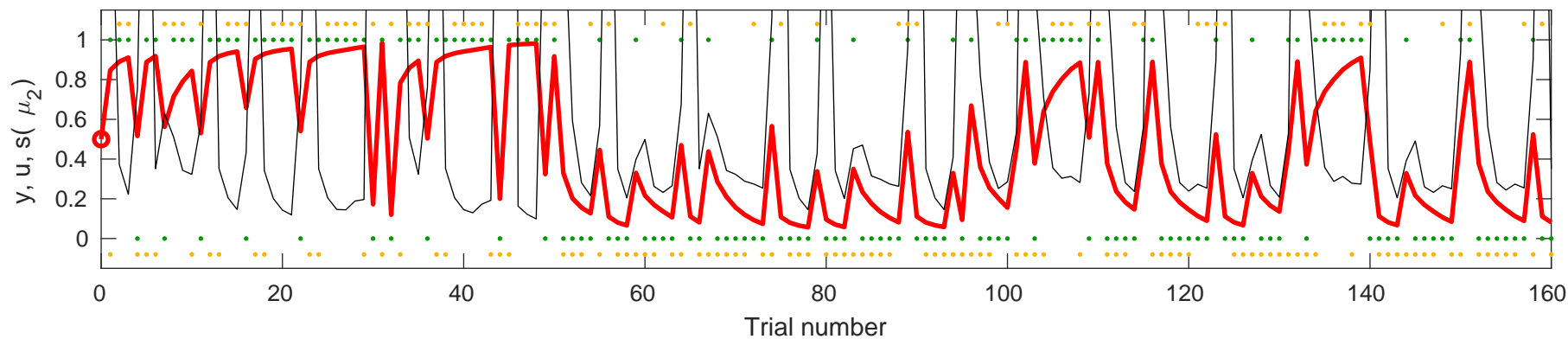
Posterior expectation of  $x$  **3**



Posterior expectation of  $x$  **2**

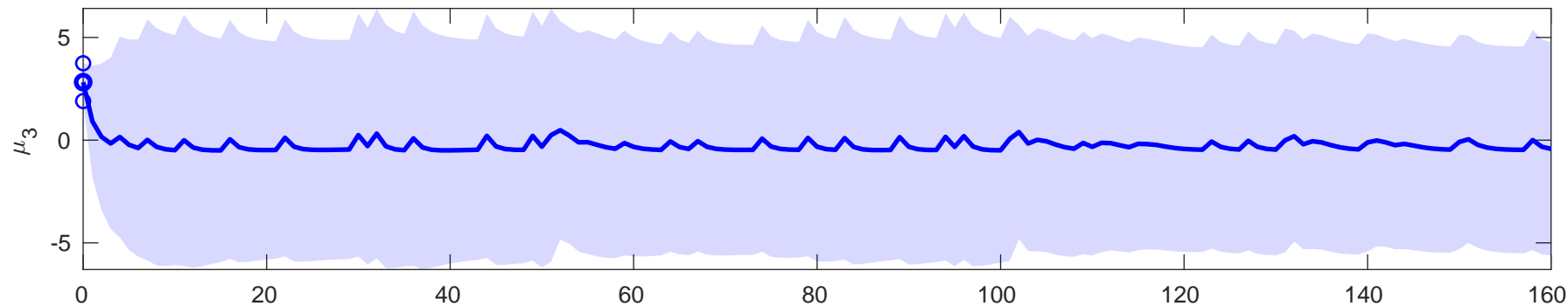


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=0.50414$

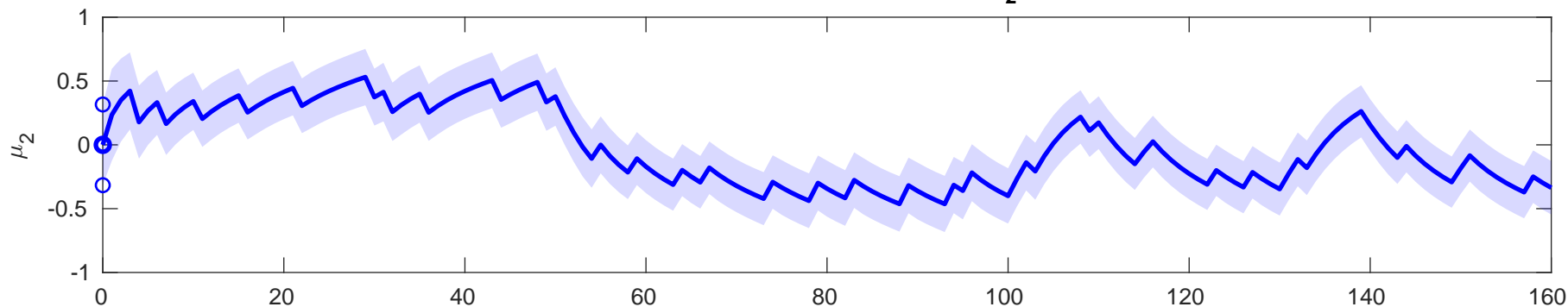


Posterior expectation of  $x$ 

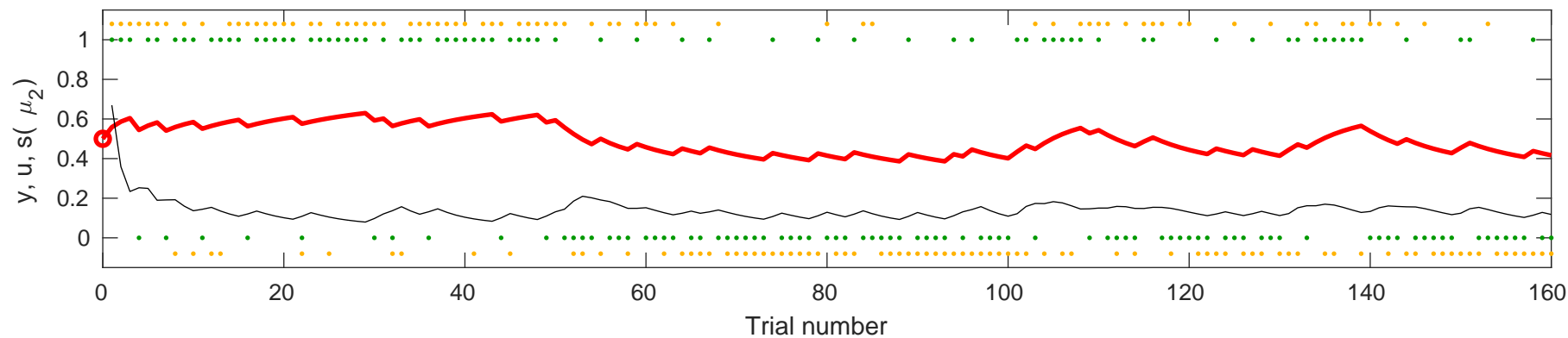
3

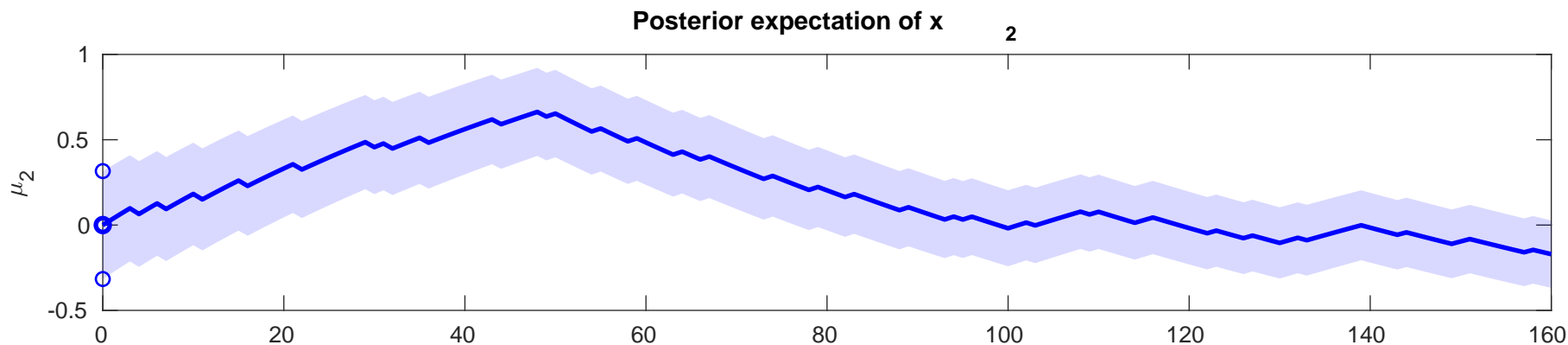
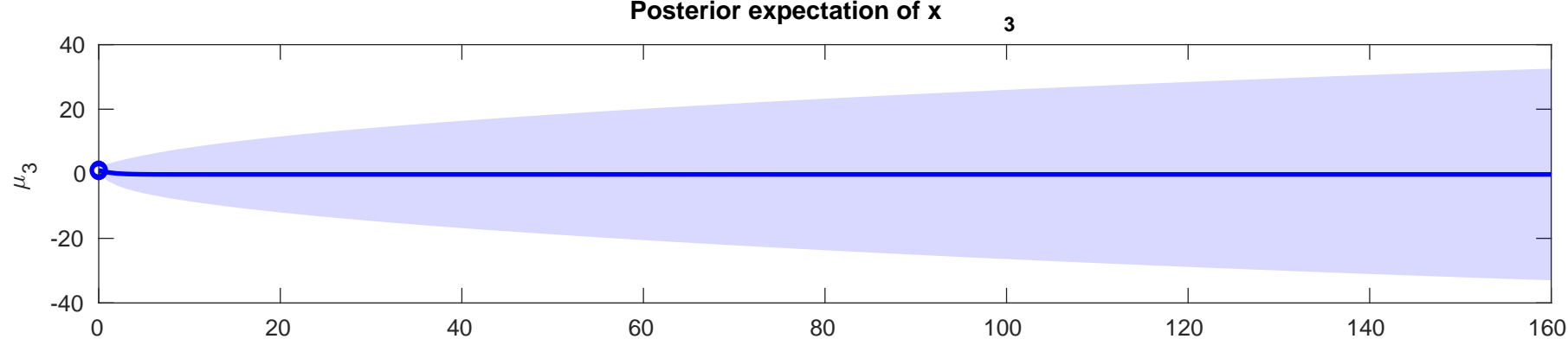
Posterior expectation of  $x$ 

2

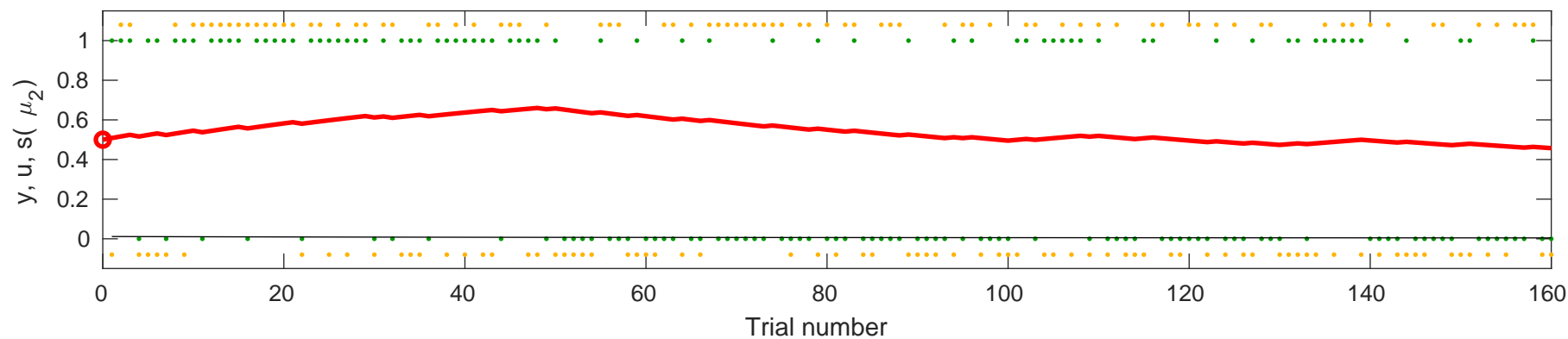


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.8908$



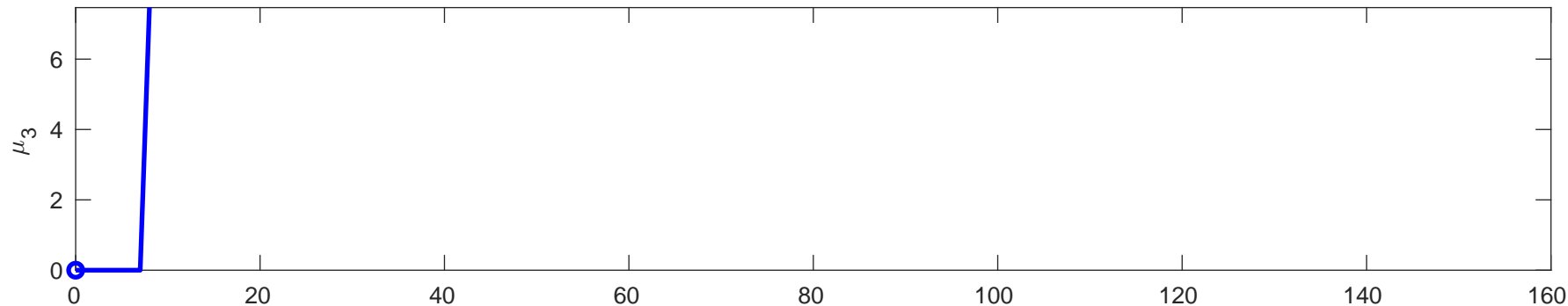


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-9.8288$



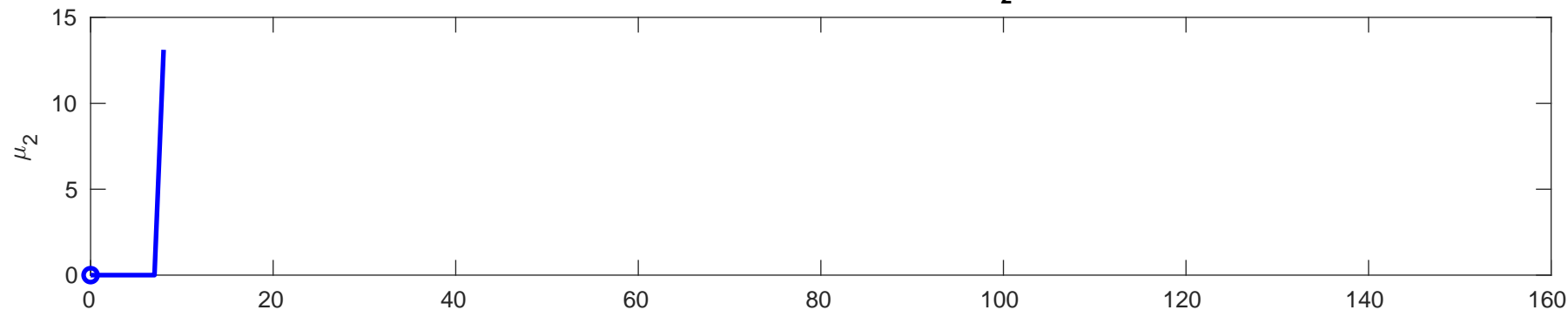
Posterior expectation of  $x$

3

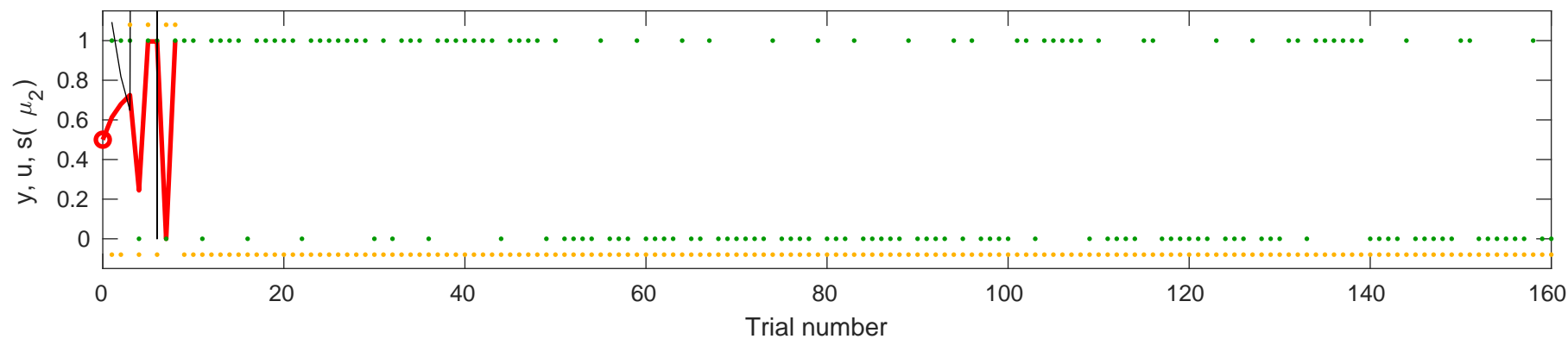


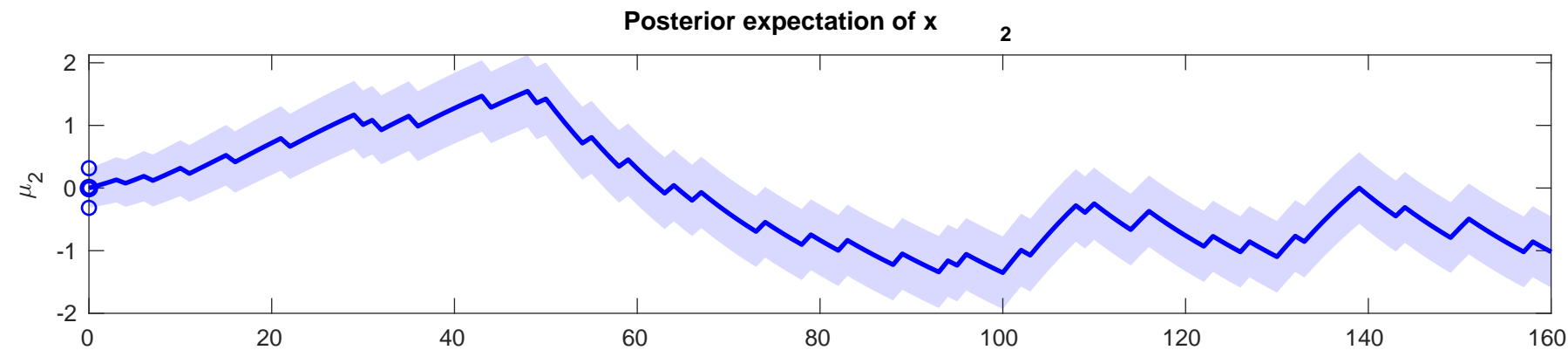
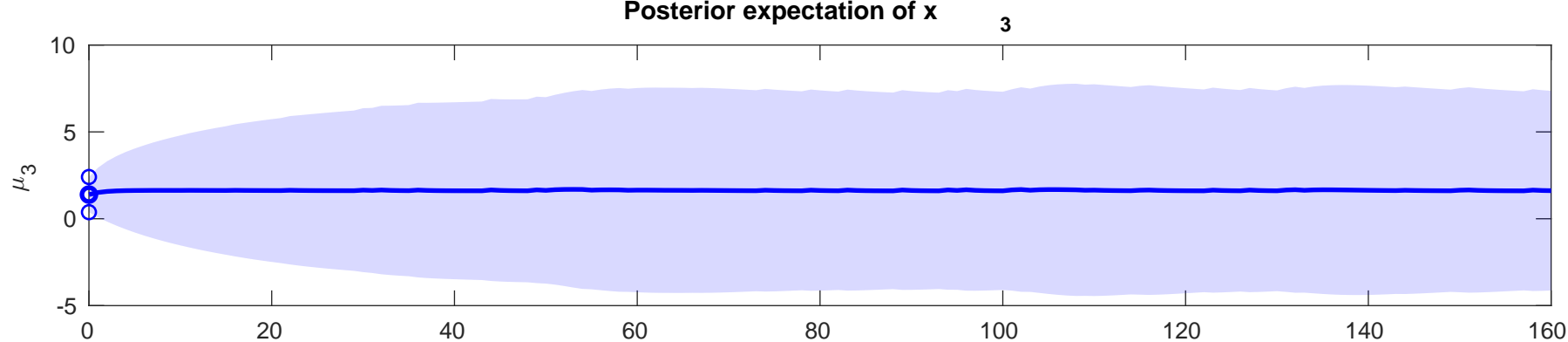
Posterior expectation of  $x$

2

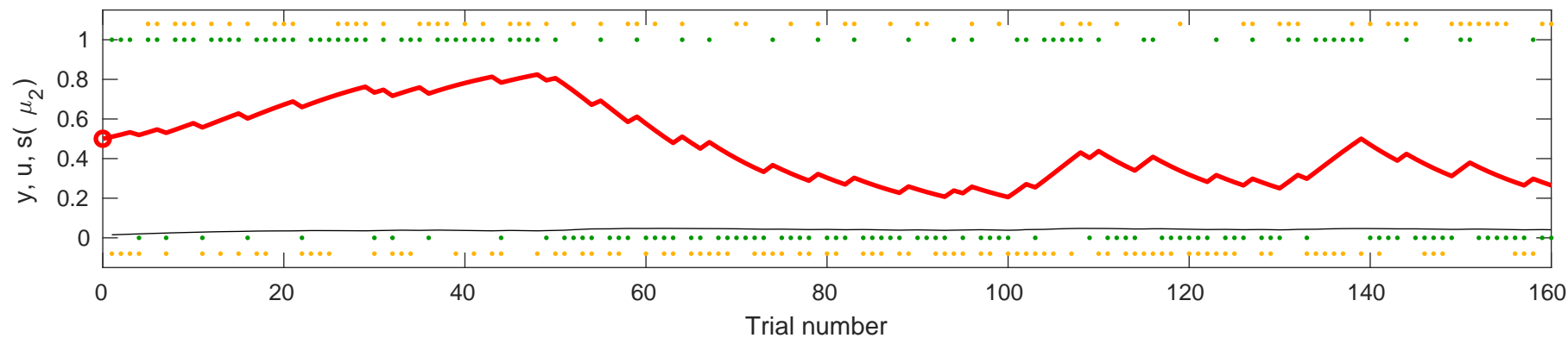


Output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-0.13785$





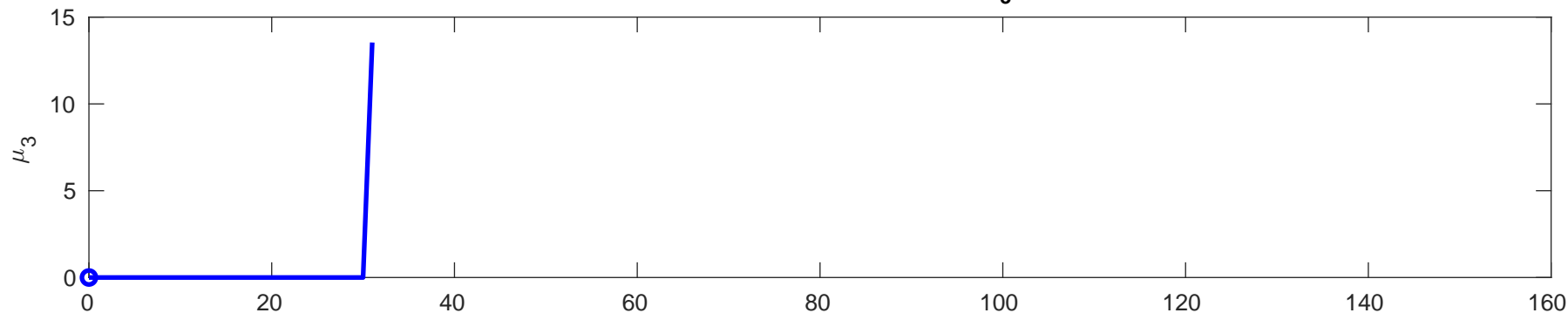
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.9008$





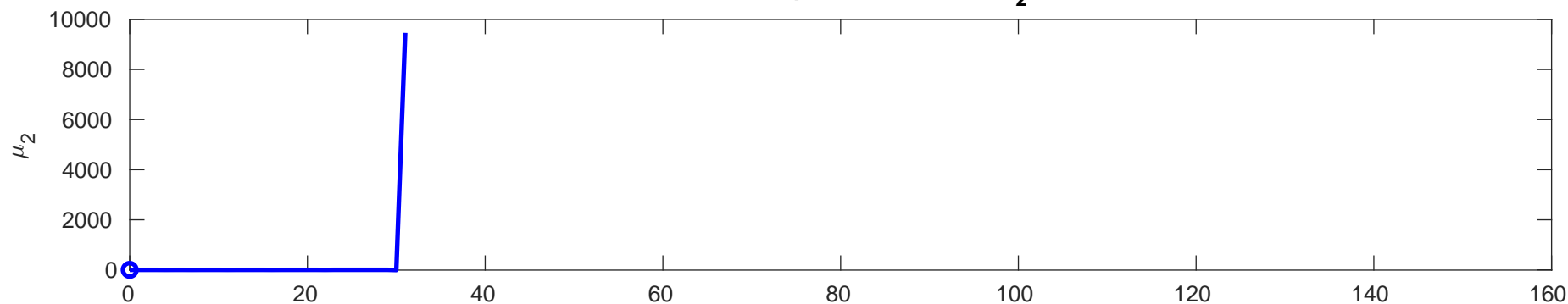
Posterior expectation of  $x$

3

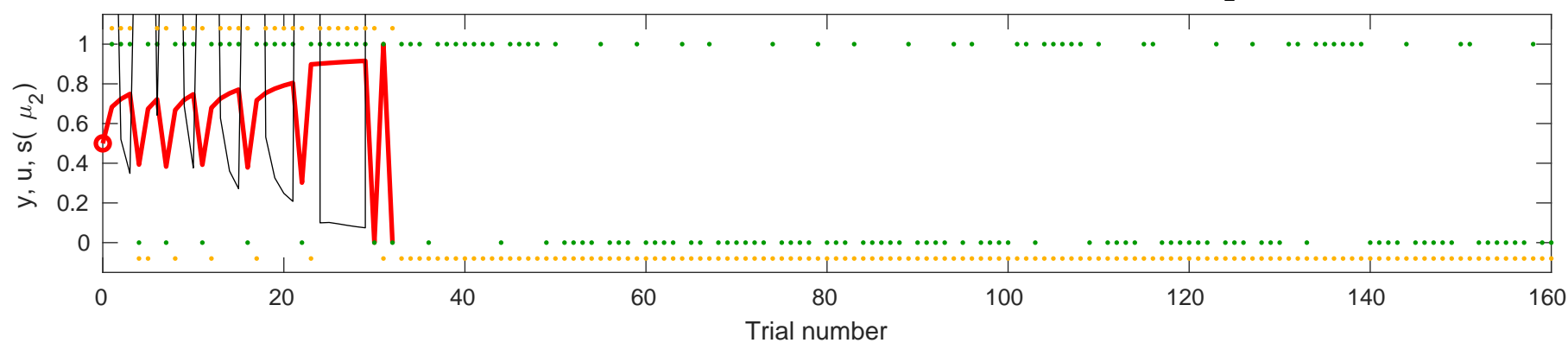


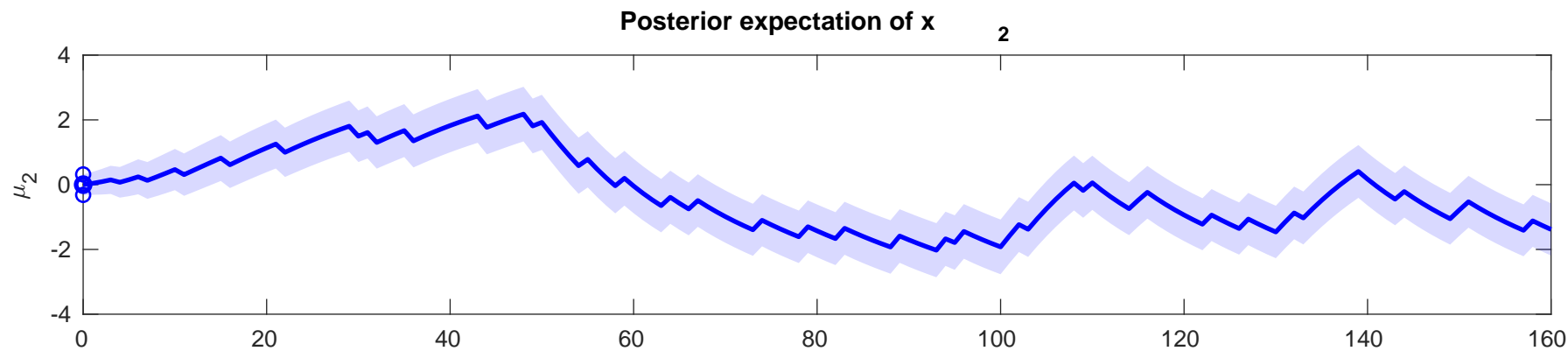
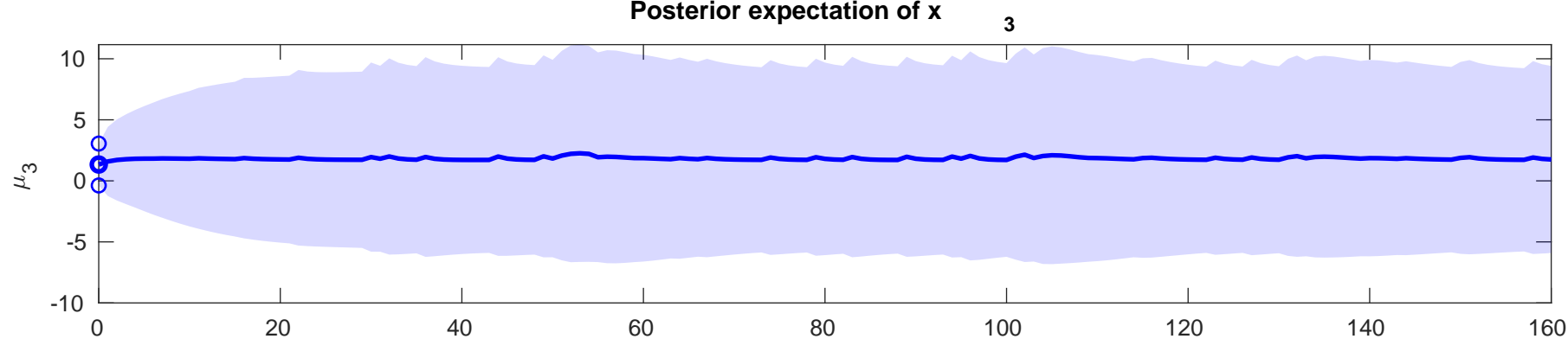
Posterior expectation of  $x$

2

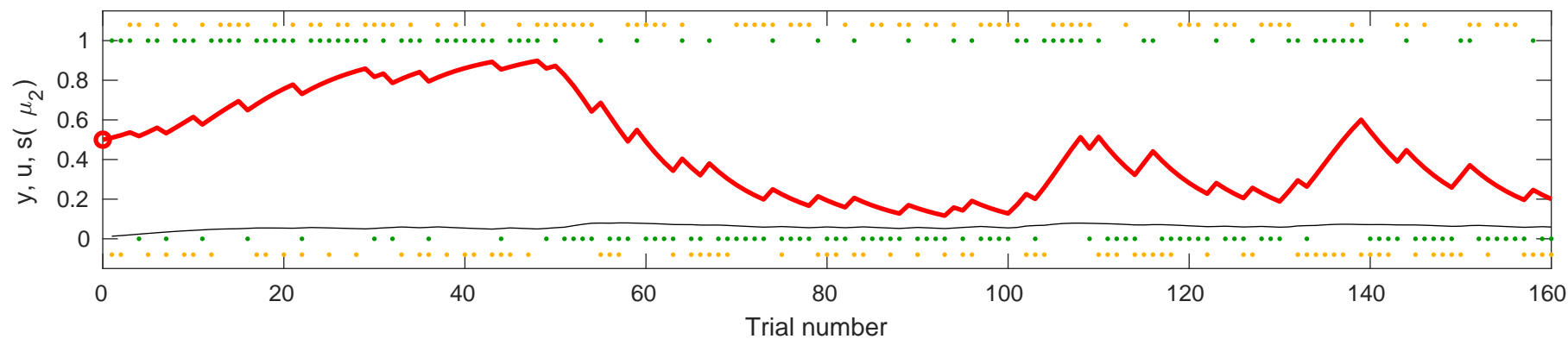


Output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-0.69099$



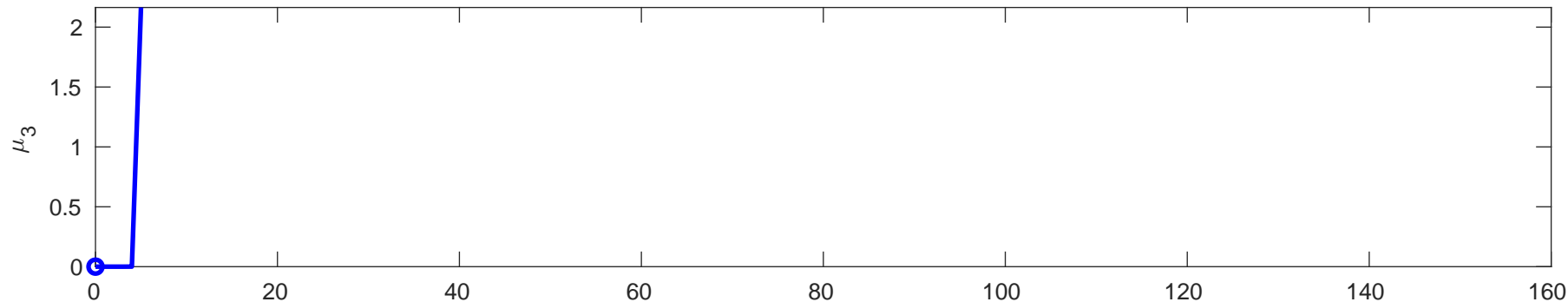


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.9845$



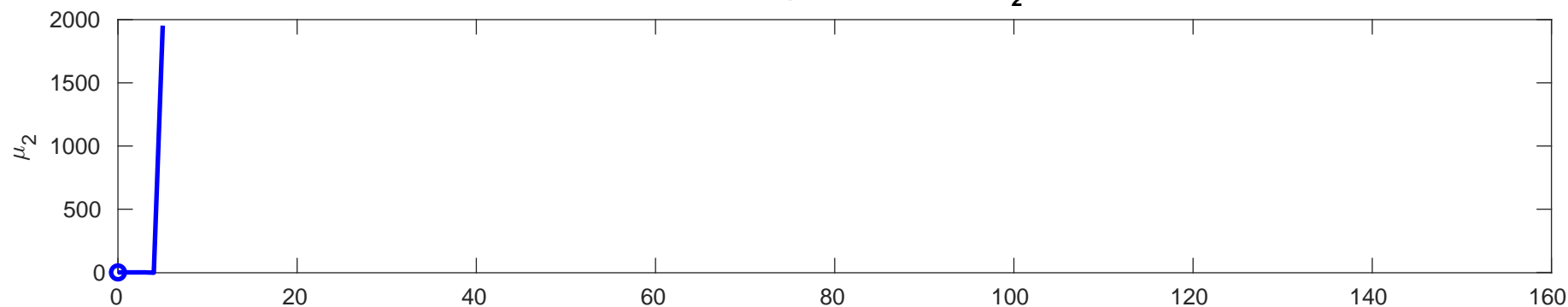
Posterior expectation of  $x$

3

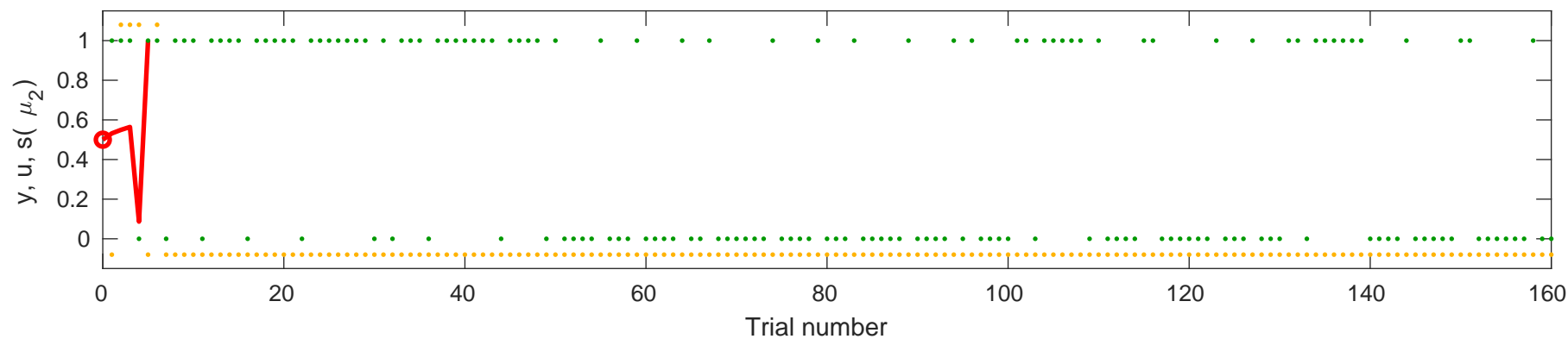


Posterior expectation of  $x$

2

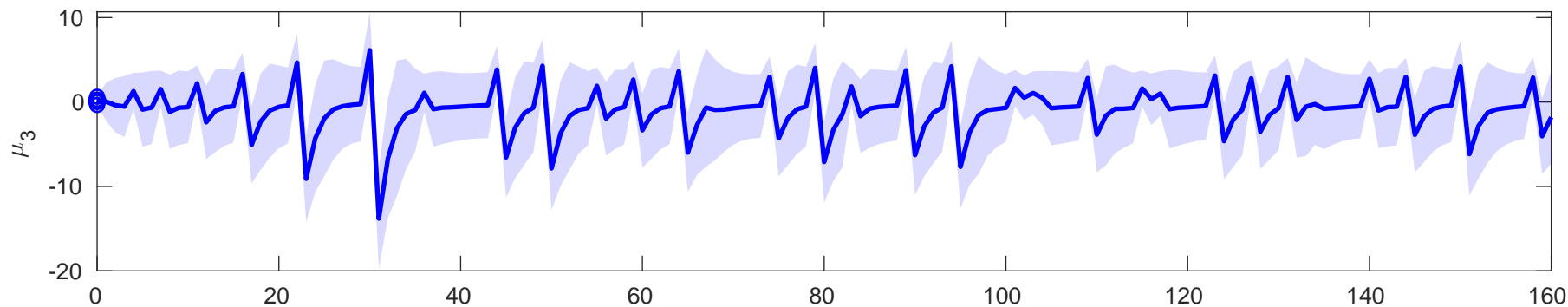


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-0.70239$

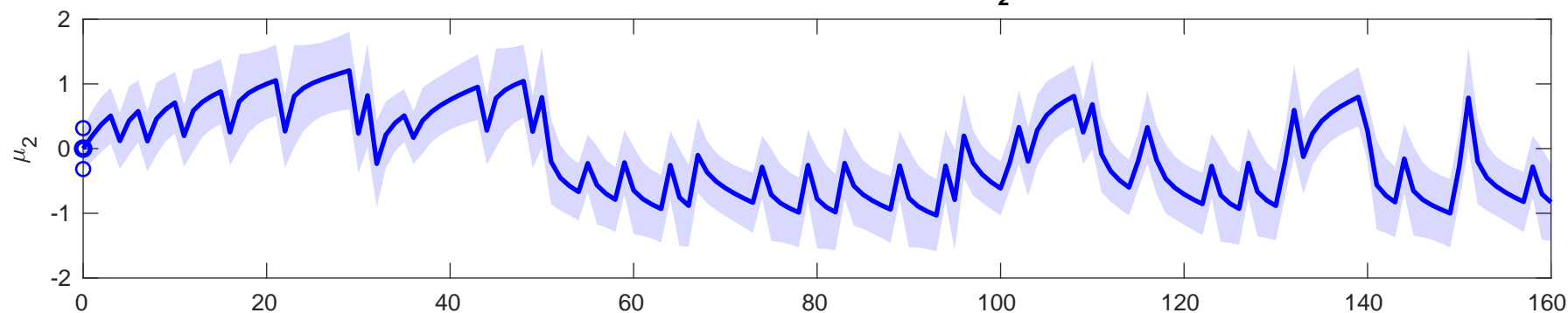


Posterior expectation of  $x$ 

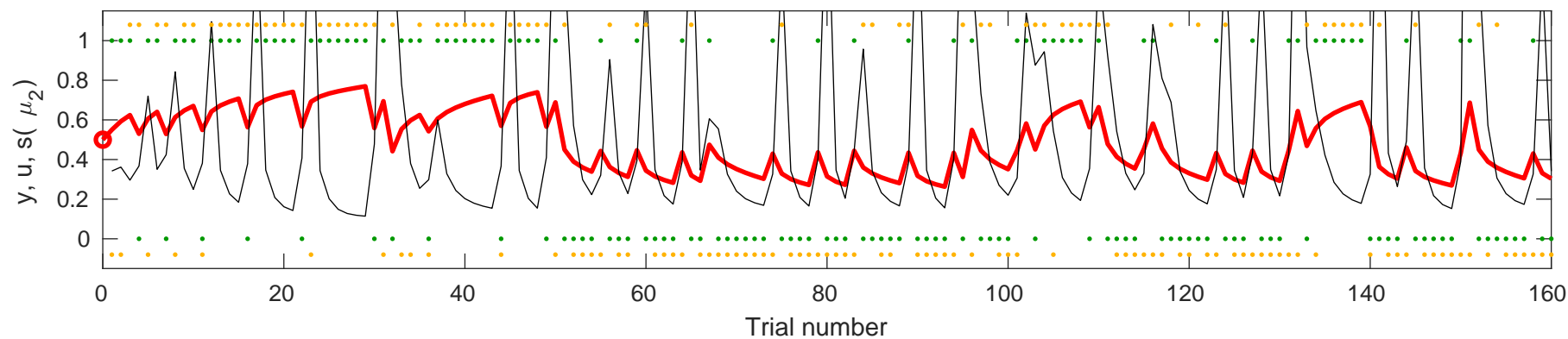
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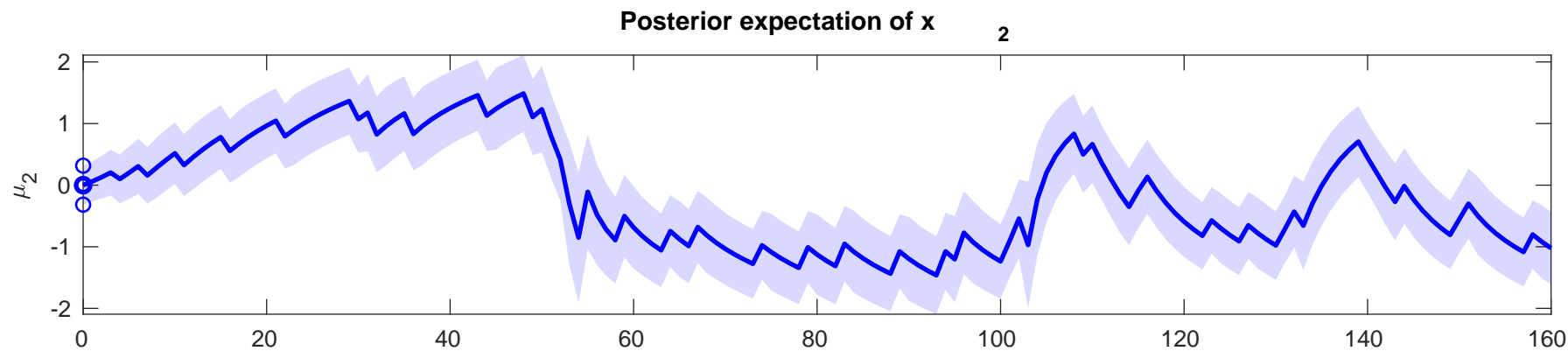
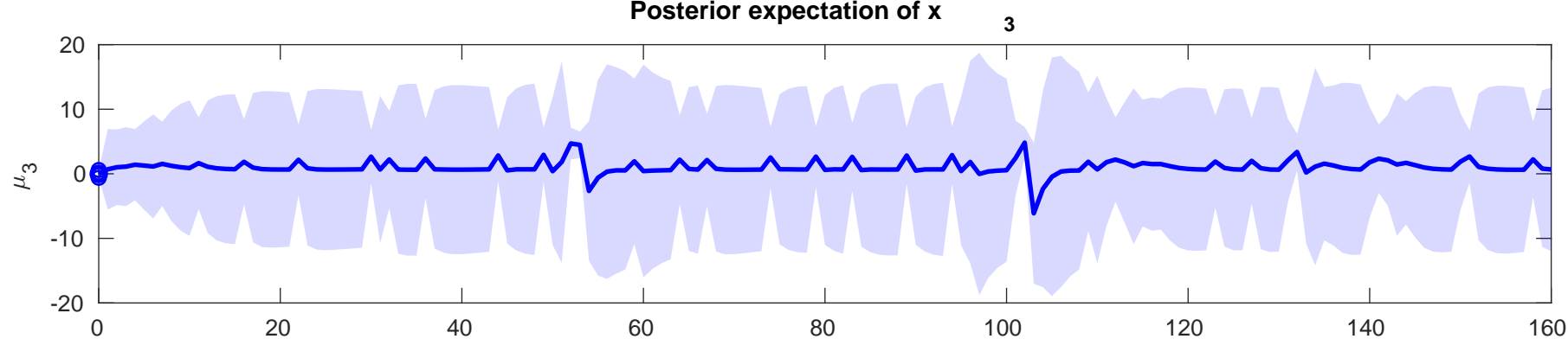
Posterior expectation of  $x$ 

2

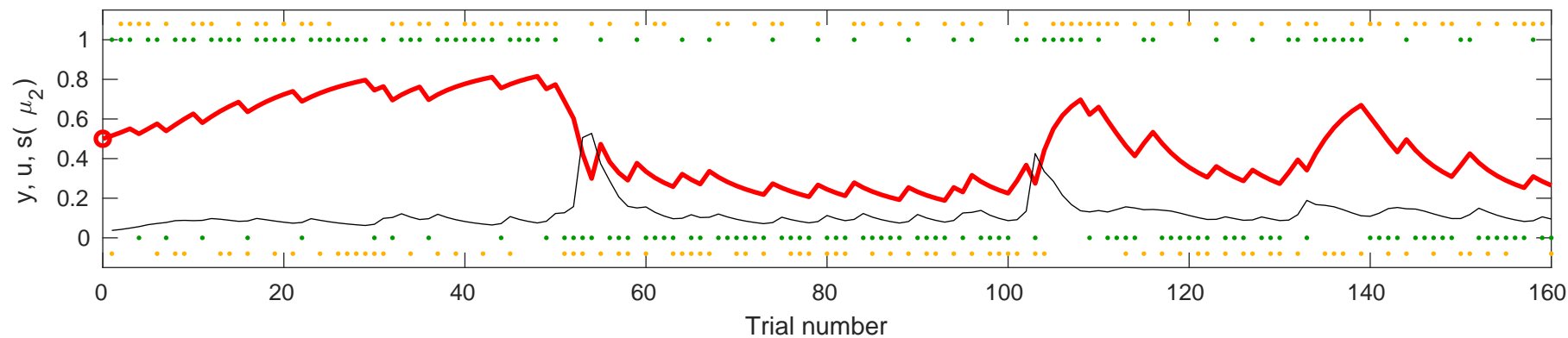


Plot of the posterior expectation of  $x_2$  (red line) over 160 trials. The y-axis is labeled  $\mu_2$  and ranges from -2 to 2. The plot shows a signal that starts near 0, increases to about 1.2 by trial 30, then drops and fluctuates between -1 and 1 for the remainder of the trials. A light blue shaded area represents the uncertainty.



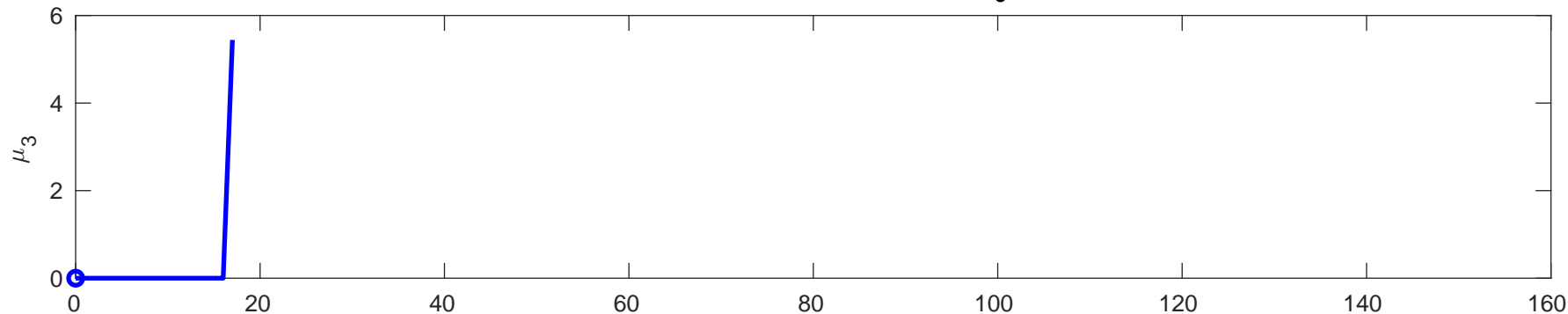


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.6767$



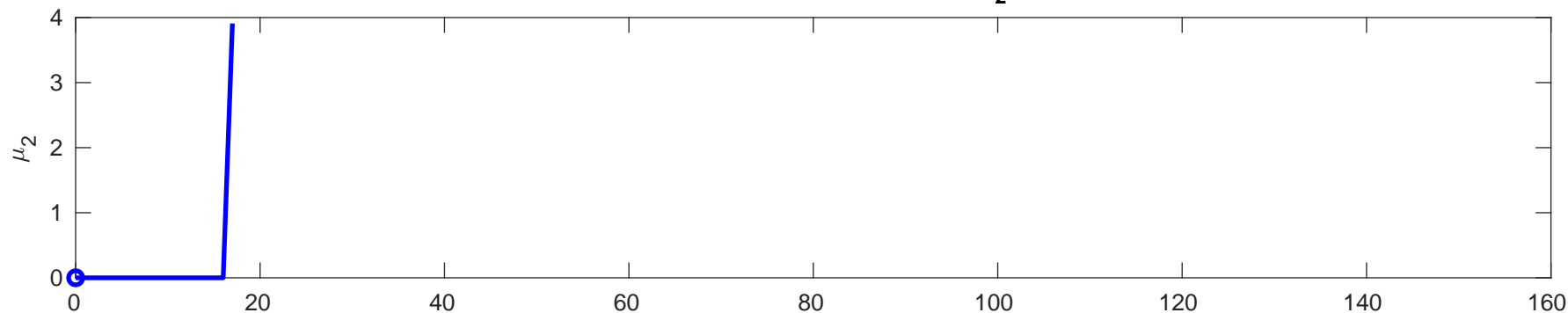
Posterior expectation of  $x$

3

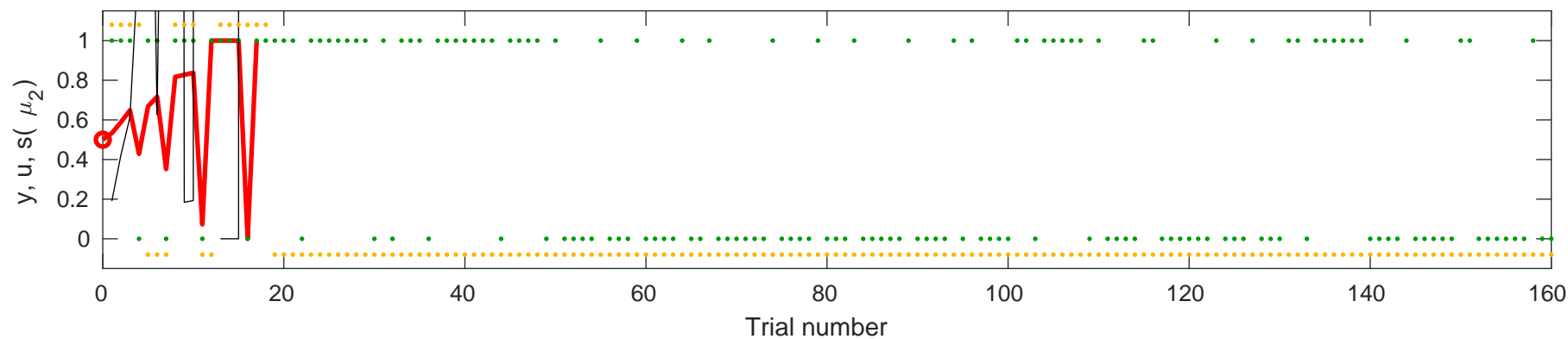


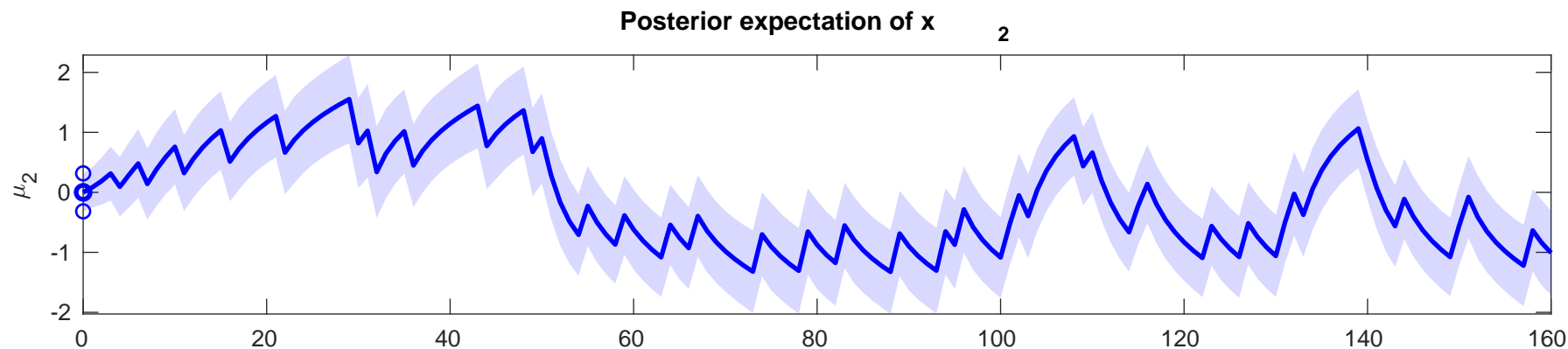
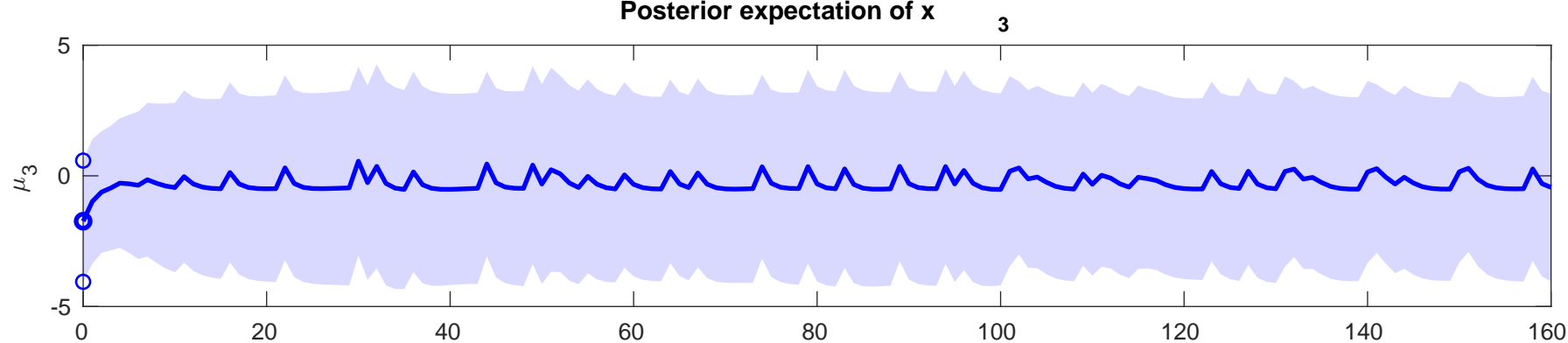
Posterior expectation of  $x$

2

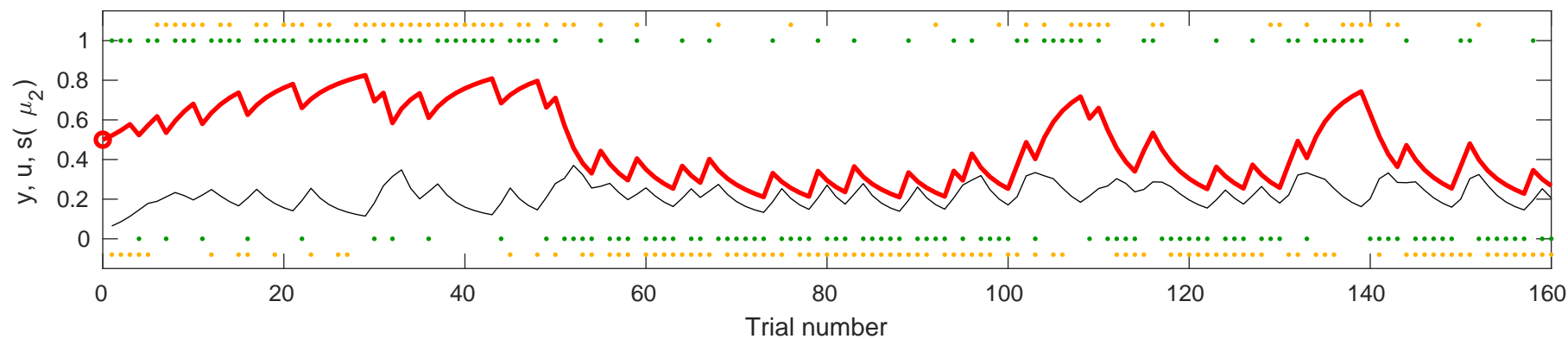


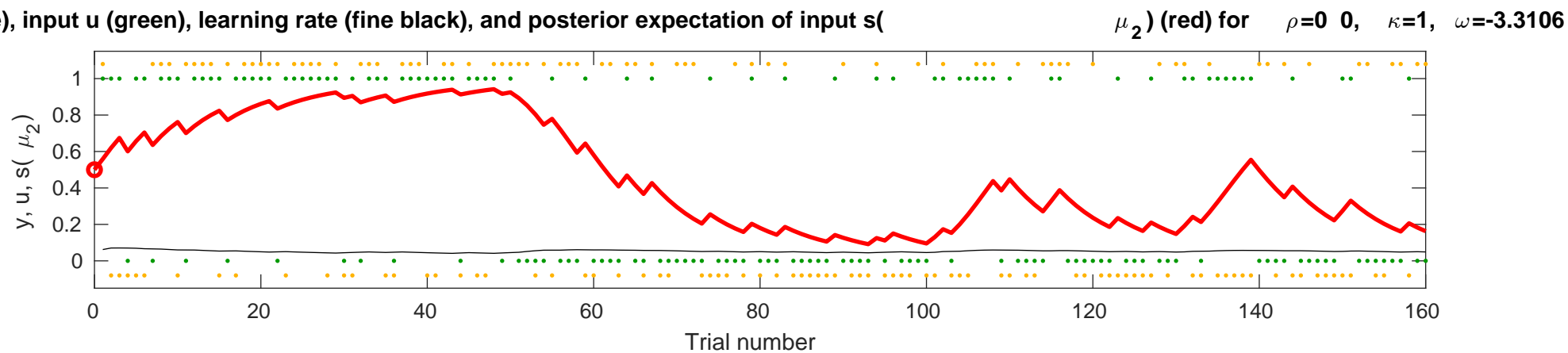
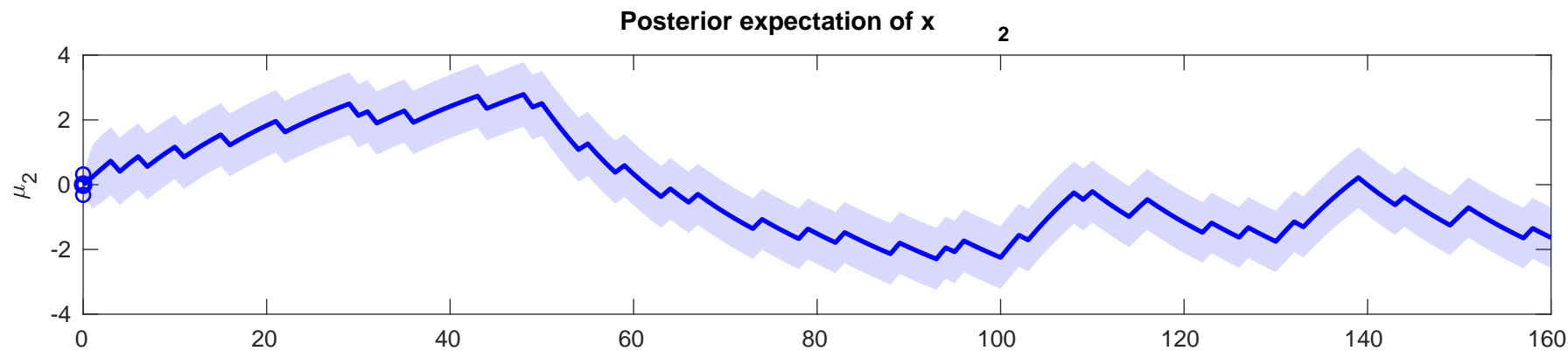
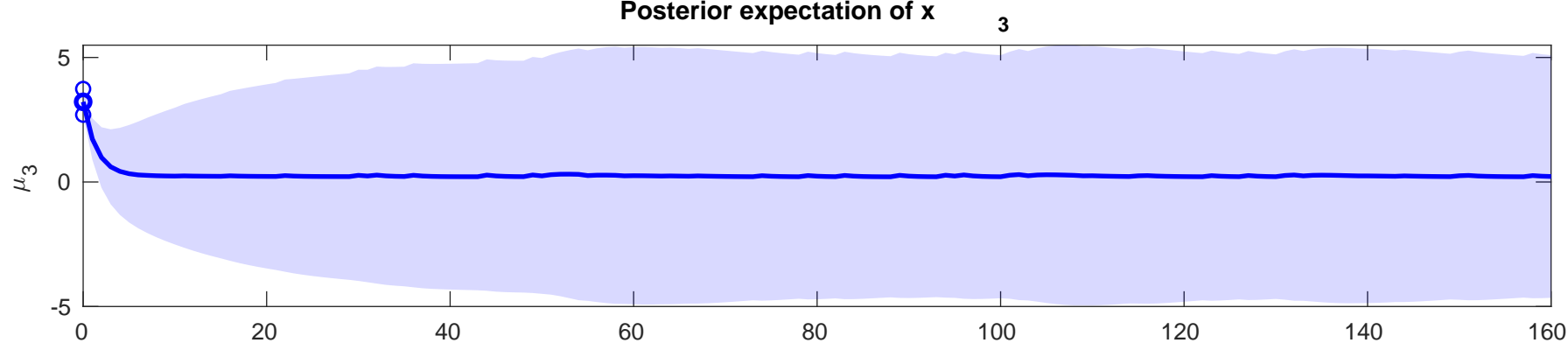
Plot of output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-2.2905$



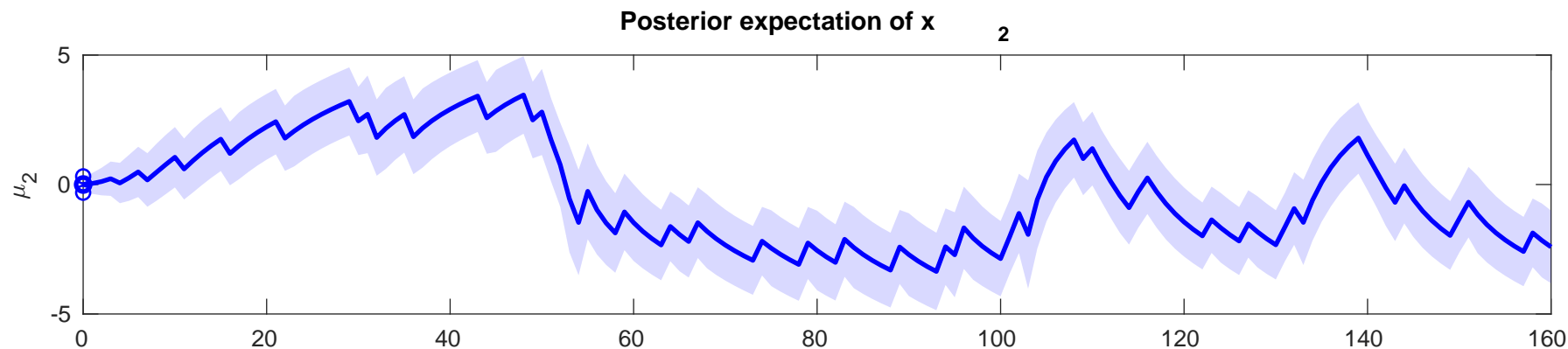
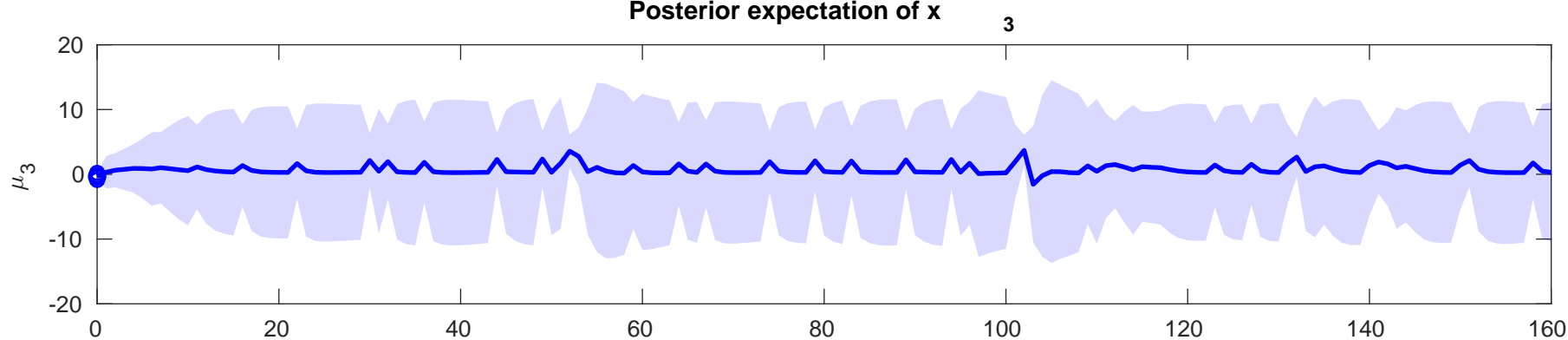


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.0194$

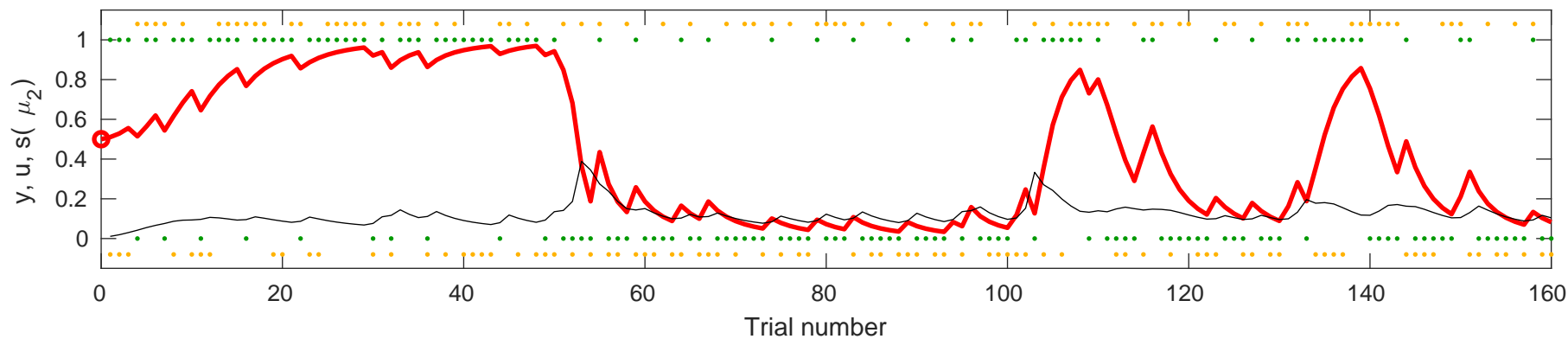


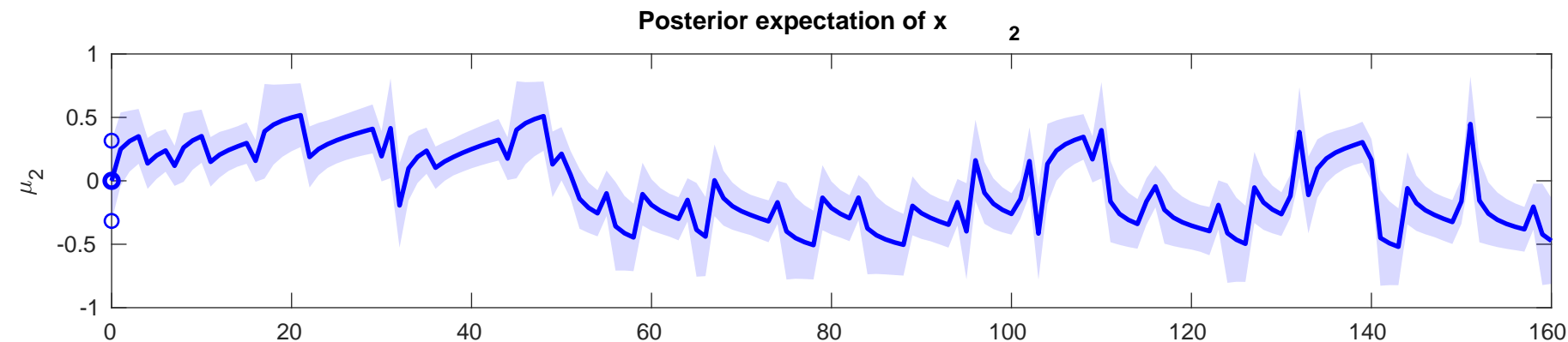
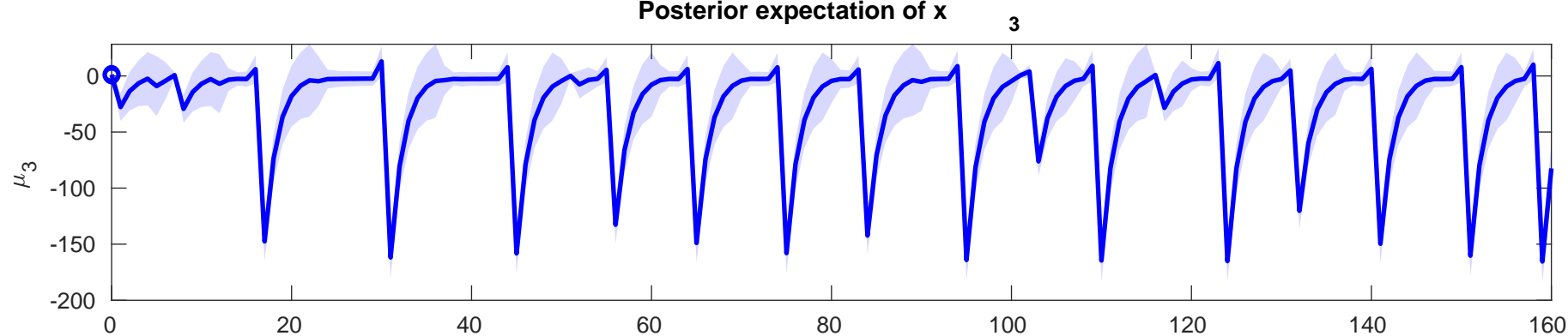




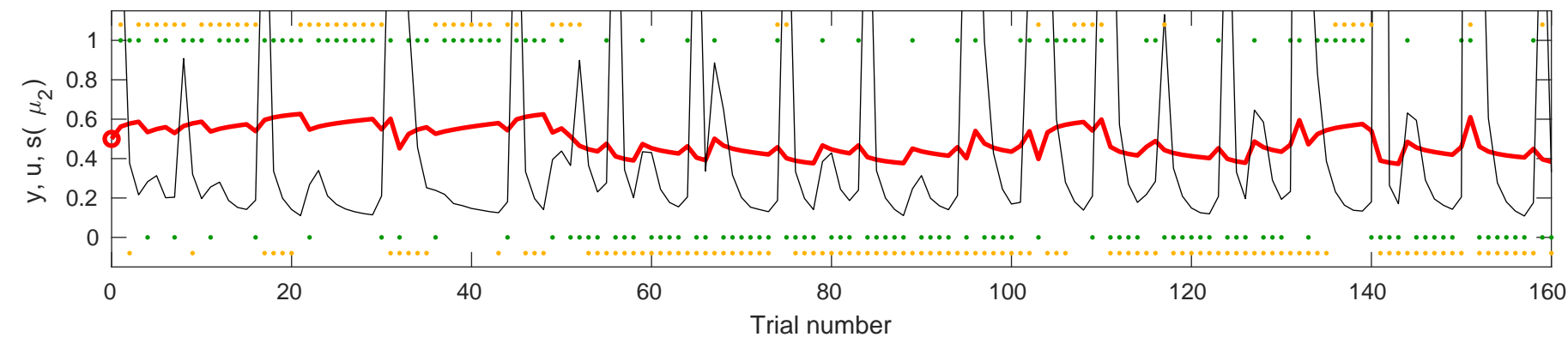


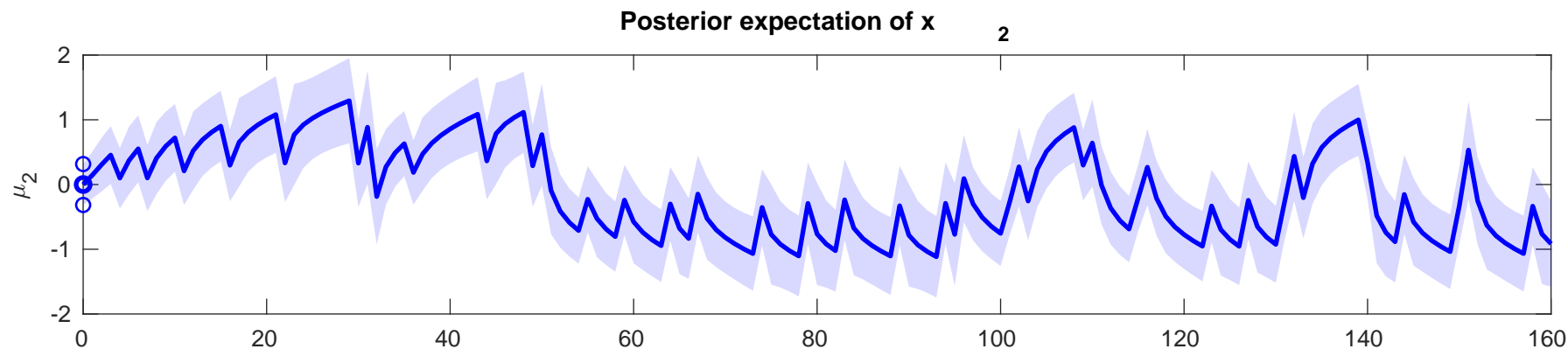
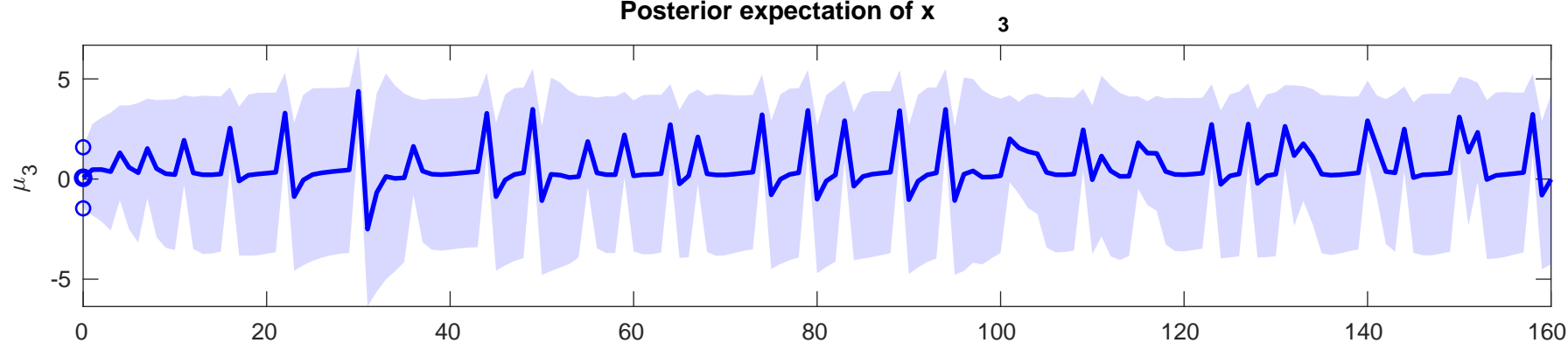
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.4008$



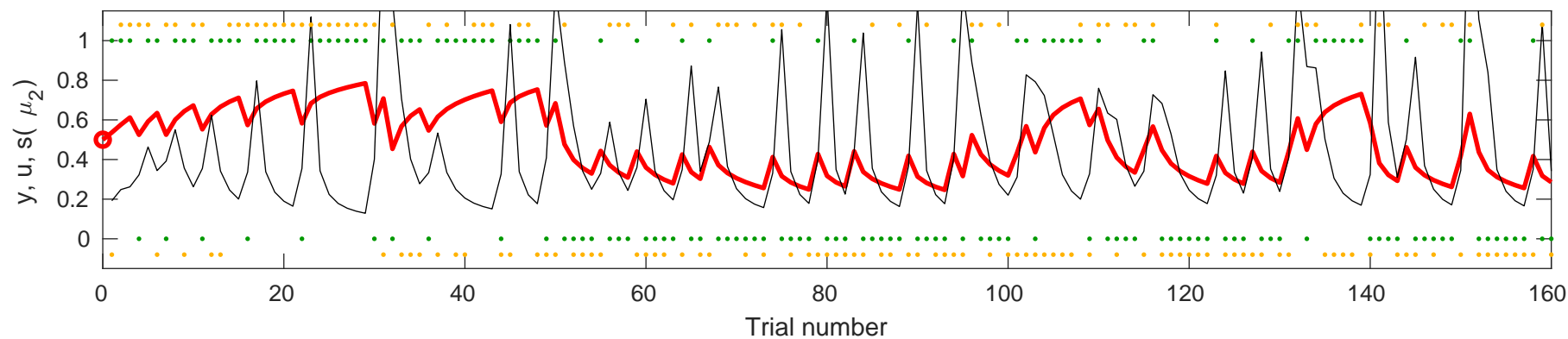


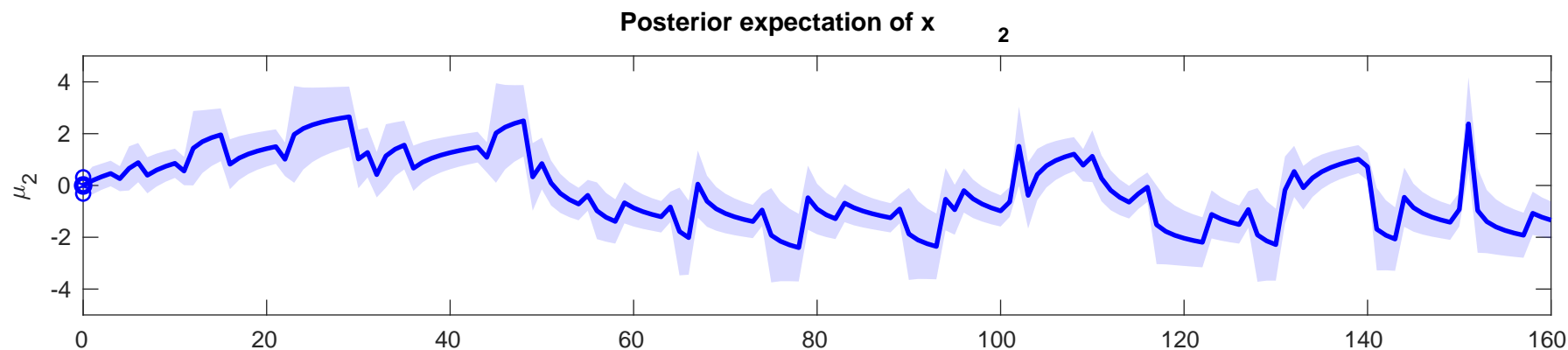
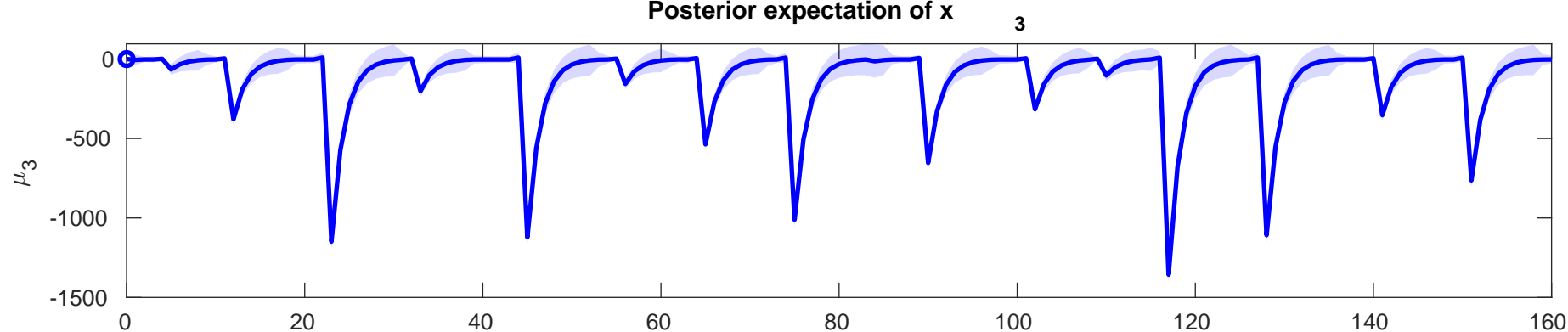
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.6454$



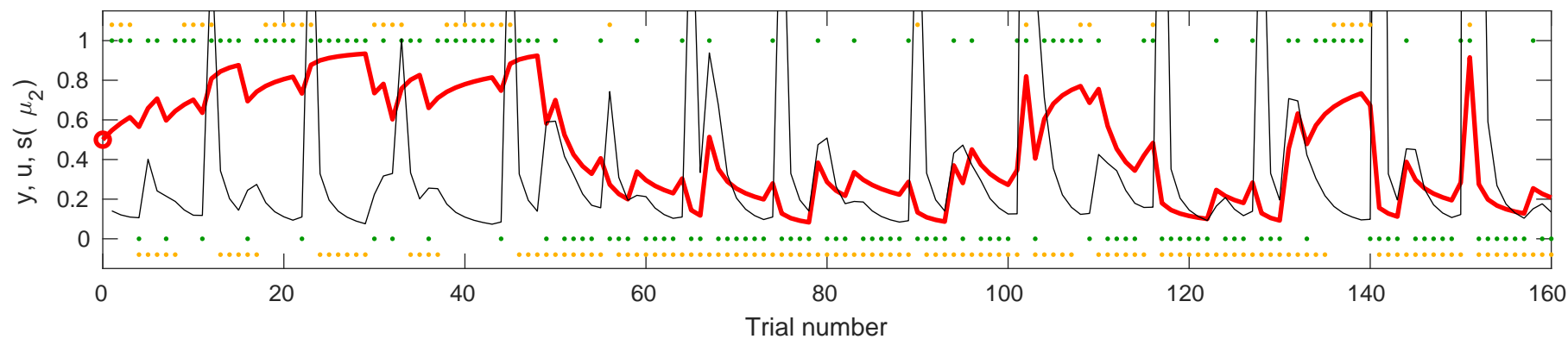


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.9369$



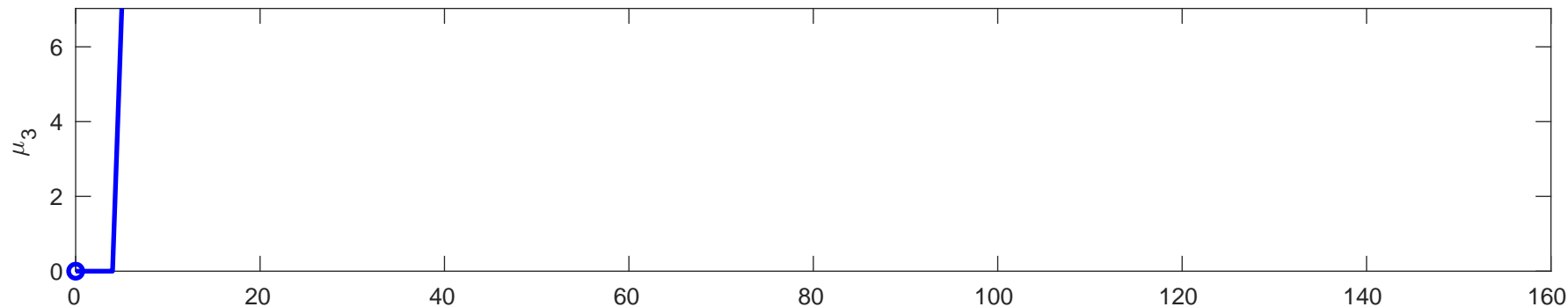


use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.215$



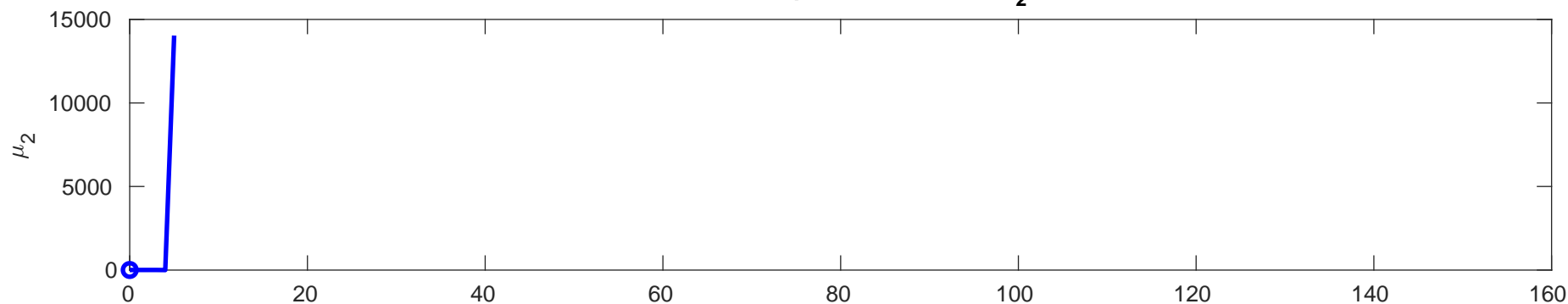
Posterior expectation of  $x$

3

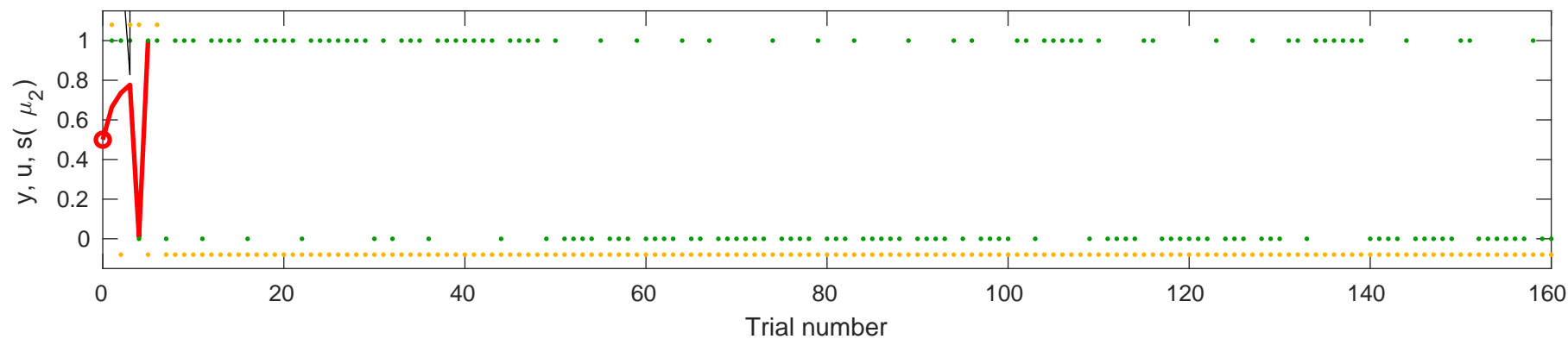


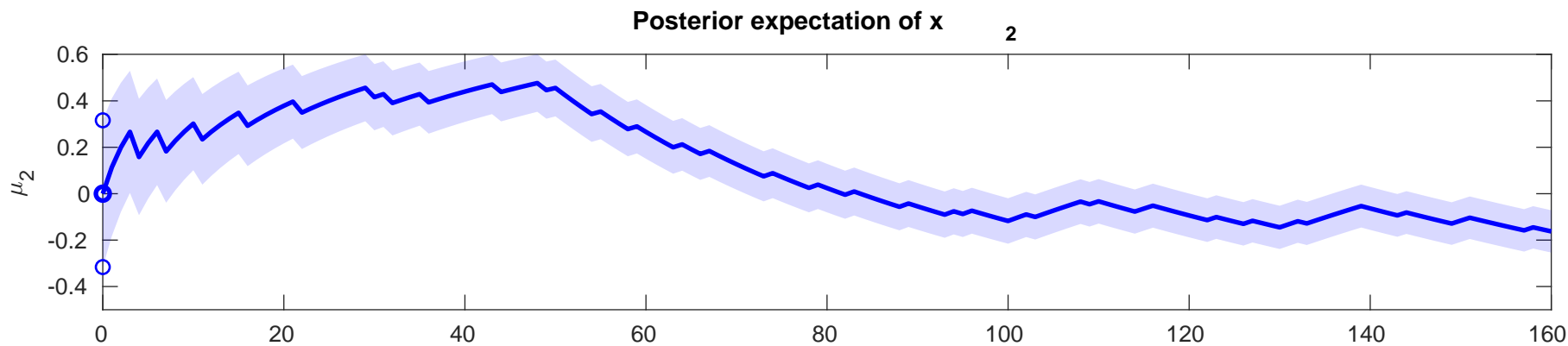
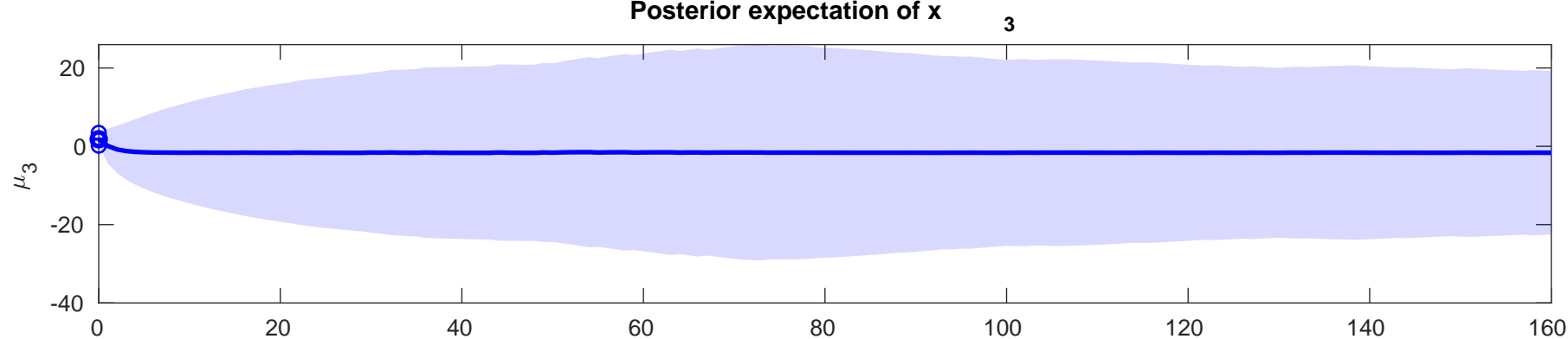
Posterior expectation of  $x$

2

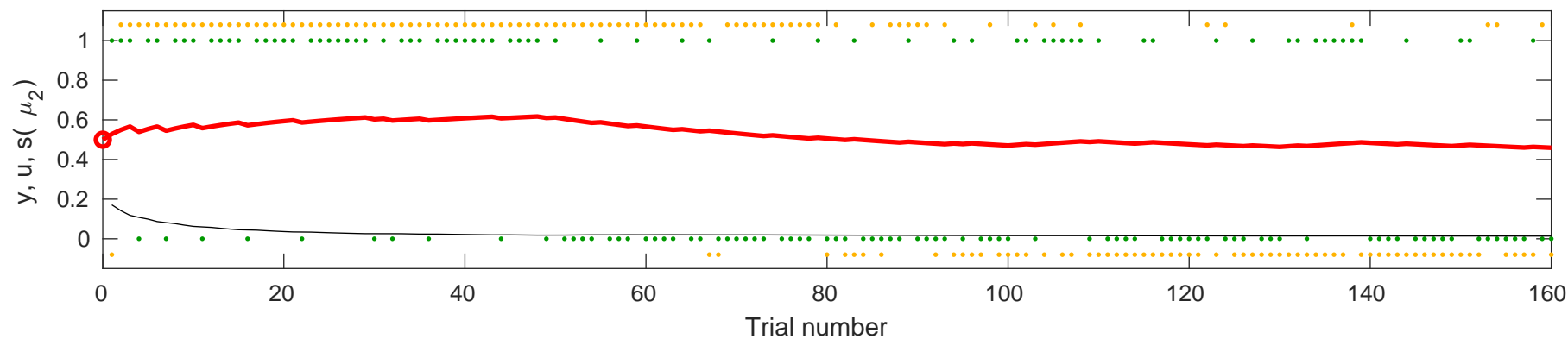


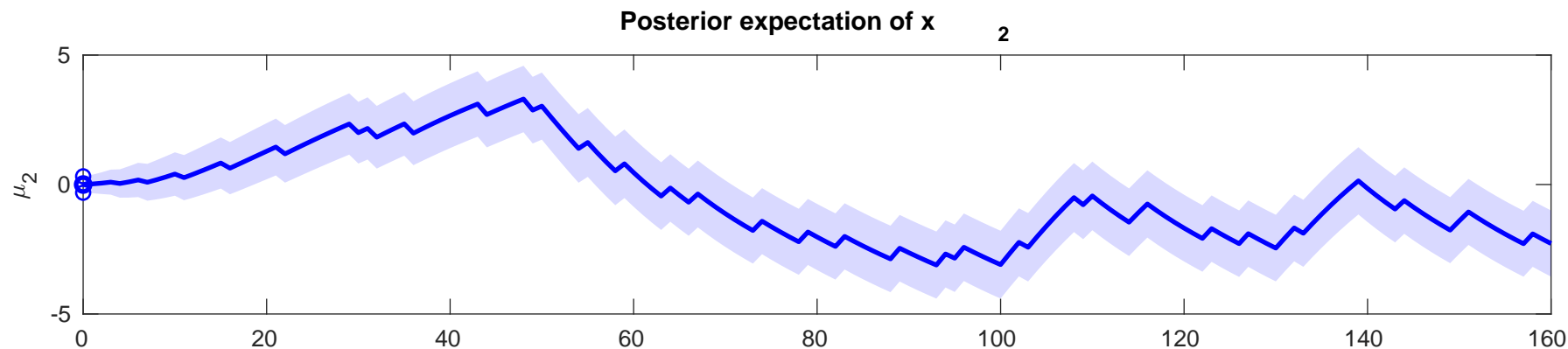
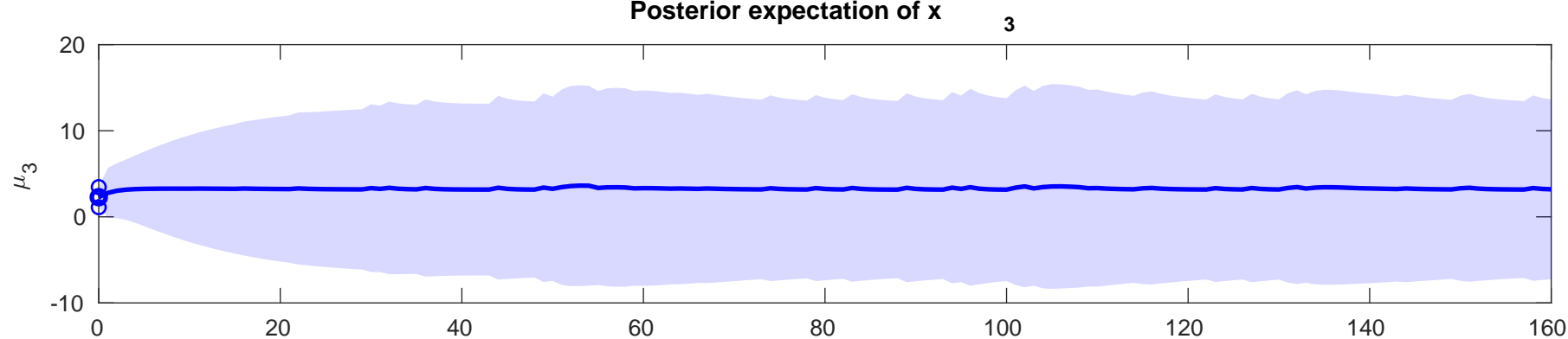
Plot of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=0.82572$



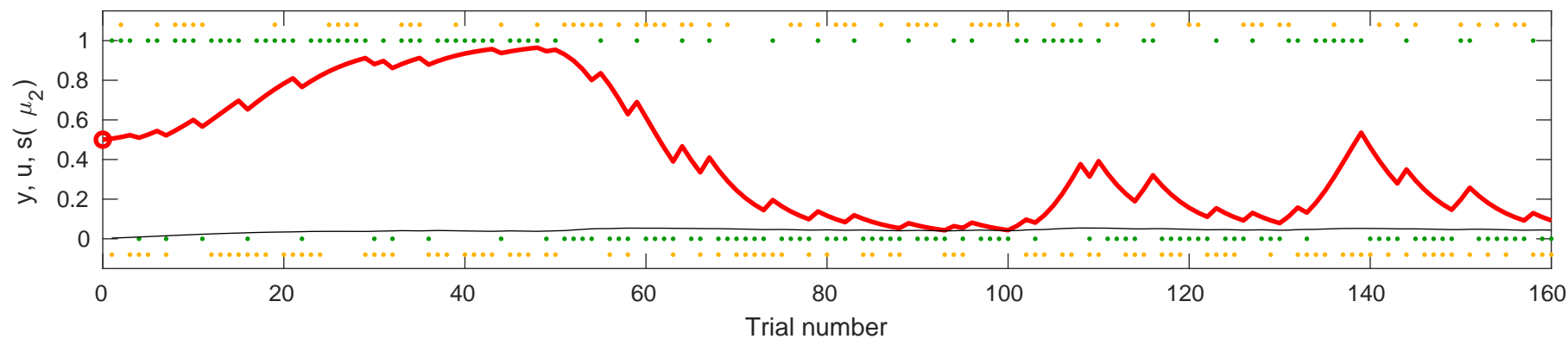


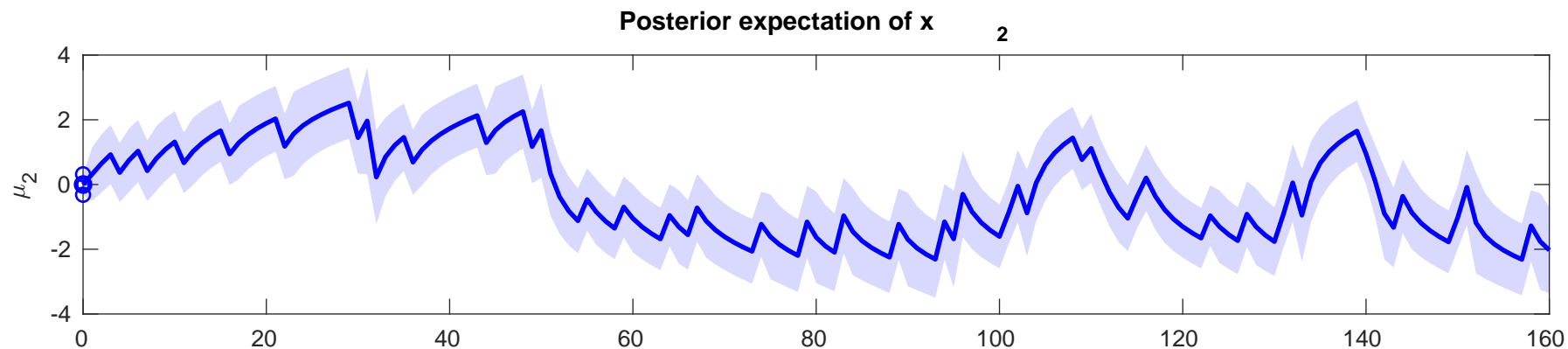
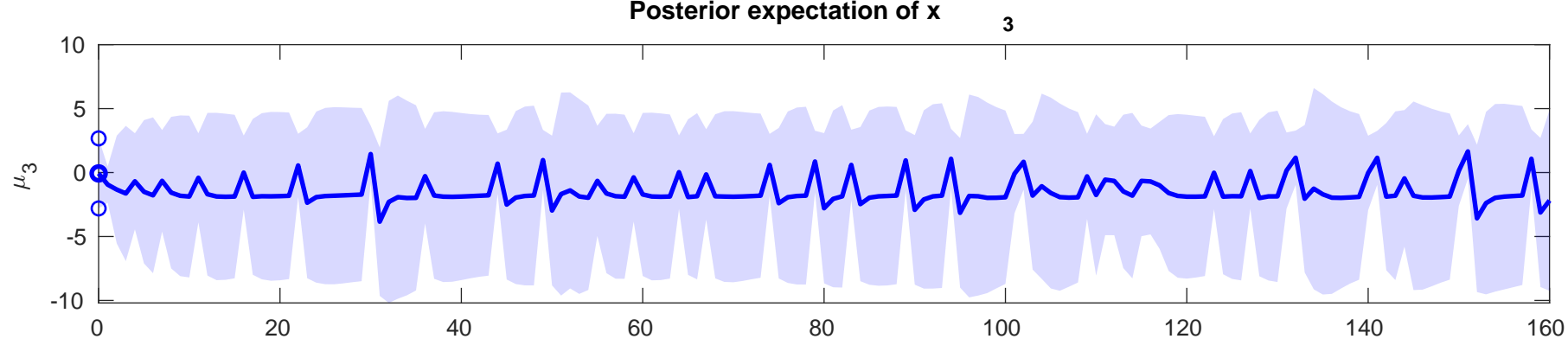
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-7.505$



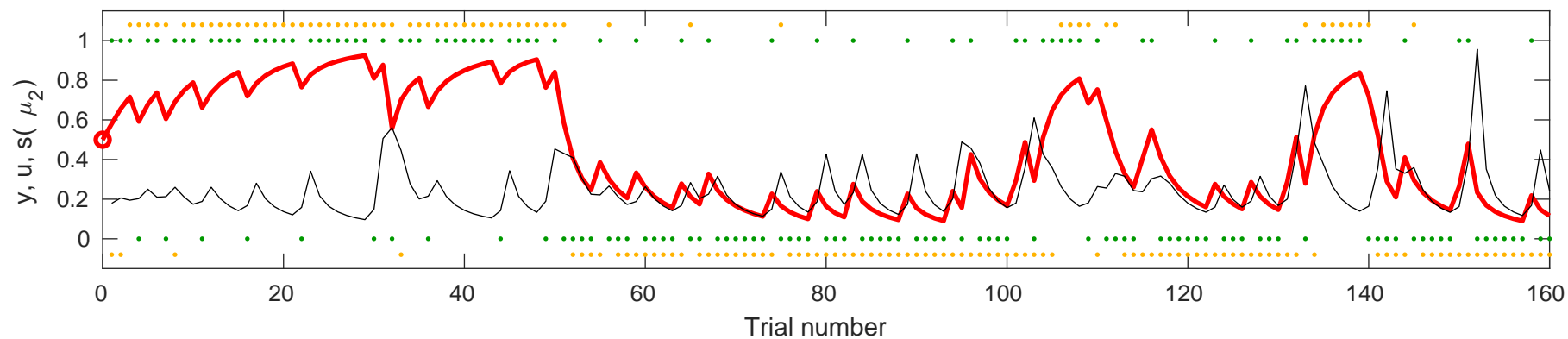


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.8309$

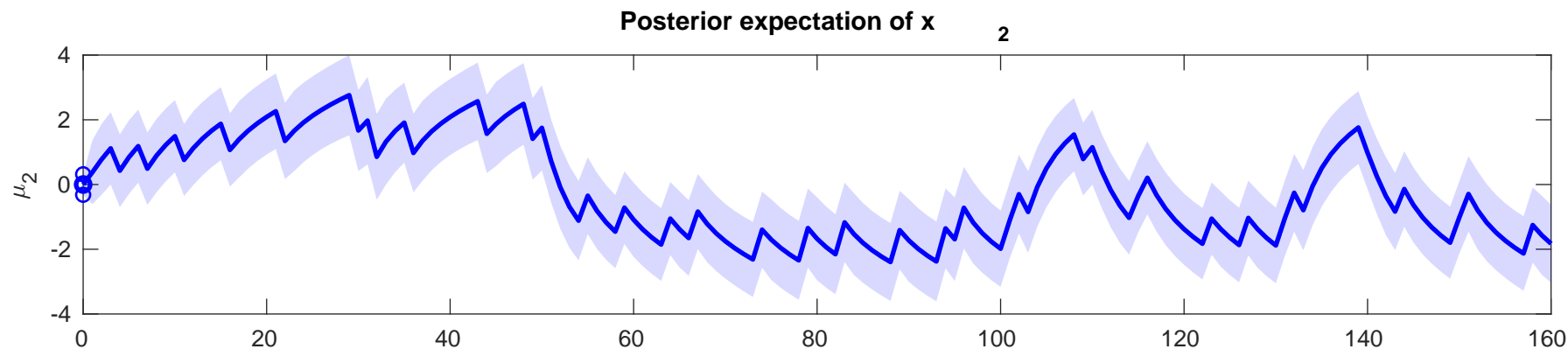
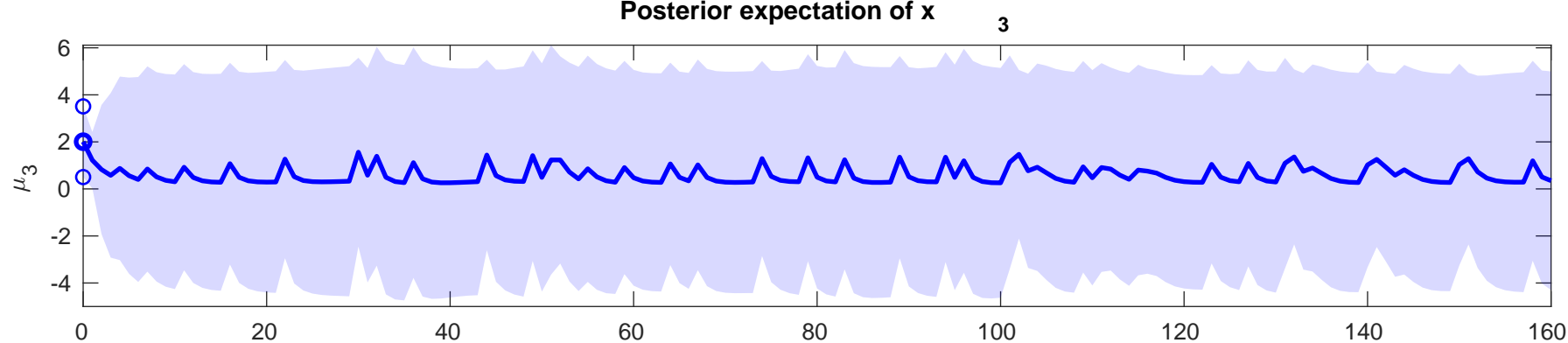




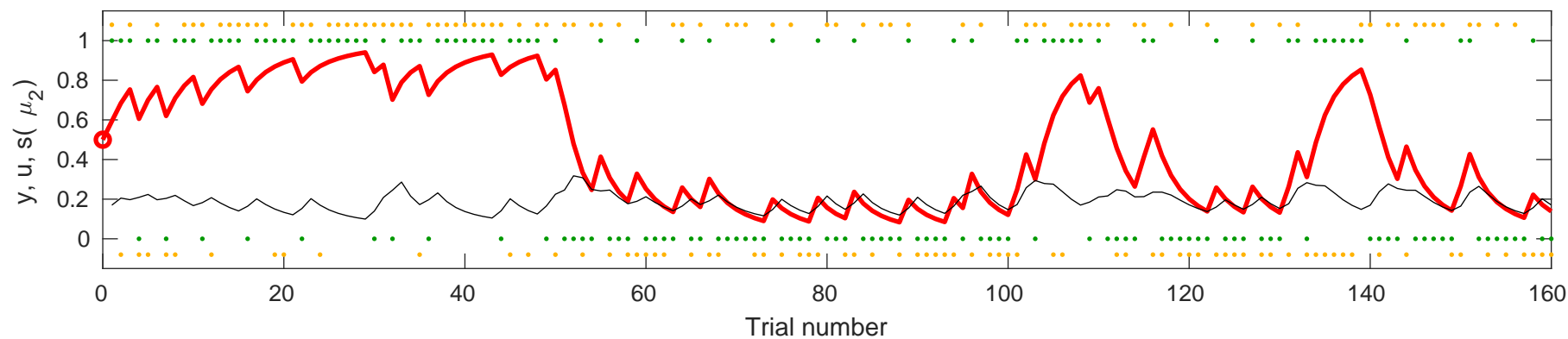
the  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-0.27734$





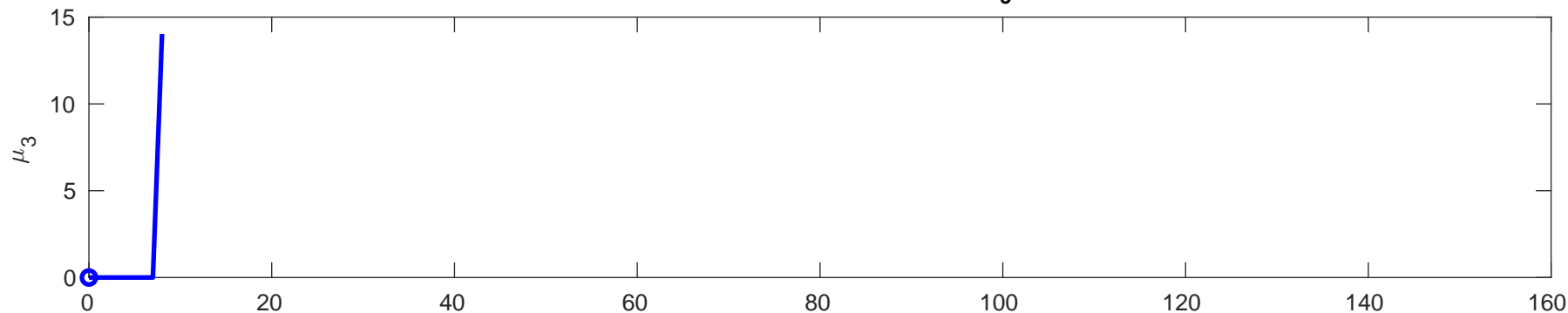


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-1.9661$



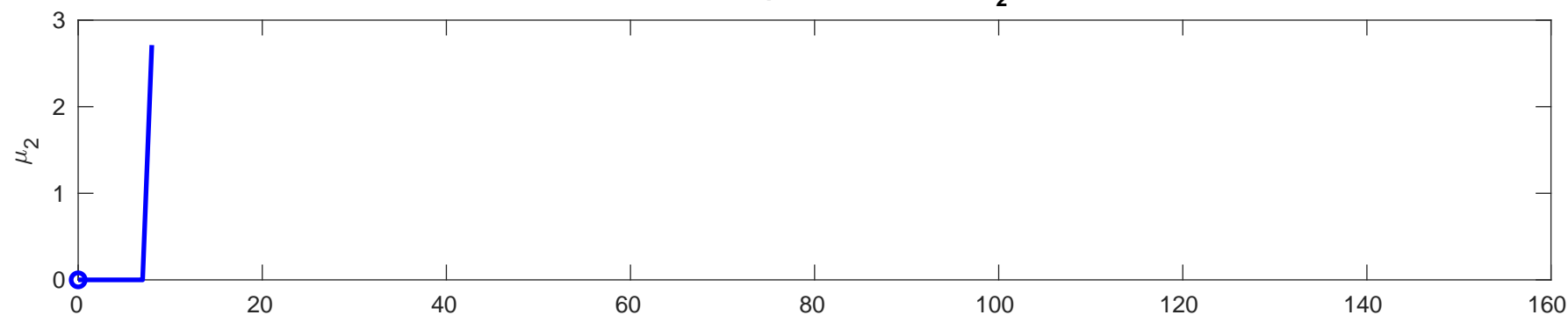
Posterior expectation of  $x$

3

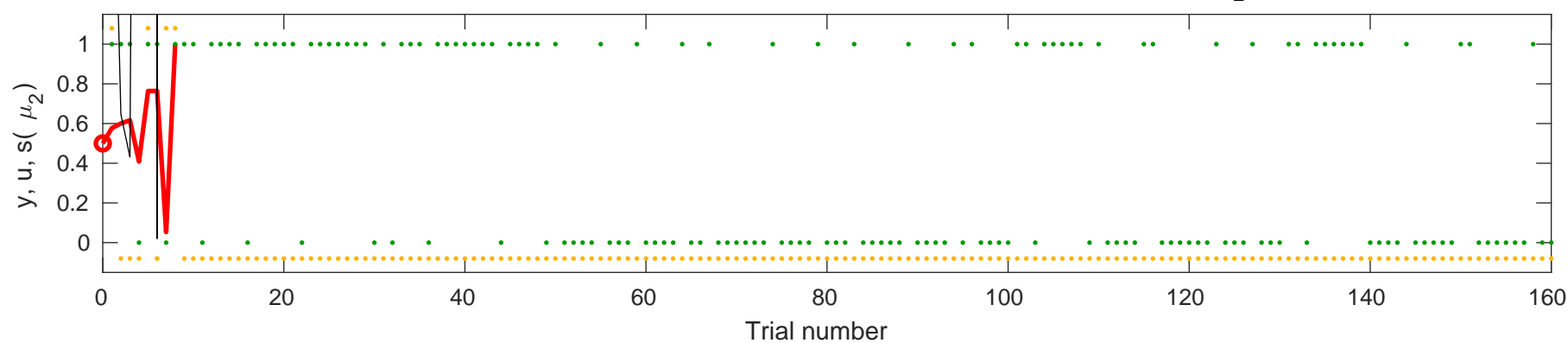


Posterior expectation of  $x$

2

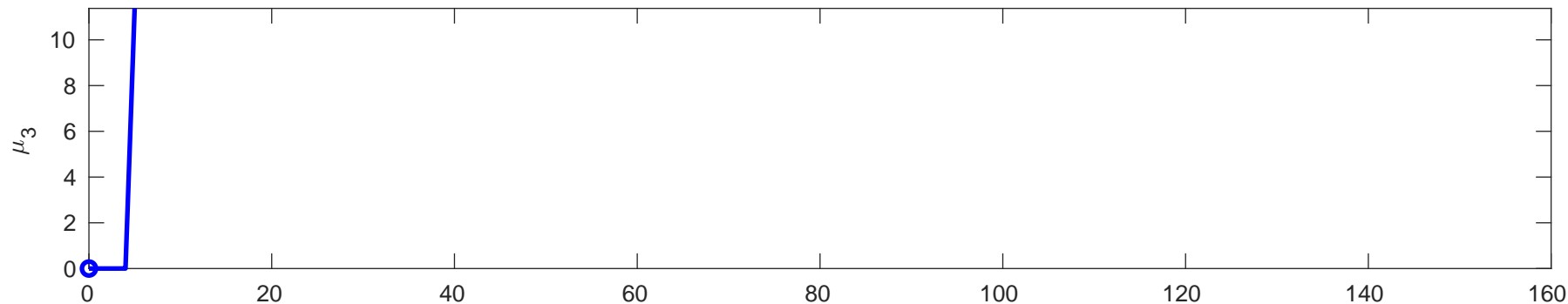


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-3.2703$



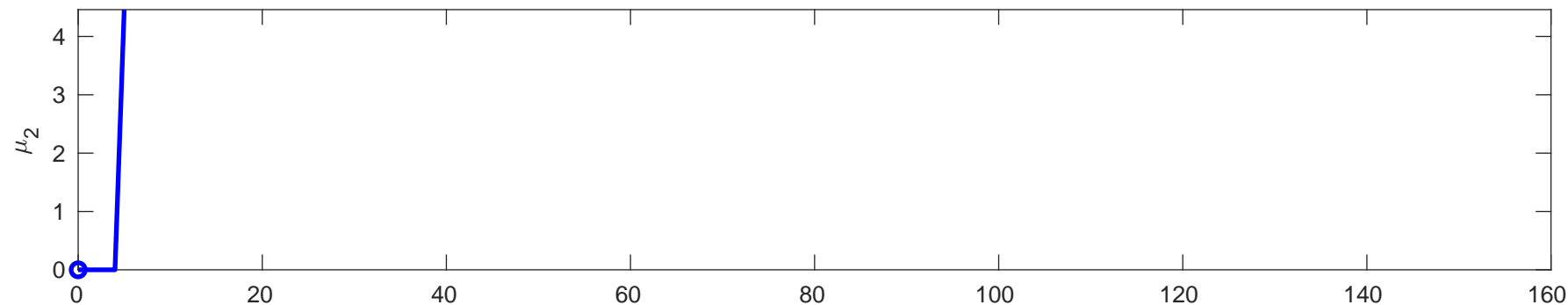
Posterior expectation of  $x$

3

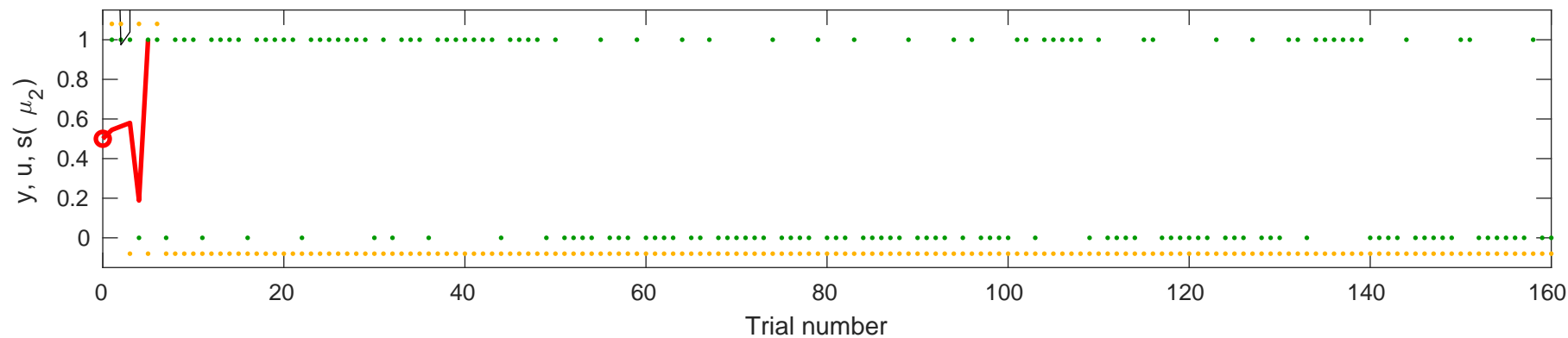


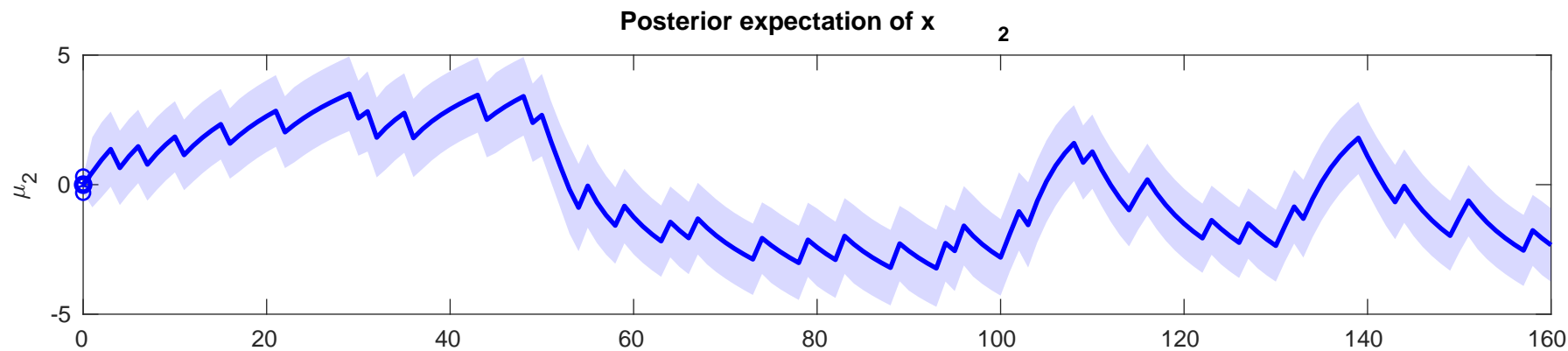
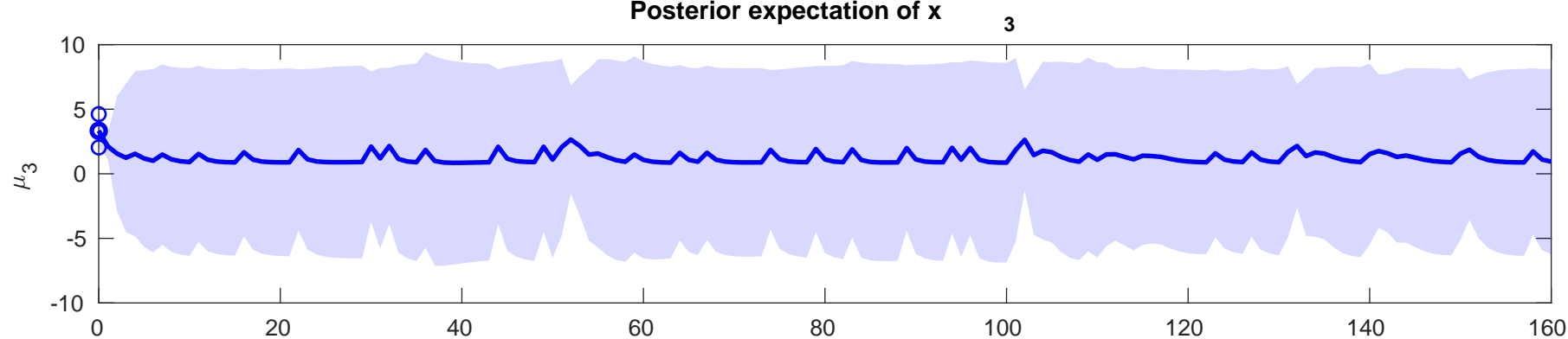
Posterior expectation of  $x$

2

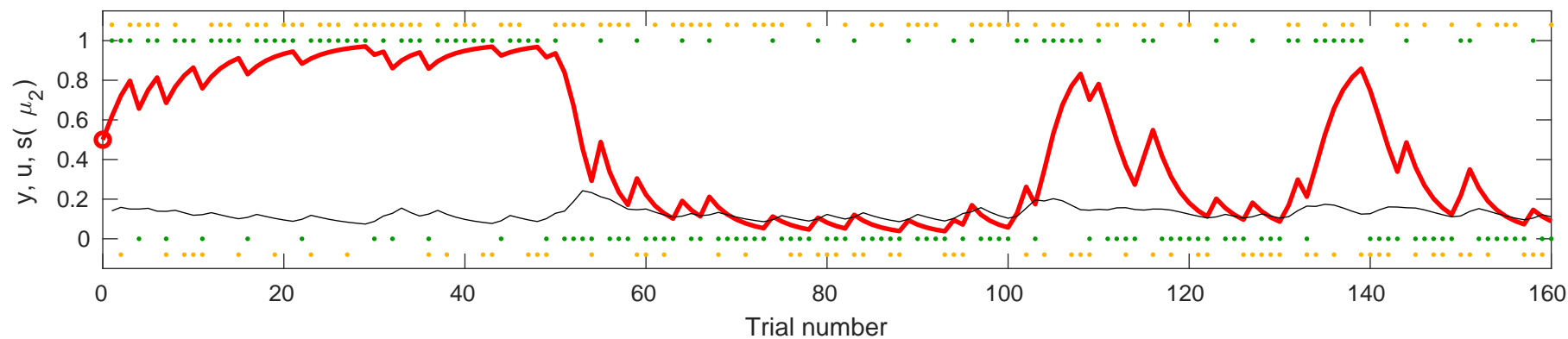


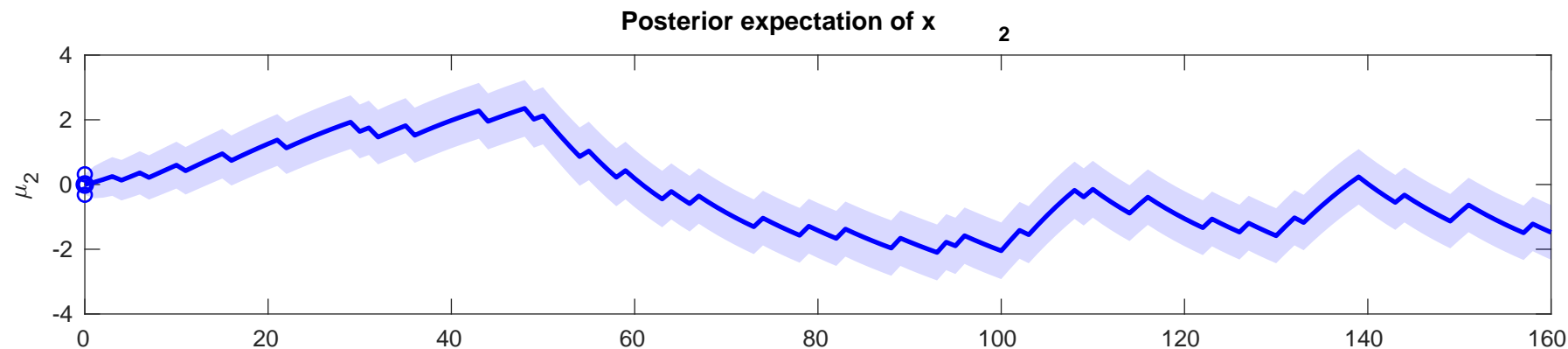
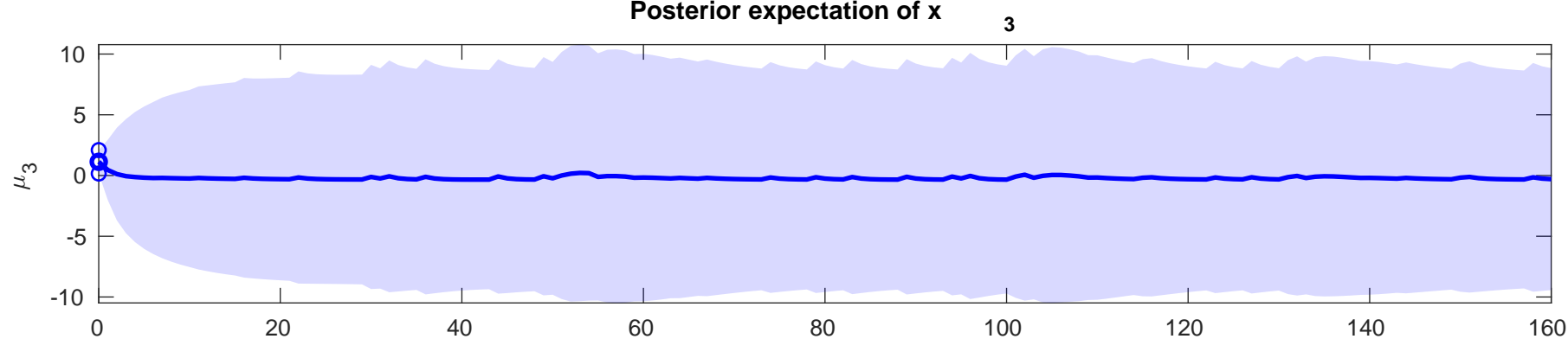
Output  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-0.46382$



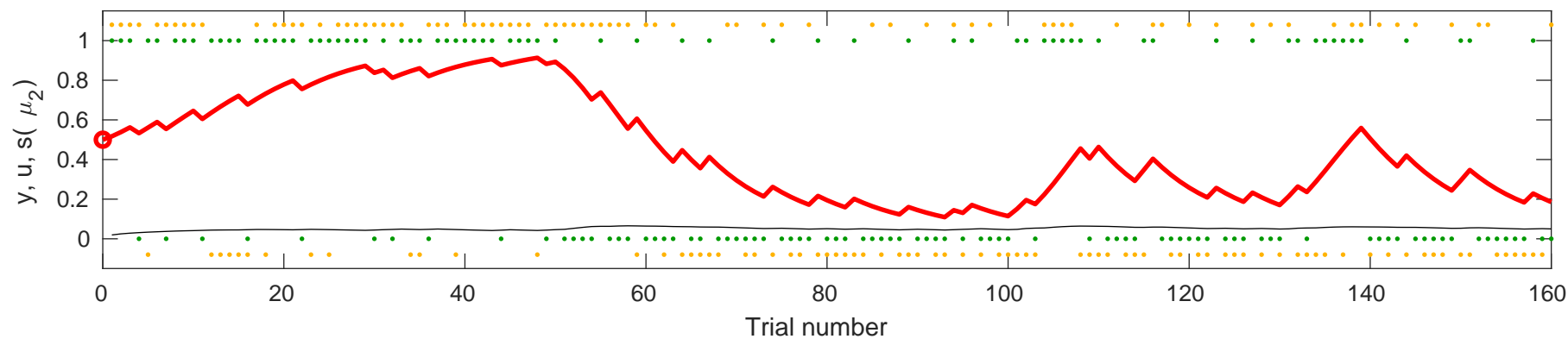


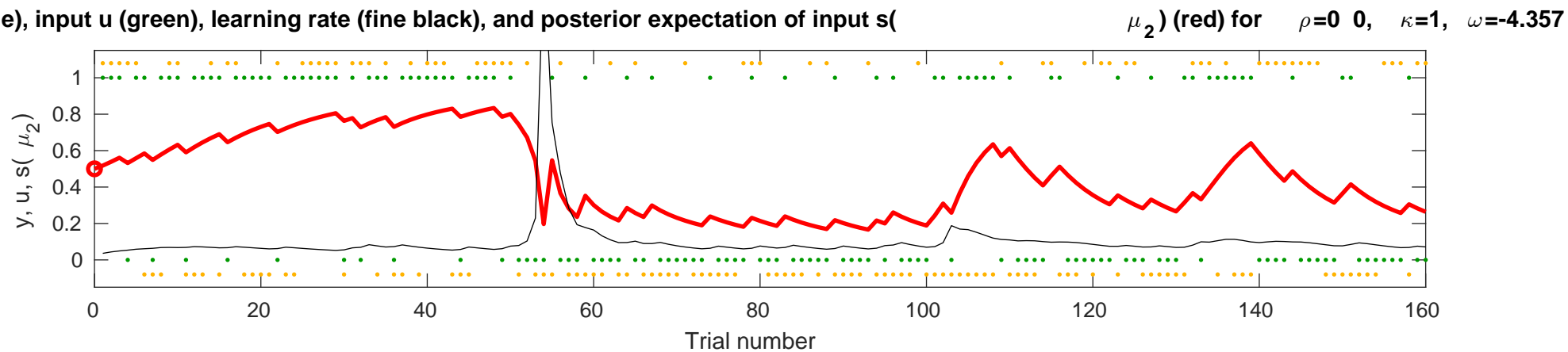
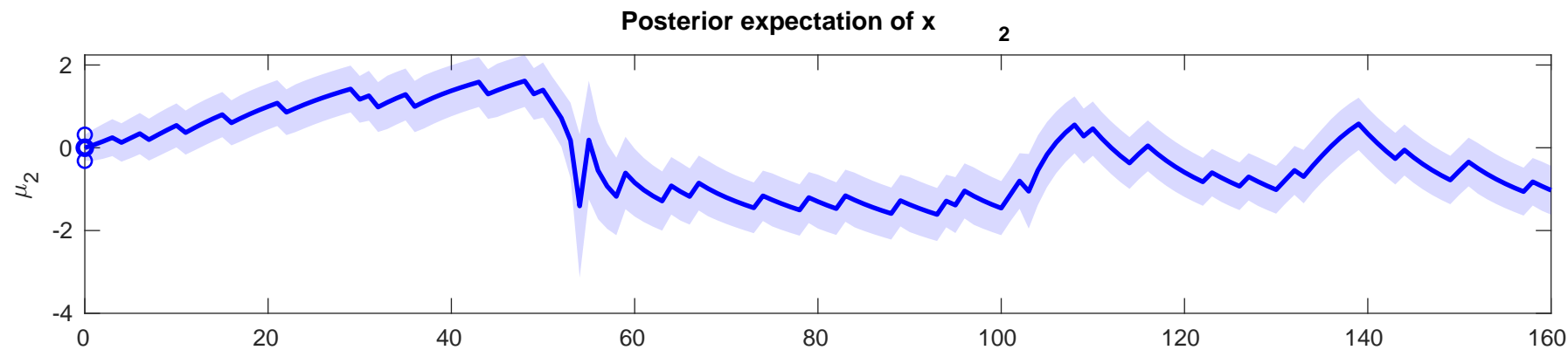
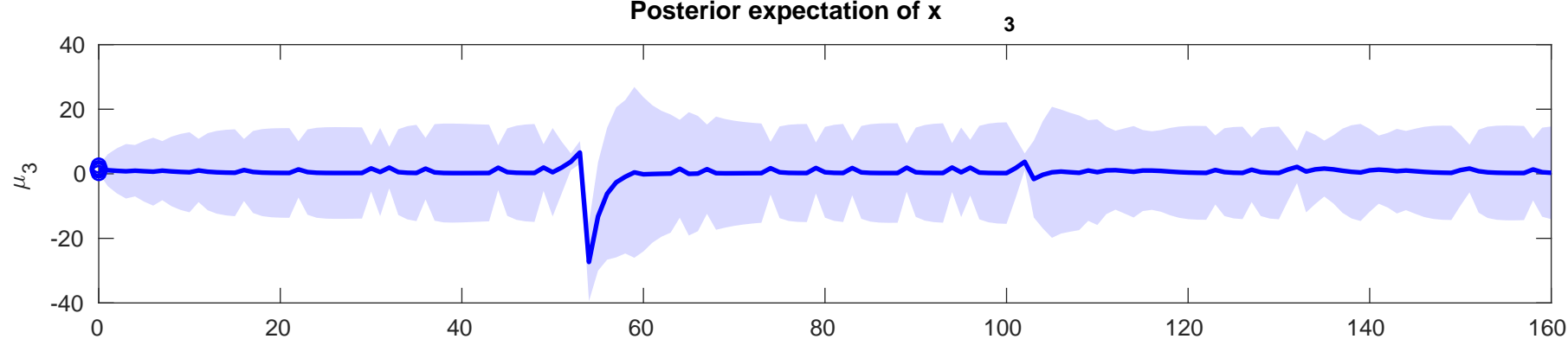
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.6414$



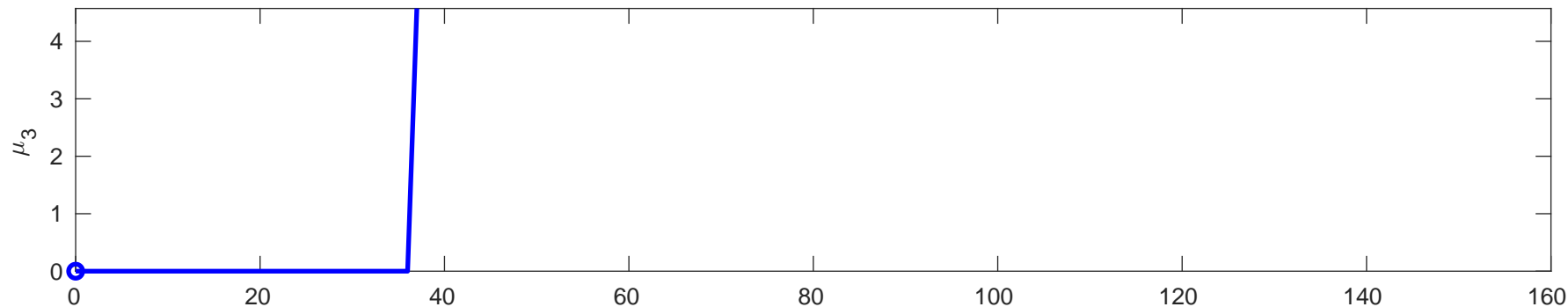


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.0257$

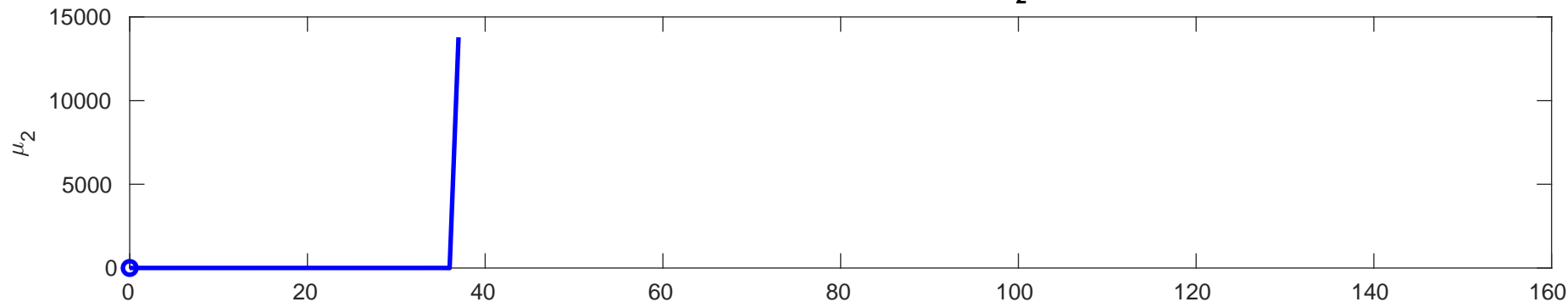




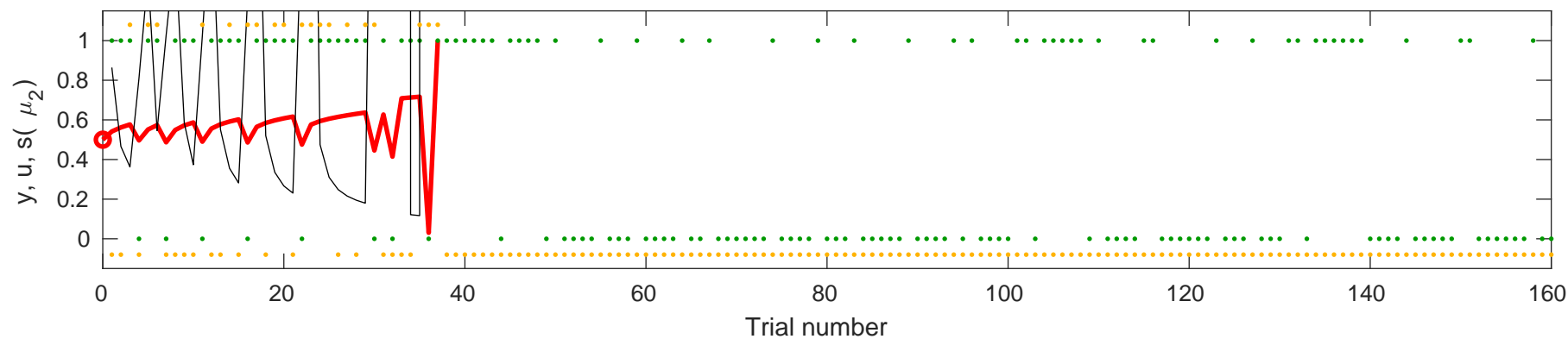
Posterior expectation of  $x$  **3**

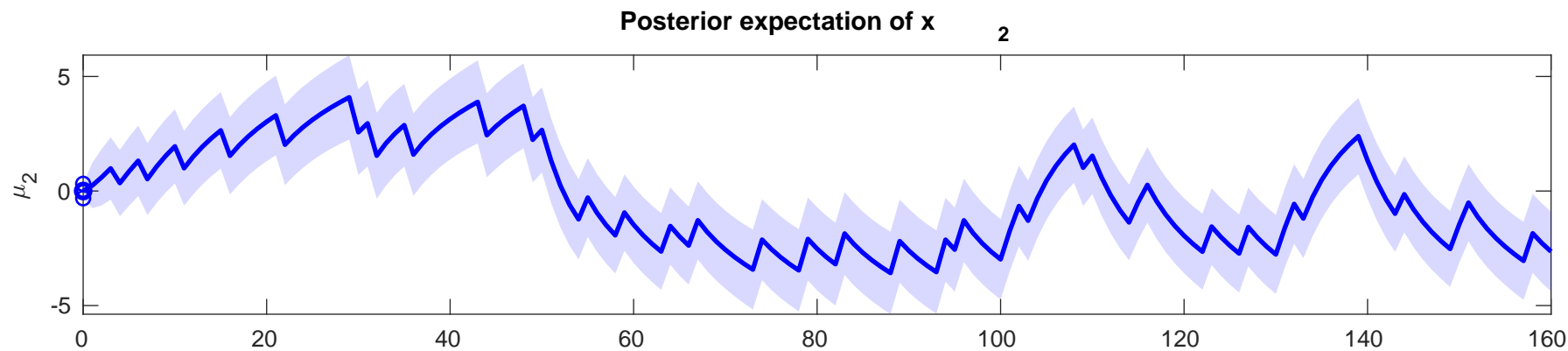
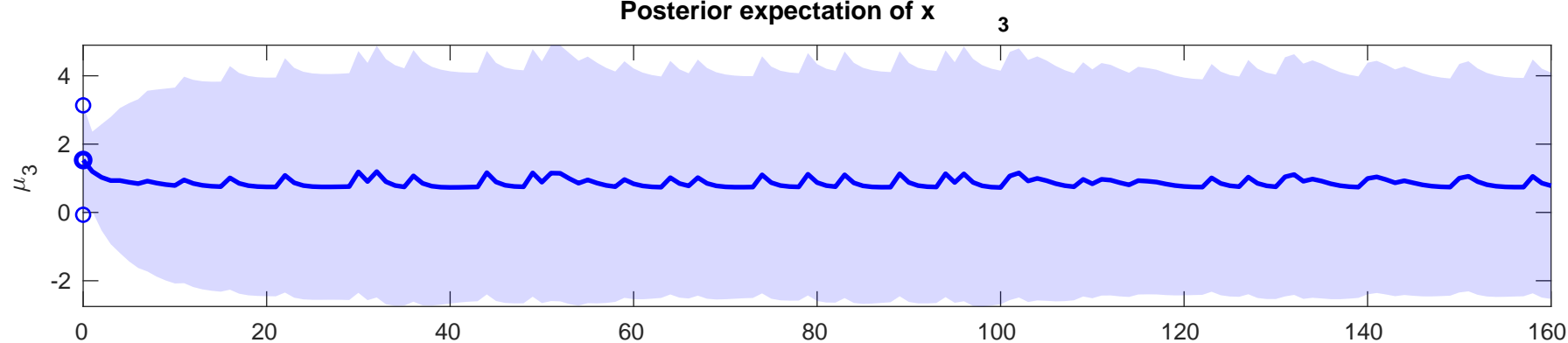


Posterior expectation of  $x$  **2**

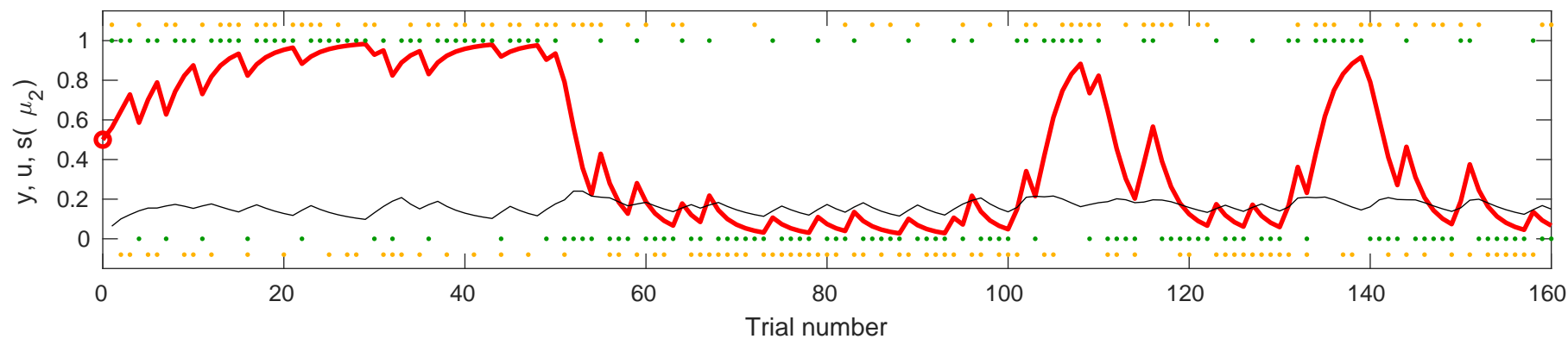


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.7665$

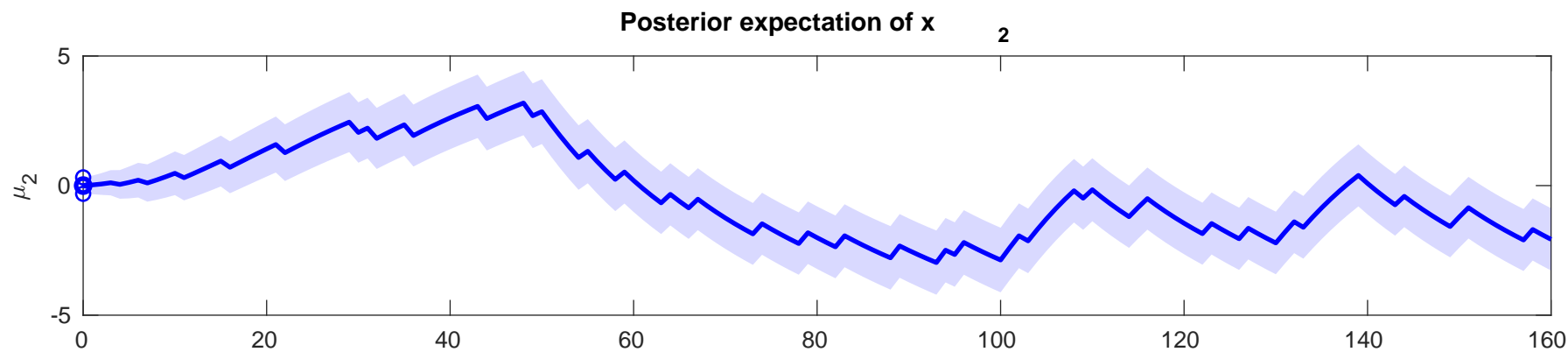
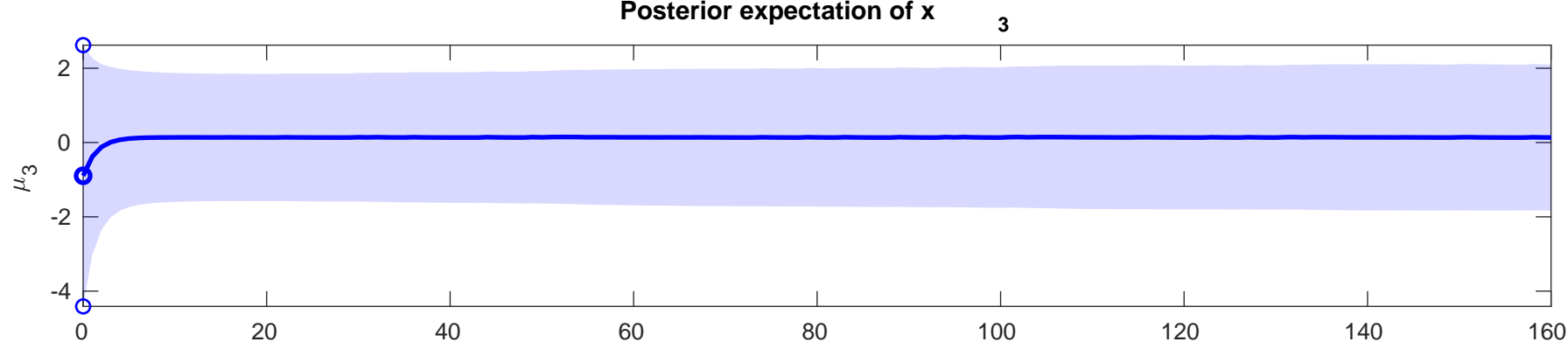




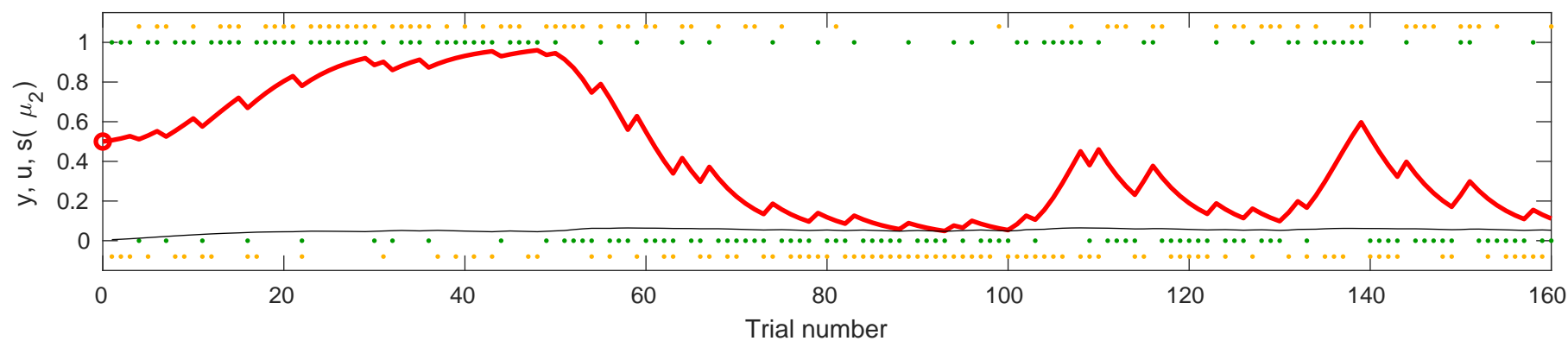
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0.0$ ,  $\kappa=1$ ,  $\omega=-1.5833$

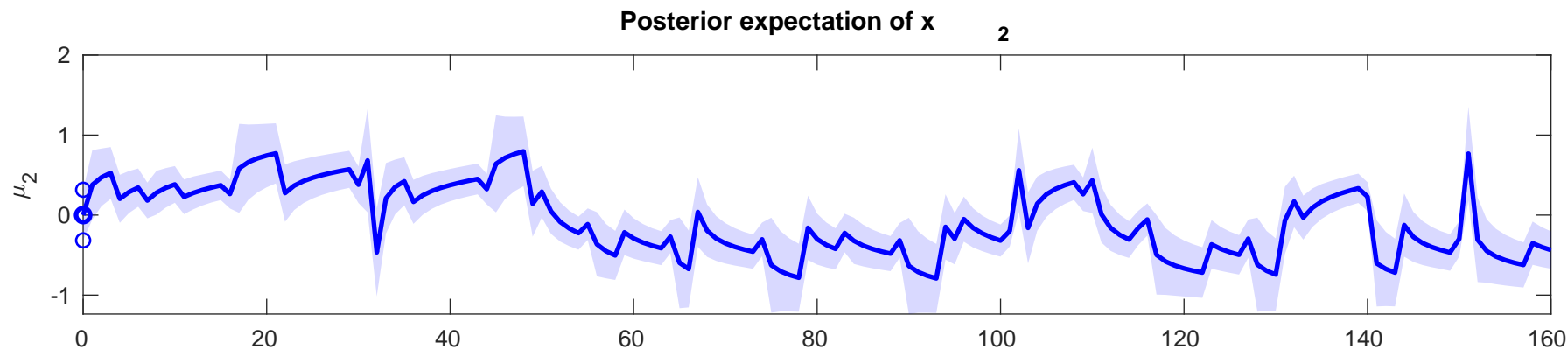
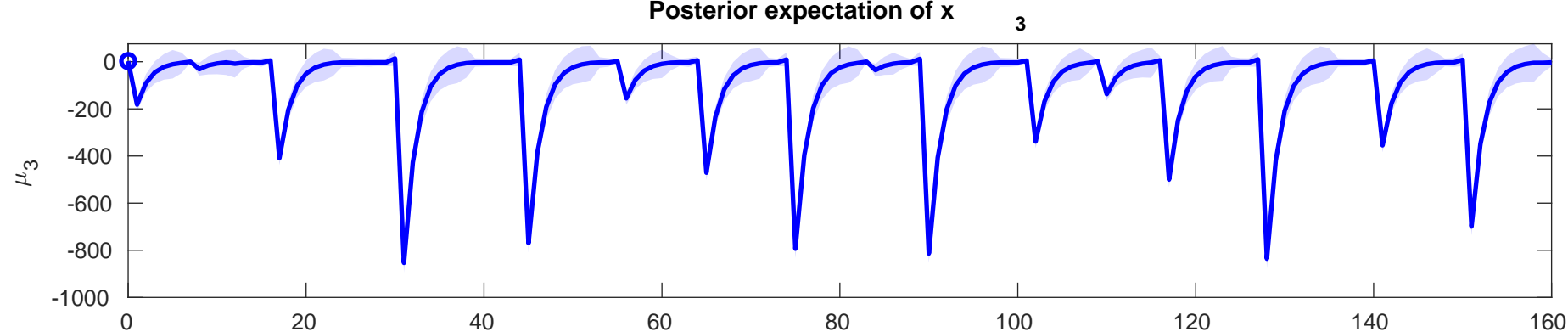




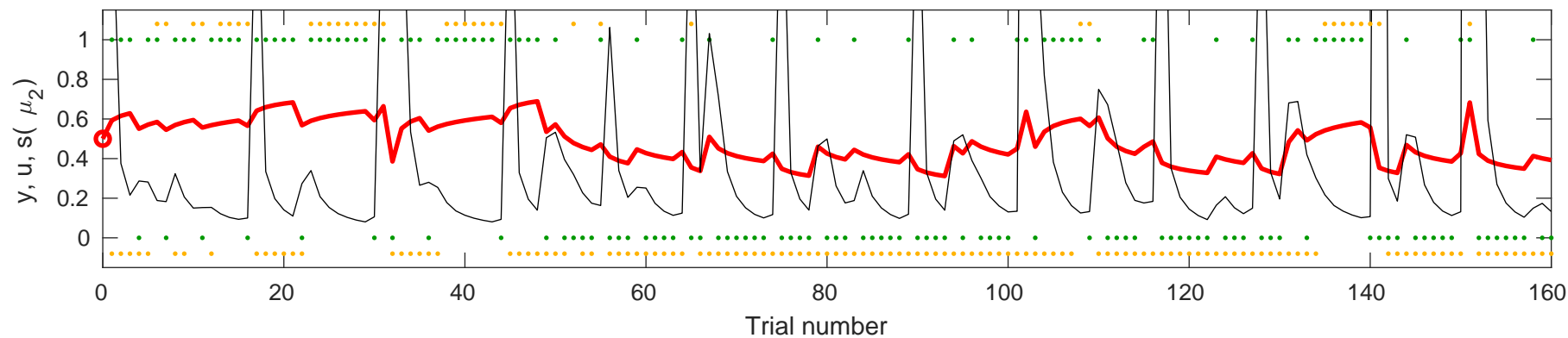


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.6361$



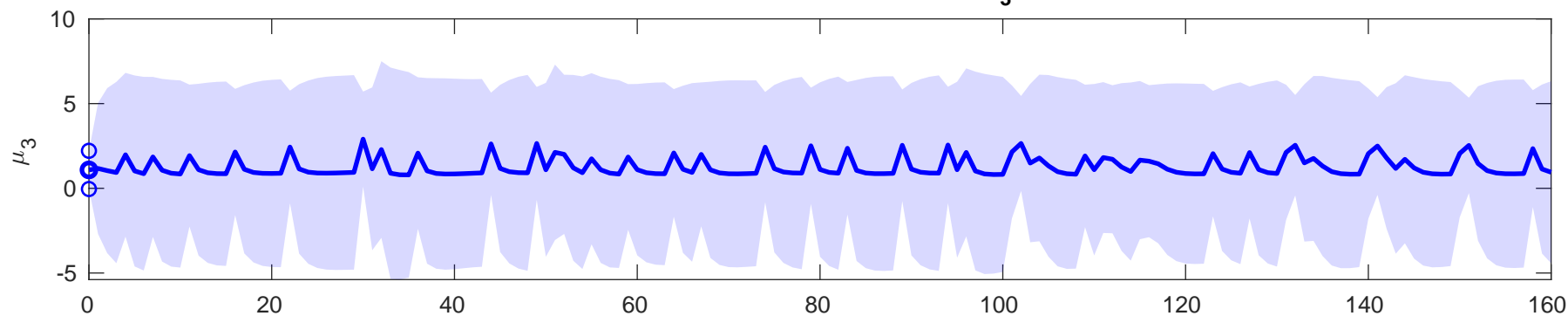


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.0512$

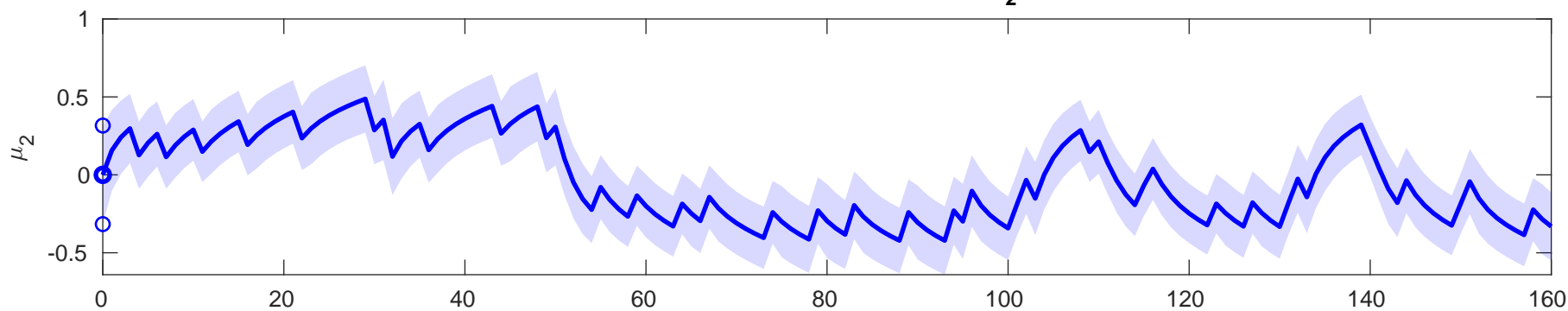


Posterior expectation of  $x$ 

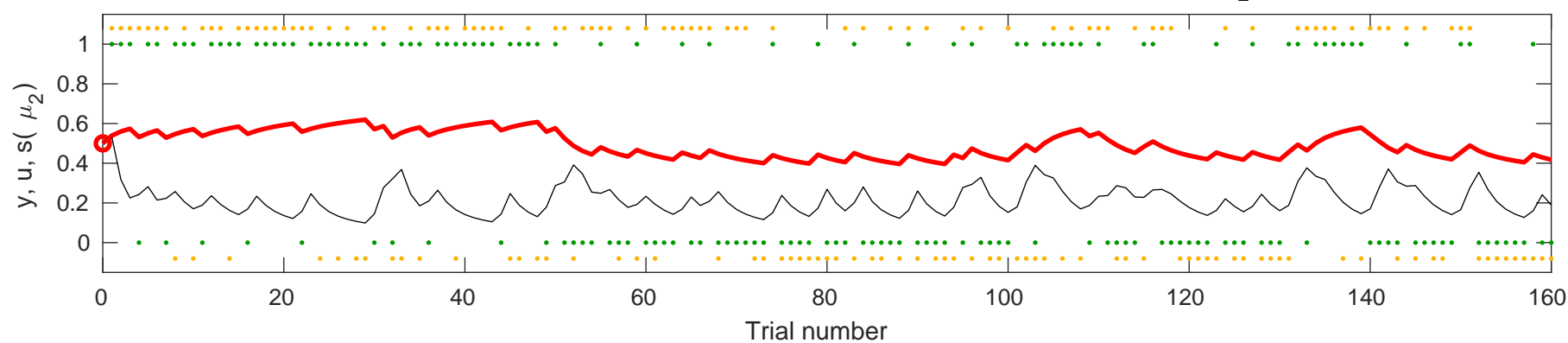
3

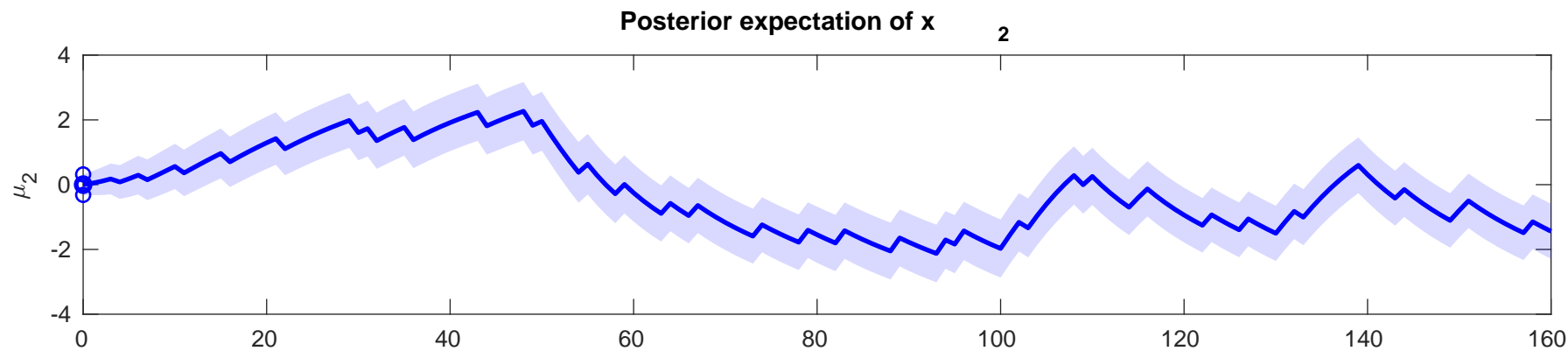
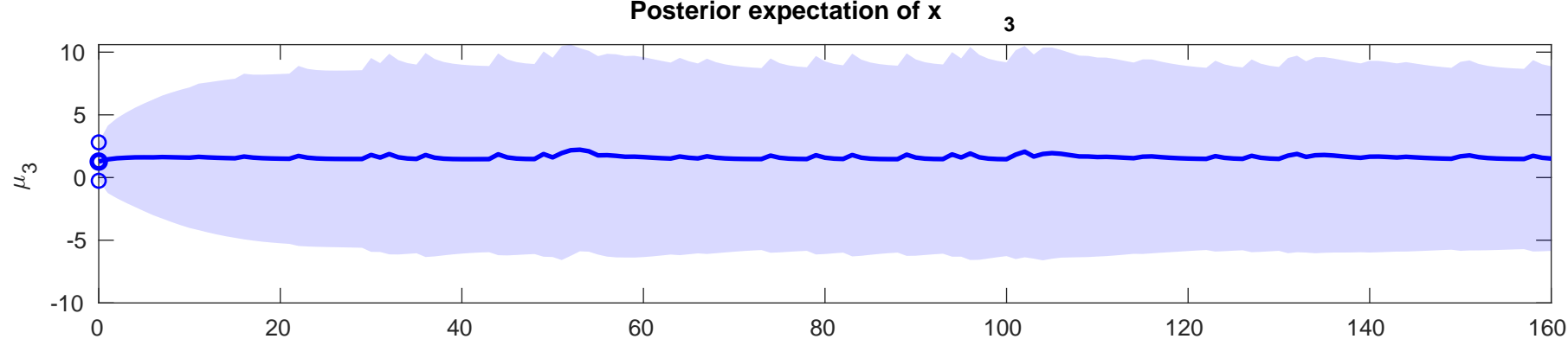
Posterior expectation of  $x$ 

2

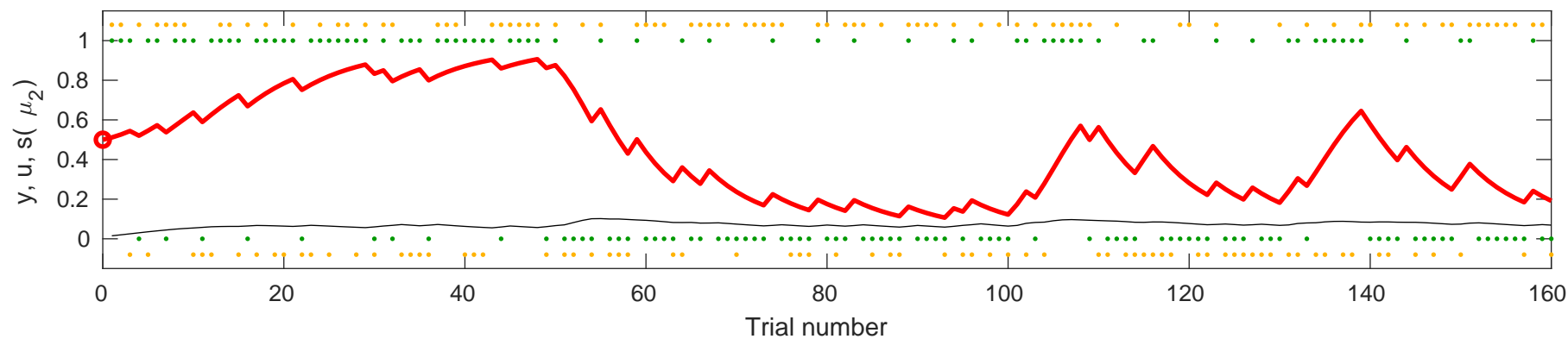


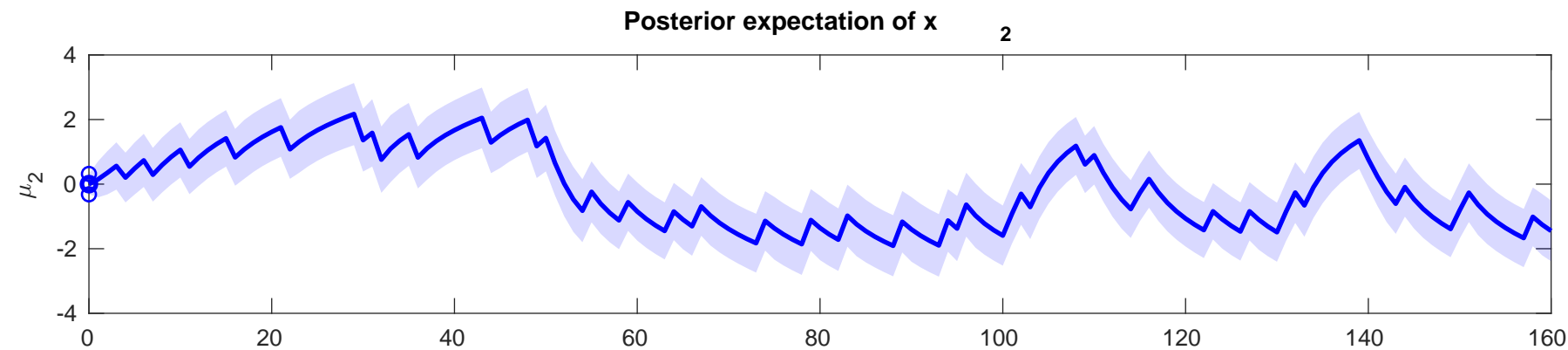
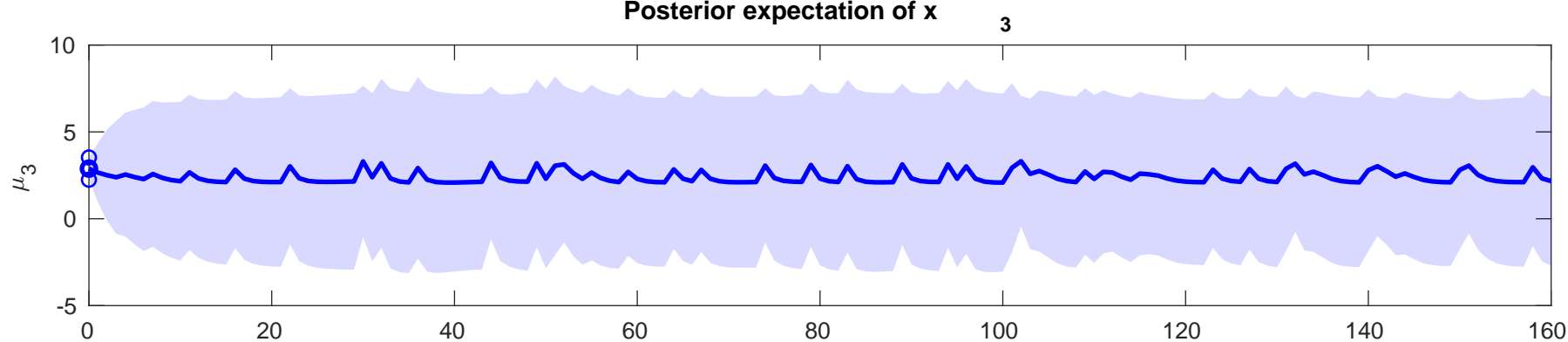
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-6.1188$



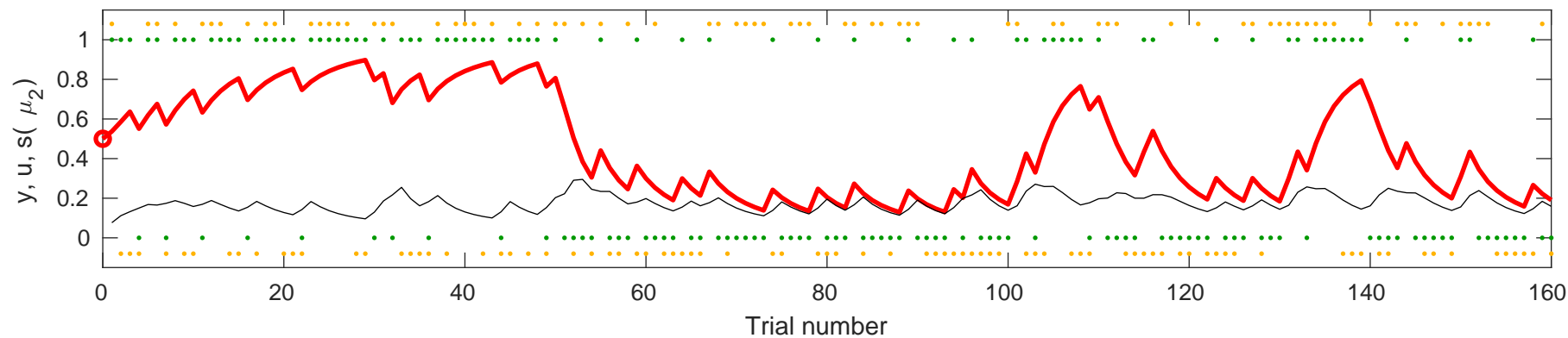


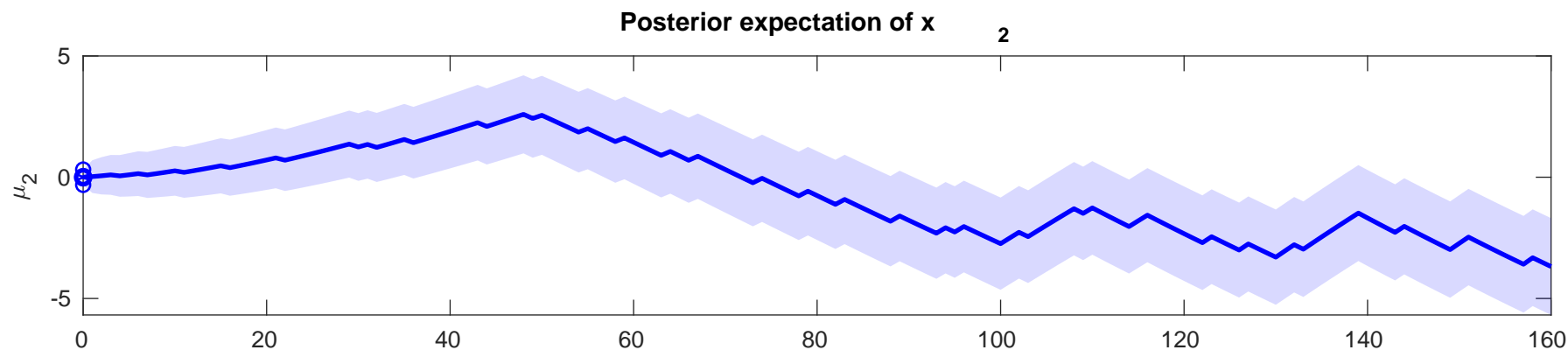
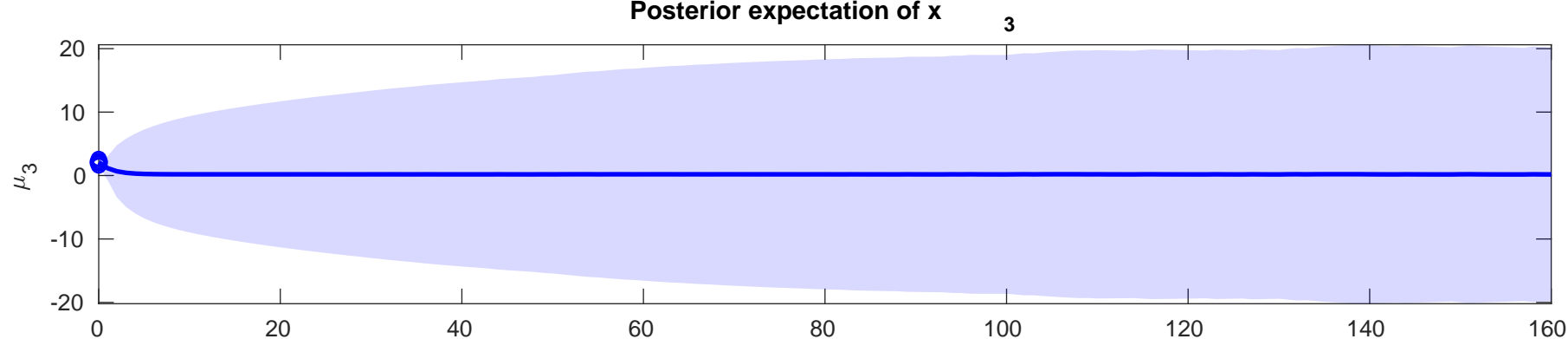
use  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.5025$



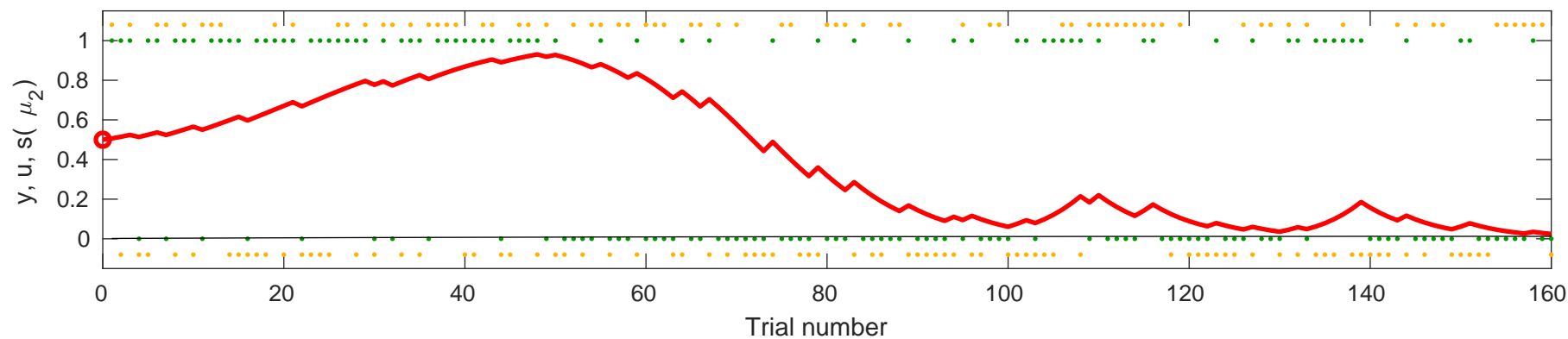


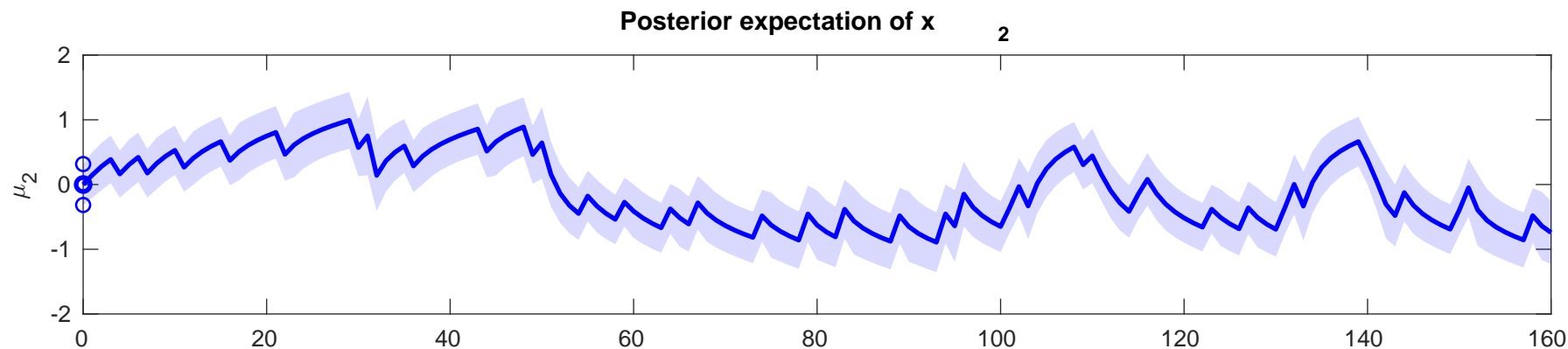
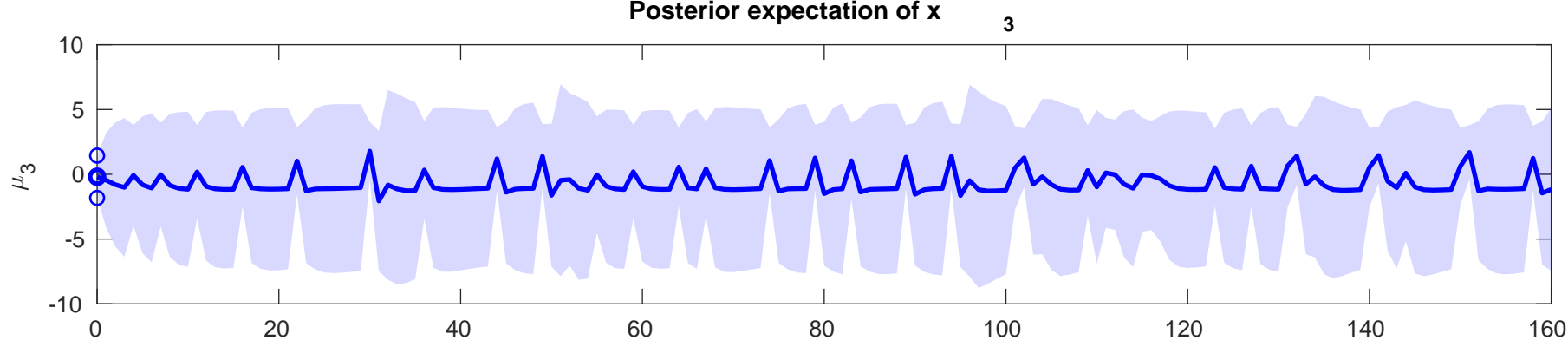
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.3311$



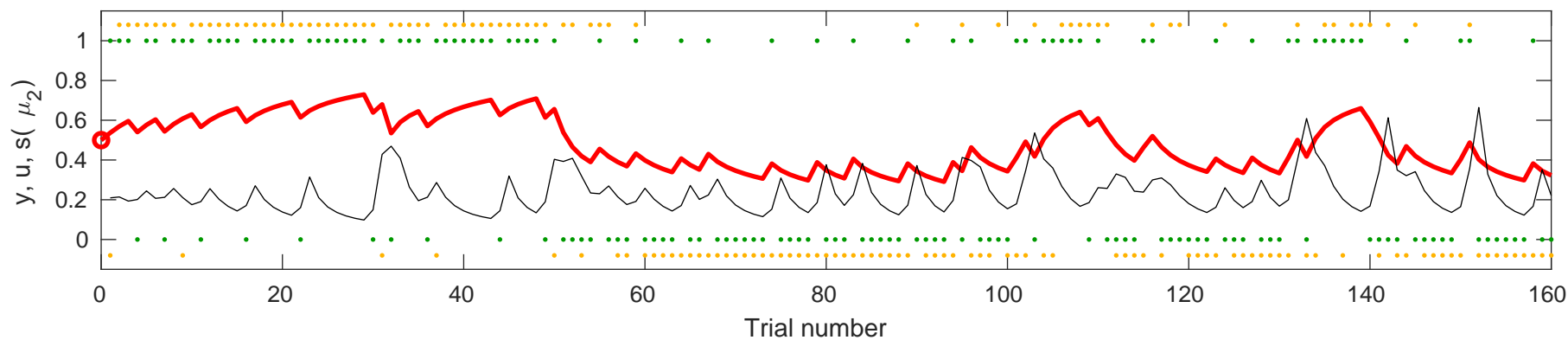


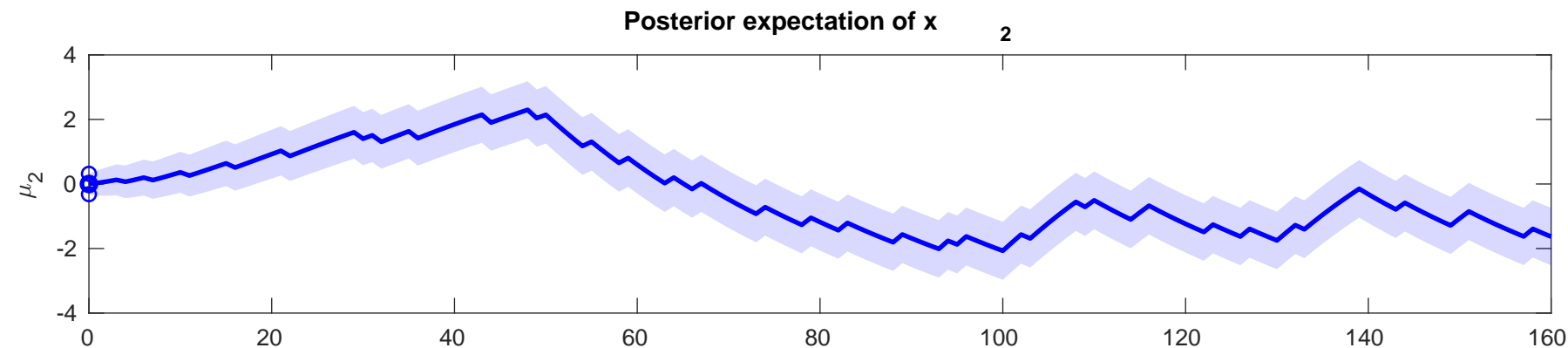
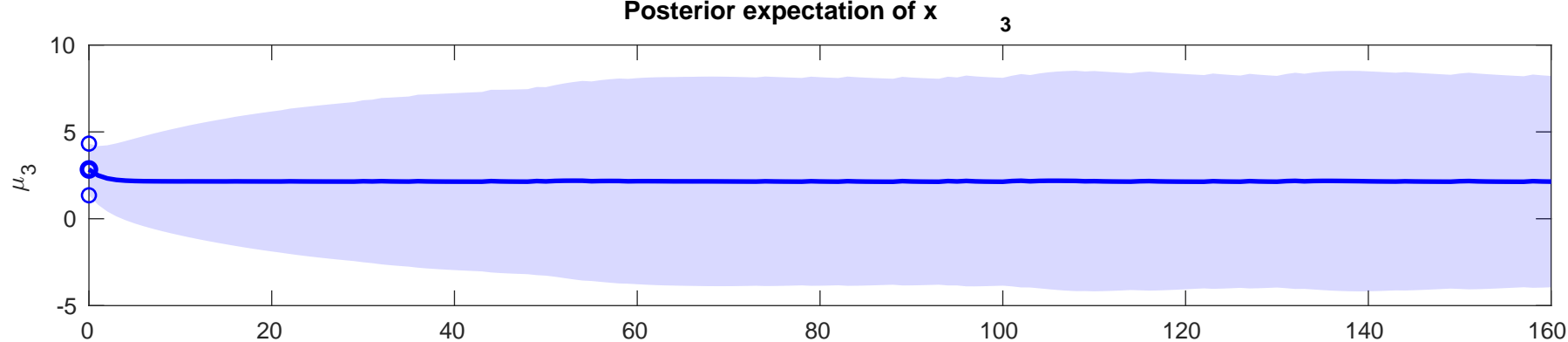
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-3.1331$



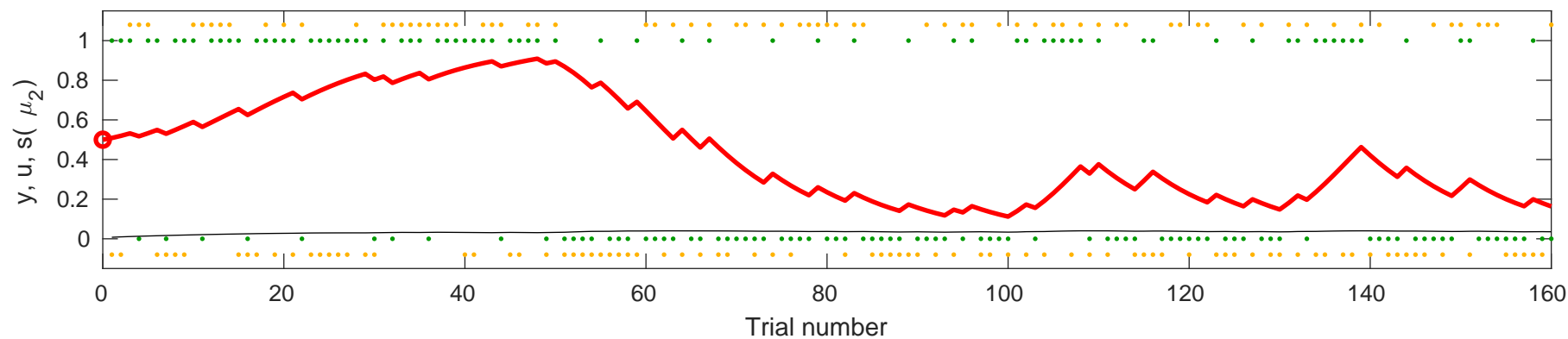


se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.7805$

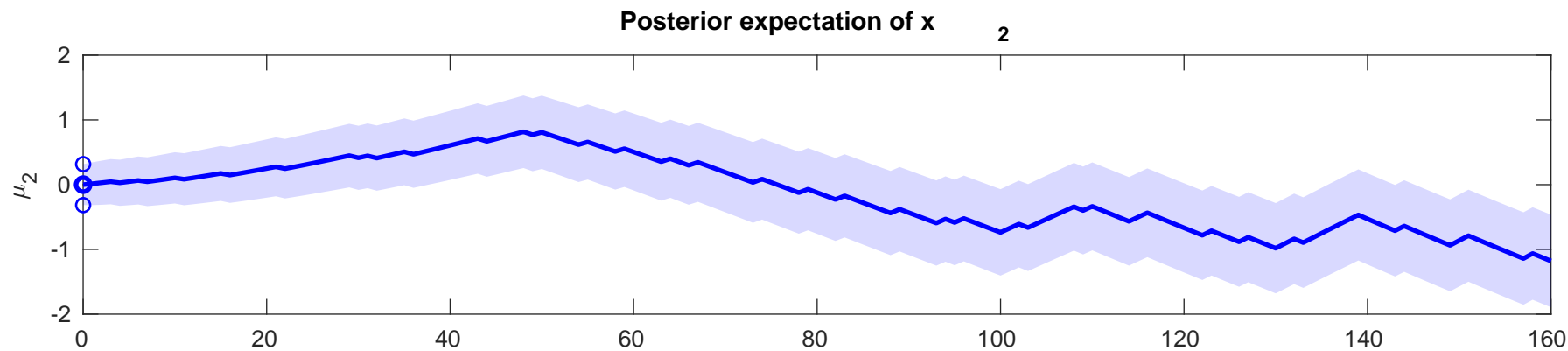
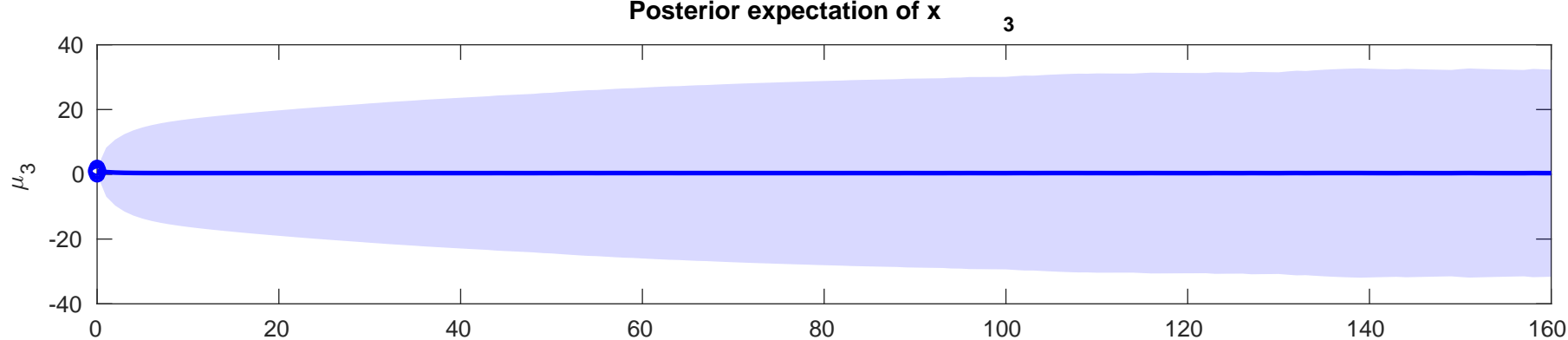




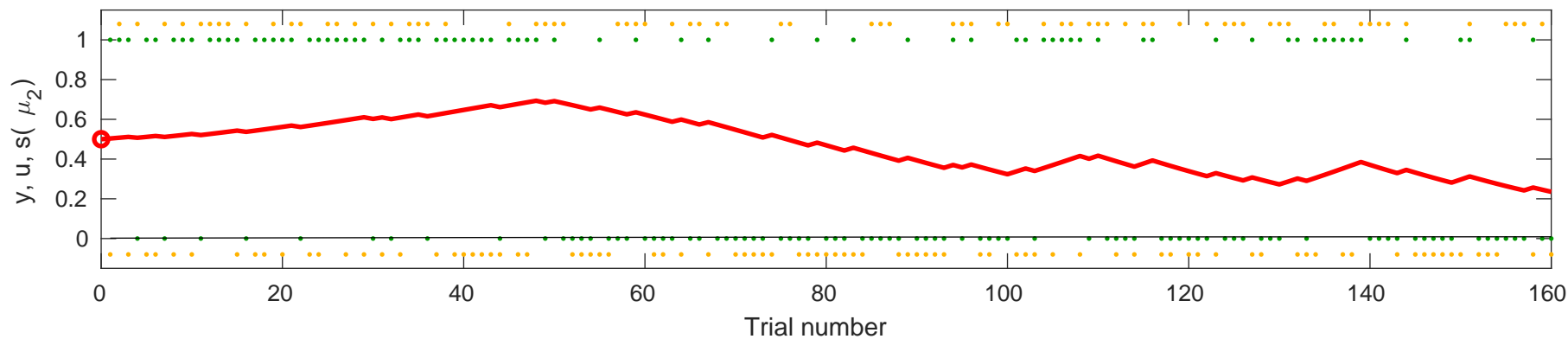
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(  $\mu_2$  ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.6724$

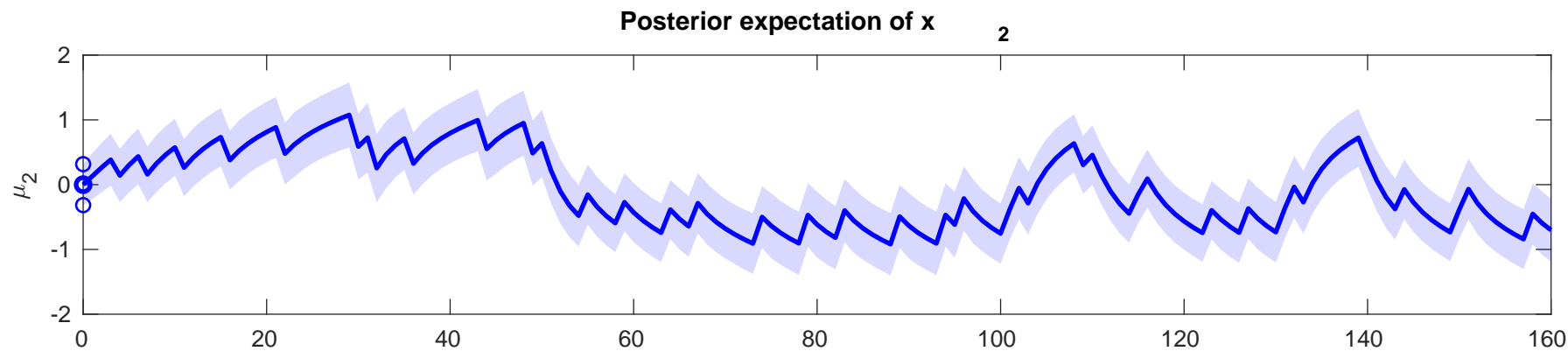
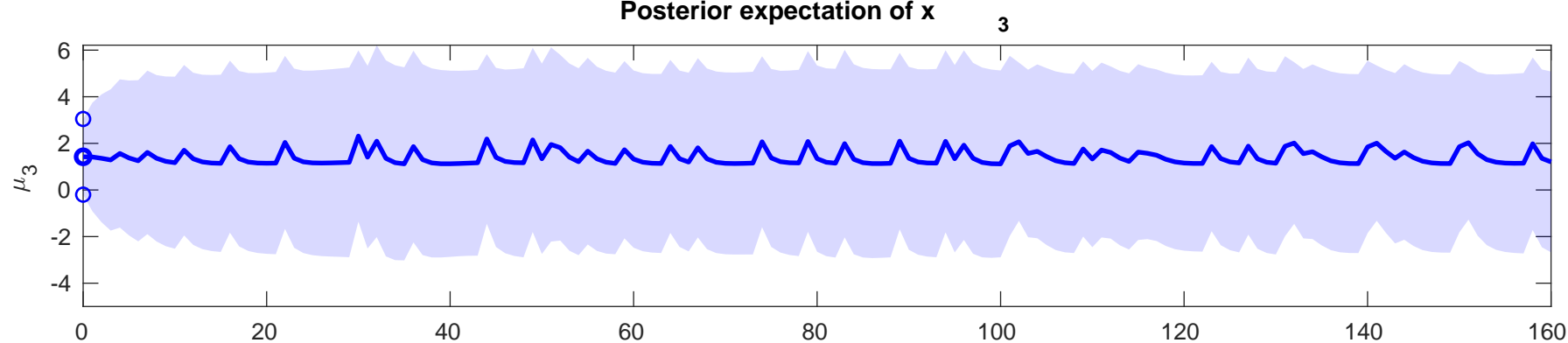




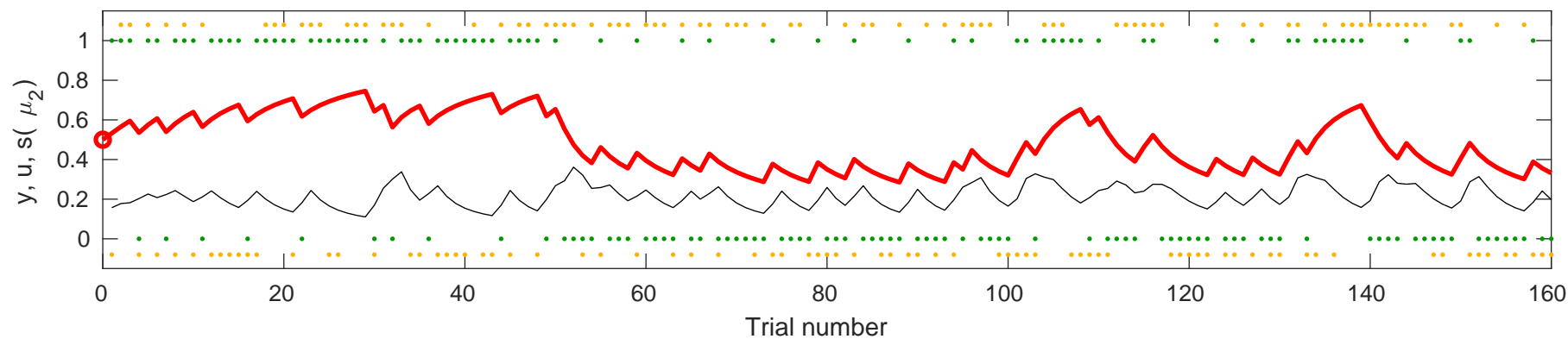


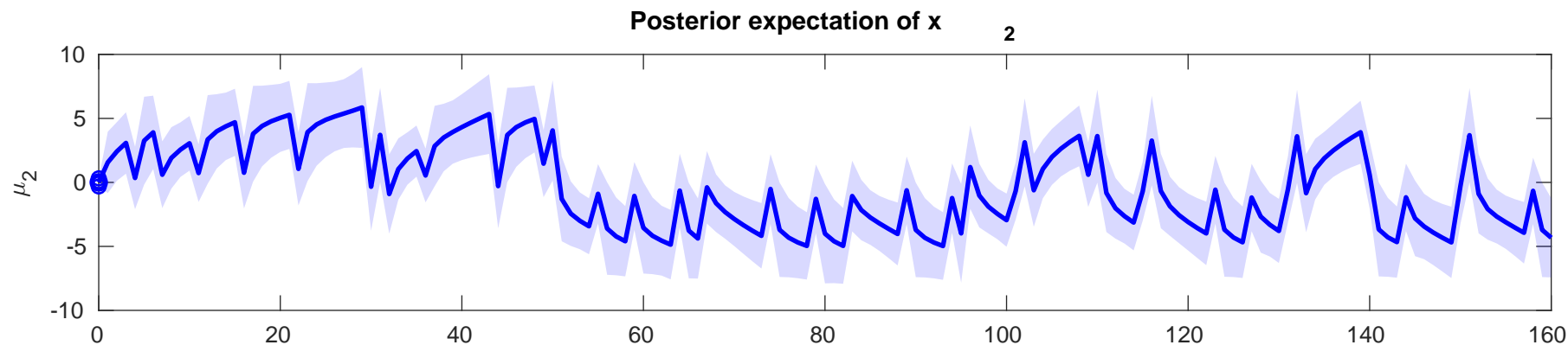
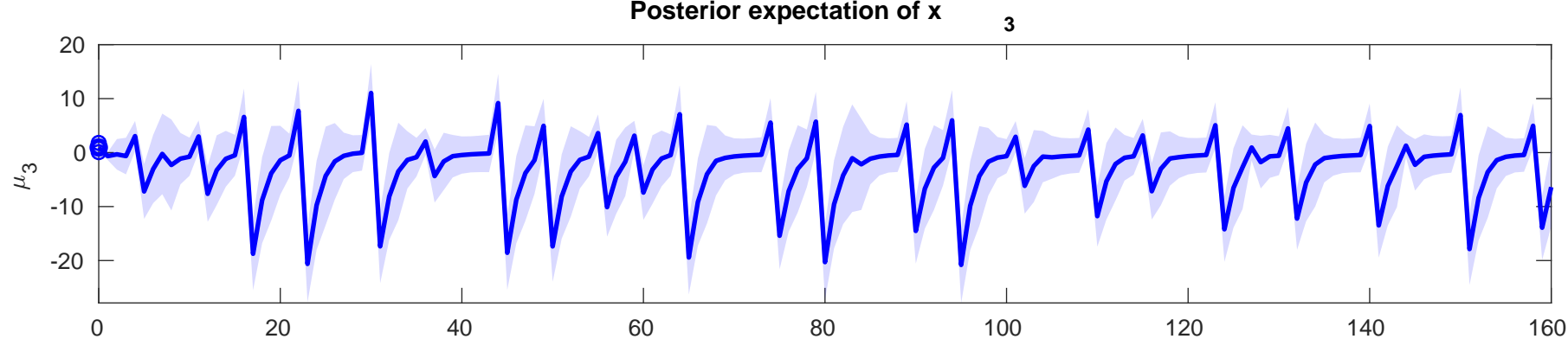
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-5.6372$



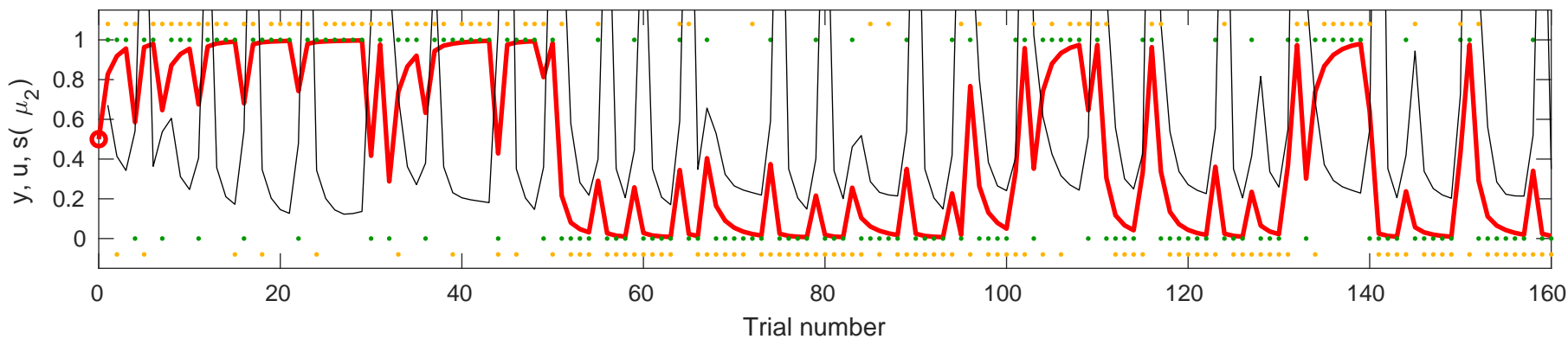


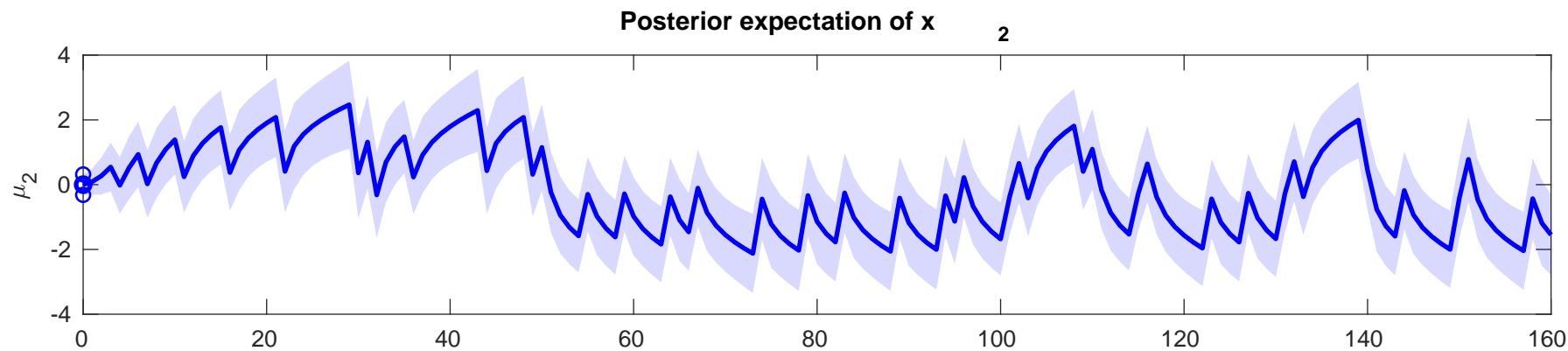
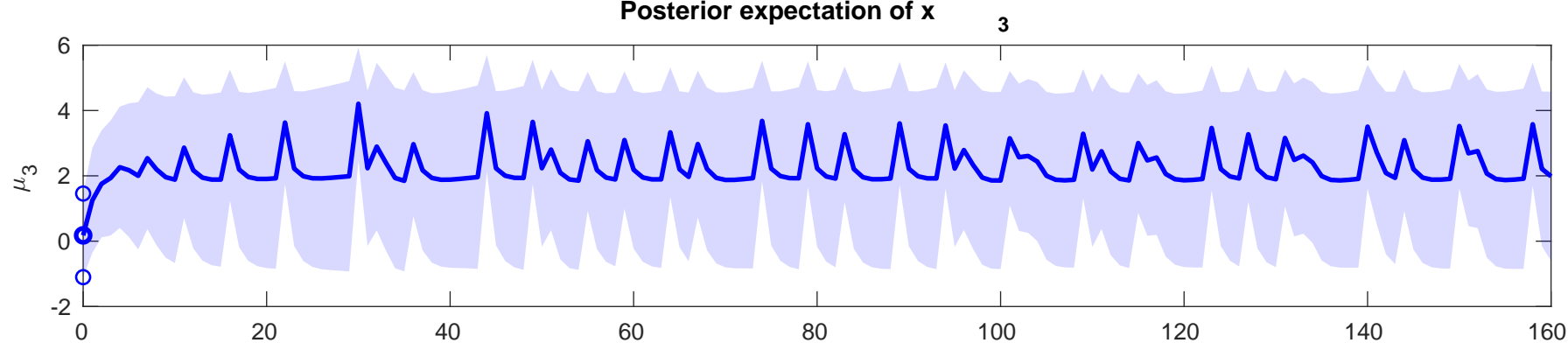
se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-4.4854$





Posterior expectation of  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s$  ( $\mu_2$ ) (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=1.355$





se  $y$  (orange), input  $u$  (green), learning rate (fine black), and posterior expectation of input  $s(\mu_2)$  (red) for  $\rho=0$ ,  $\kappa=1$ ,  $\omega=-2.7994$

