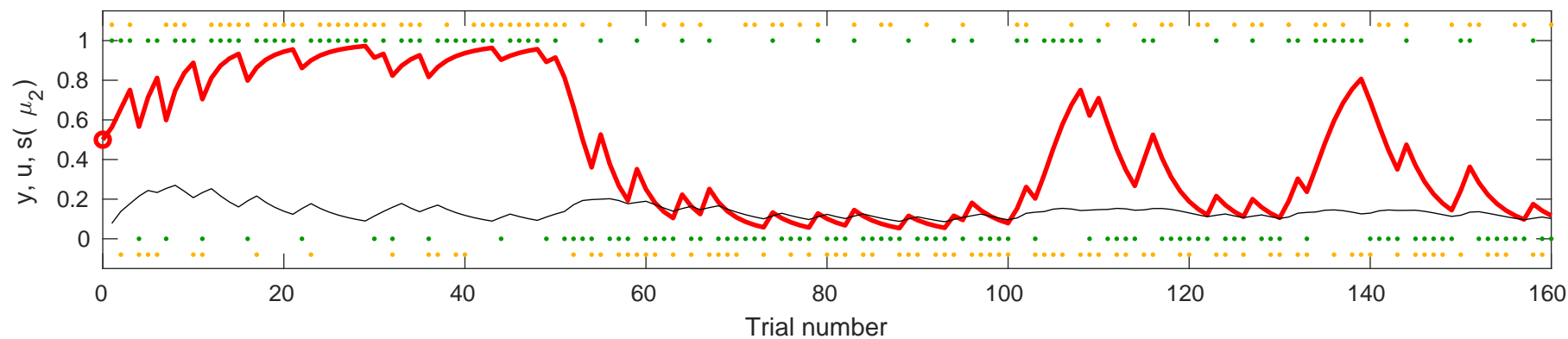
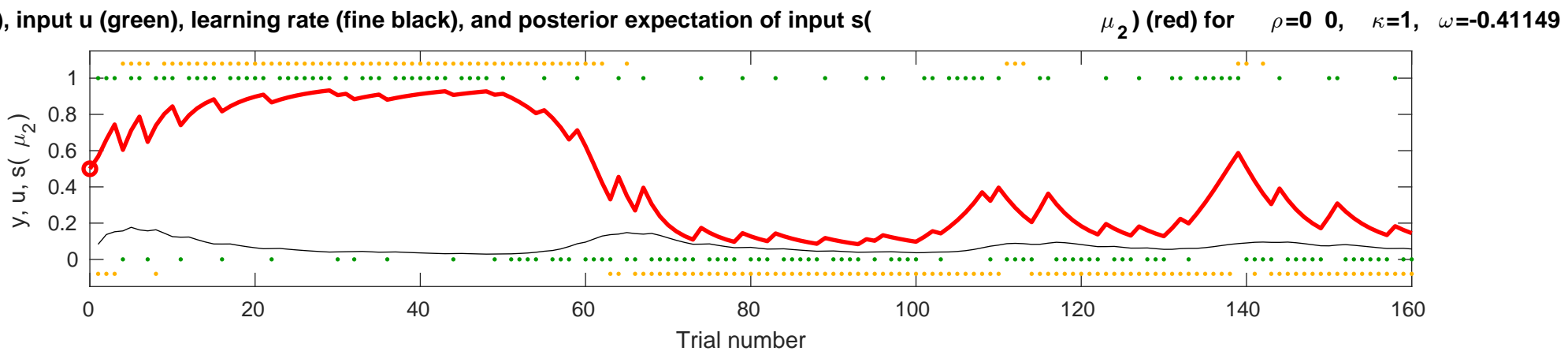
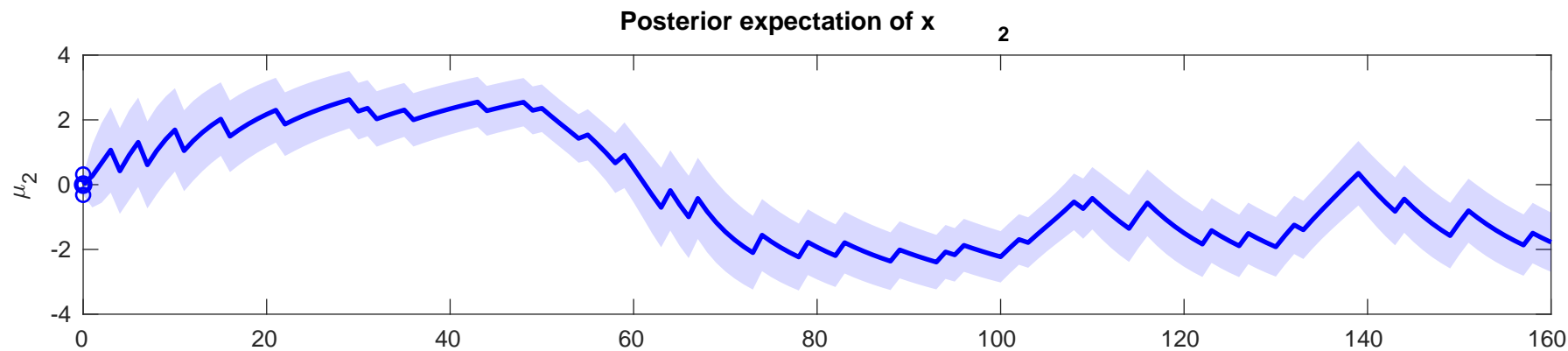
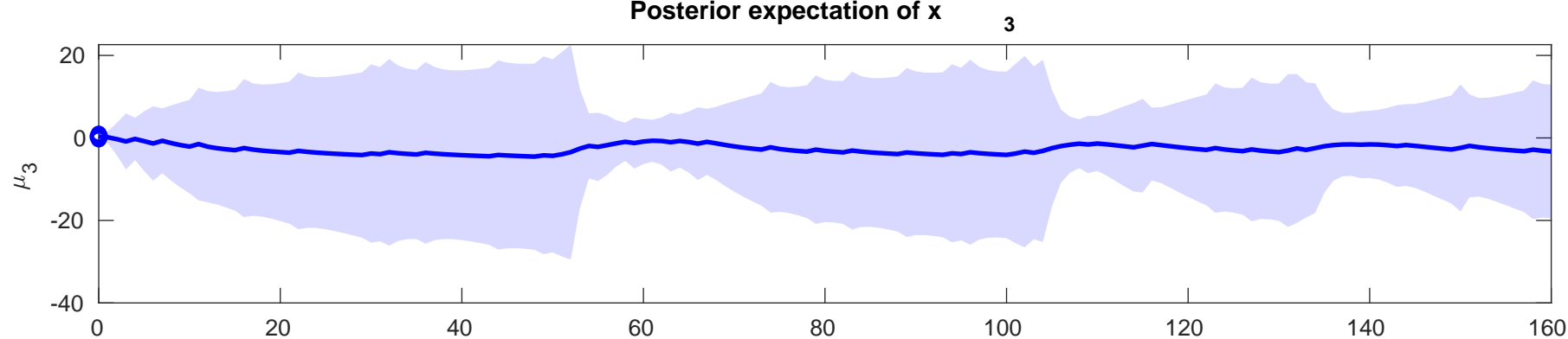
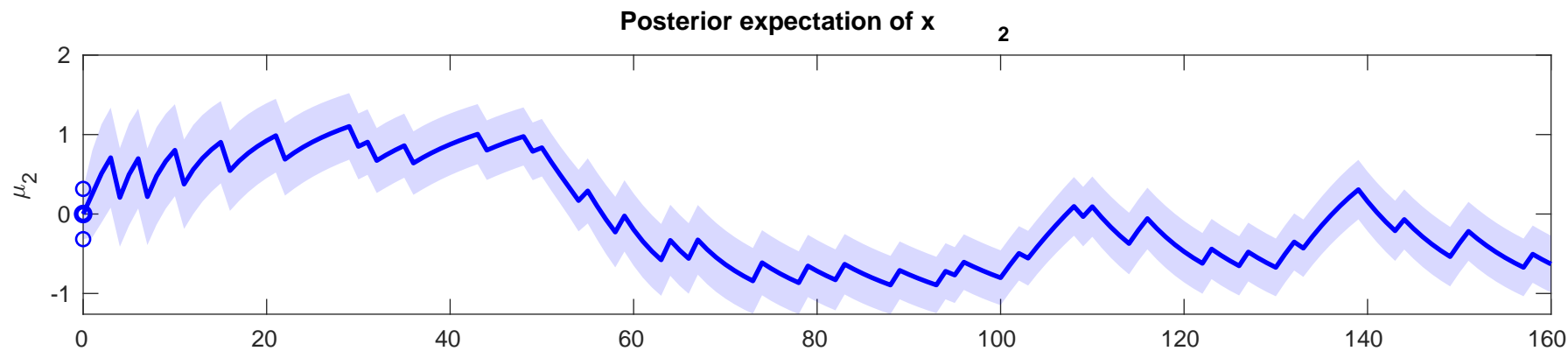
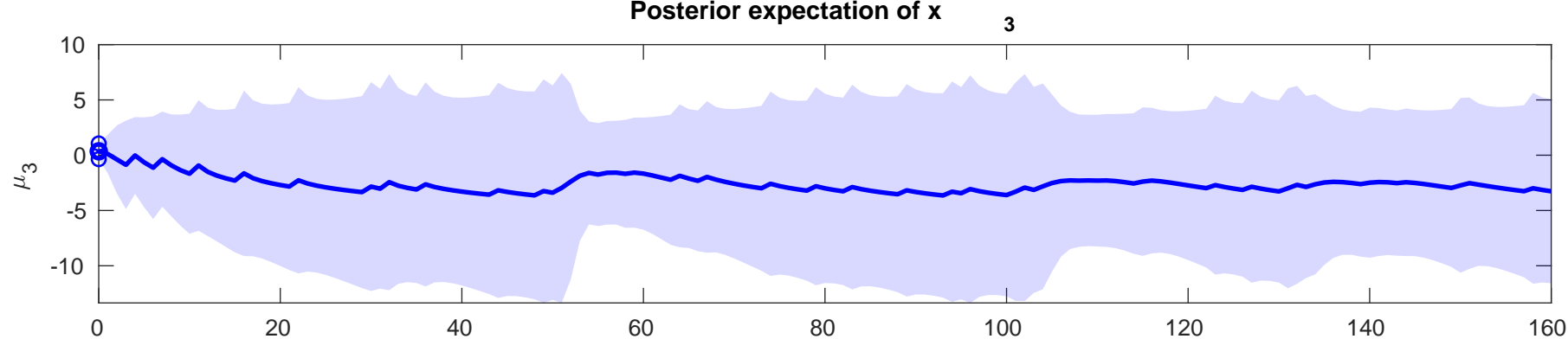


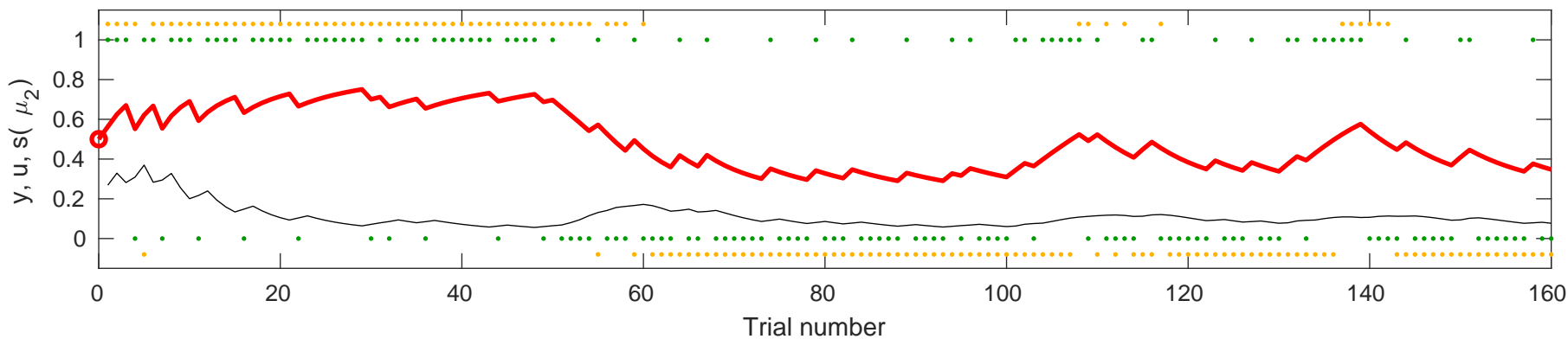
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.1299$

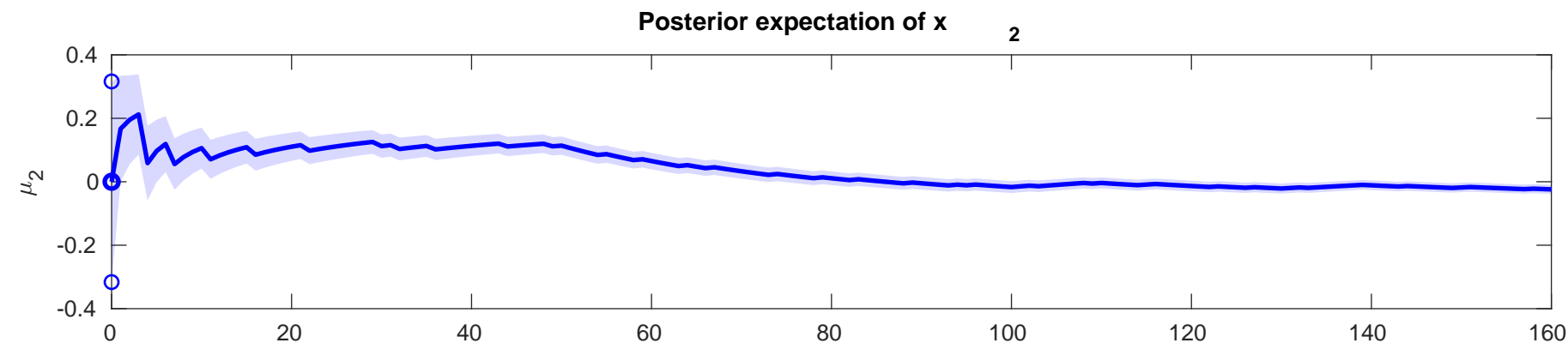
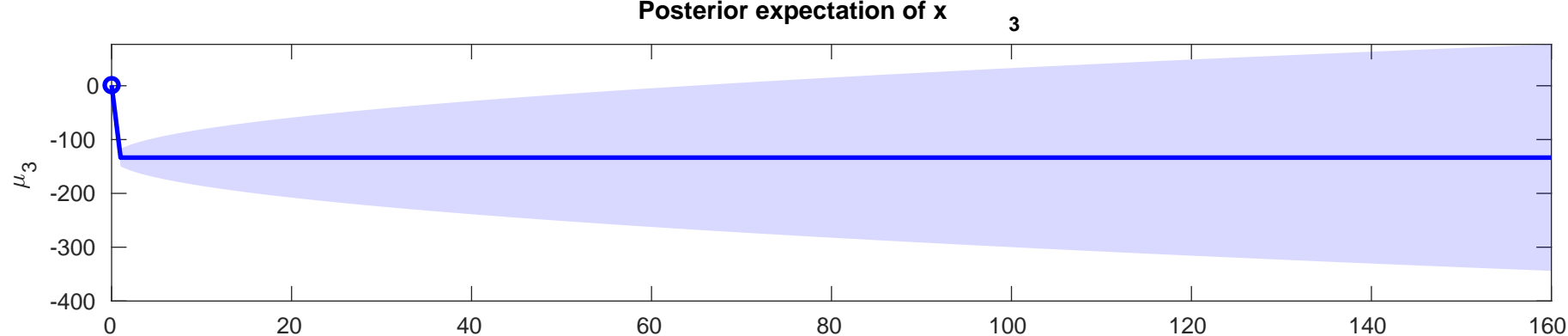




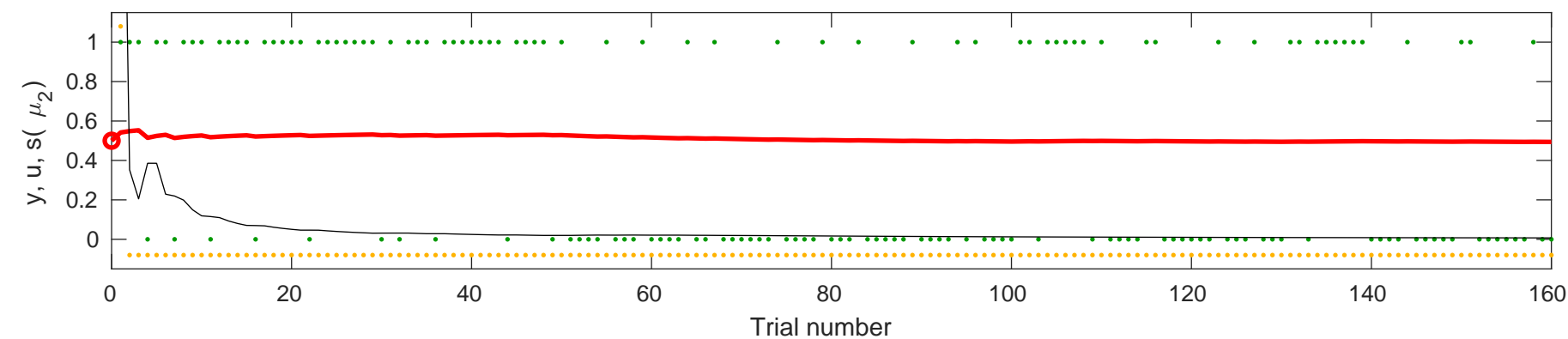


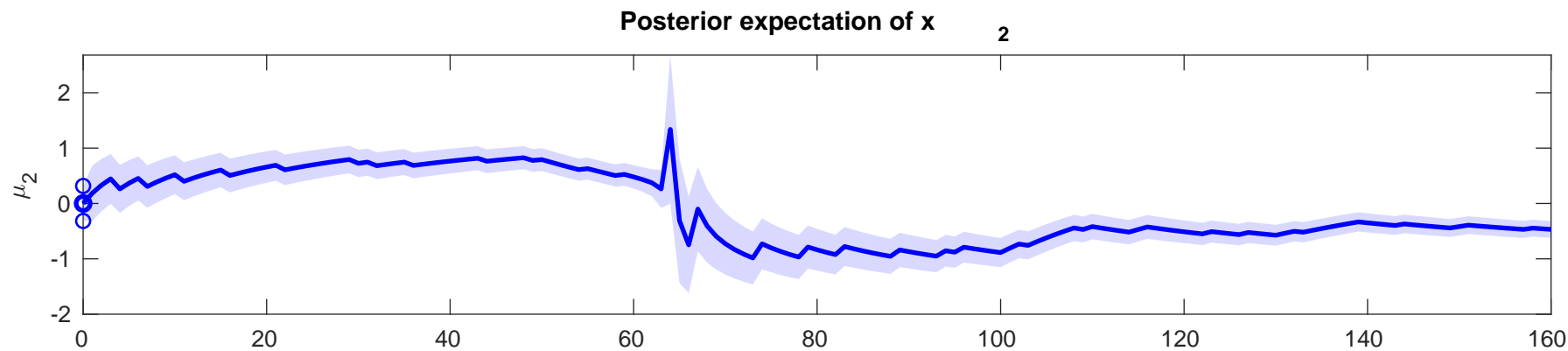
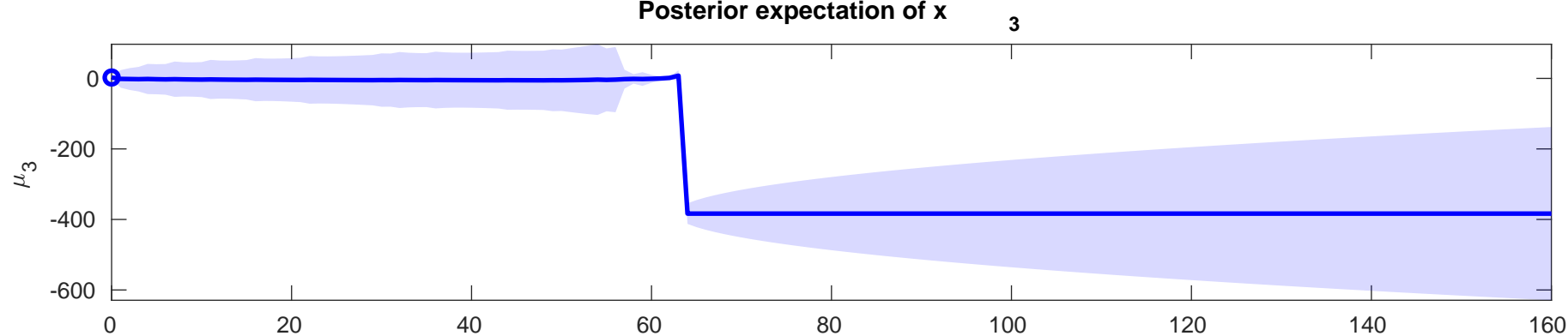
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.6174$



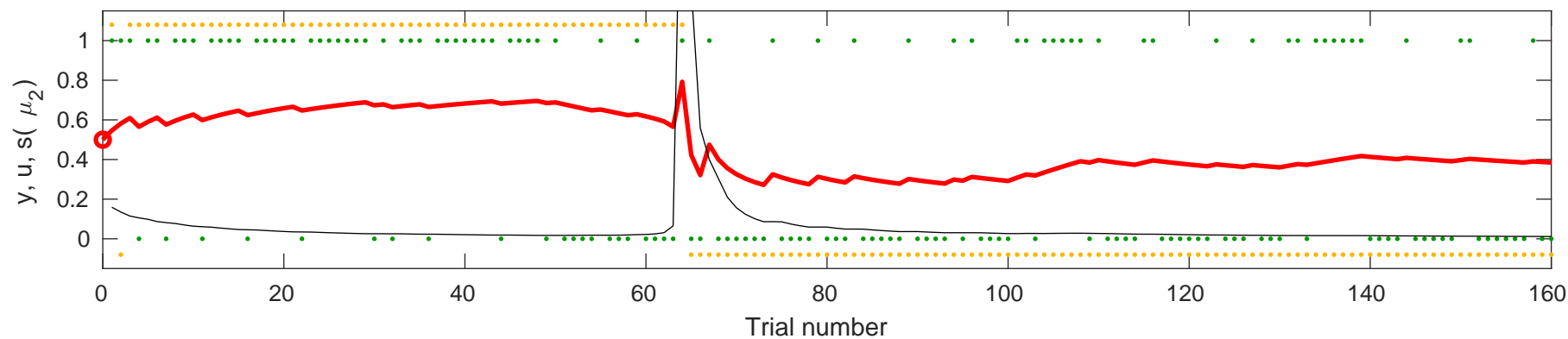


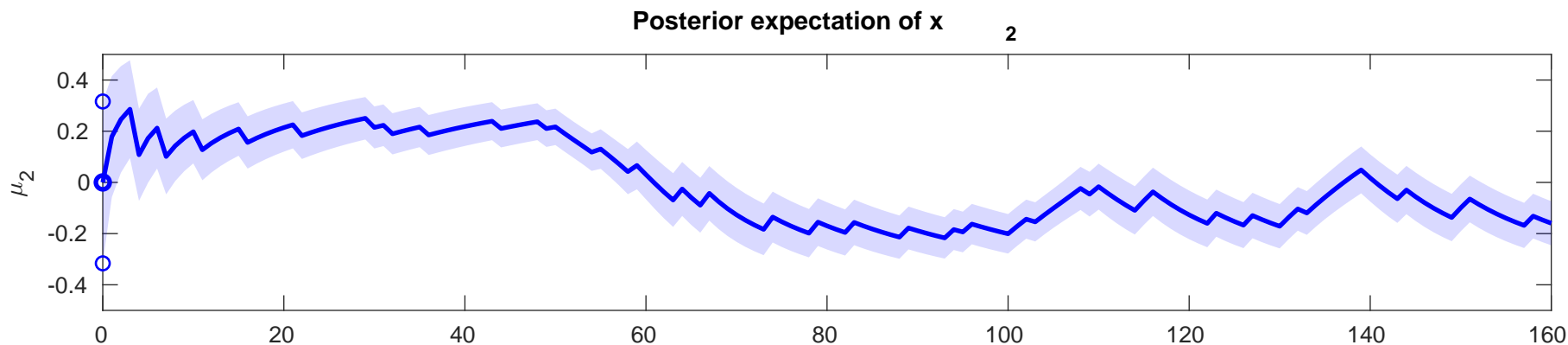
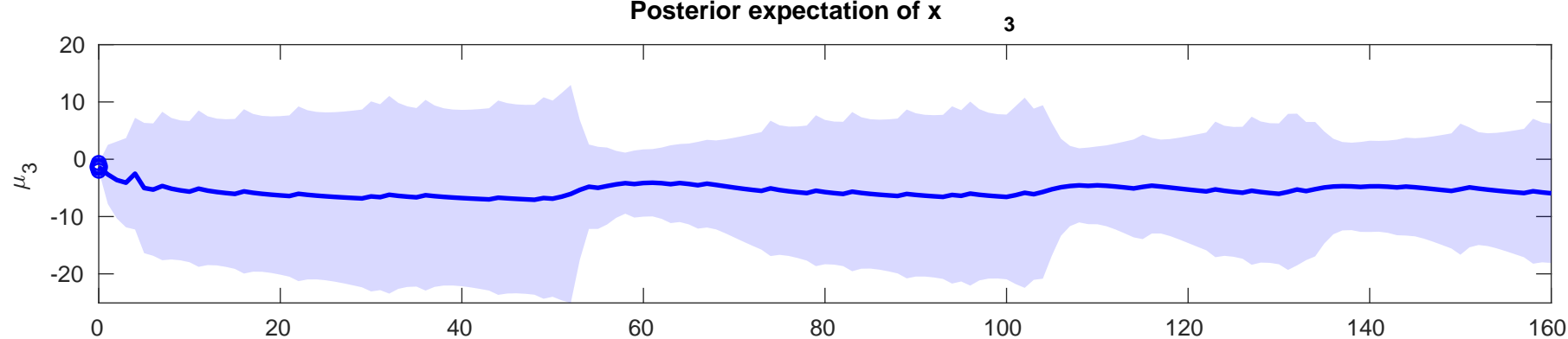
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=0.57001$



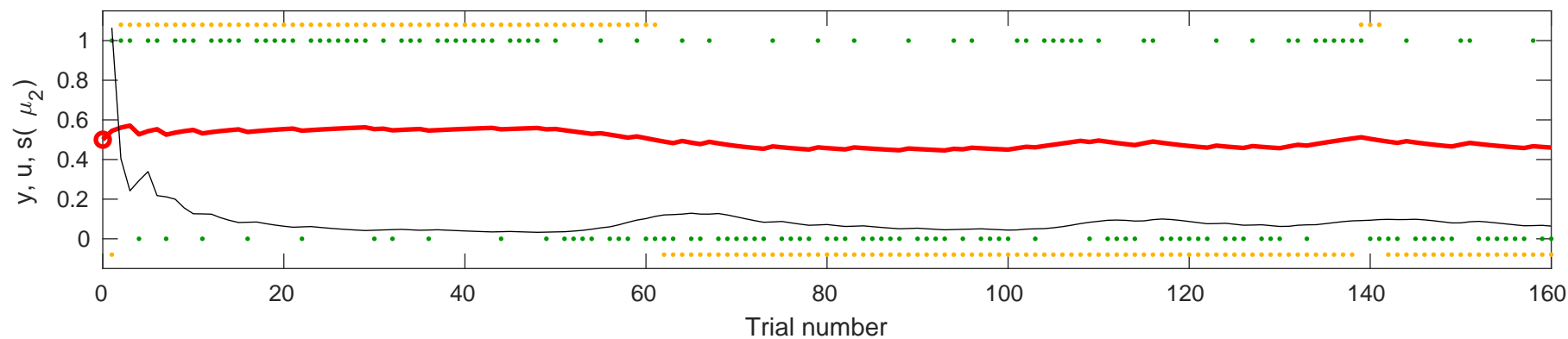


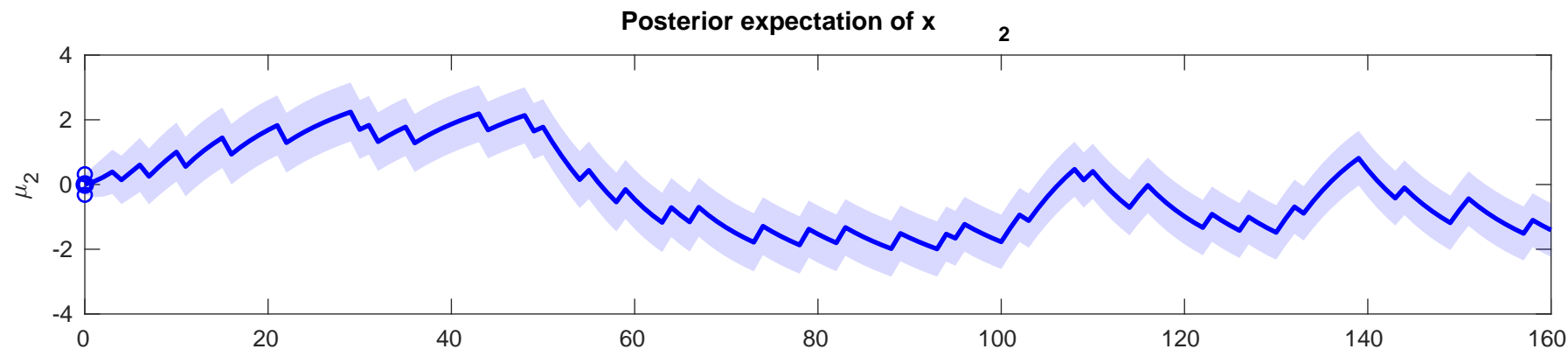
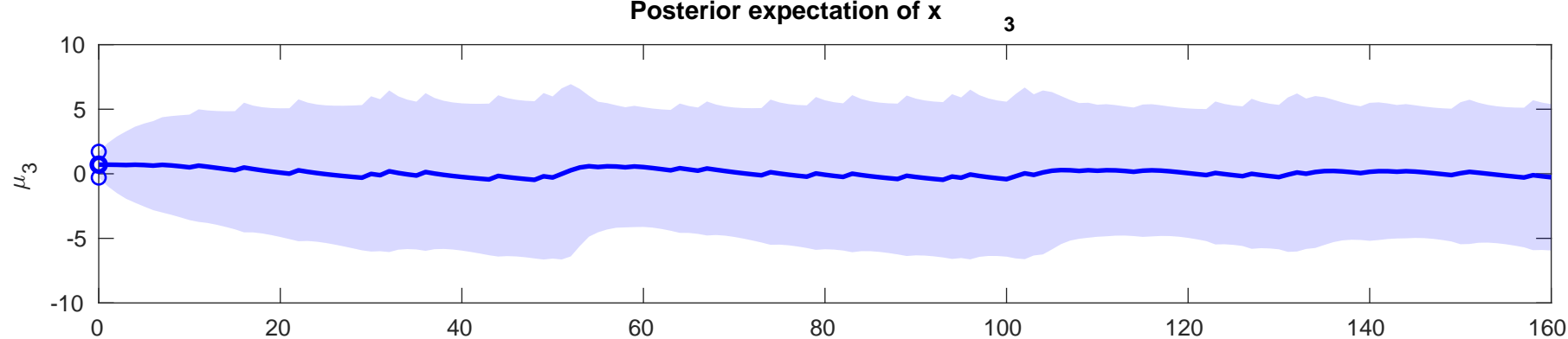
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.144$



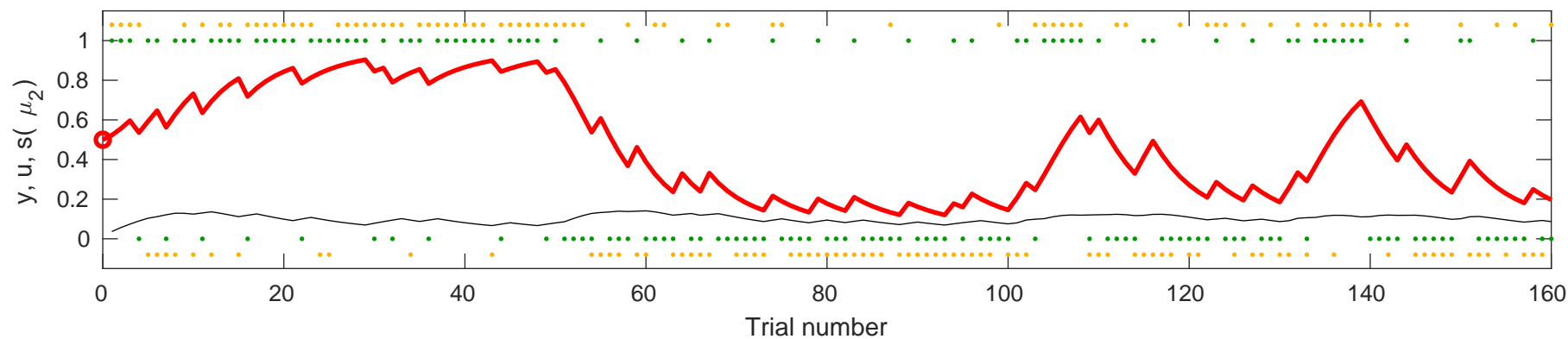


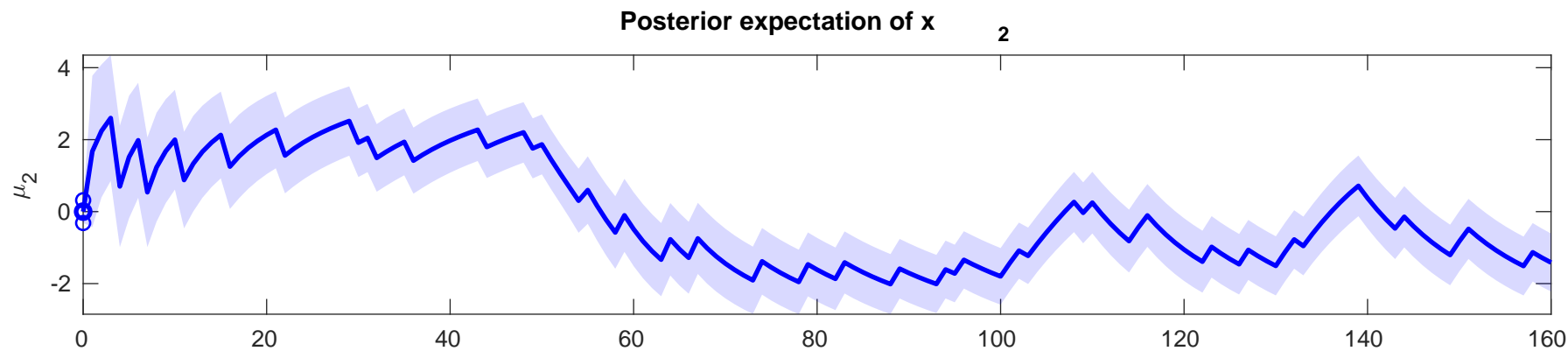
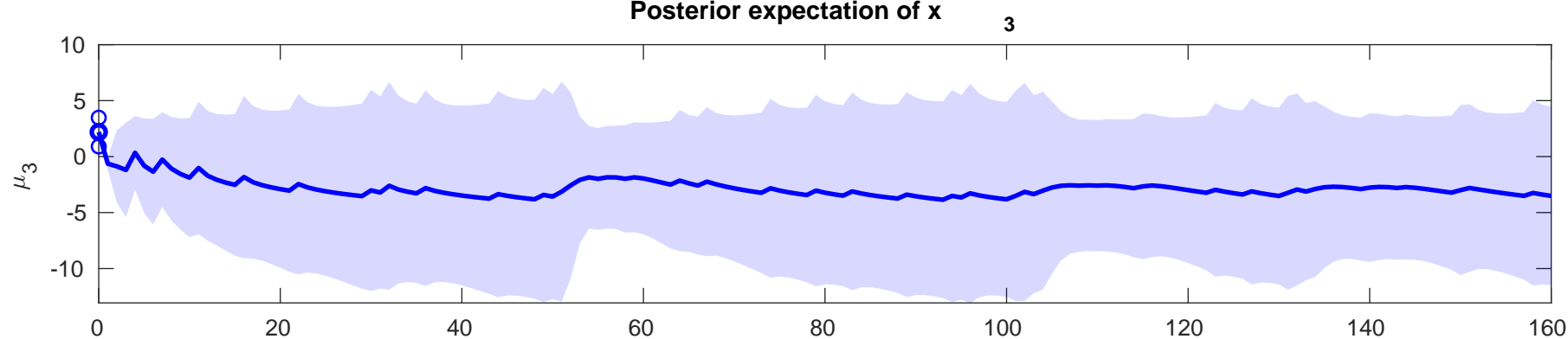
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.1644$



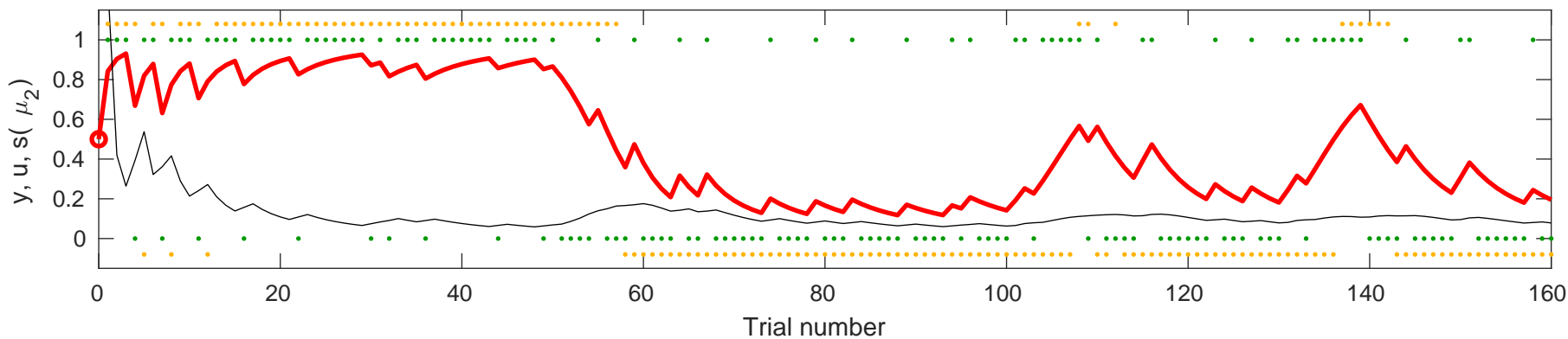


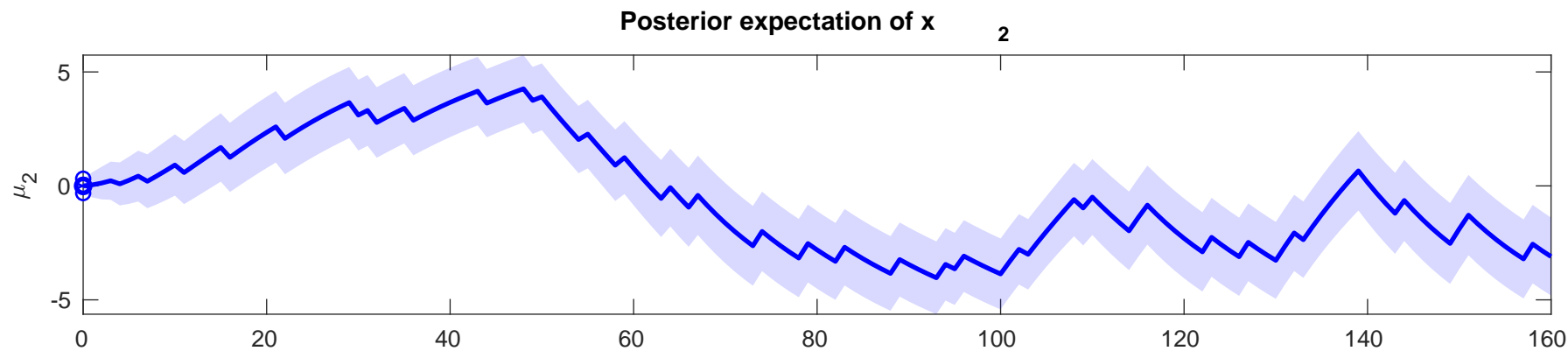
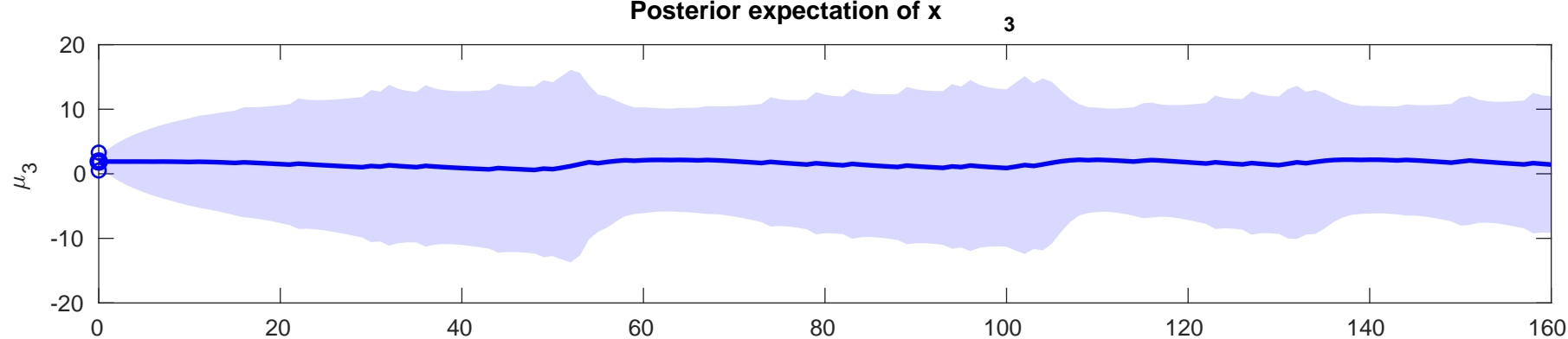
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.6409$



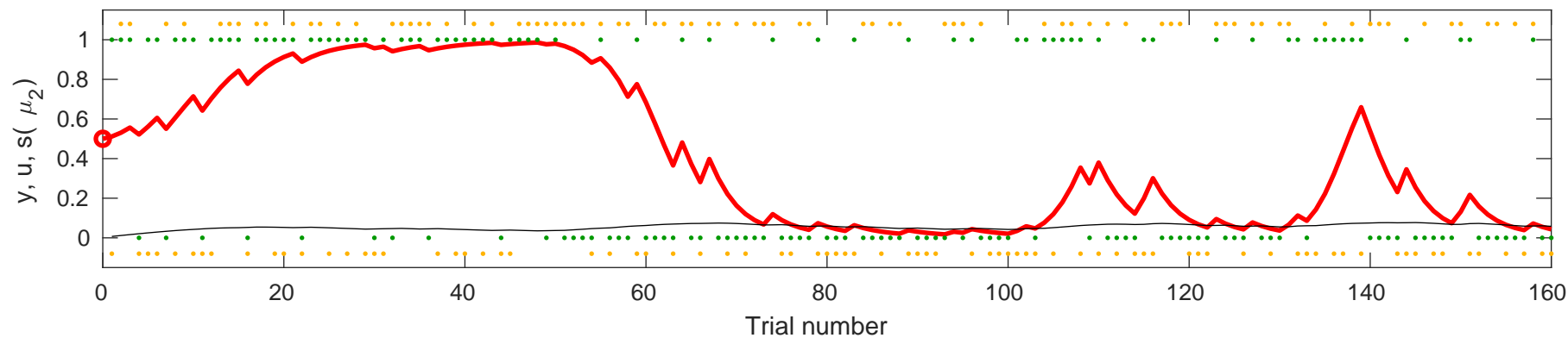


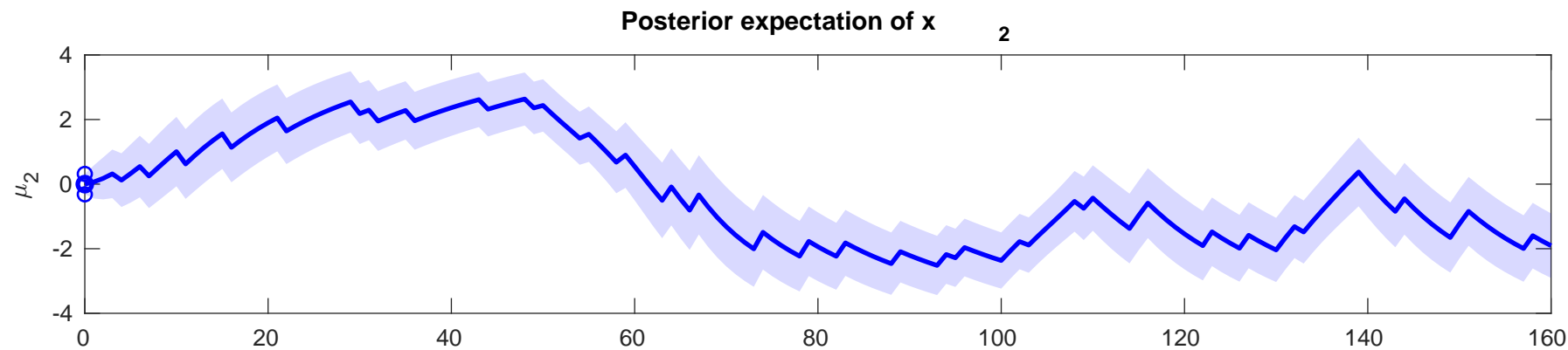
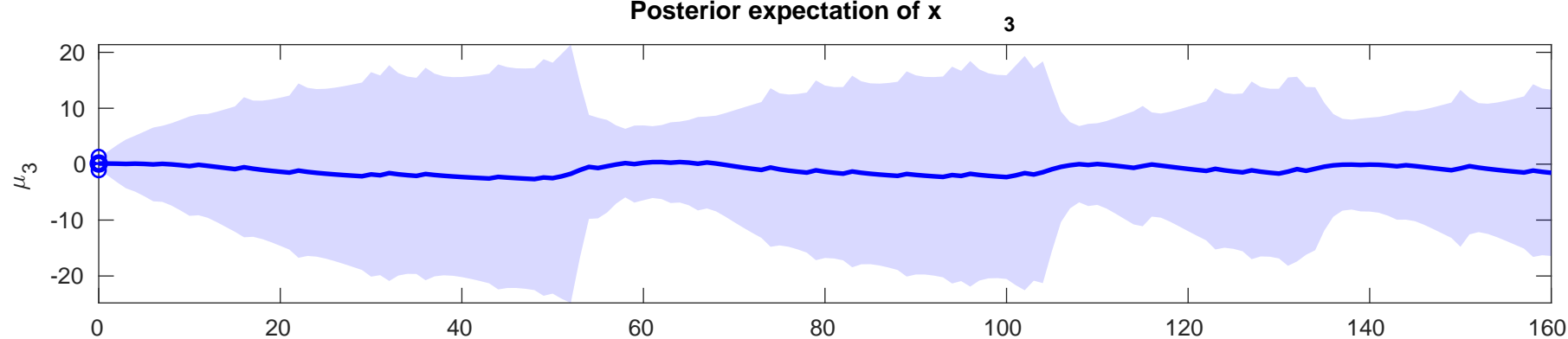
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=0.29634$



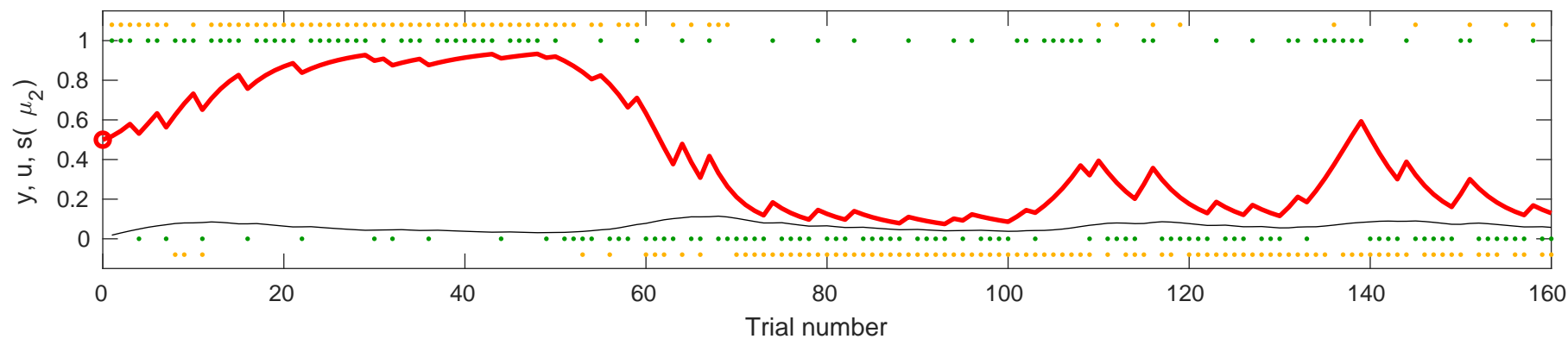


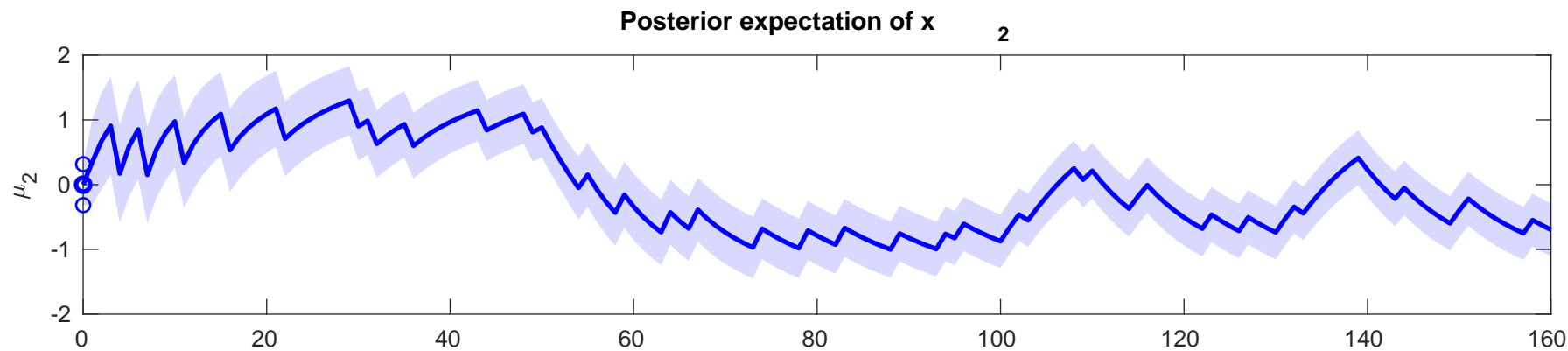
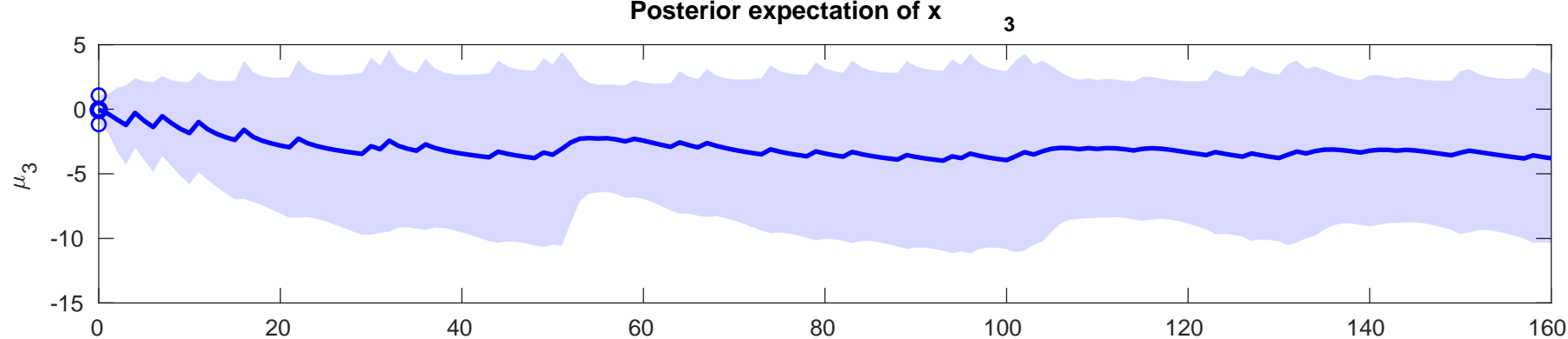
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.4634$



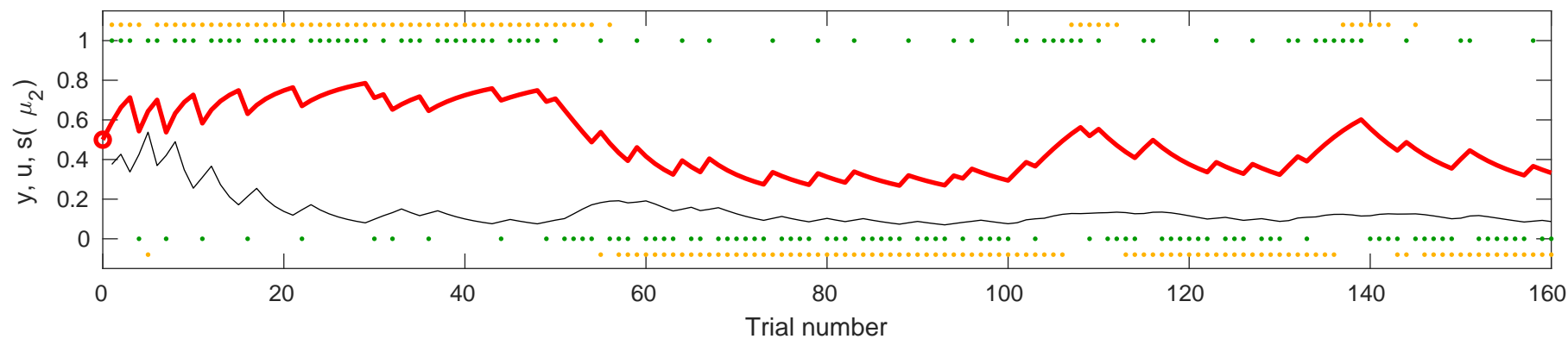


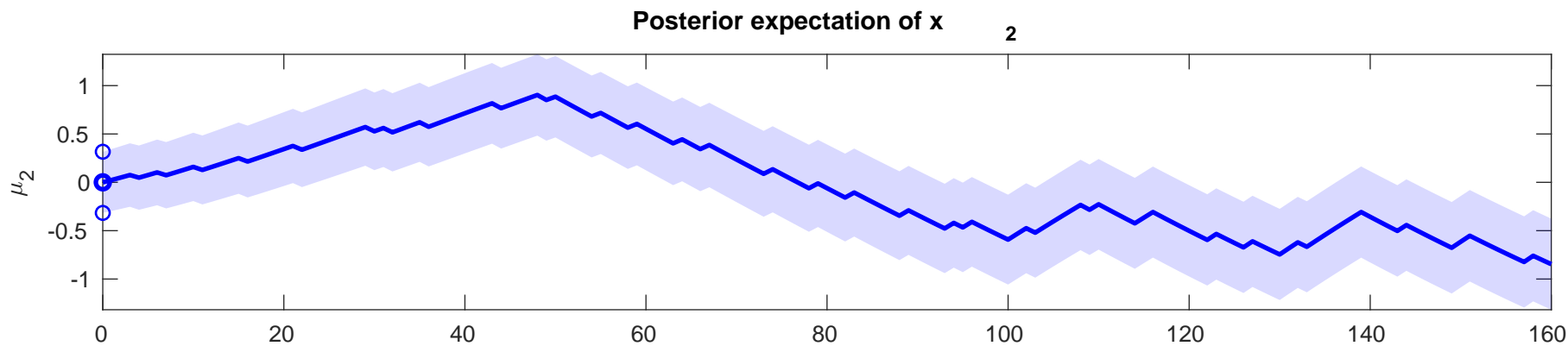
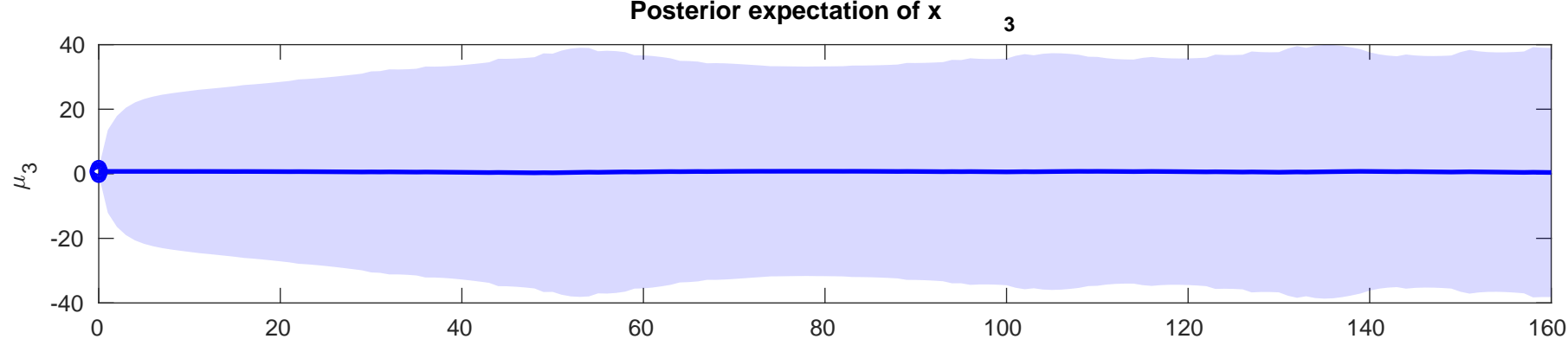
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.8801$



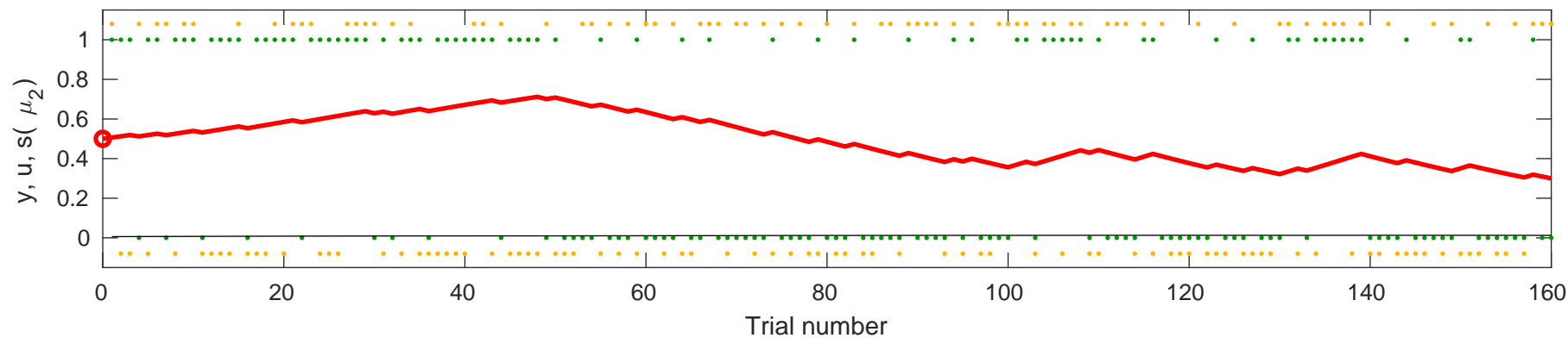


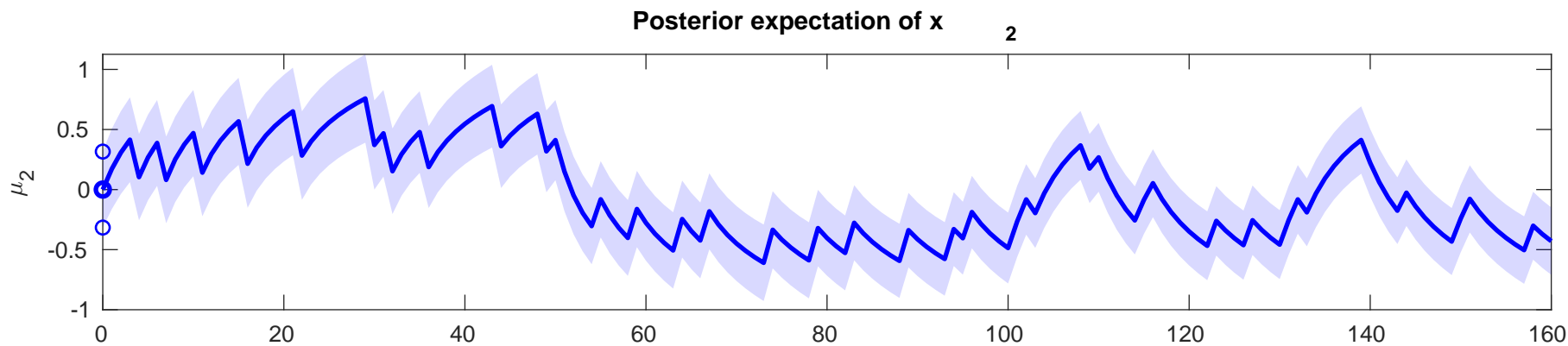
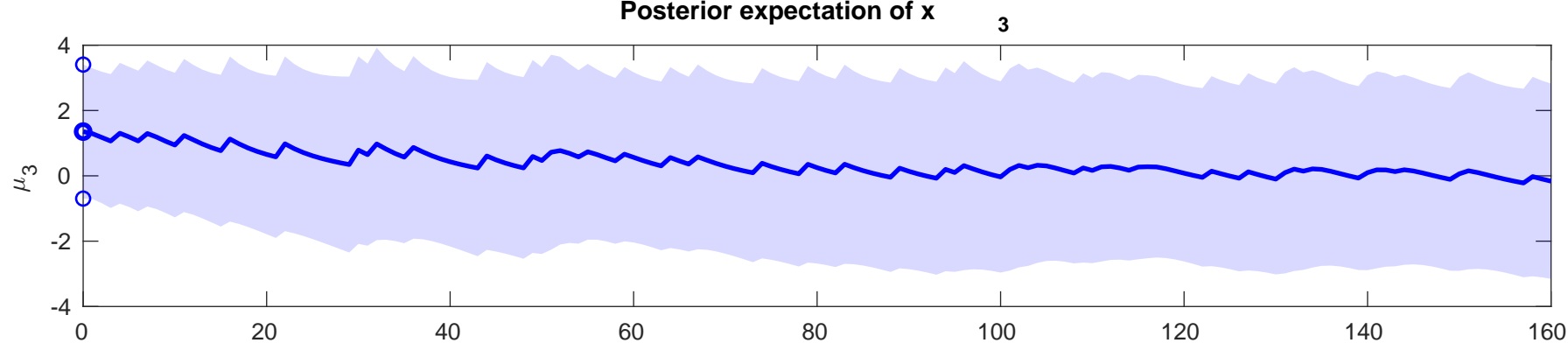
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-0.6151$



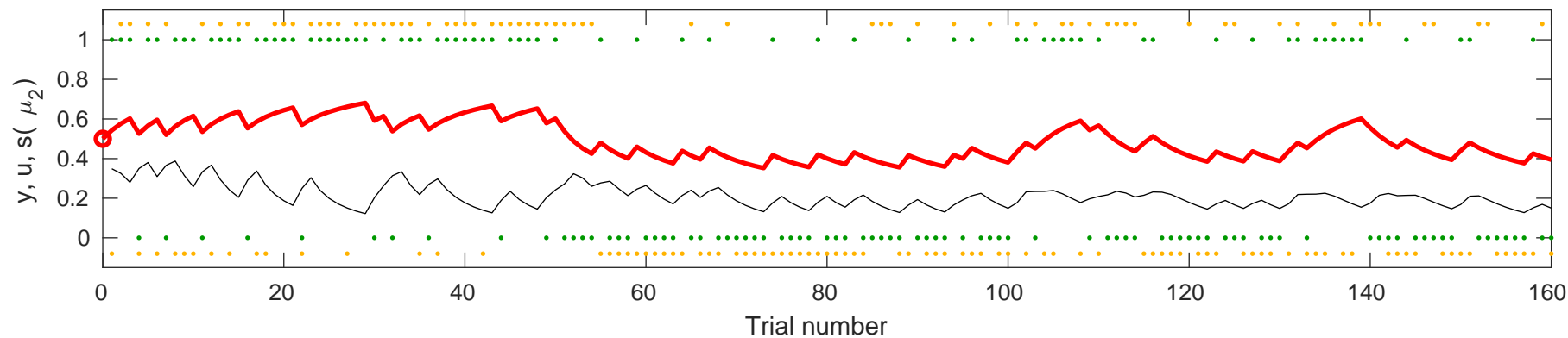


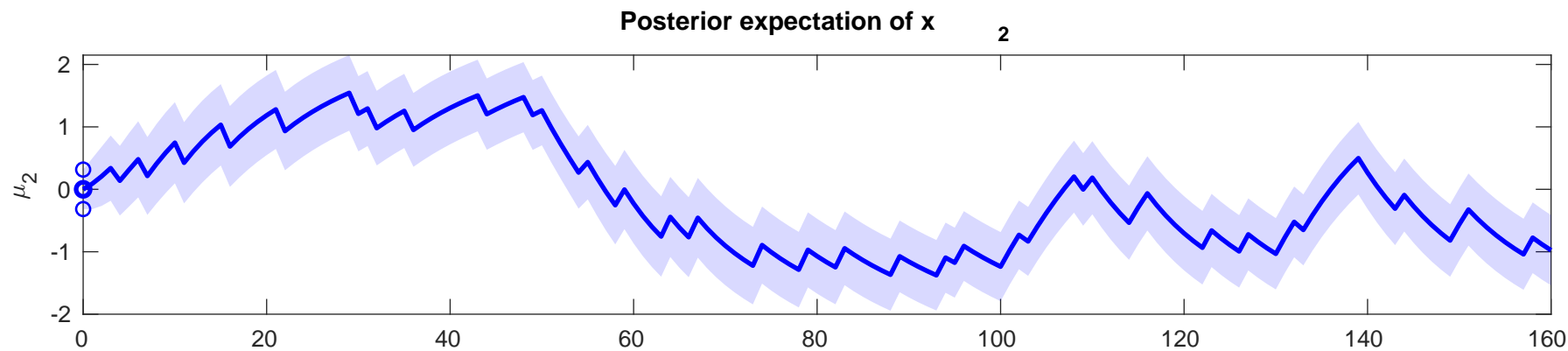
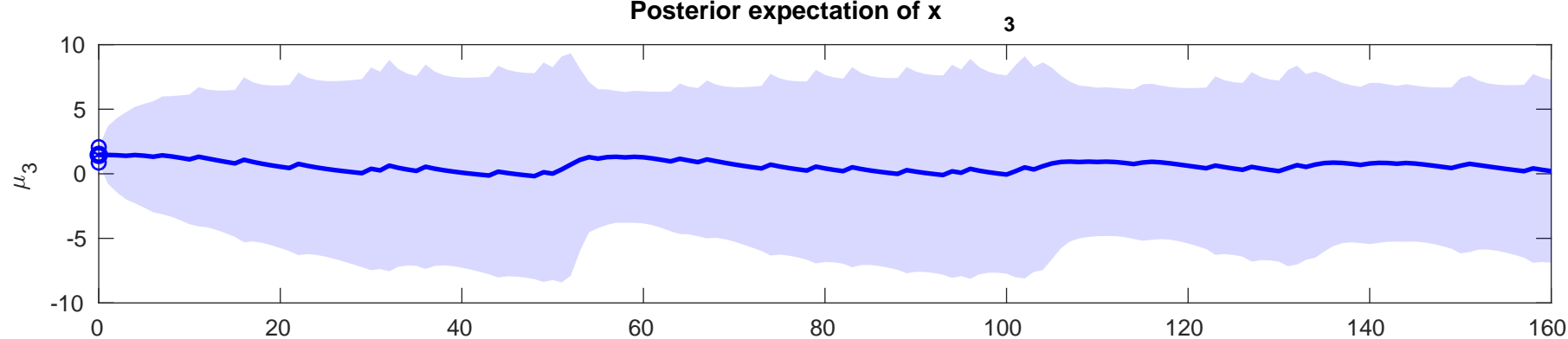
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-6.4637$



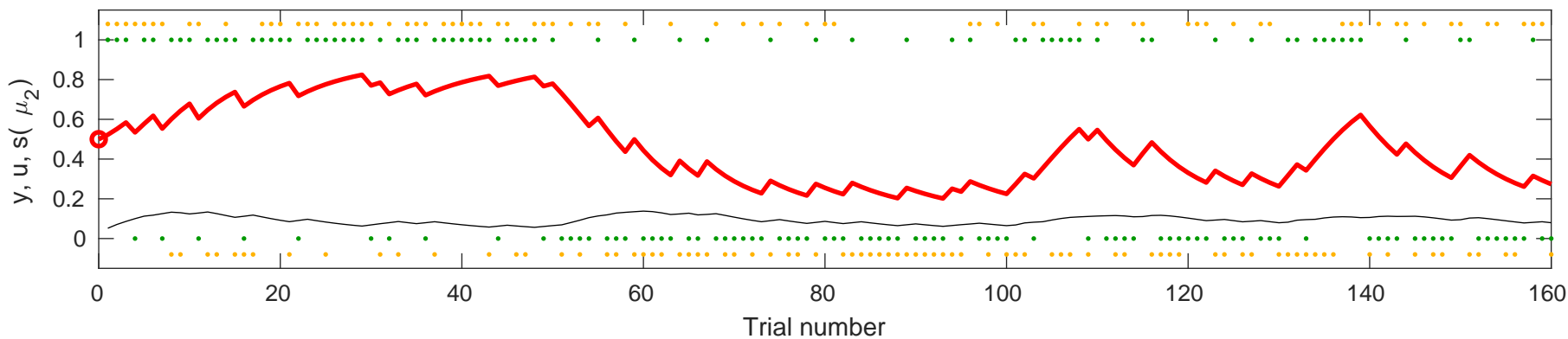


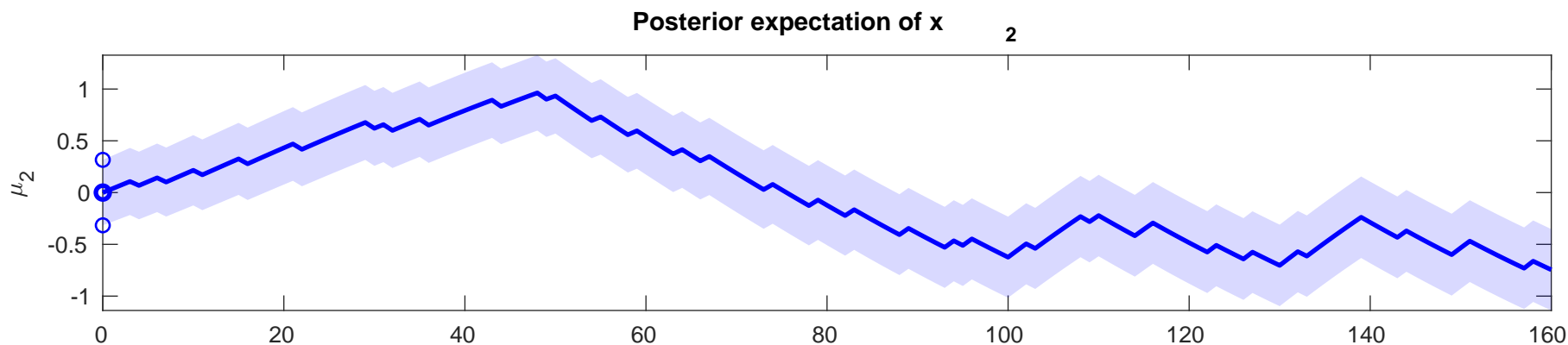
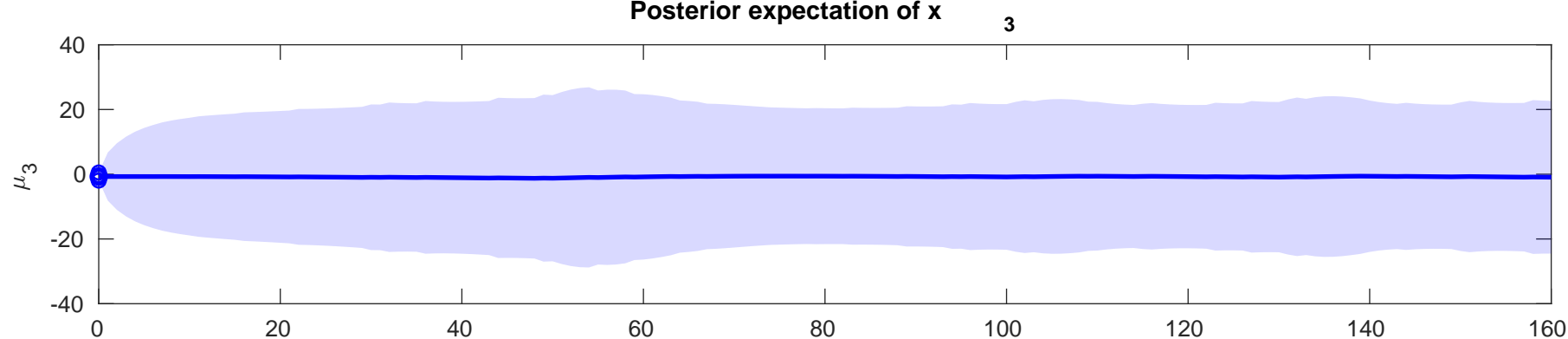
output y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.3013$



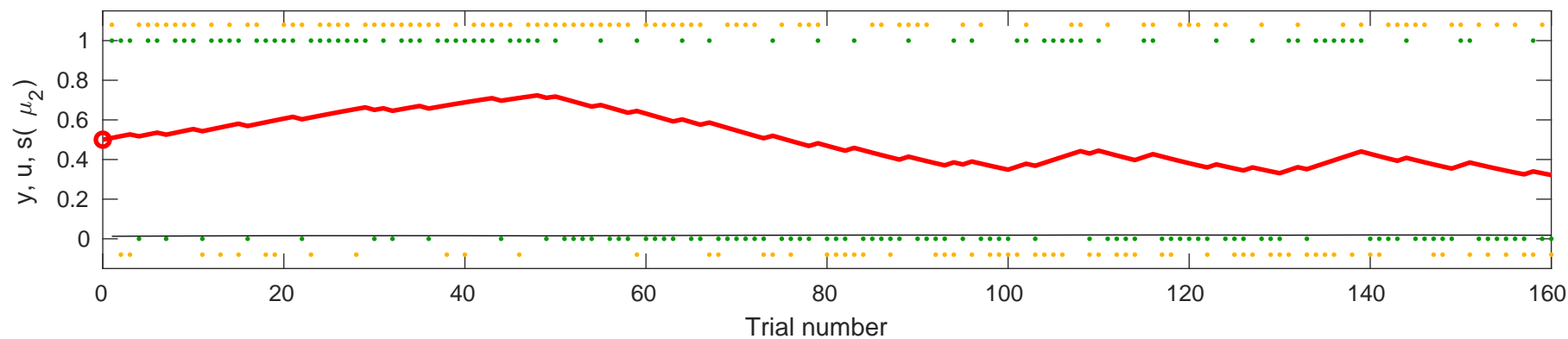


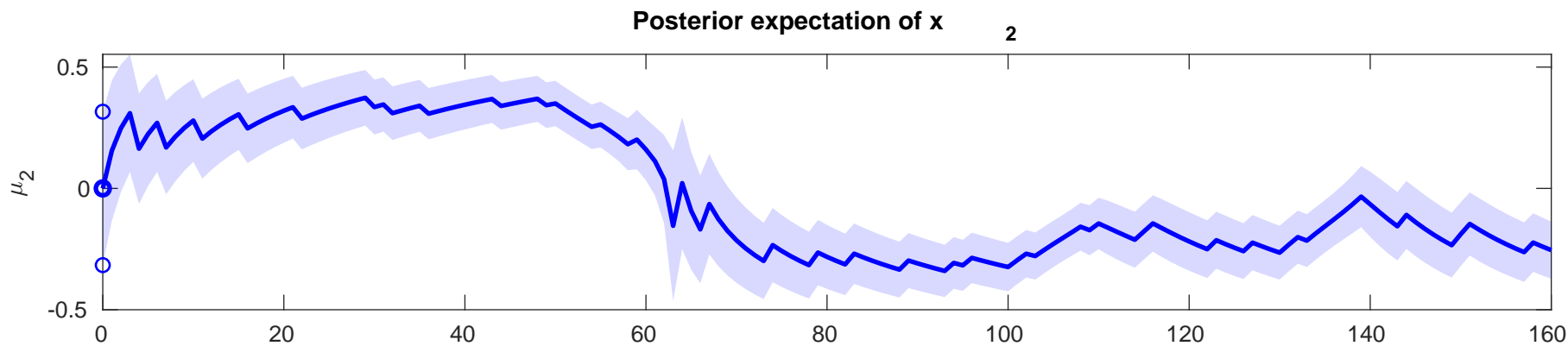
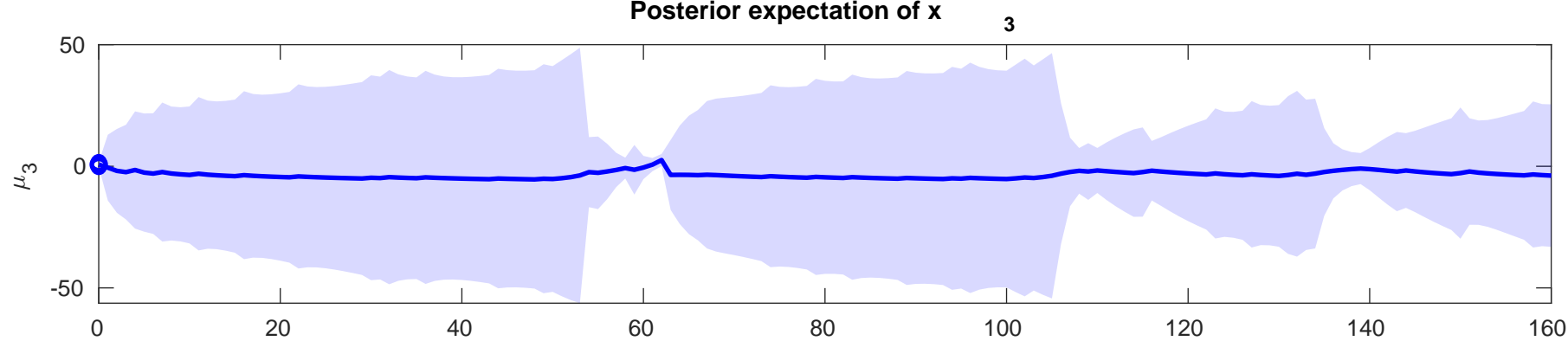
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.0589$



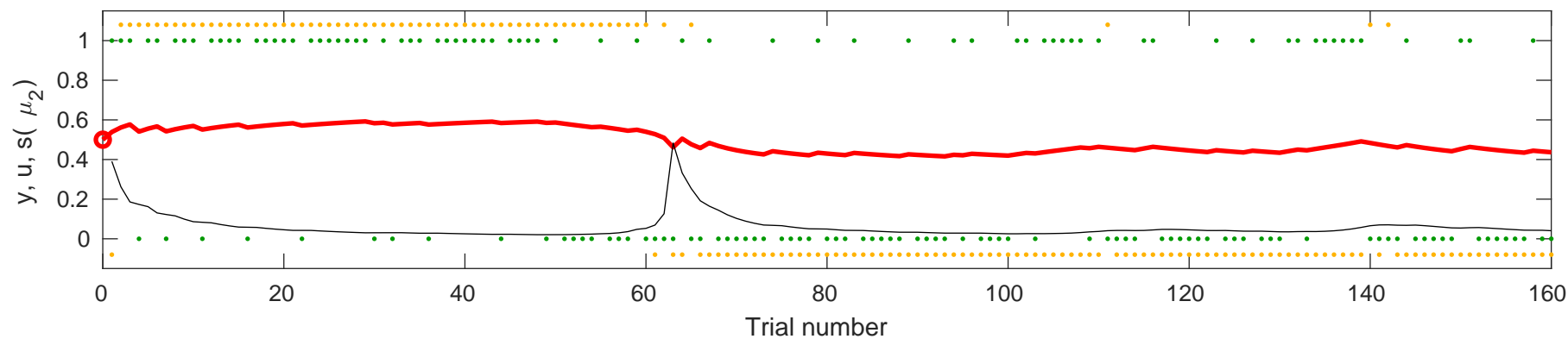


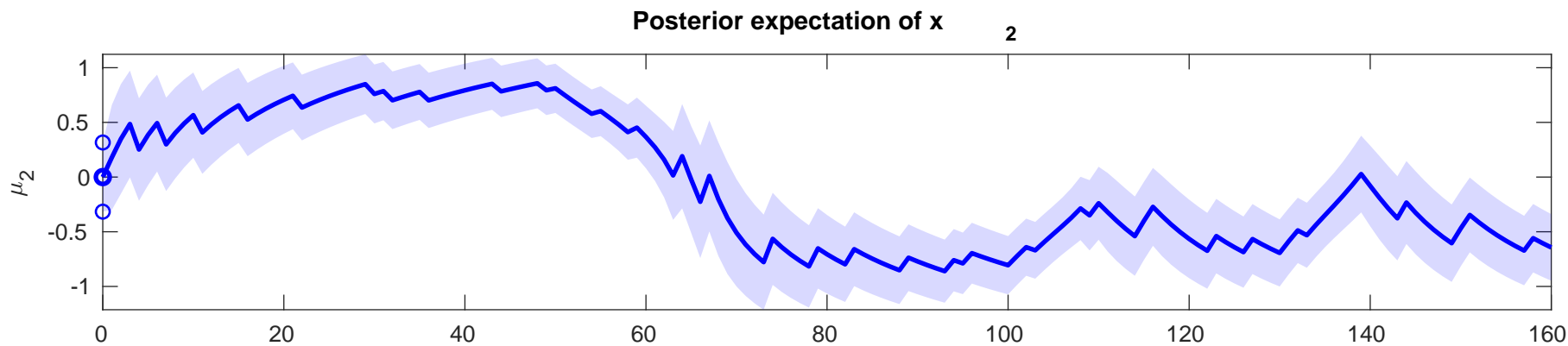
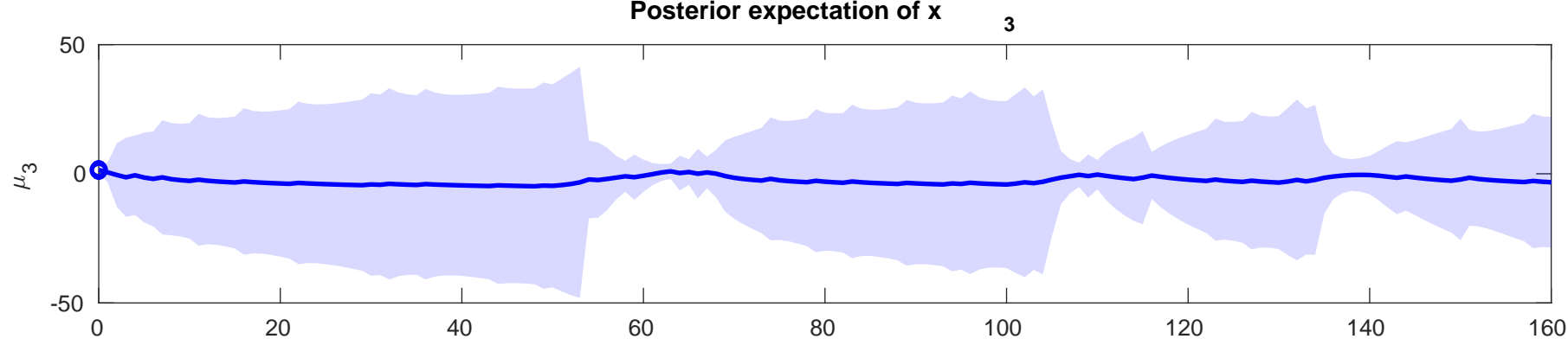
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.0948$



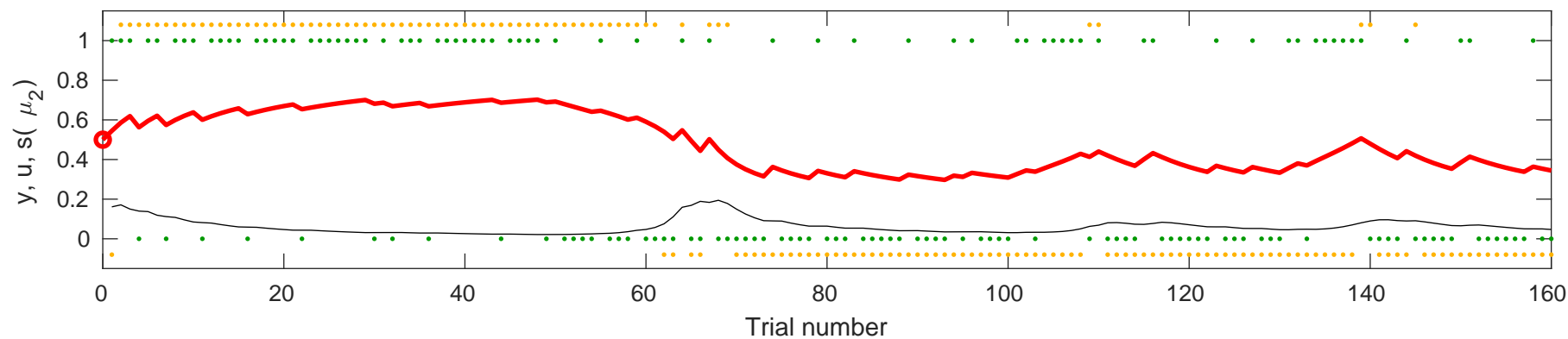


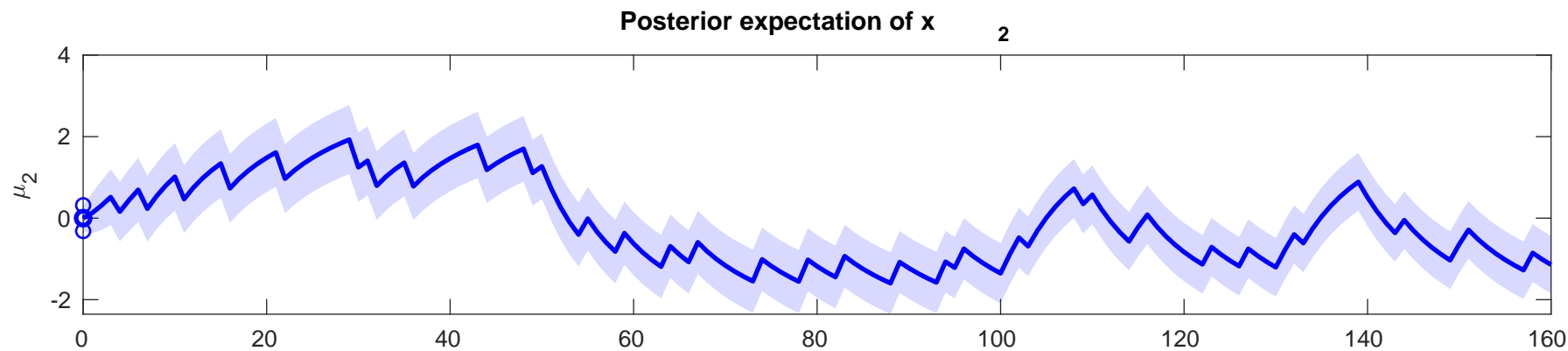
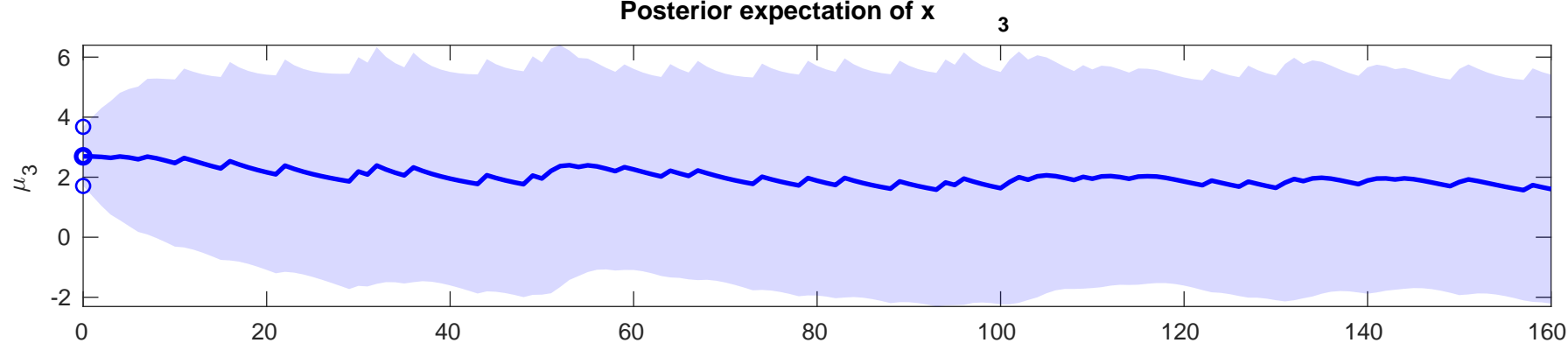
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.7503$



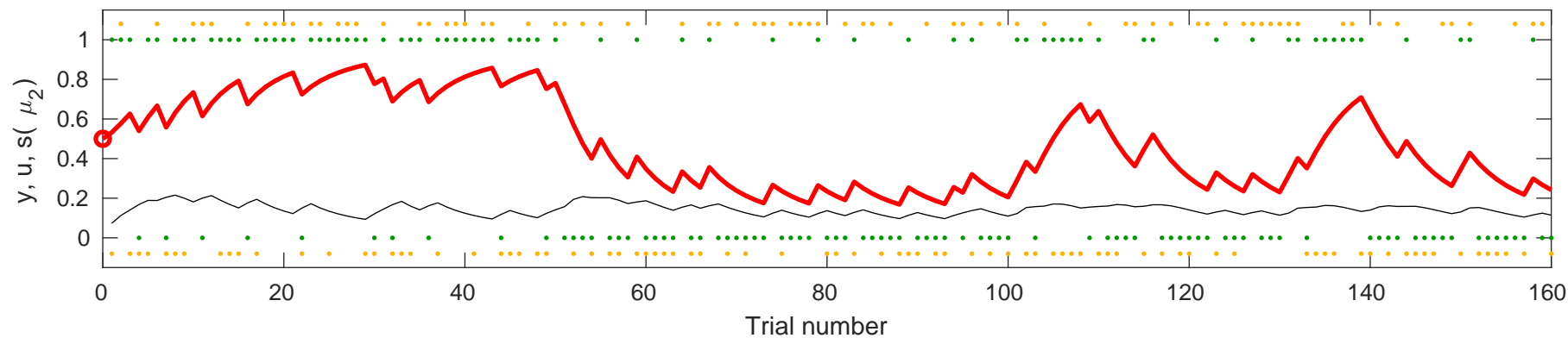


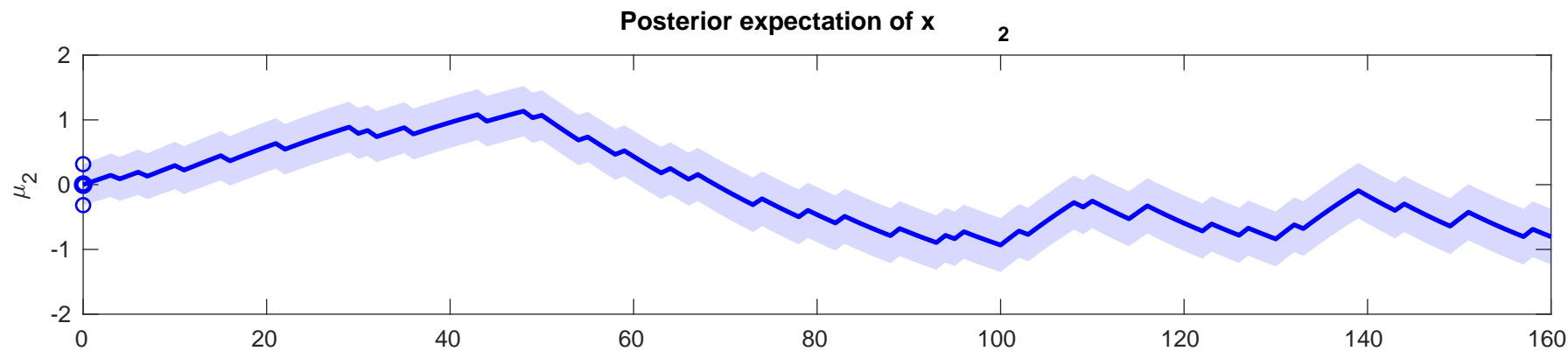
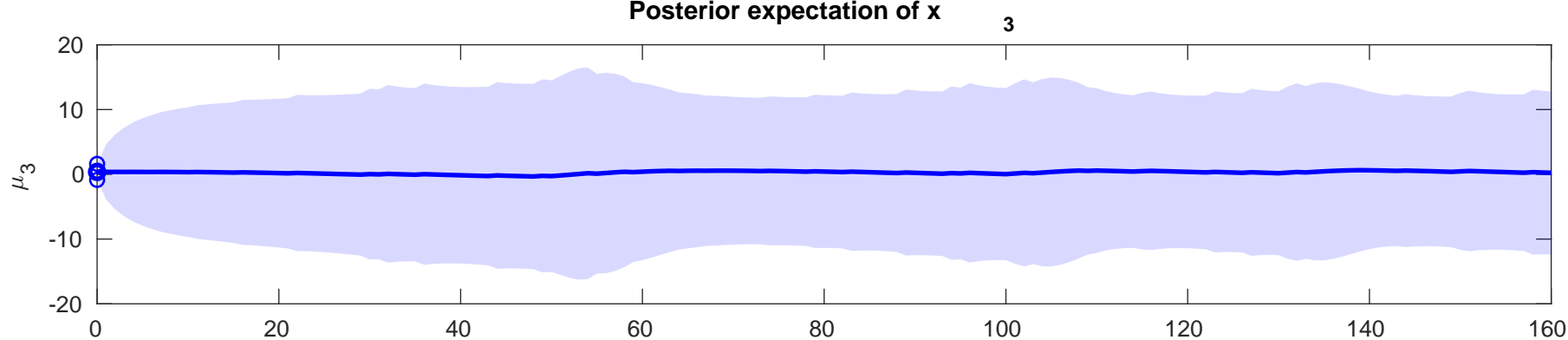
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.2537$



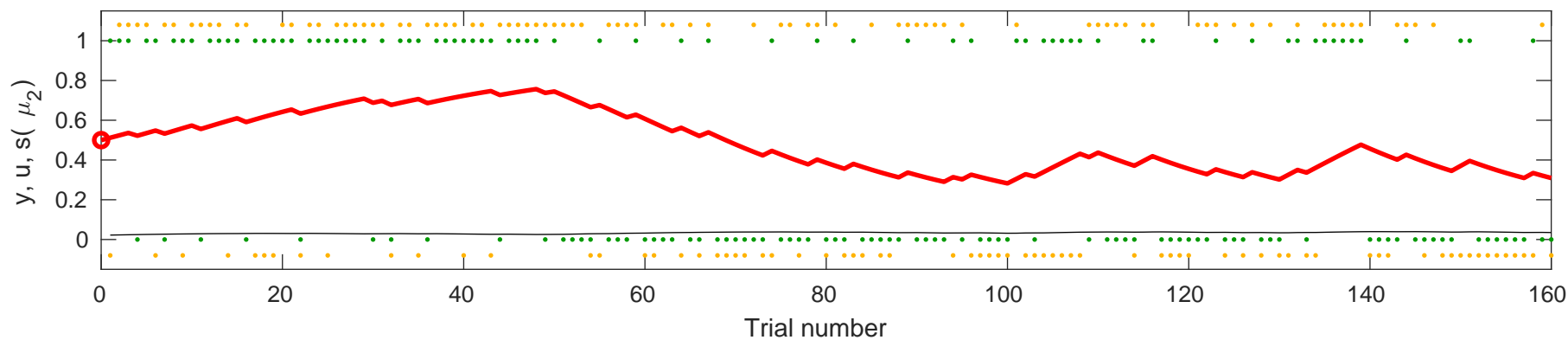


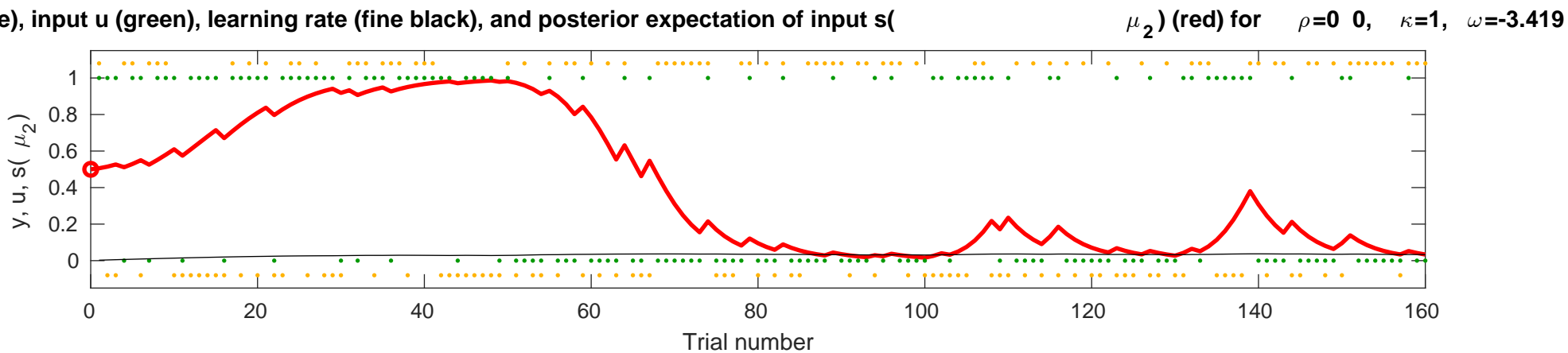
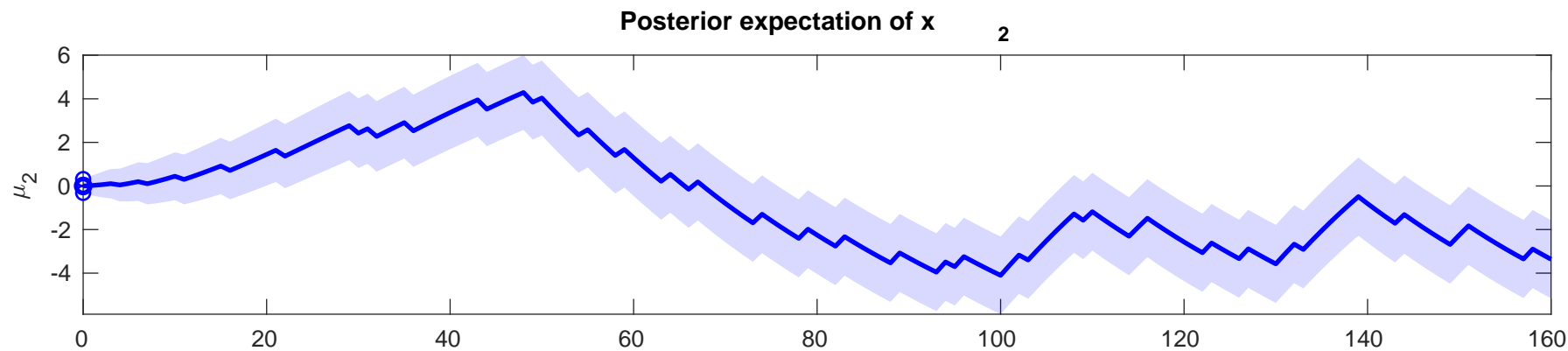
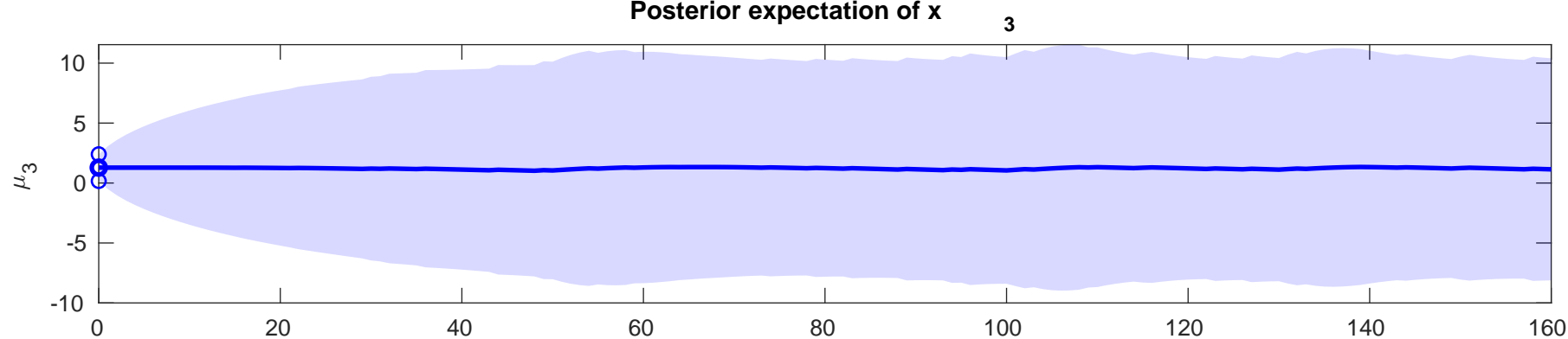
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-4.4985$

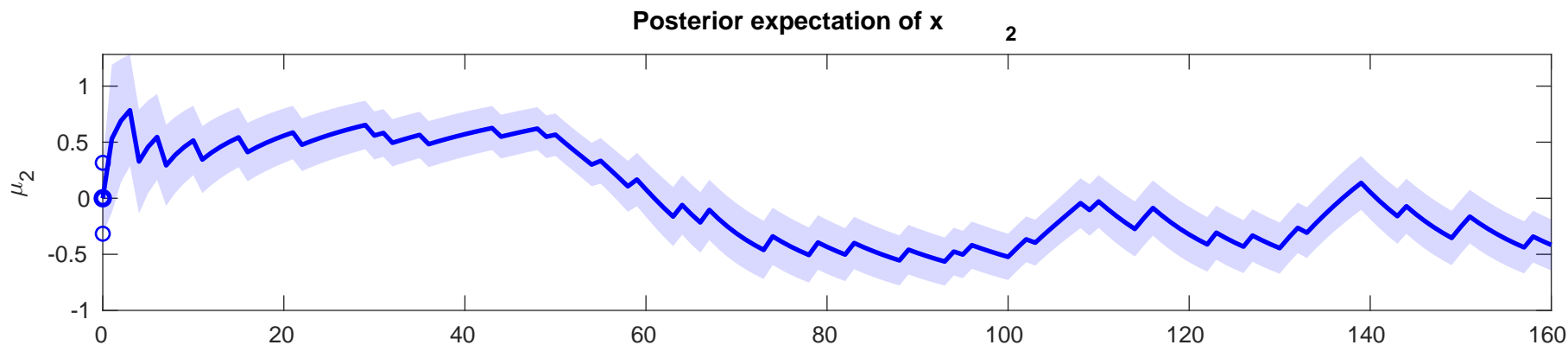
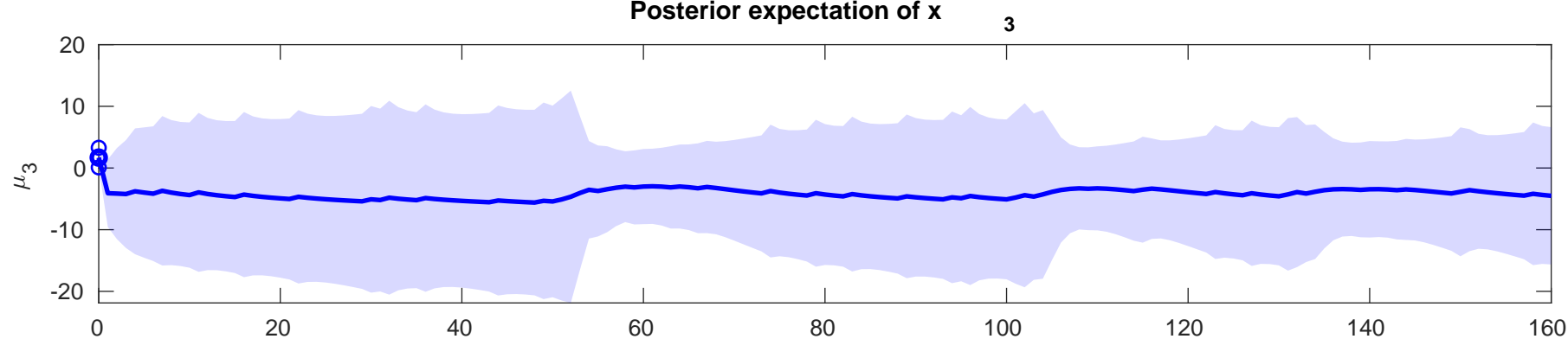




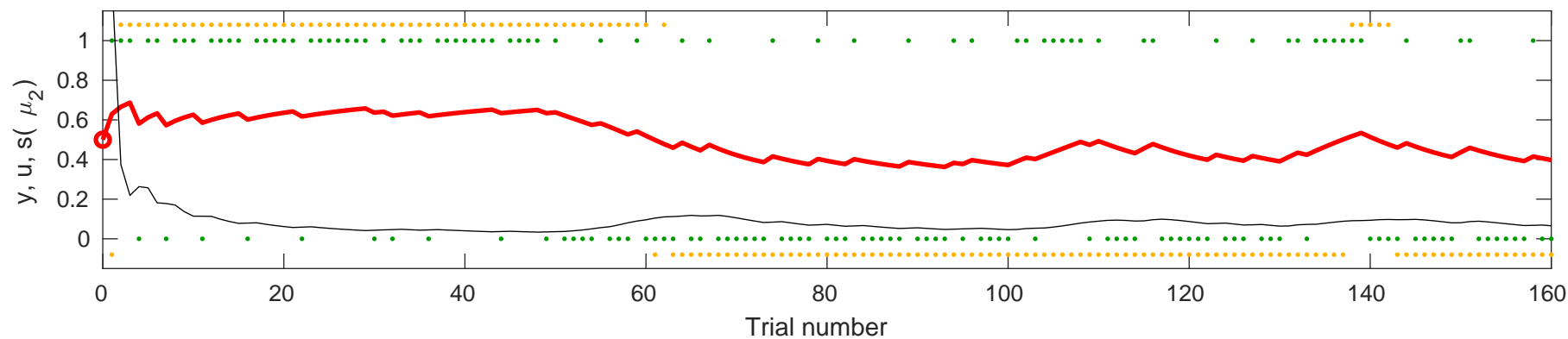
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.3985$

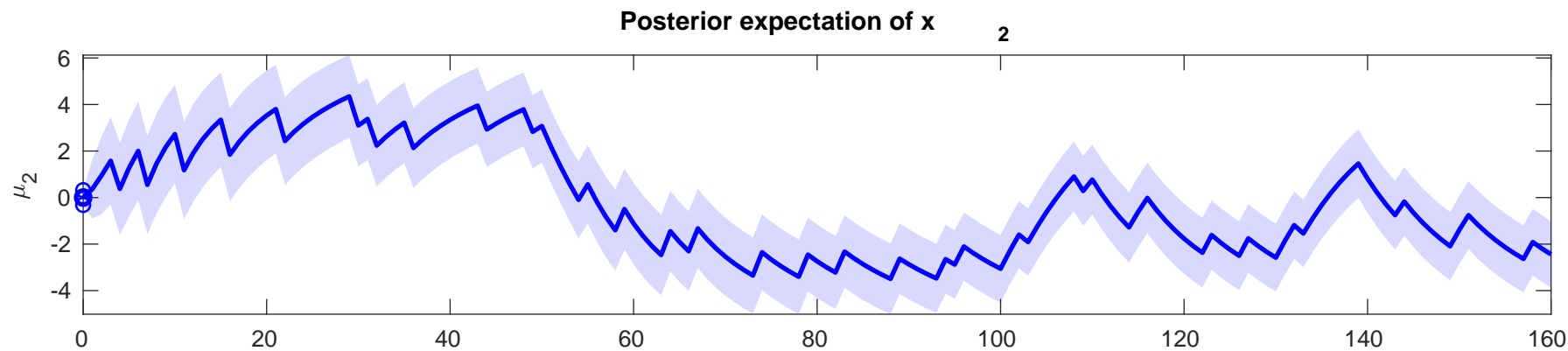
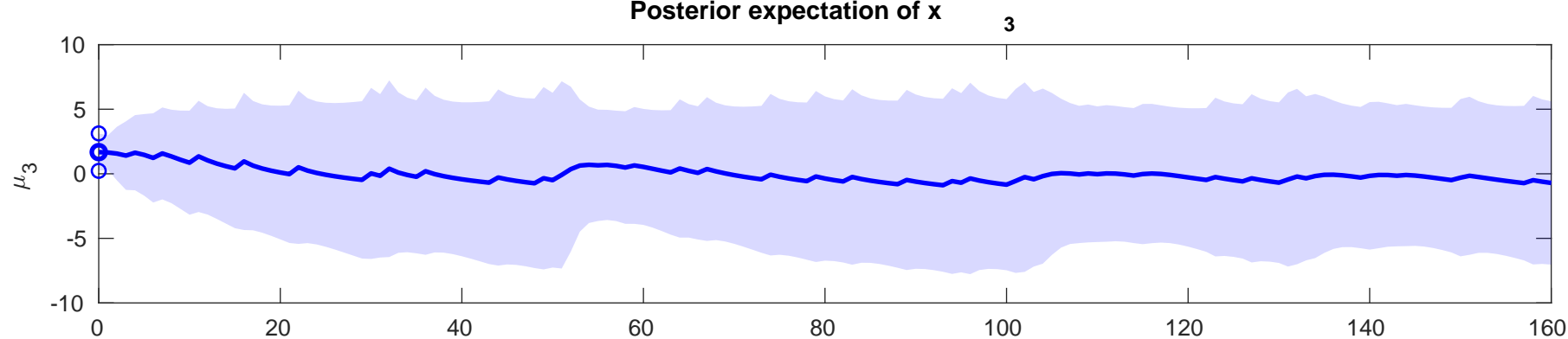




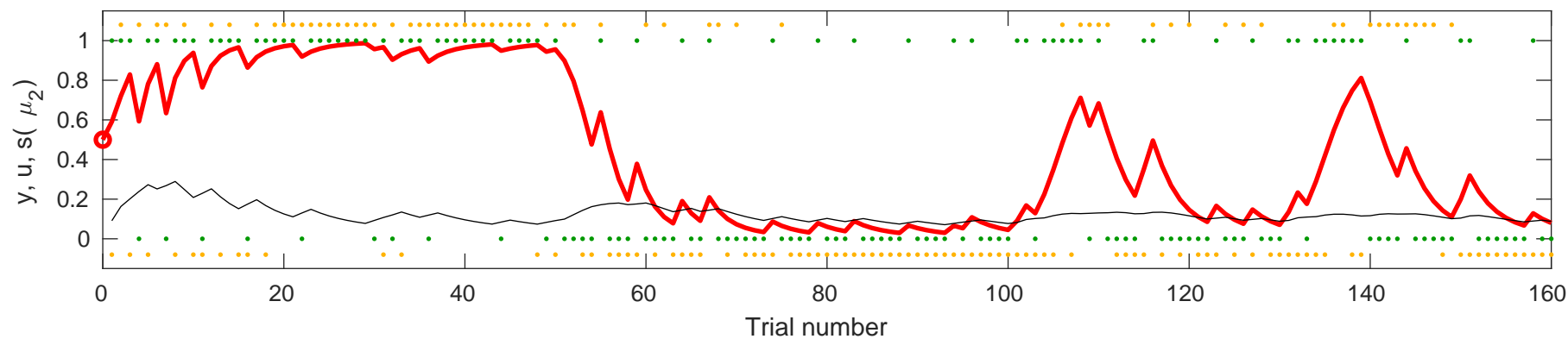


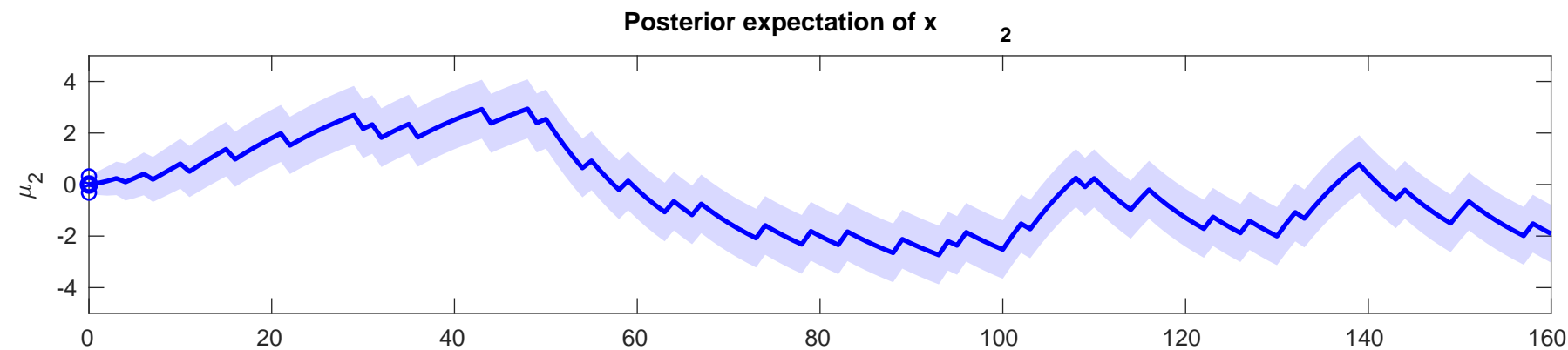
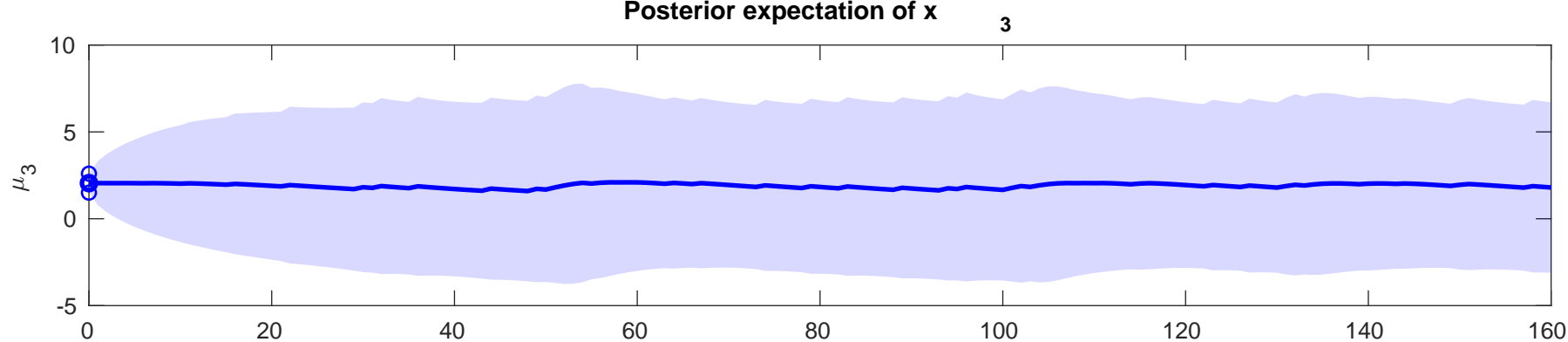
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.5639$



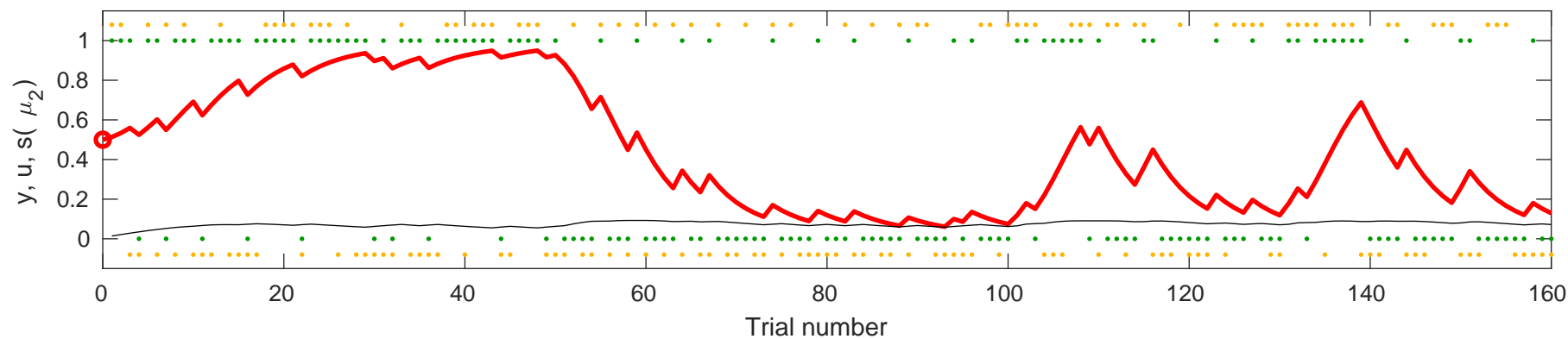


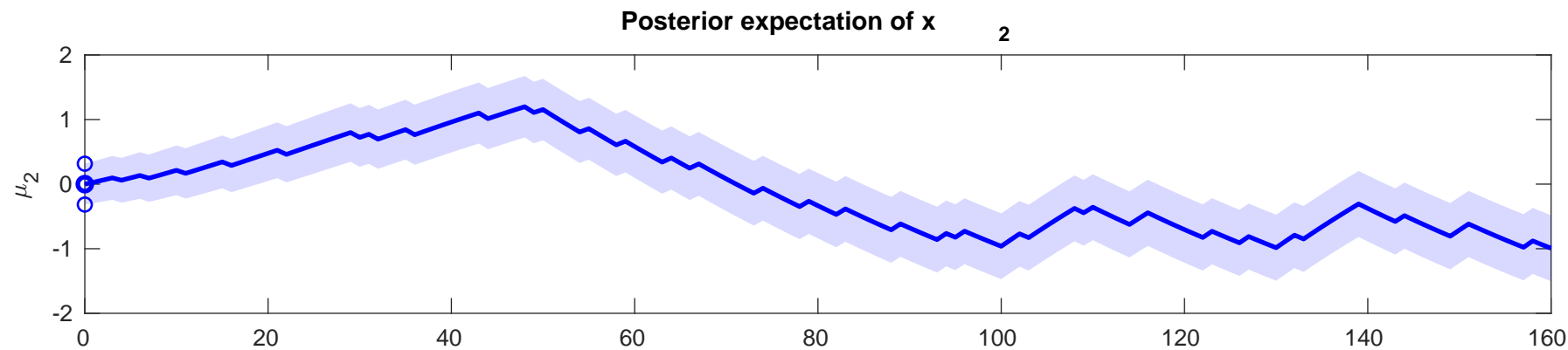
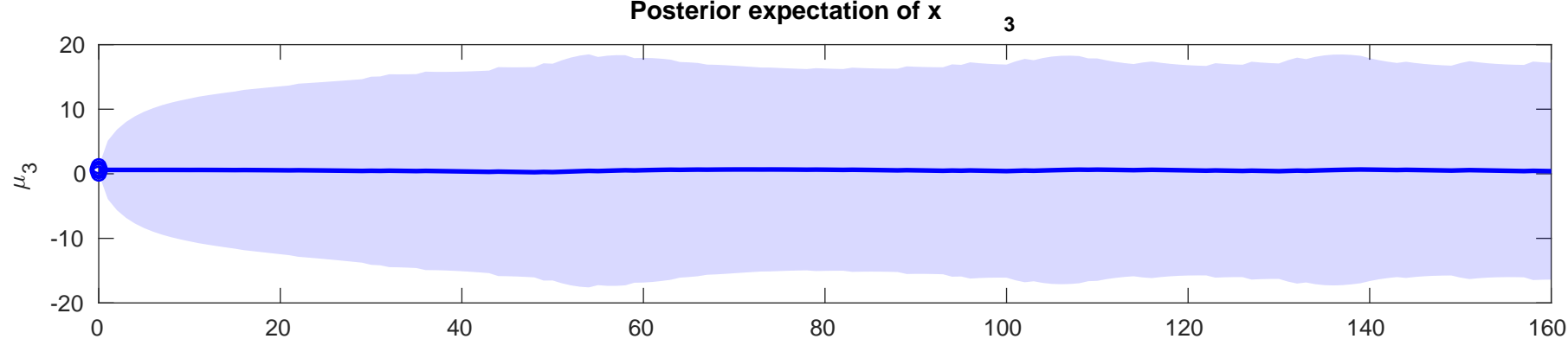
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.1638$



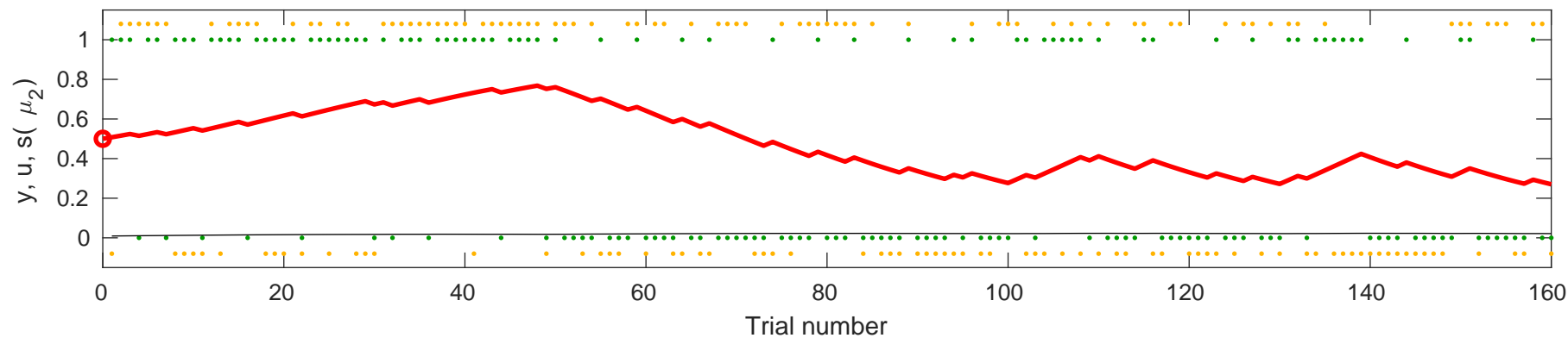


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.2176$



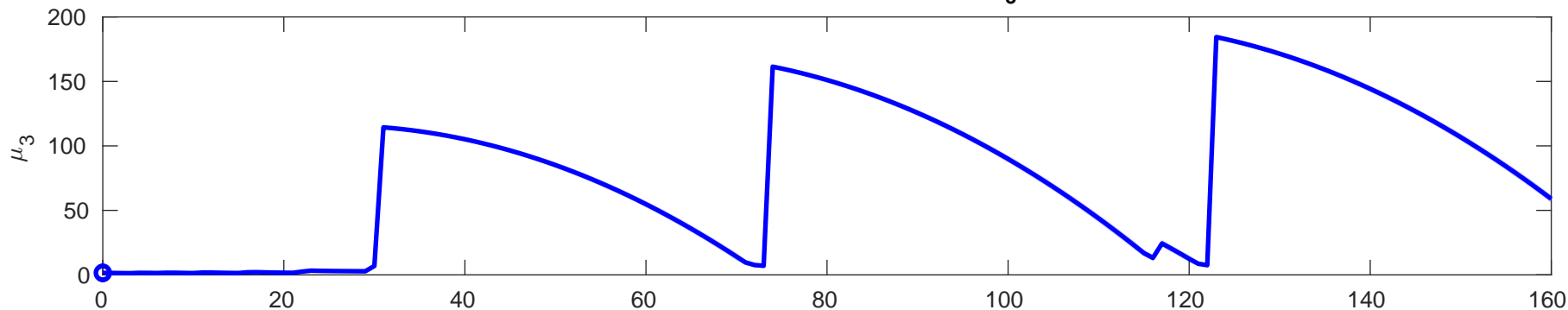


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.6798$



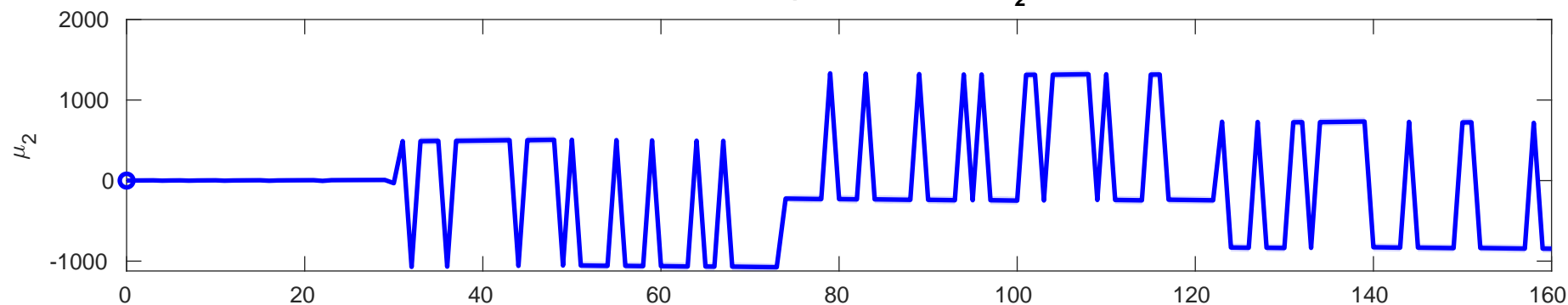
Posterior expectation of x

3

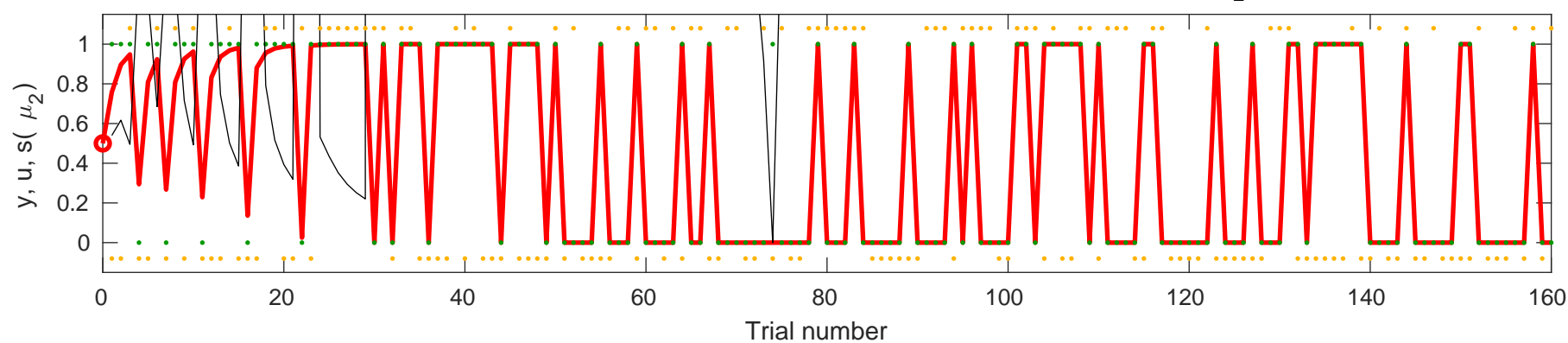


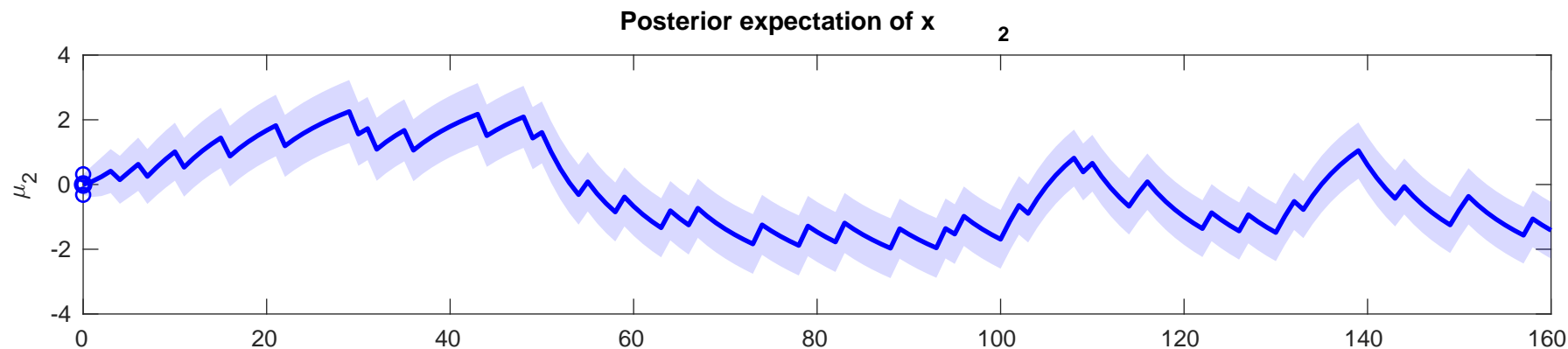
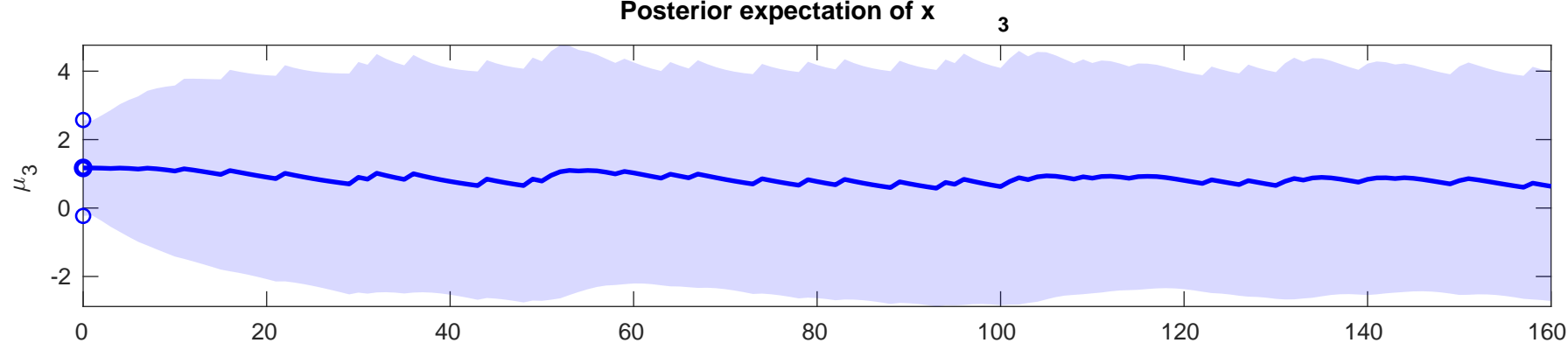
Posterior expectation of x

2

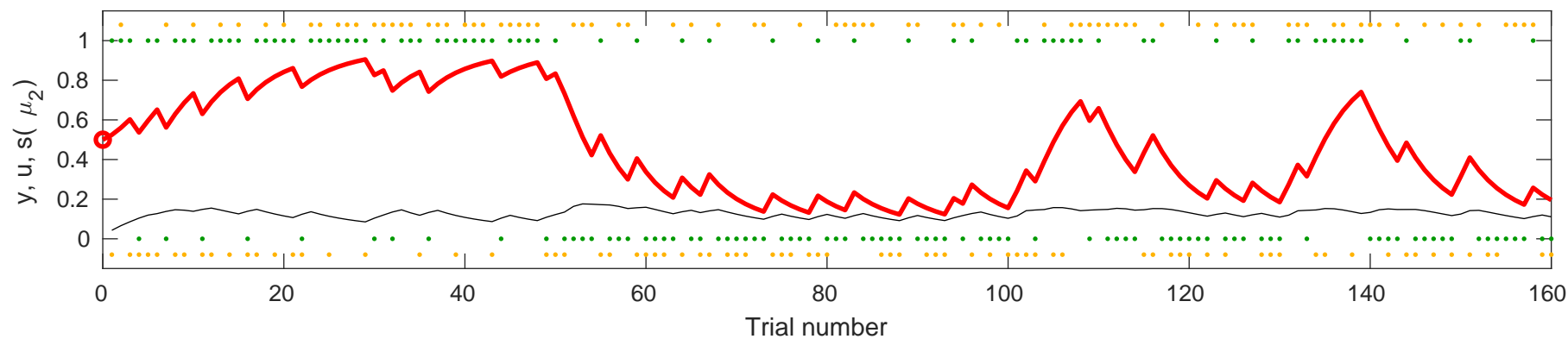


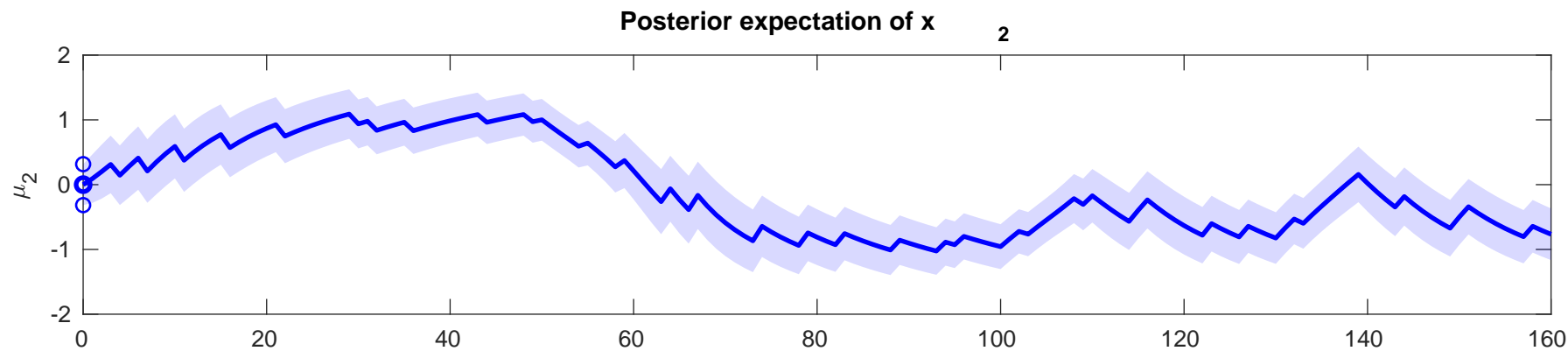
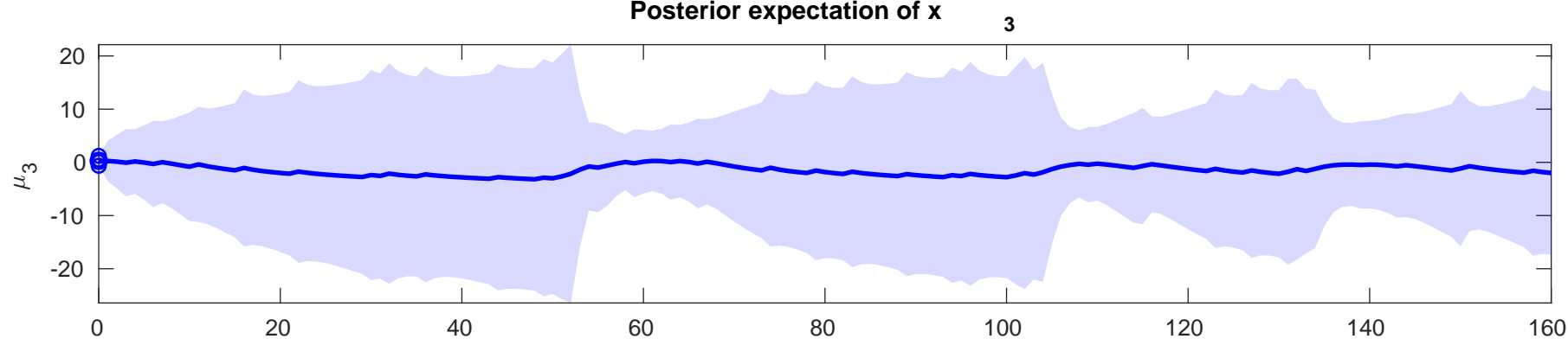
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=0.17241$



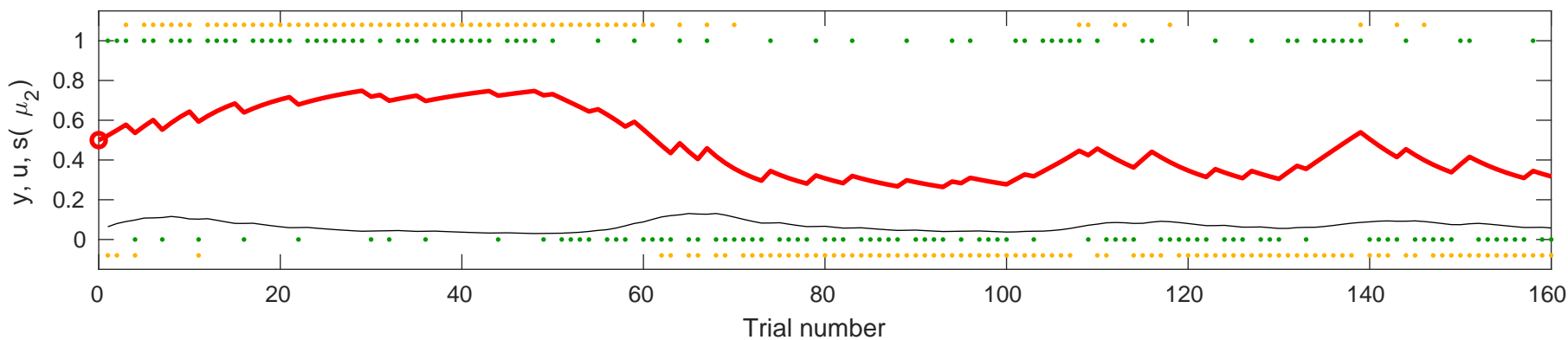


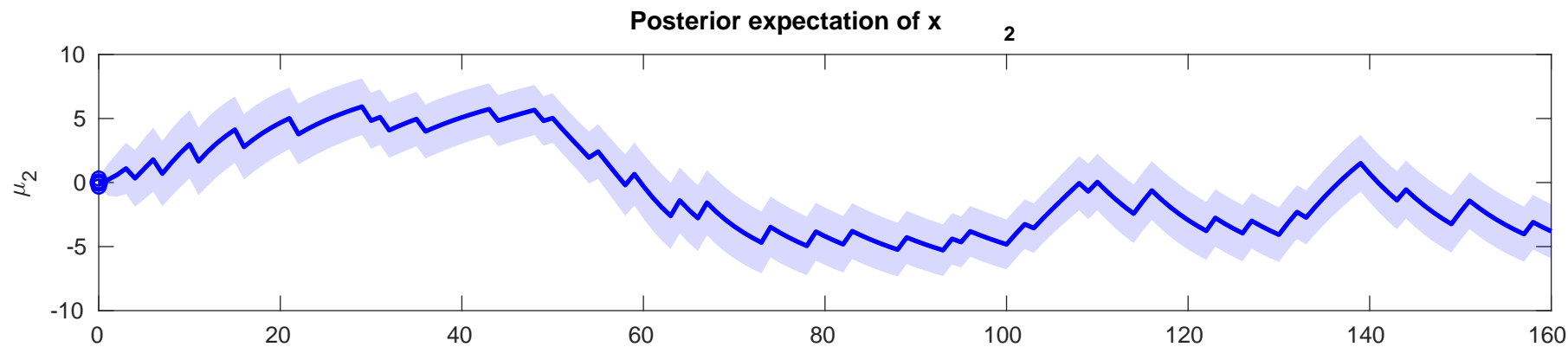
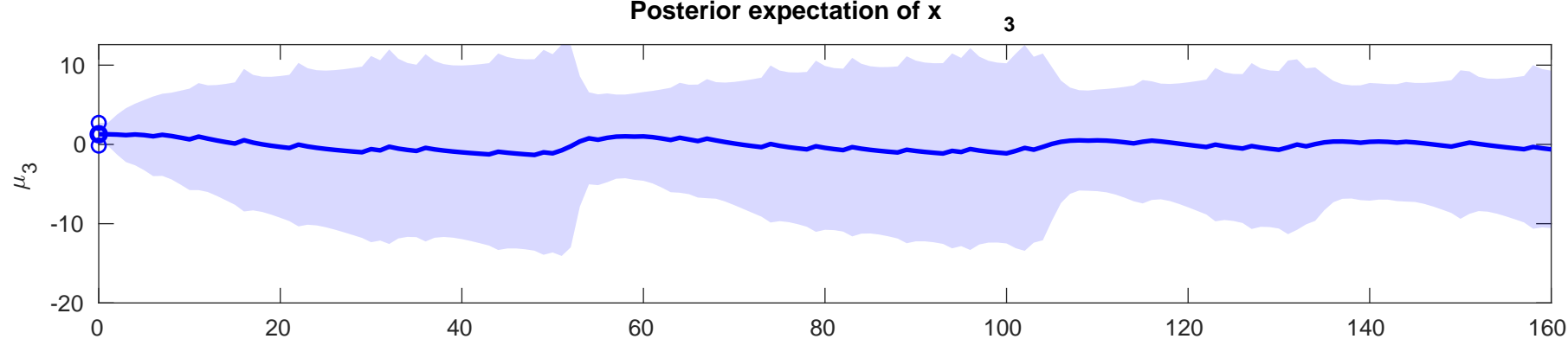
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-3.0965$



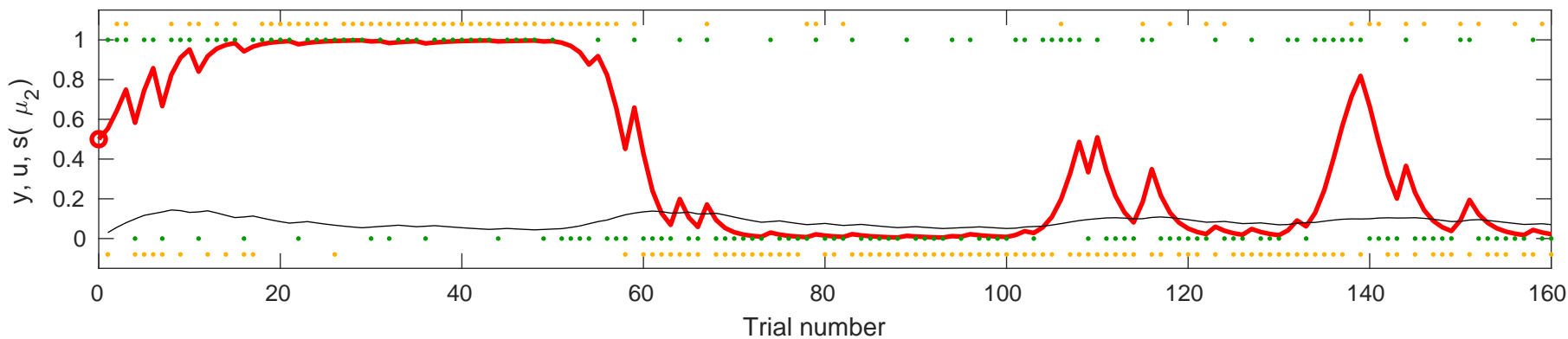


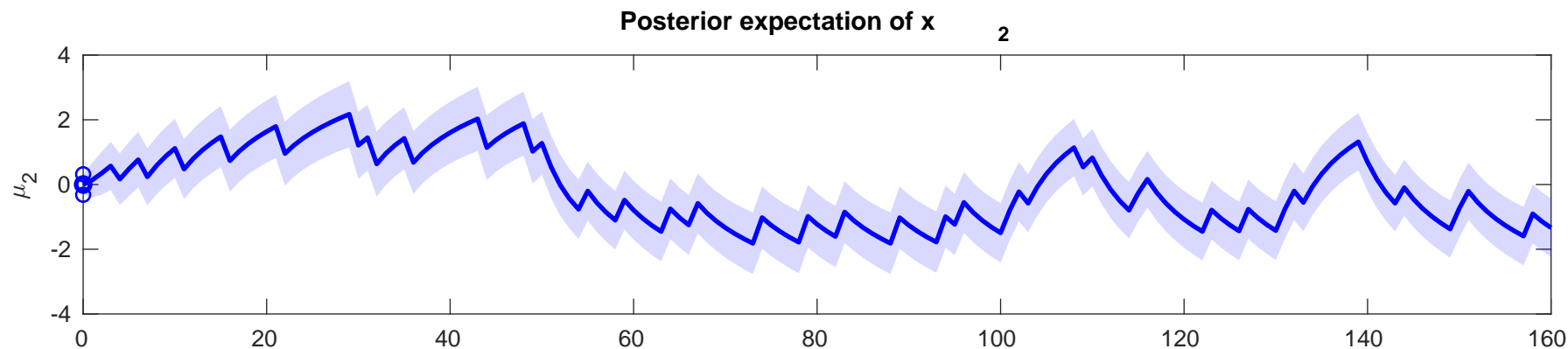
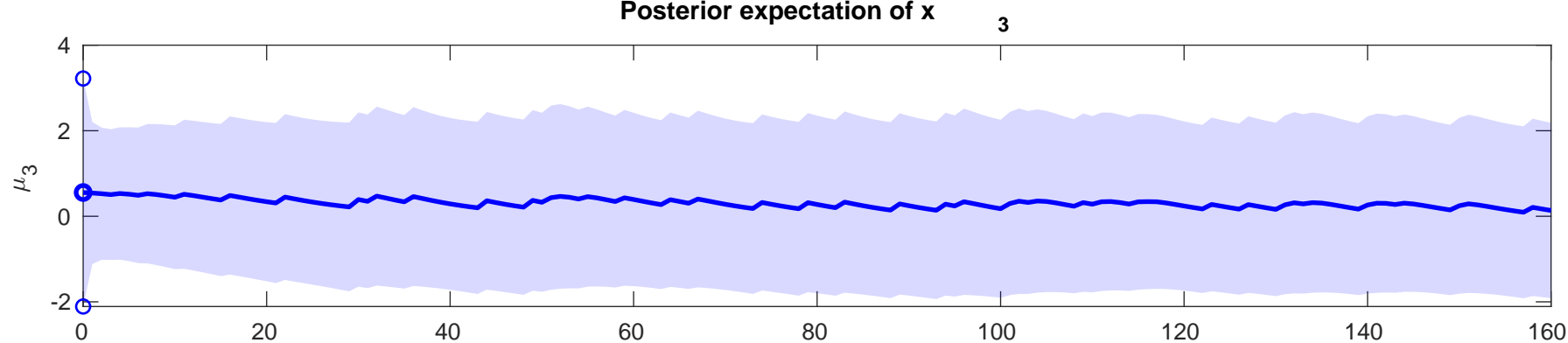
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.3009$



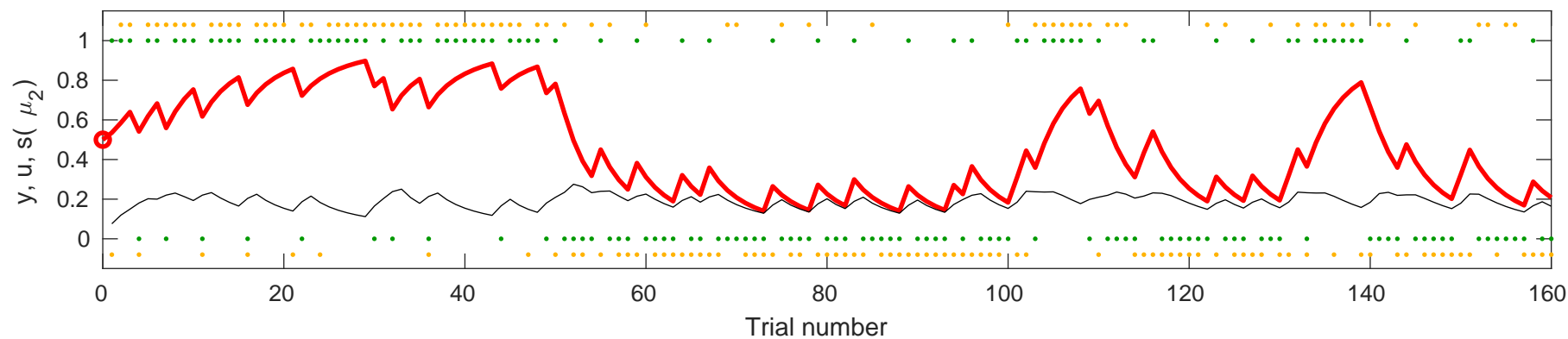


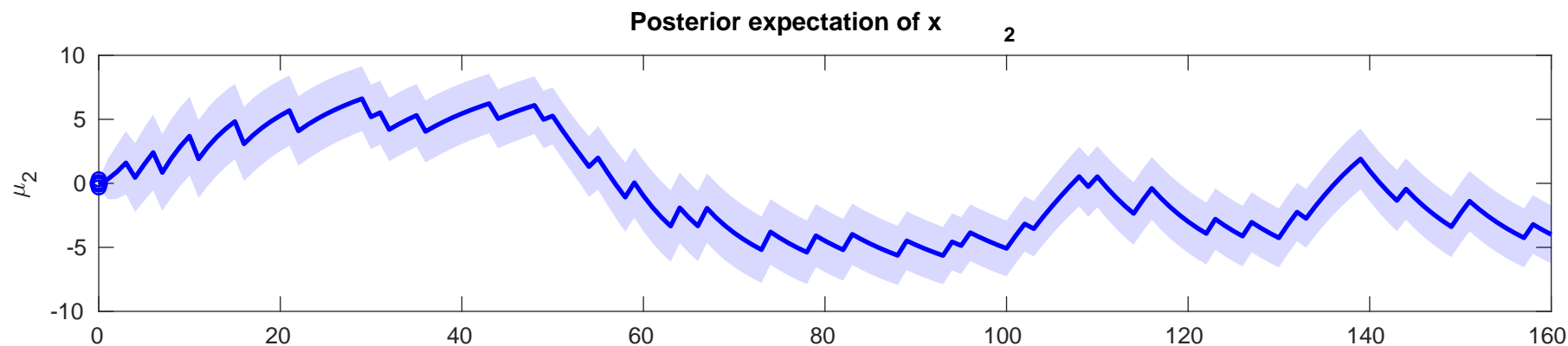
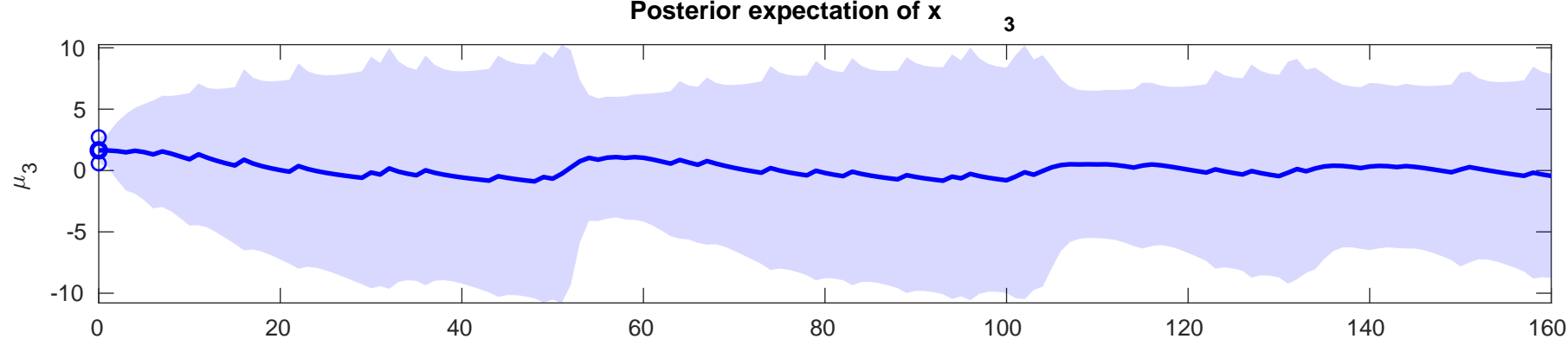
output y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-0.87525$



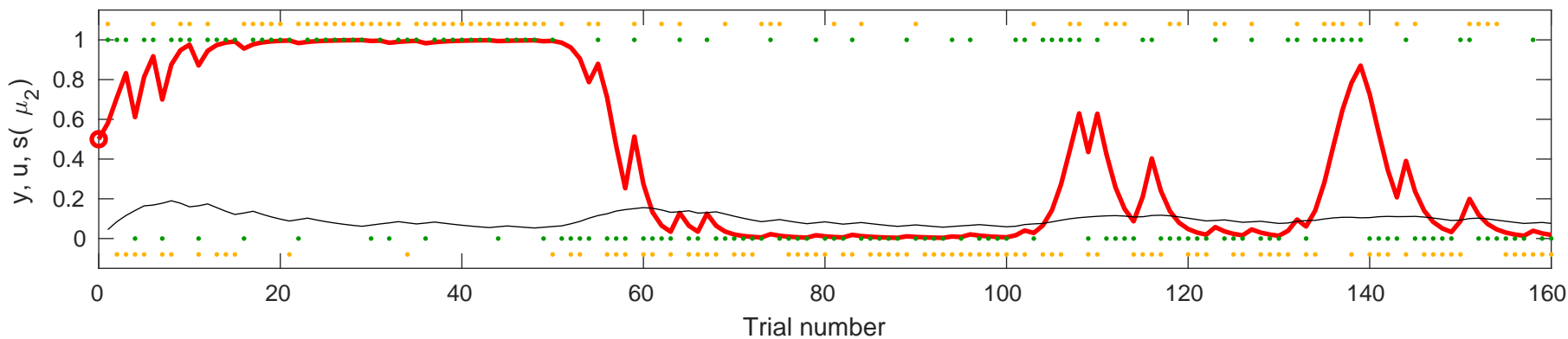


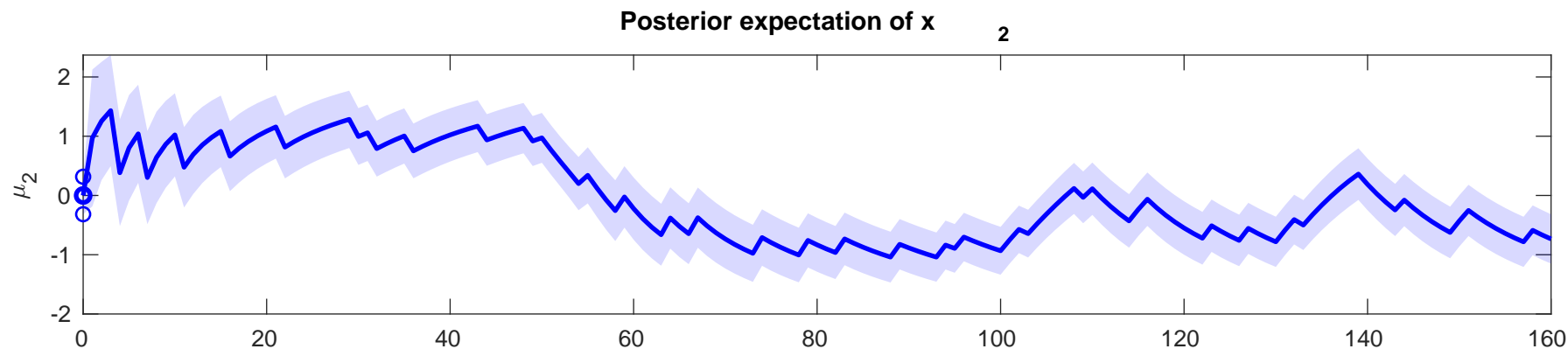
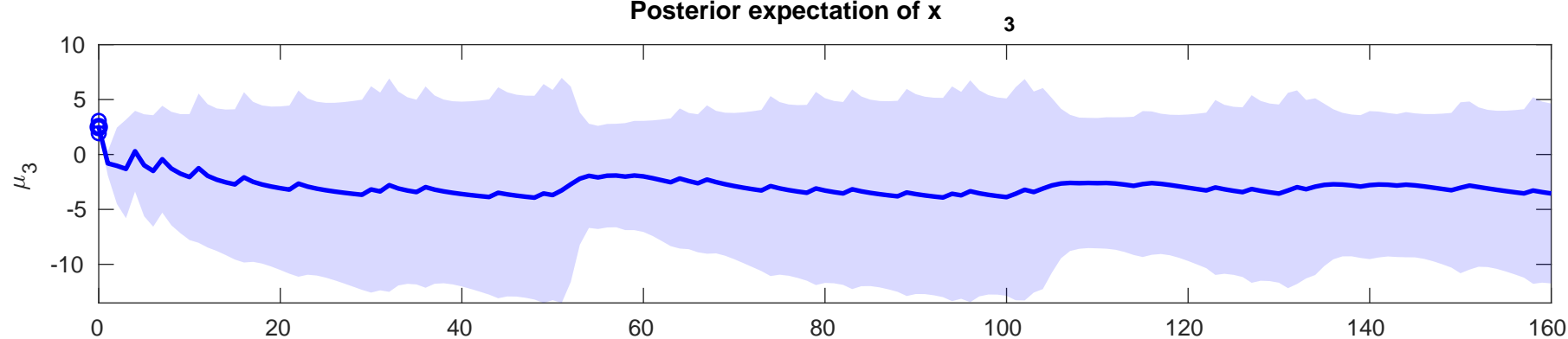
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.1287$



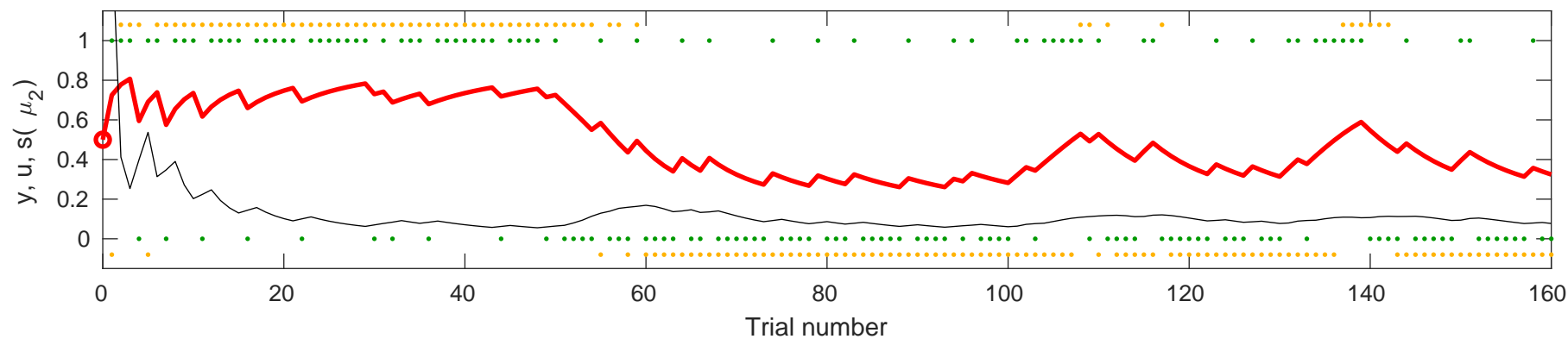


the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-0.74823$



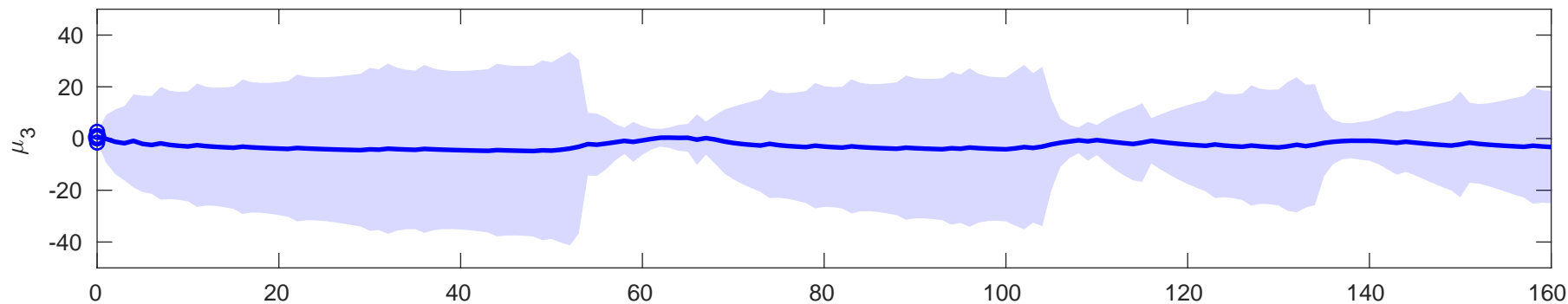


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.0092$

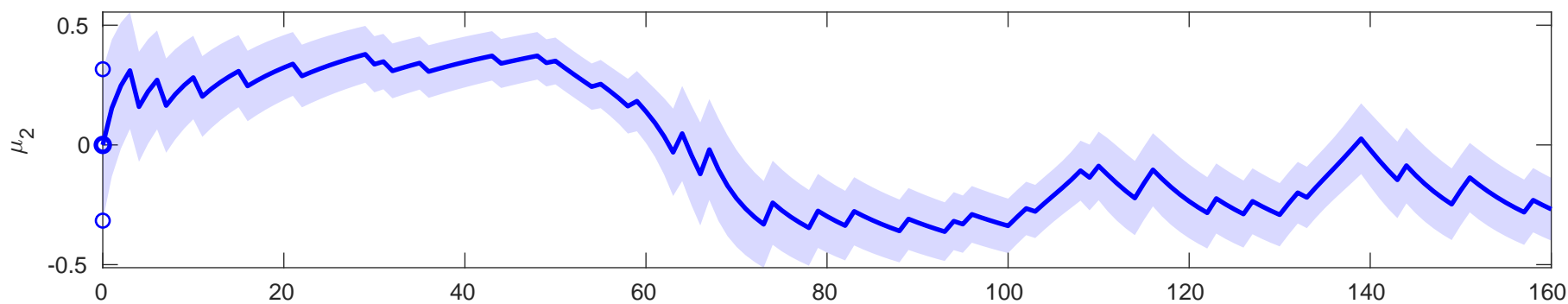
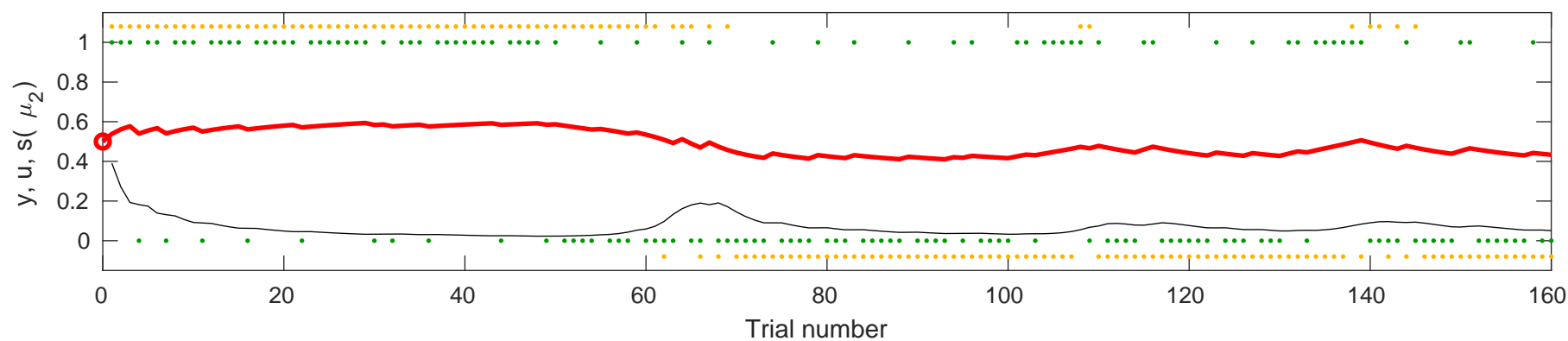


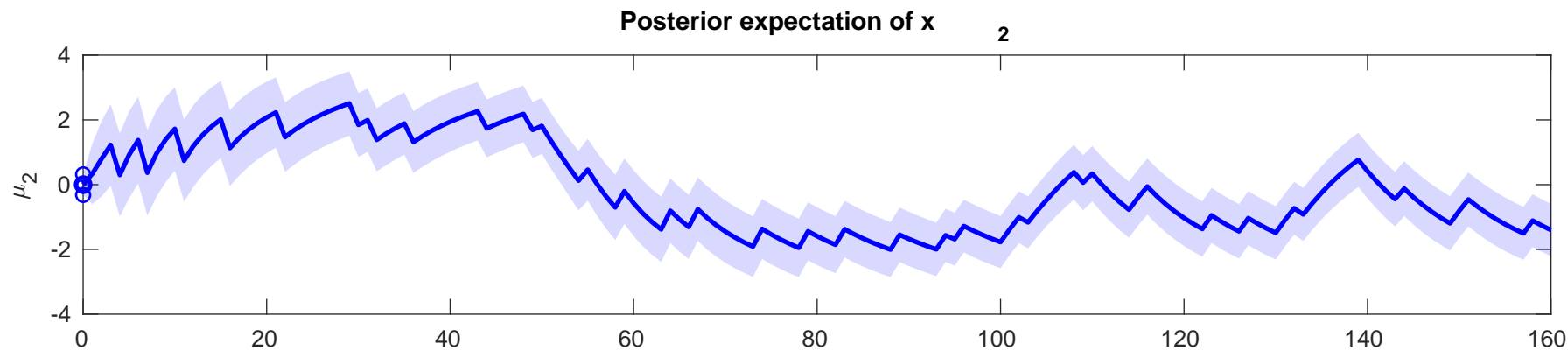
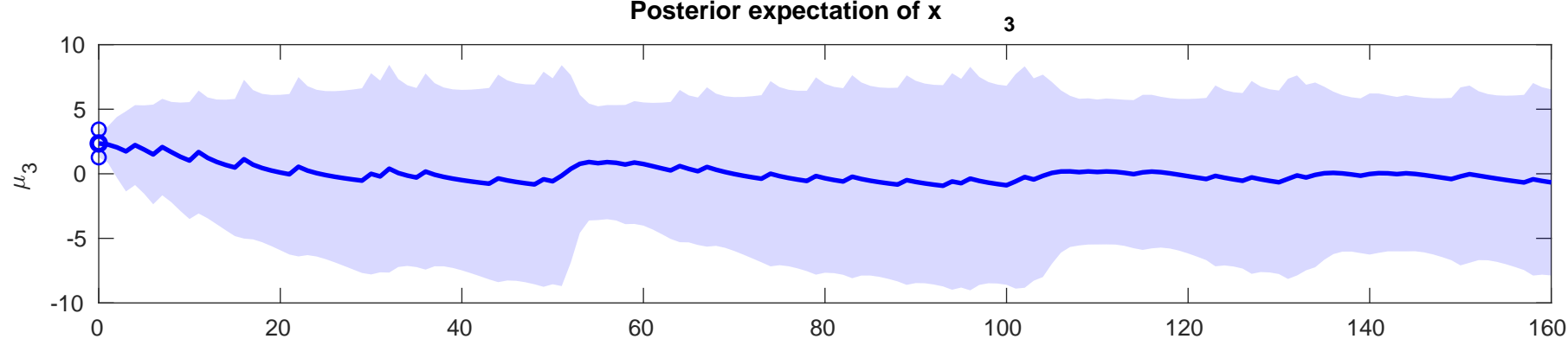
Posterior expectation of x

3

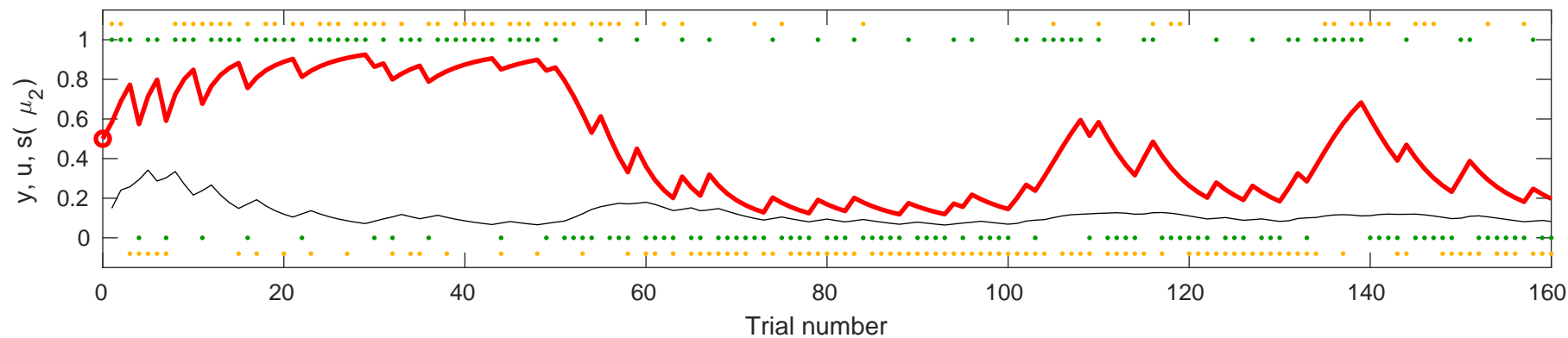
Posterior expectation of x

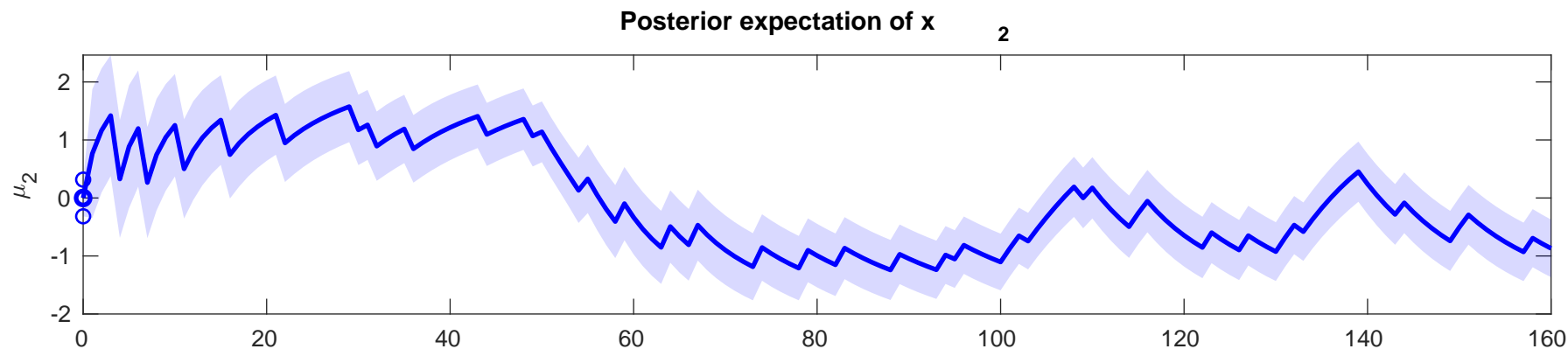
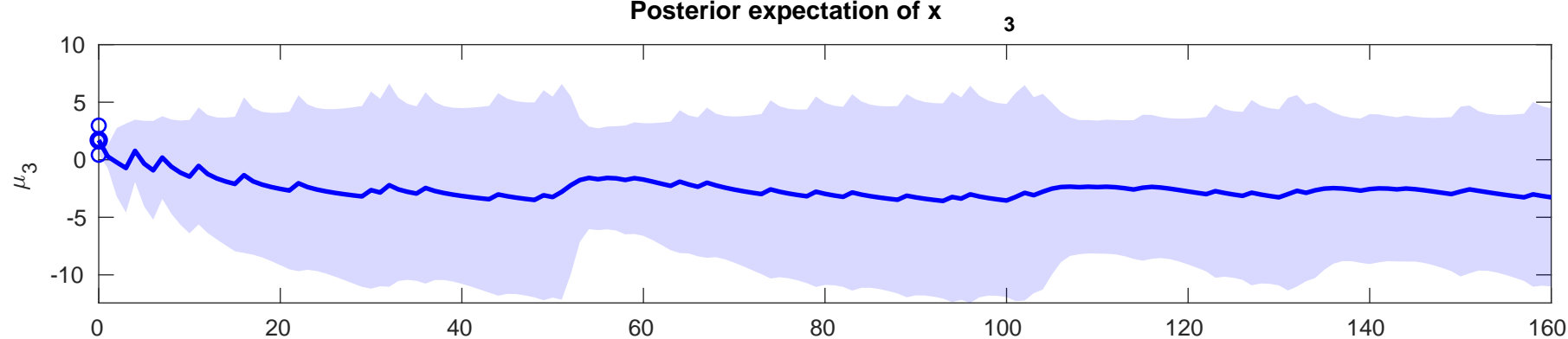
2

se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-4.7192$ 

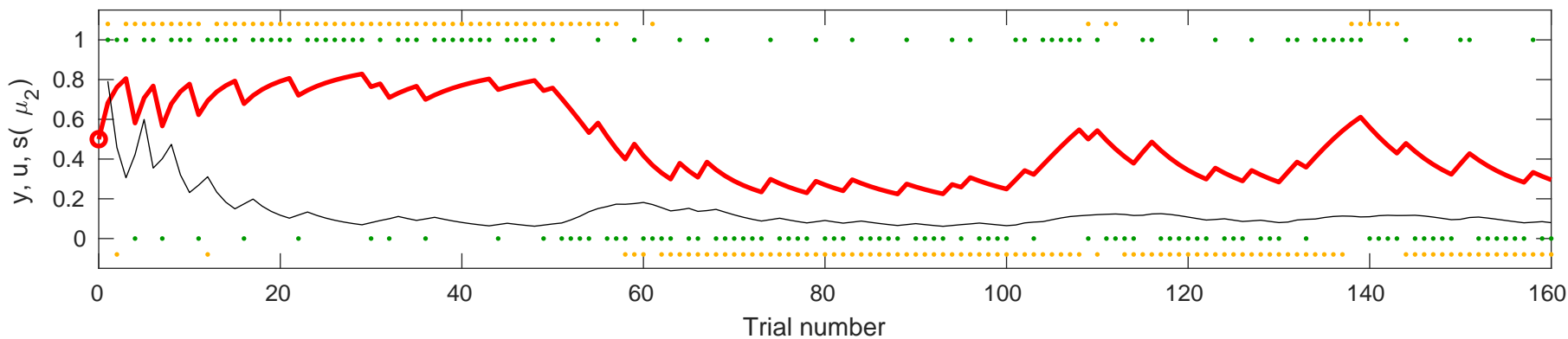


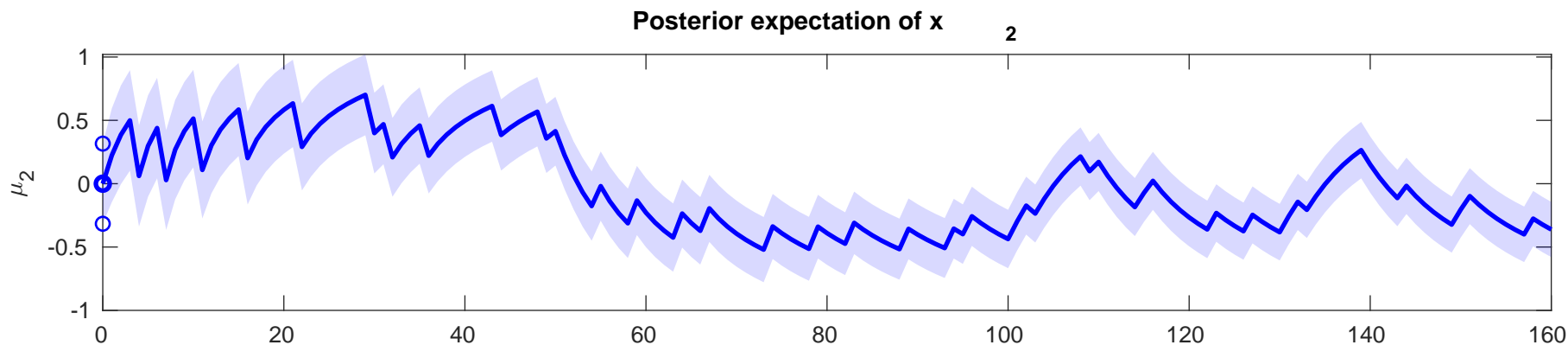
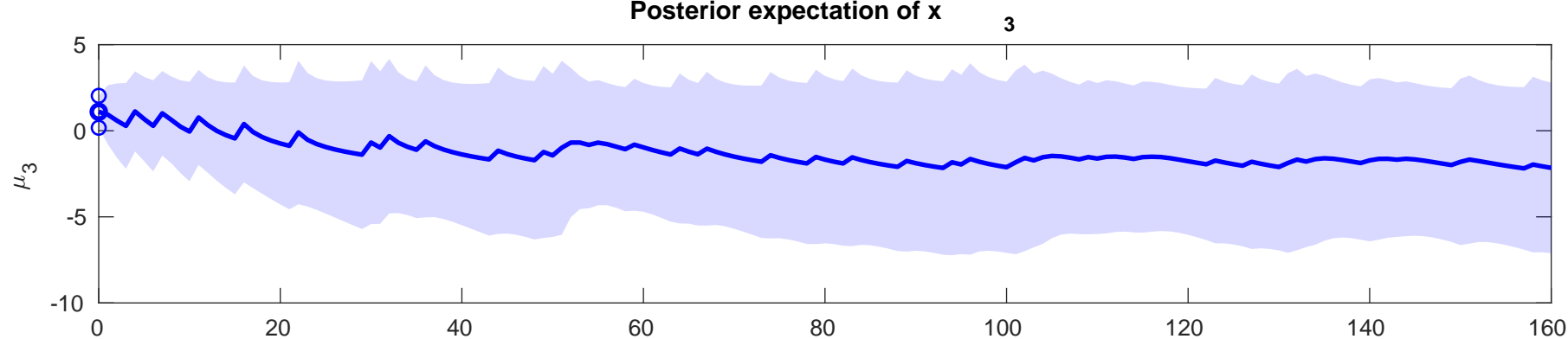
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.4541$



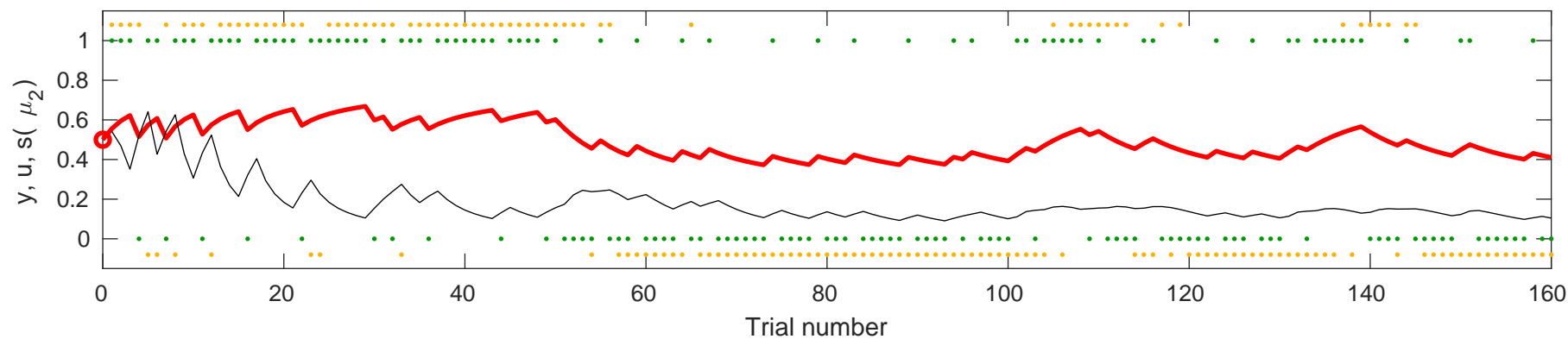


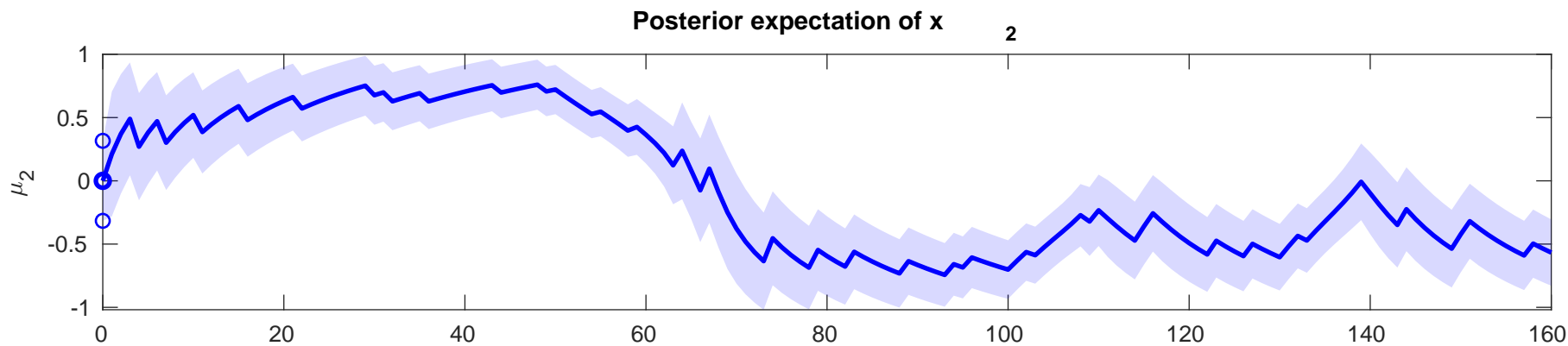
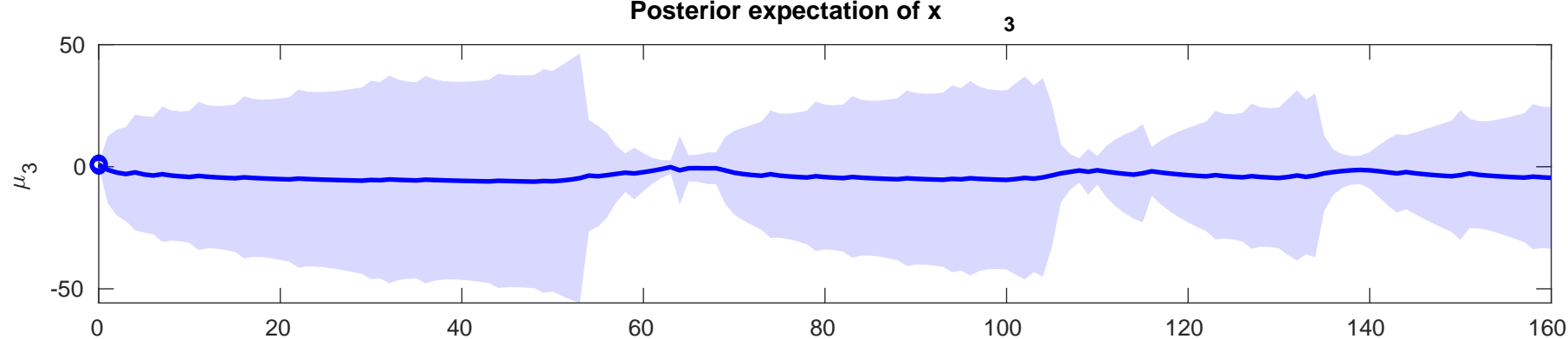
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-0.88977$



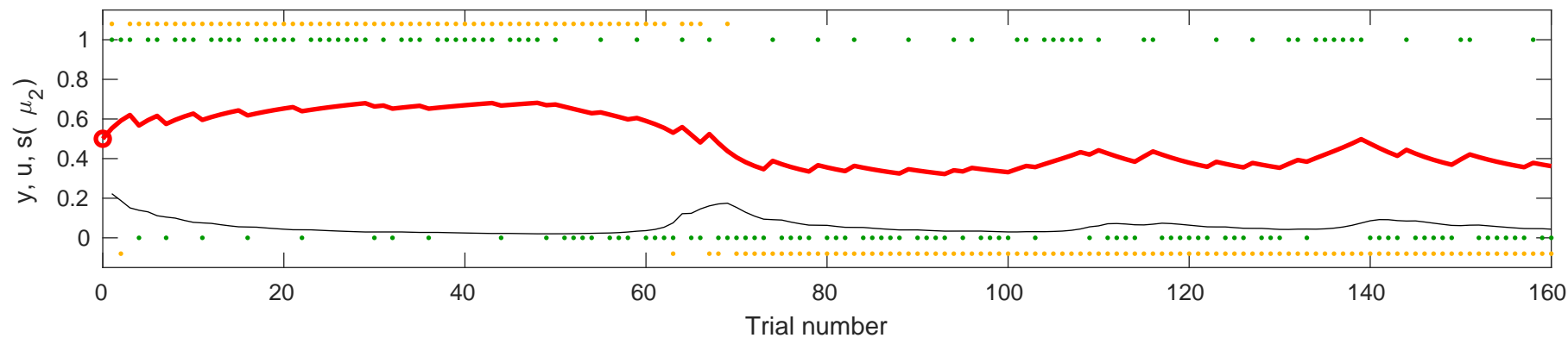


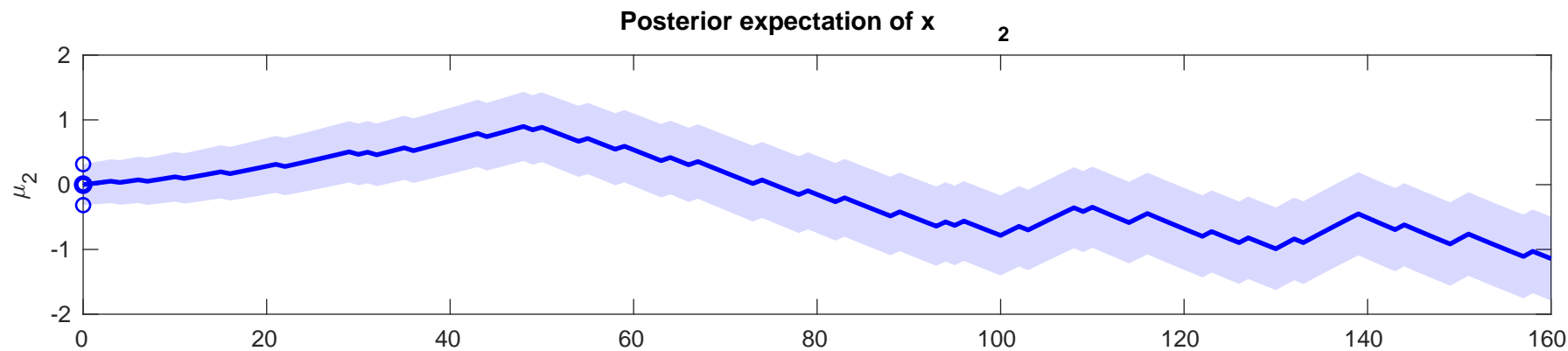
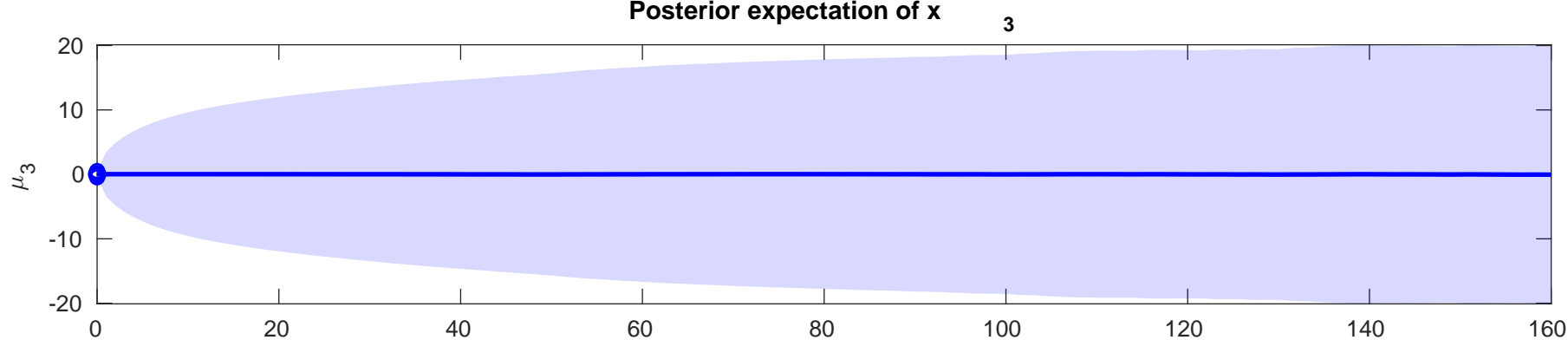
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.2486$



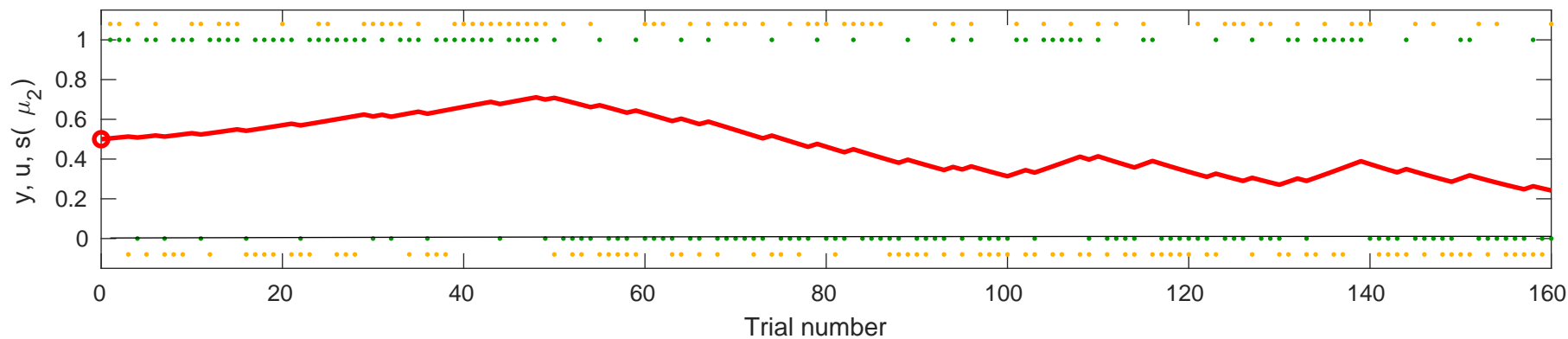


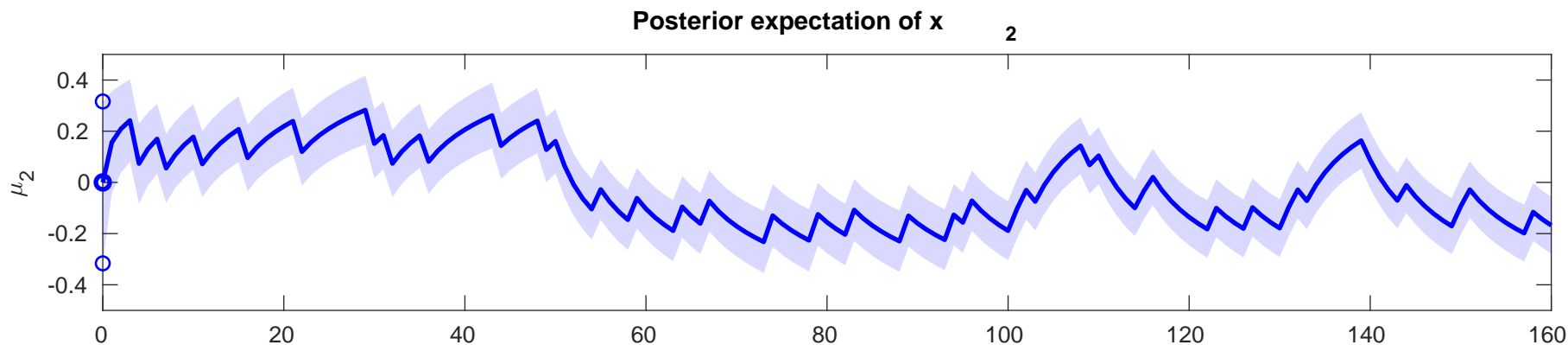
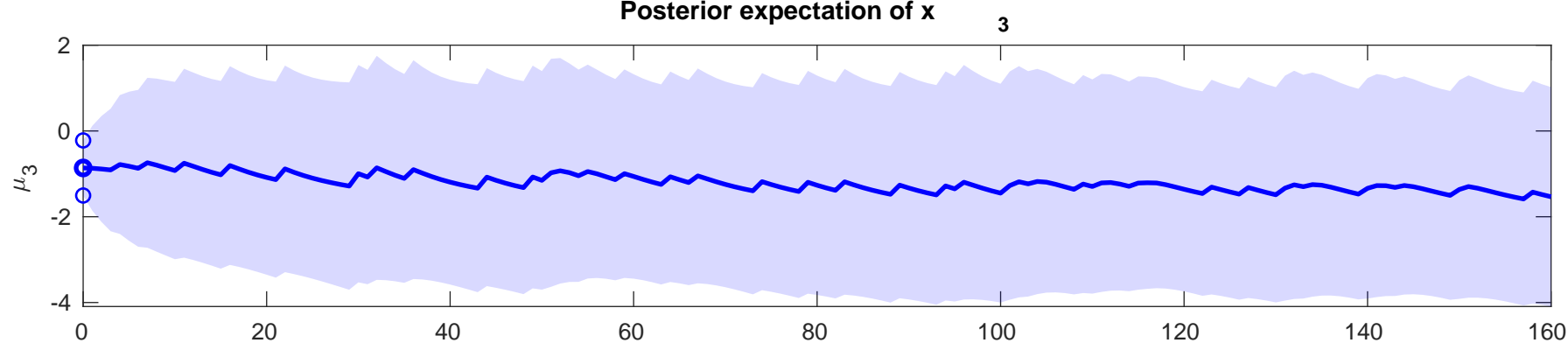
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.5043$



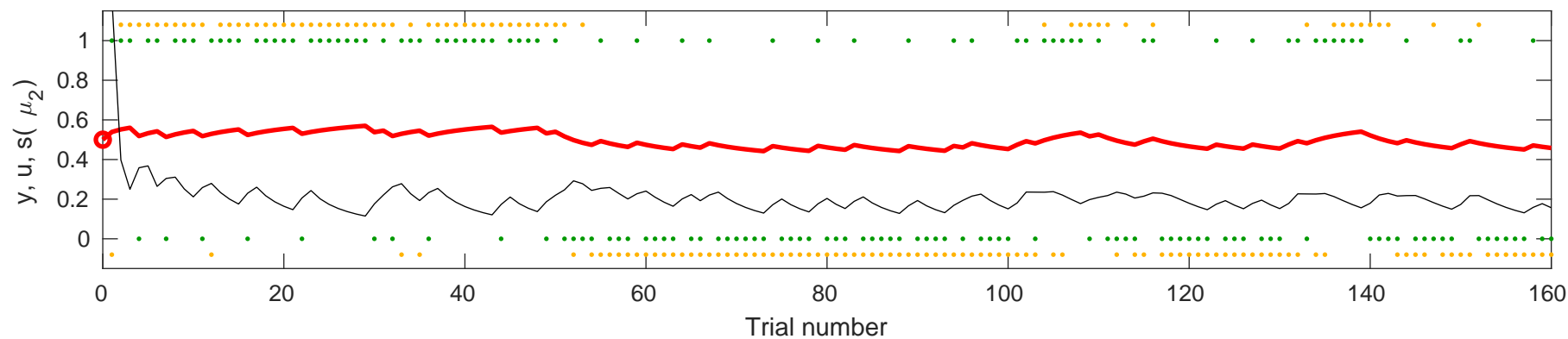


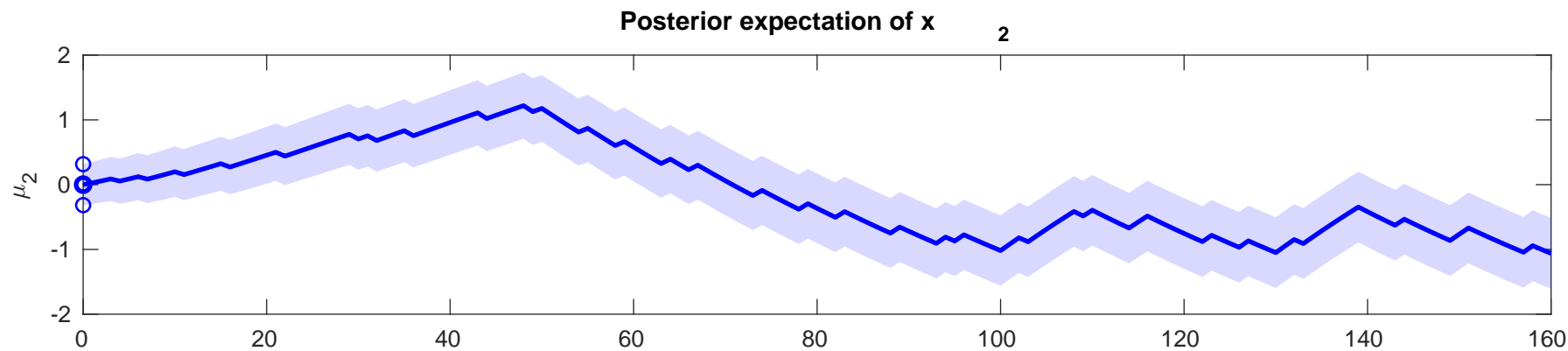
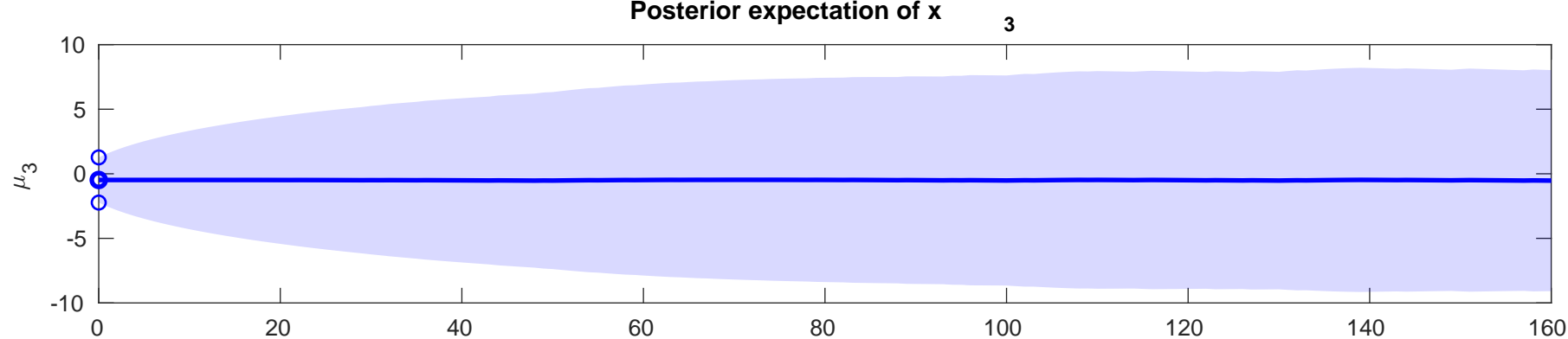
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.3182$



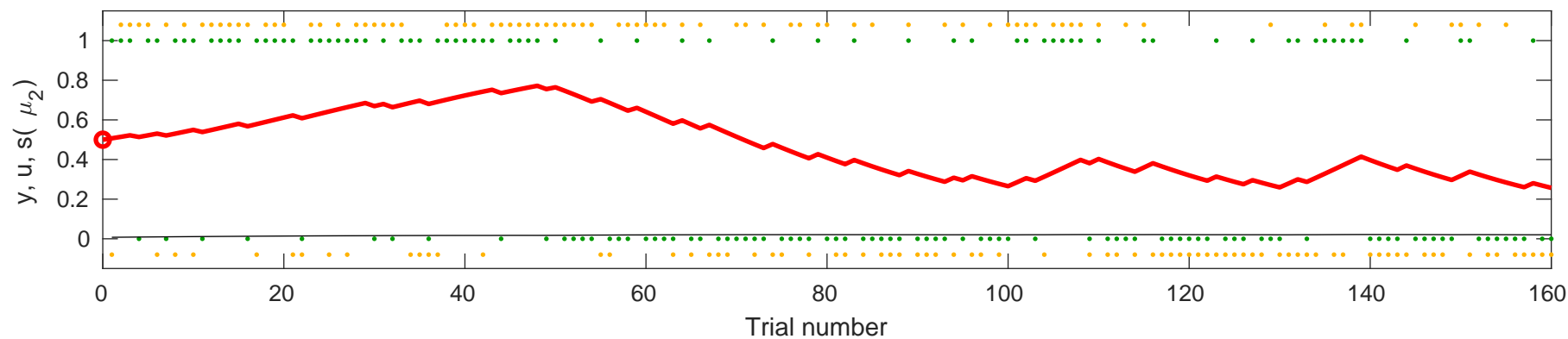


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.712$.



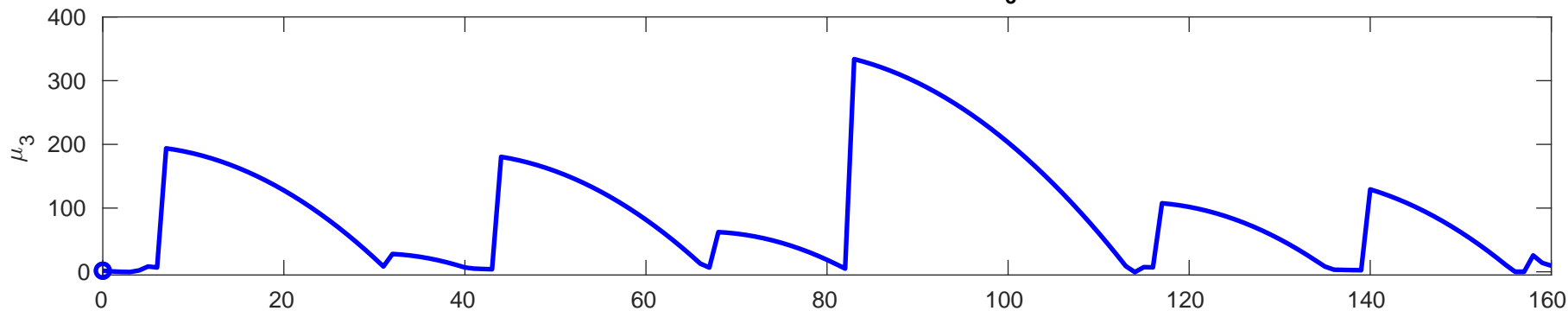


use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.57$



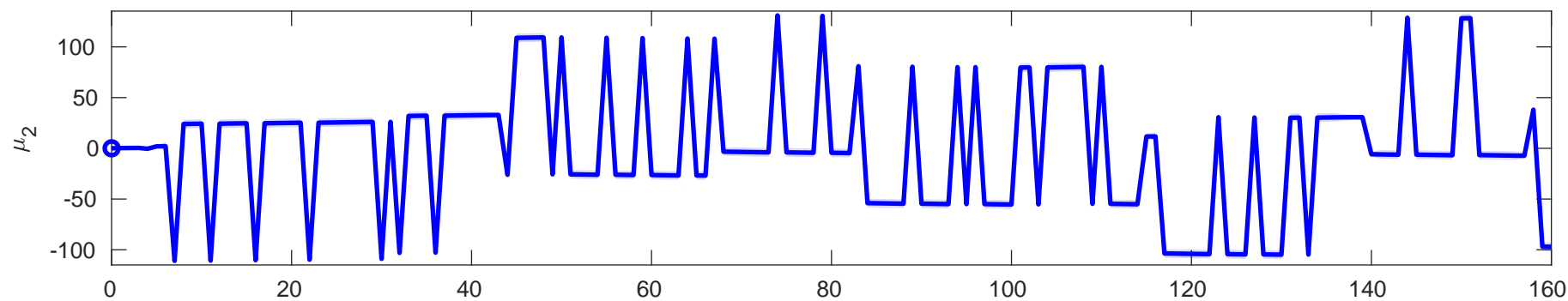
Posterior expectation of x

3

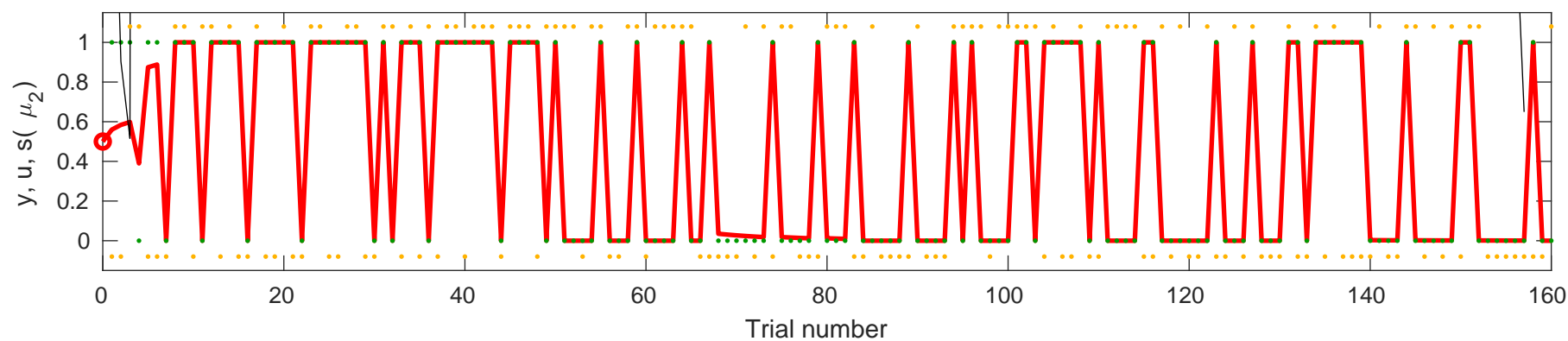


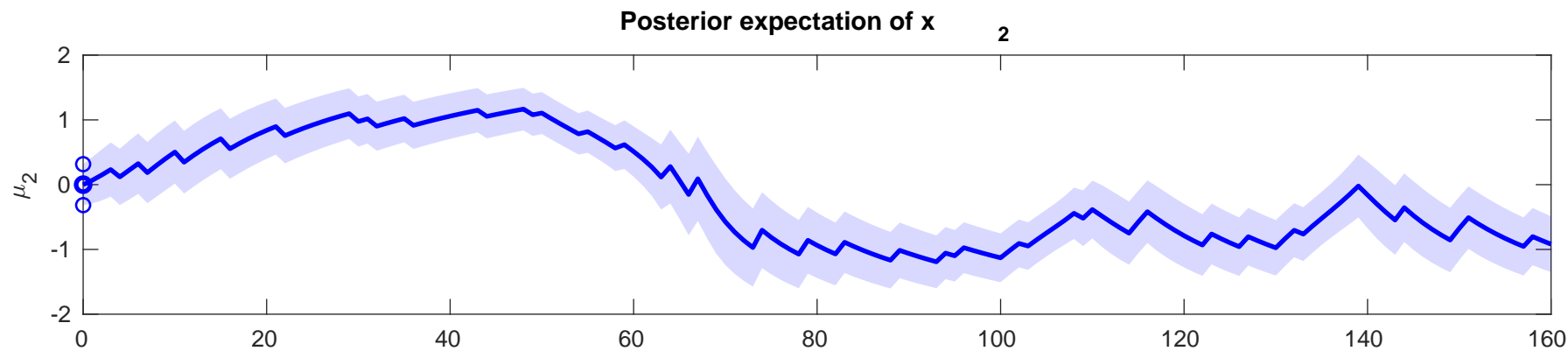
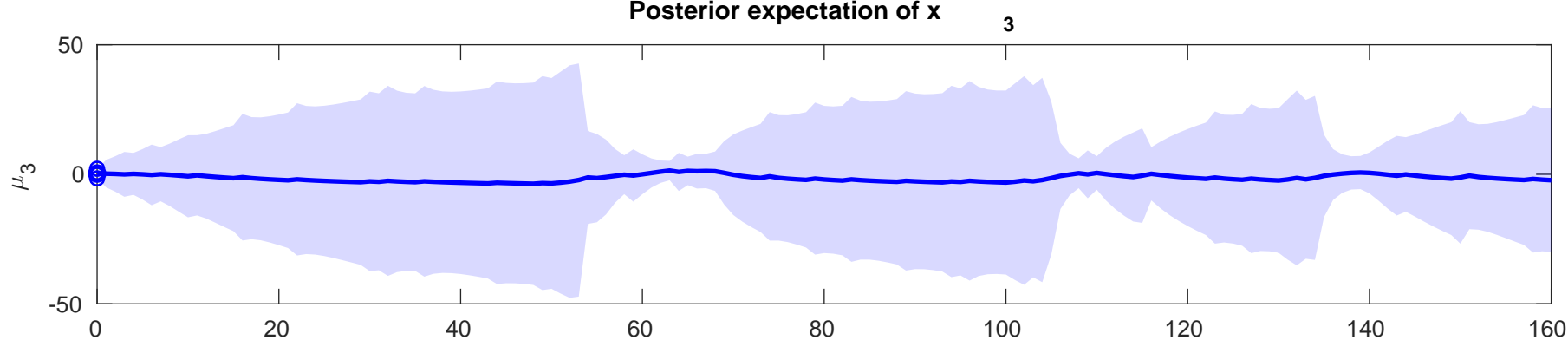
Posterior expectation of x

2

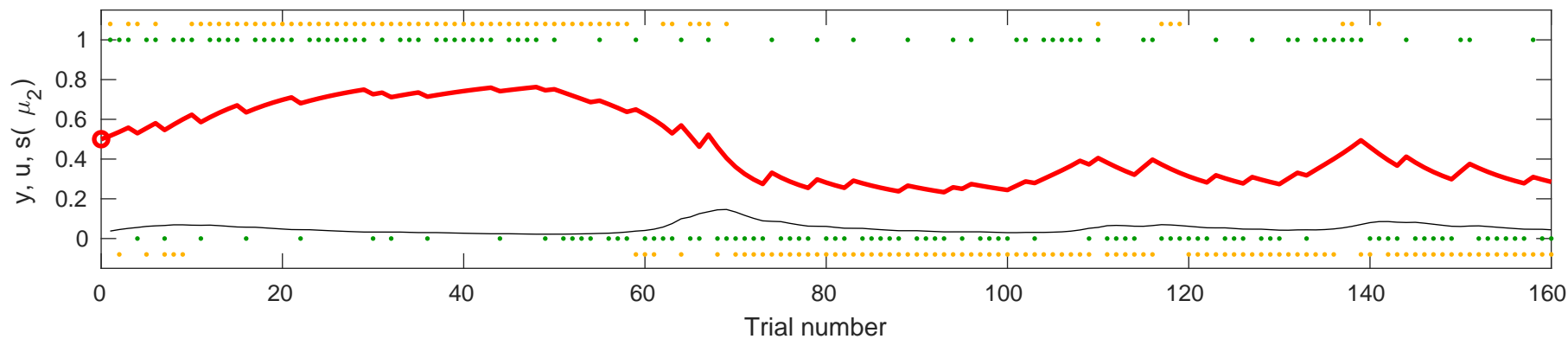


e y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(

 $\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.3961$ 

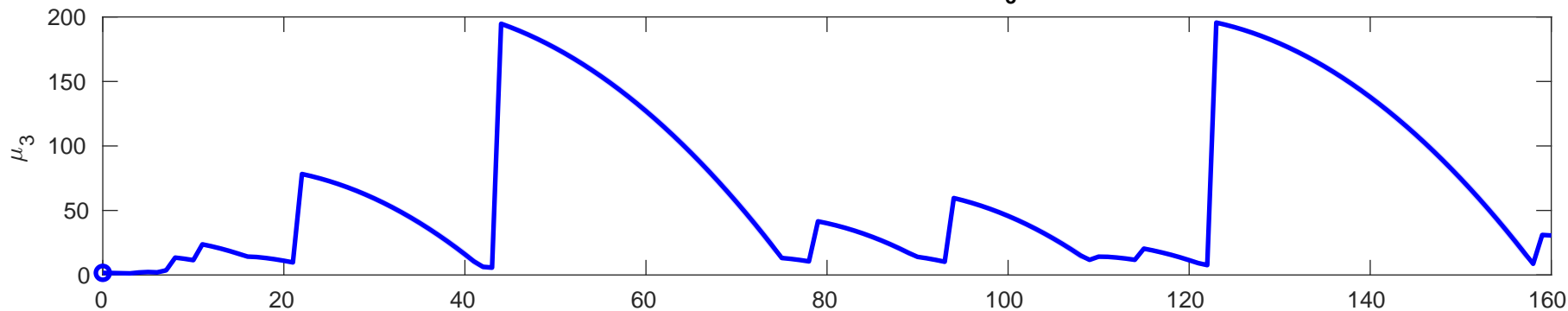


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.6718$

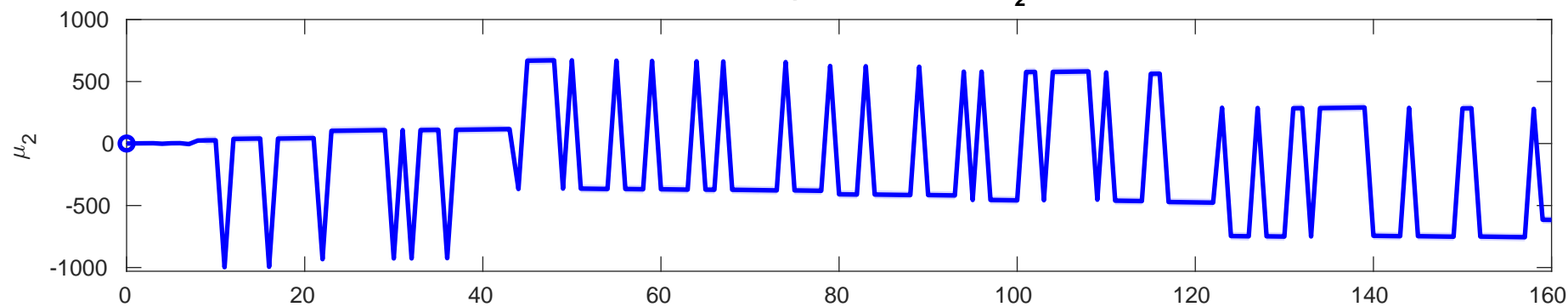


Posterior expectation of x

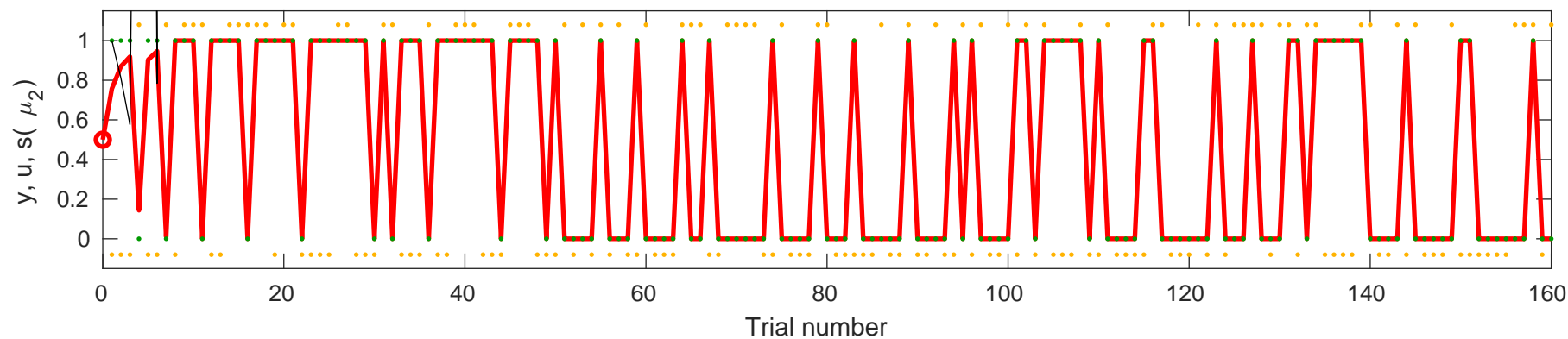
3

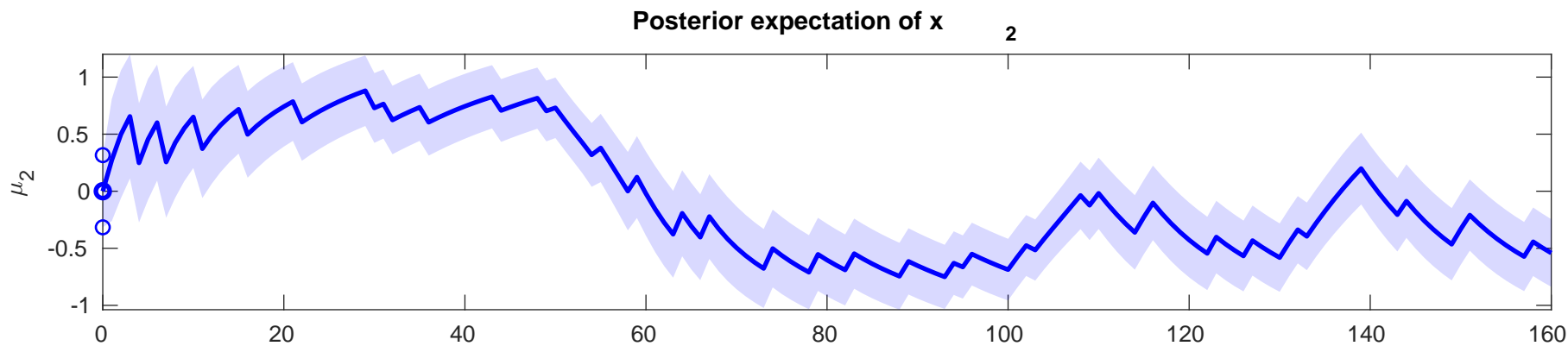
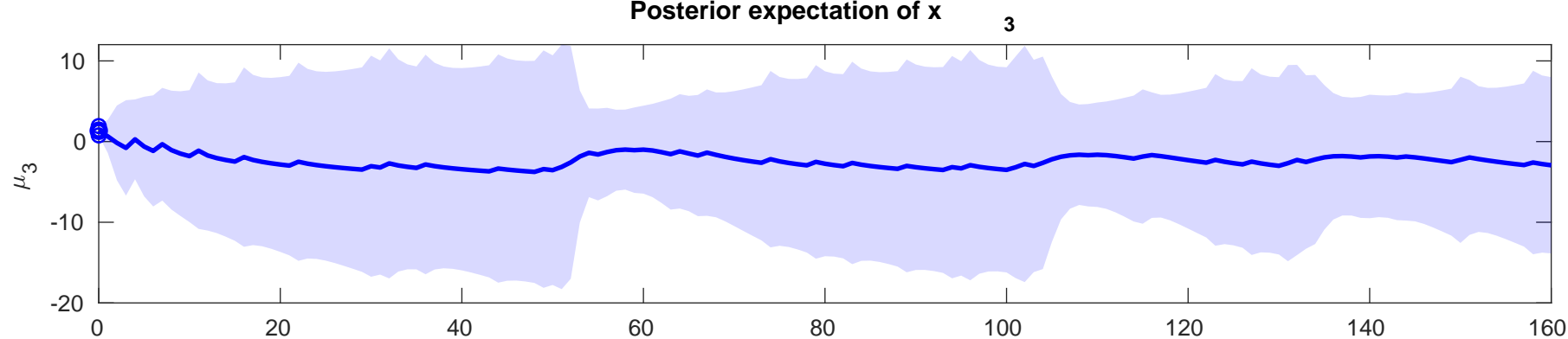
Posterior expectation of x

2

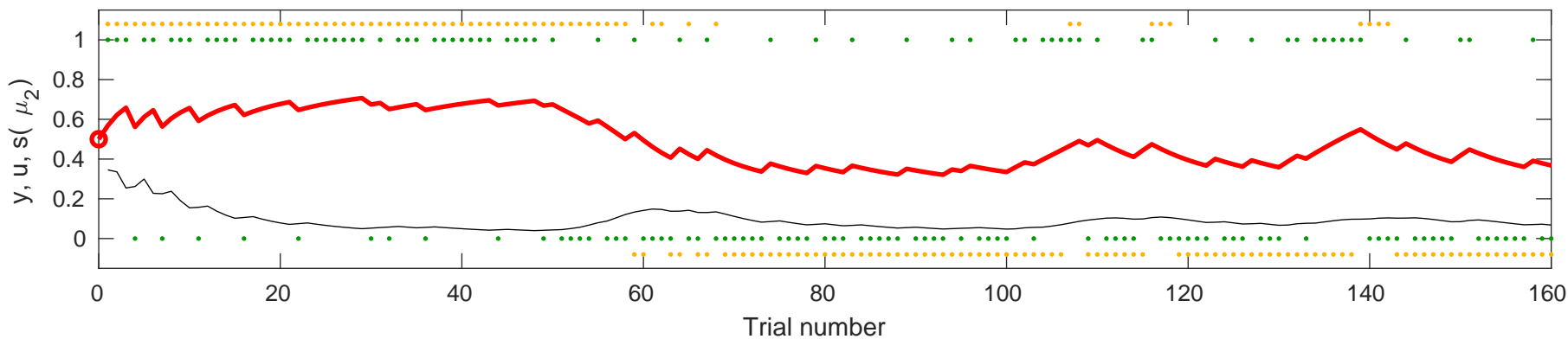


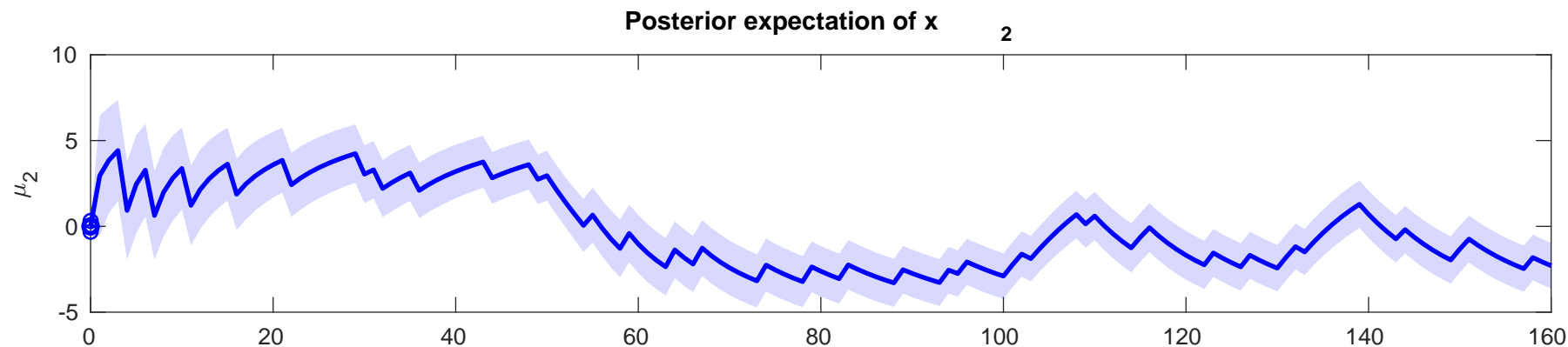
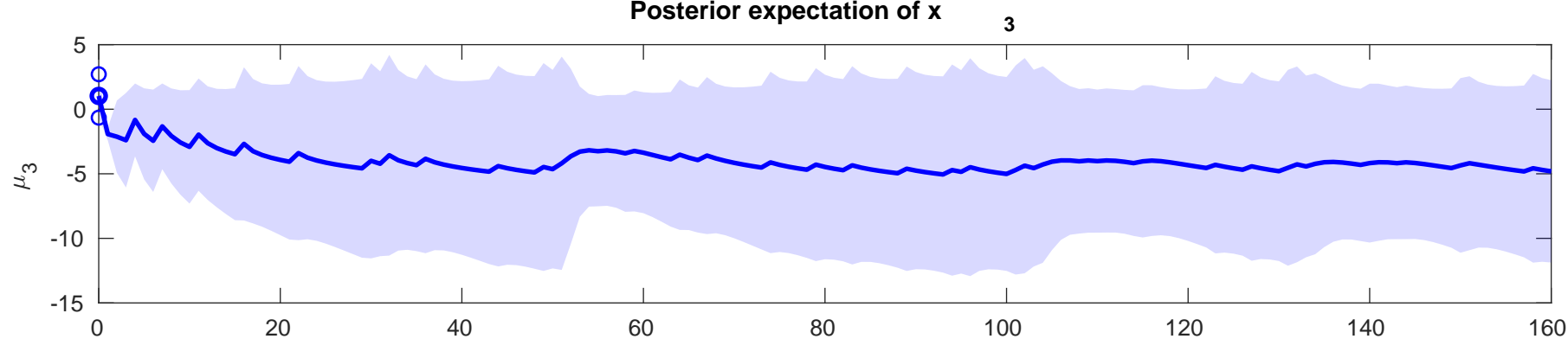
the output y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=0.003266$



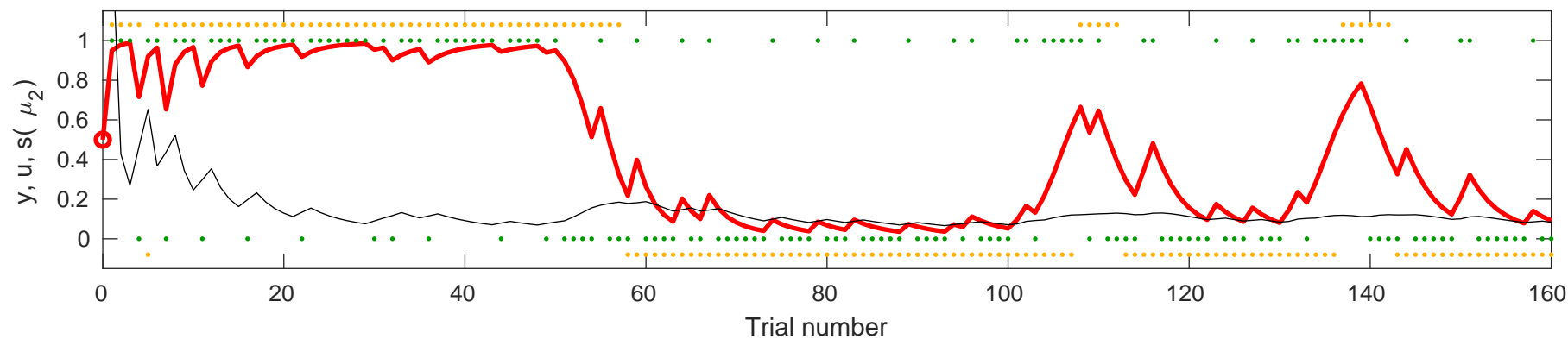


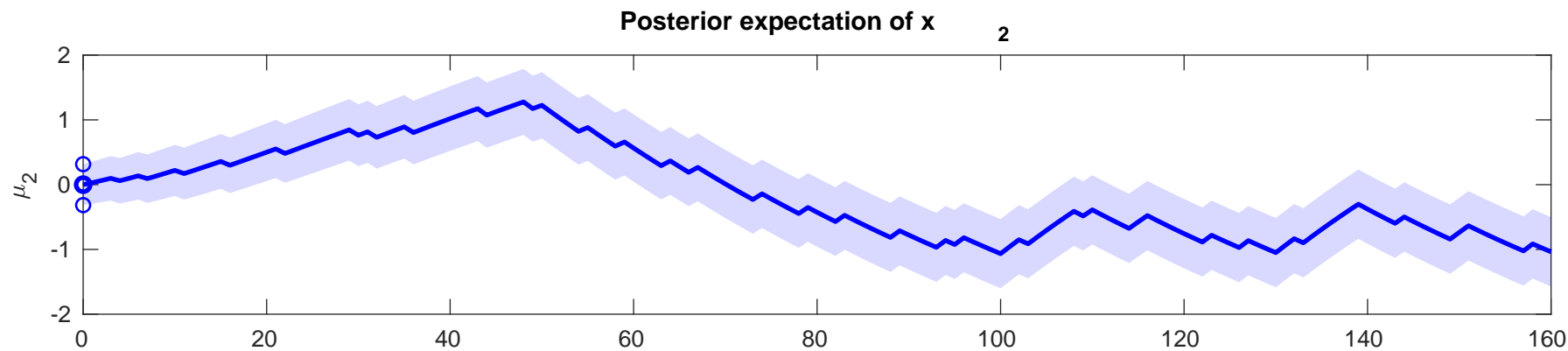
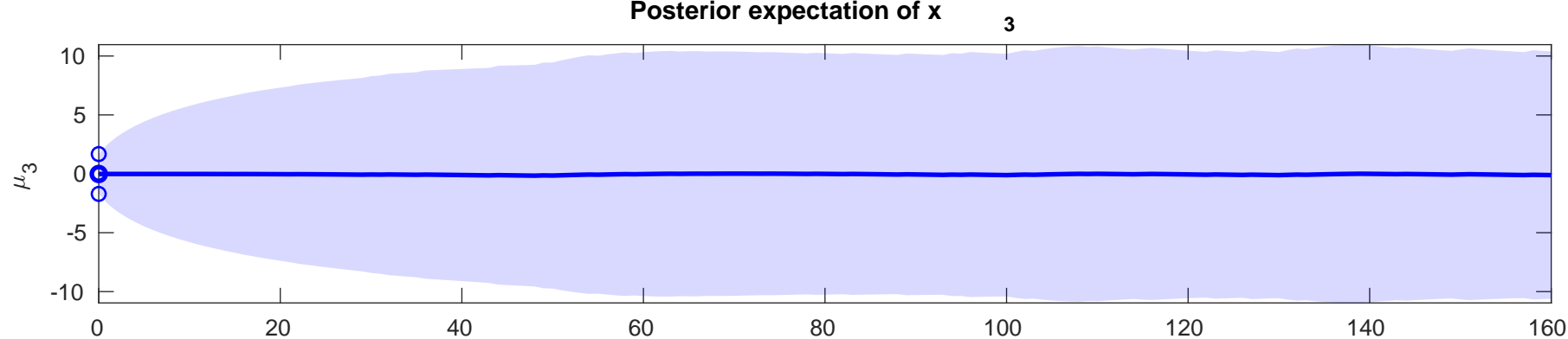
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.5851$



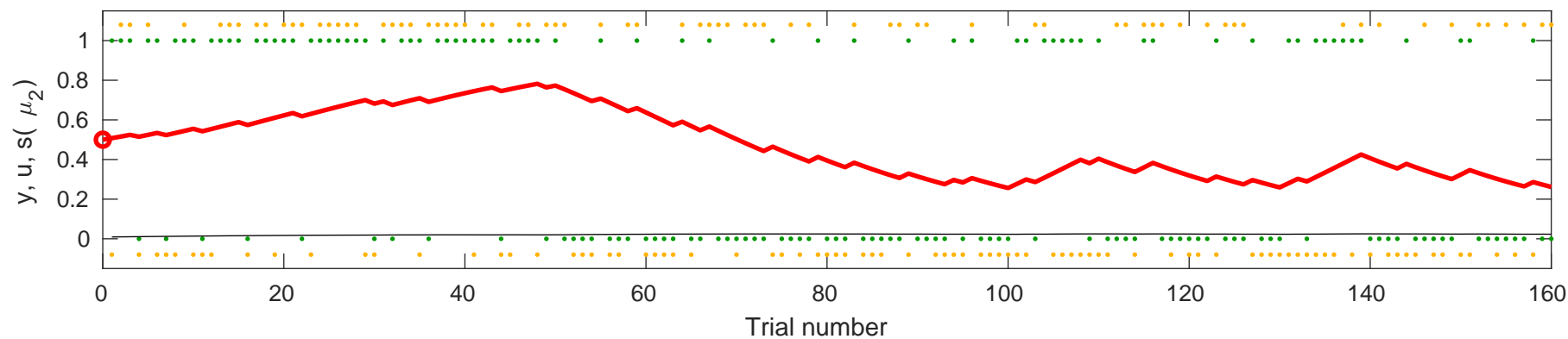


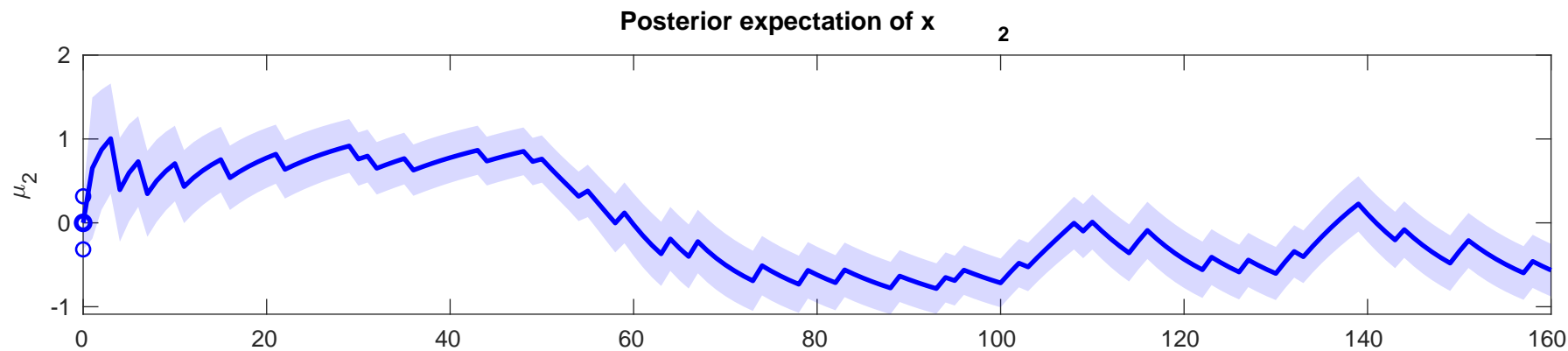
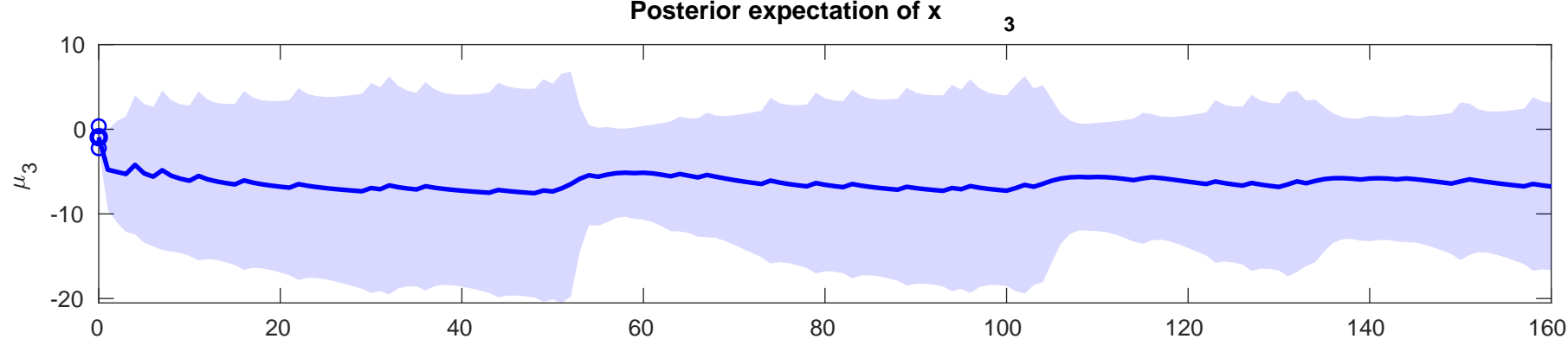
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=2.7021$



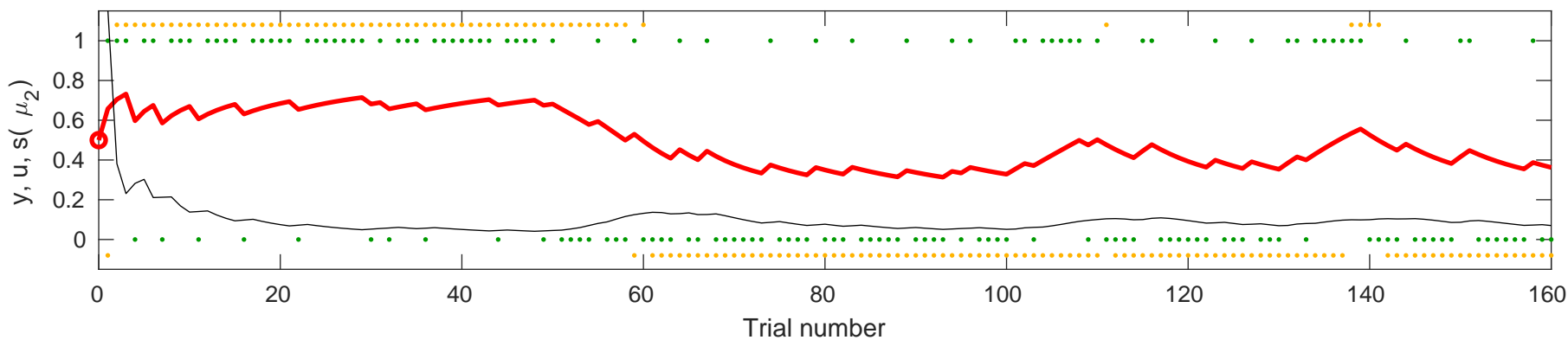


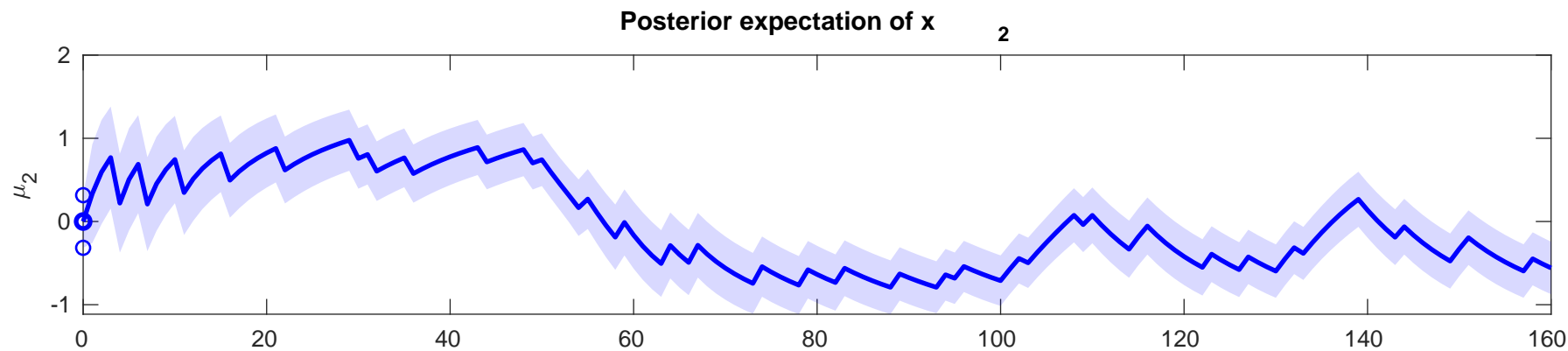
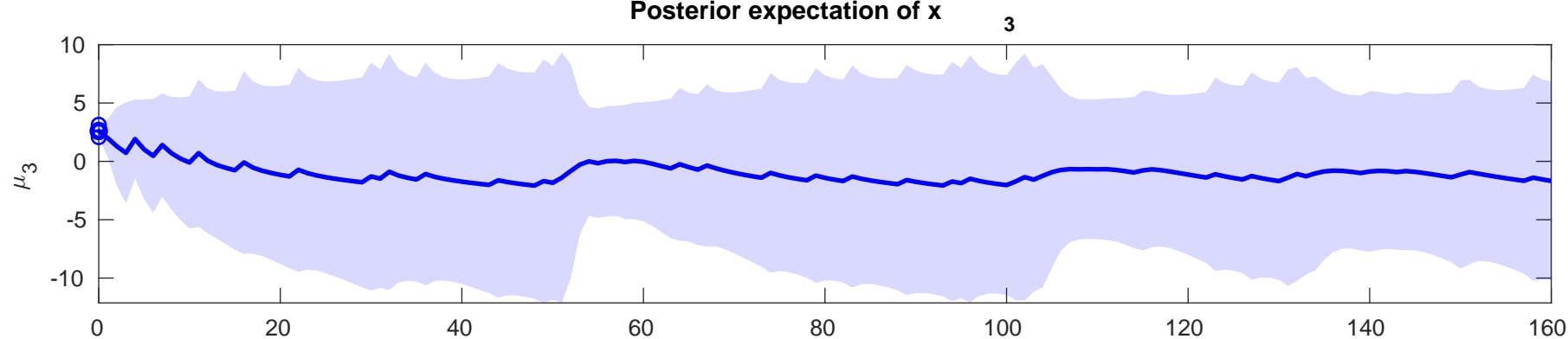
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.9238$



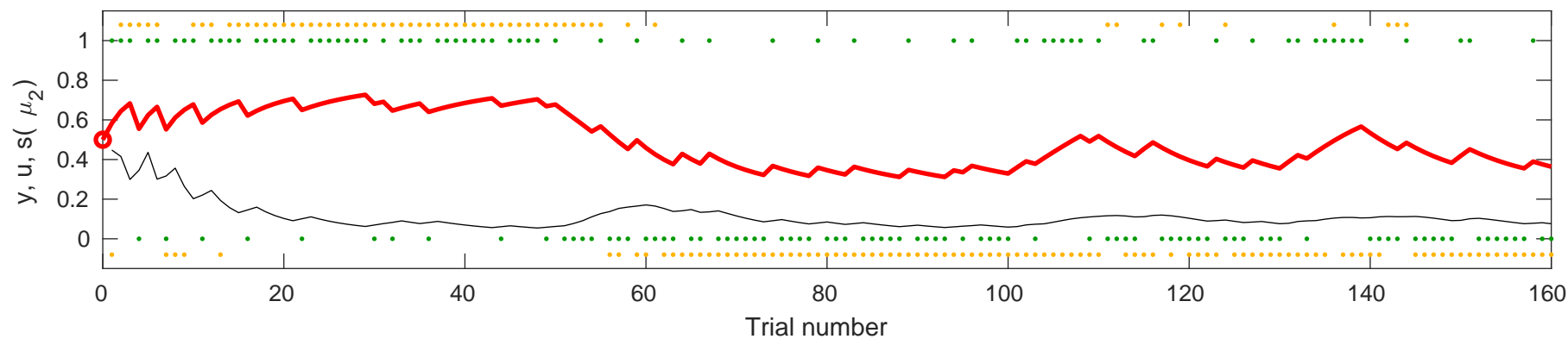


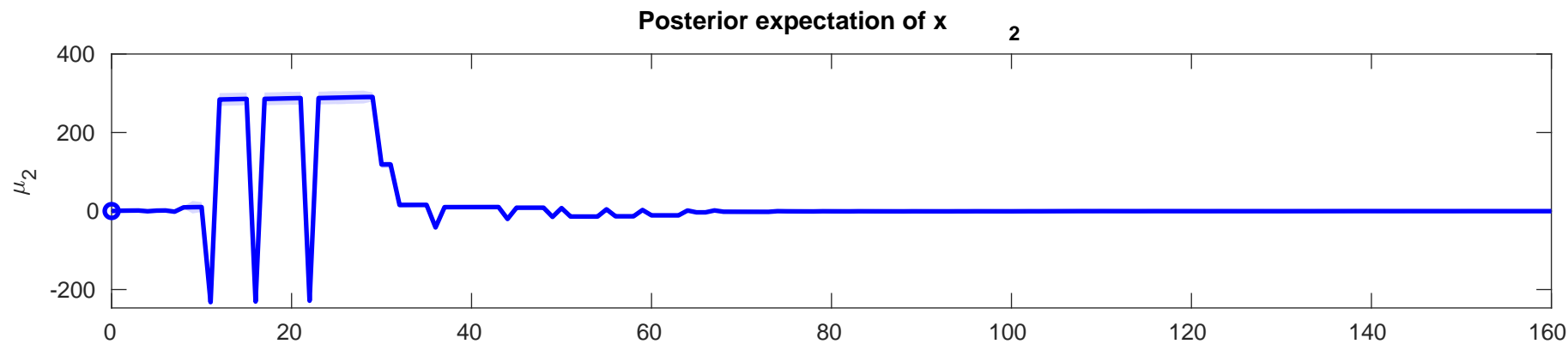
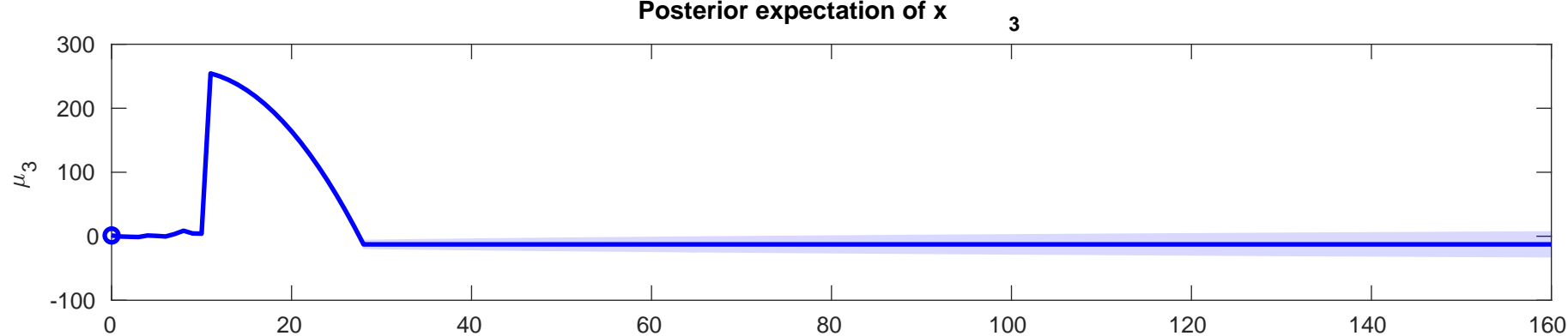
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=1.4551$



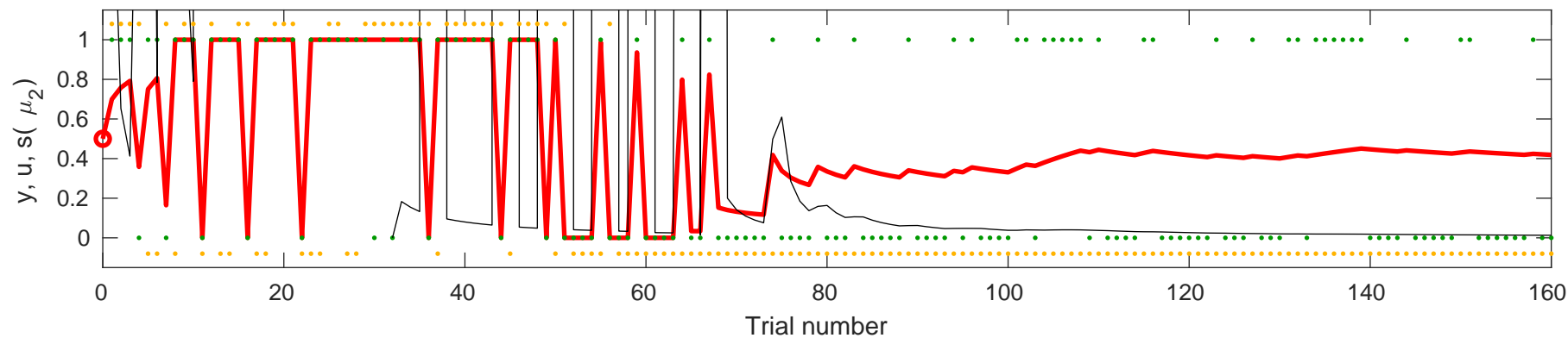


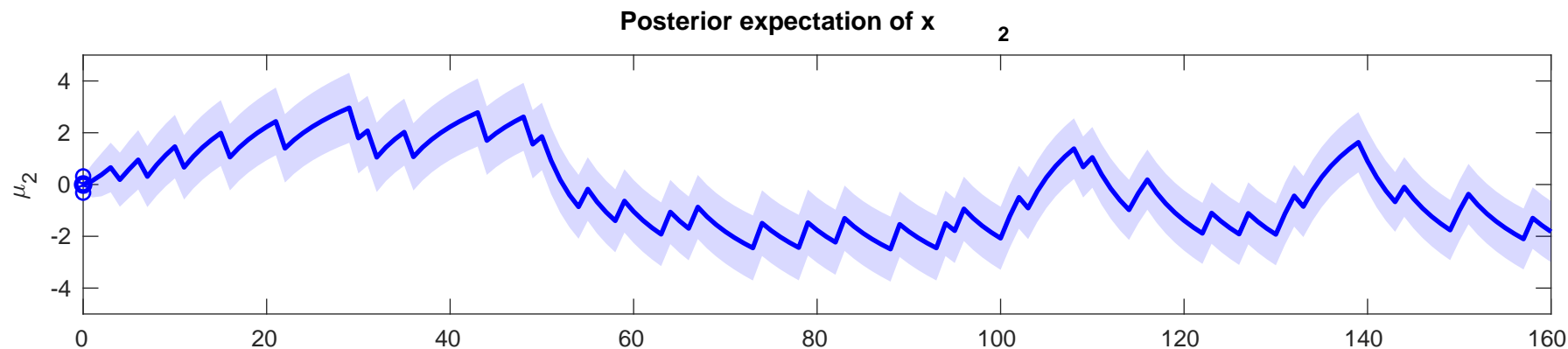
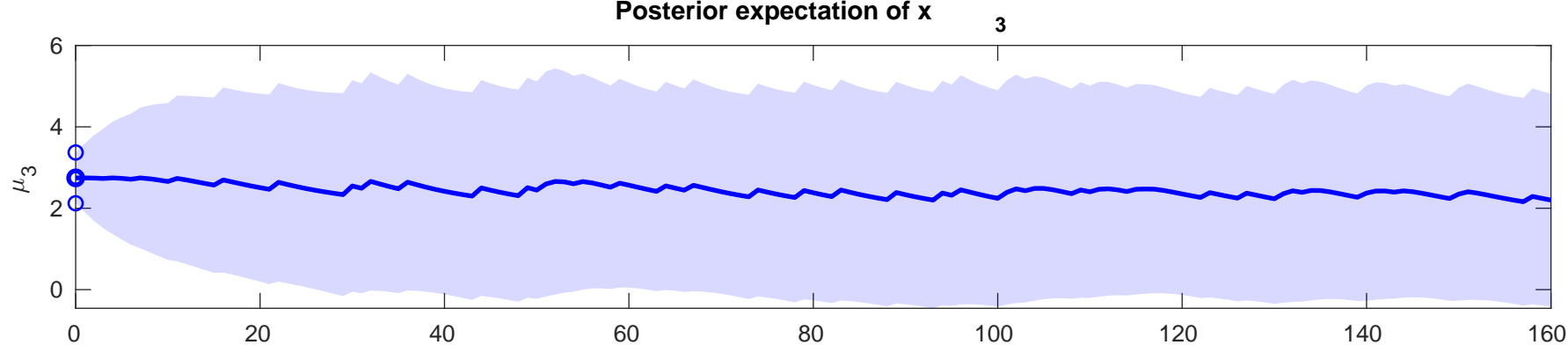
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.4763$



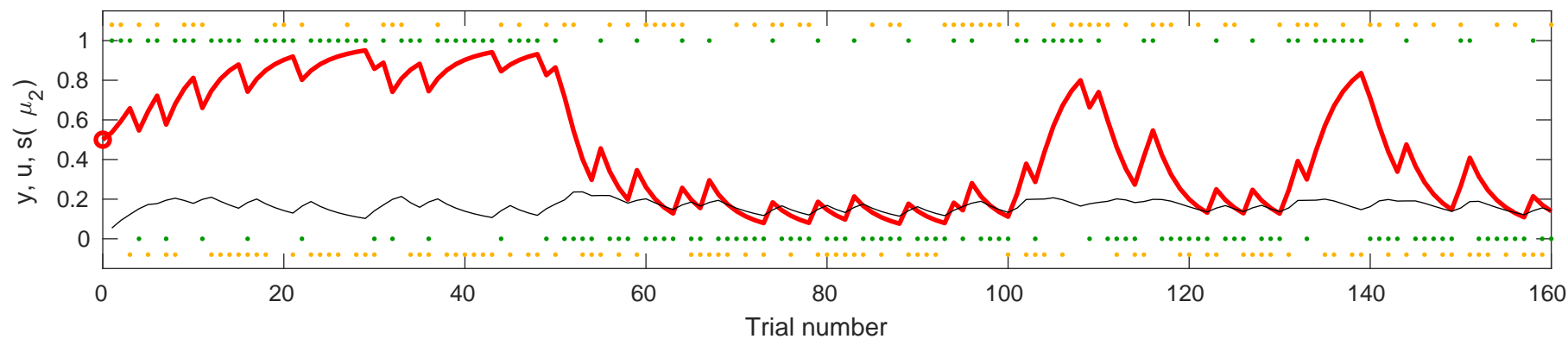


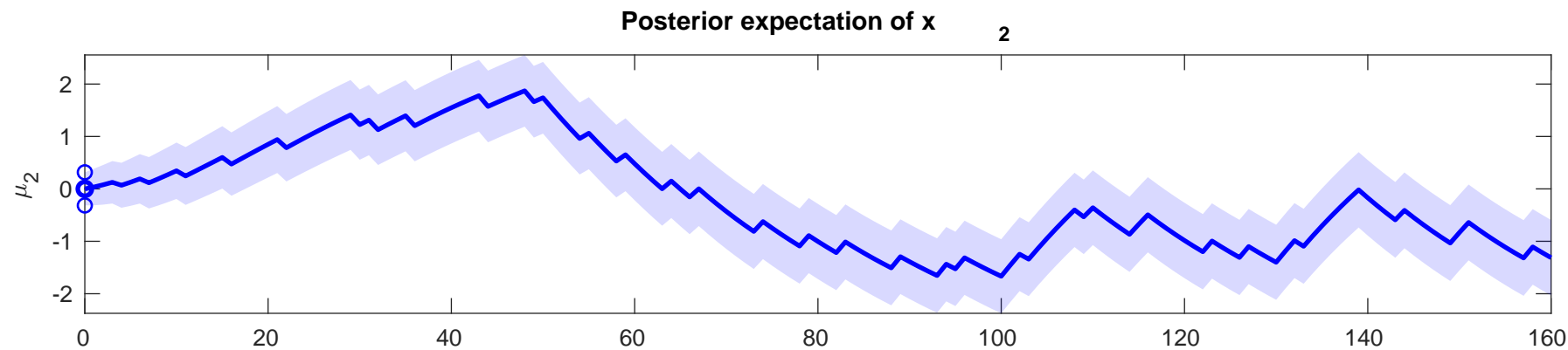
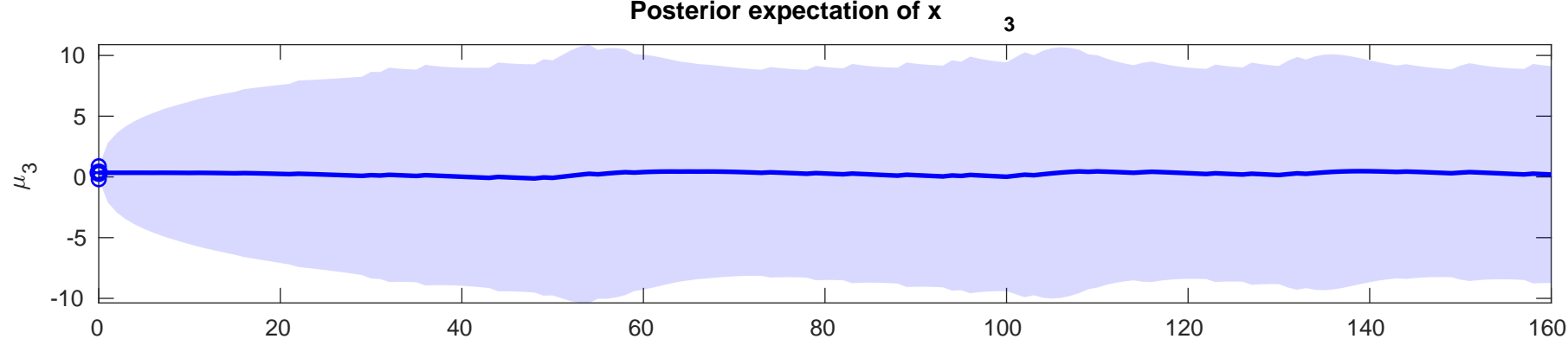
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=0.34742$



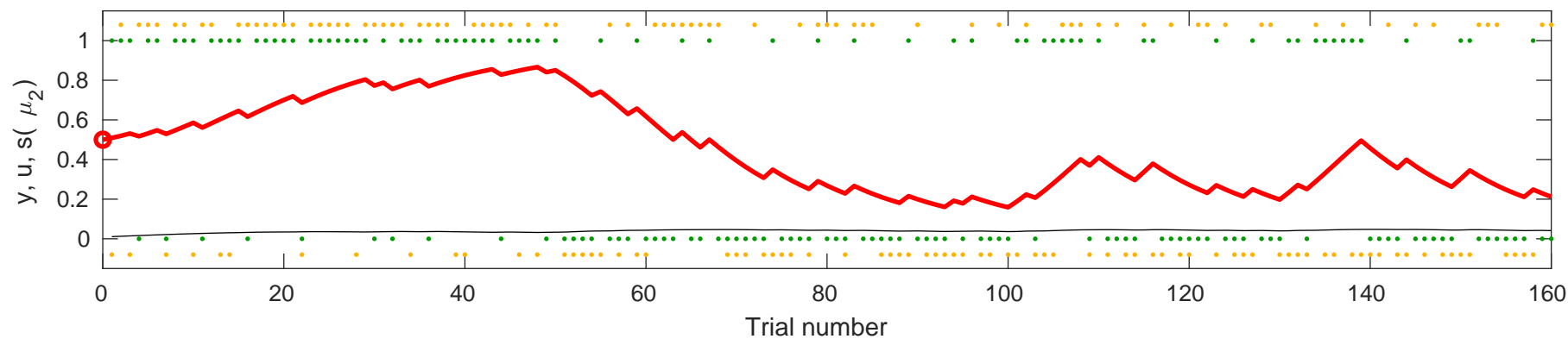


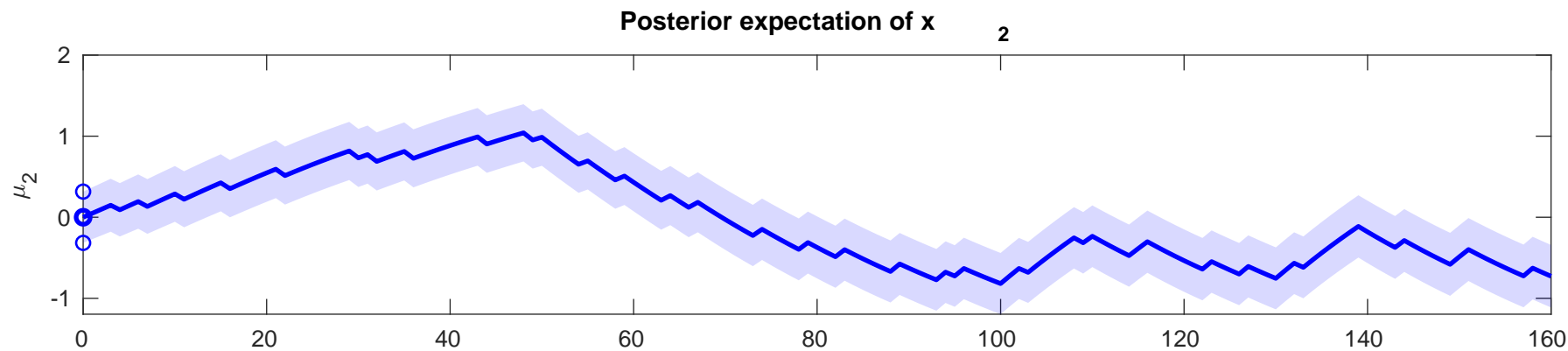
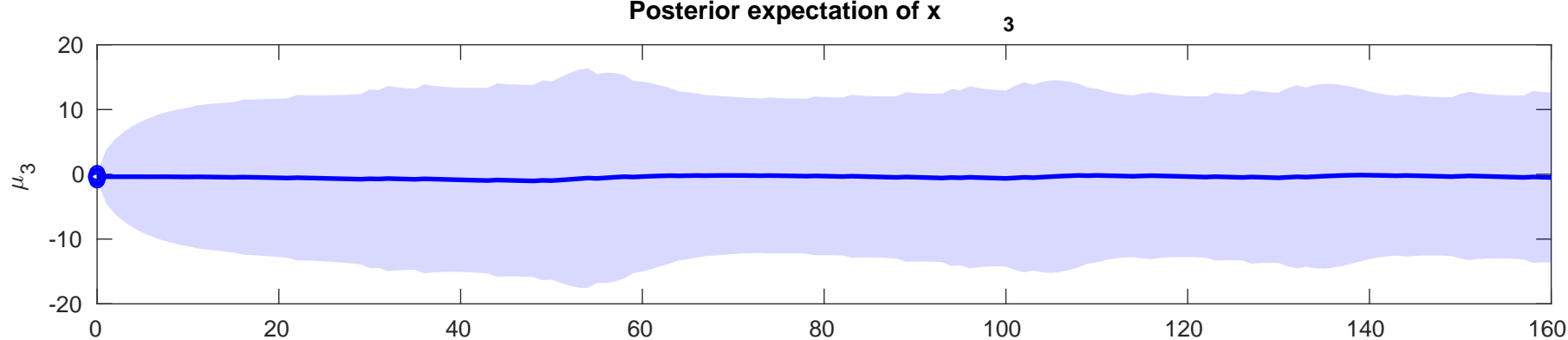
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.8223$



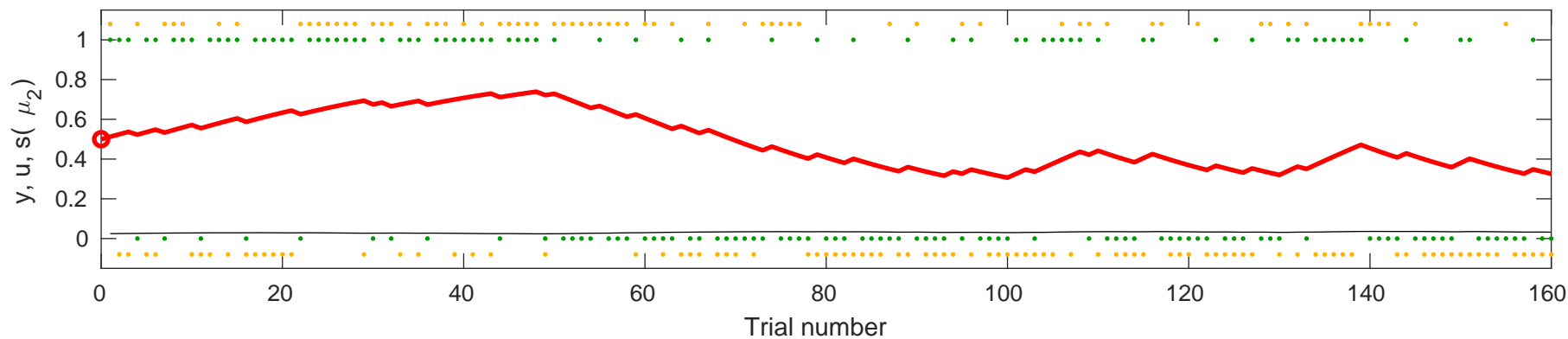


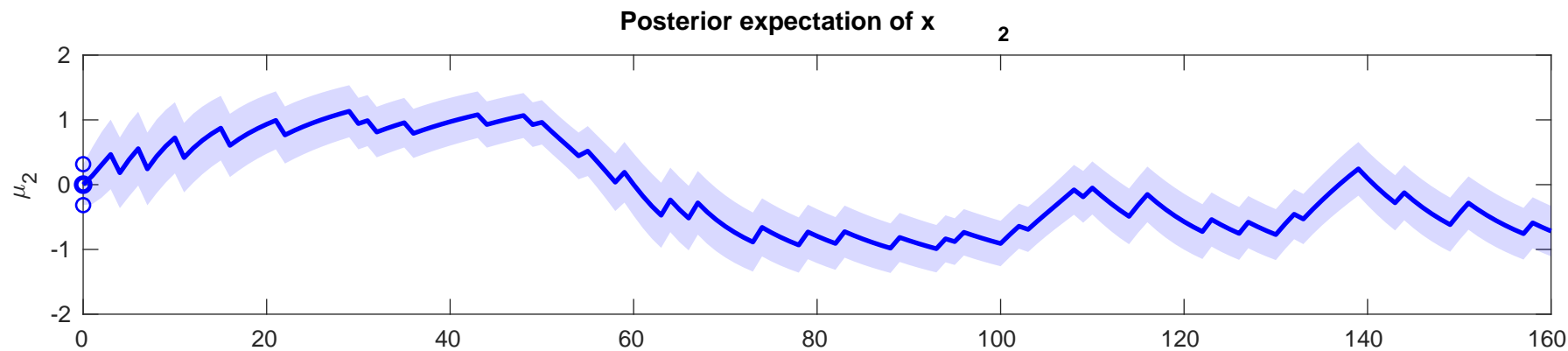
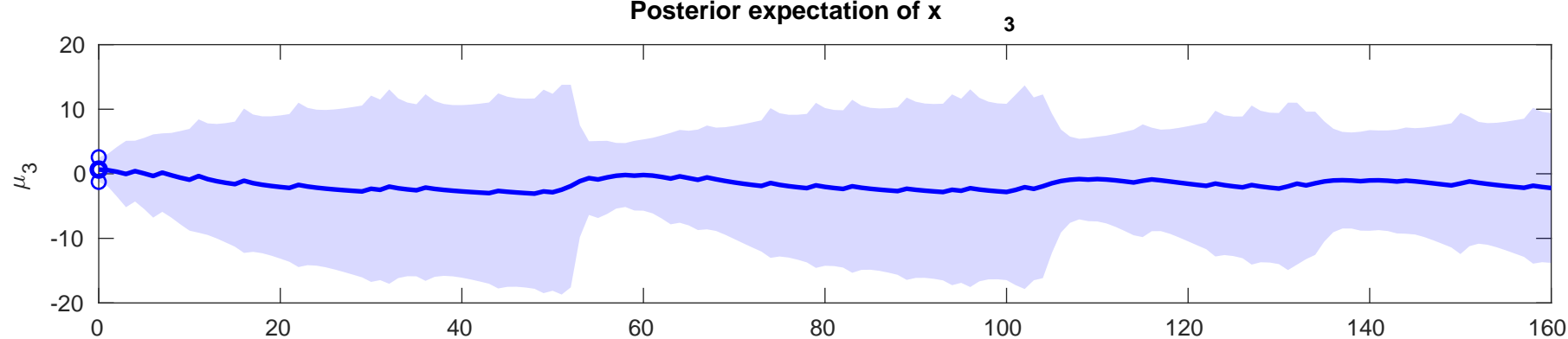
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.1062$



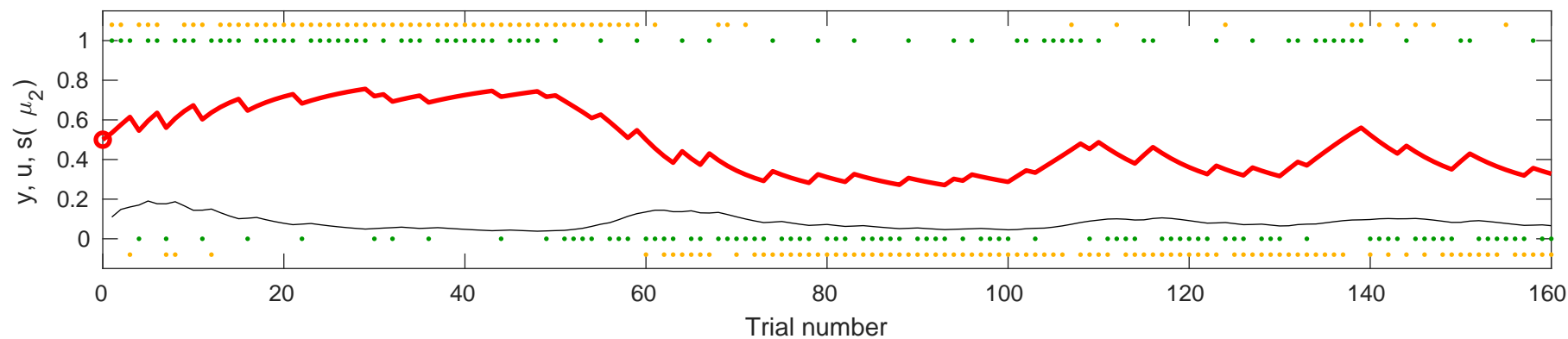


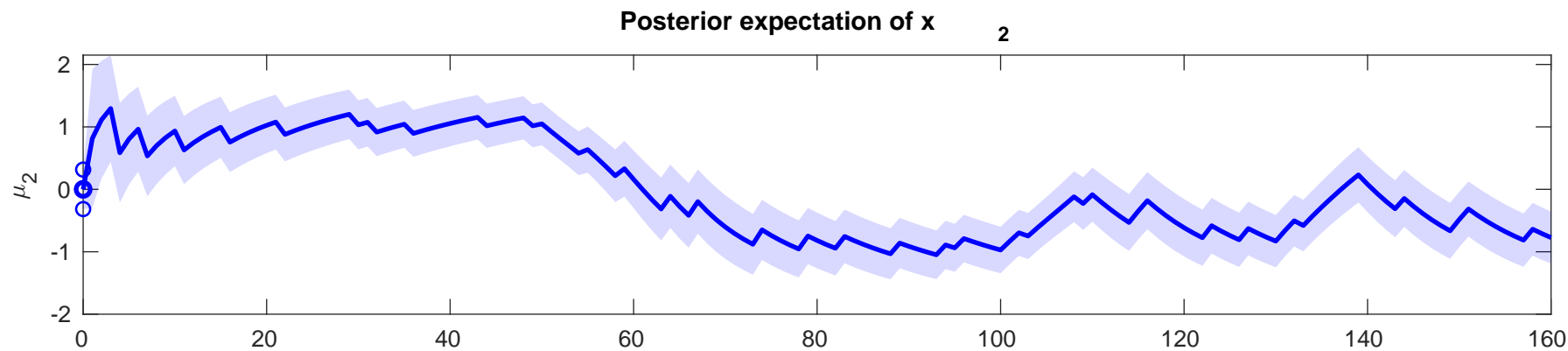
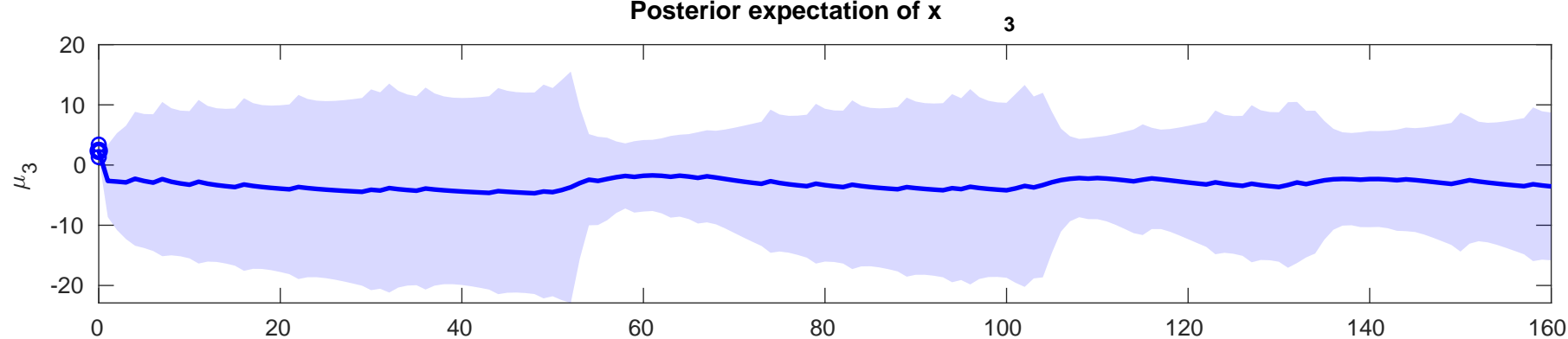
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.9643$



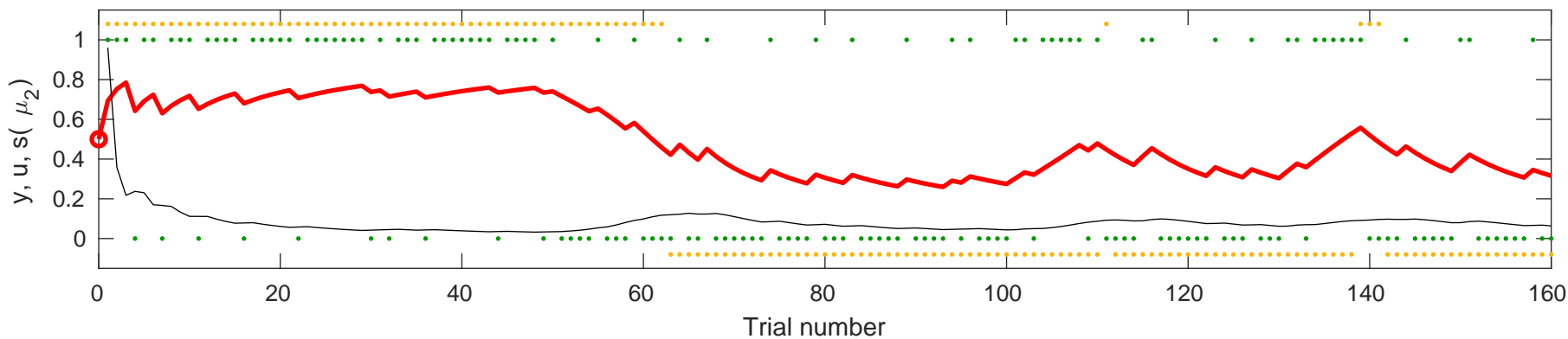


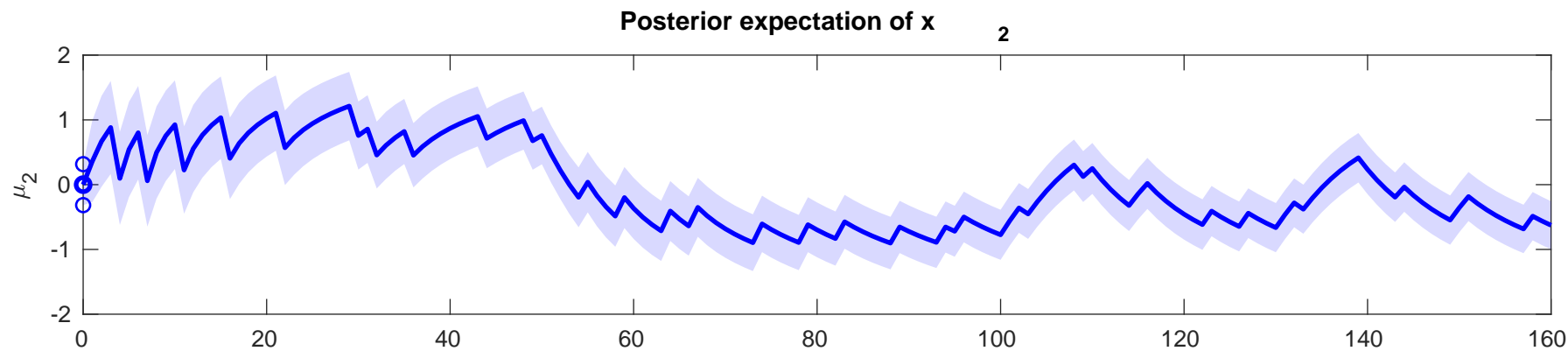
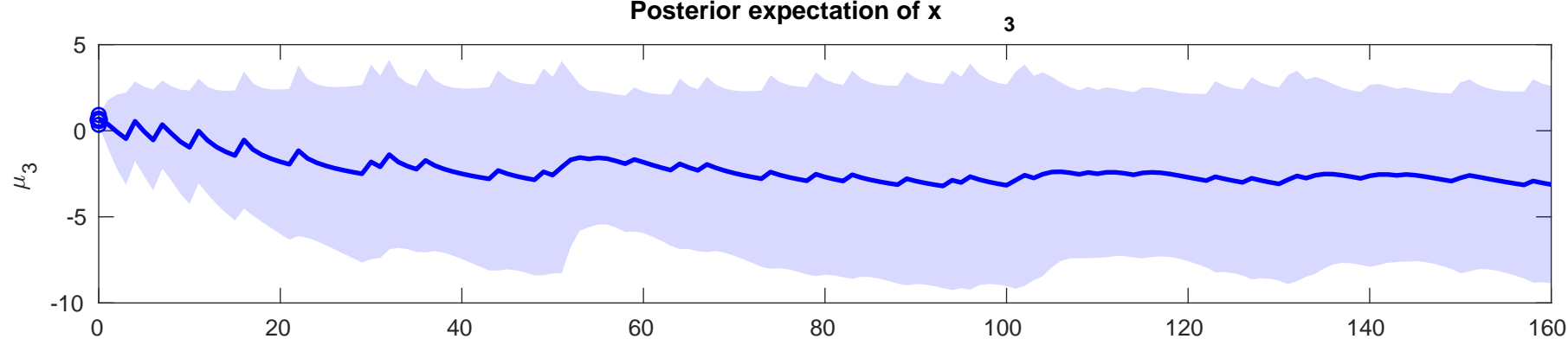
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.8338$



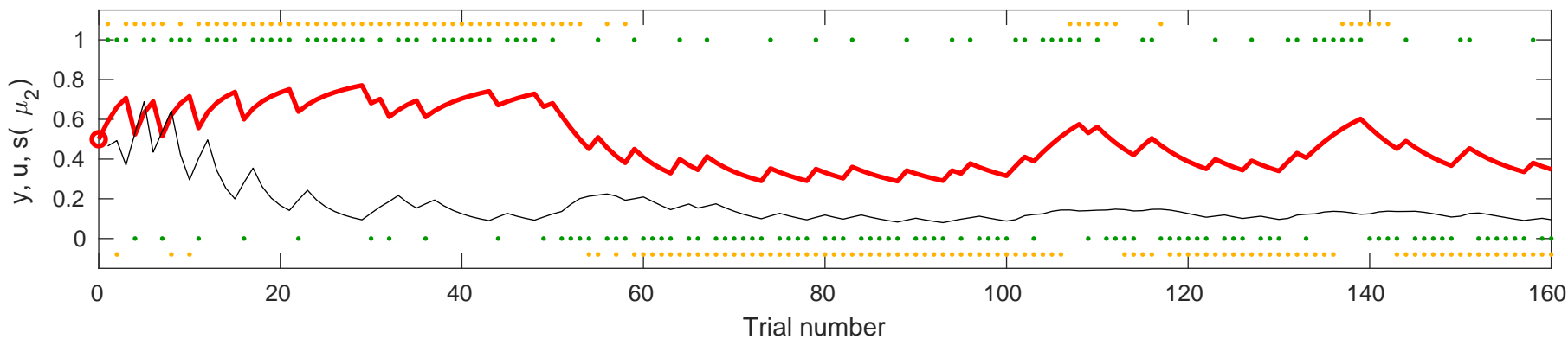


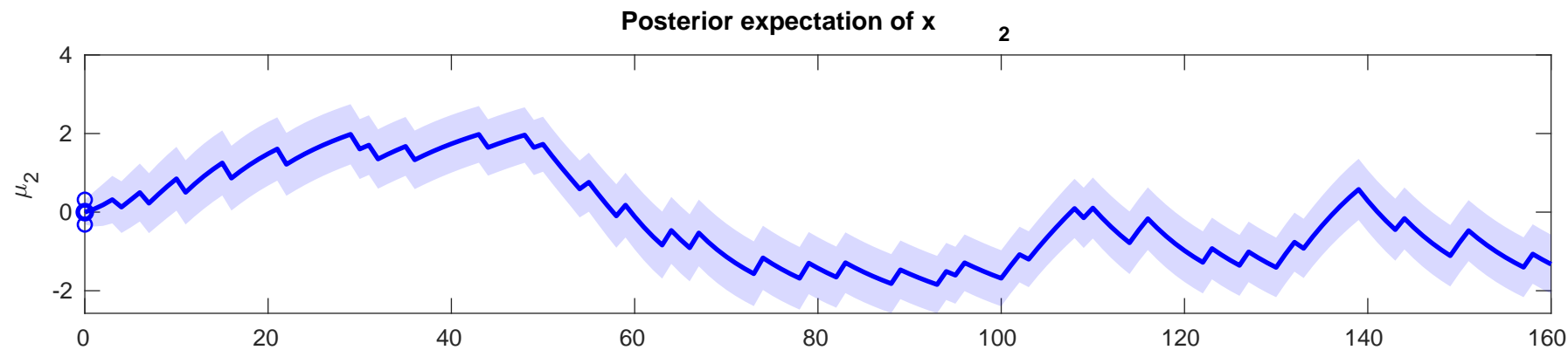
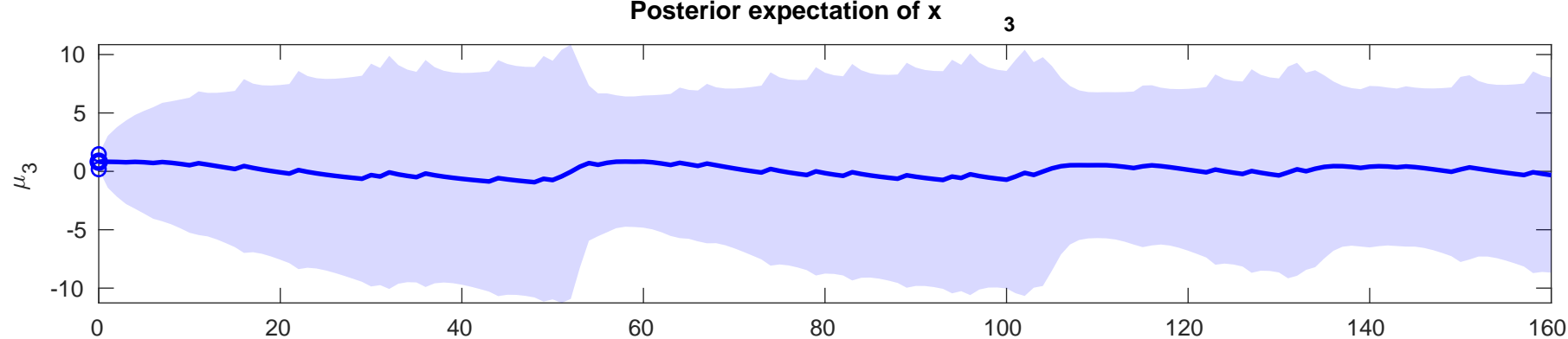
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.4124$



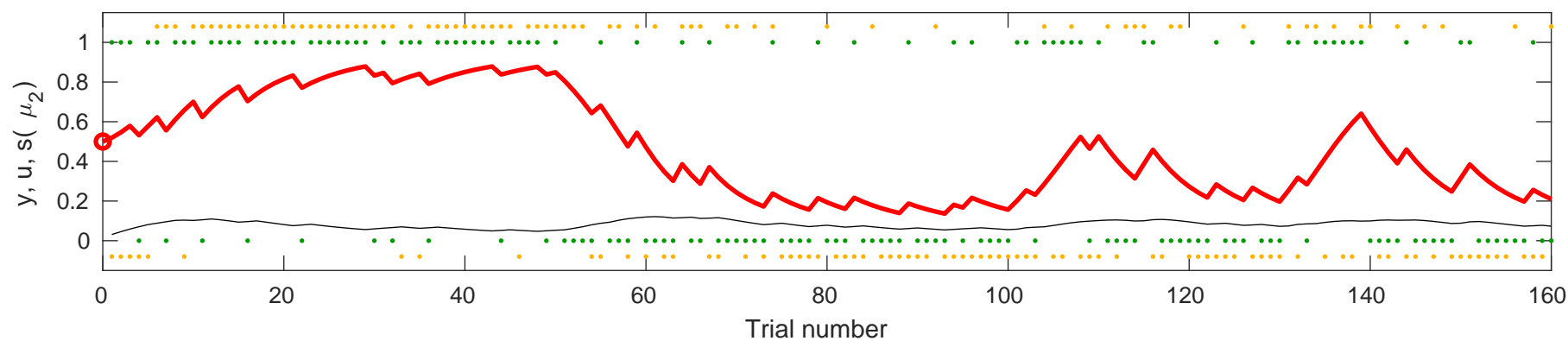


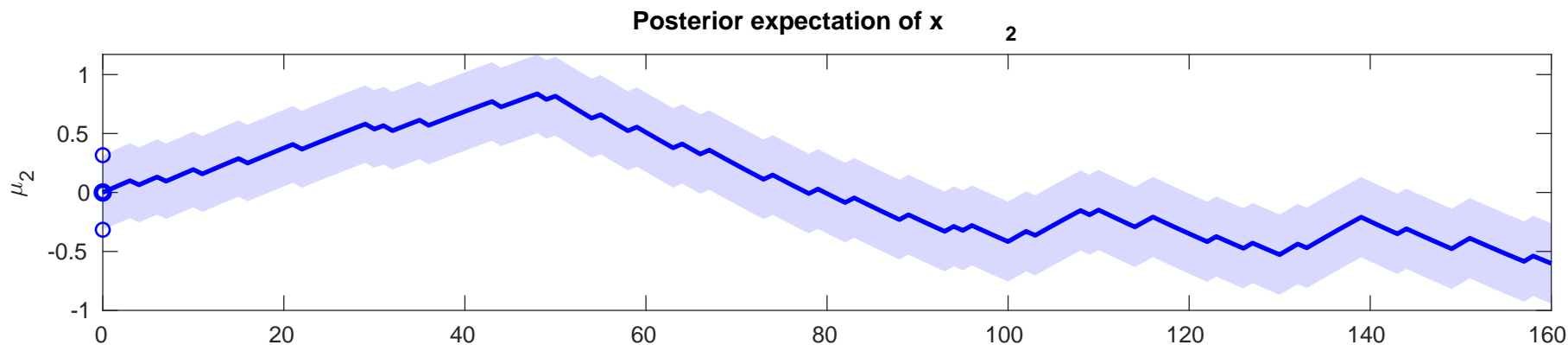
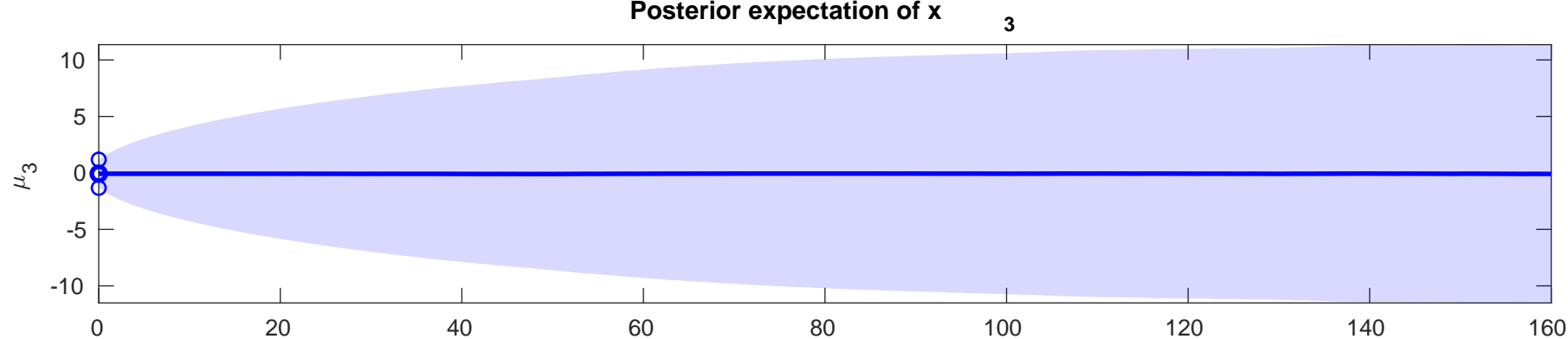
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.3412$



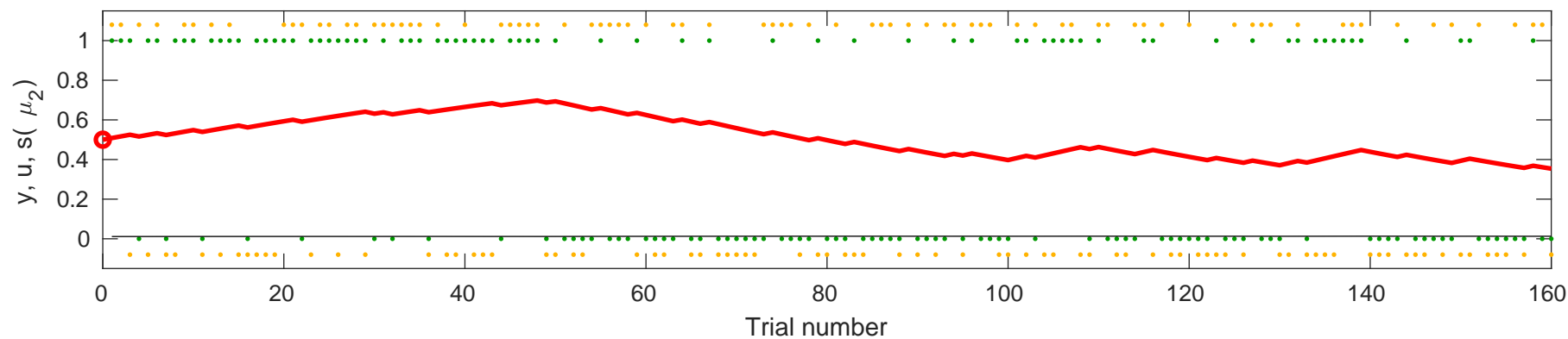


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.0982$



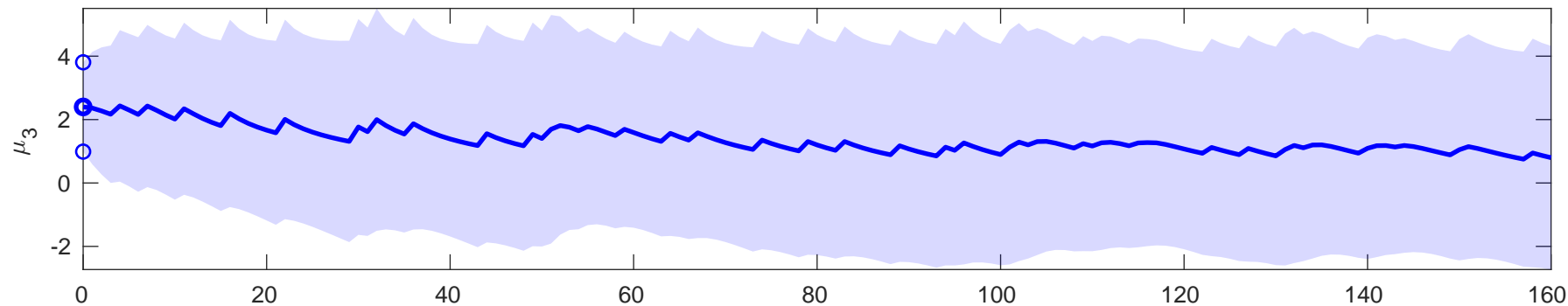


use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-6.4233$



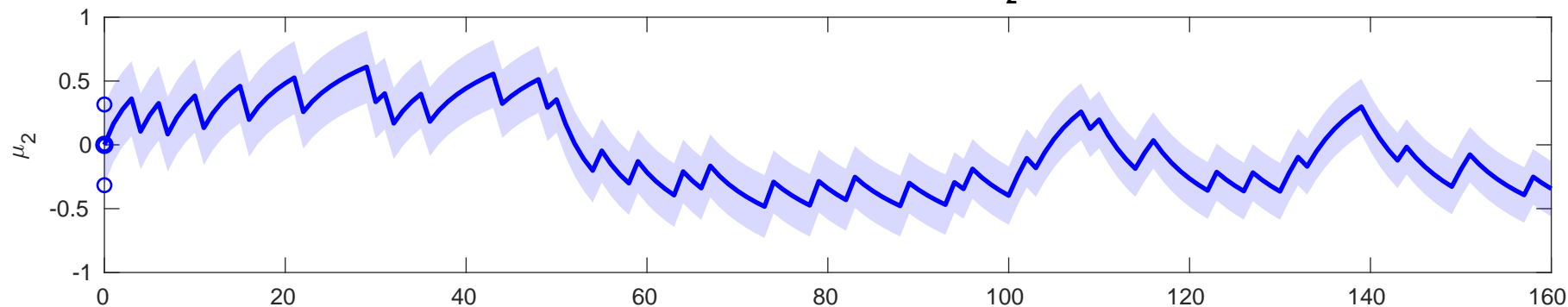
Posterior expectation of x

3

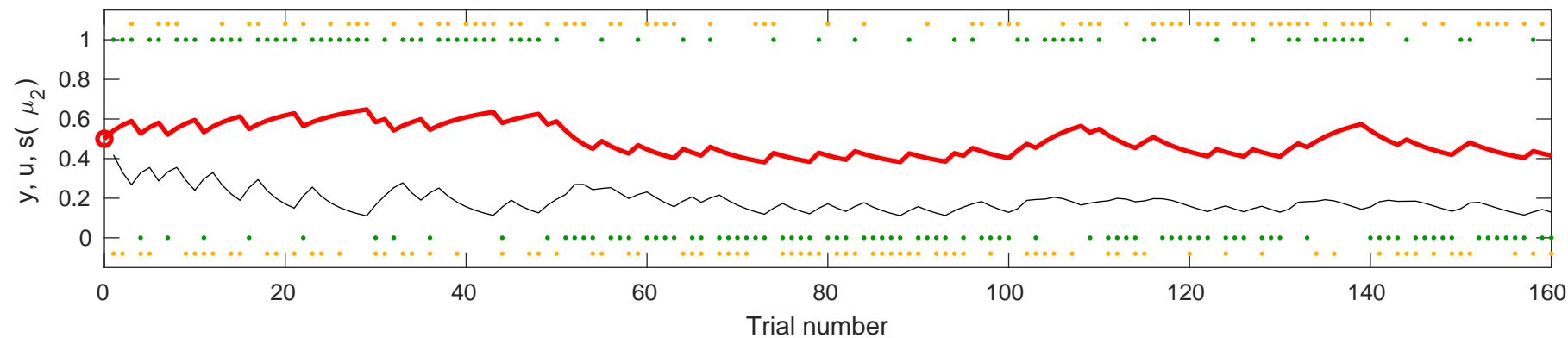


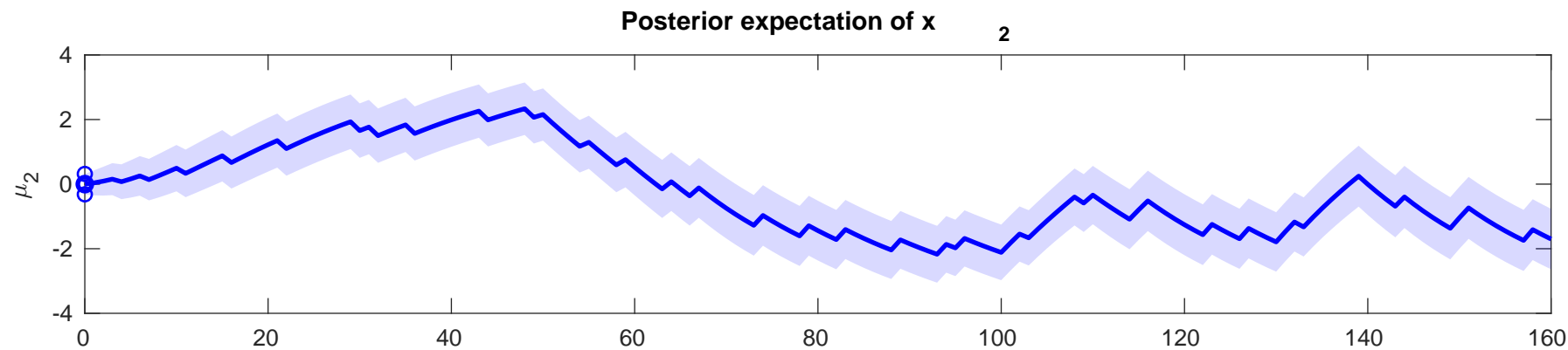
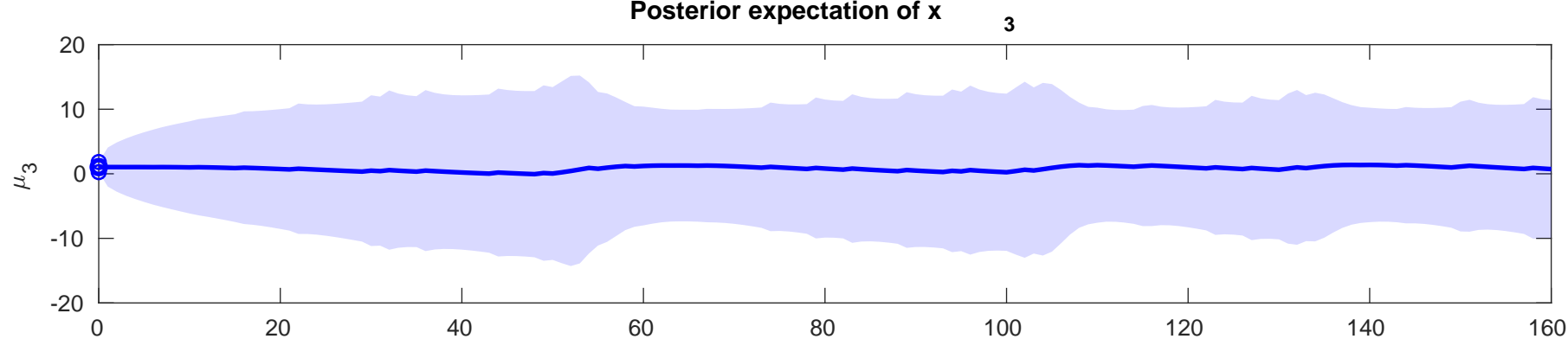
Posterior expectation of x

2

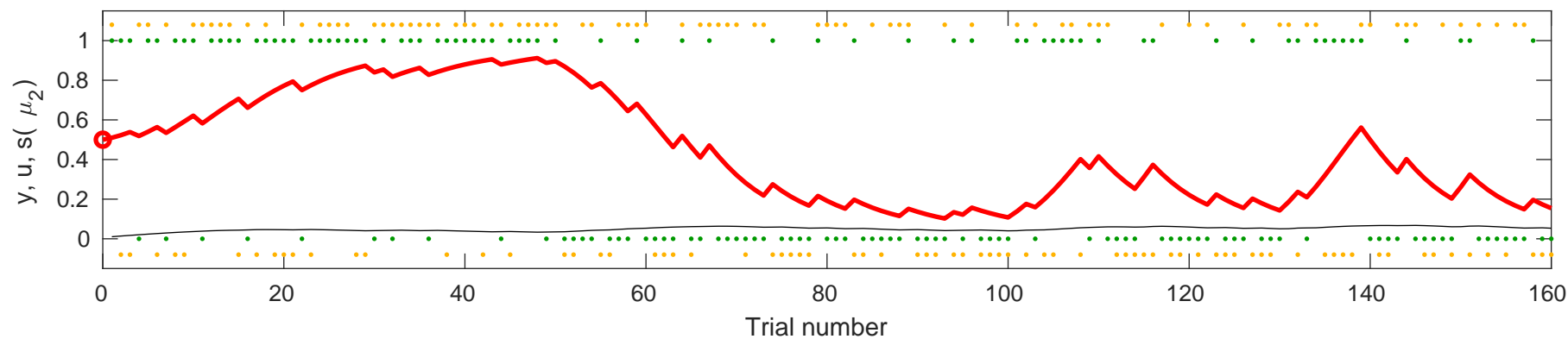


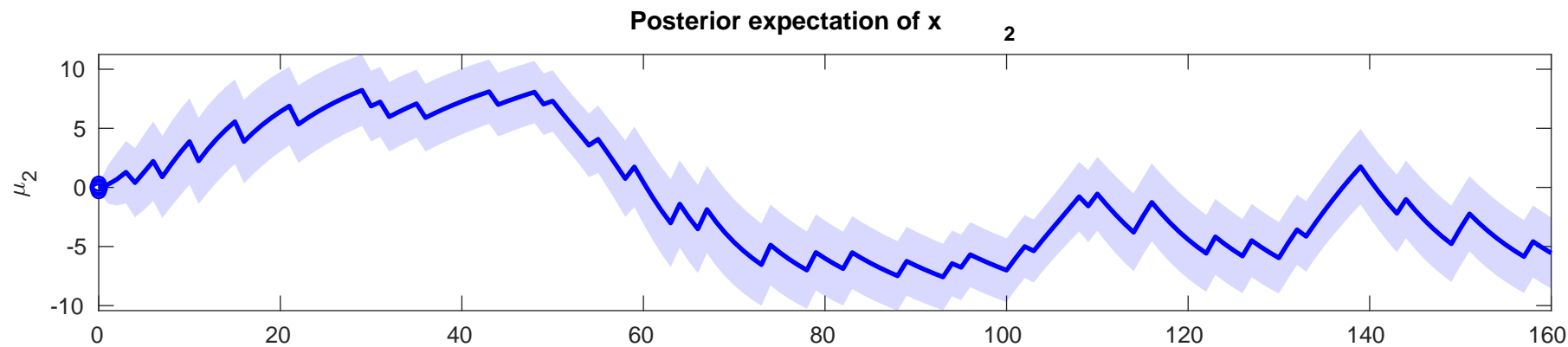
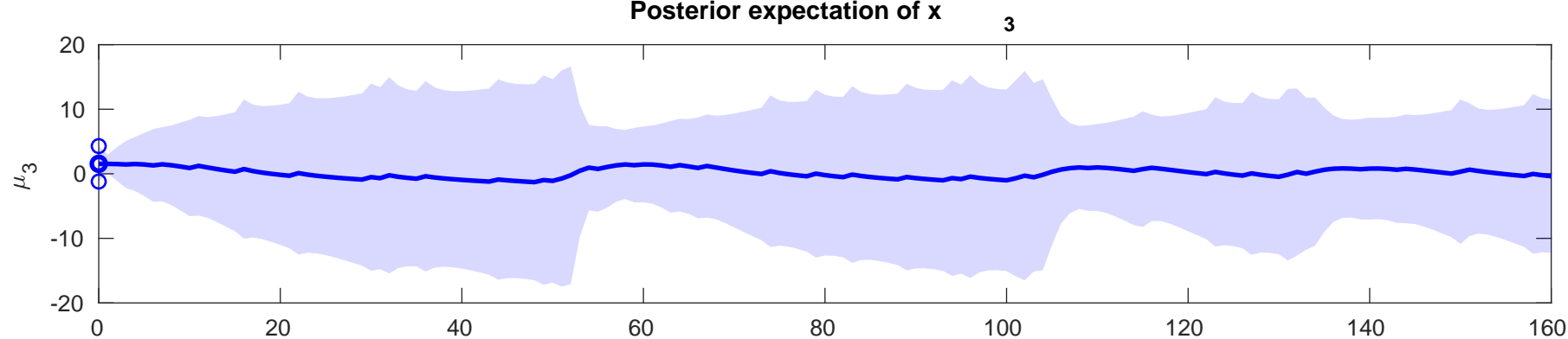
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.932$



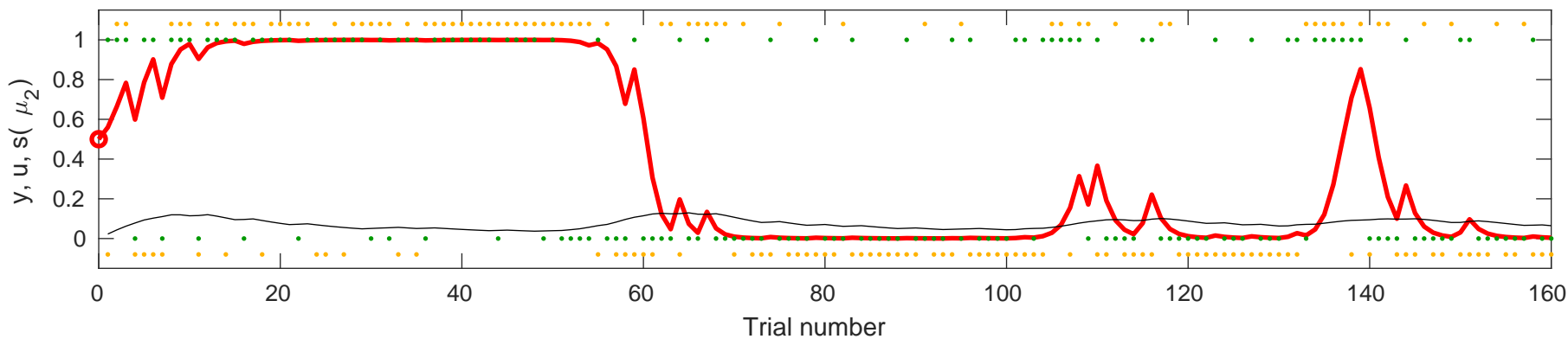


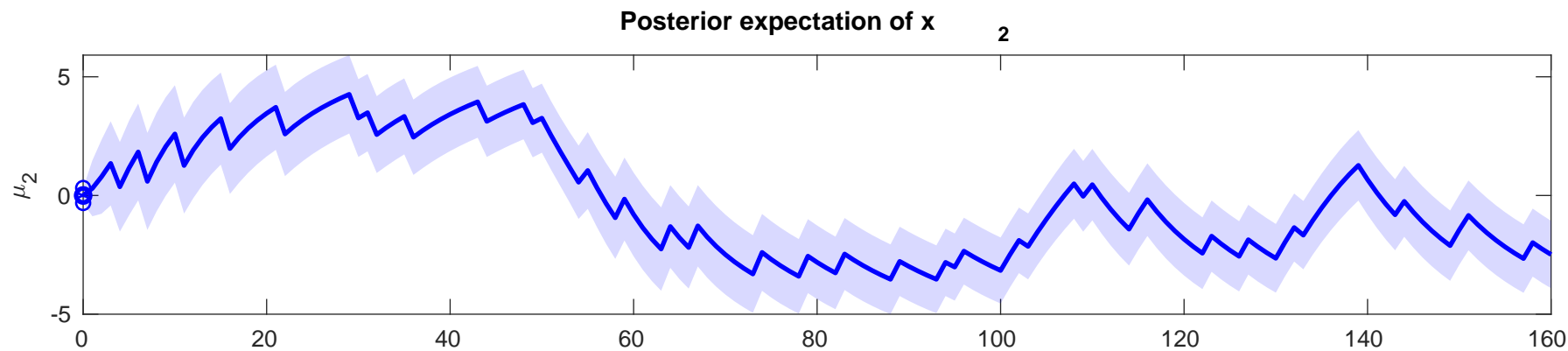
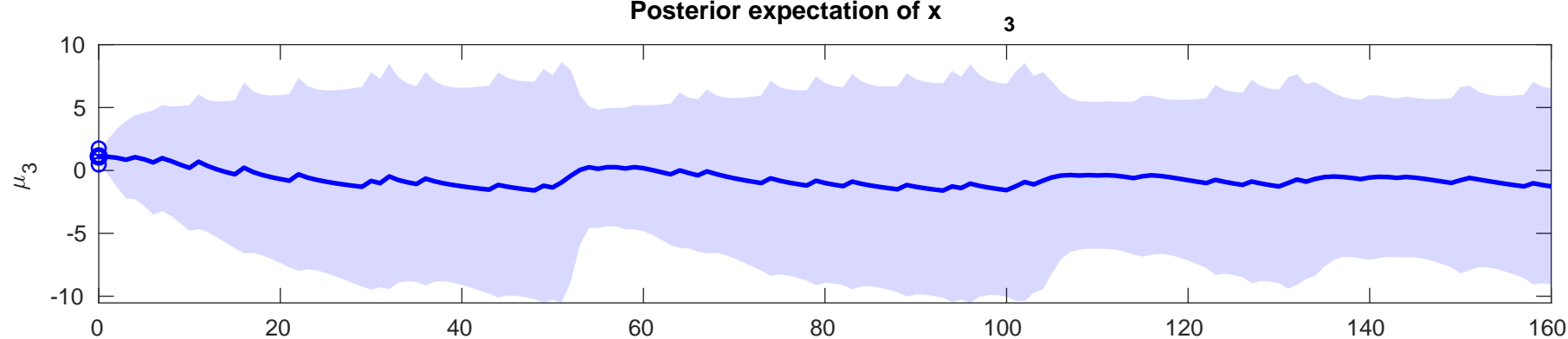
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.0091$



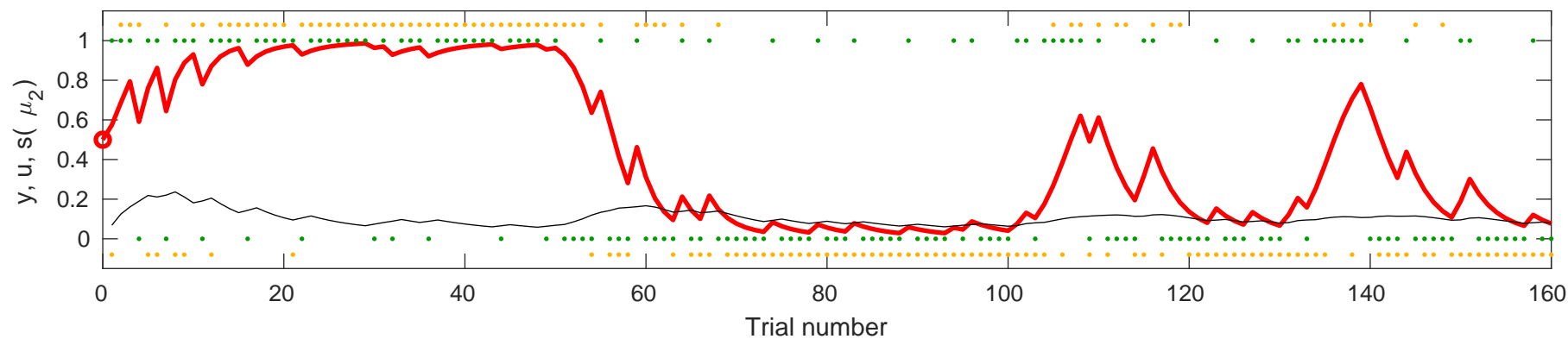


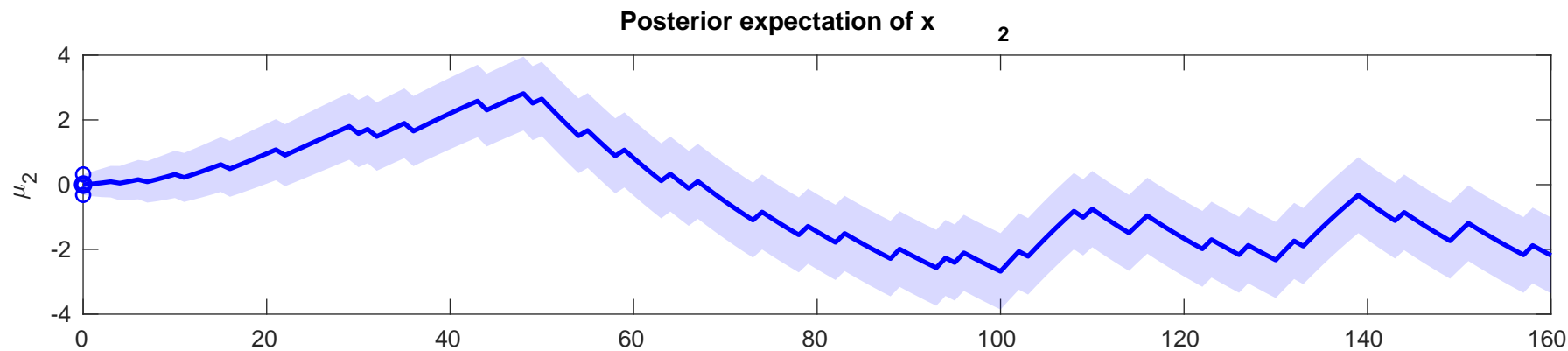
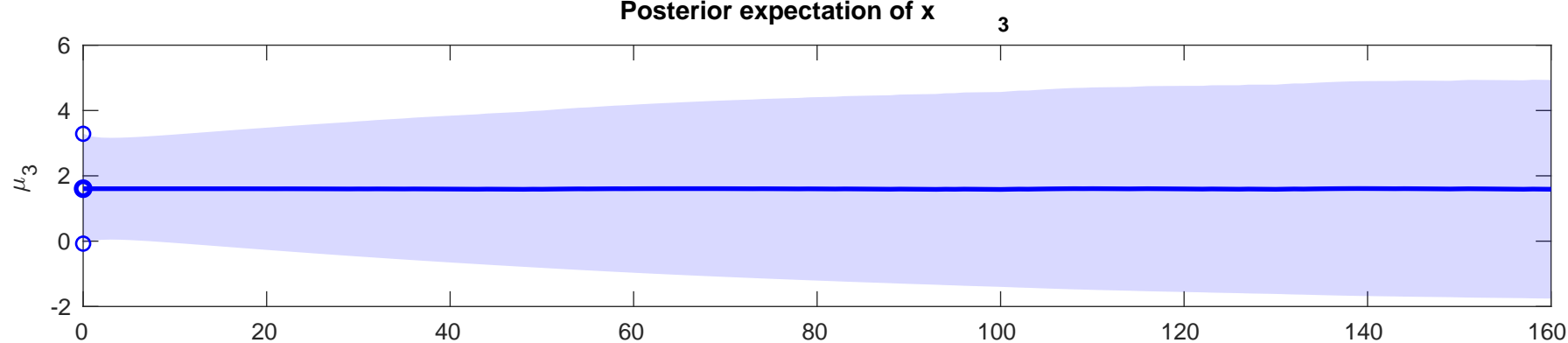
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-0.59904$



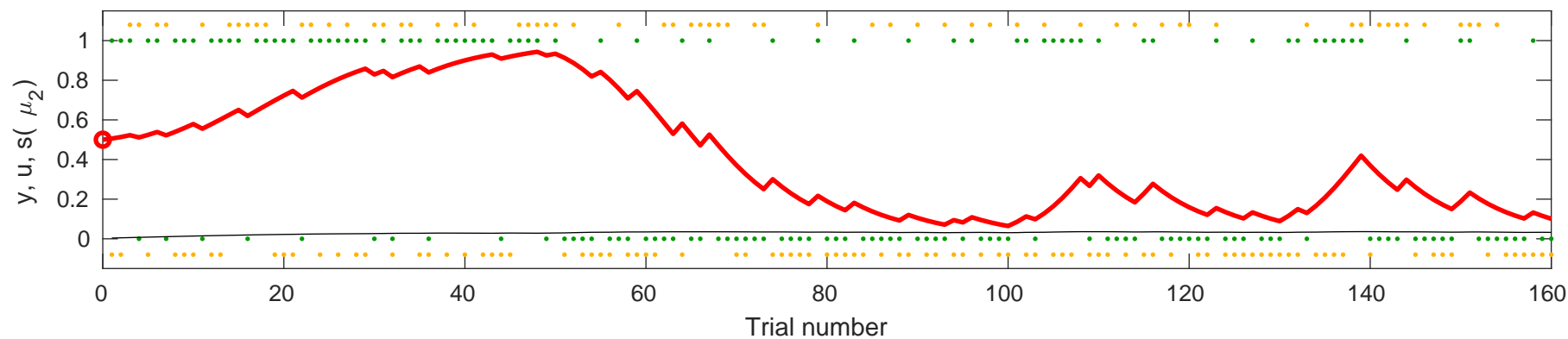


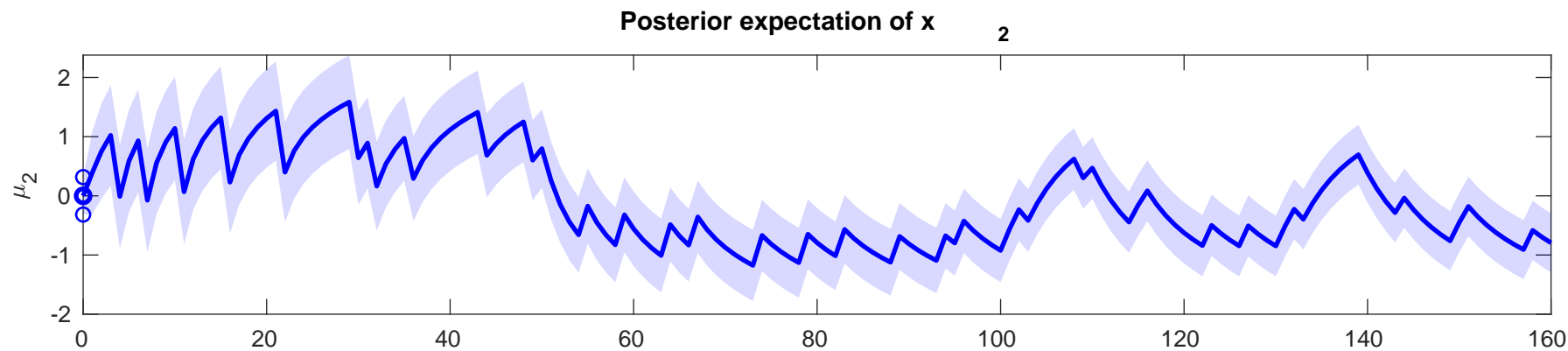
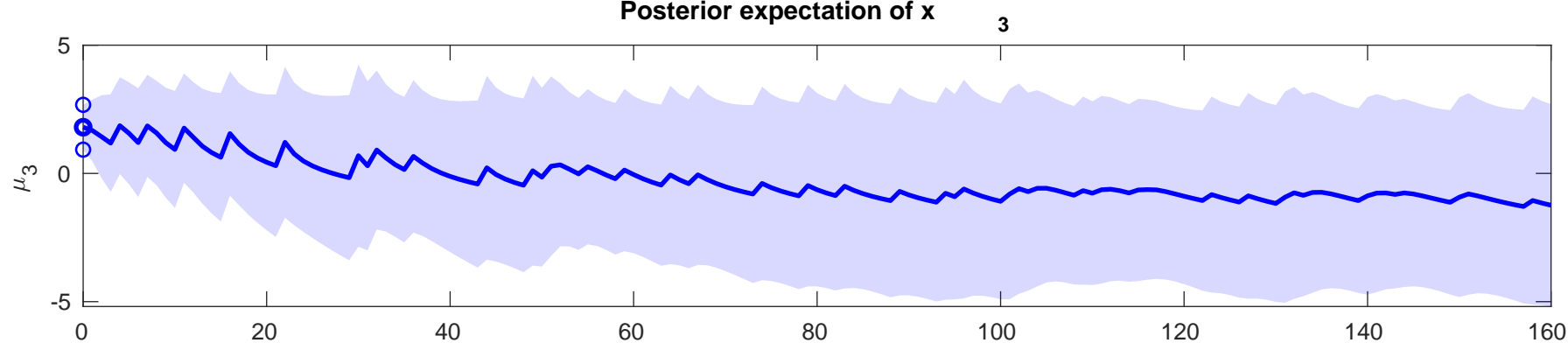
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s(μ_2) (red) for $\rho=0.0$, $\kappa=1$, $\omega=-0.78773$



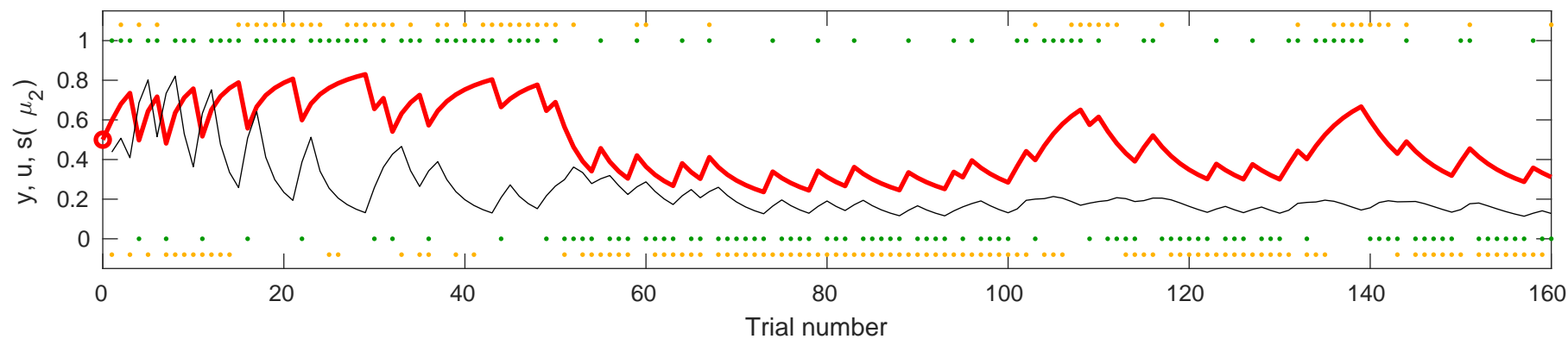


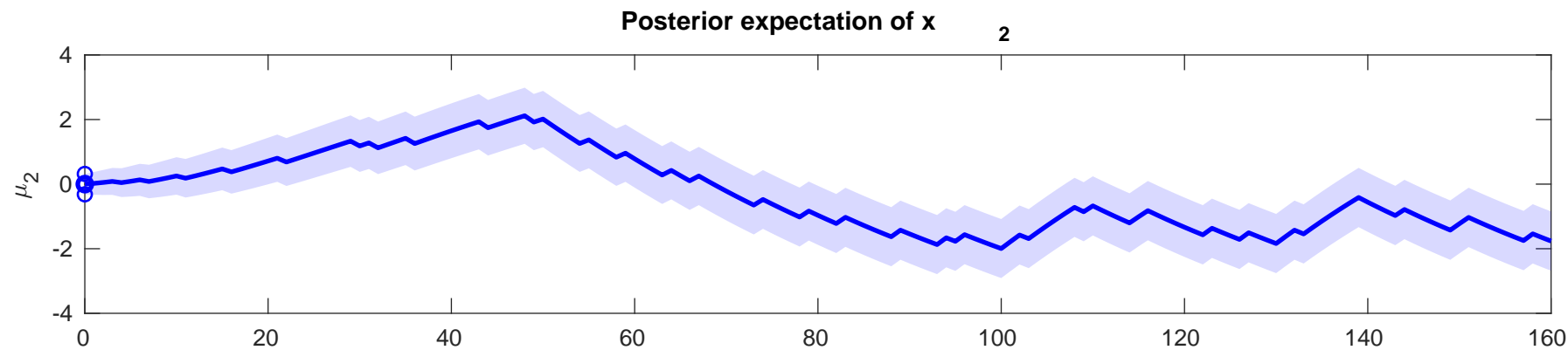
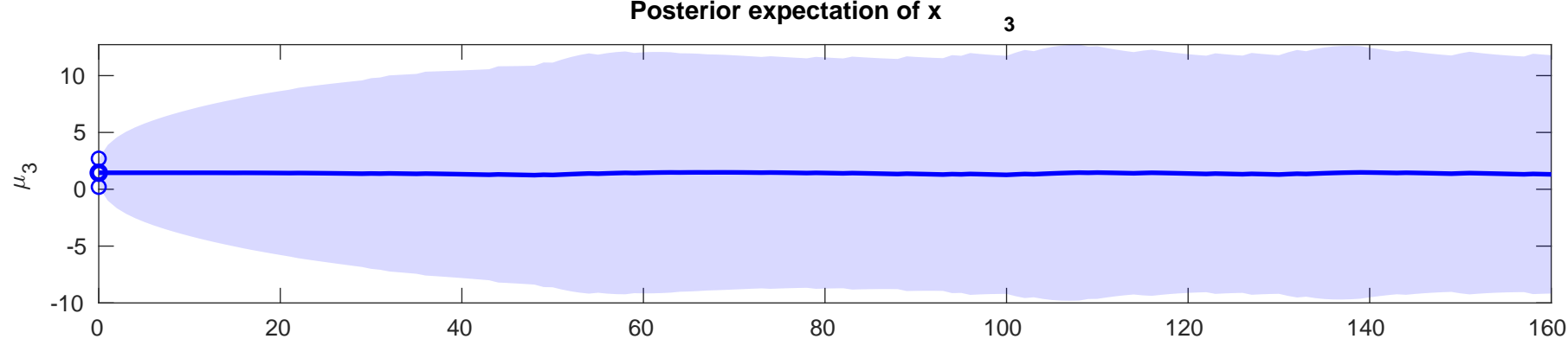
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.6661$



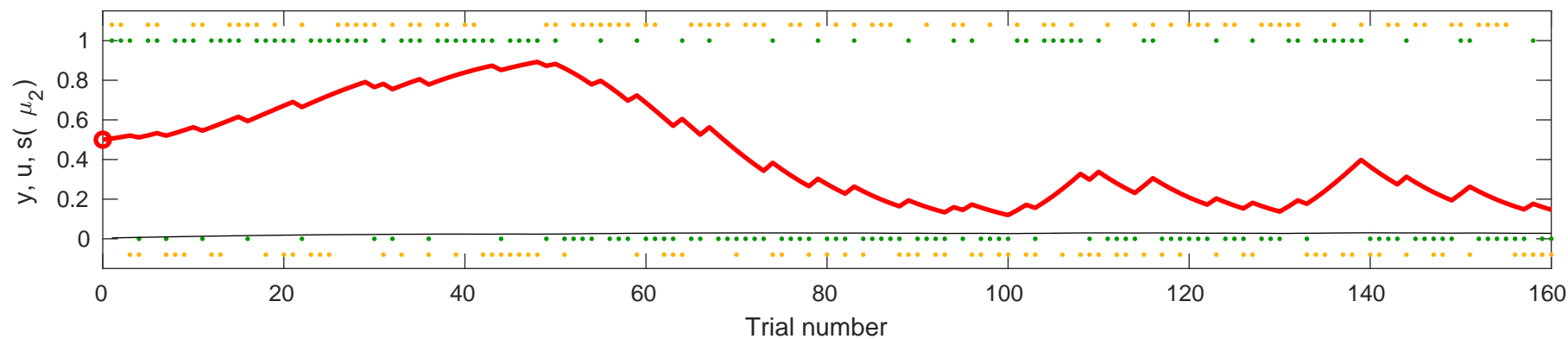


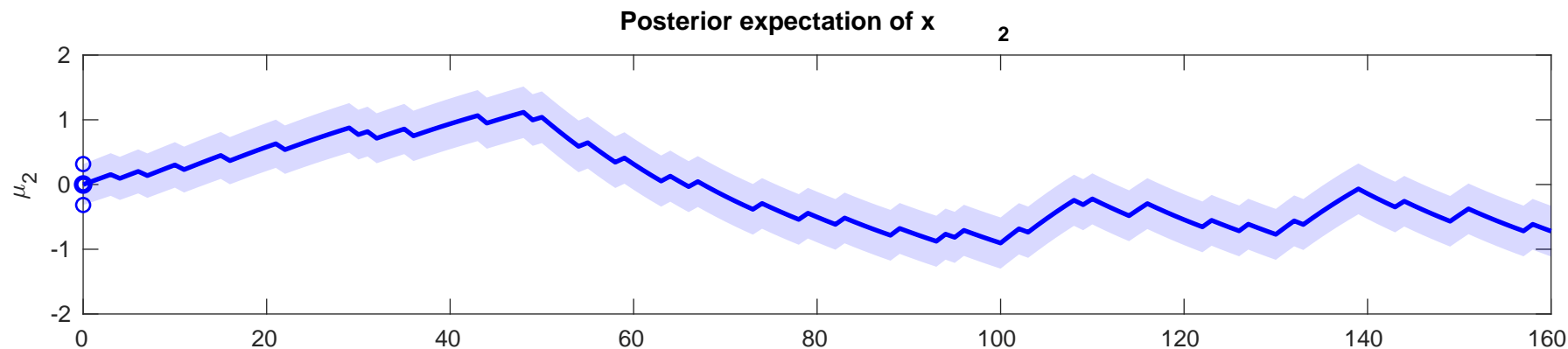
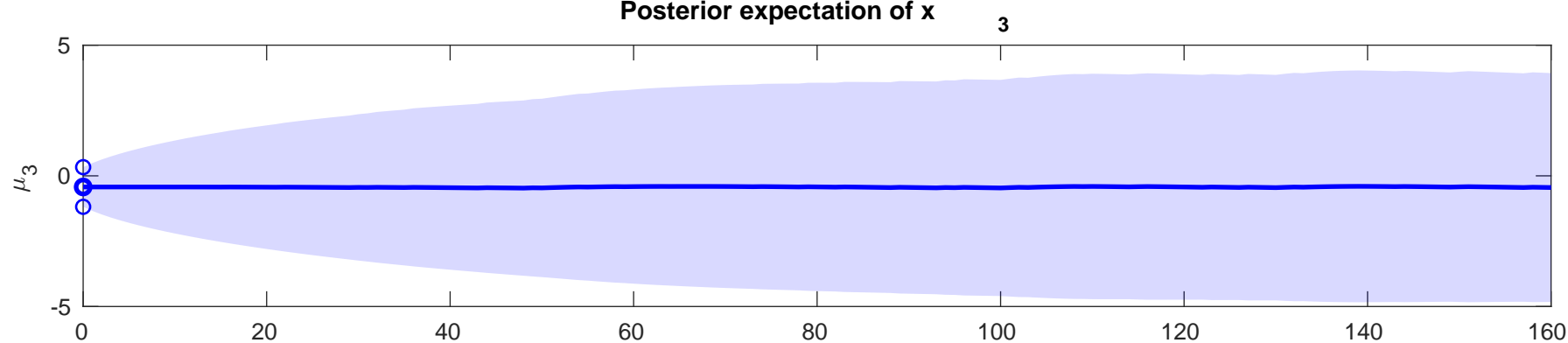
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-2.2789$



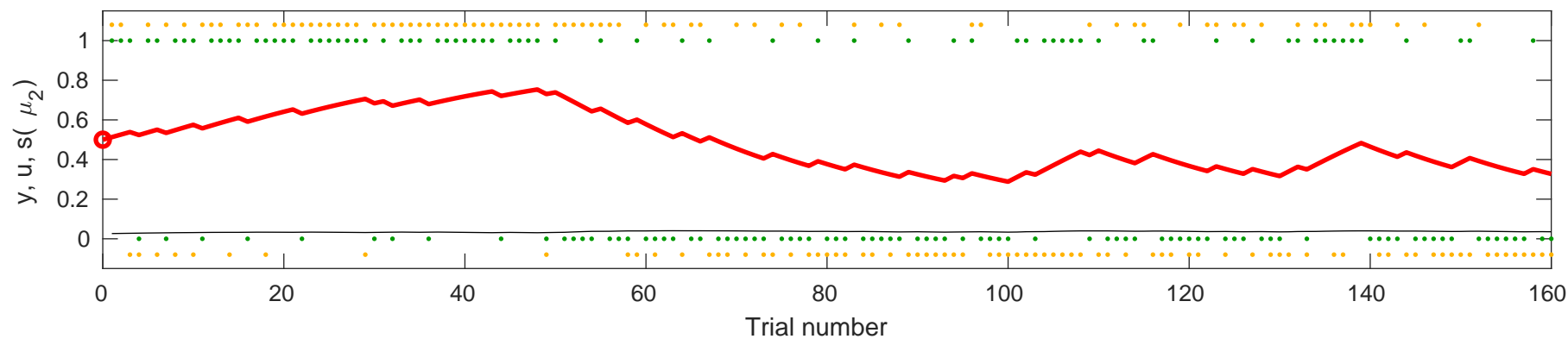


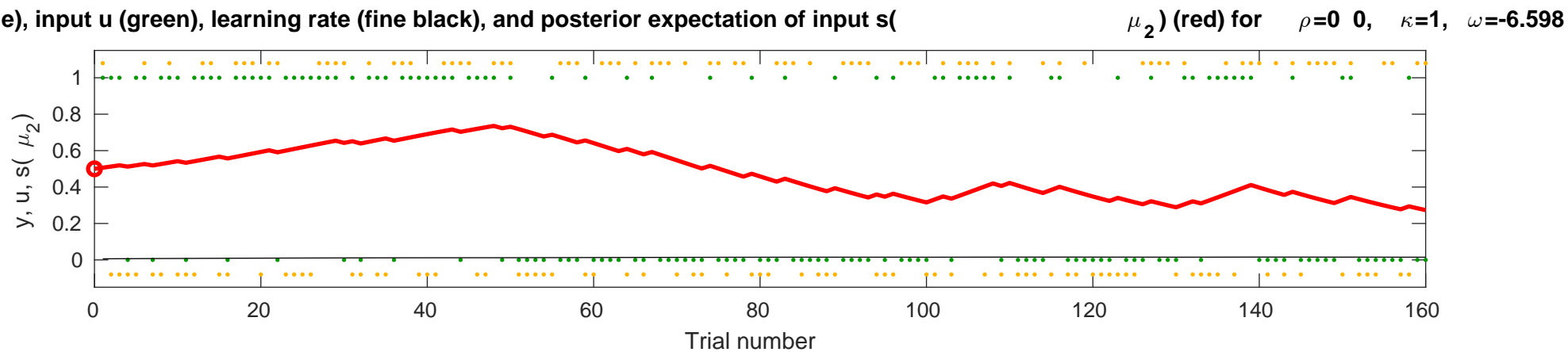
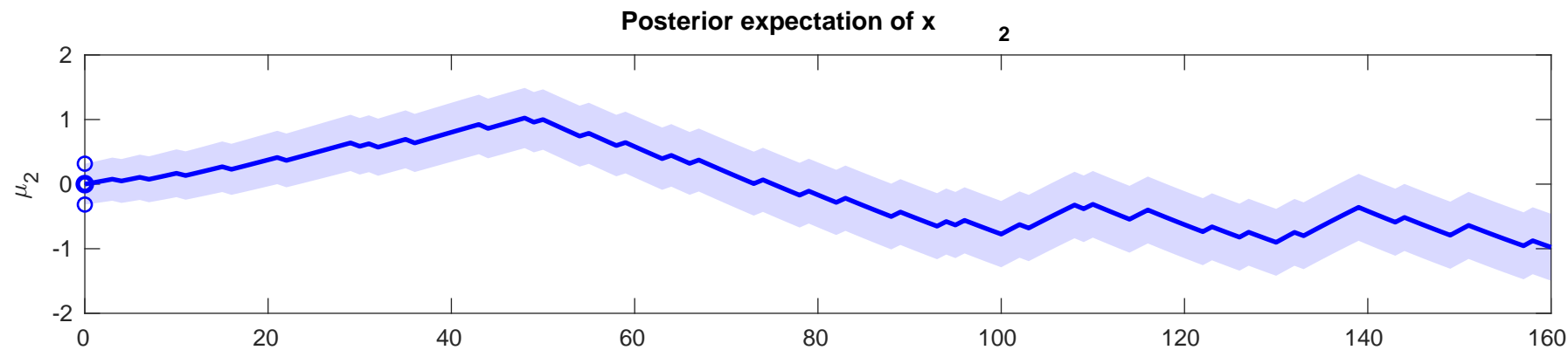
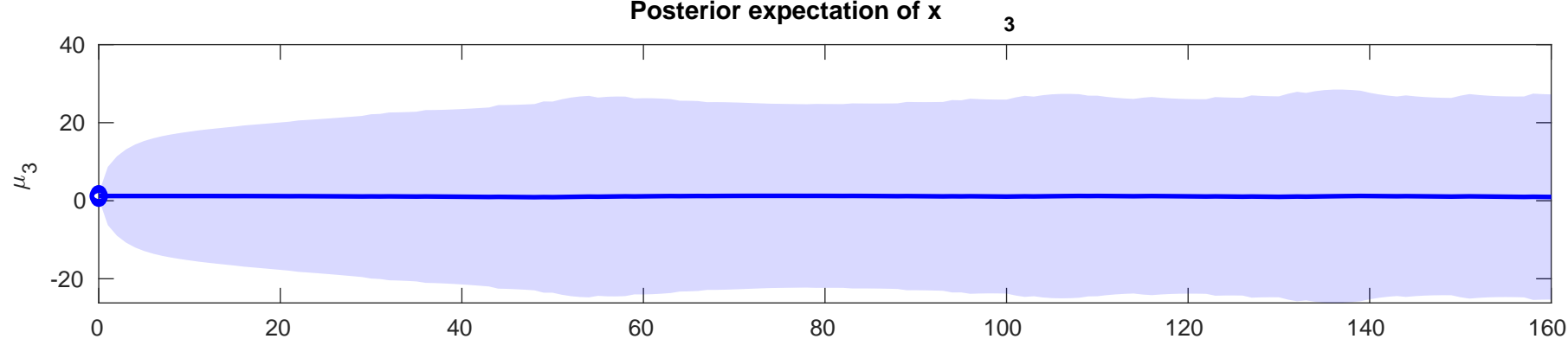
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.1124$

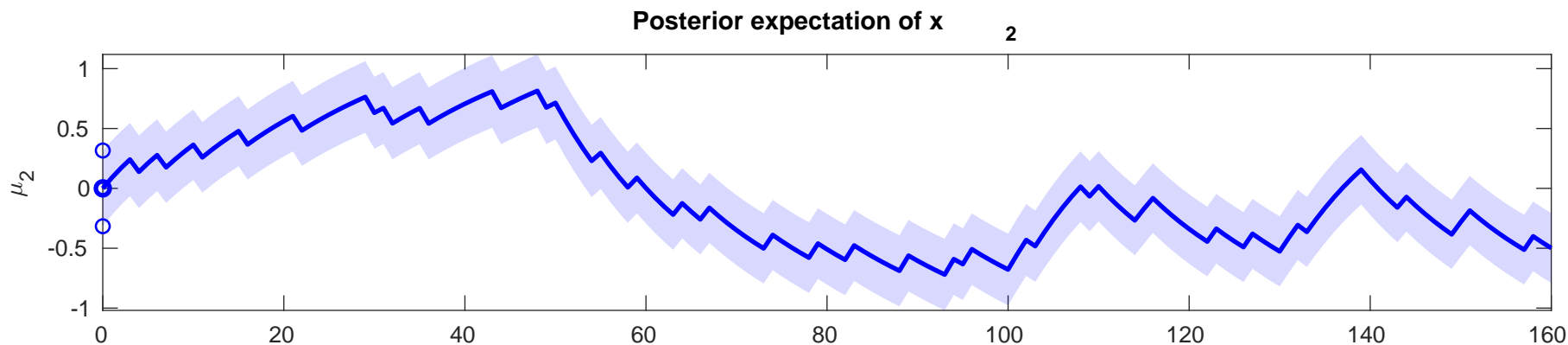
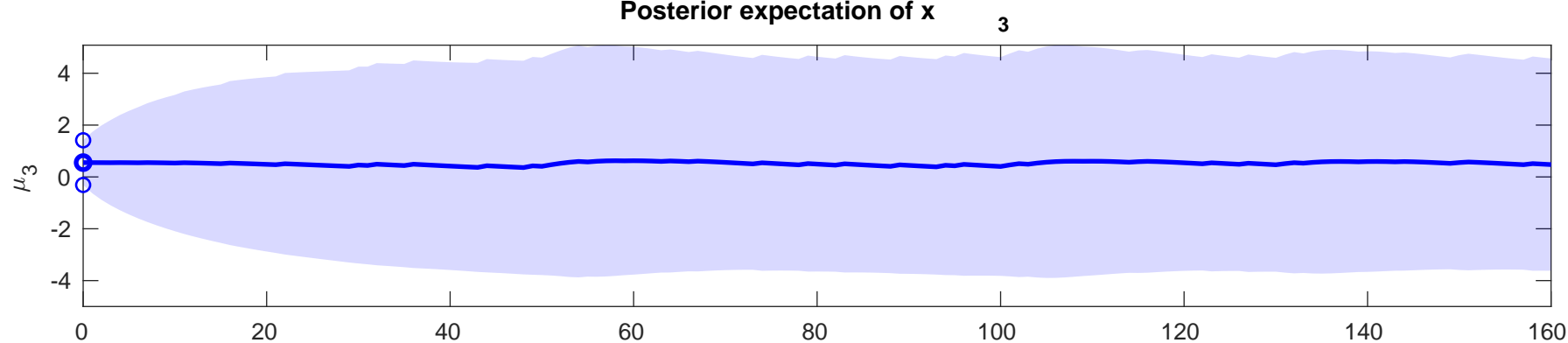




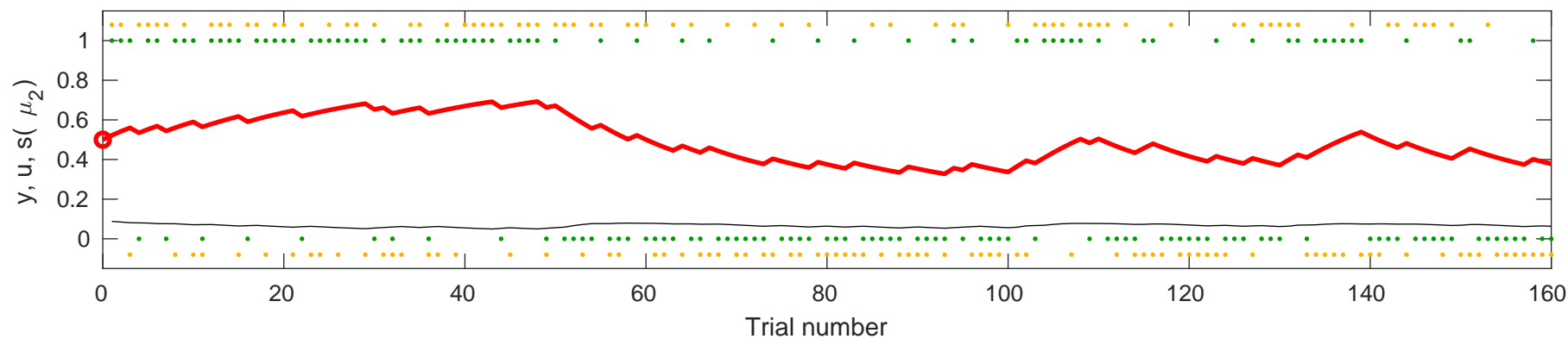
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.7331$

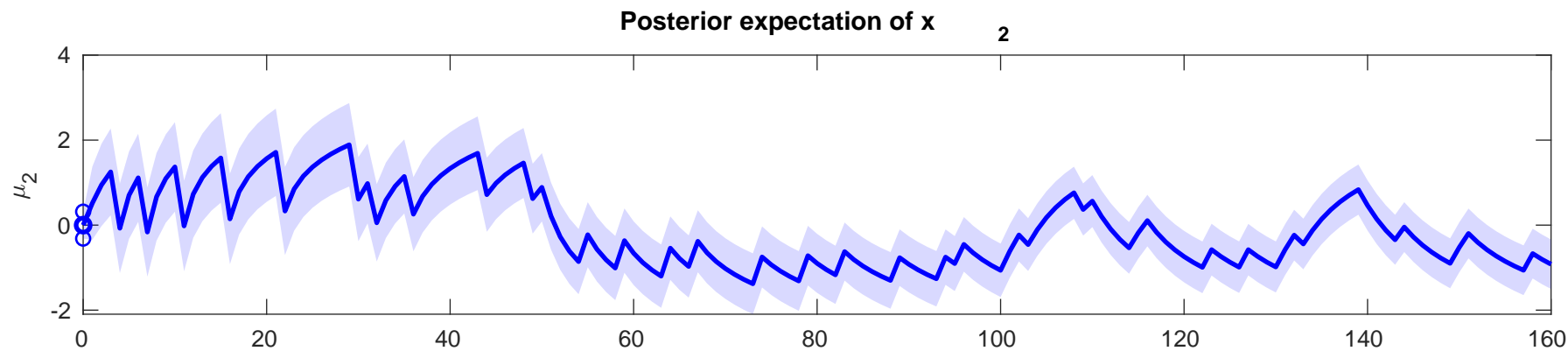
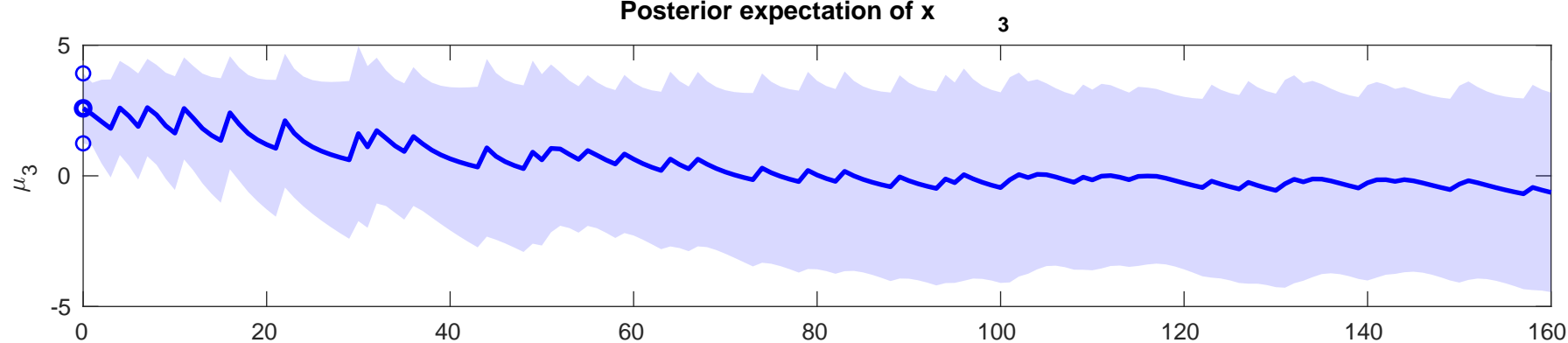




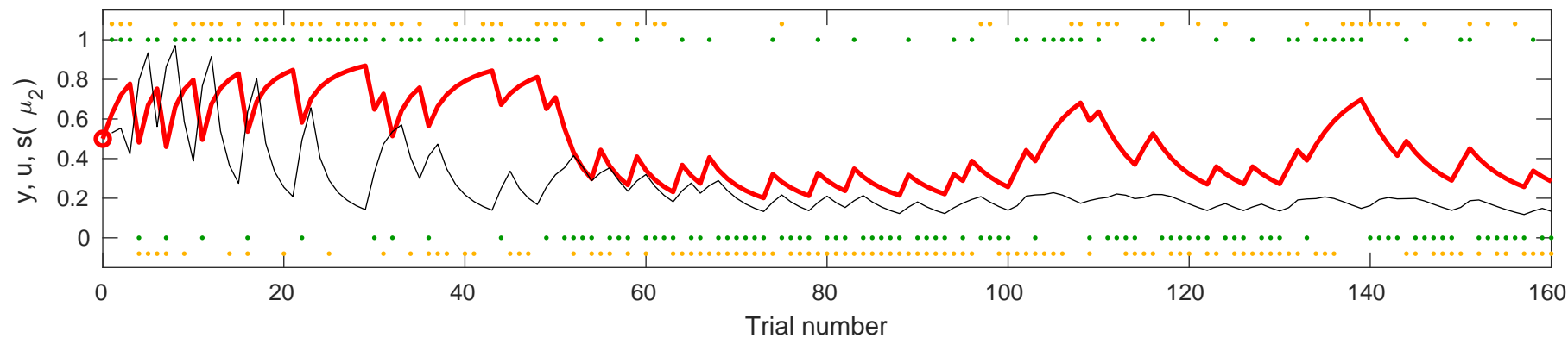


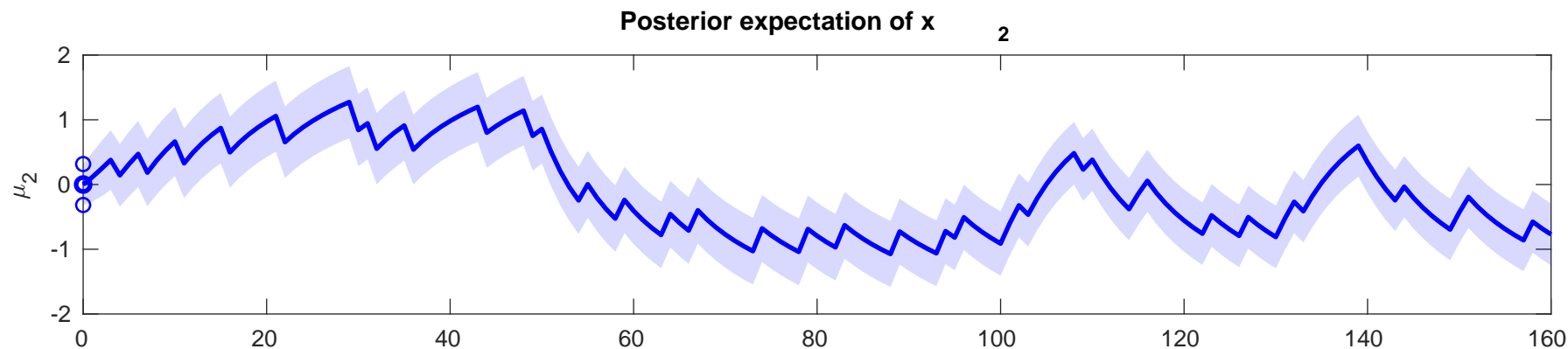
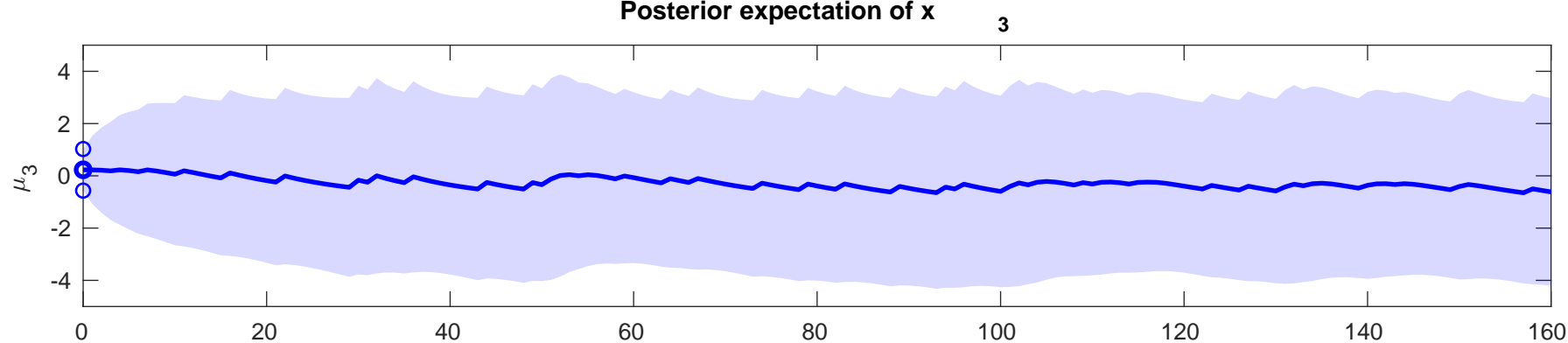
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-5.6813$



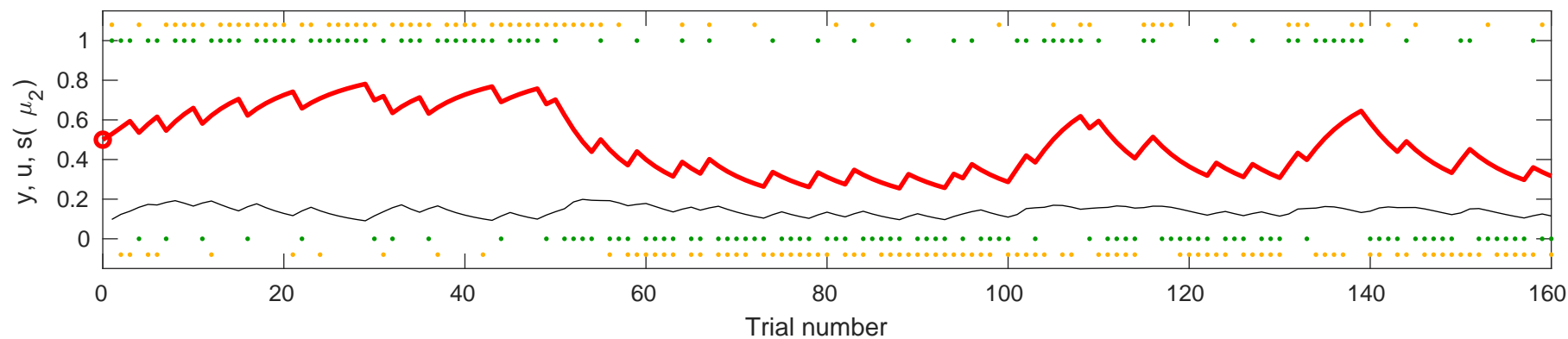


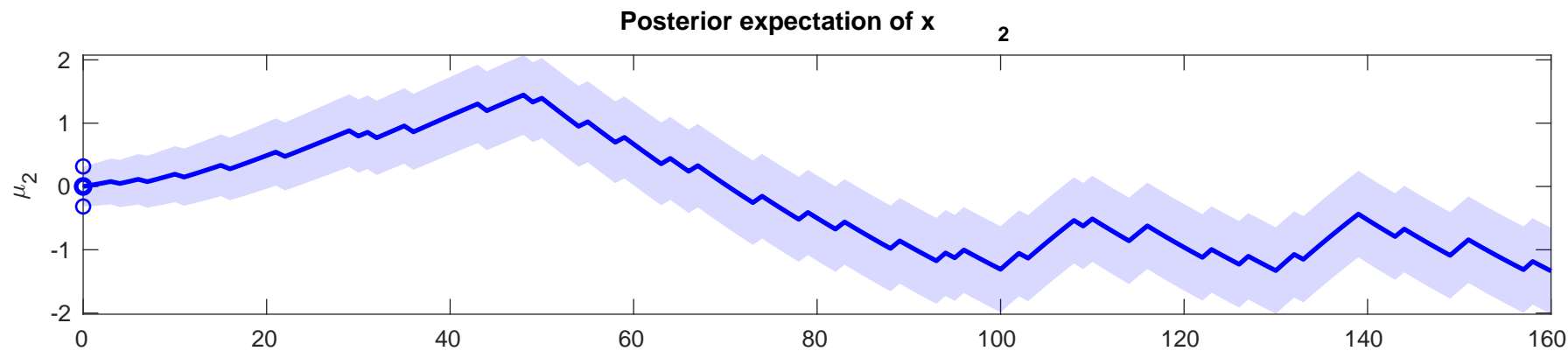
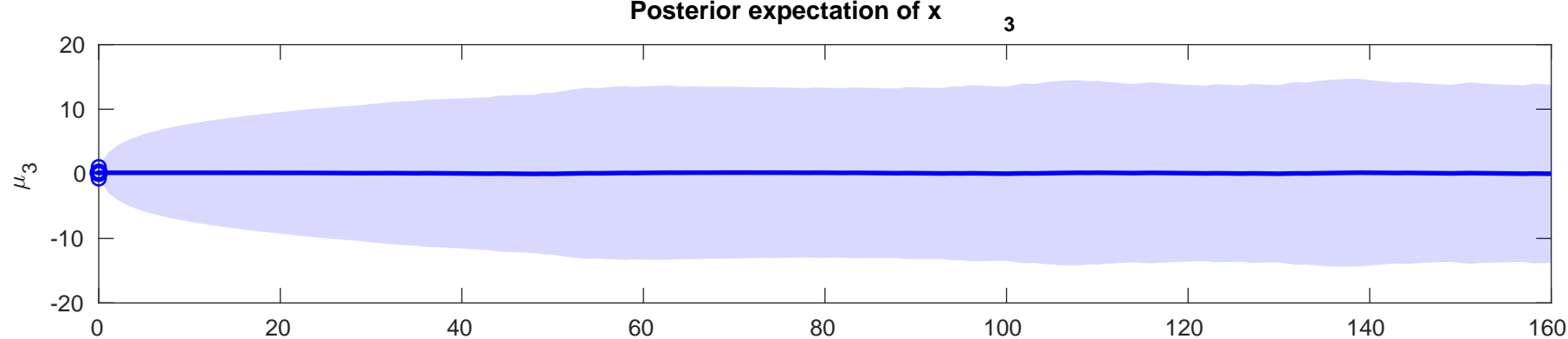
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-2.5272$



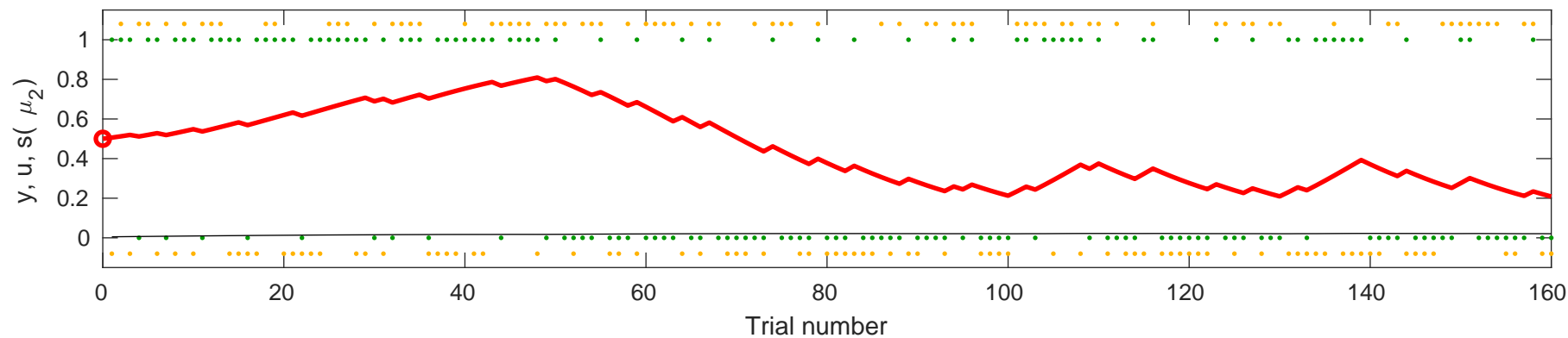


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.0408$



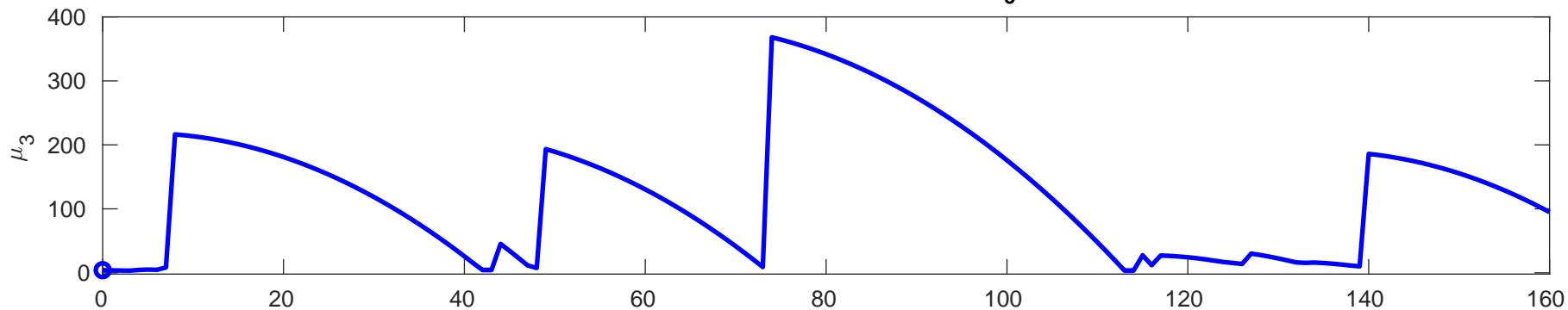


Posterior expectation of x_2 (red), input u (green), learning rate (fine black), and posterior expectation of input s (orange) for $\rho=0$, $\kappa=1$, $\omega=-4.69$

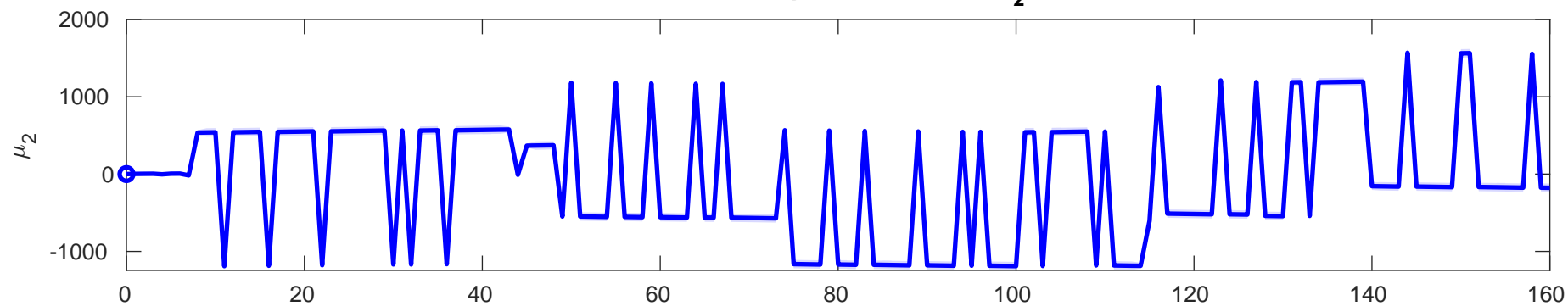


Posterior expectation of x

3

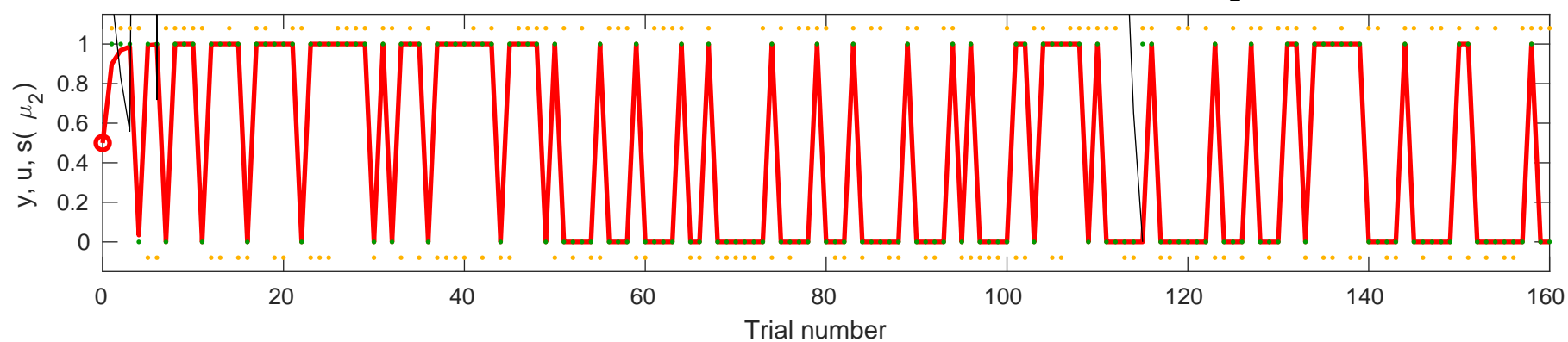
Posterior expectation of x

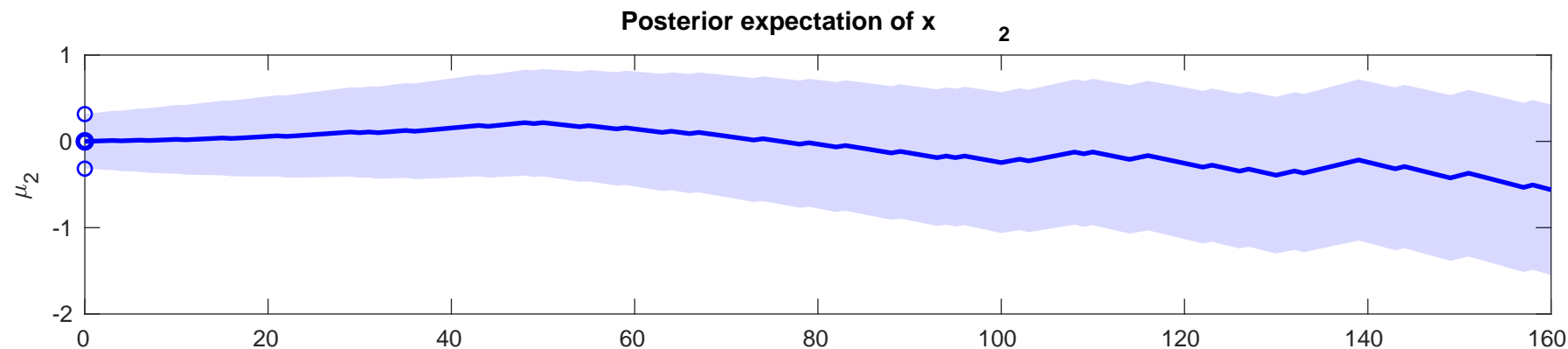
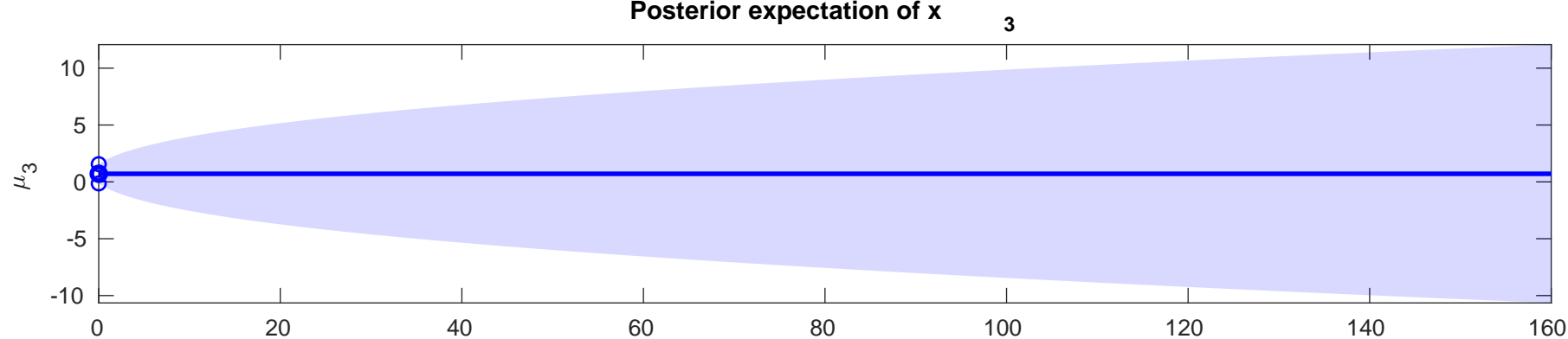
2



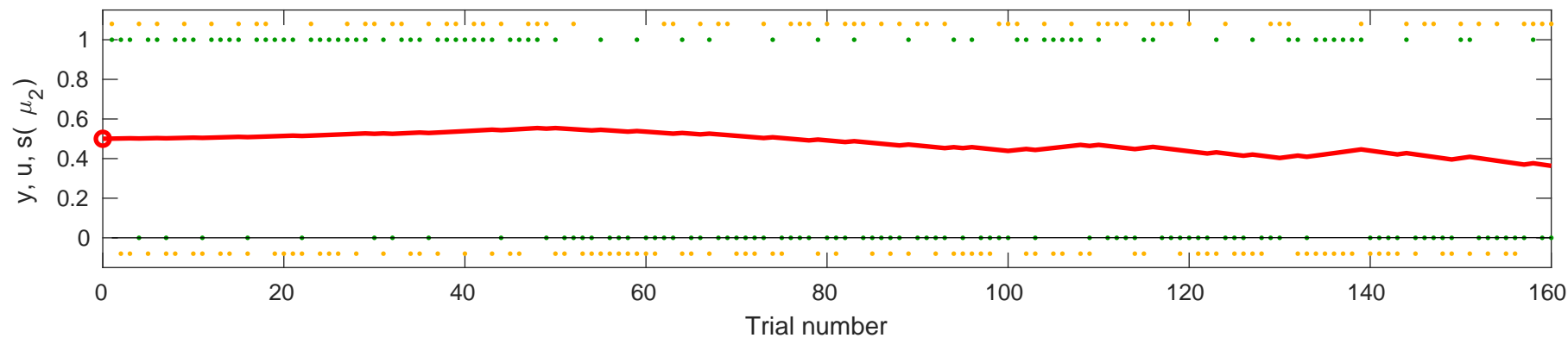
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (

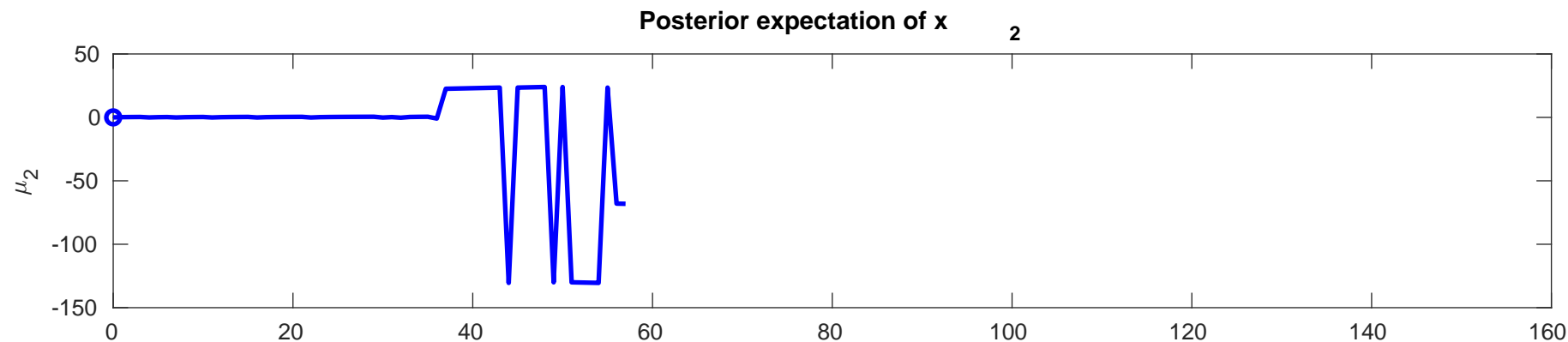
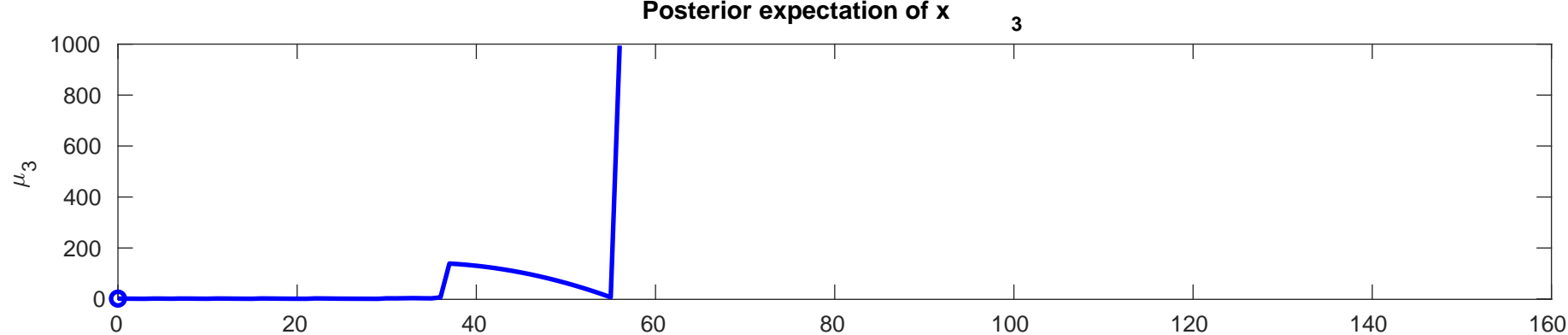
μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-1.1164$



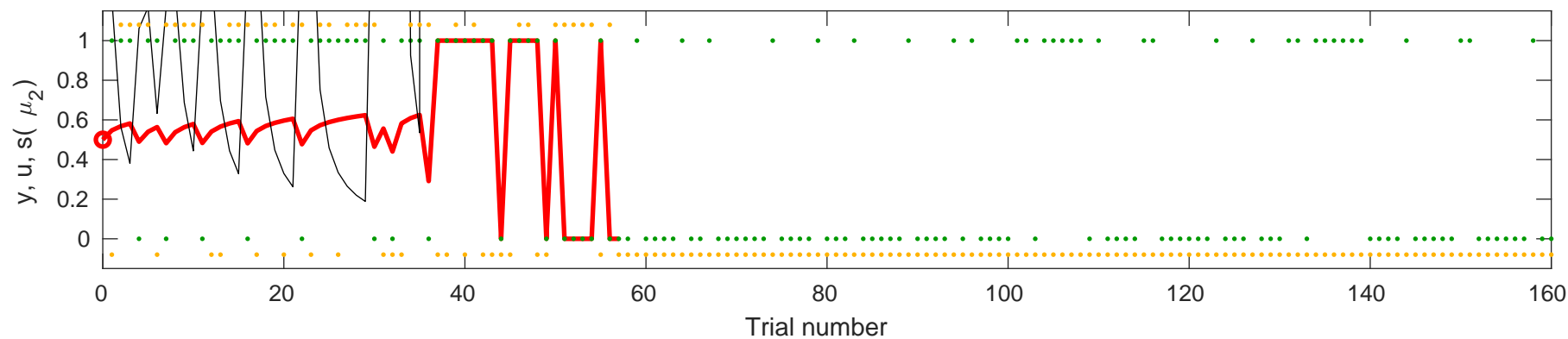


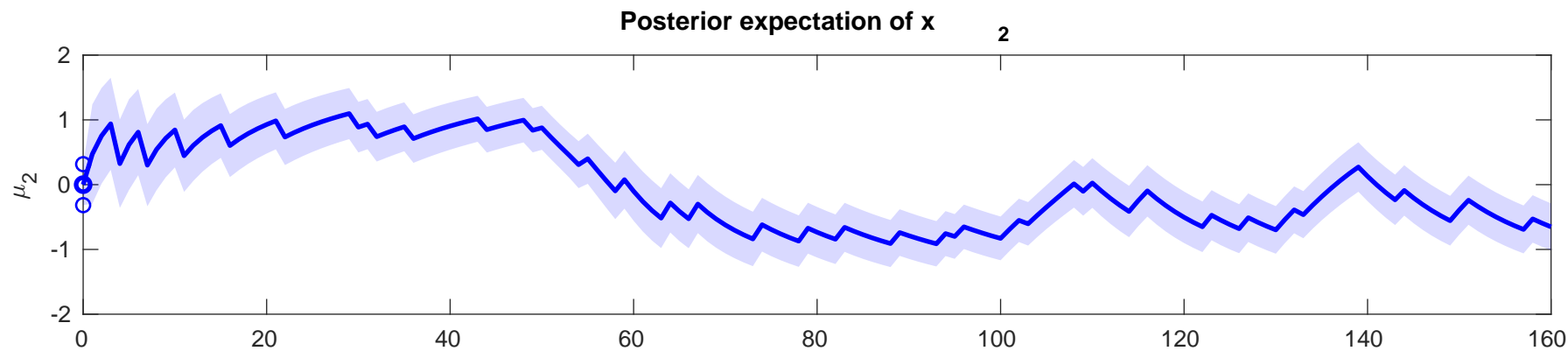
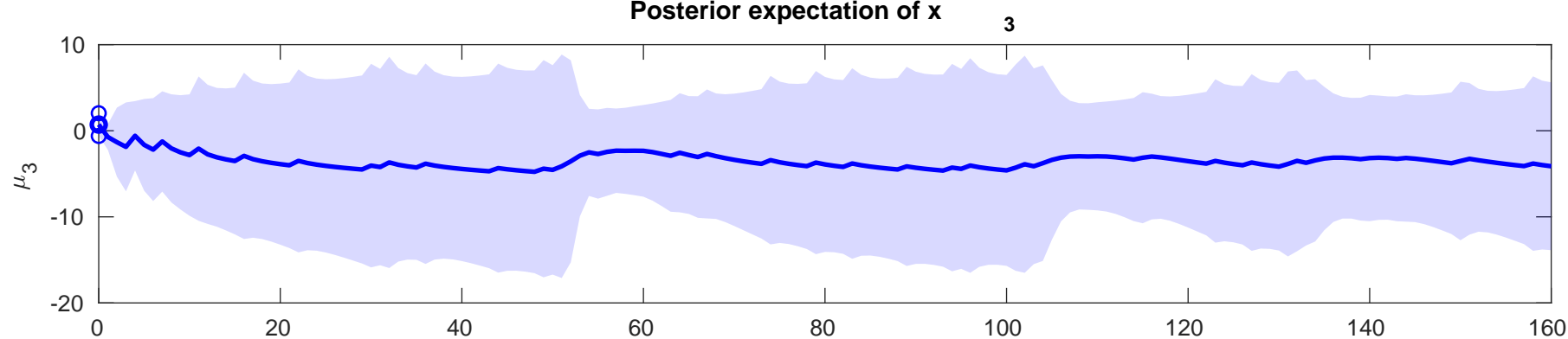
Plot showing the posterior expectation of x_2 (Y-axis, μ_2) versus Trial number (X-axis, 0 to 160). The plot displays a solid blue line representing the posterior expectation, which fluctuates around 0. A light blue shaded region indicates the uncertainty or confidence interval, which widens significantly over time. Three open circles are marked at the top of the Y-axis at trial 0.



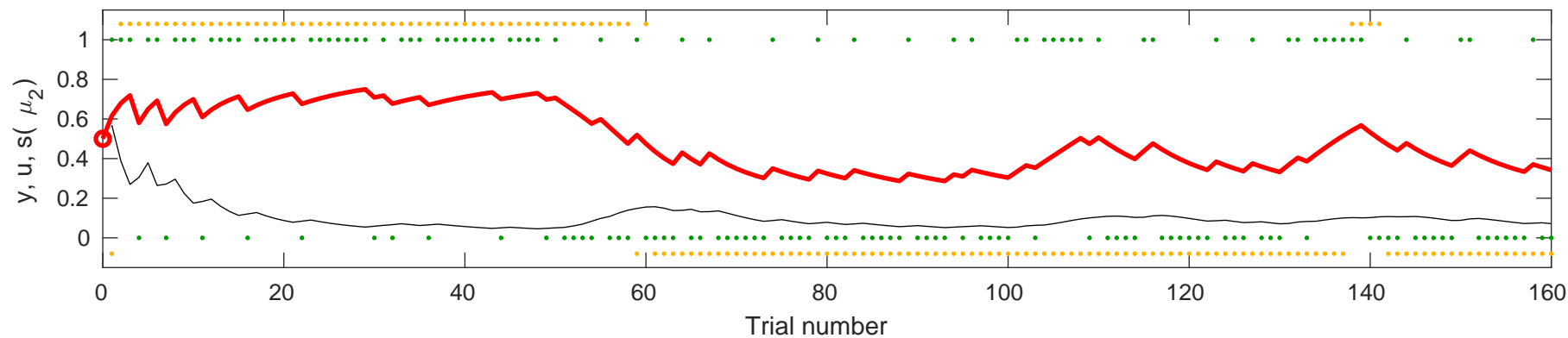


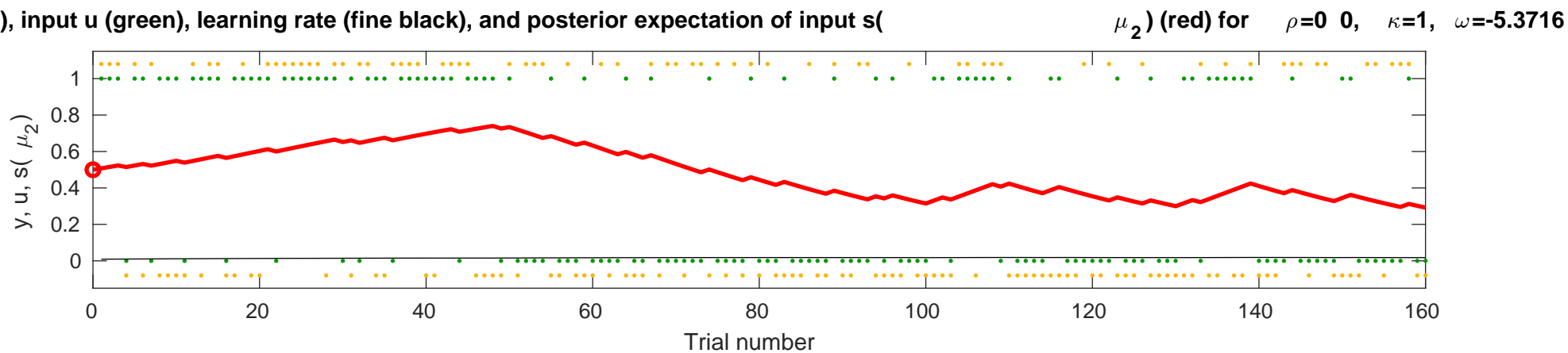
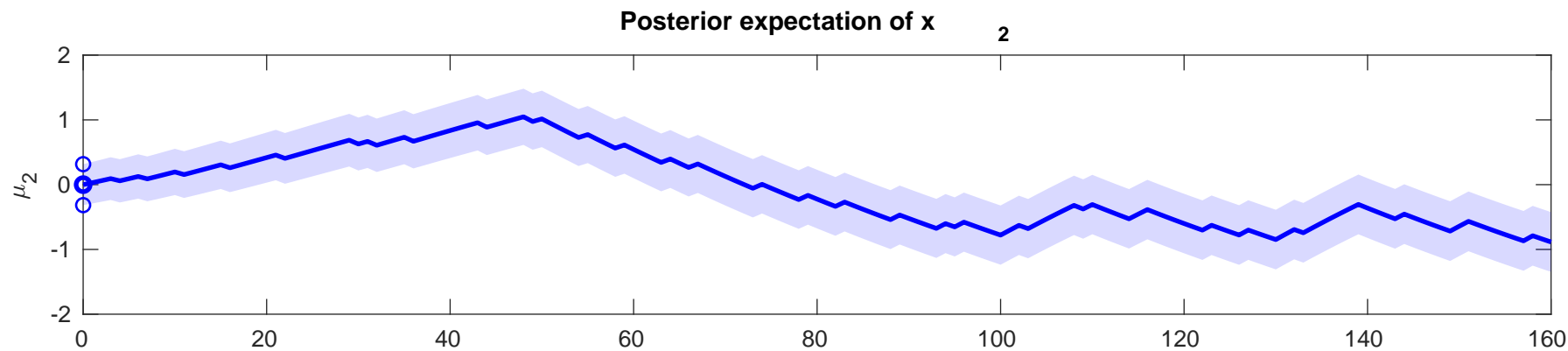
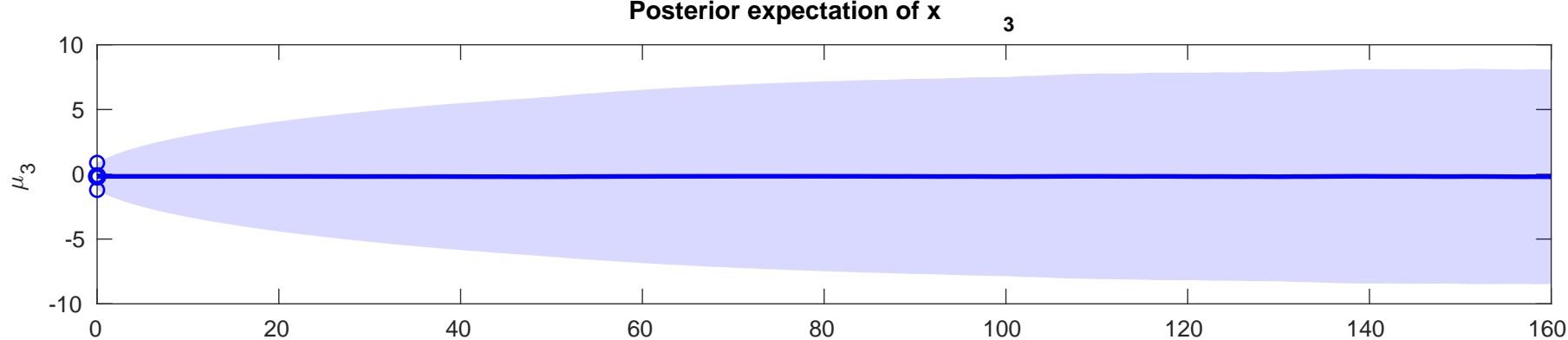
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.3401$

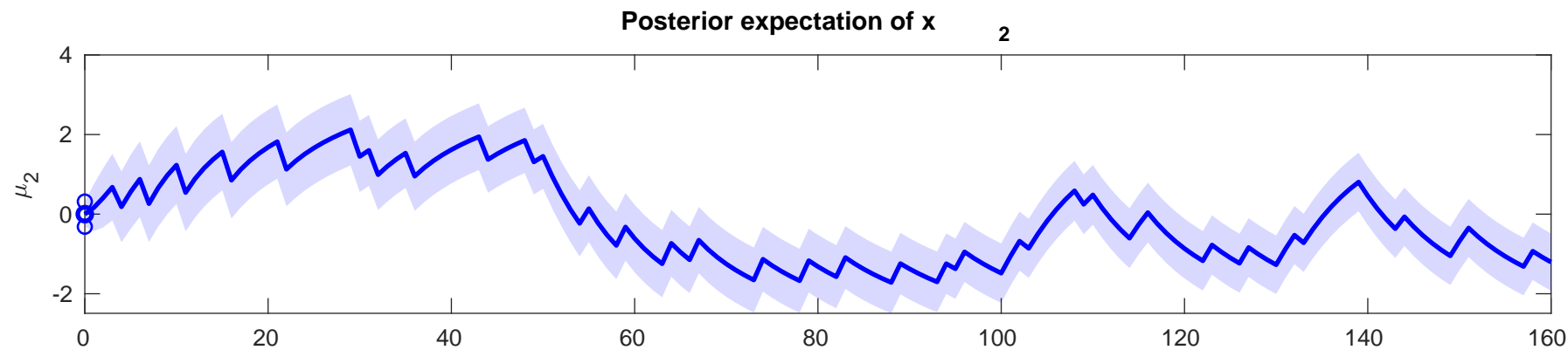
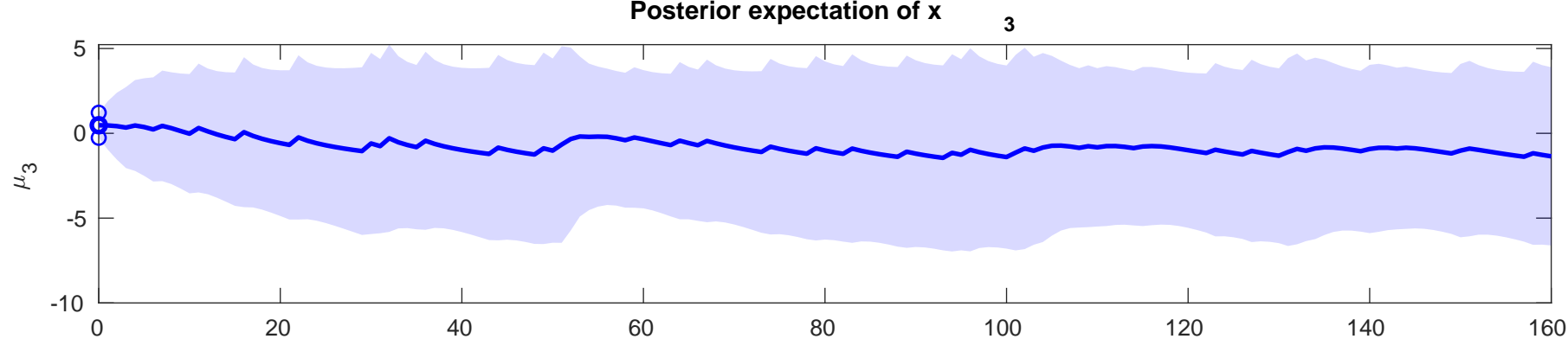




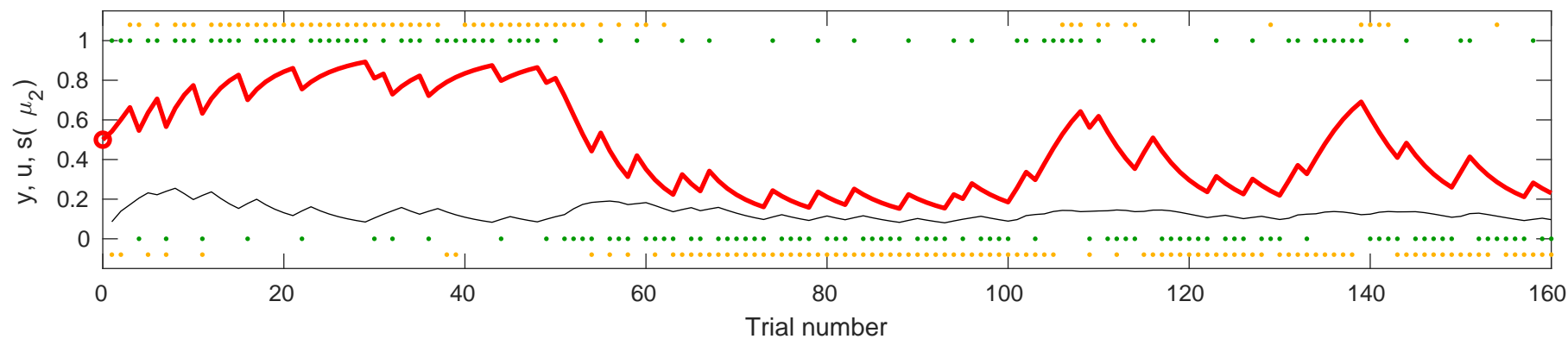
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-0.87869$





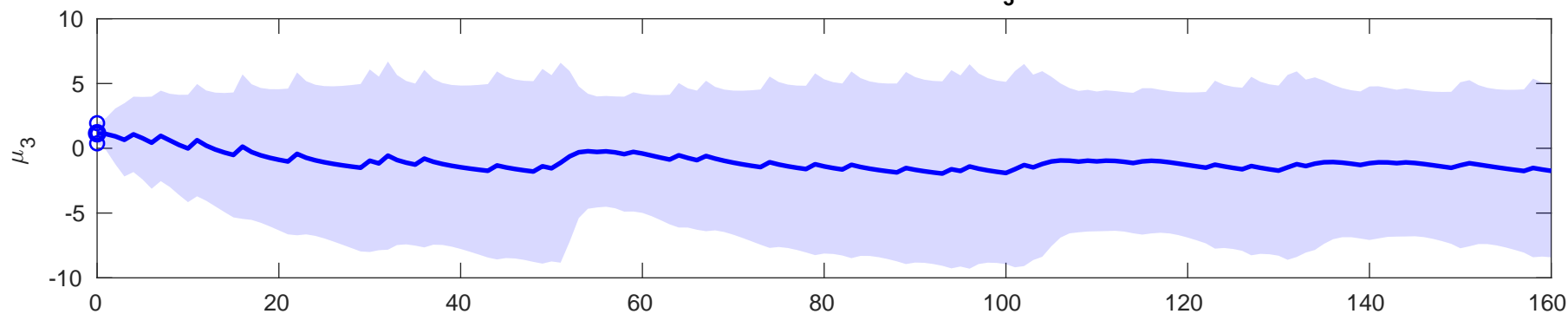


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.7364$

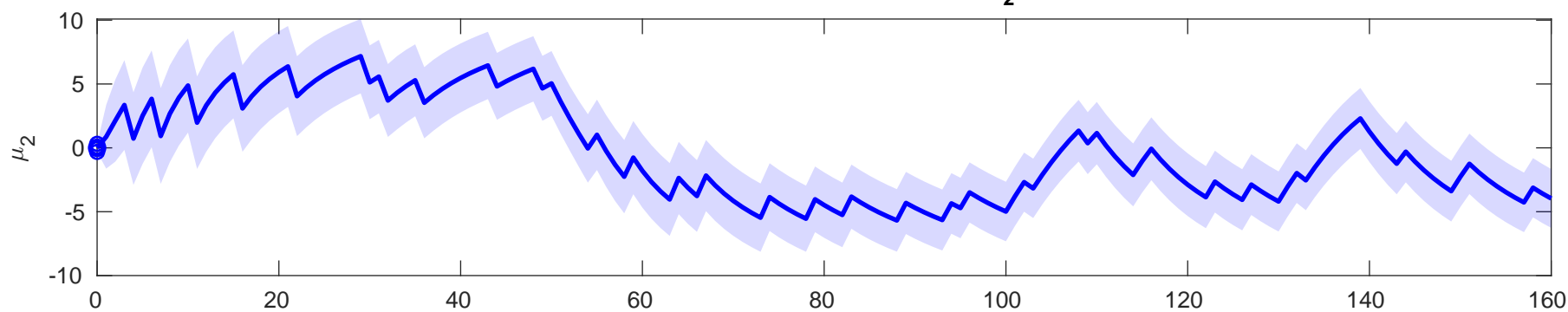


Posterior expectation of x

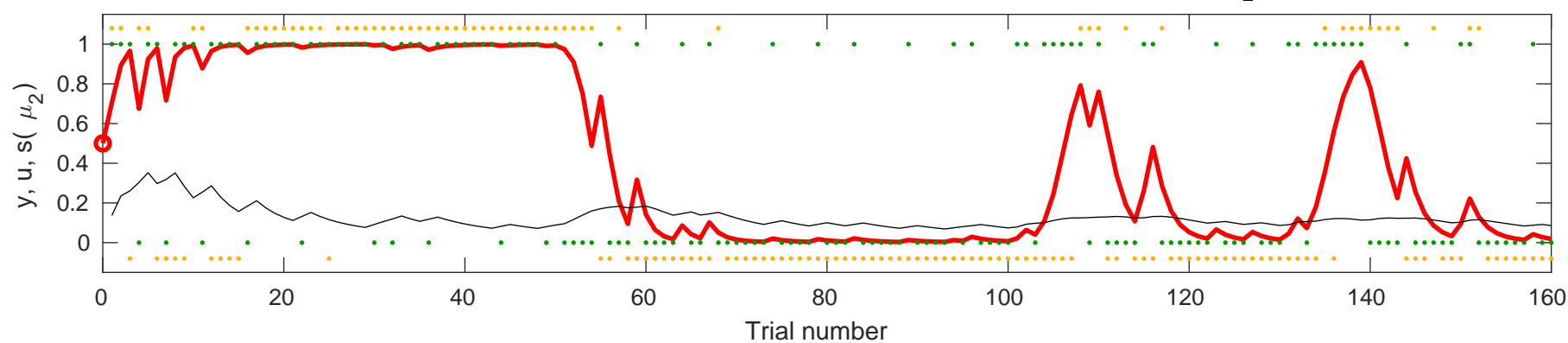
3

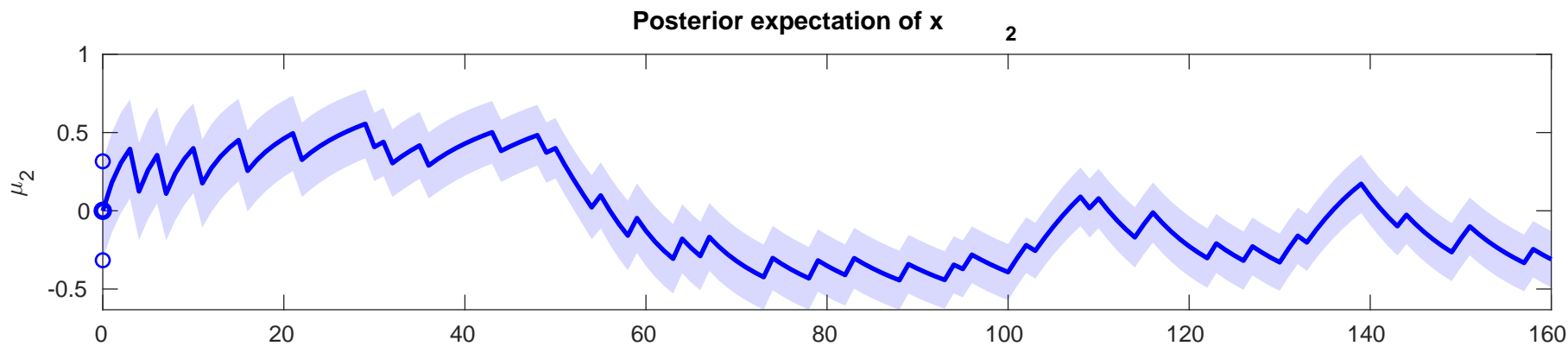
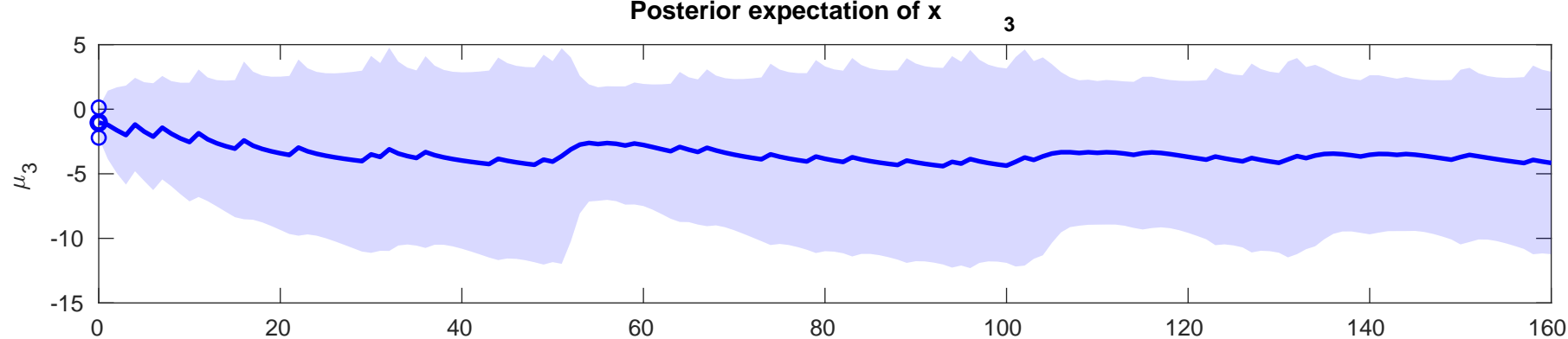
Posterior expectation of x

2

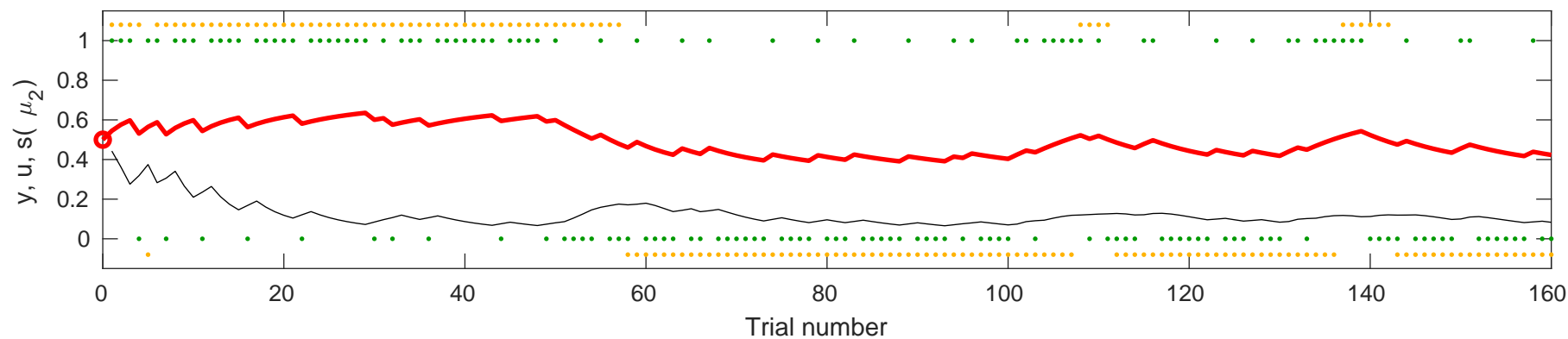


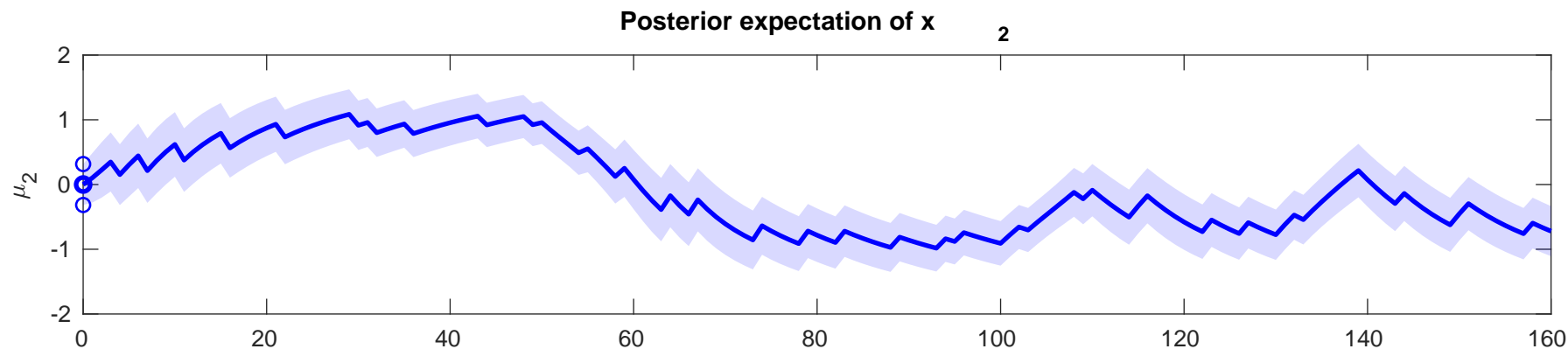
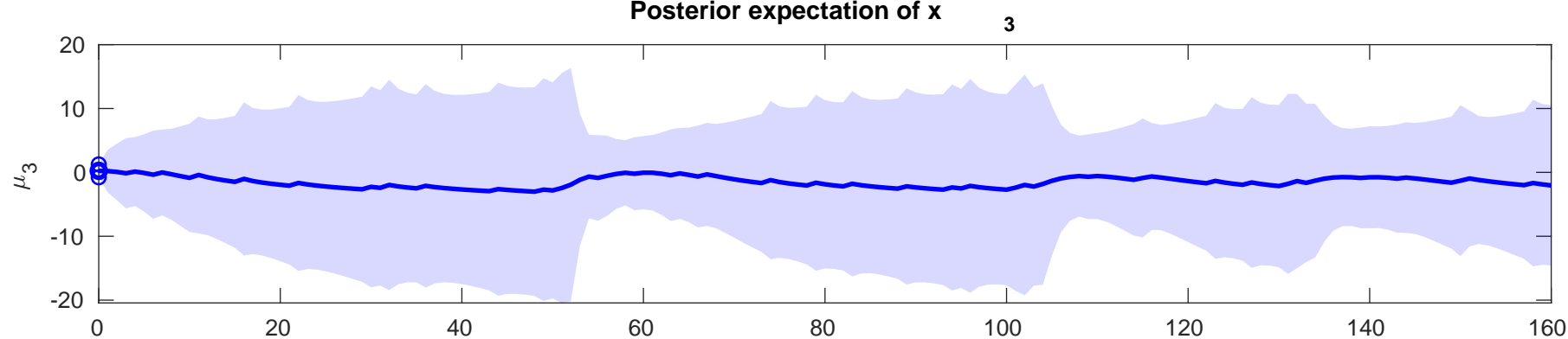
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=0.78627$



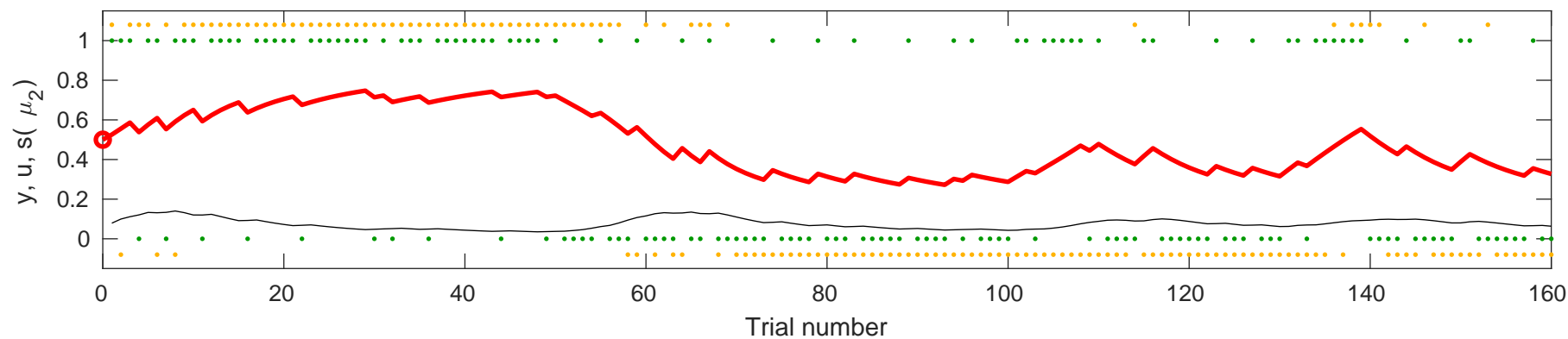


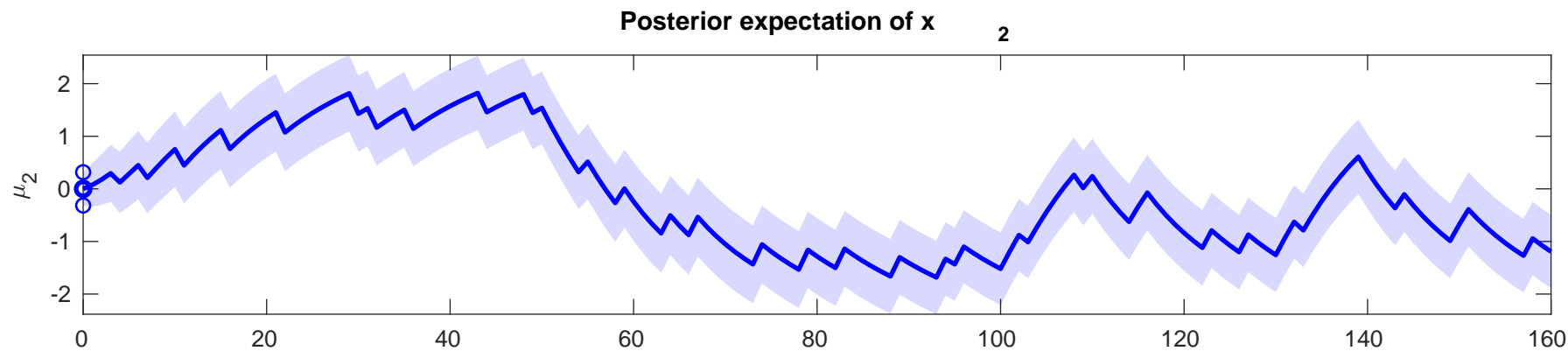
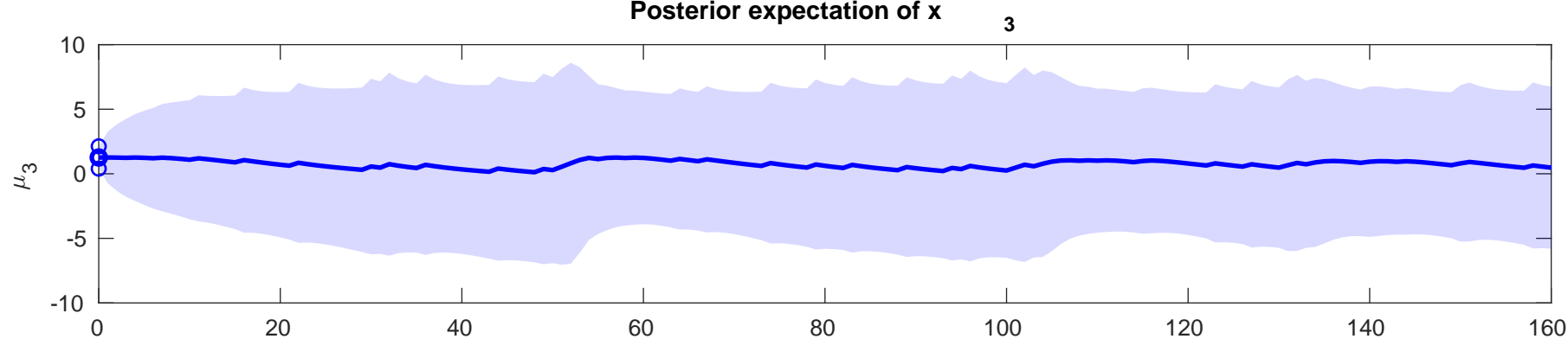
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.9545$



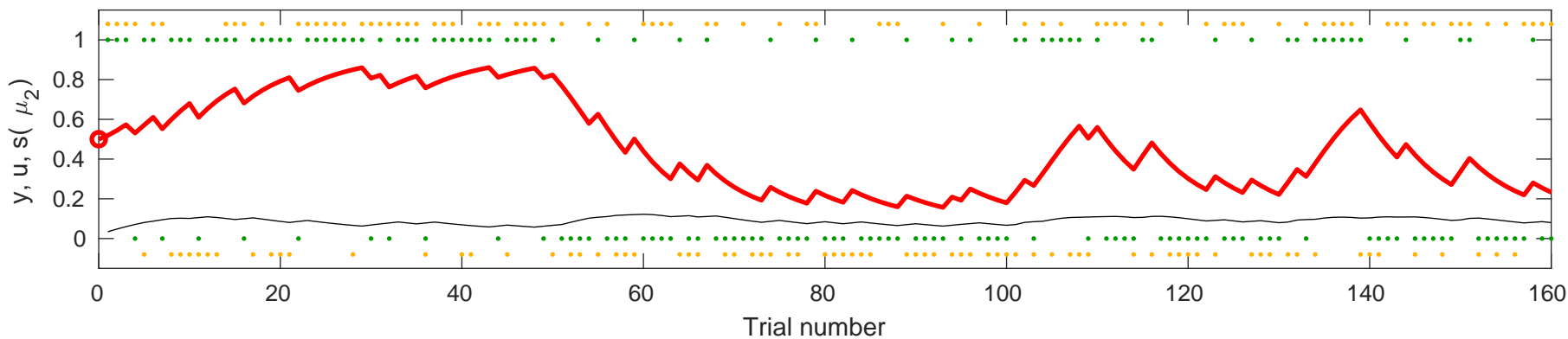


use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.095$



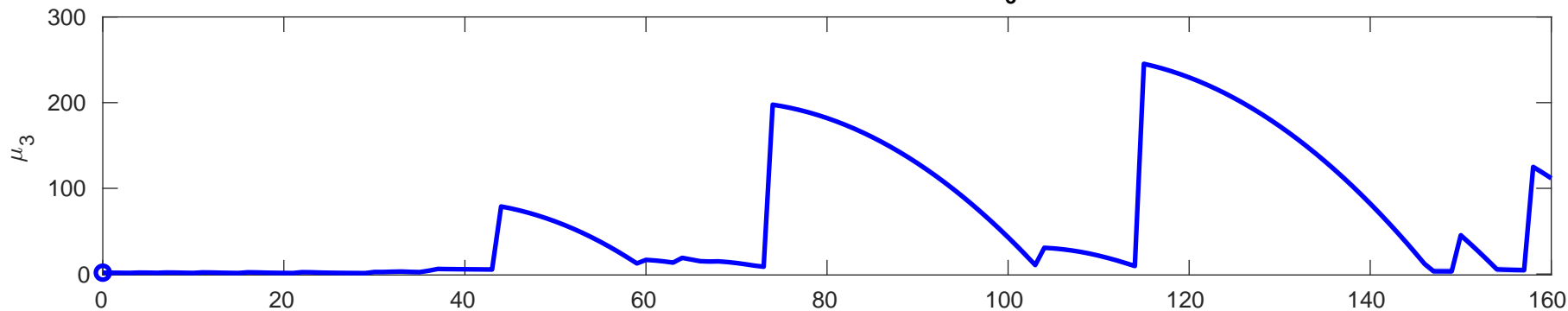


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.8384$

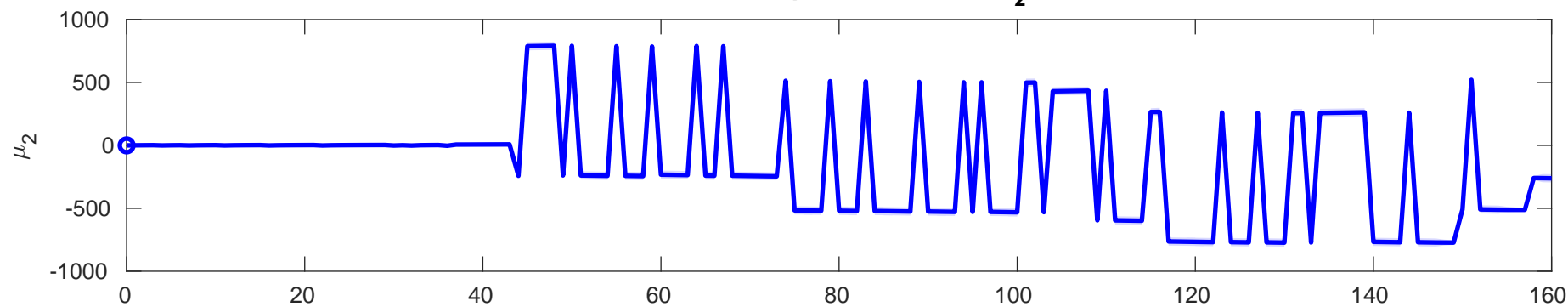
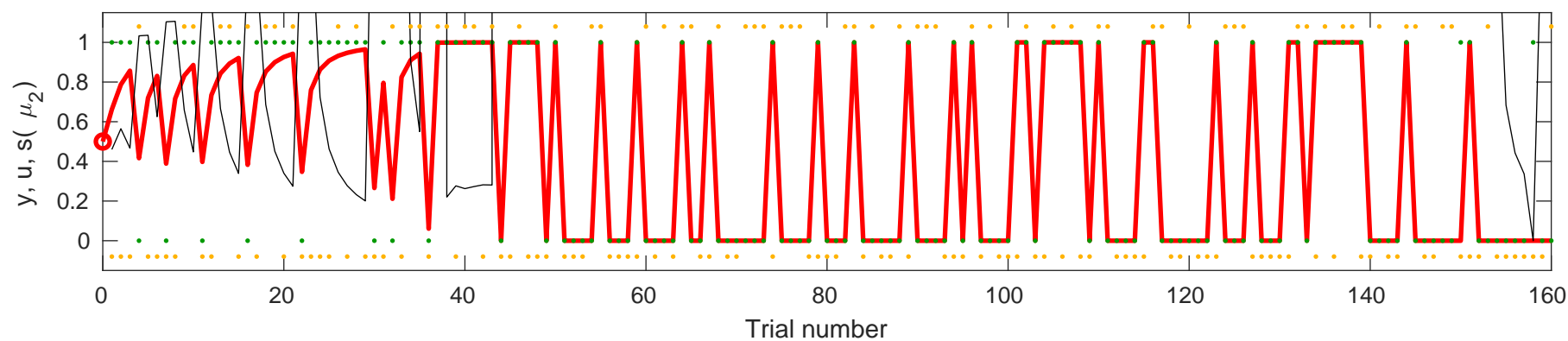


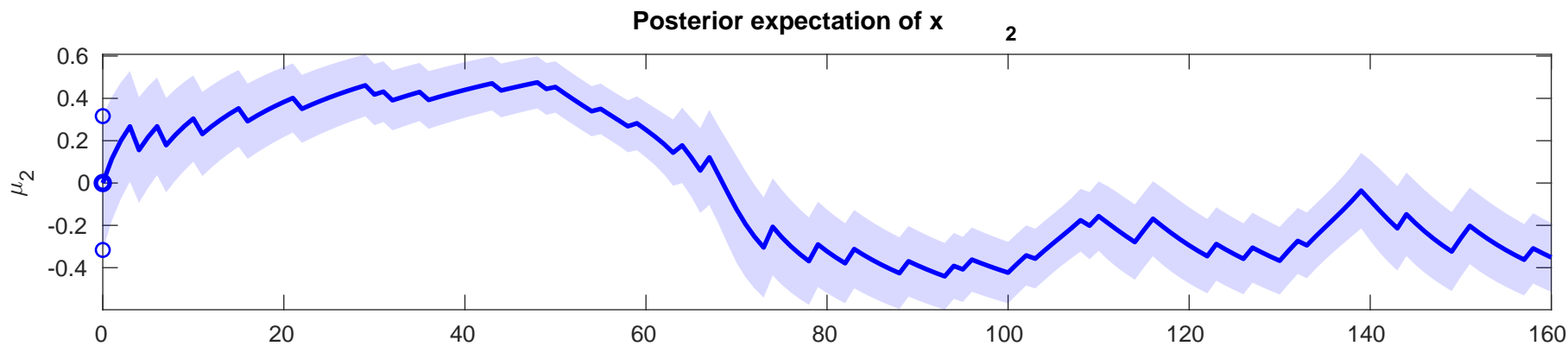
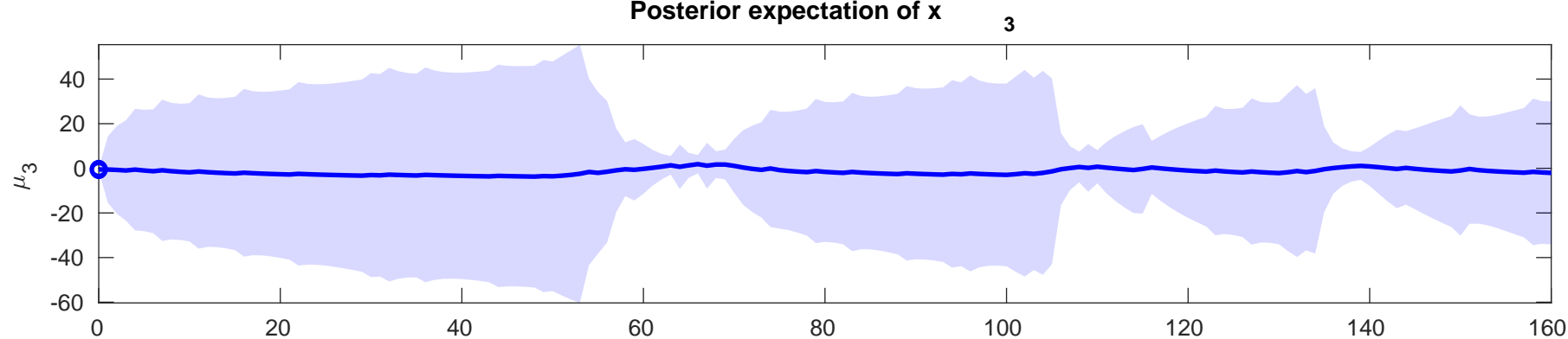
Posterior expectation of x

3

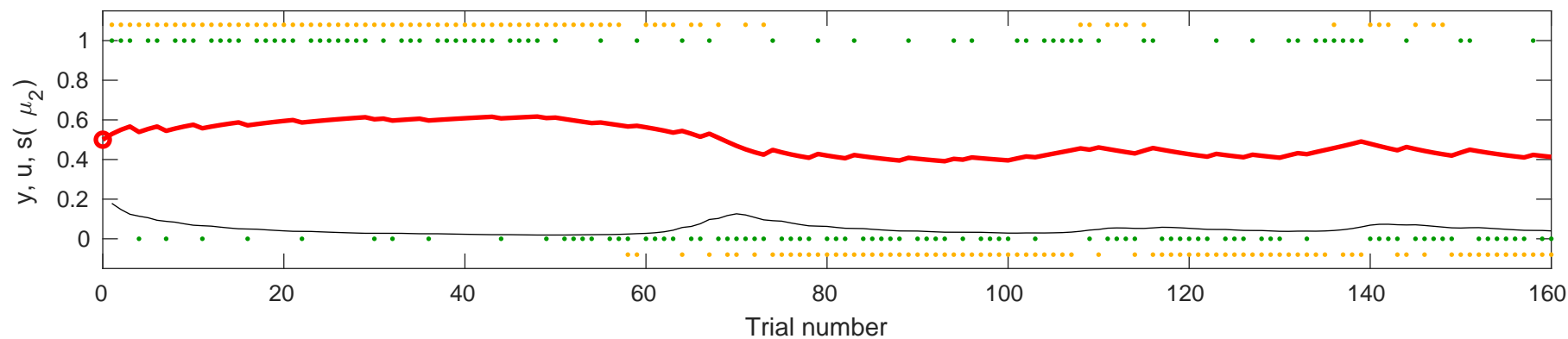
Posterior expectation of x

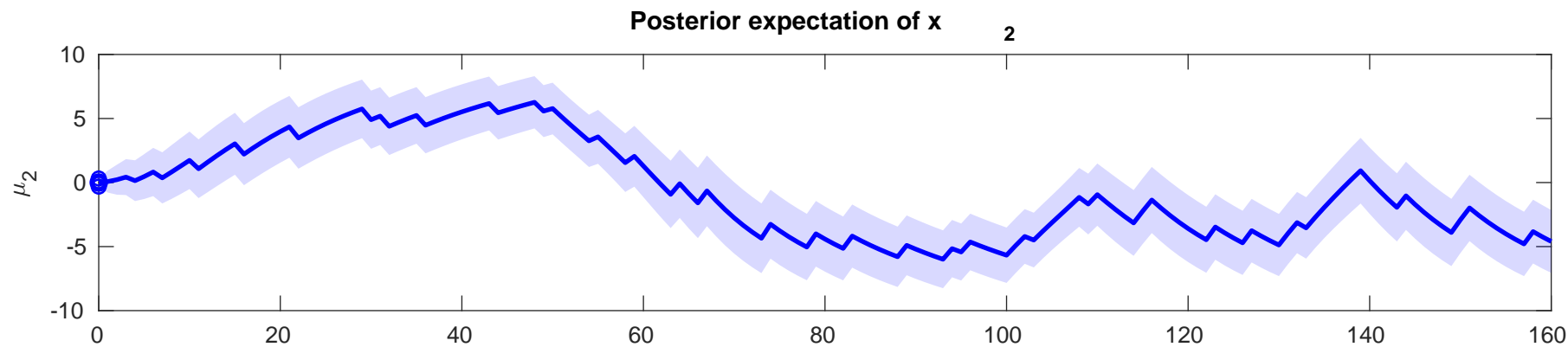
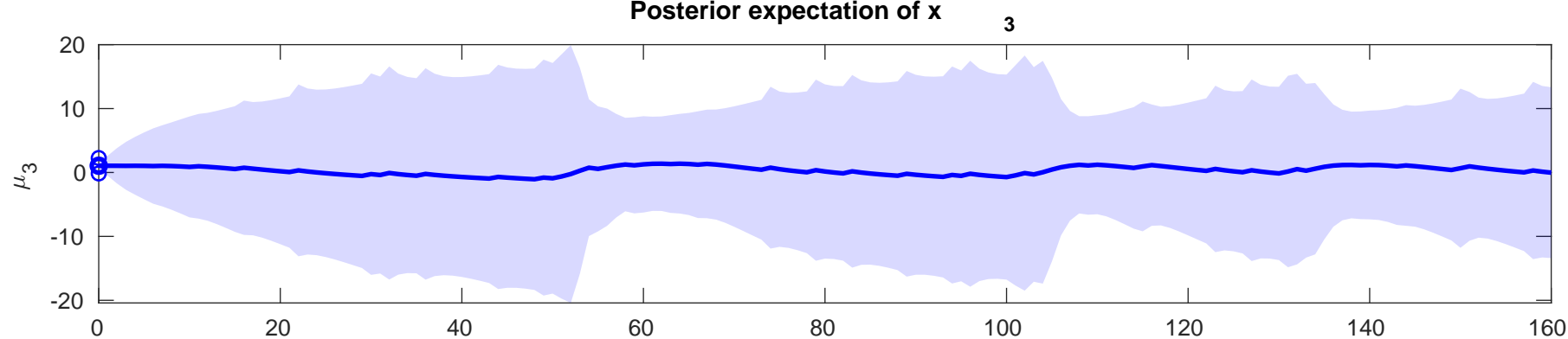
2

e y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-0.90283$ 

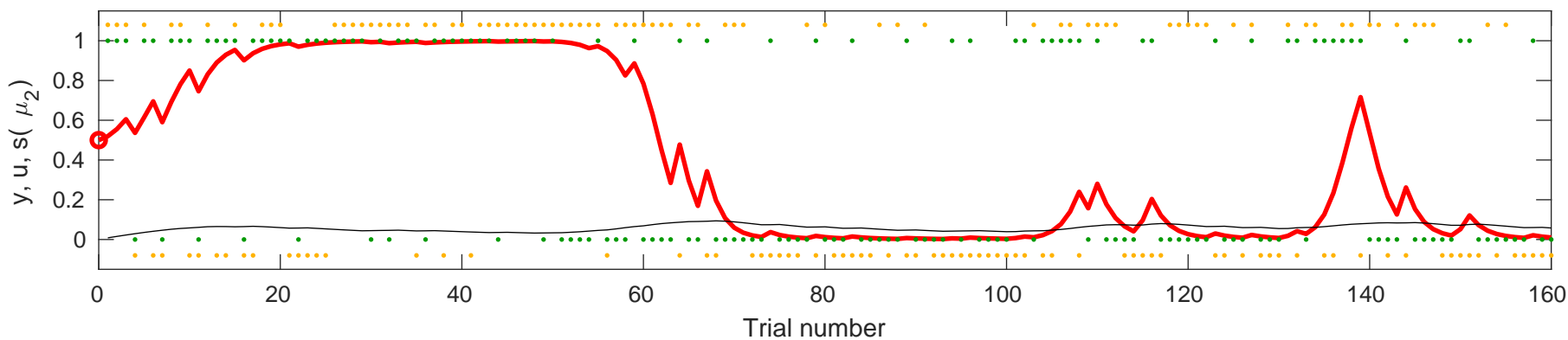


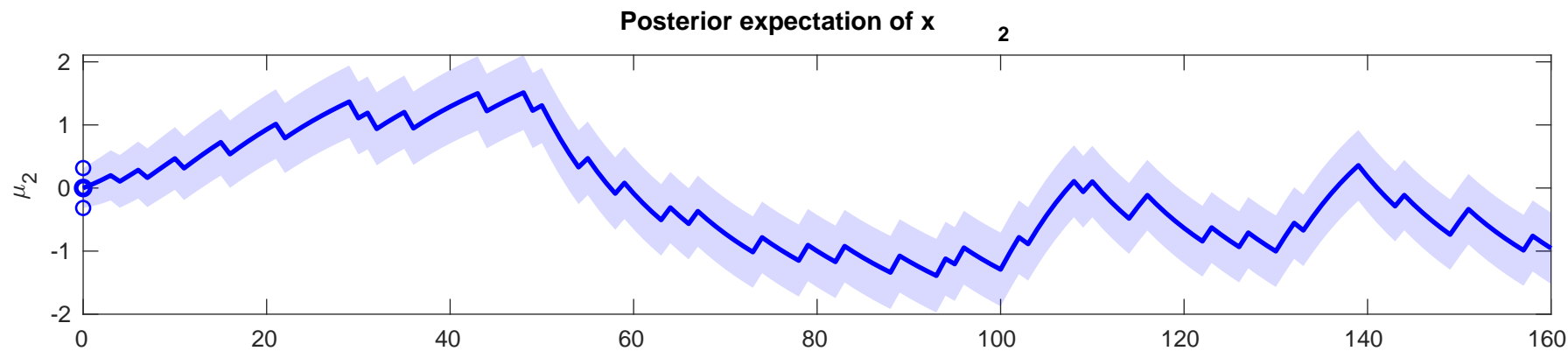
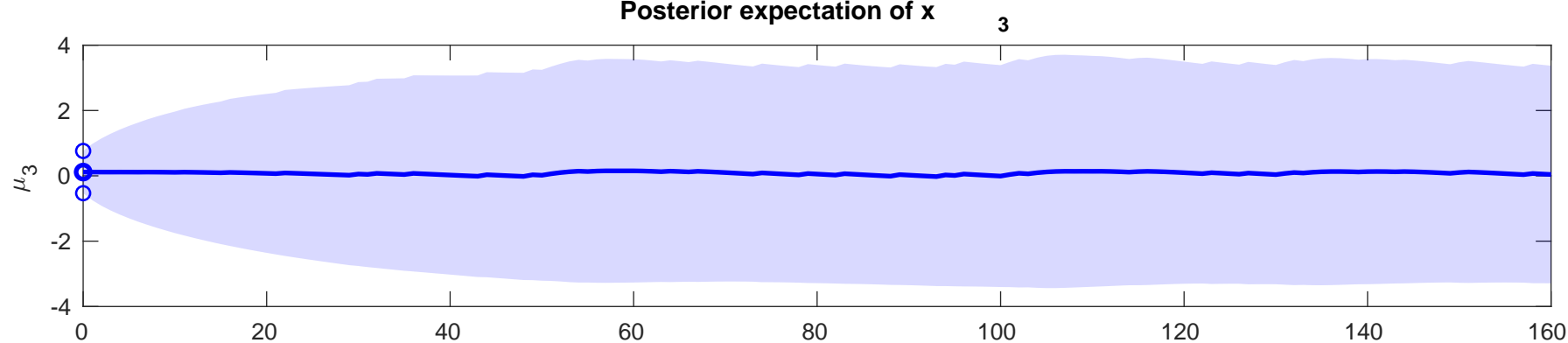
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-6.0427$



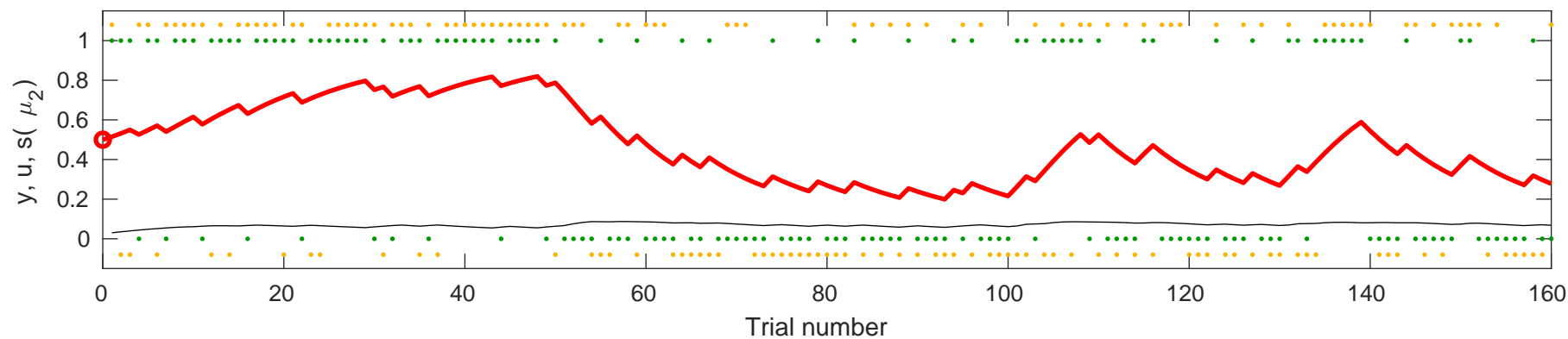


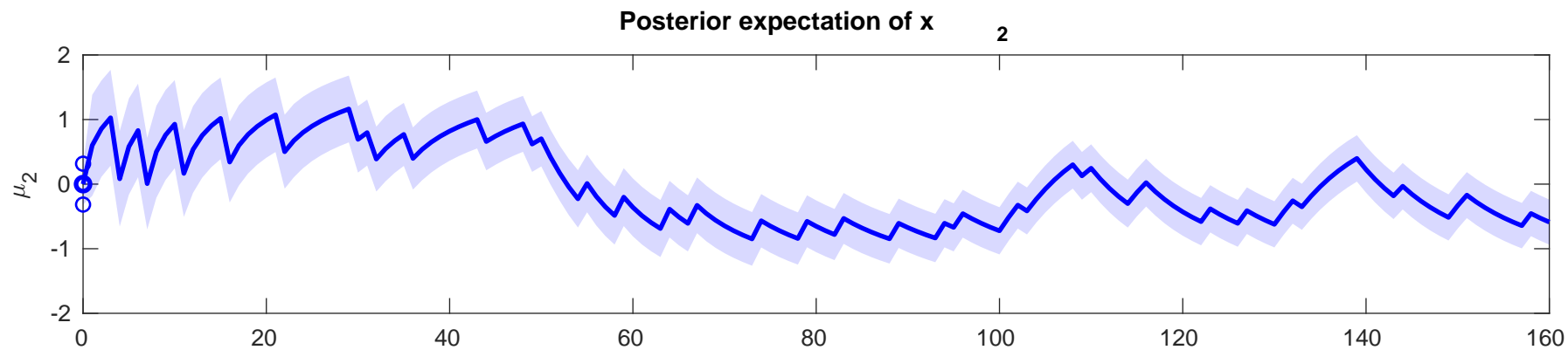
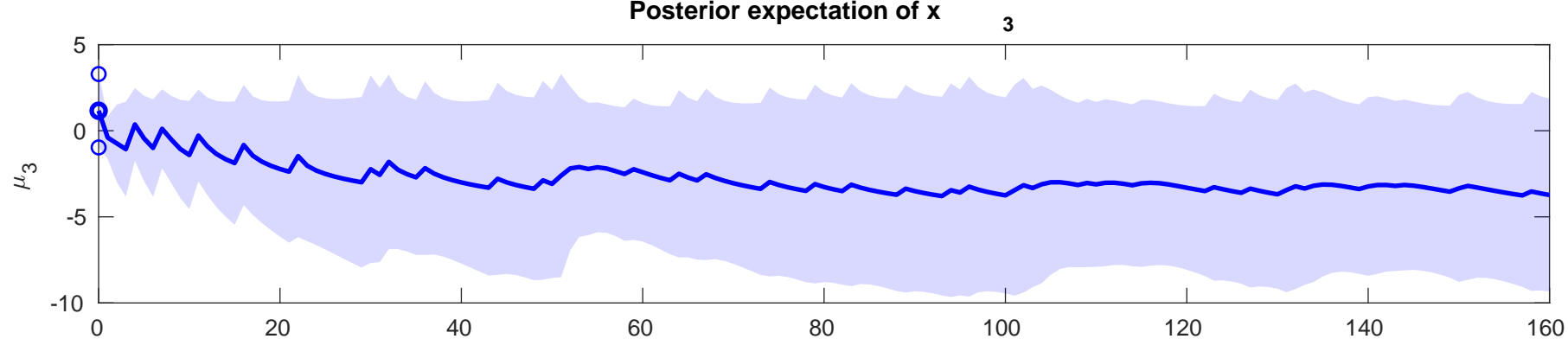
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.4859$



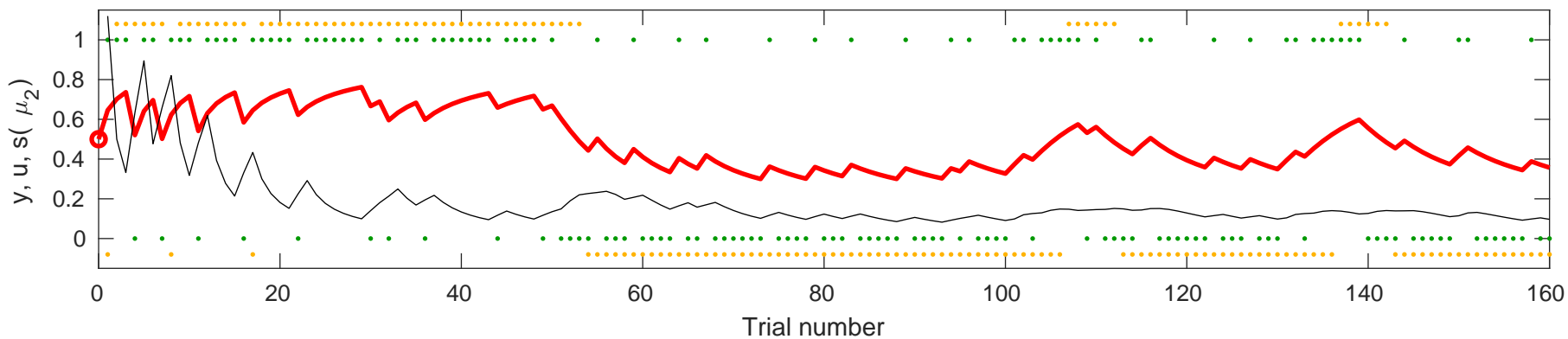


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.8278$



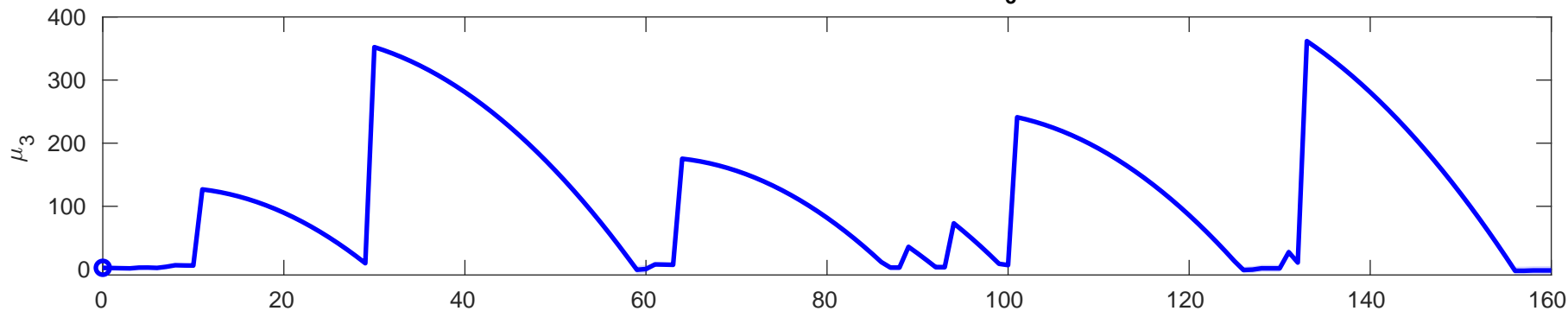


the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-0.83374$

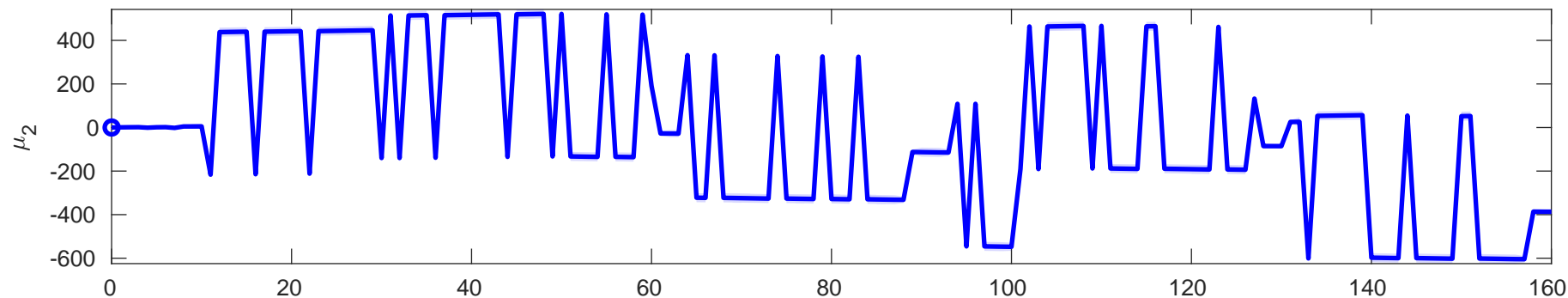


Posterior expectation of x

3

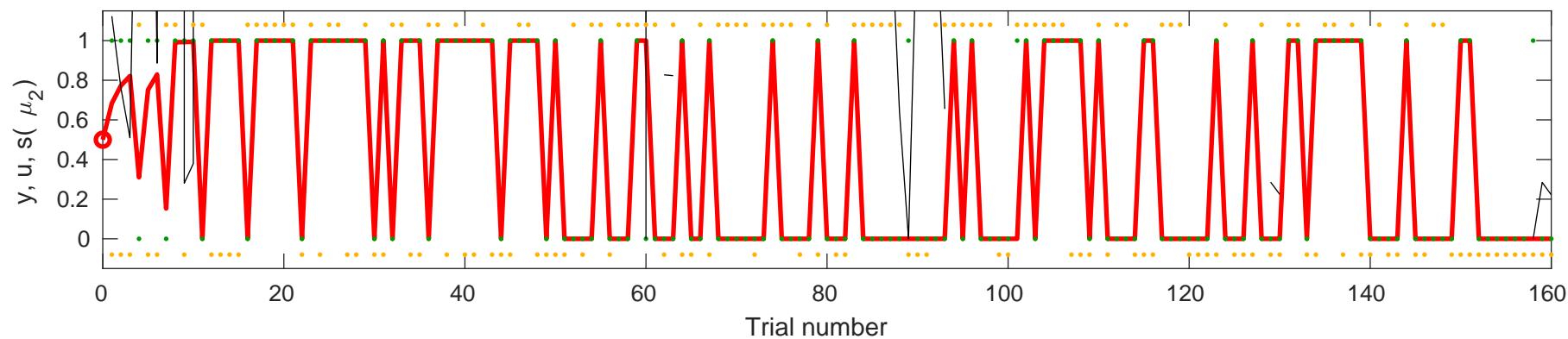
Posterior expectation of x

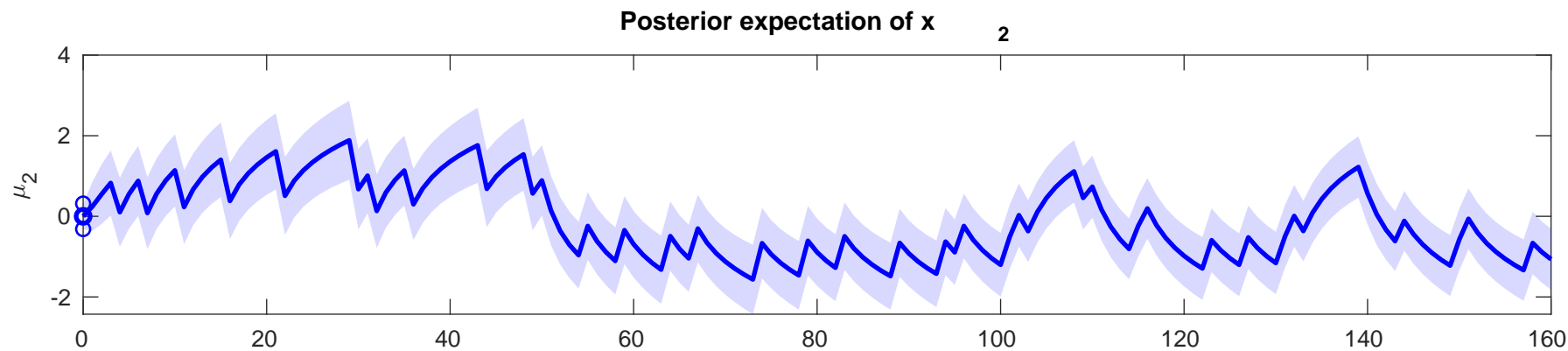
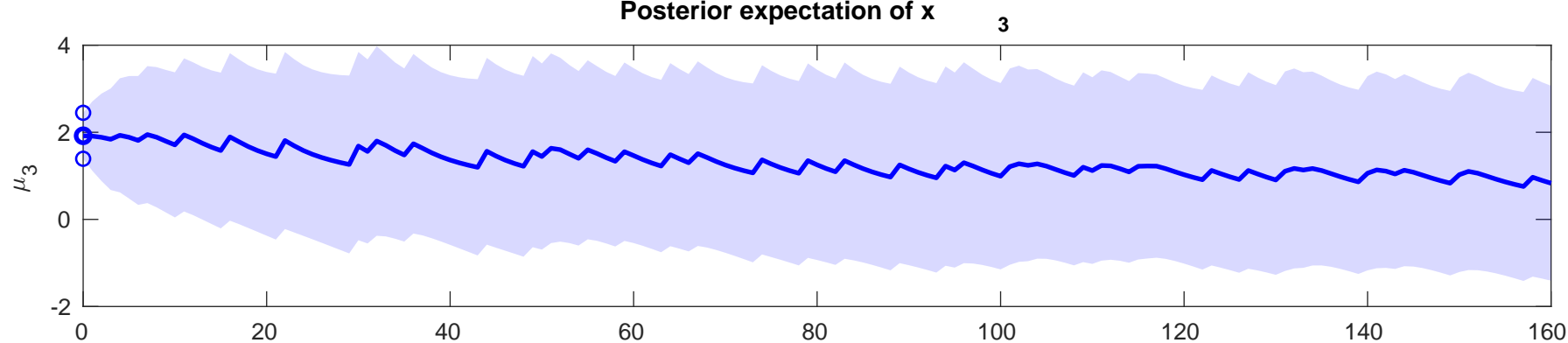
2



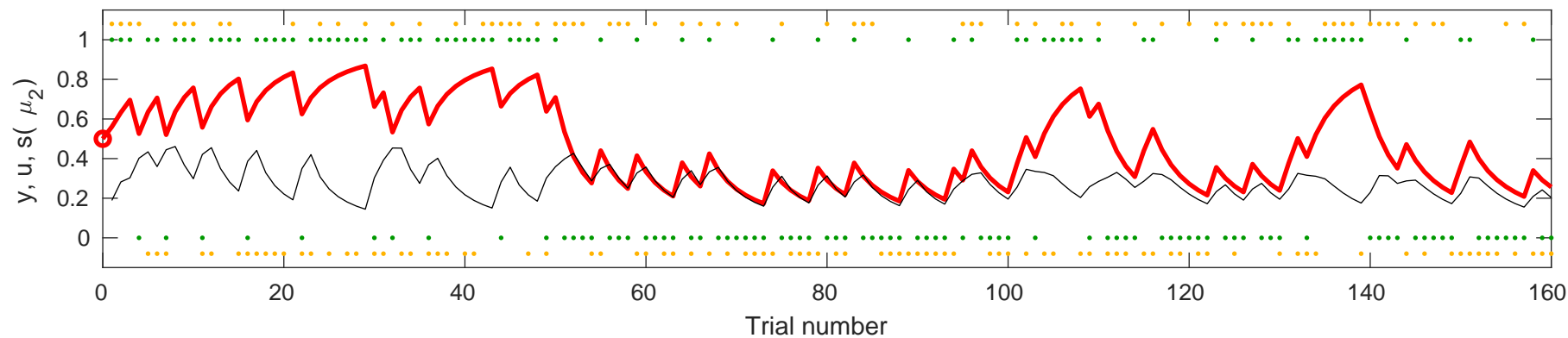
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (

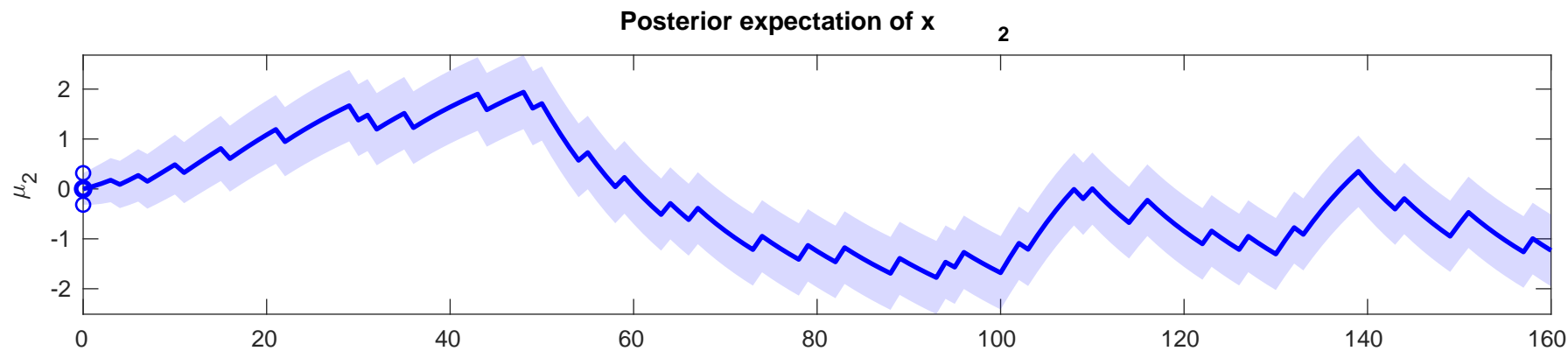
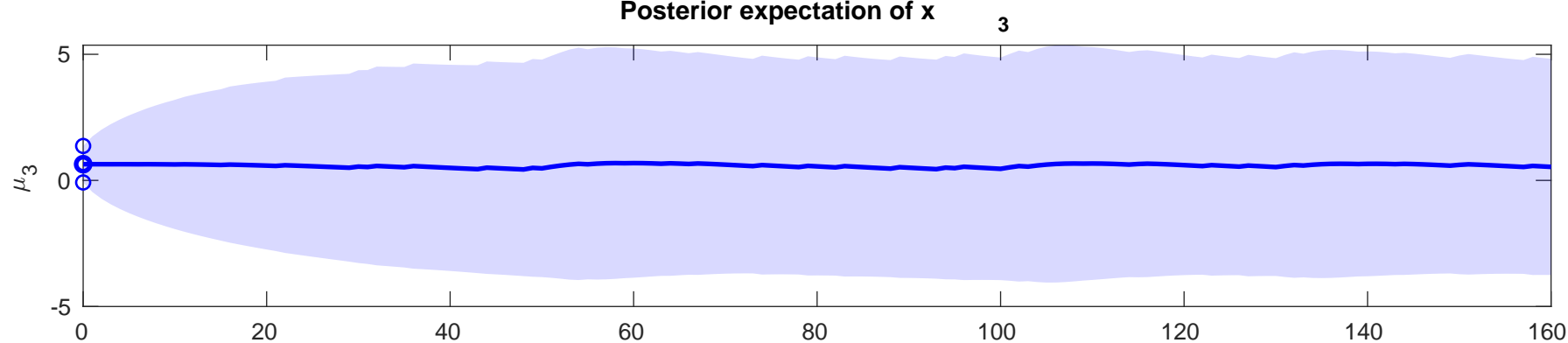
μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-1.7043$



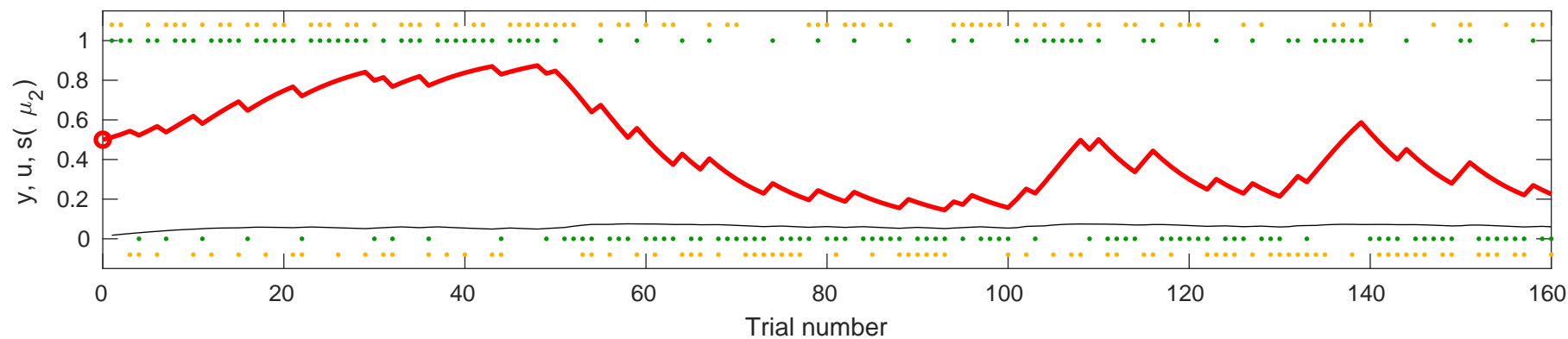


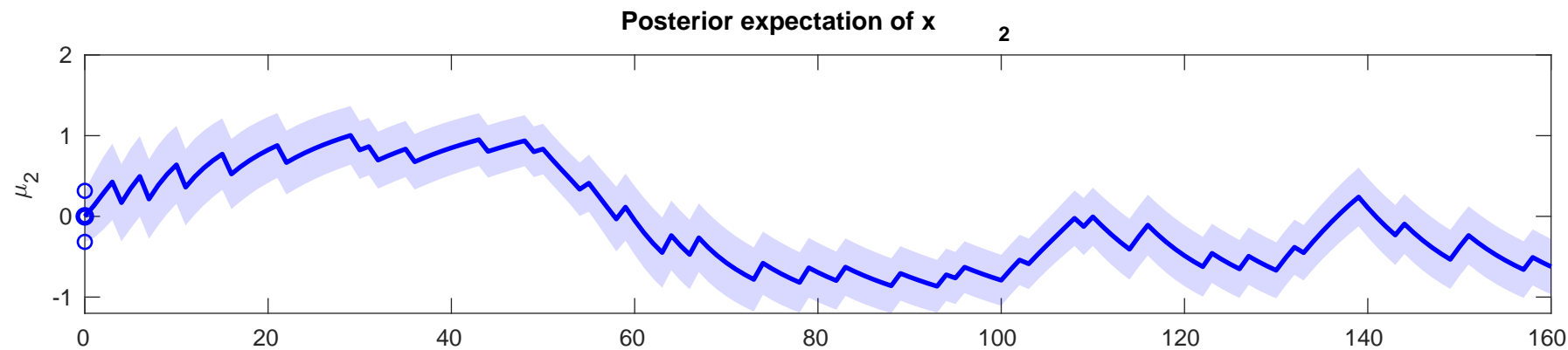
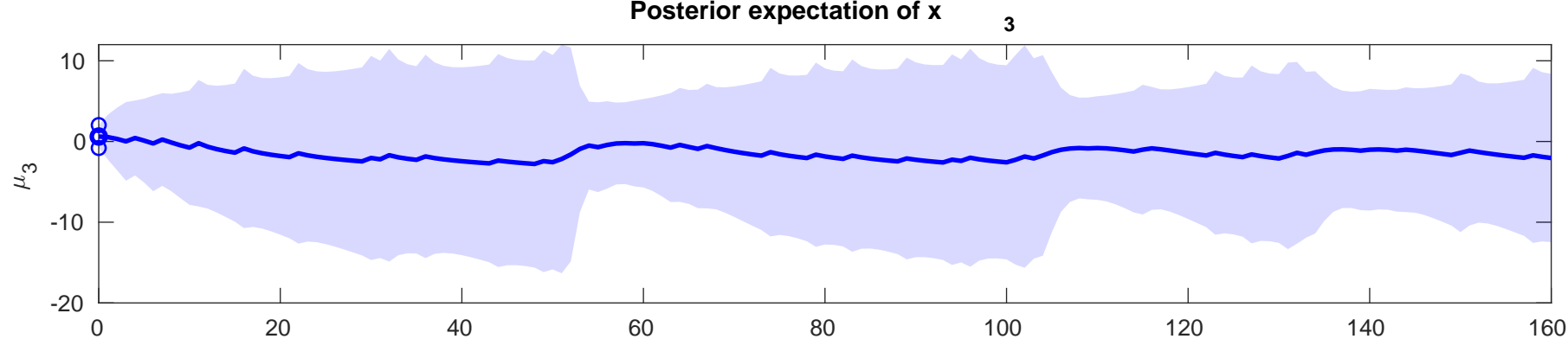
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input s (μ_2) (red) for $\rho=0$, $\kappa=1$, $\omega=-2.9981$



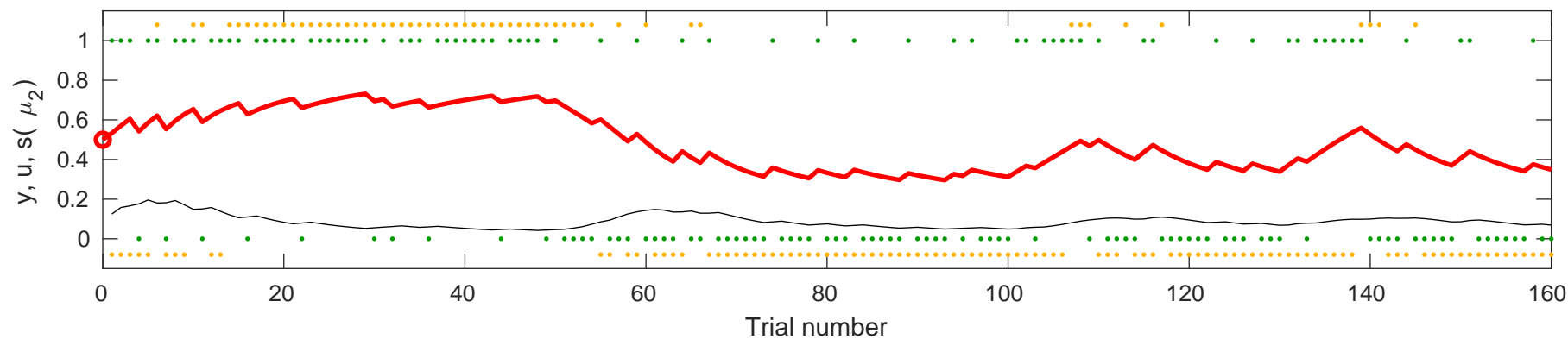


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-3.9775$



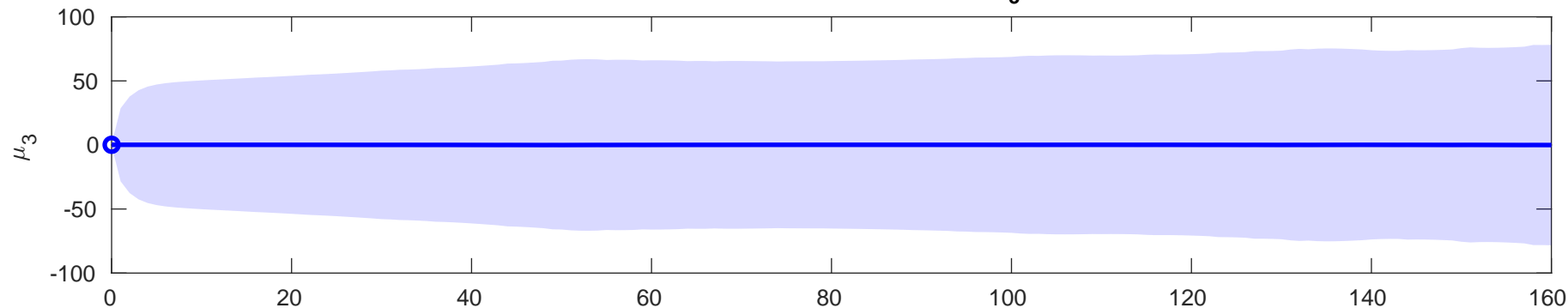


se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.1346$

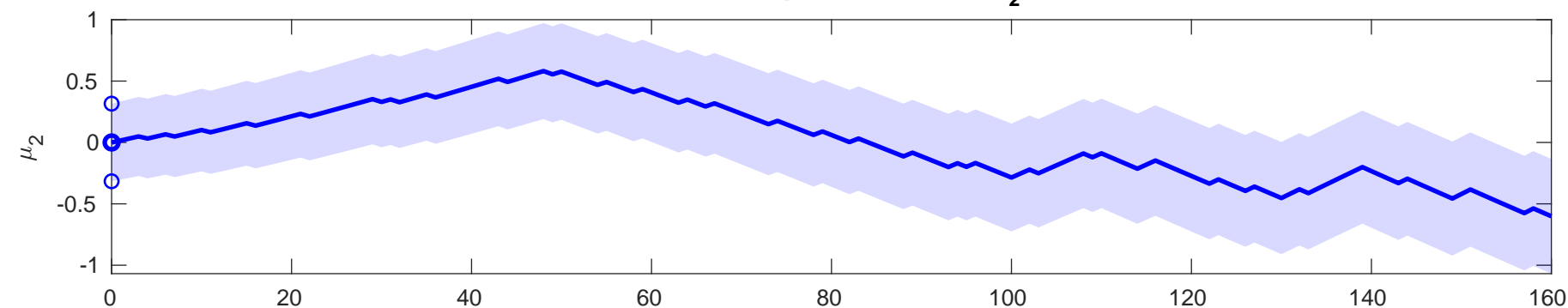


Posterior expectation of x

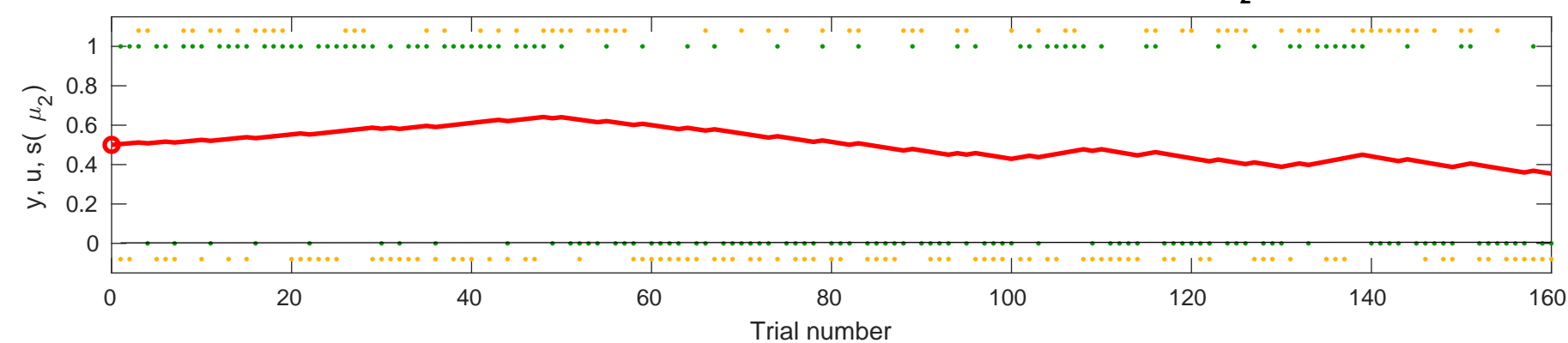
3

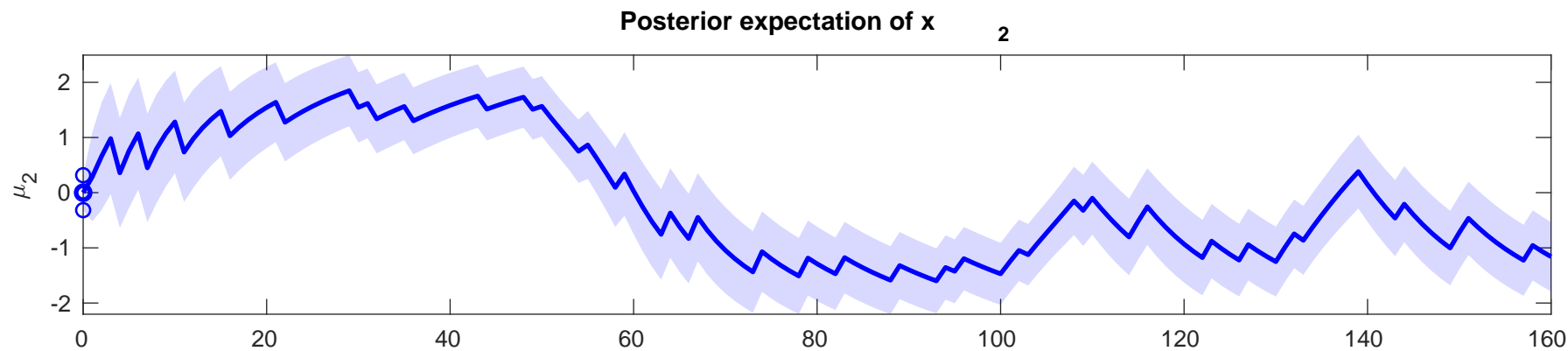
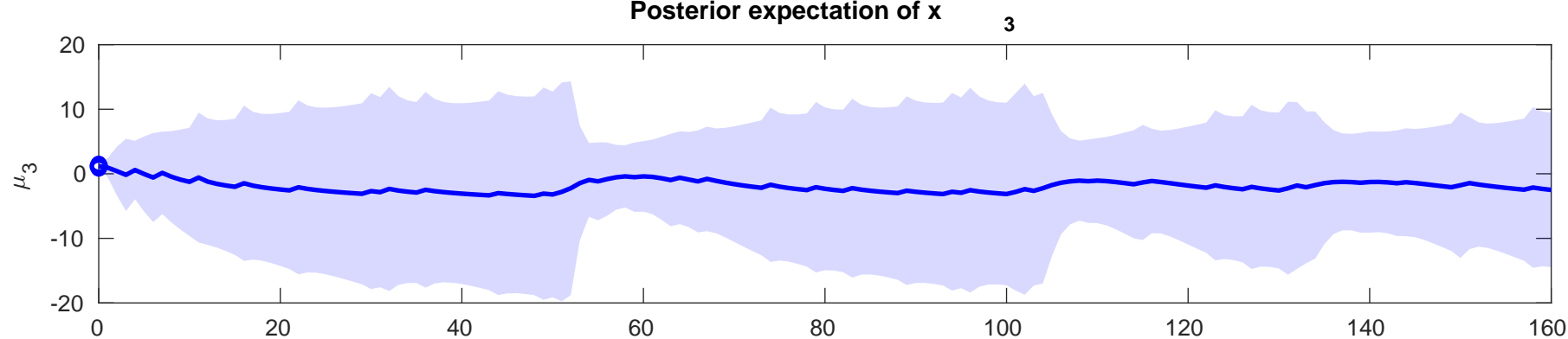
Posterior expectation of x

2

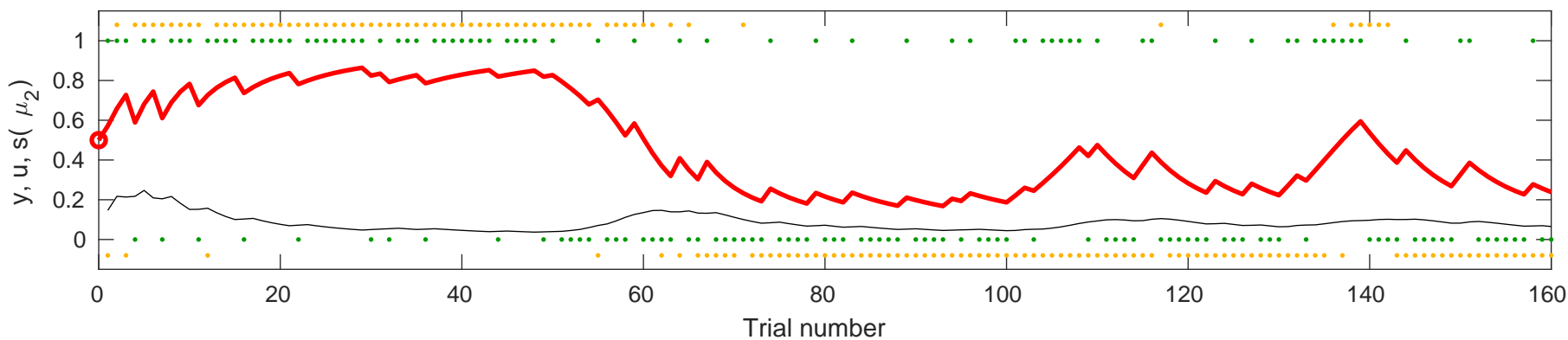


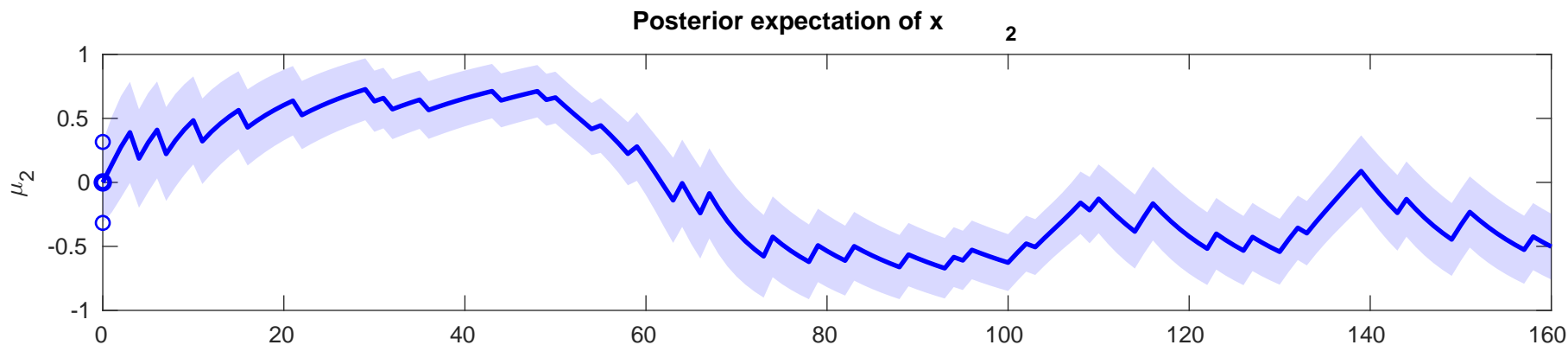
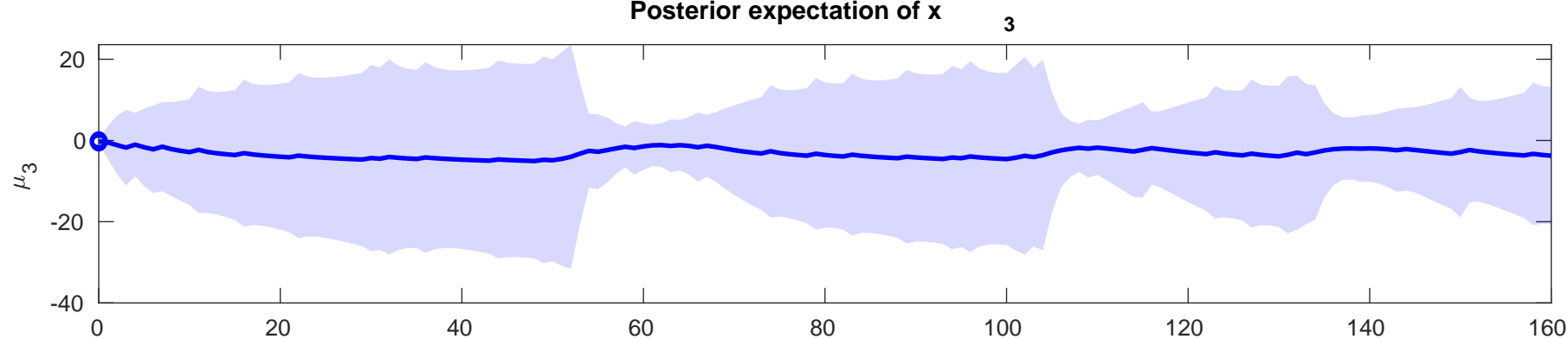
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-6.5447$



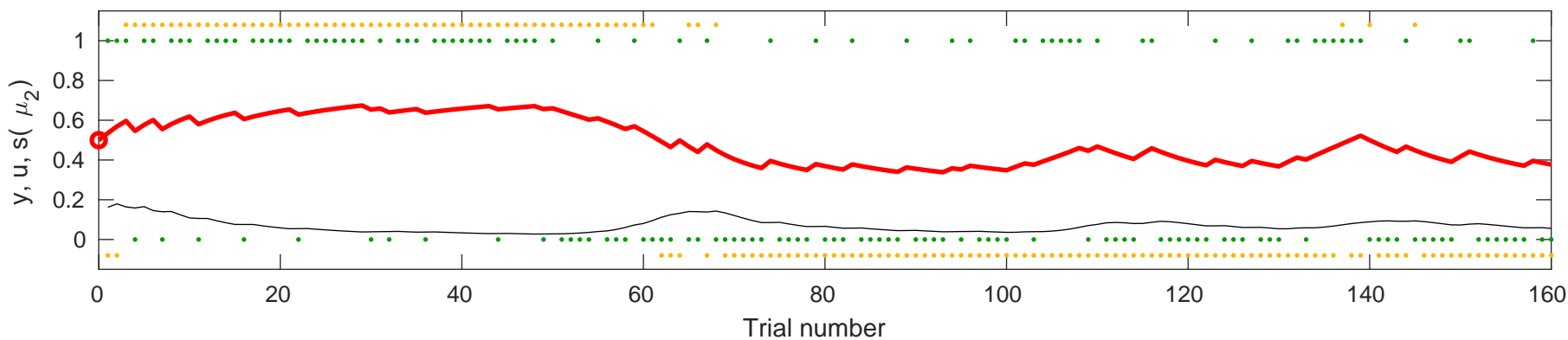


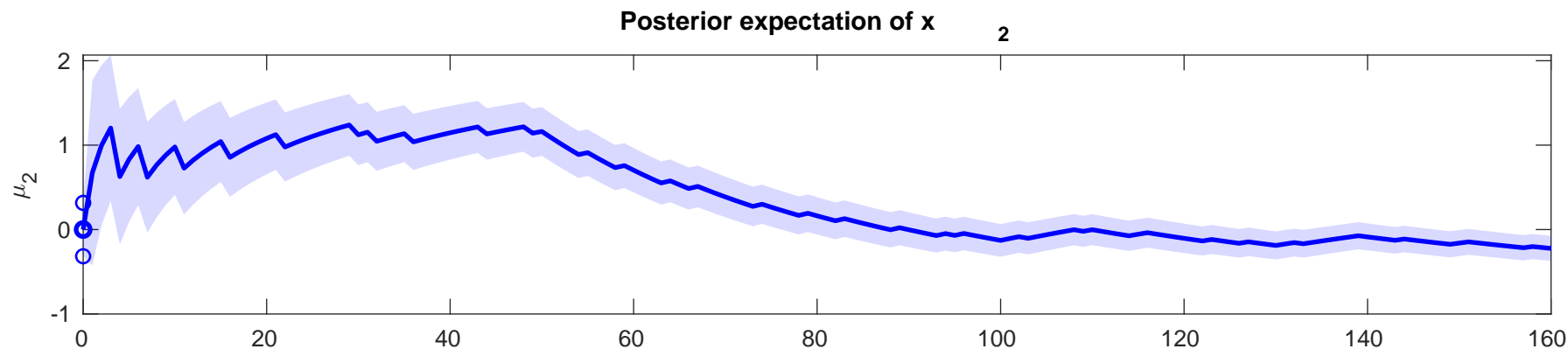
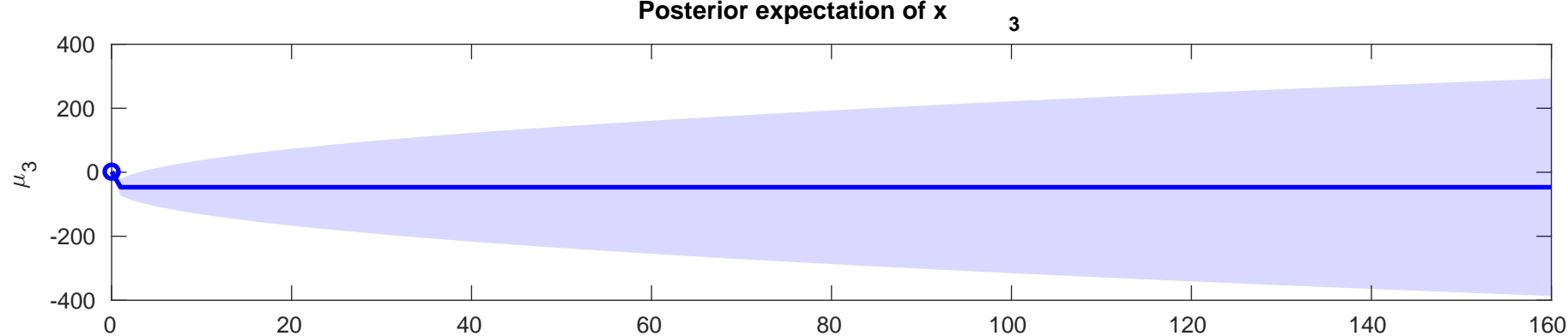
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-1.6168$



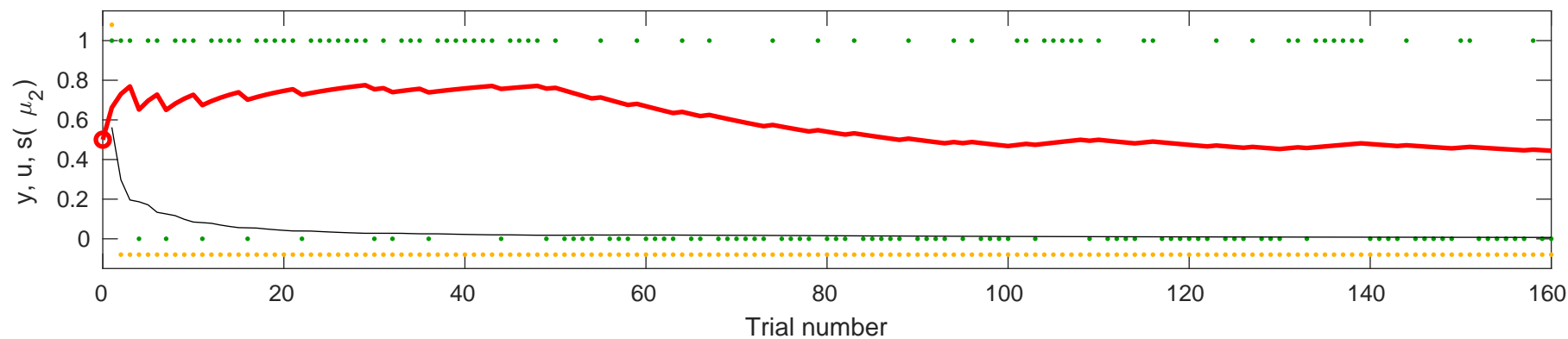


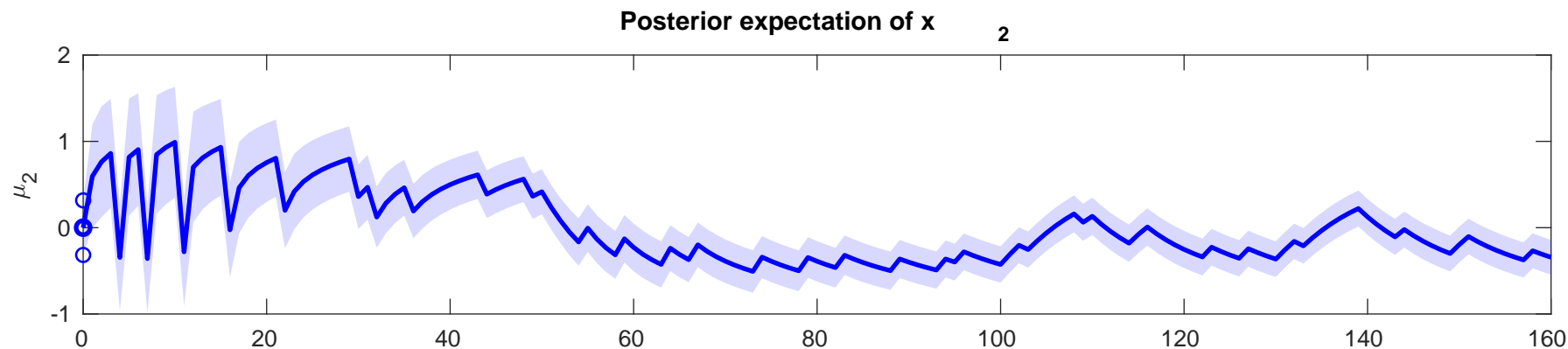
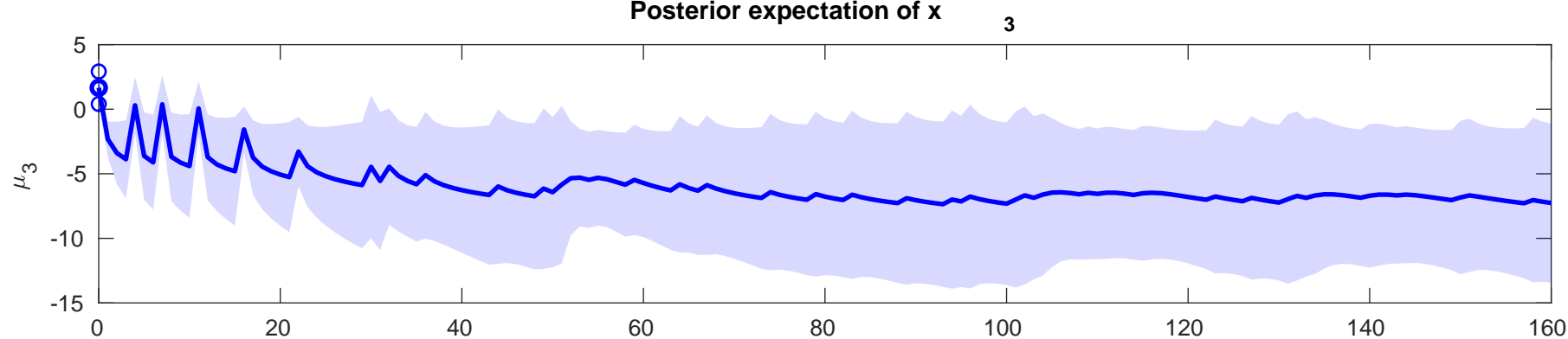
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.5556$



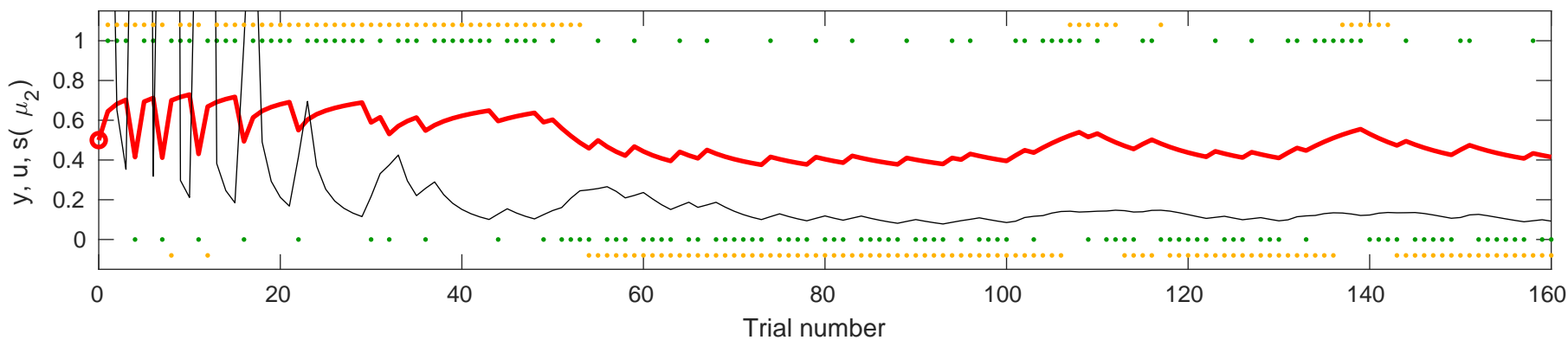


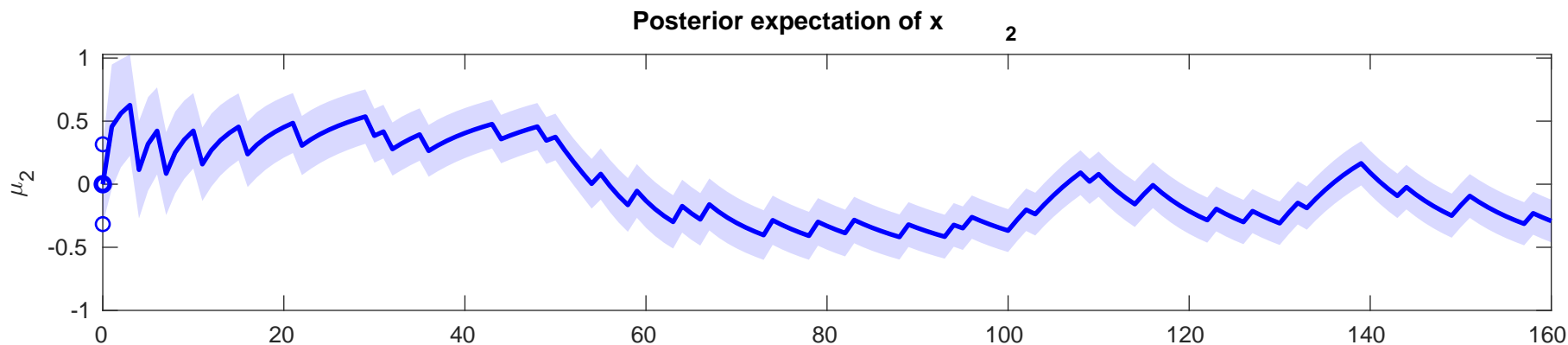
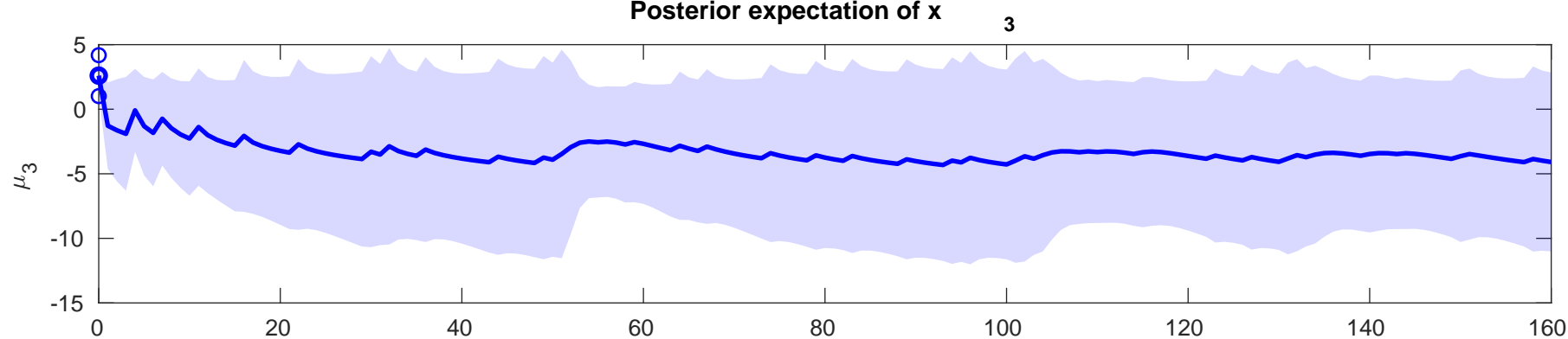
Plot showing the posterior expectation of x_2 (Y-axis, μ_2) versus Trial number (X-axis, 0 to 160). The expectation starts near 0, peaks around trial 5, and then gradually decreases towards 0. The uncertainty (shaded region) is wider initially and narrows over time.



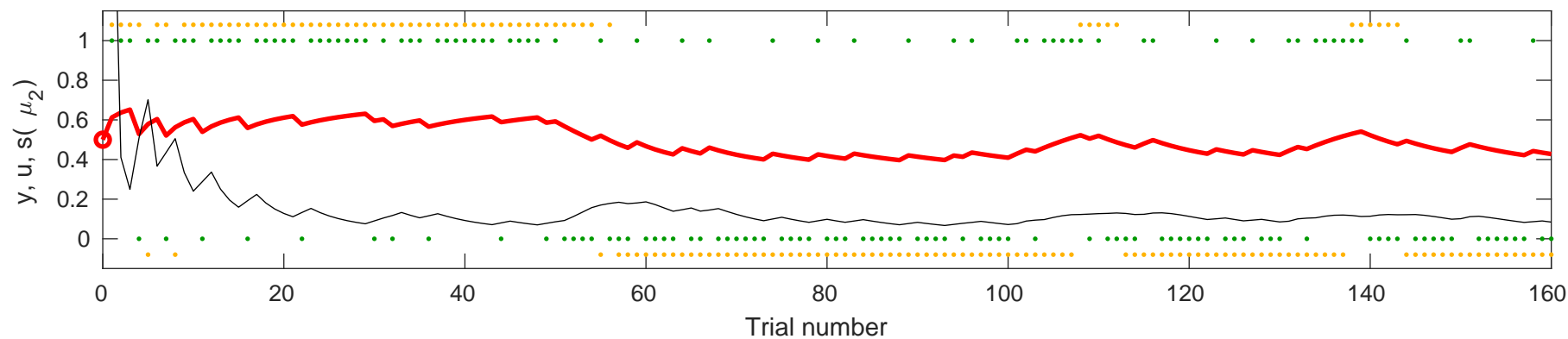


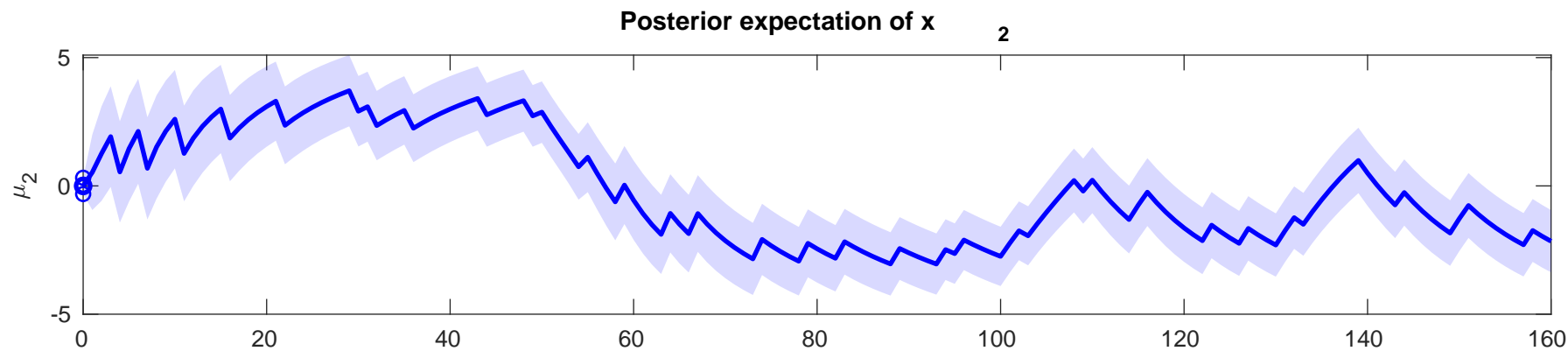
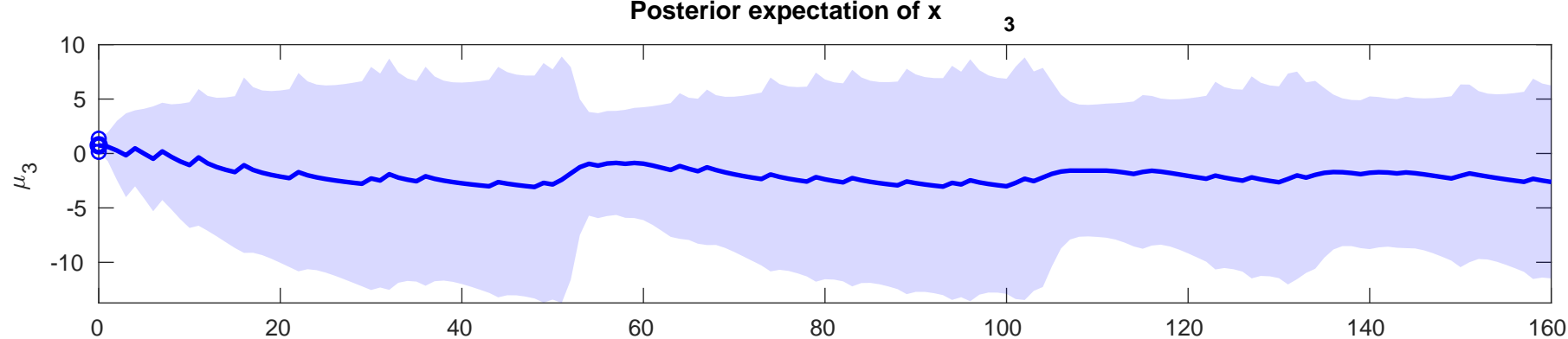
output y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=1.522$



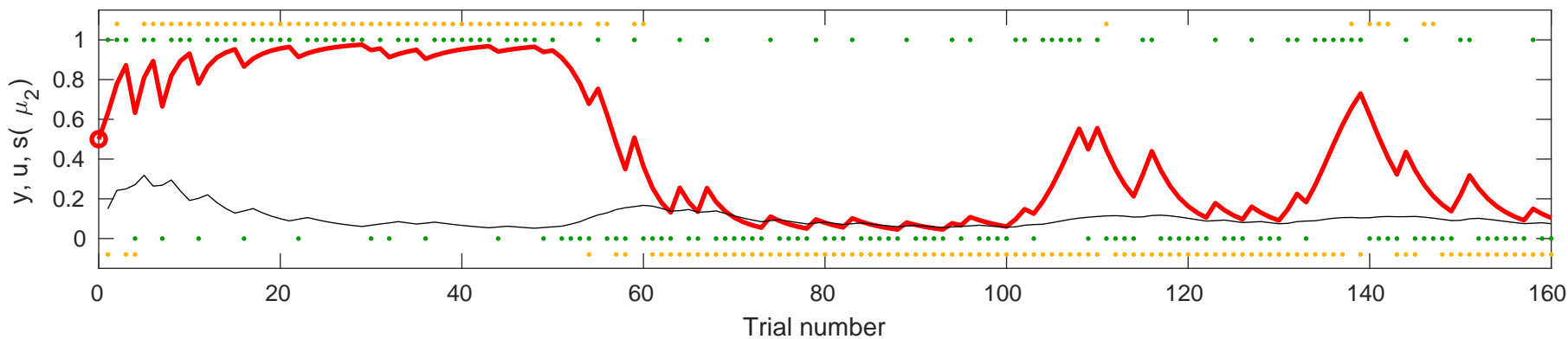


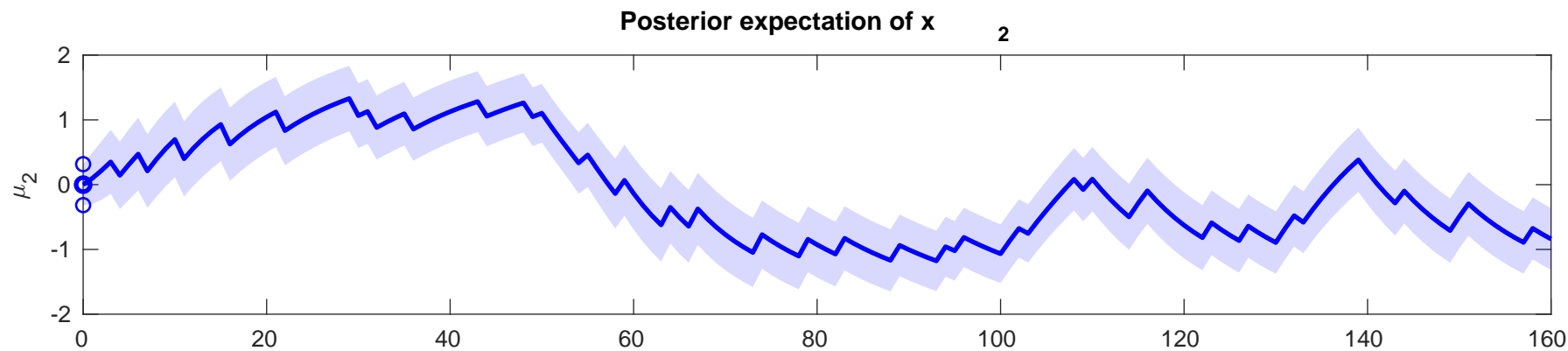
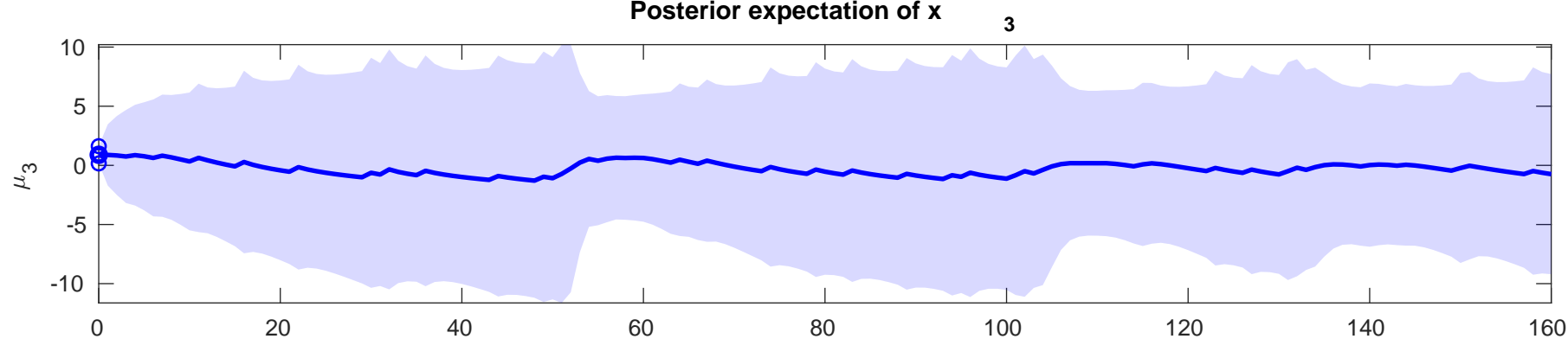
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-2.1253$



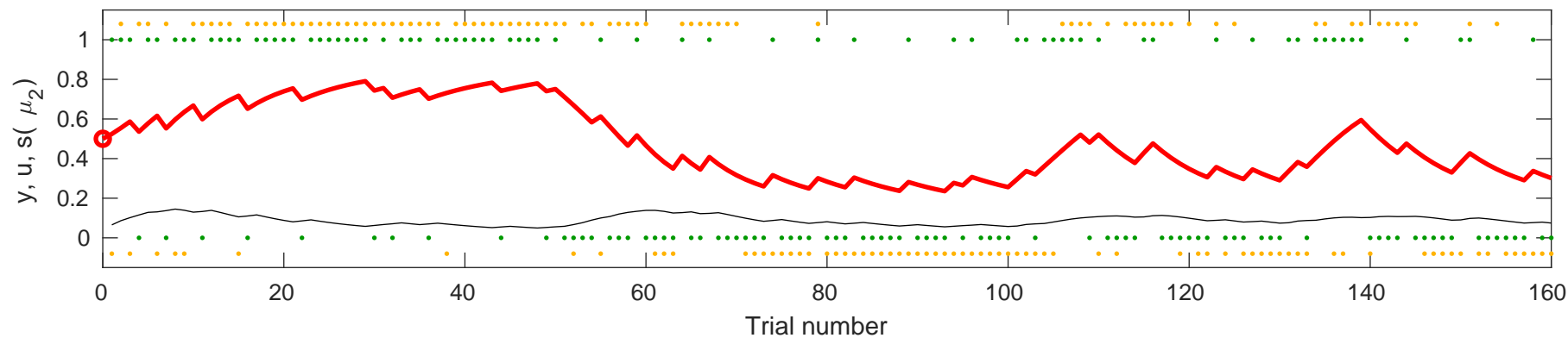


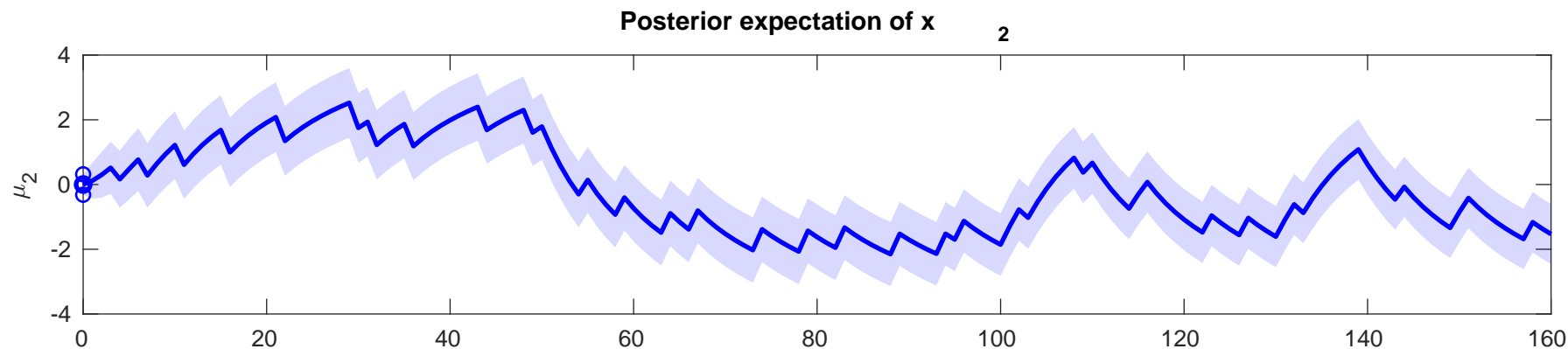
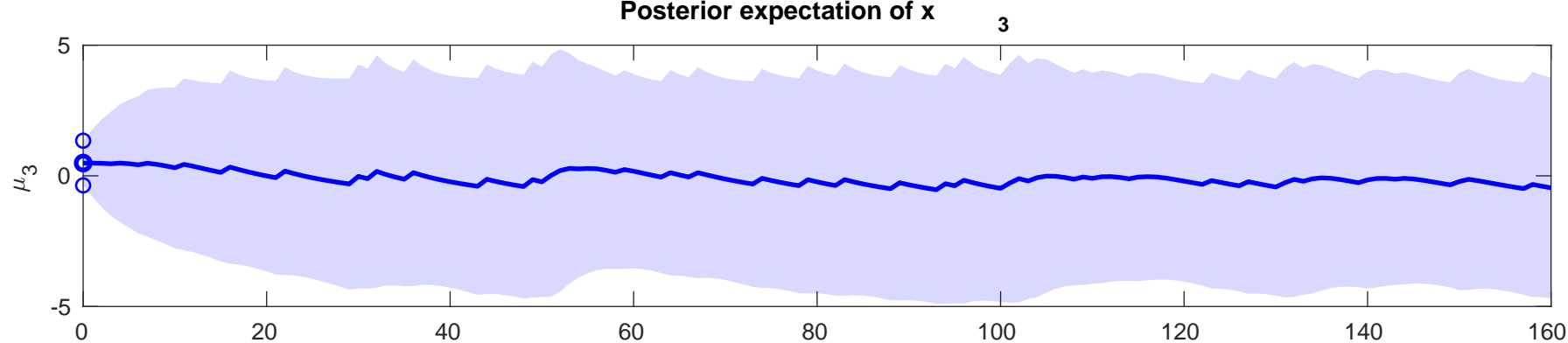
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=0.1209$



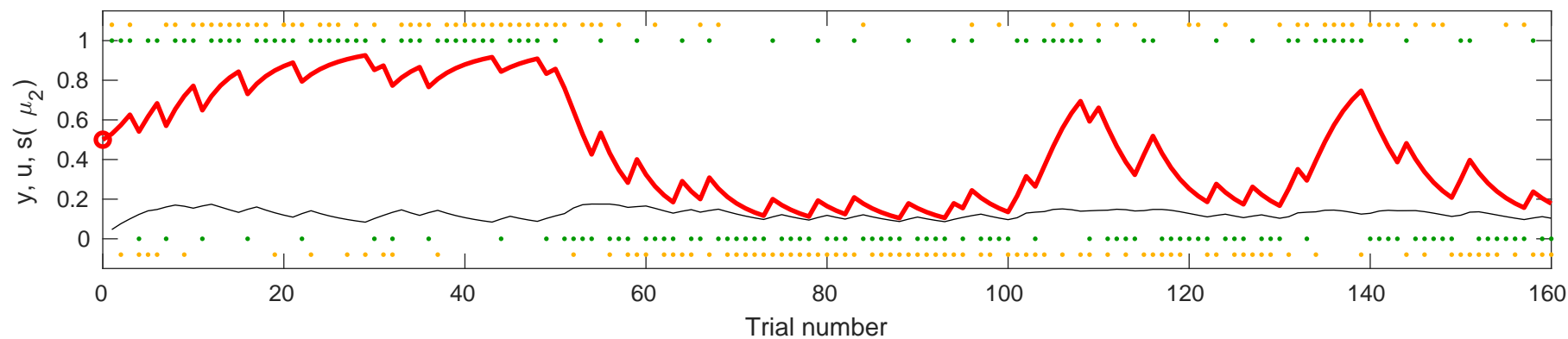


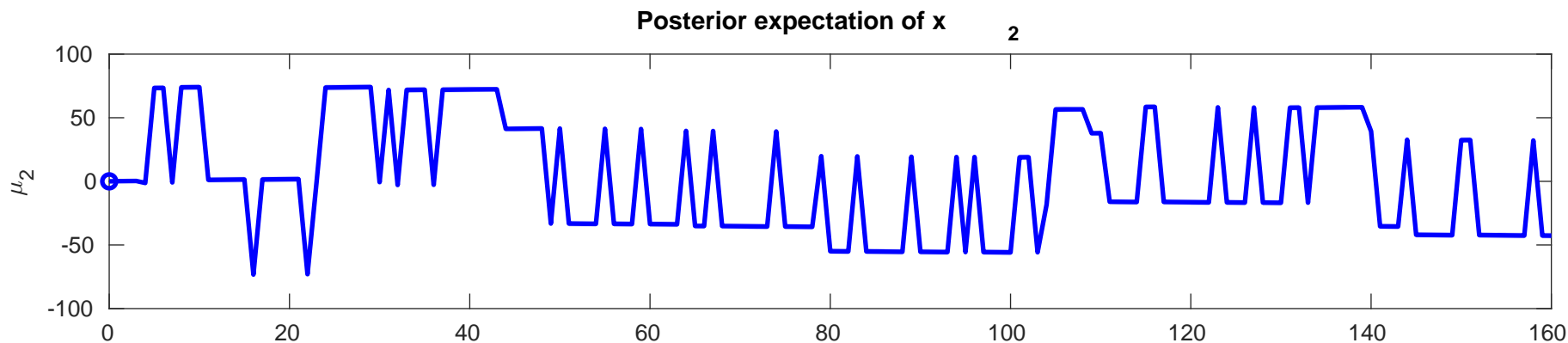
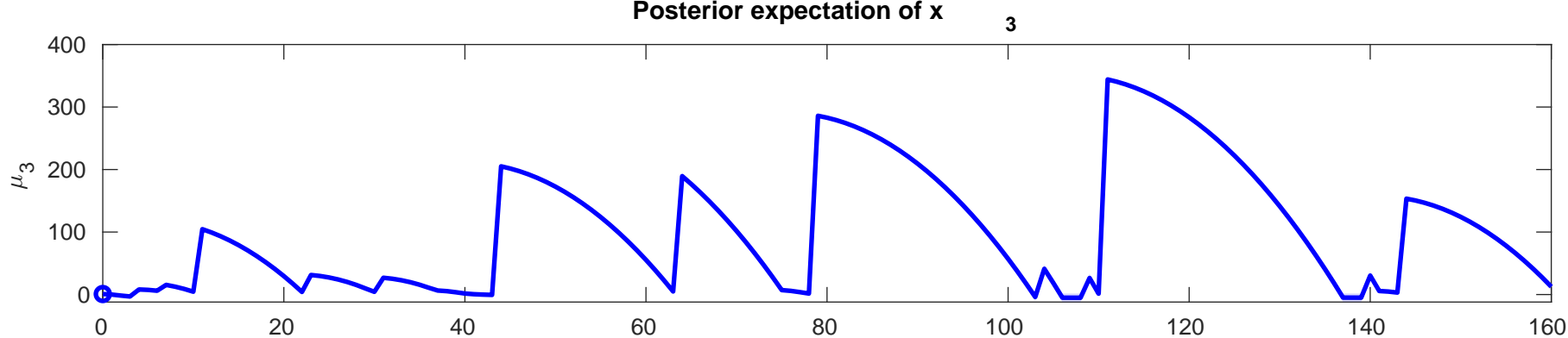
use y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-3.595$



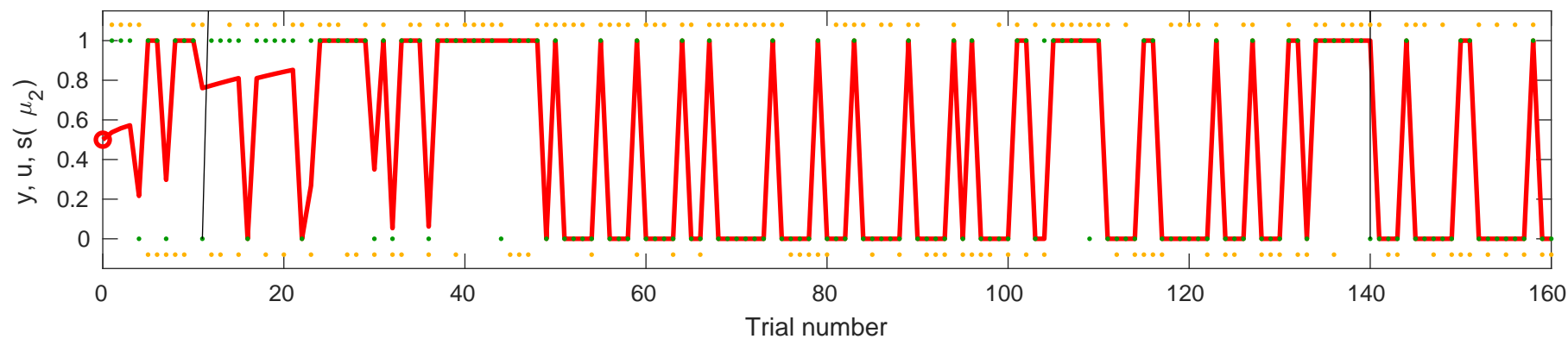


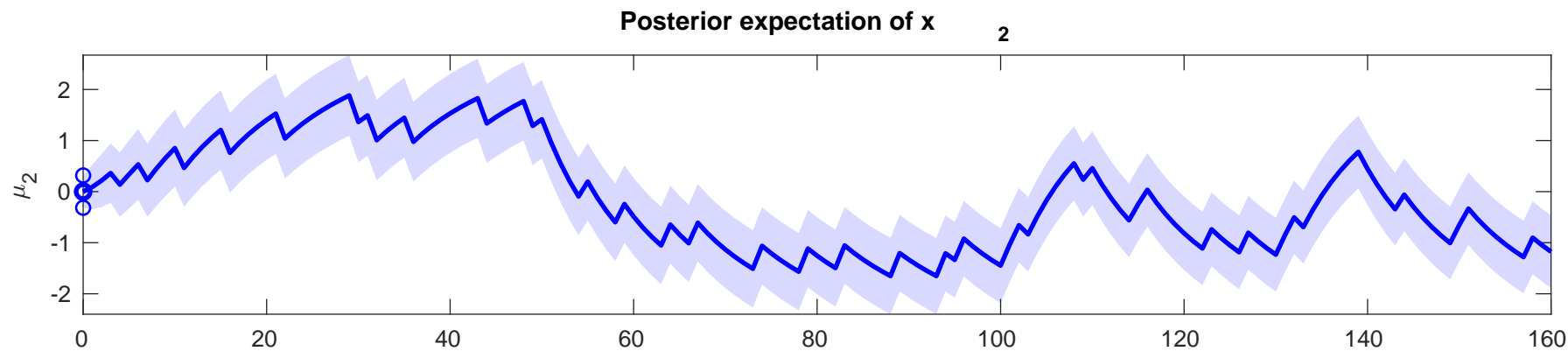
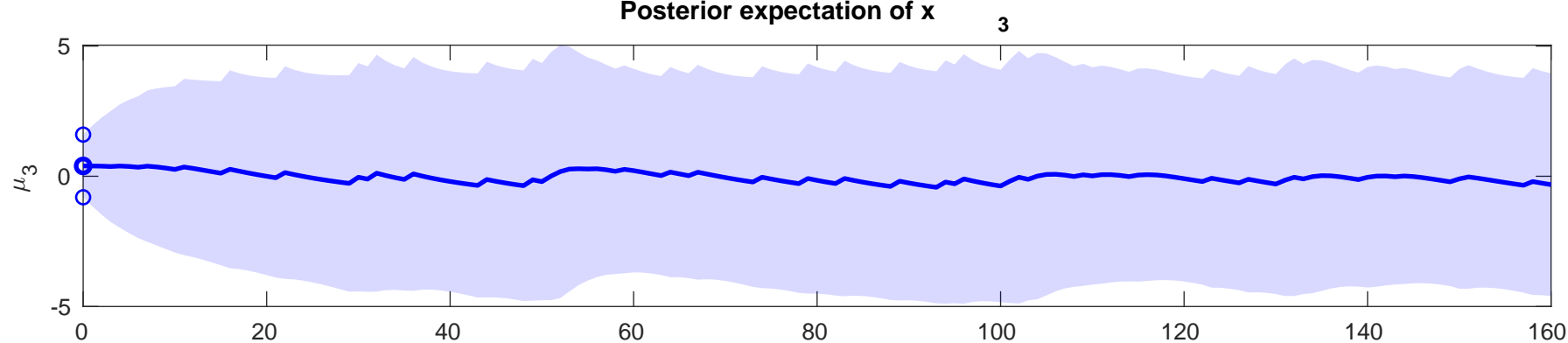
se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-1.9879$



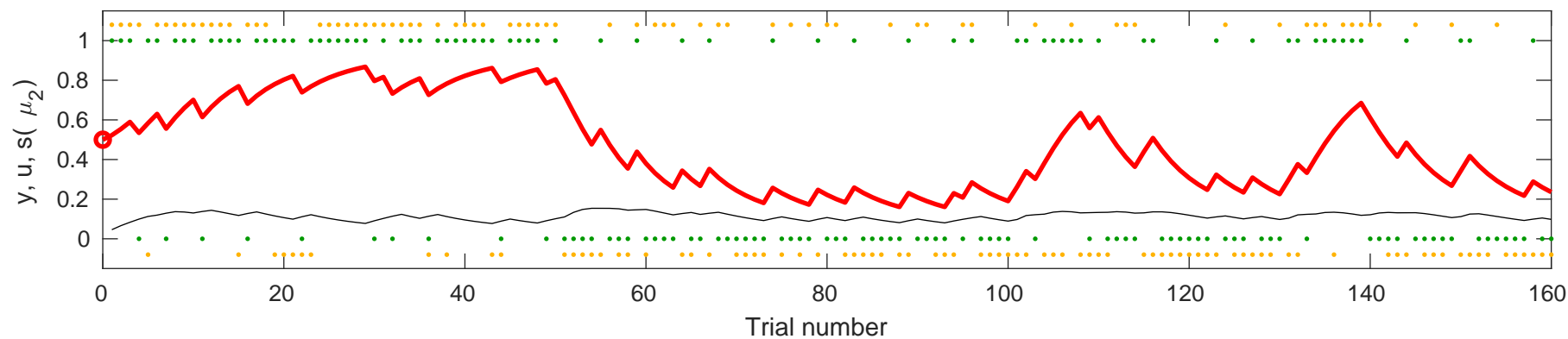


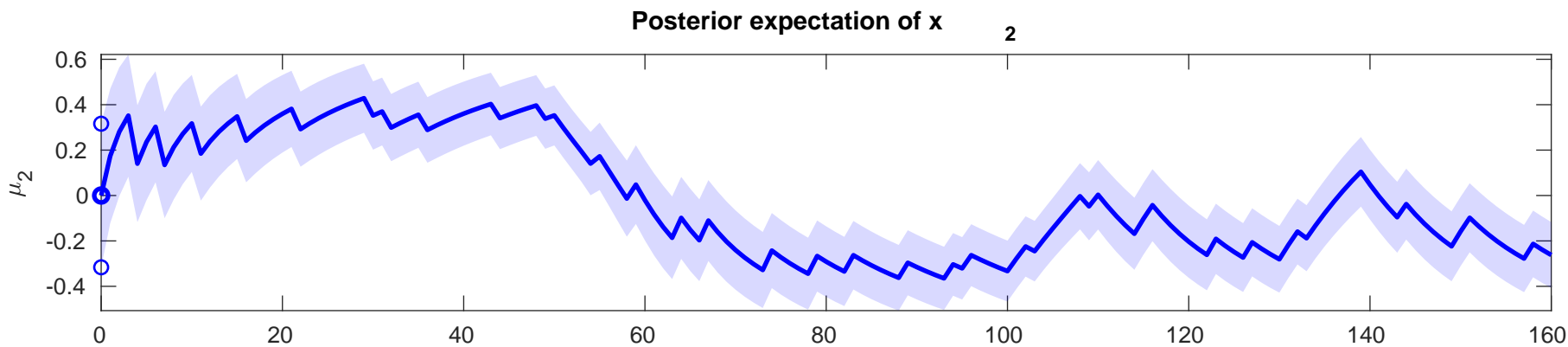
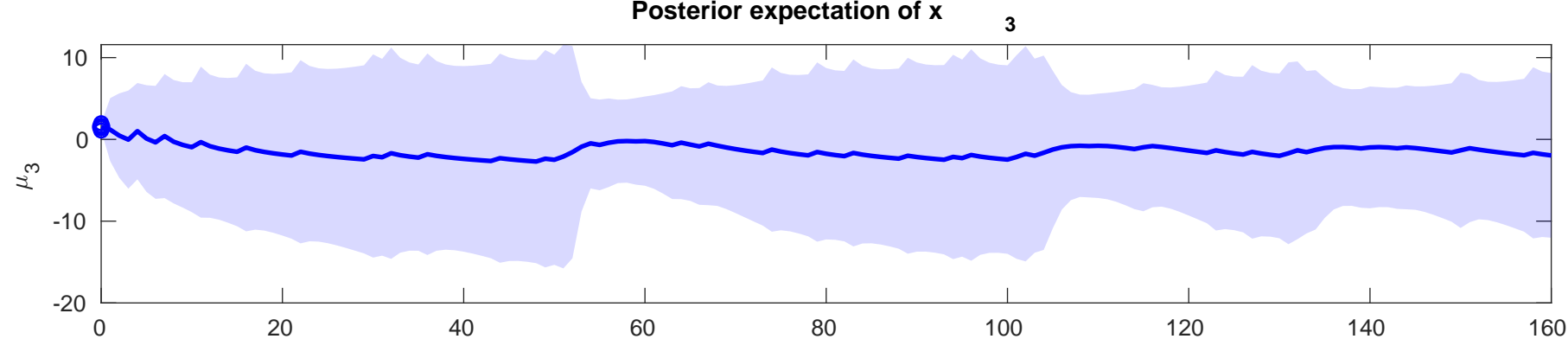
the y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=0.79412$





se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0.0$, $\kappa=1$, $\omega=-2.7145$





se y (orange), input u (green), learning rate (fine black), and posterior expectation of input $s(\mu_2)$ (red) for $\rho=0$, $\kappa=1$, $\omega=-4.9061$

