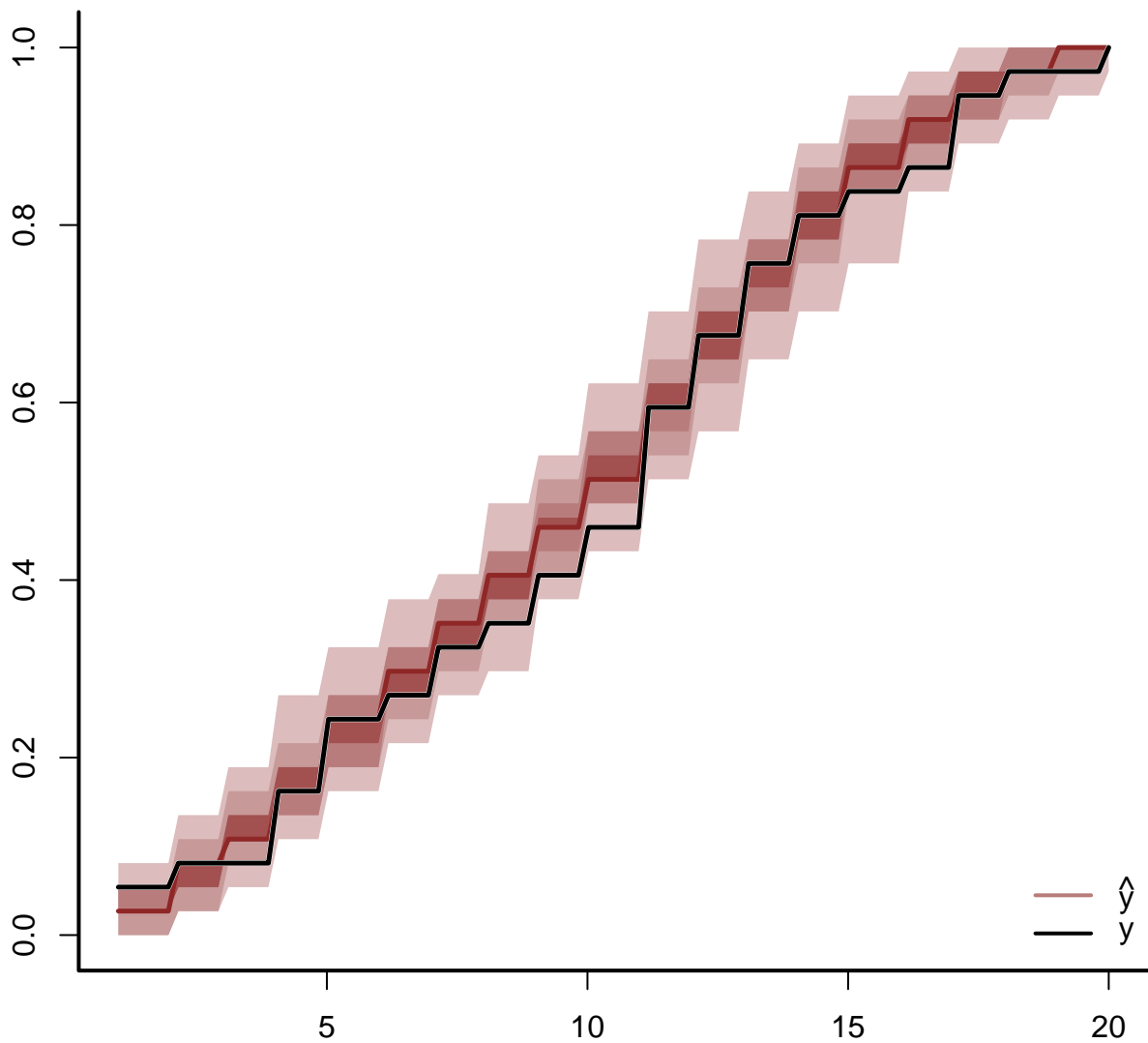
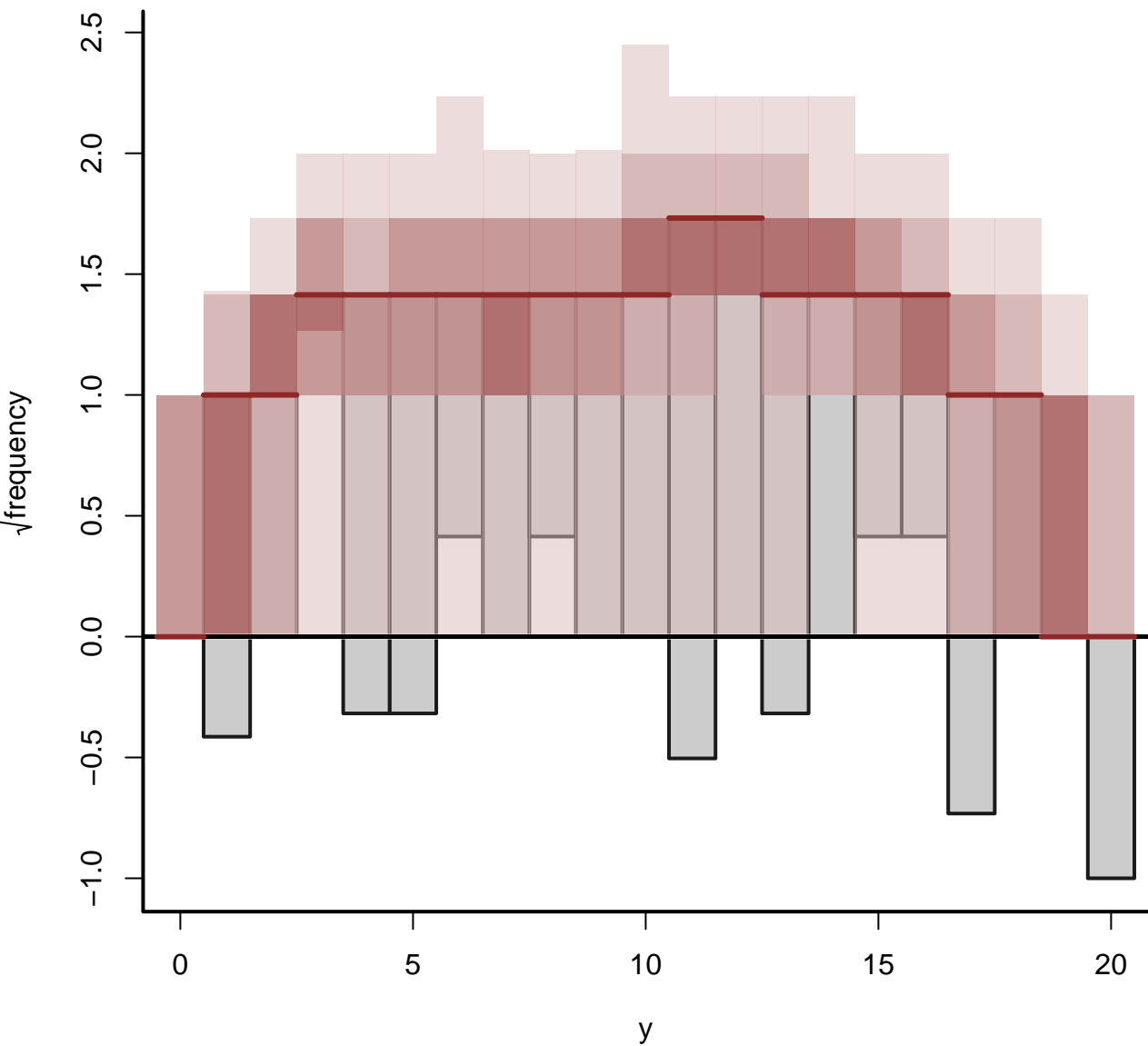
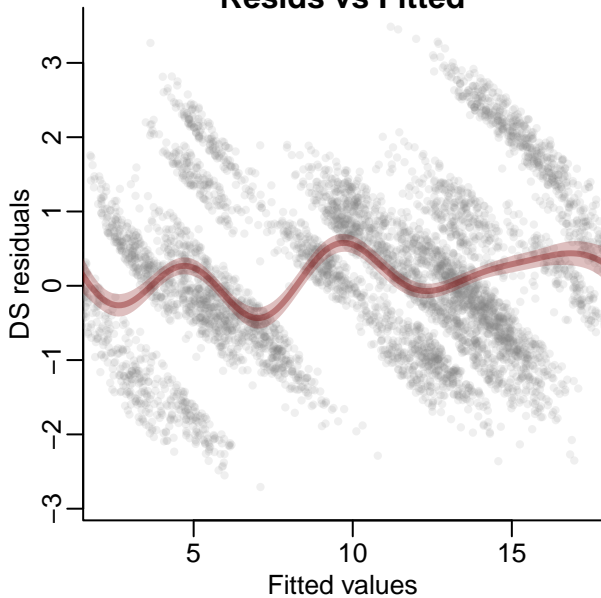
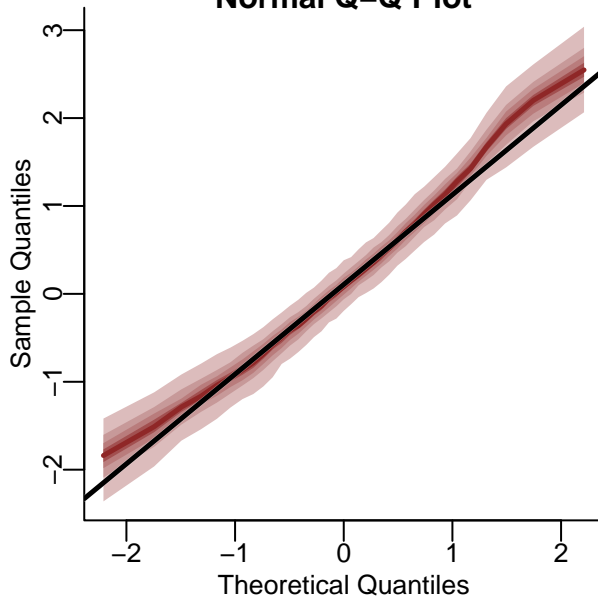
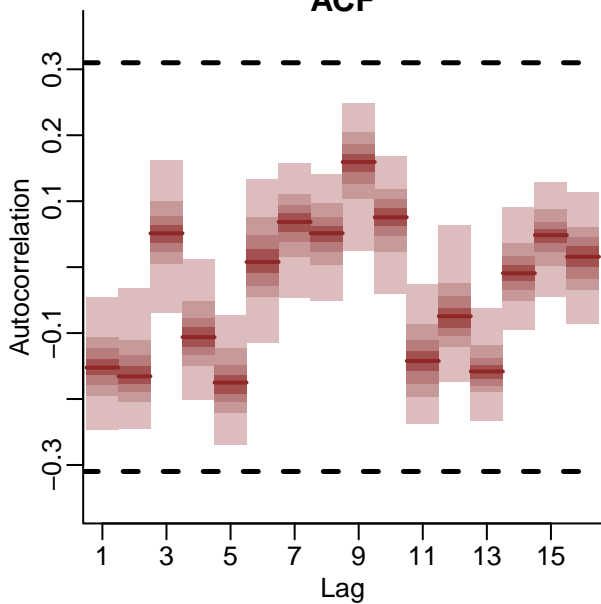
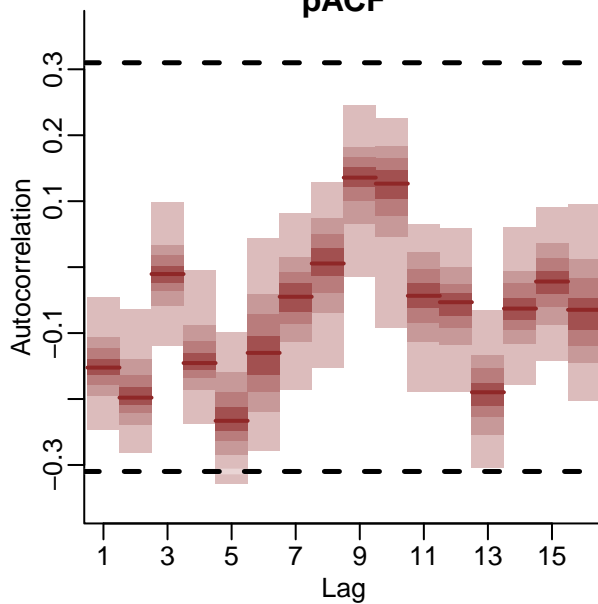


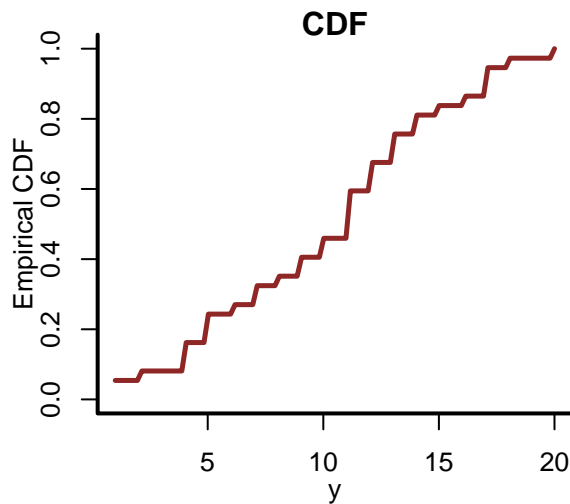
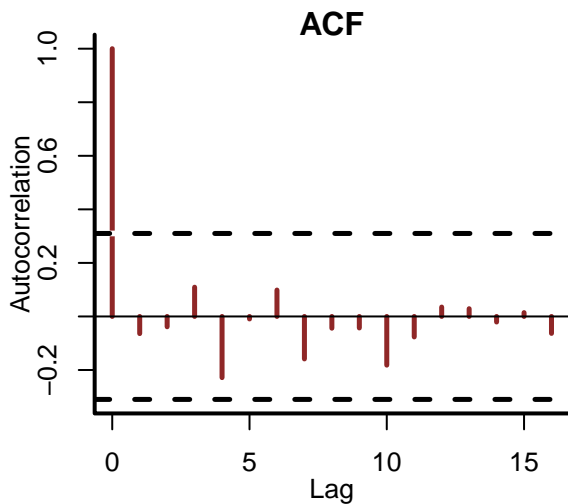
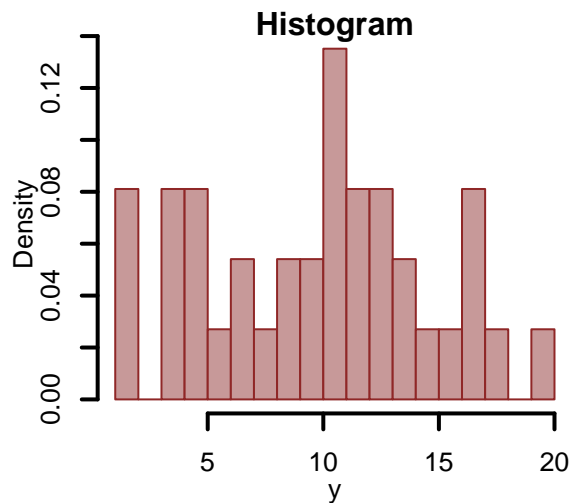
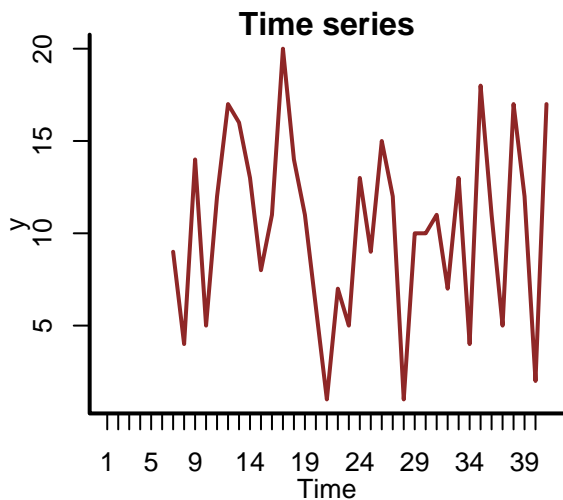
Predictive PIT for series1

Predictive CDF for series1

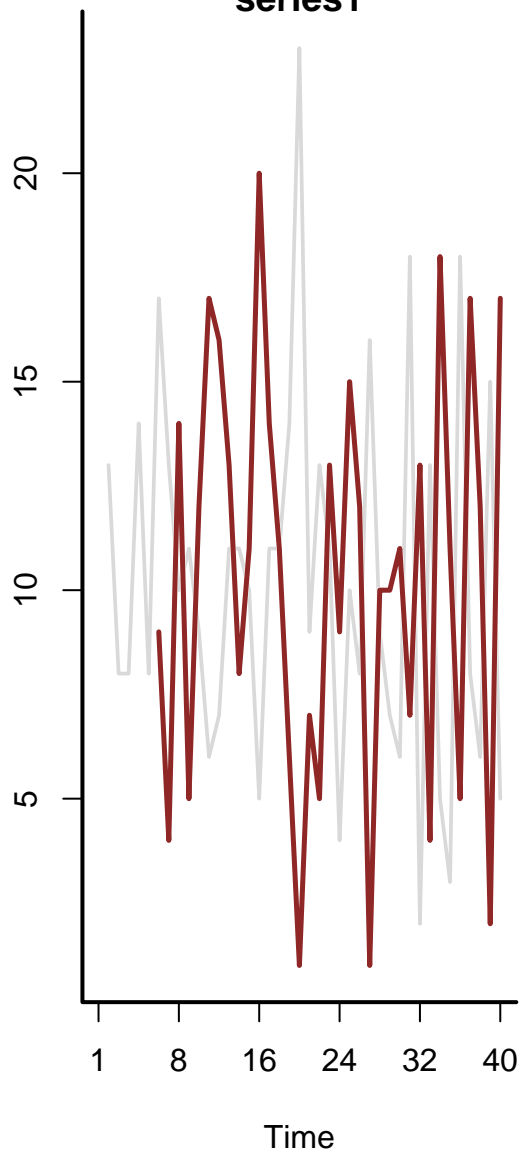




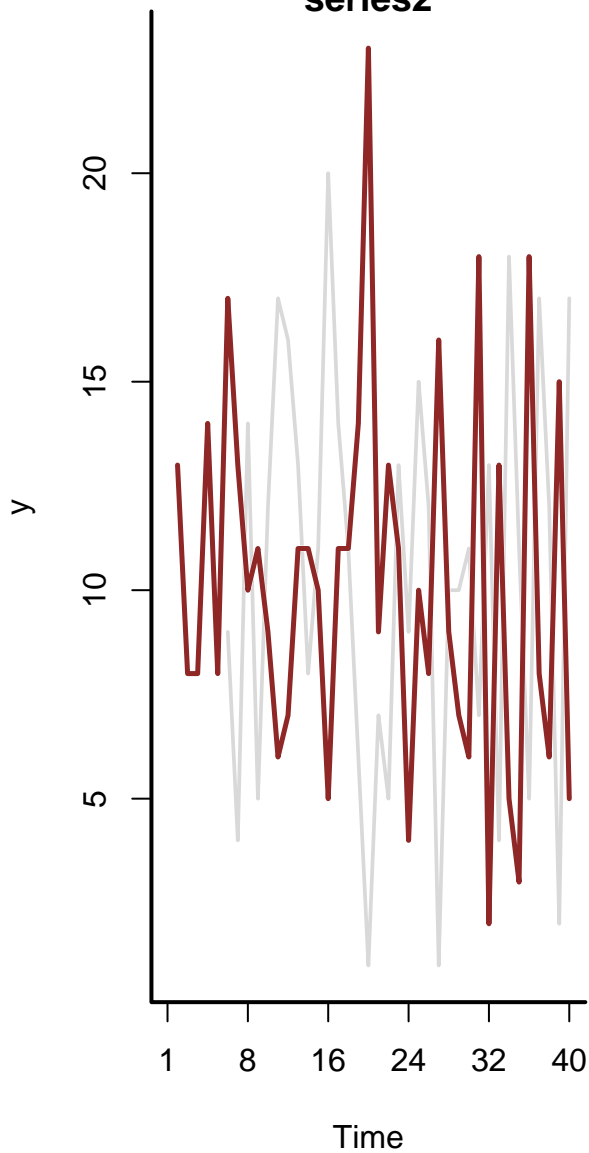
Resids vs Fitted**Normal Q-Q Plot****ACF****pACF**

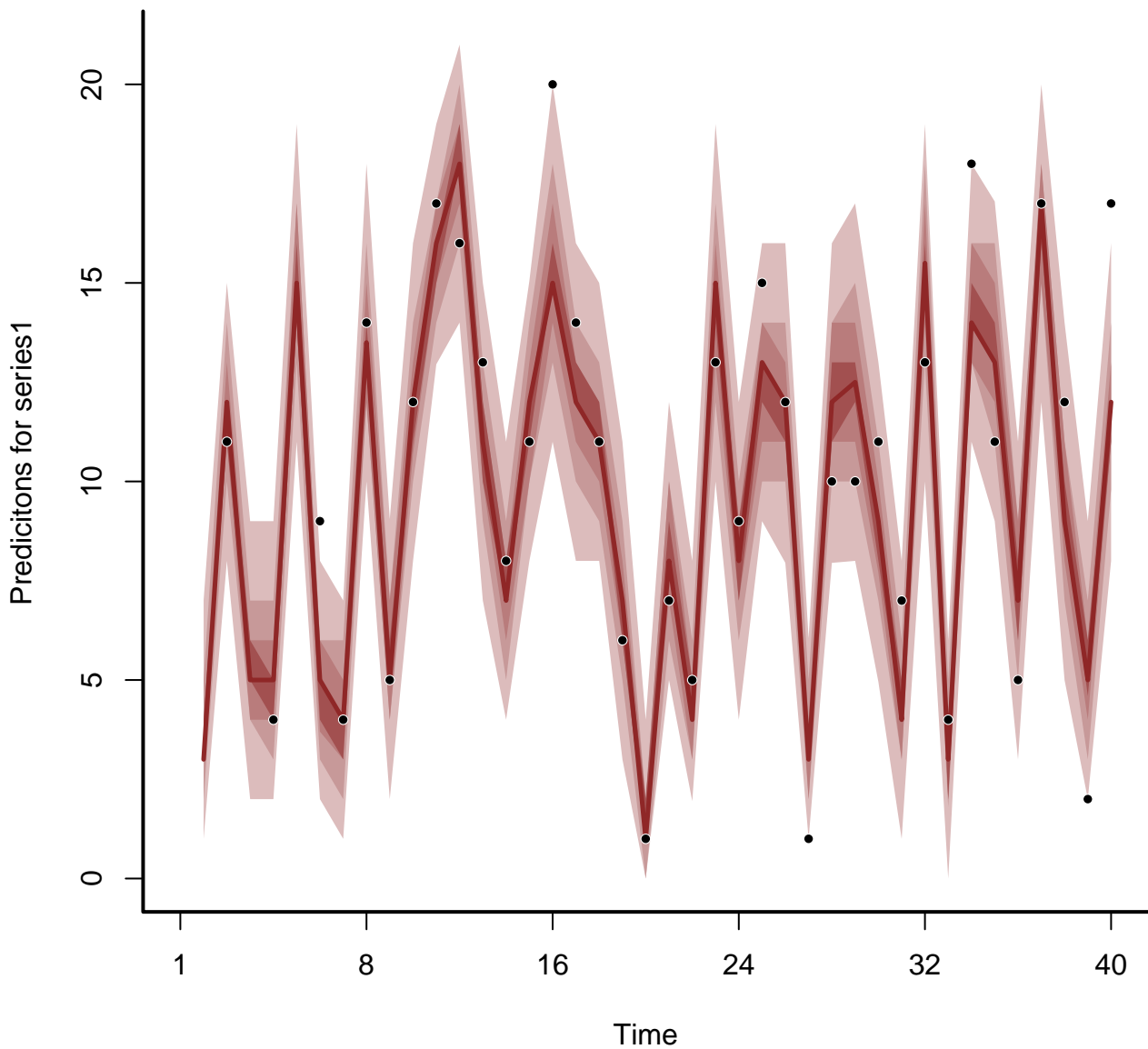


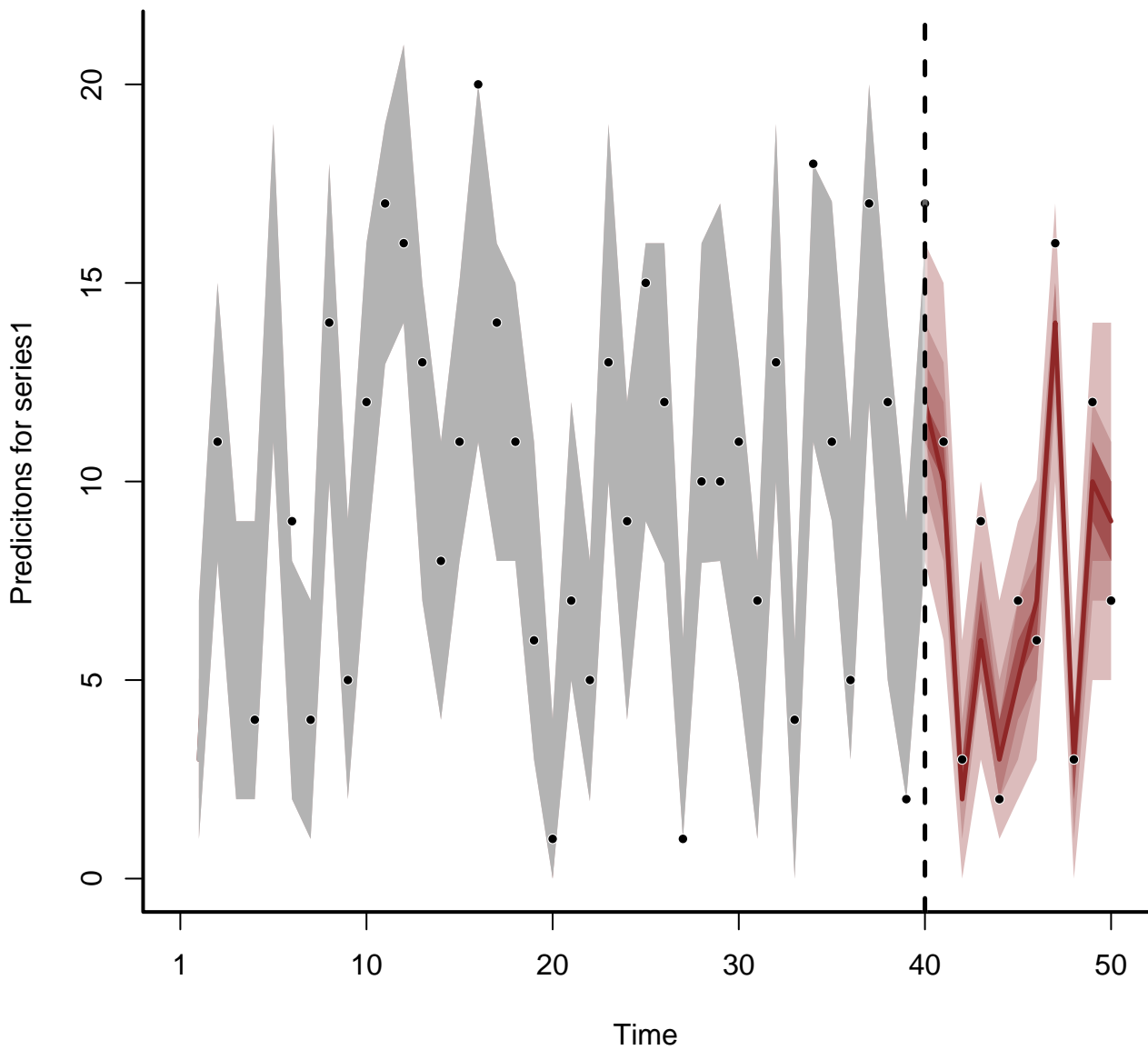
series1

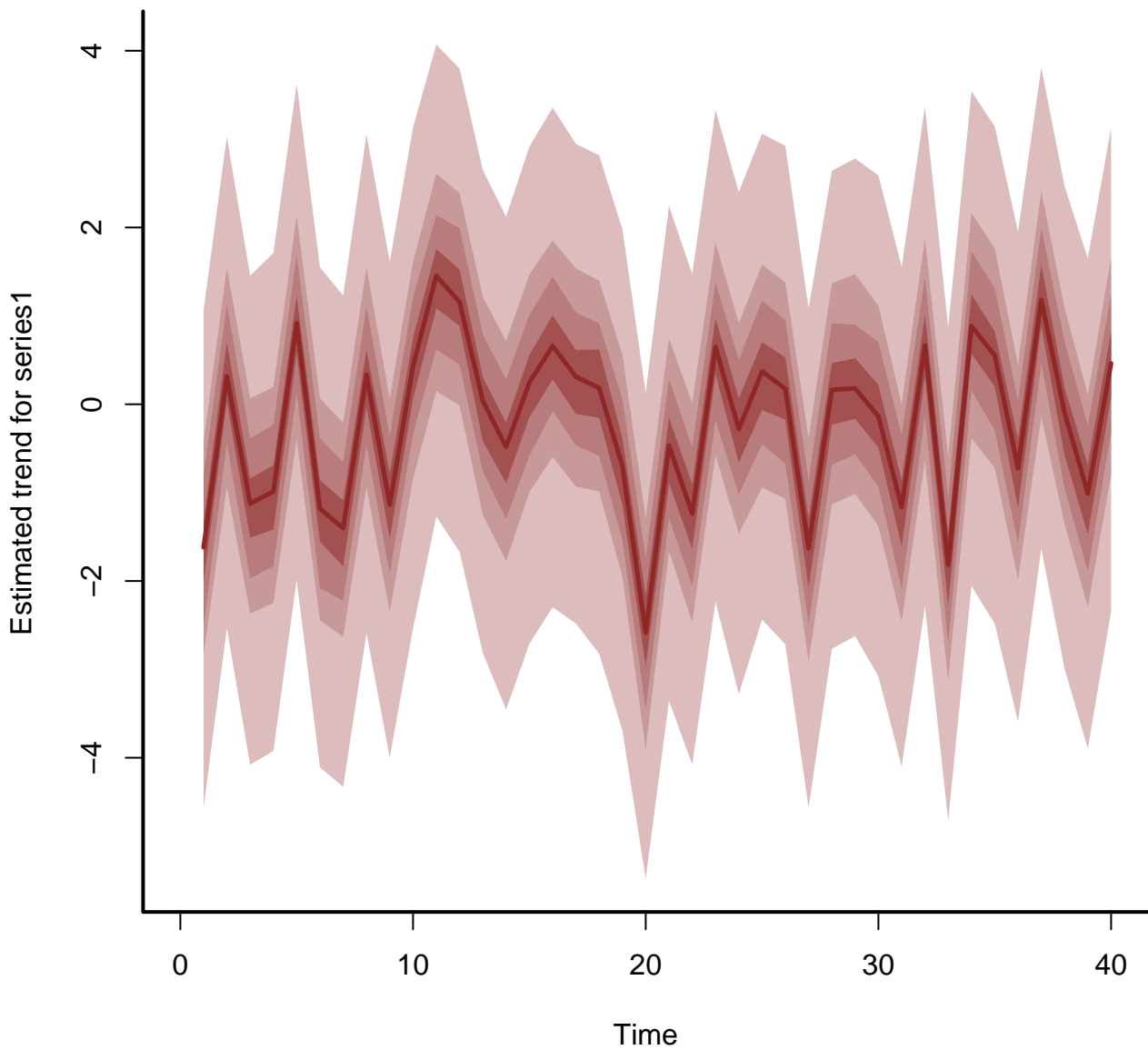


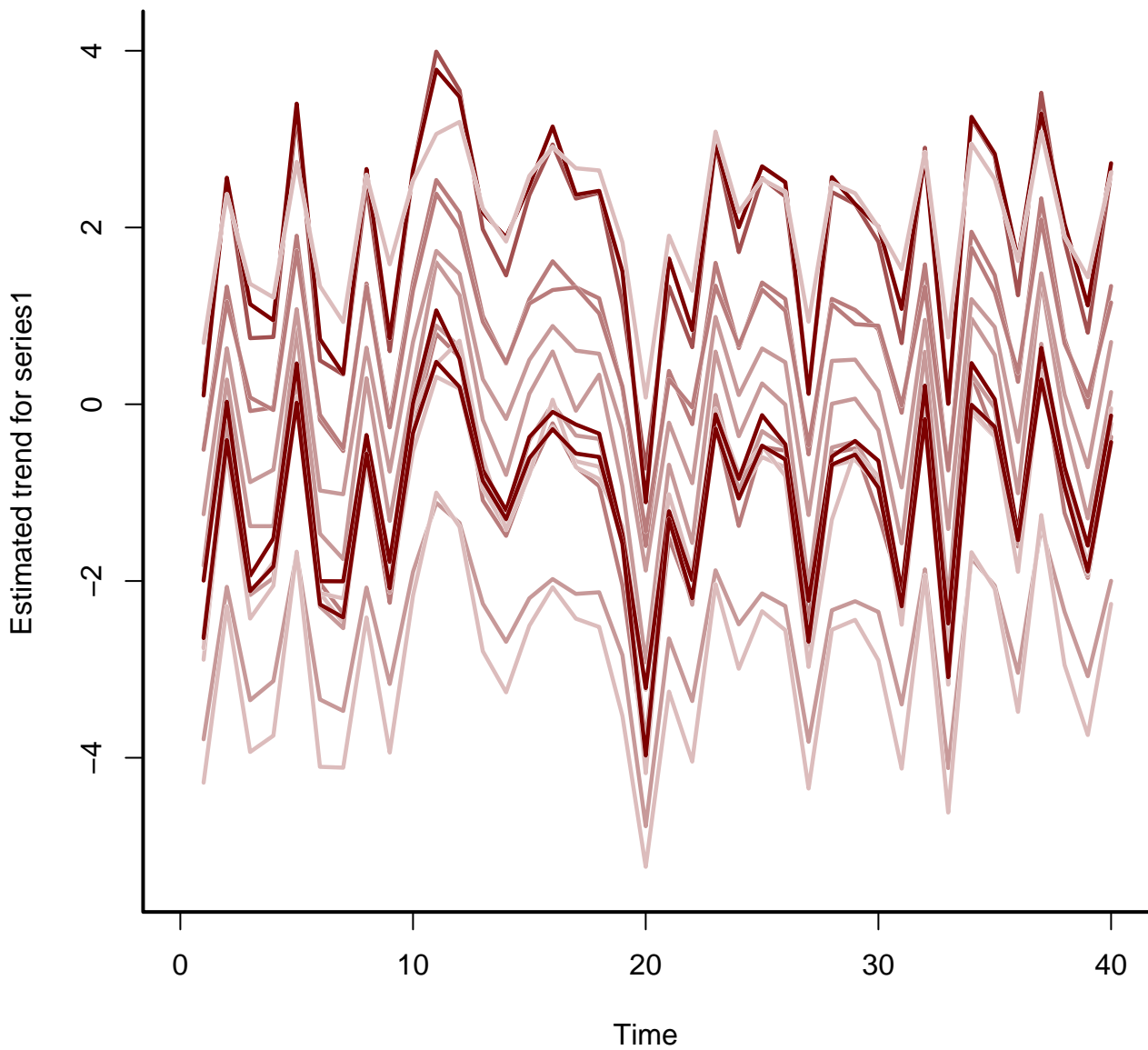
series2

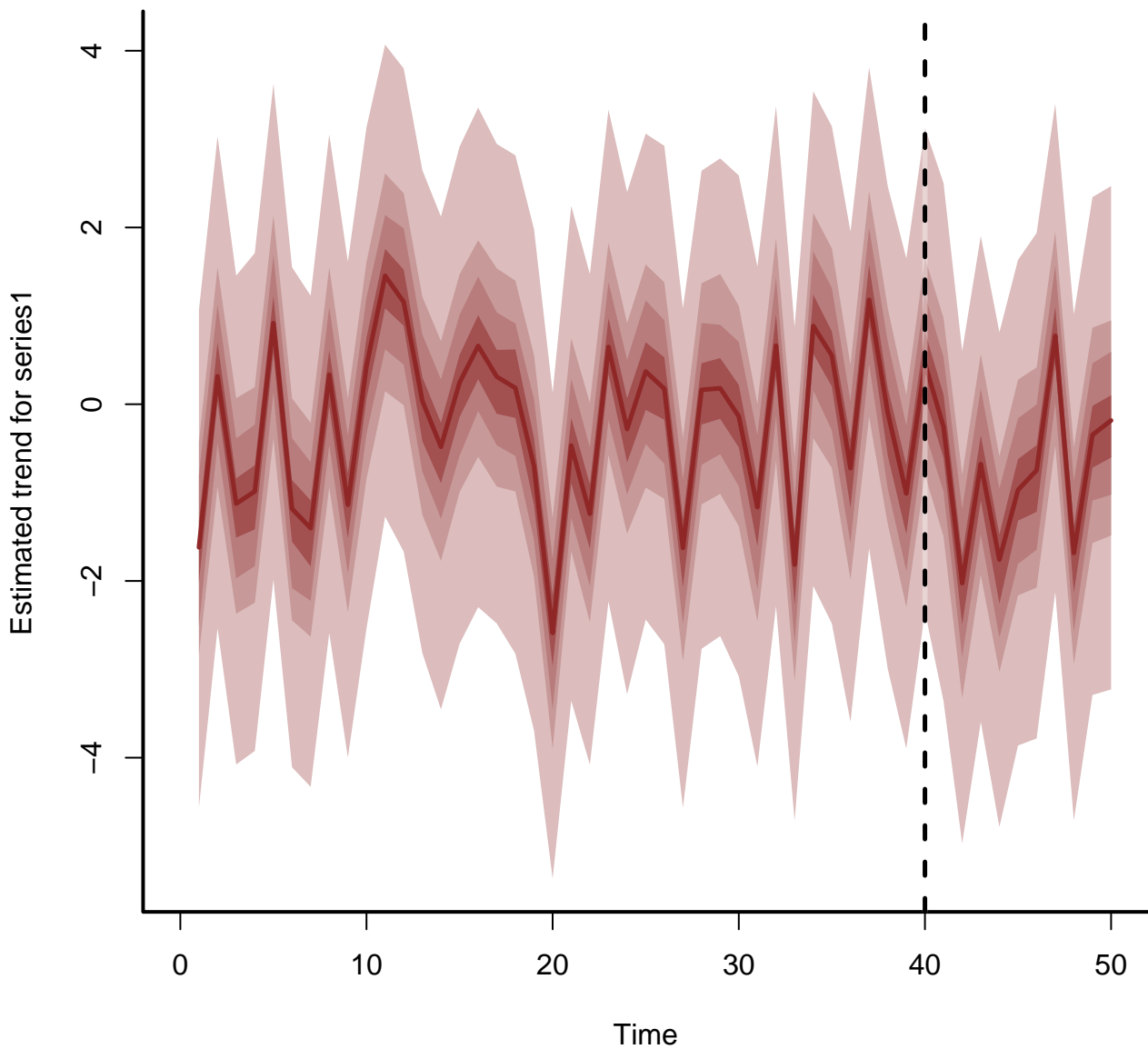


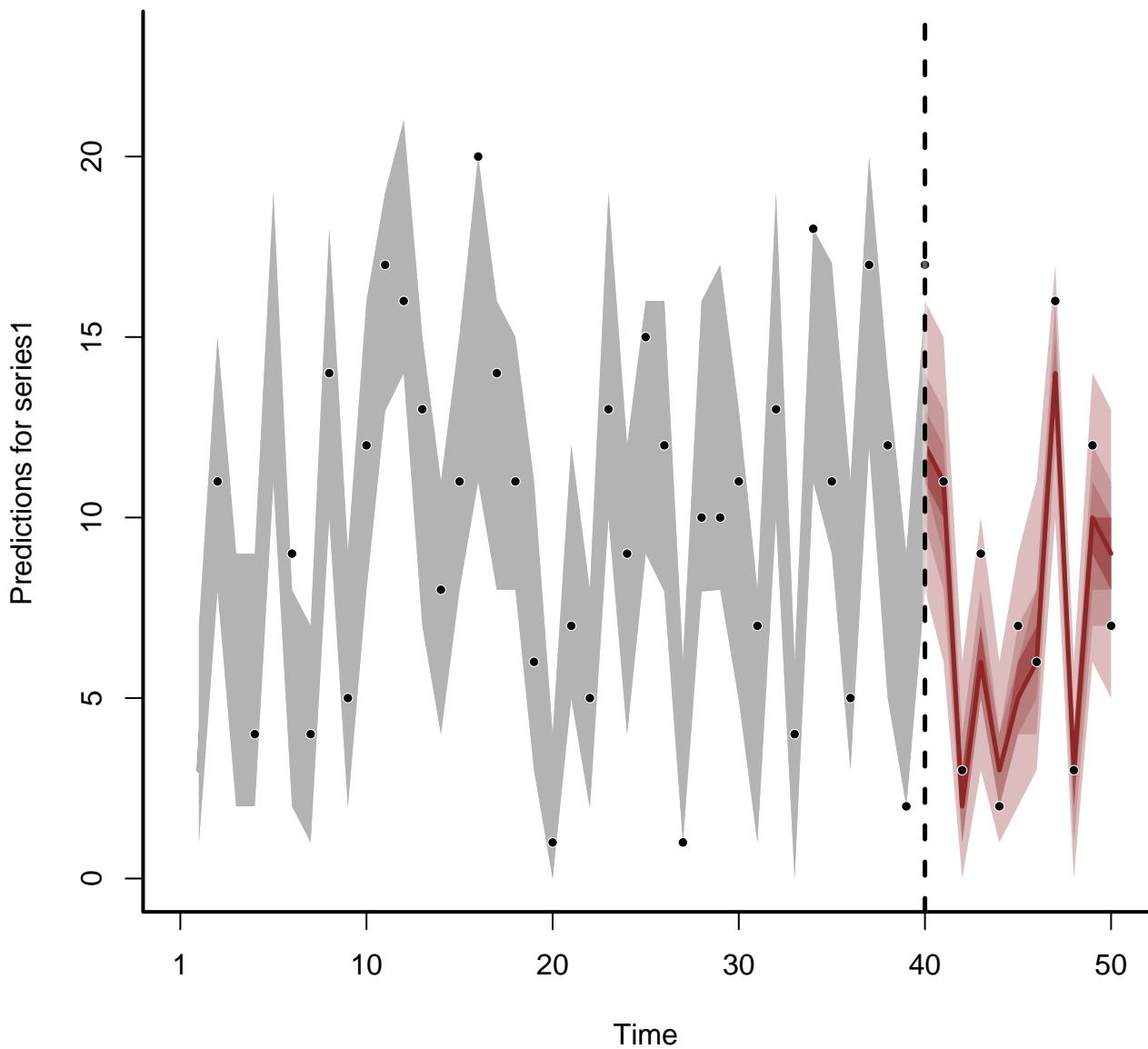


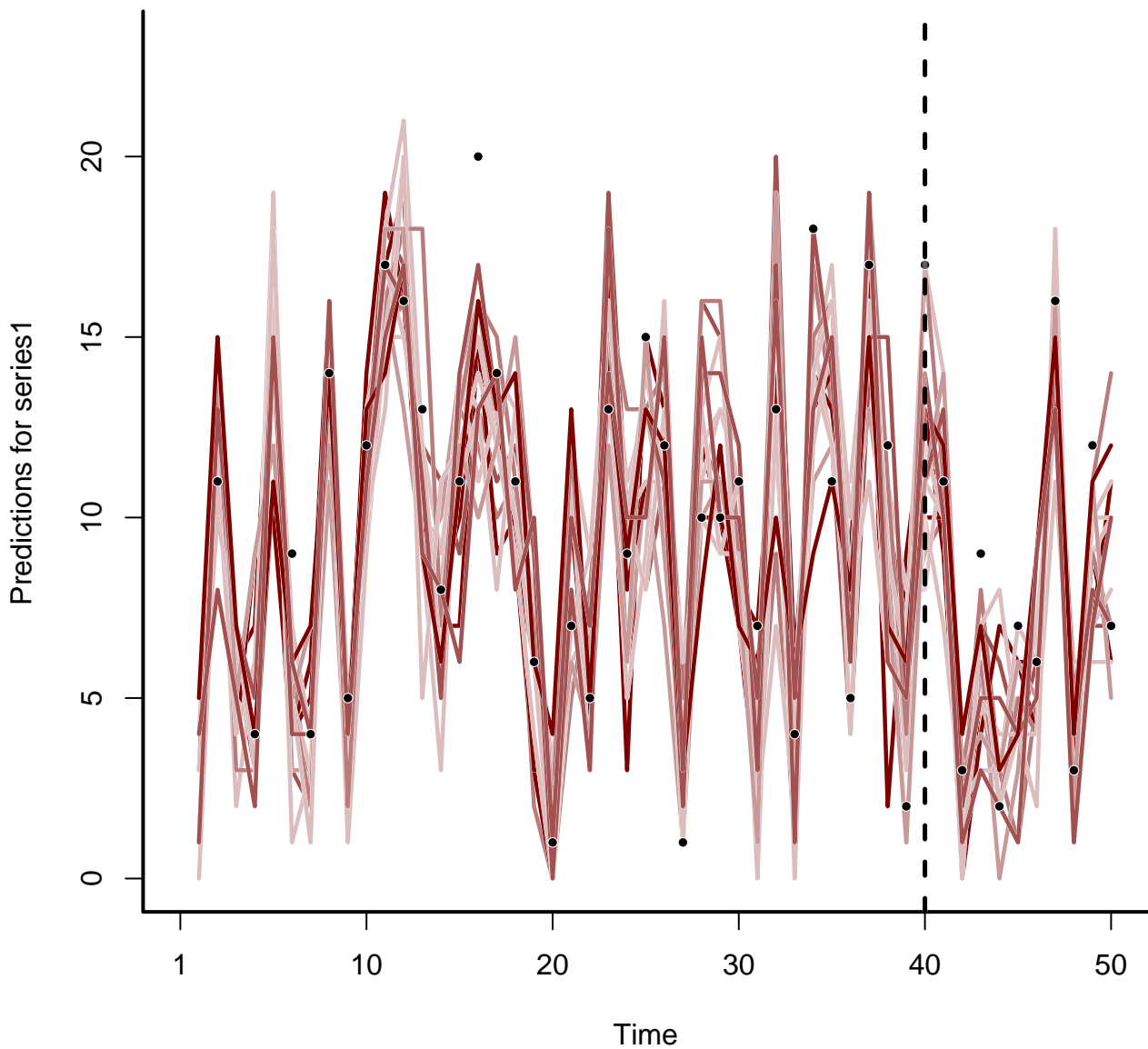




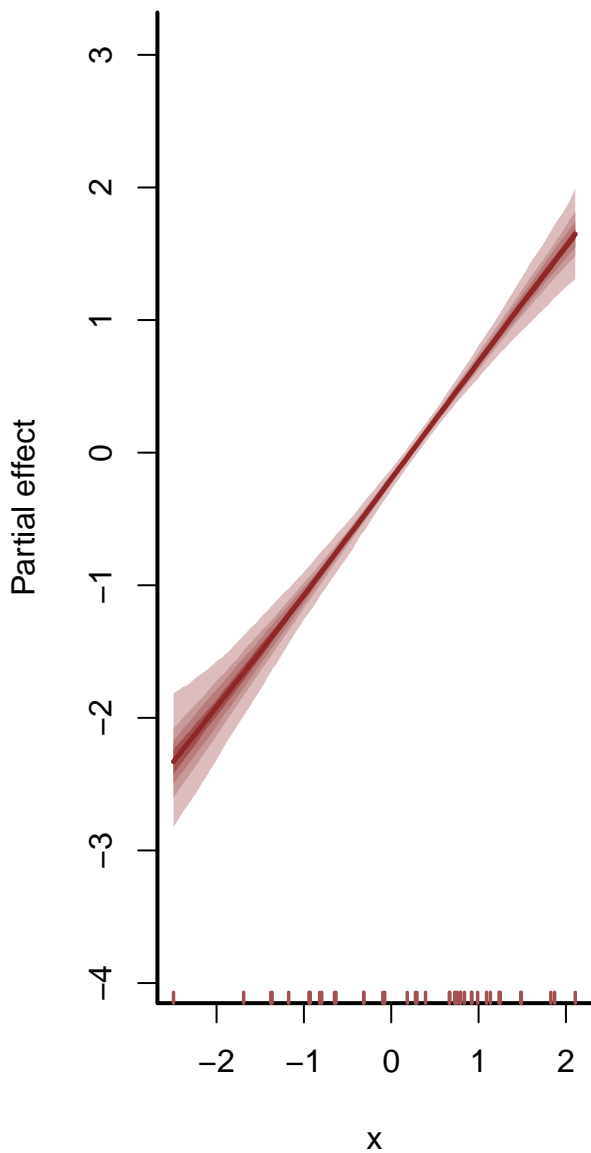




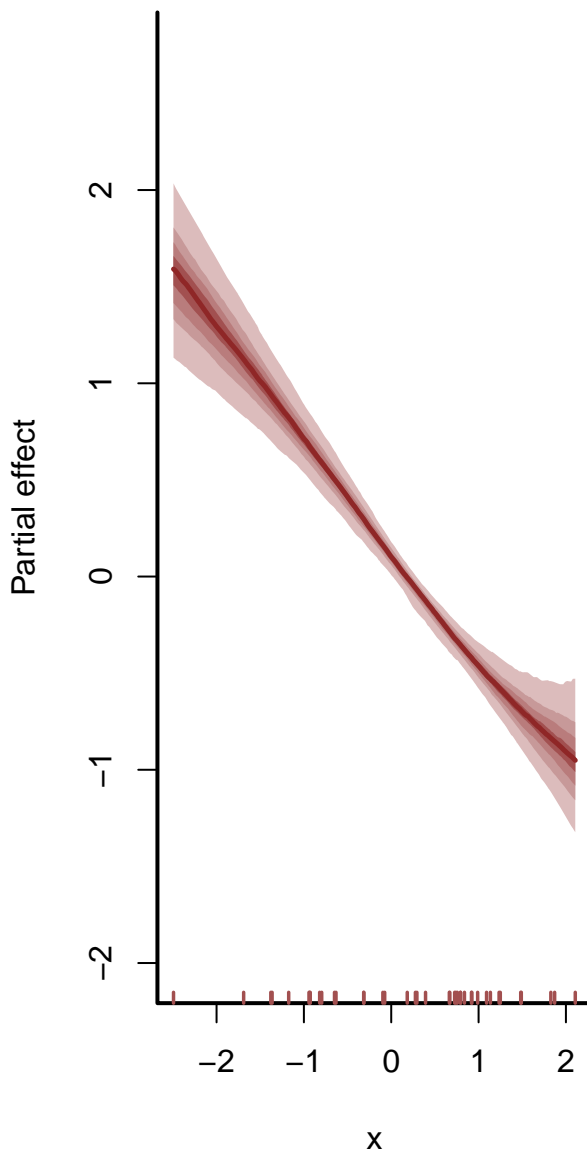




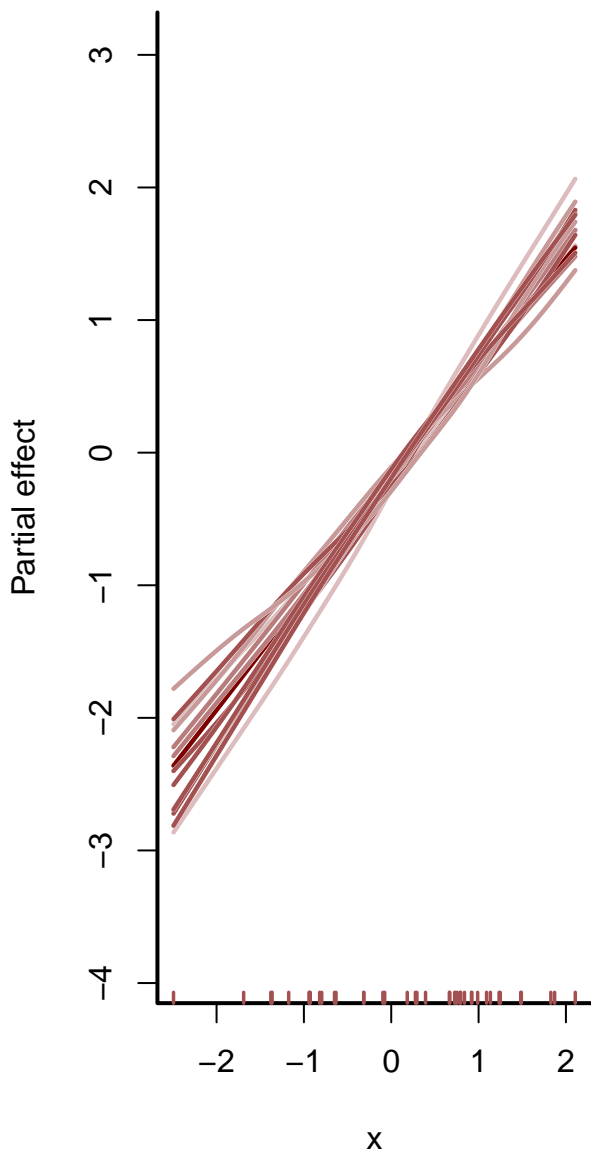
s(x):trendtrend1



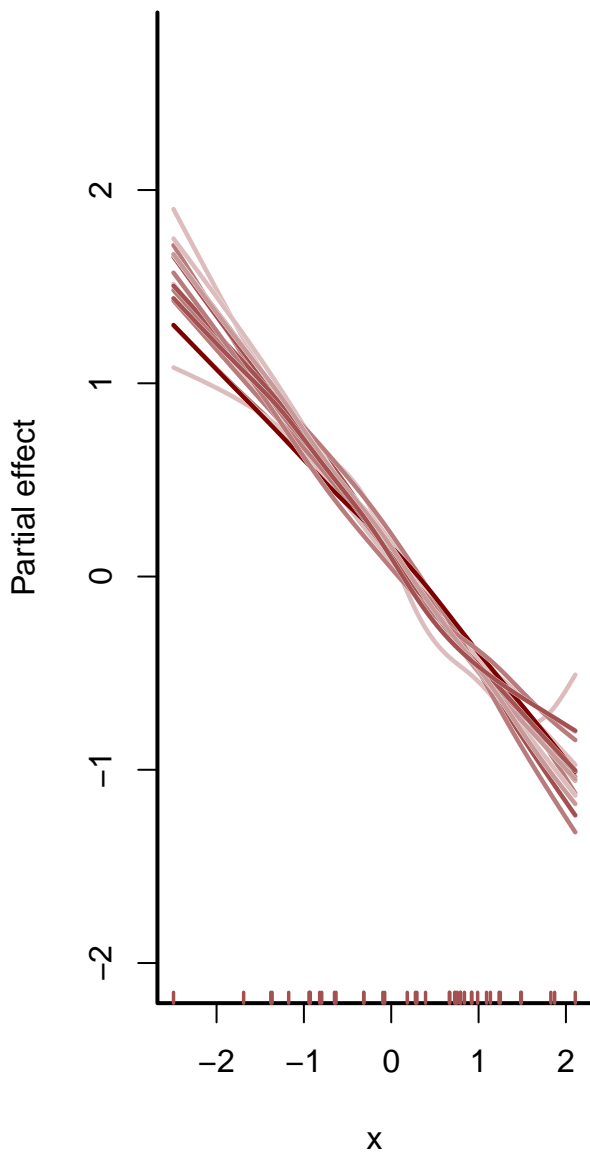
s(x):trendtrend2



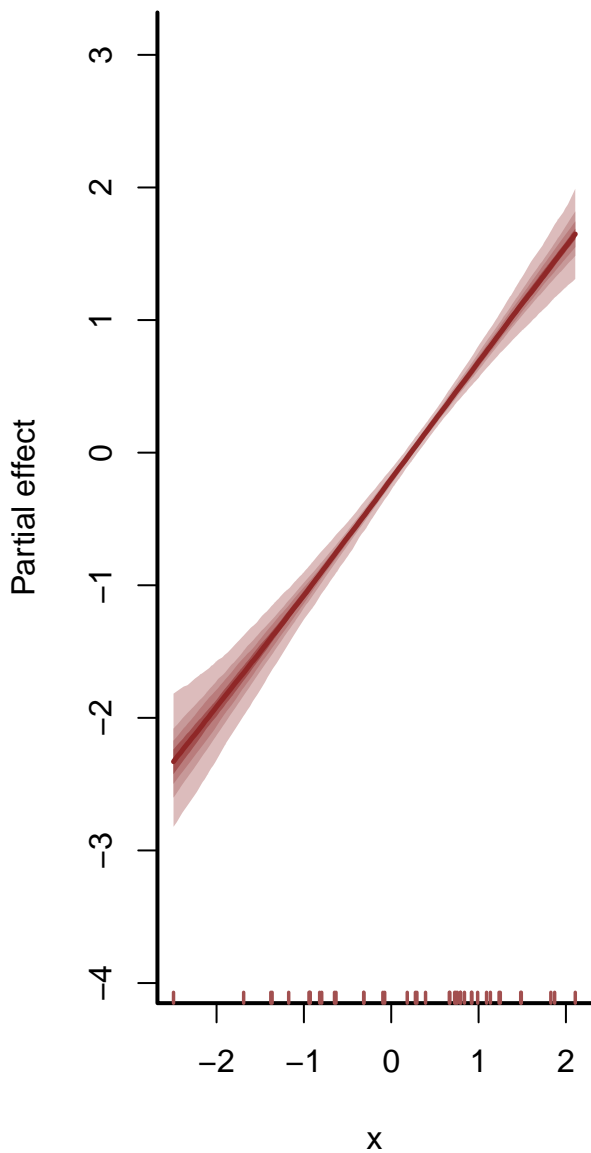
s(x):trendtrend1



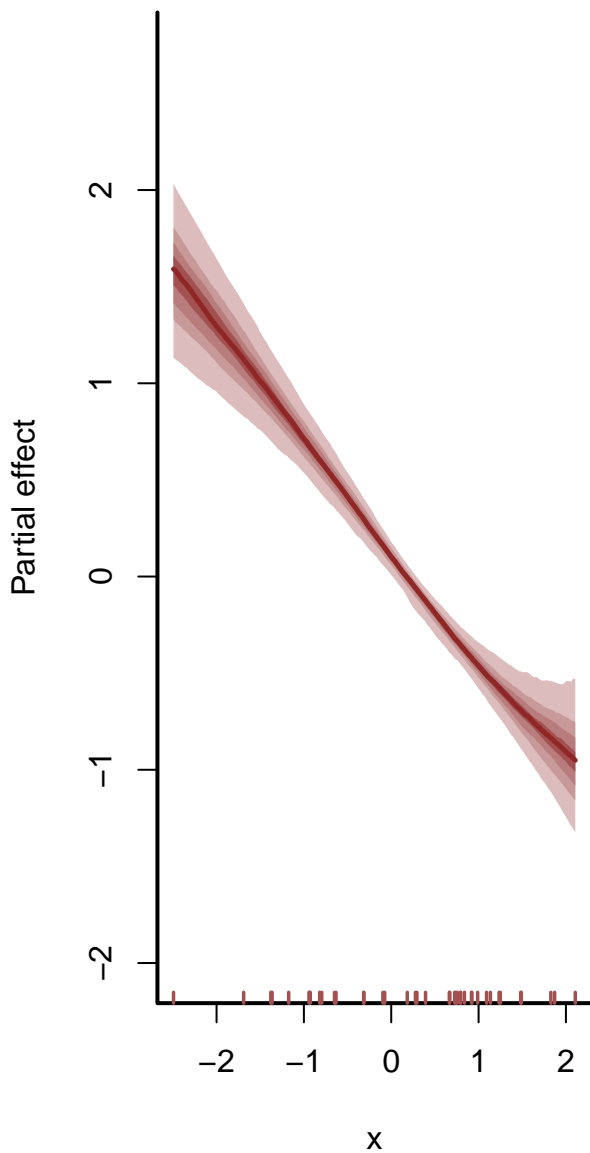
s(x):trendtrend2



s(x):trendtrend1



s(x):trendtrend2

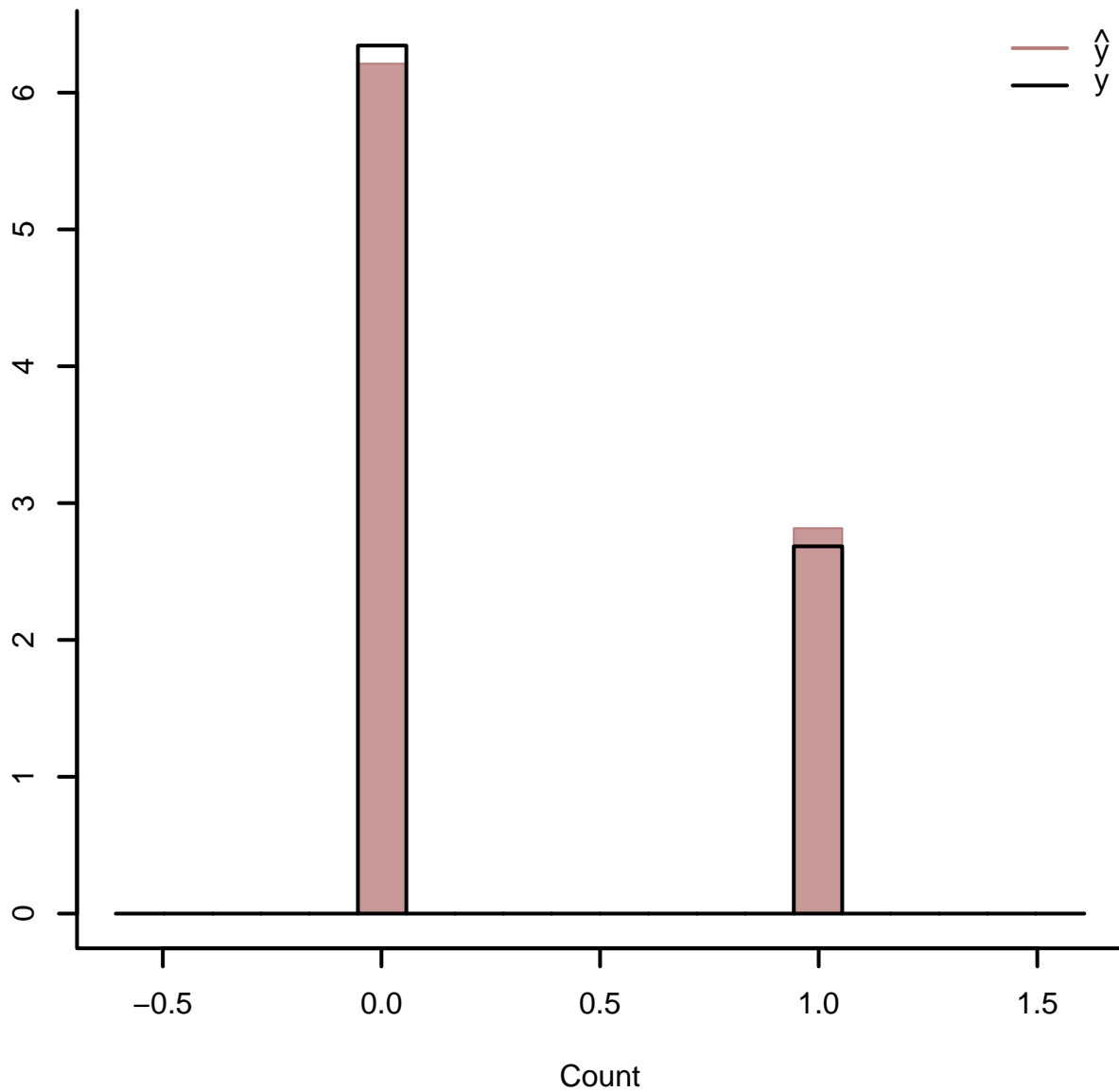


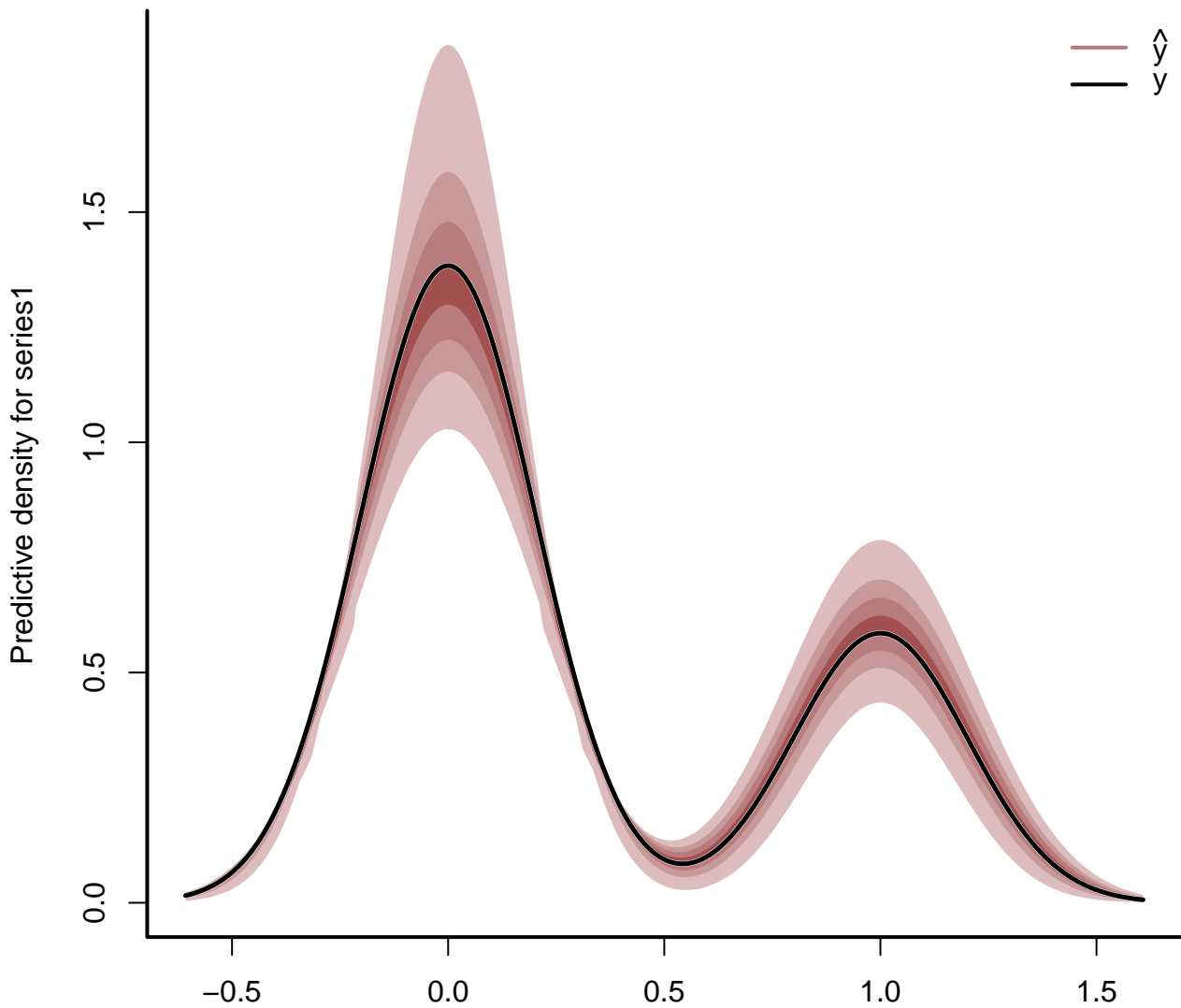
series

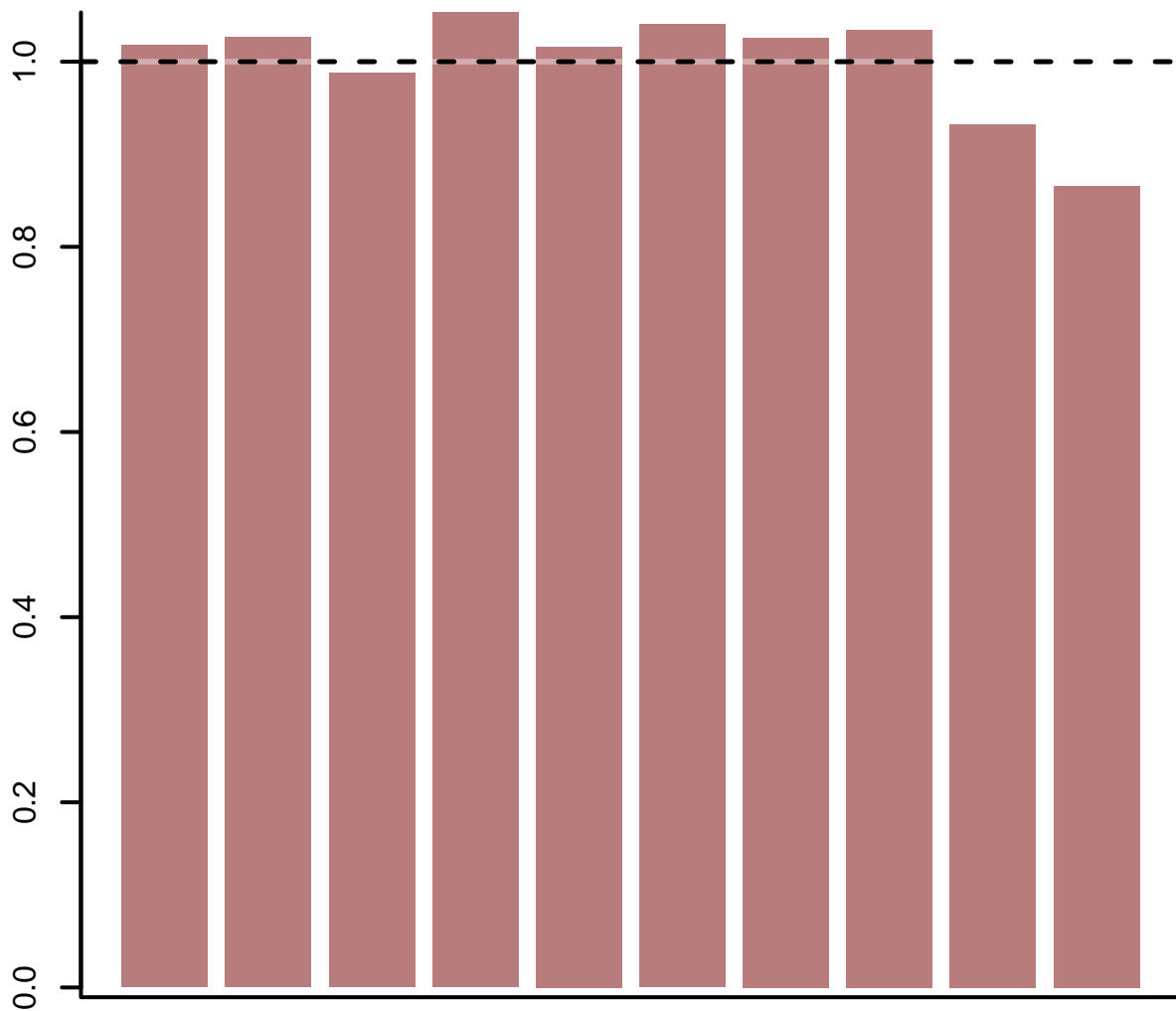
Partial effect

0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3



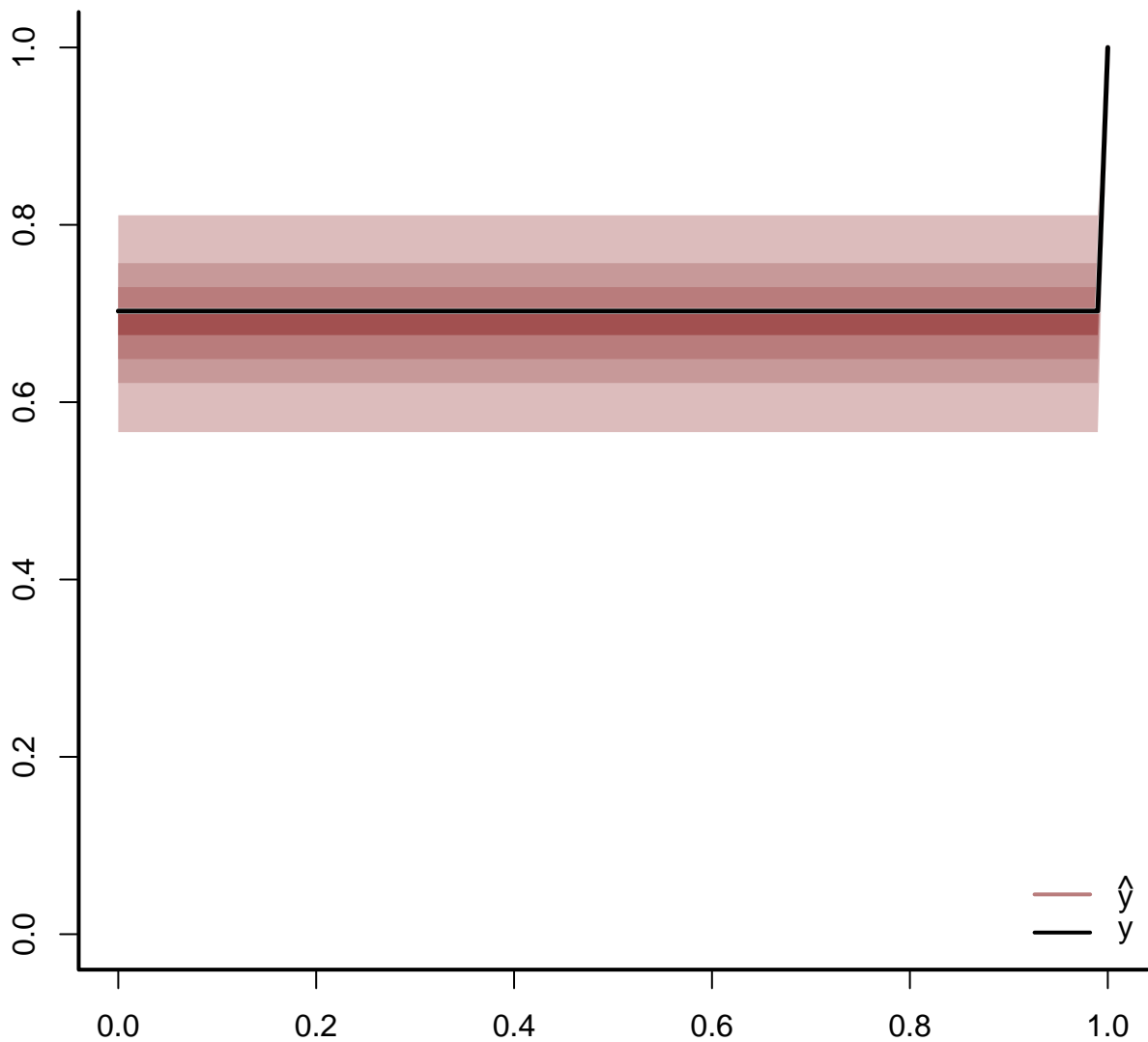


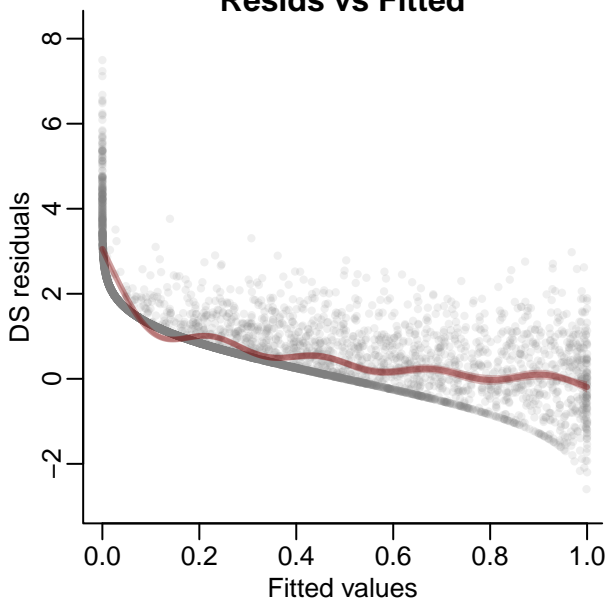
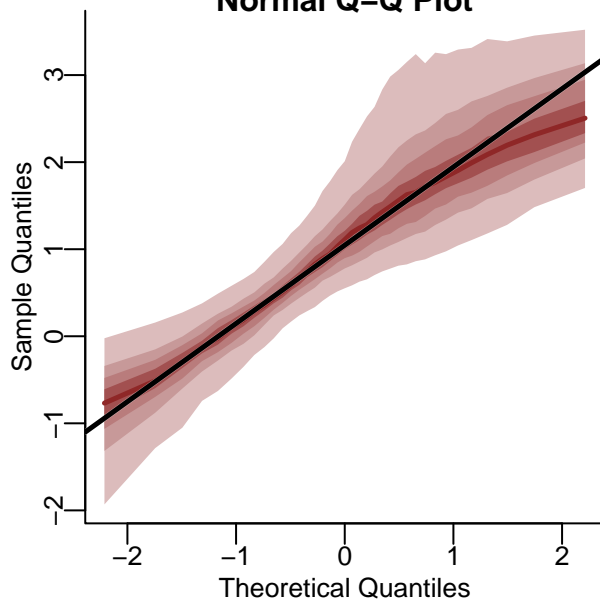
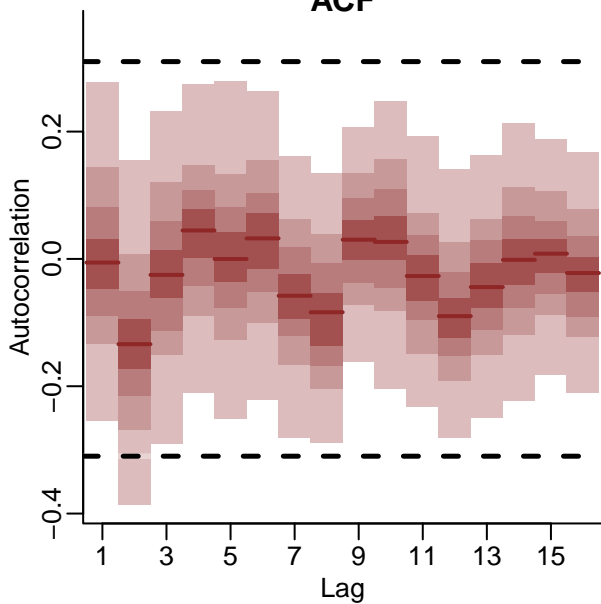
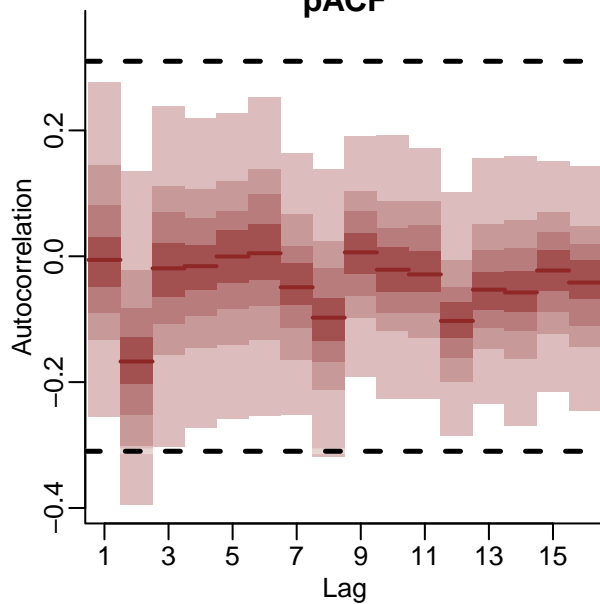


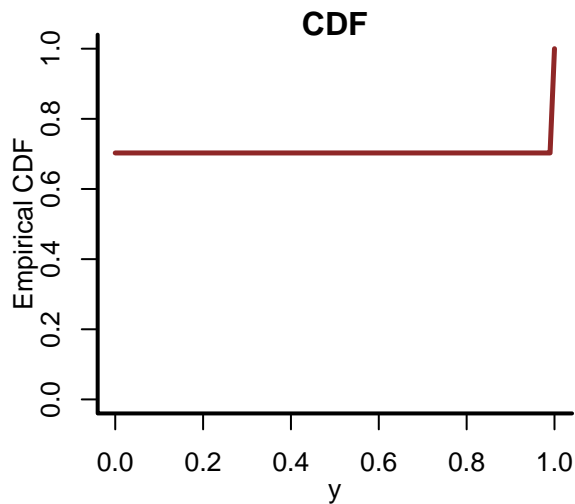
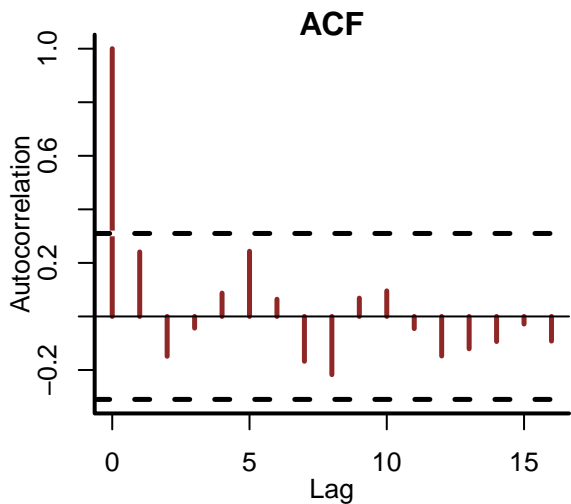
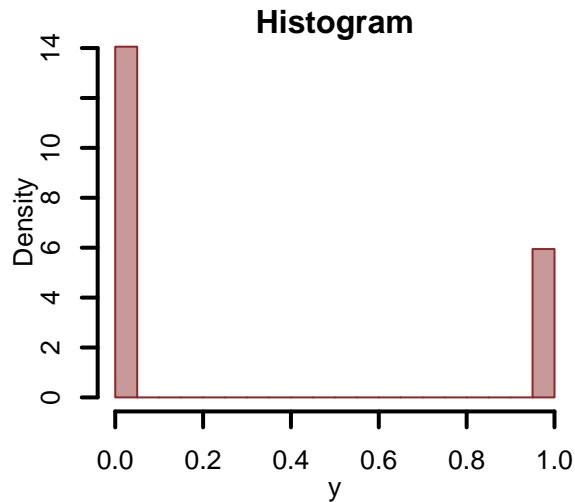
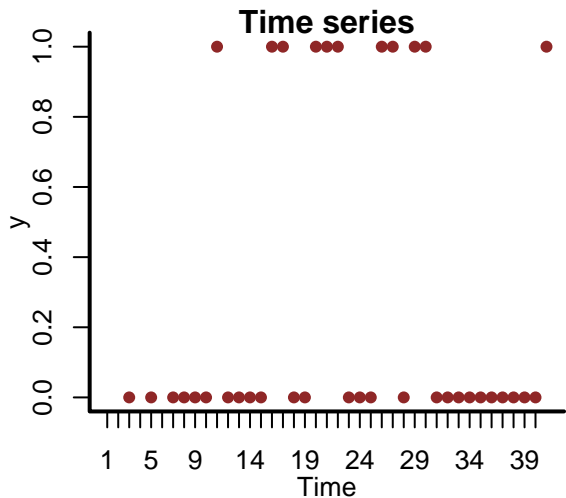


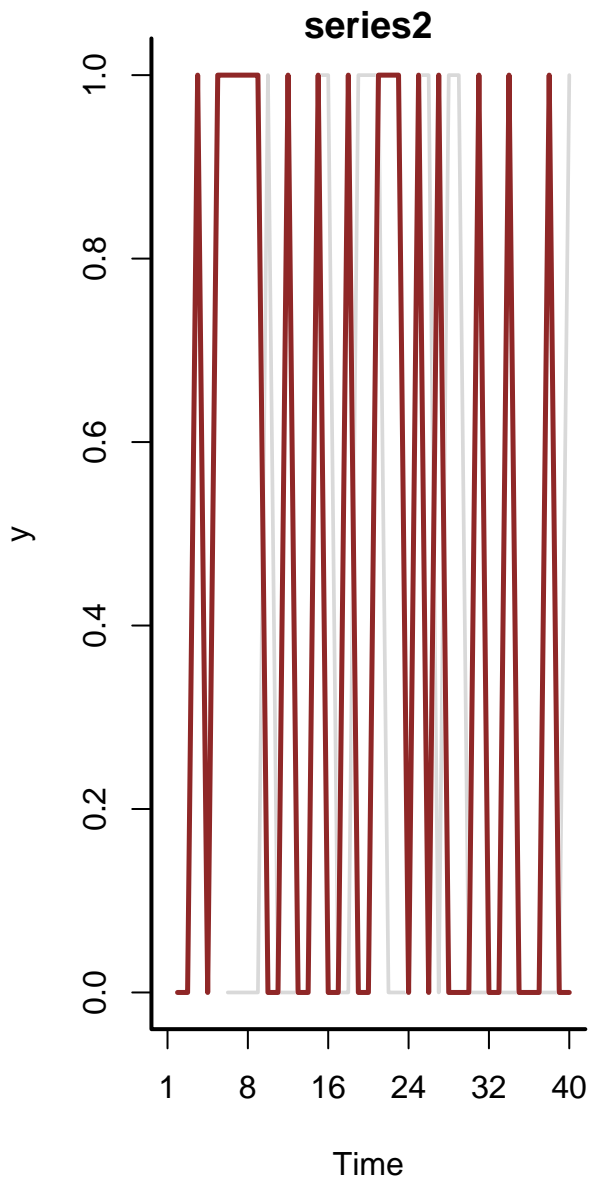
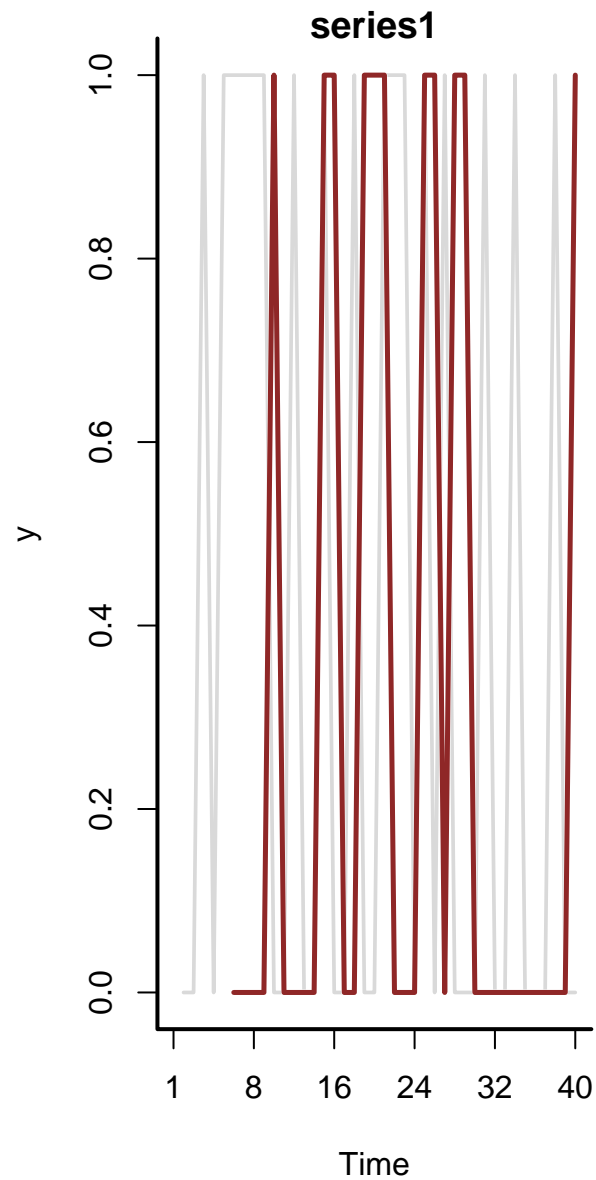
Predictive PIT for series1

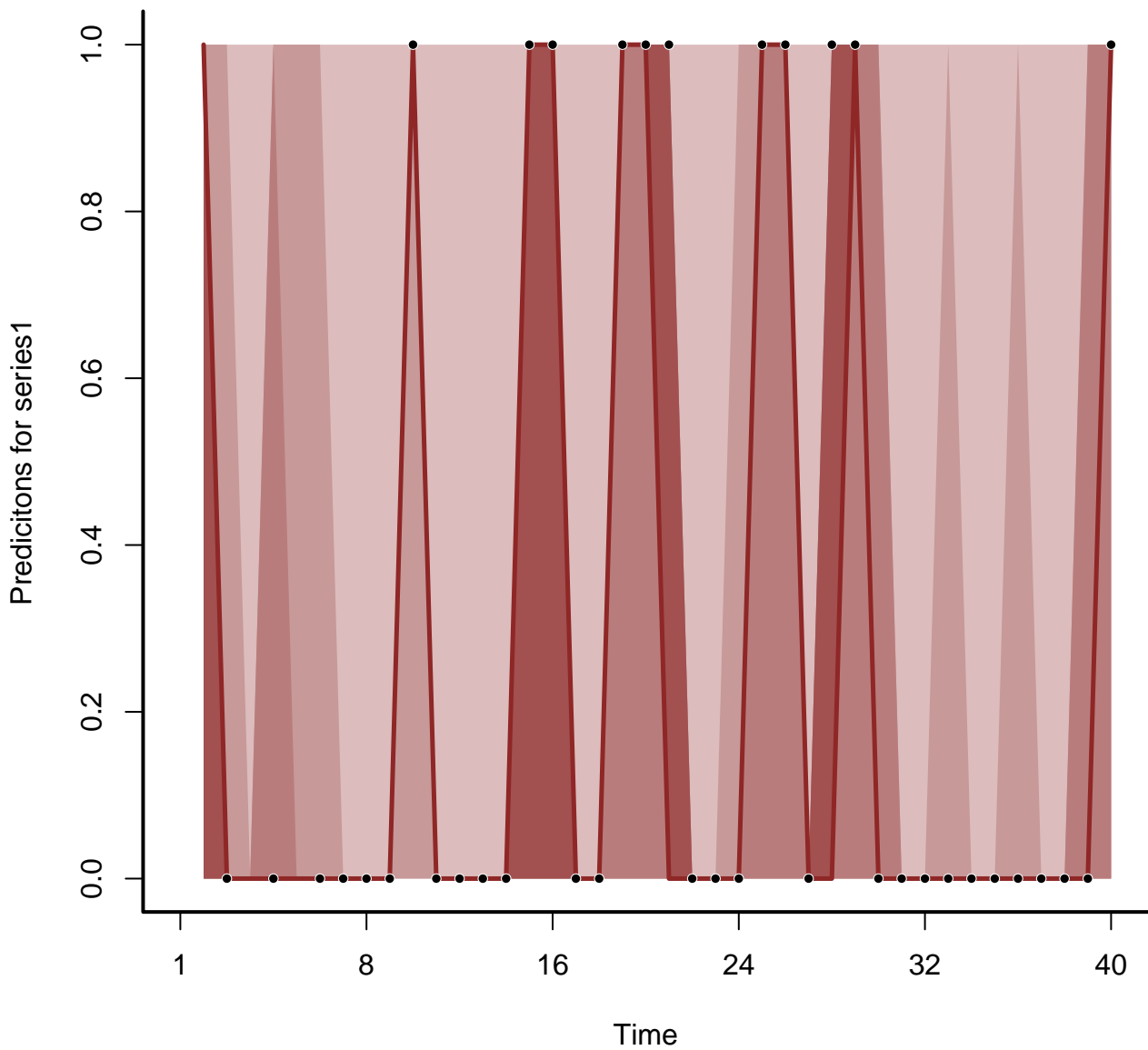
Predictive CDF for series1



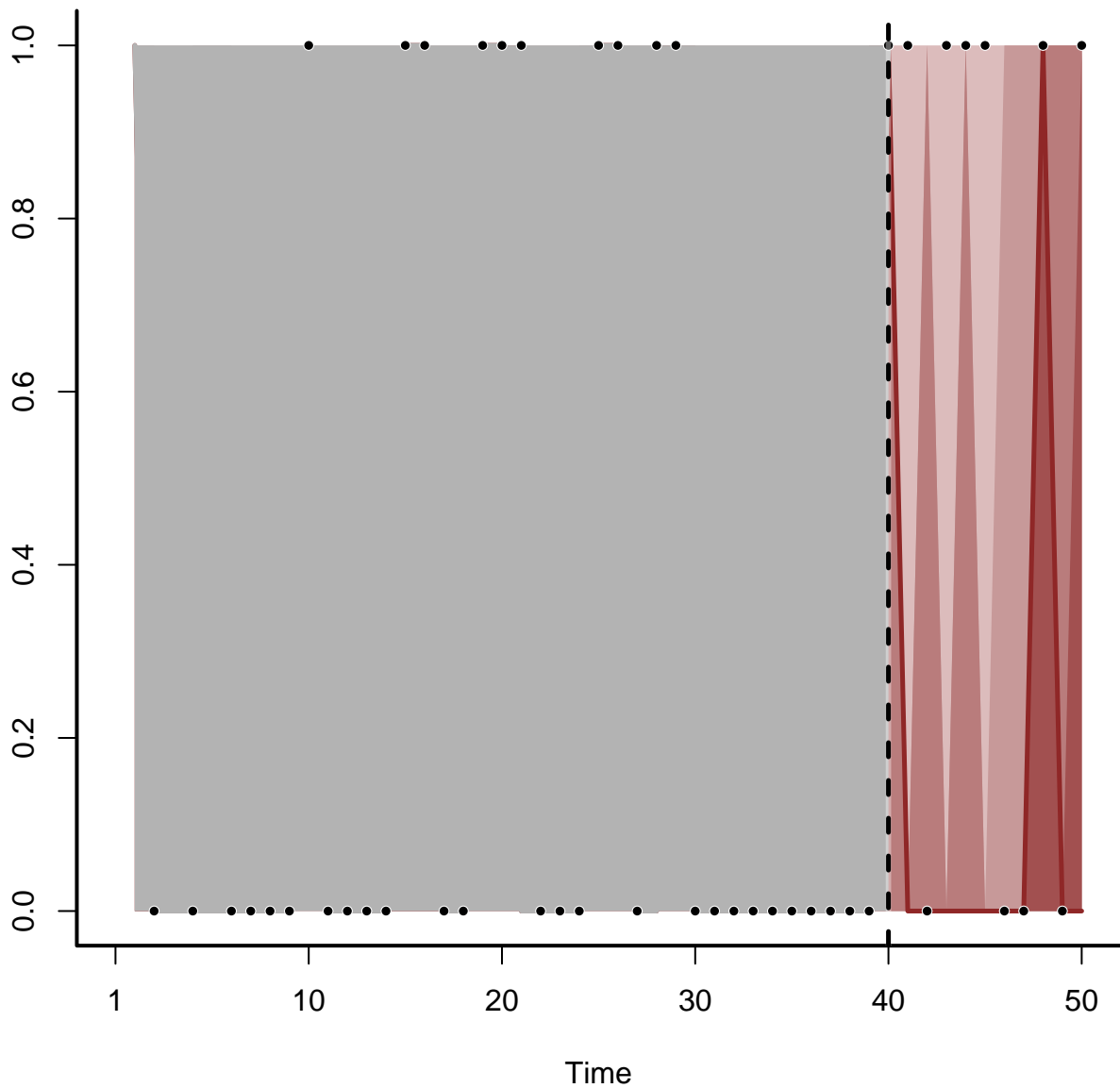
Resids vs Fitted**Normal Q-Q Plot****ACF****pACF**

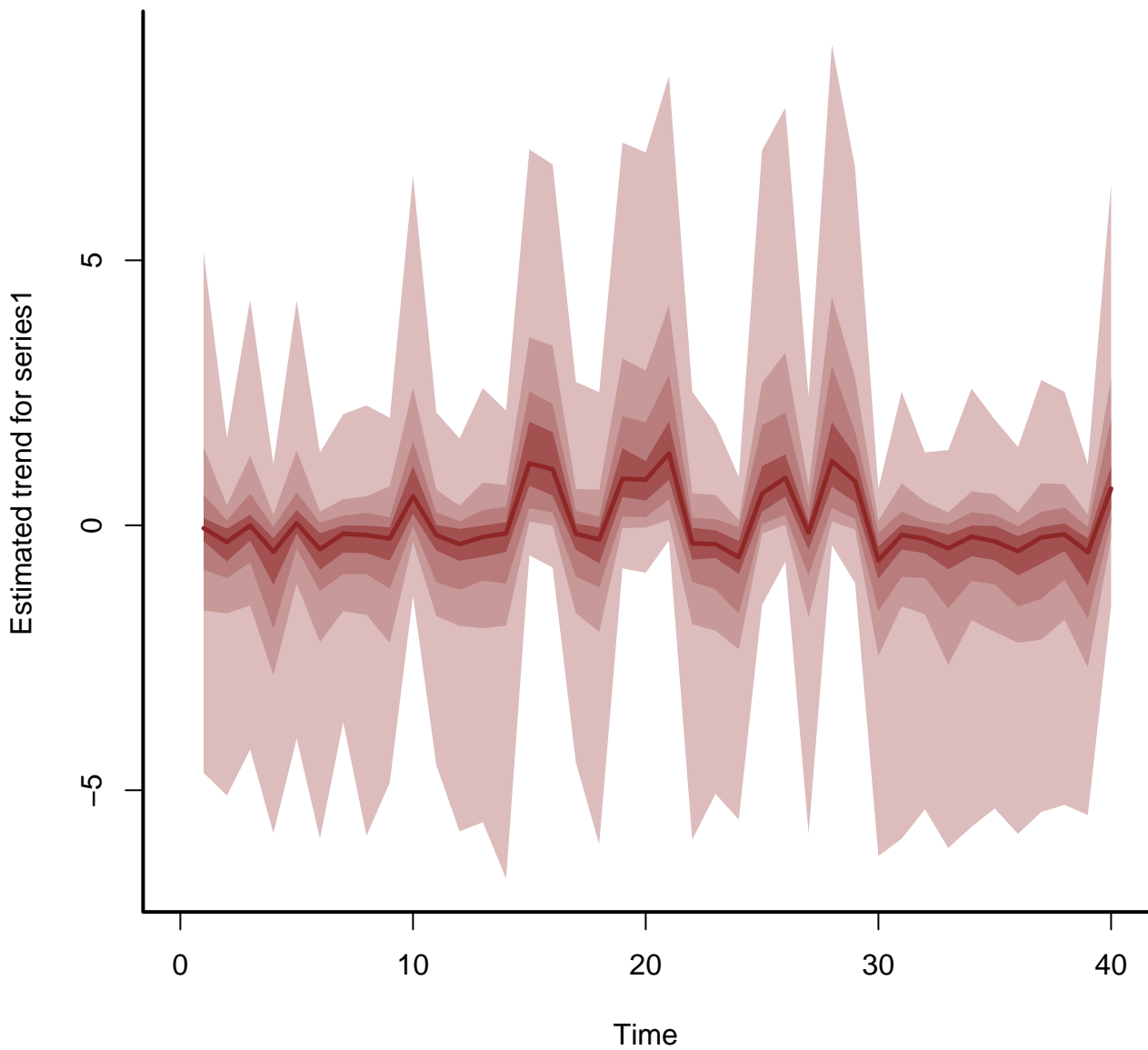


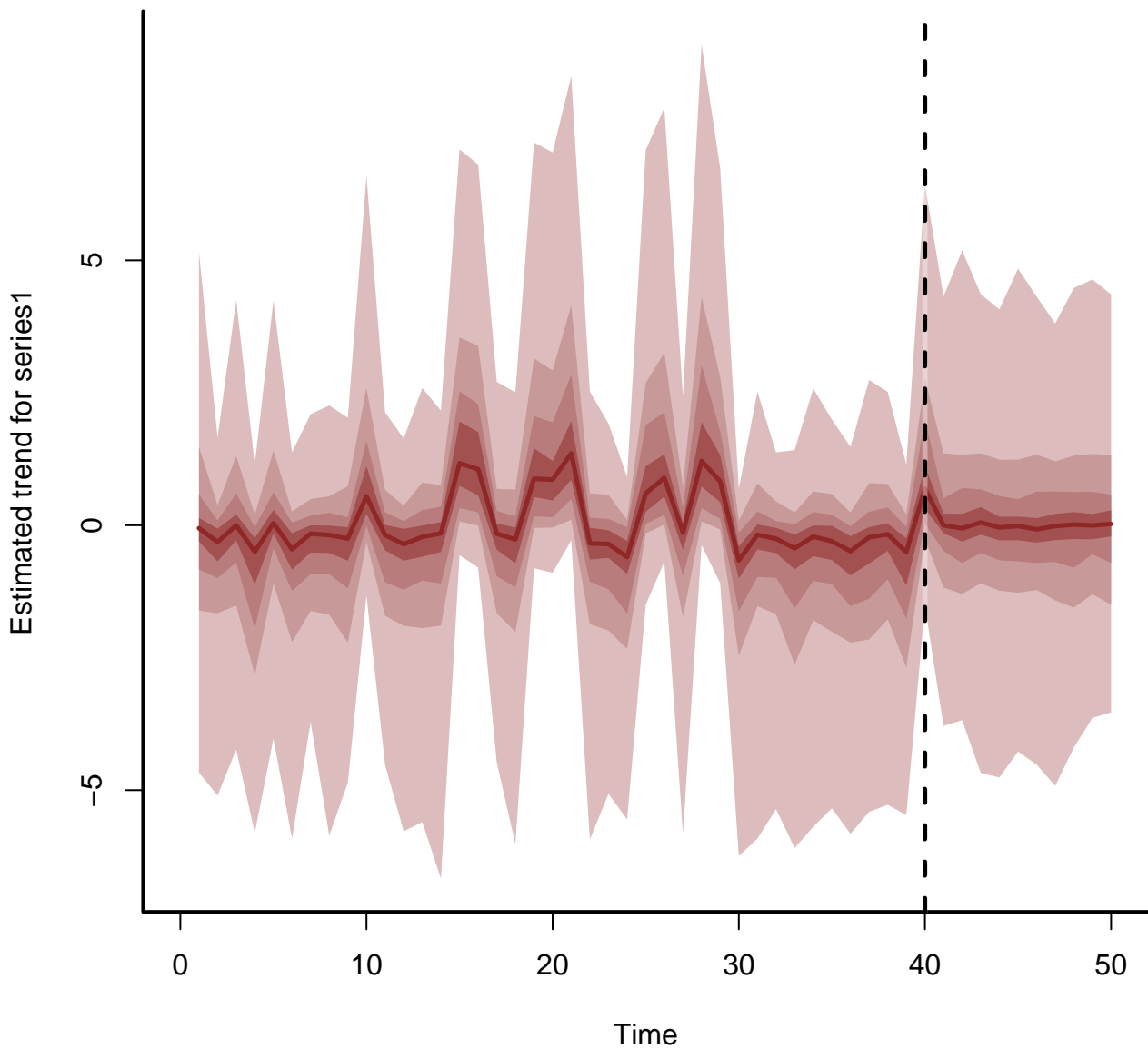




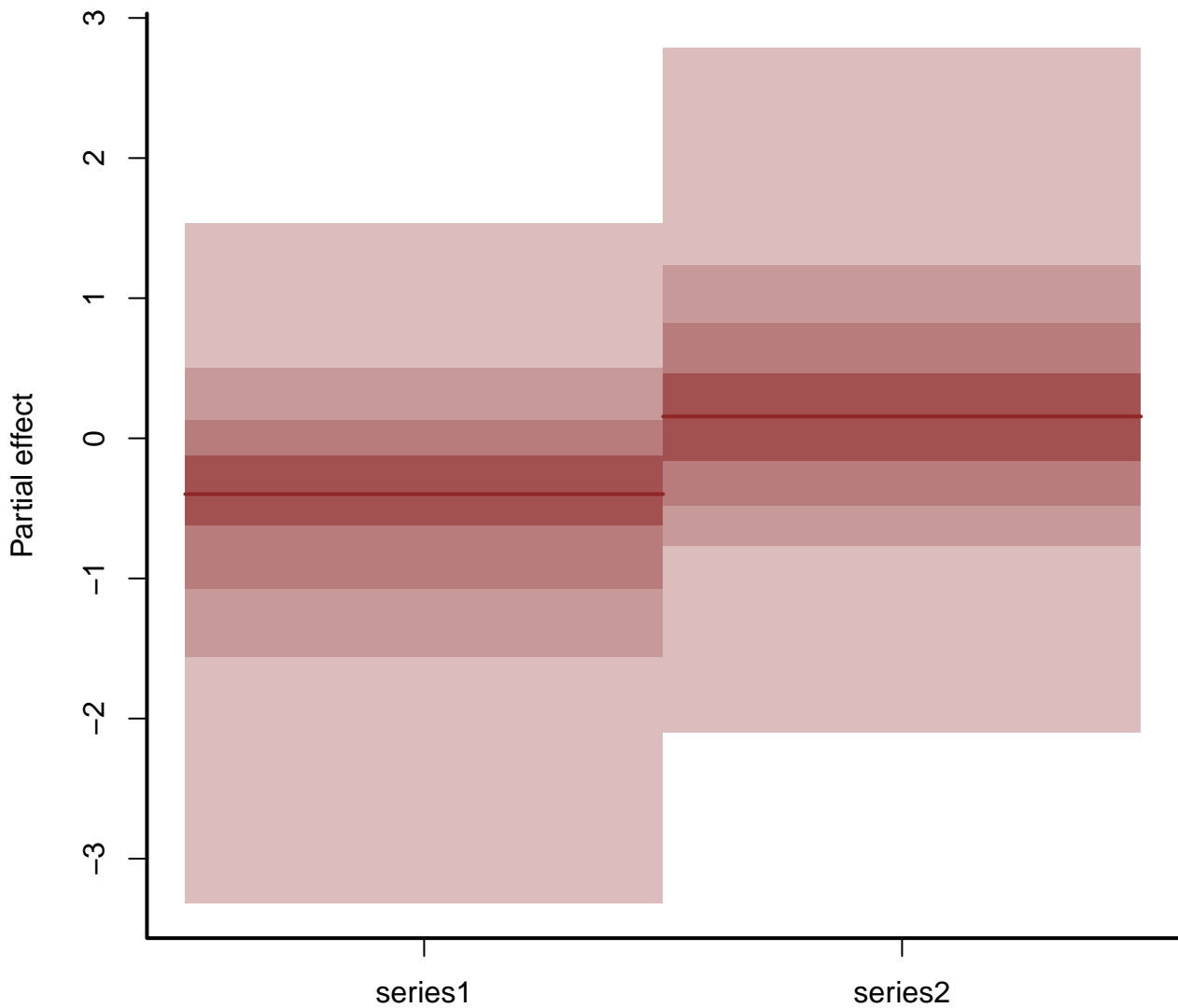
Predictions for series1



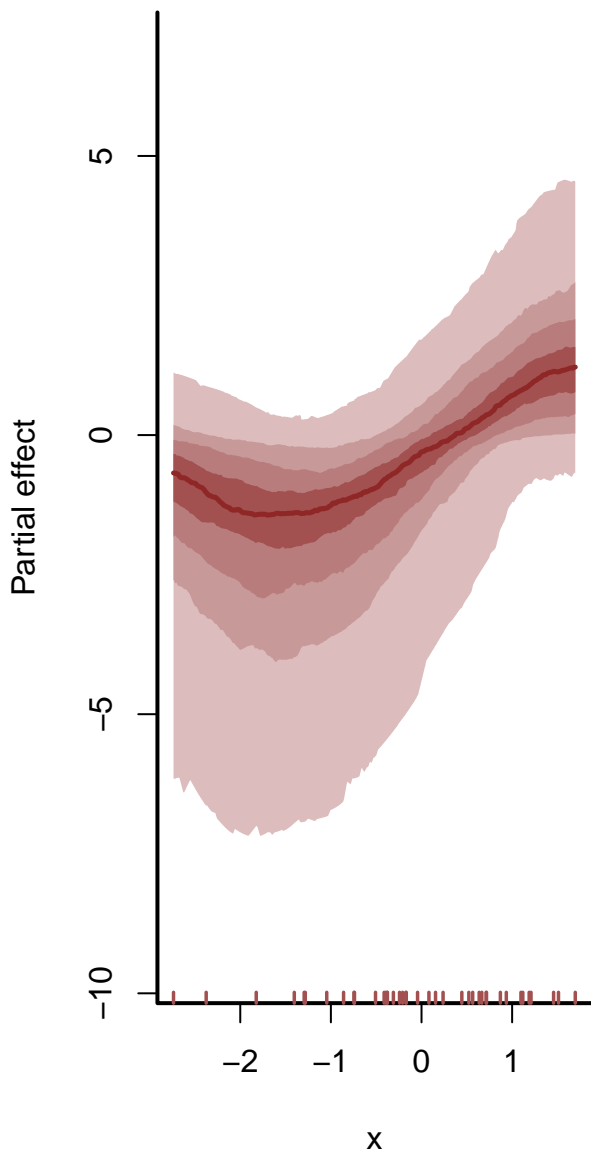




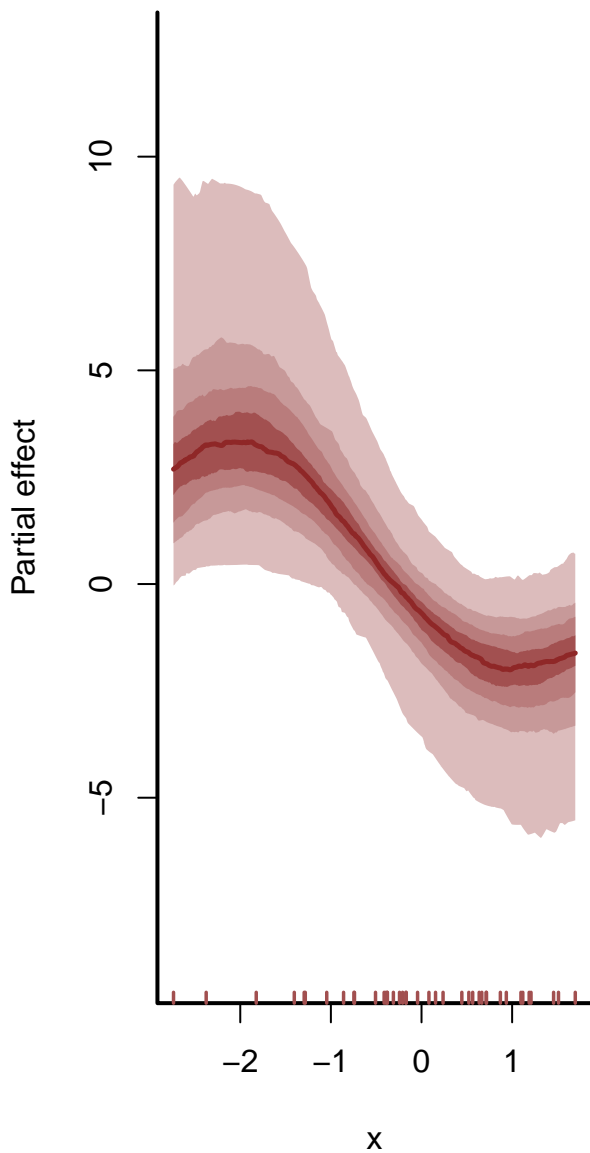
s(series)



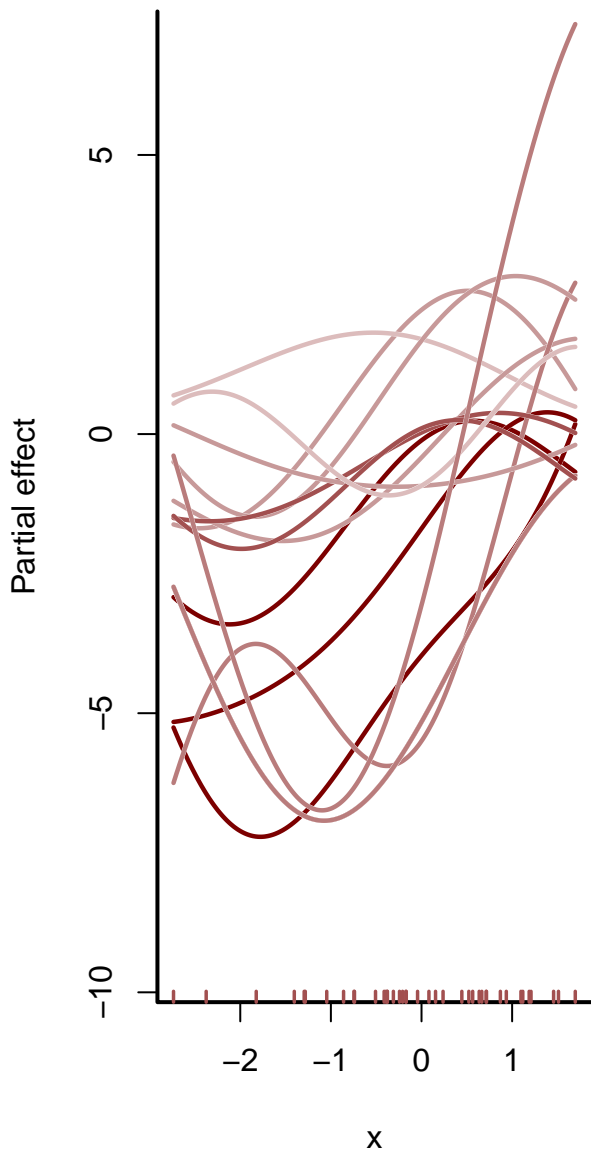
gp(x):series1



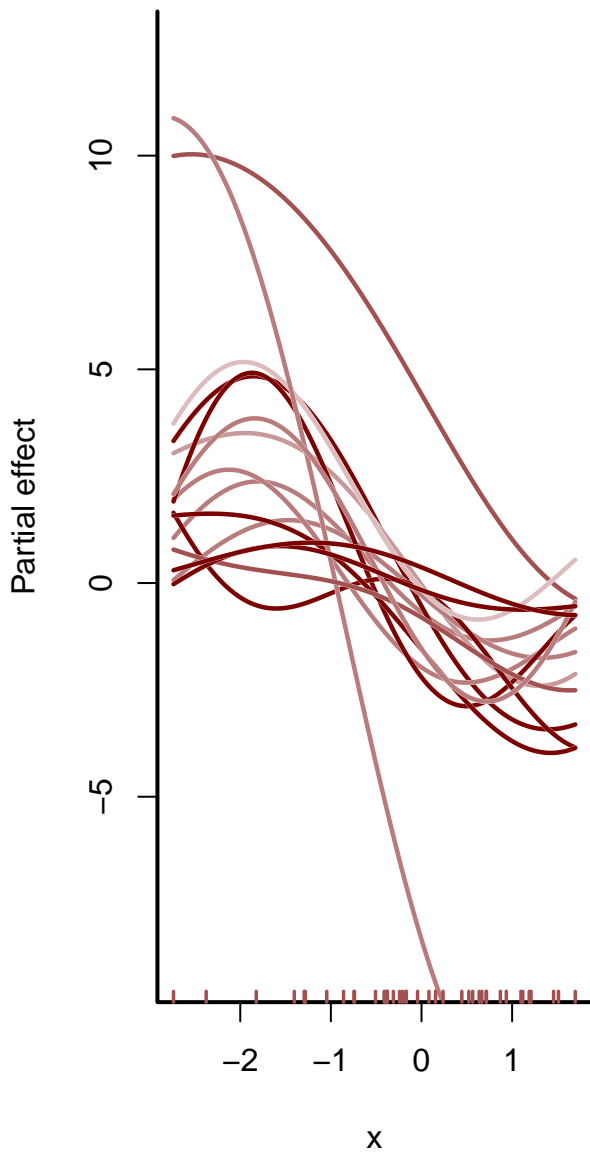
gp(x):series2



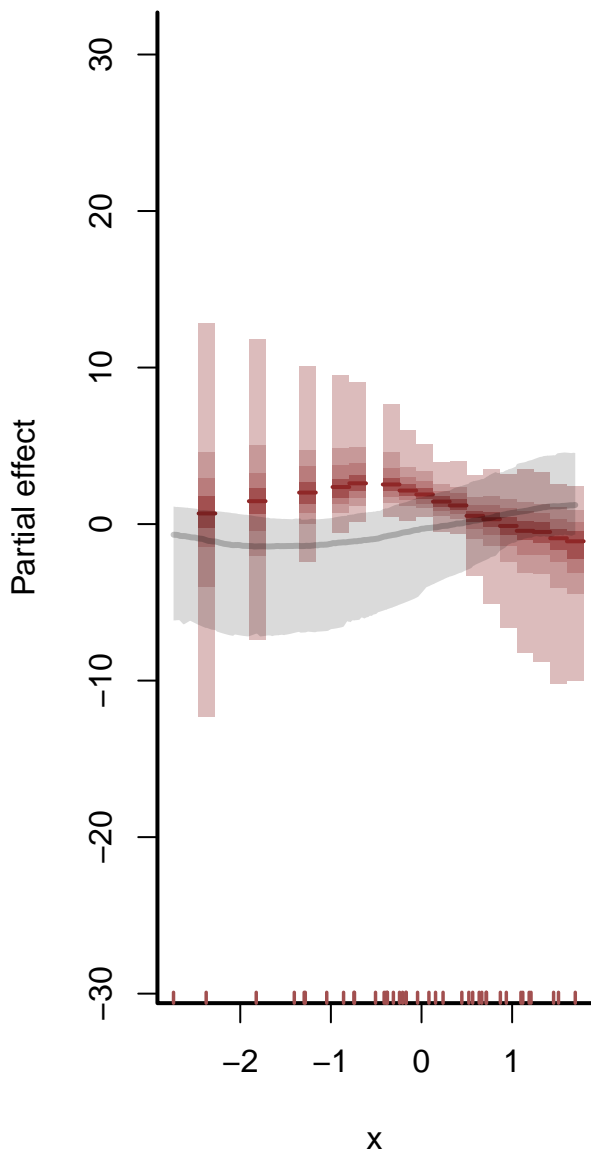
gp(x):series1



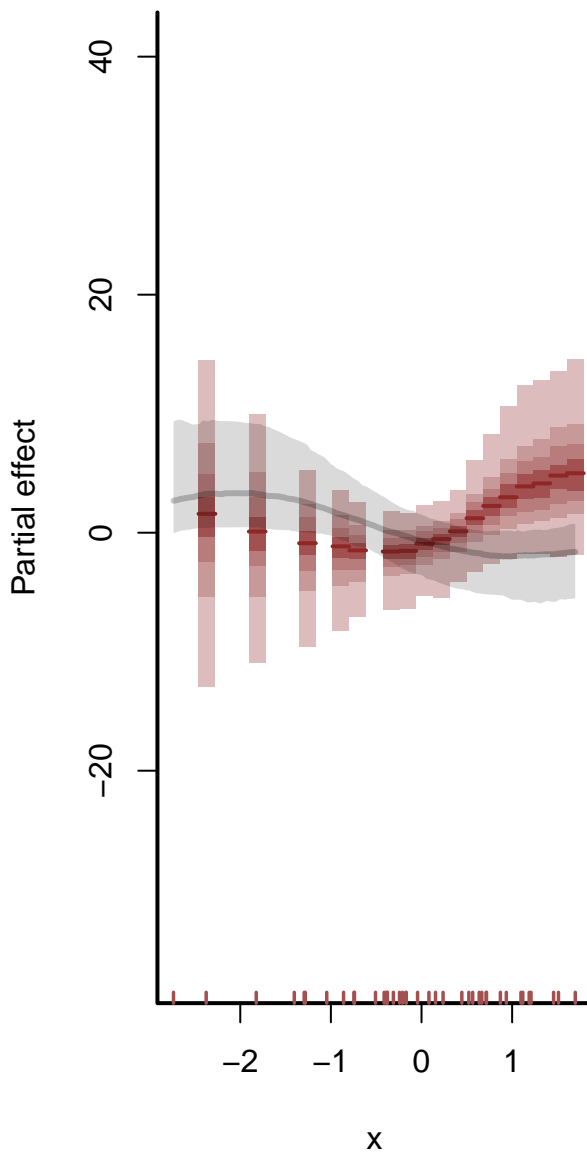
gp(x):series2



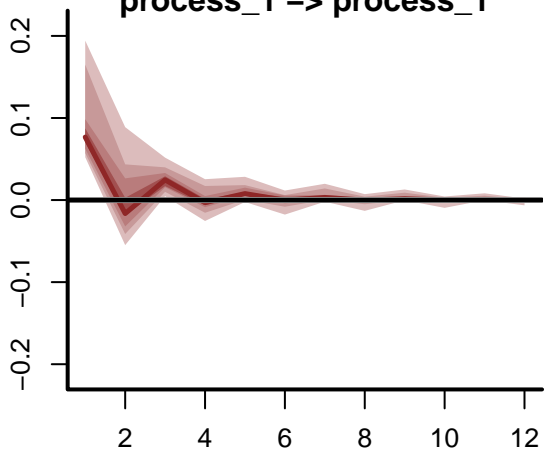
gp(x):series1



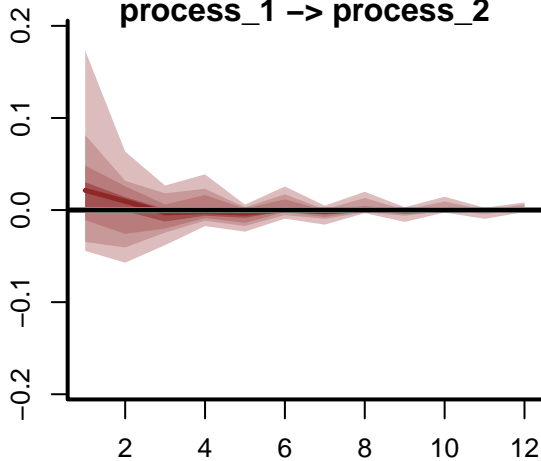
gp(x):series2



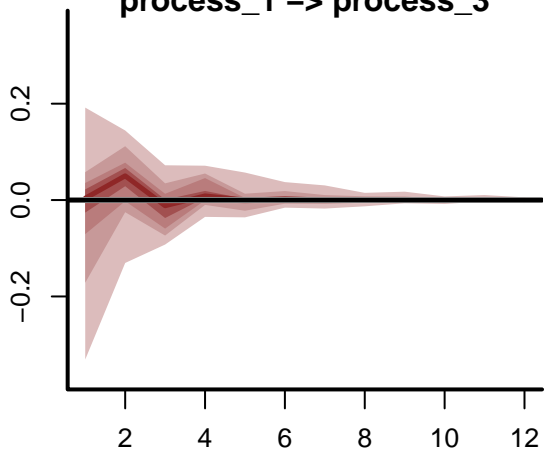
process_1 -> process_1

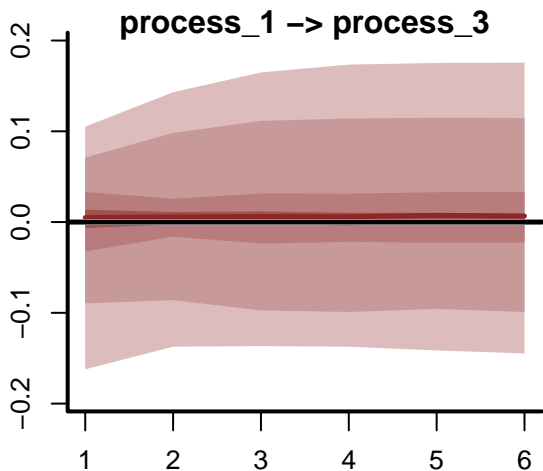
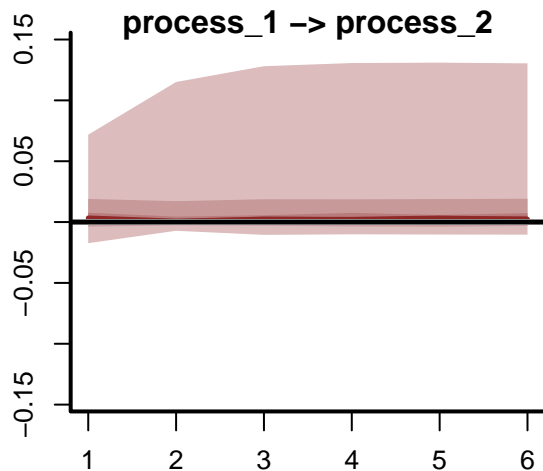
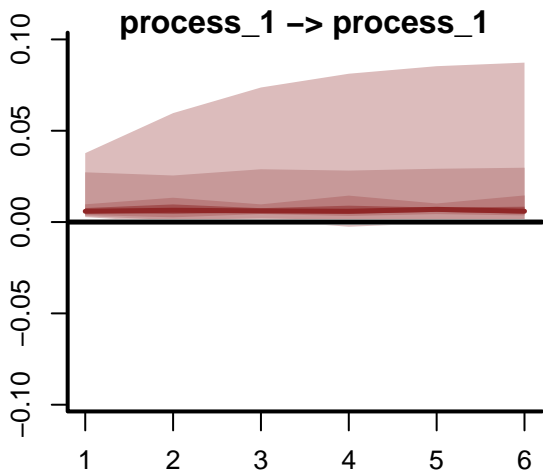


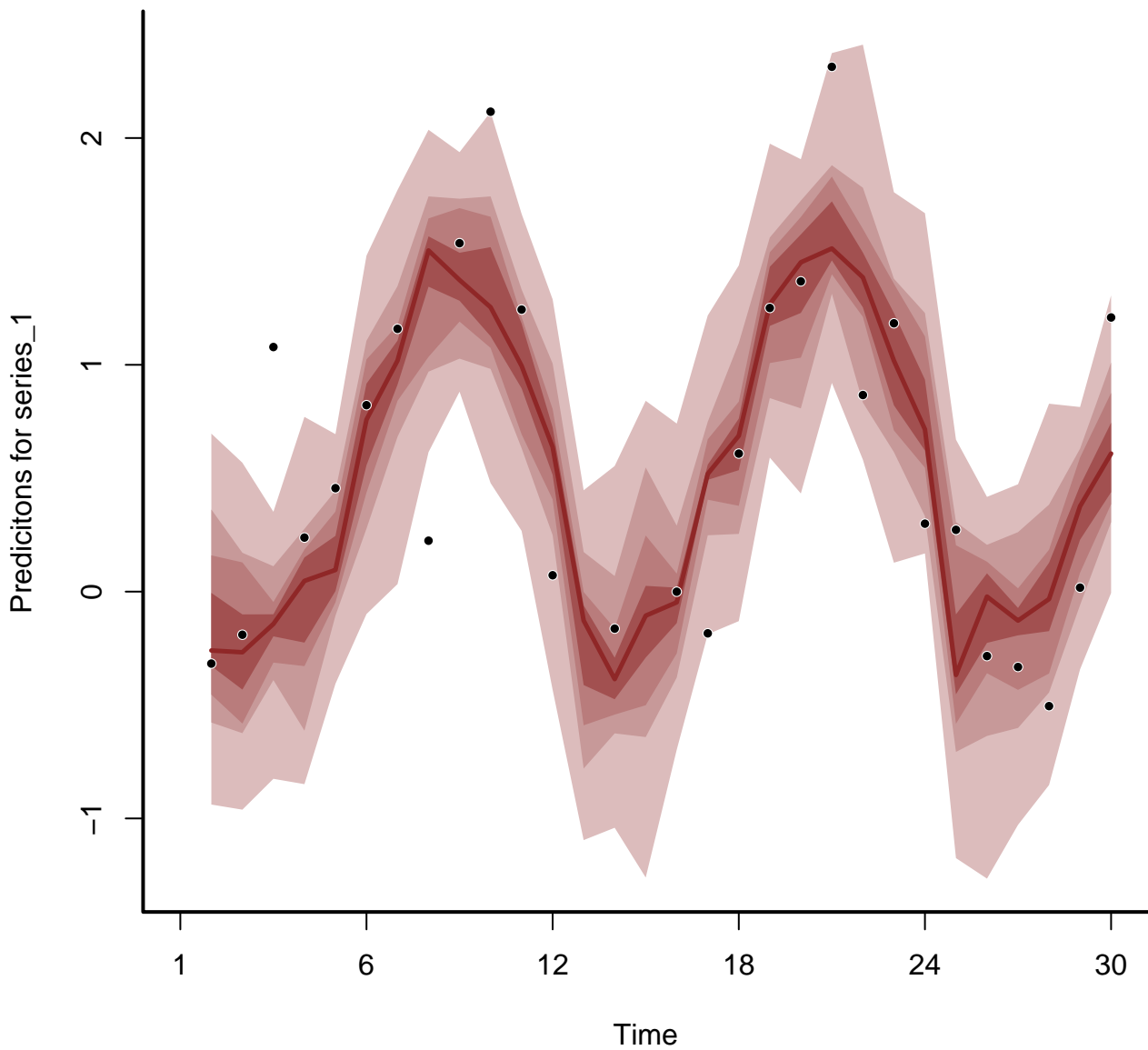
process_1 -> process_2

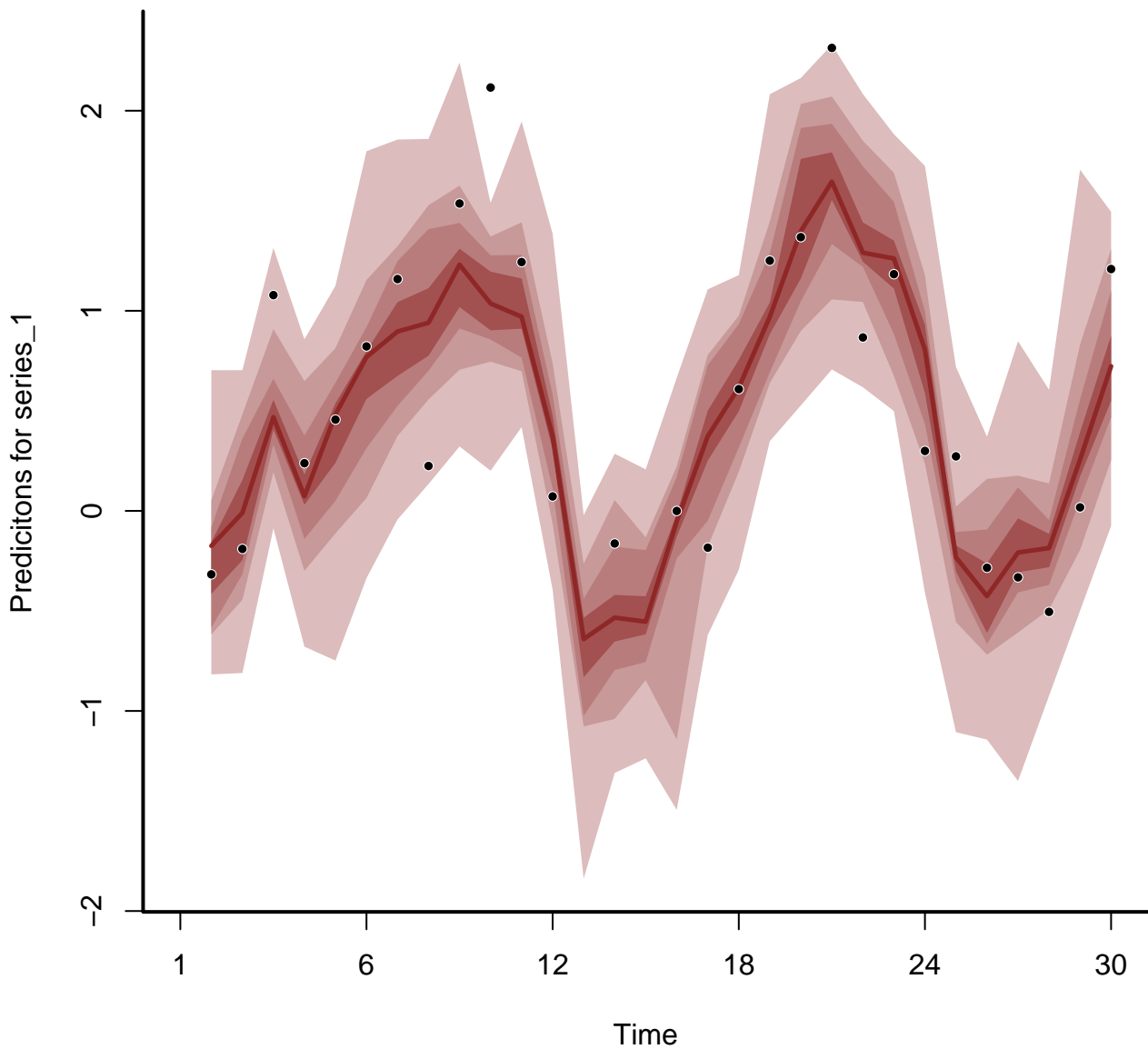


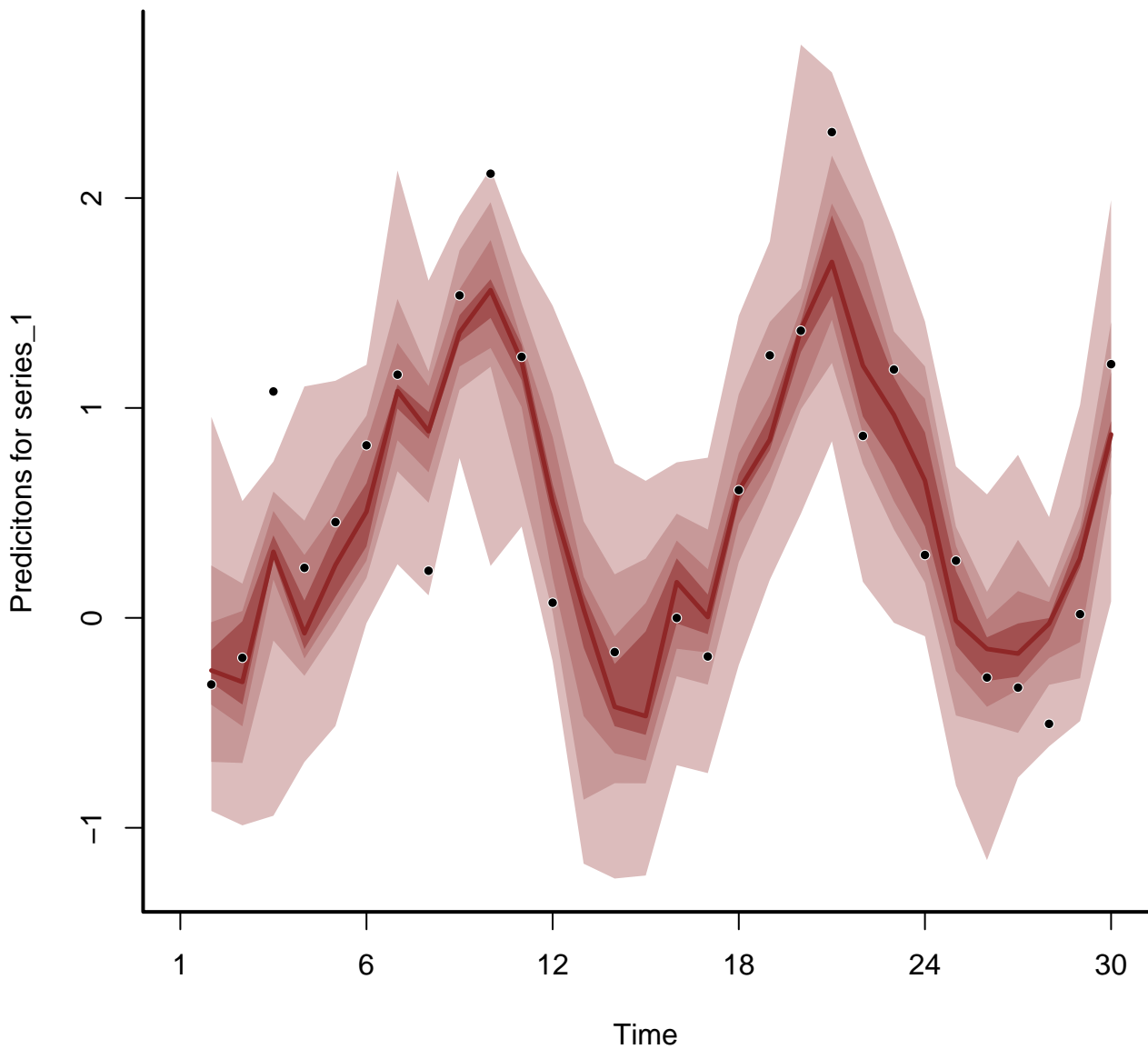
process_1 -> process_3



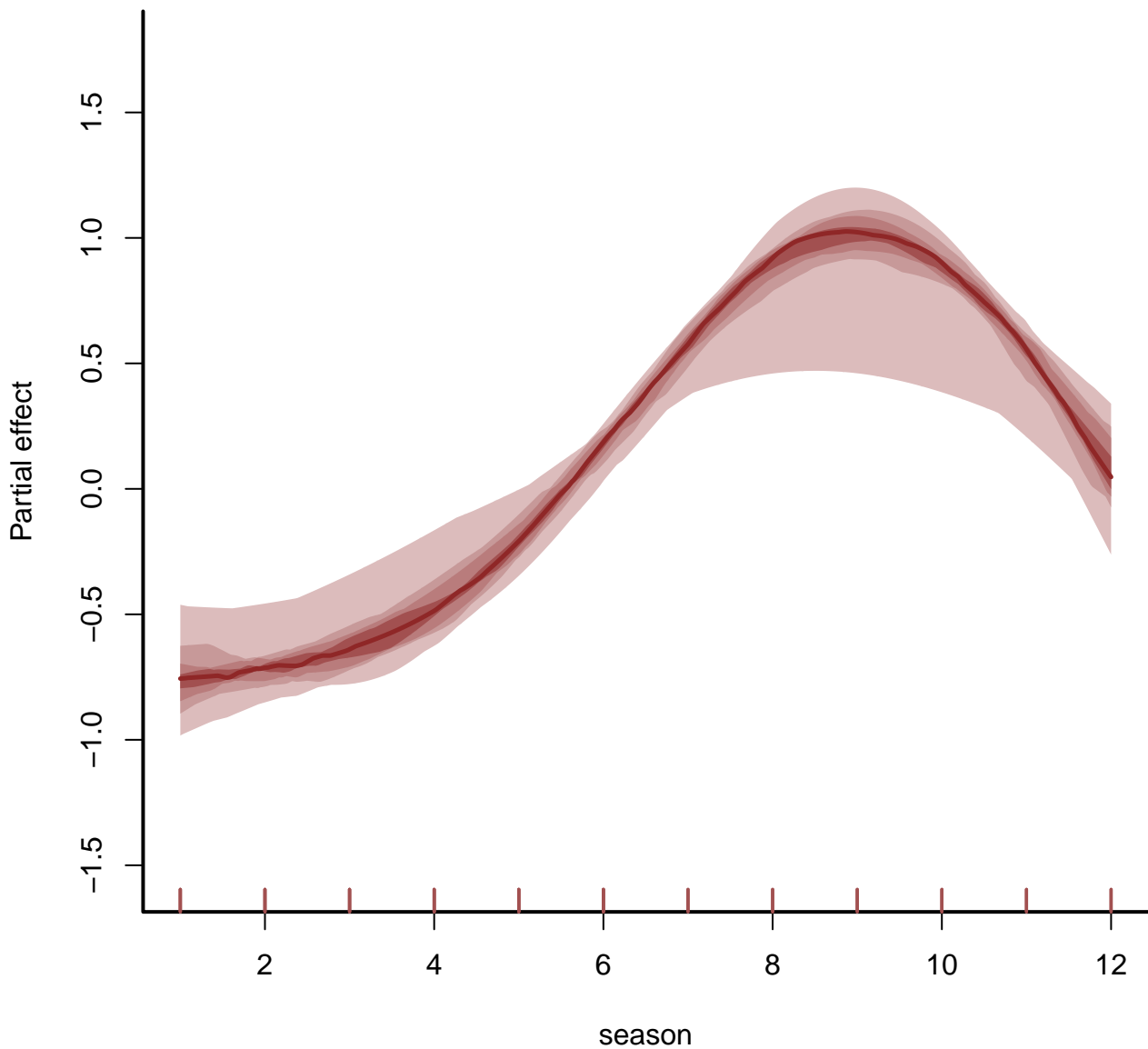




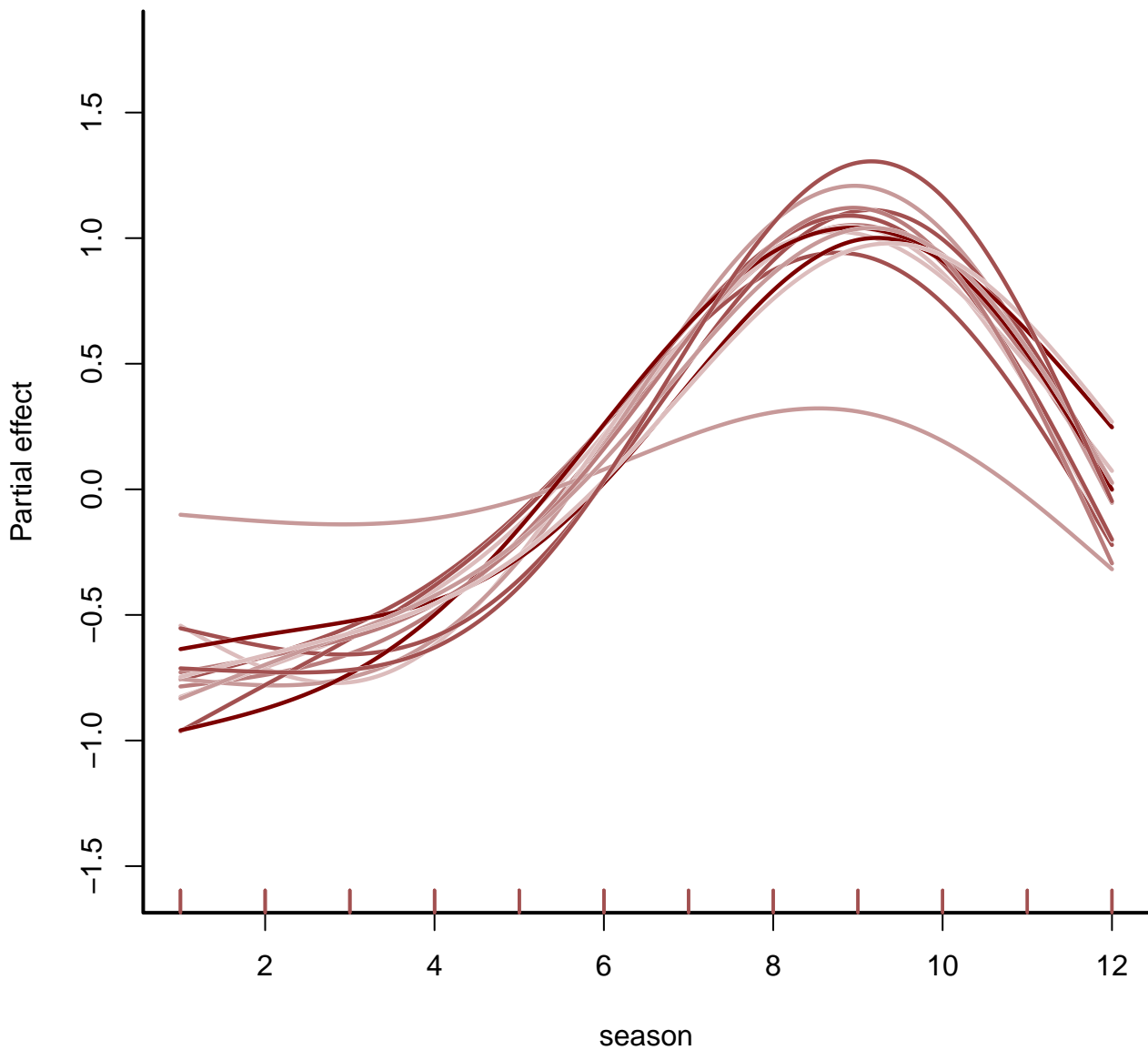




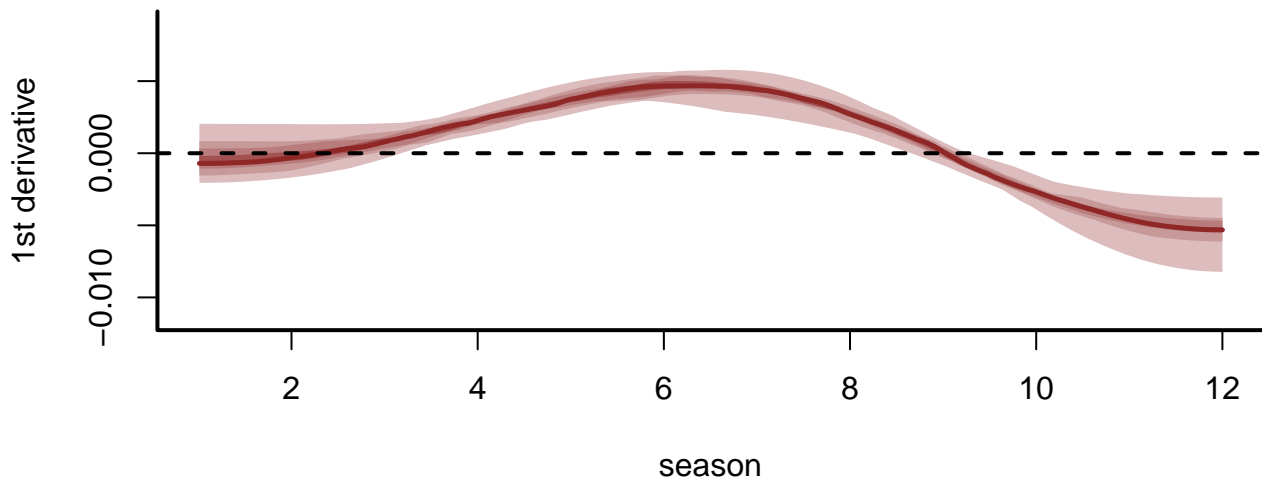
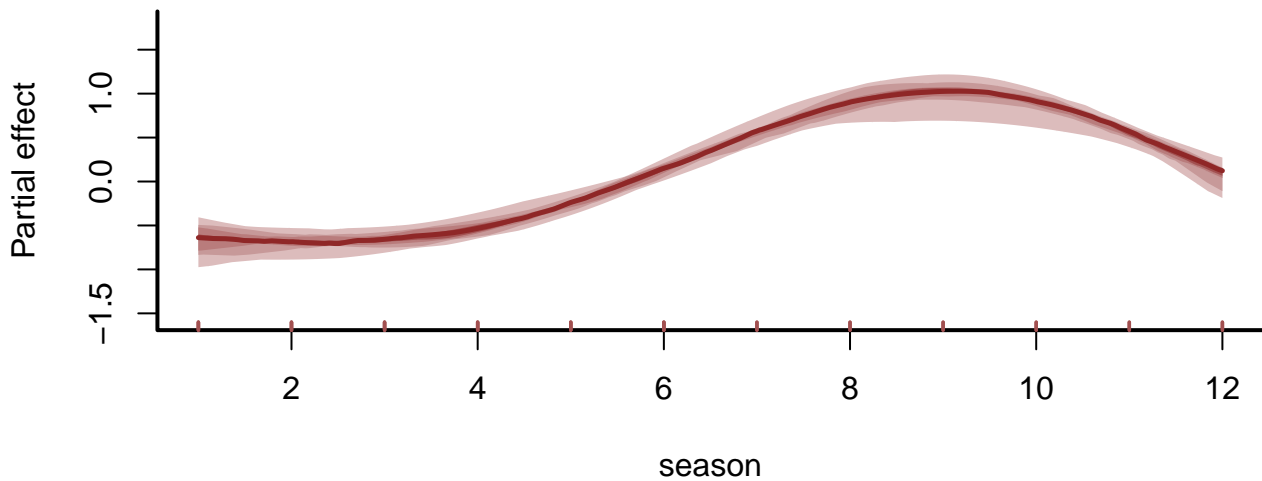
s(season)



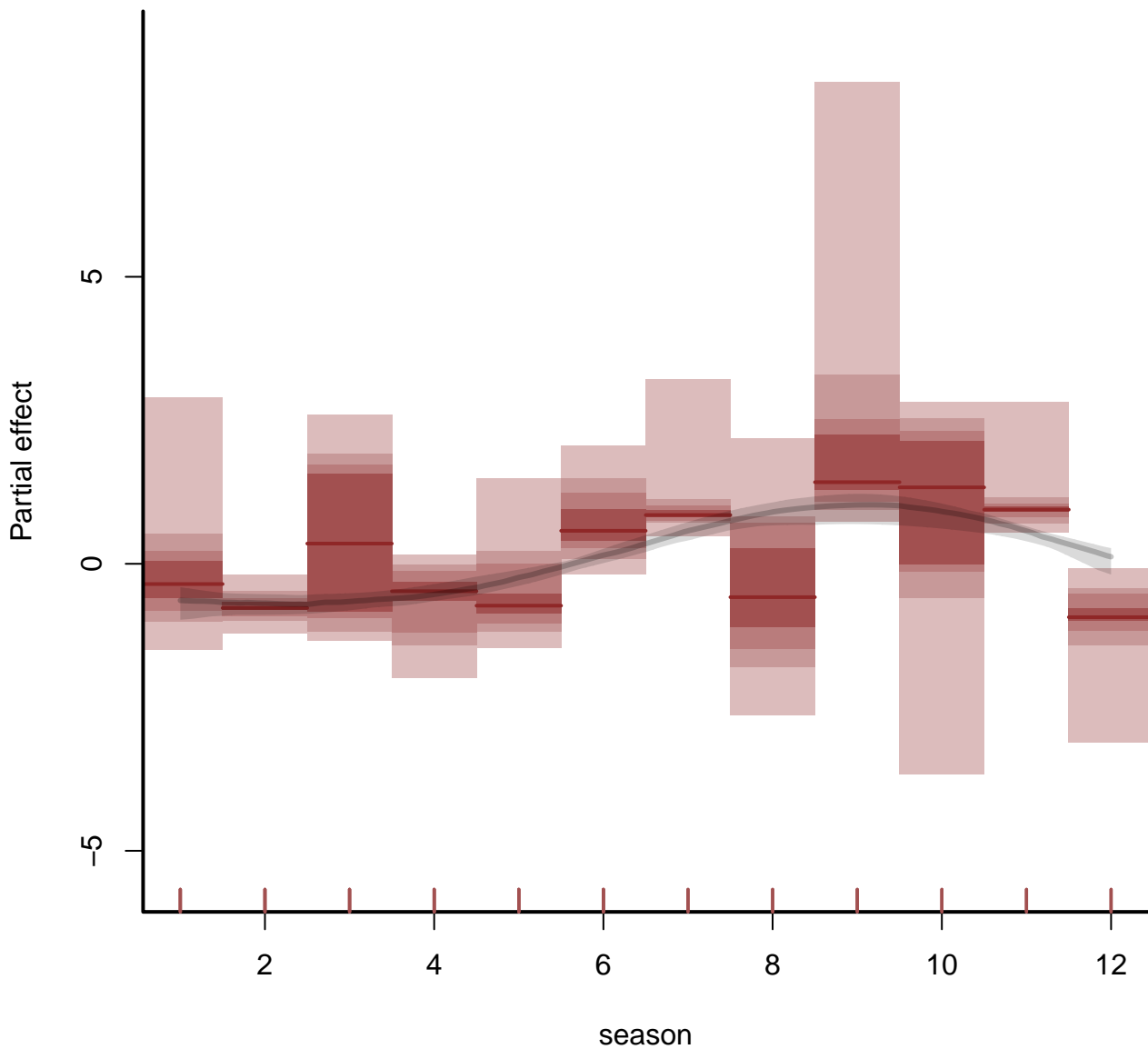
s(season)



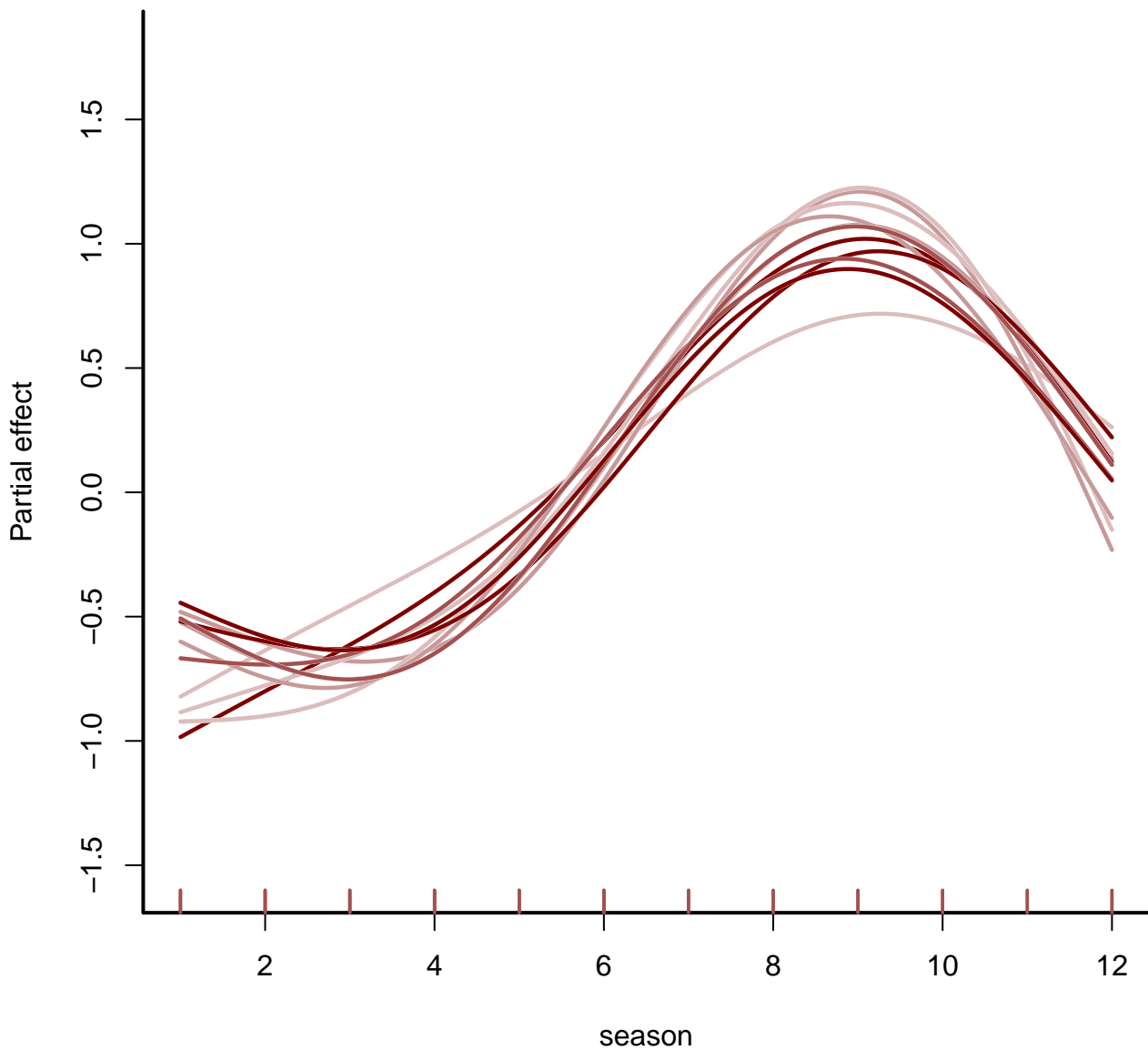
s(season)



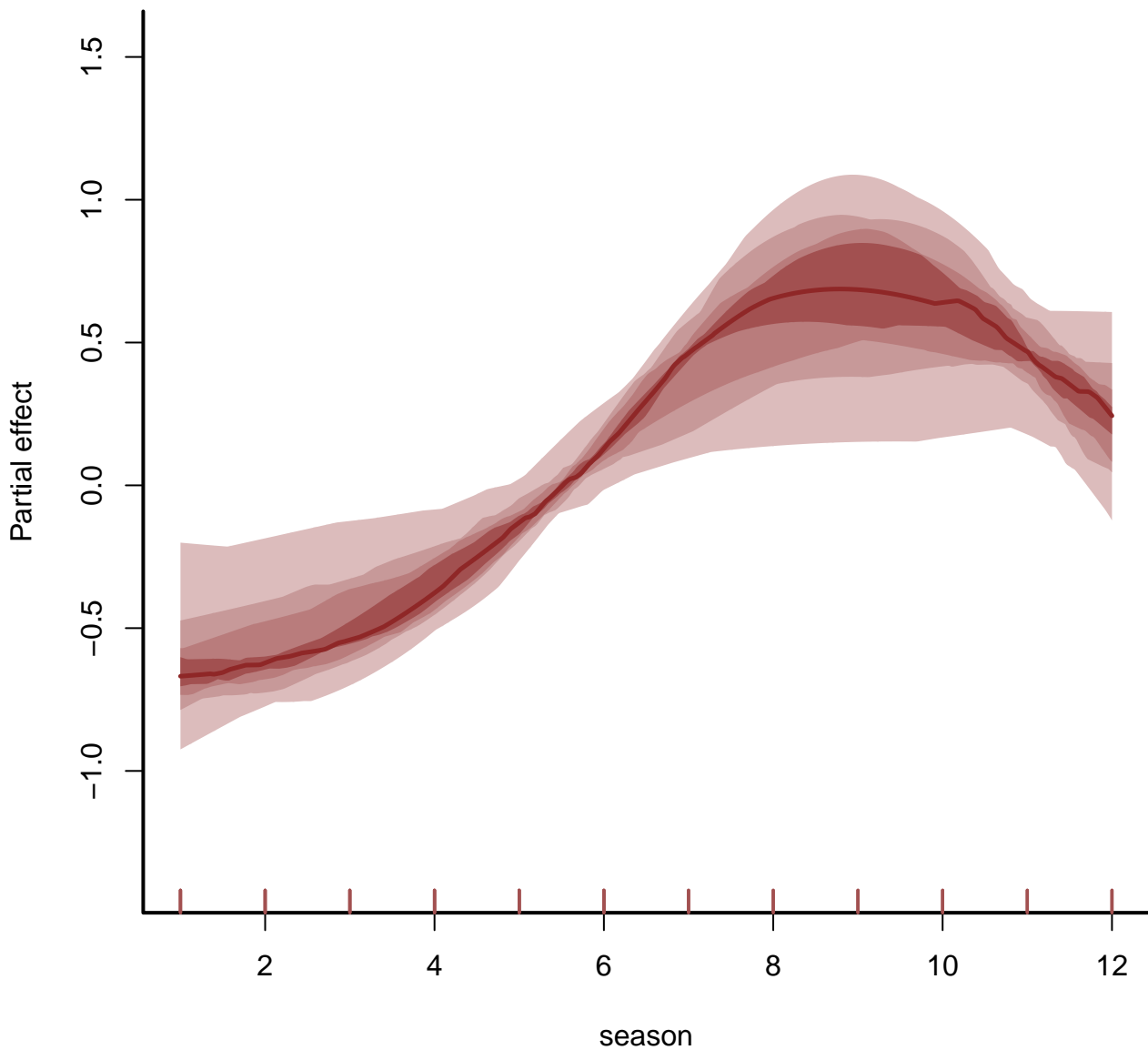
s(season)



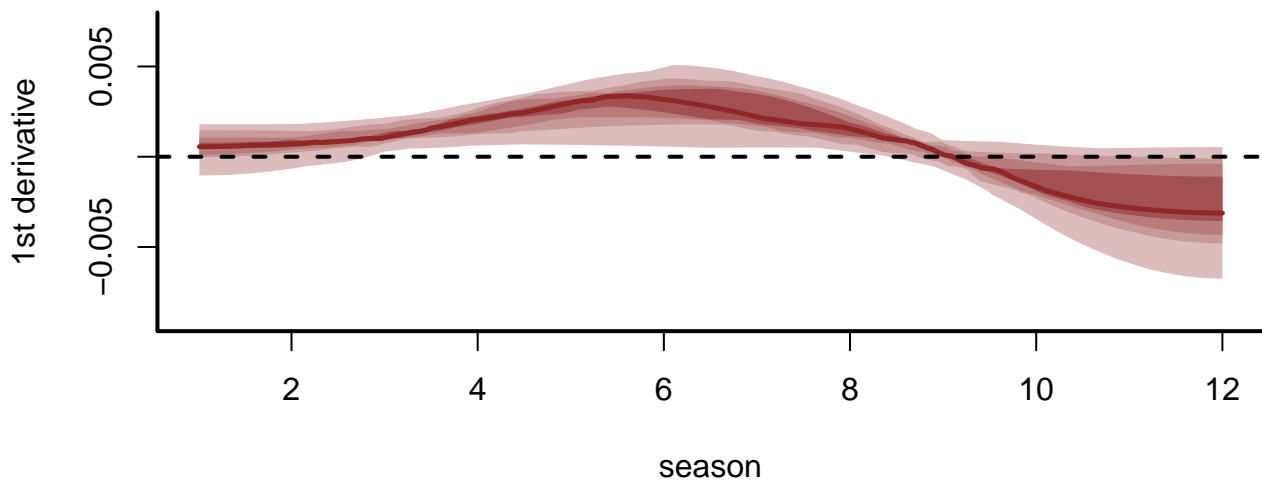
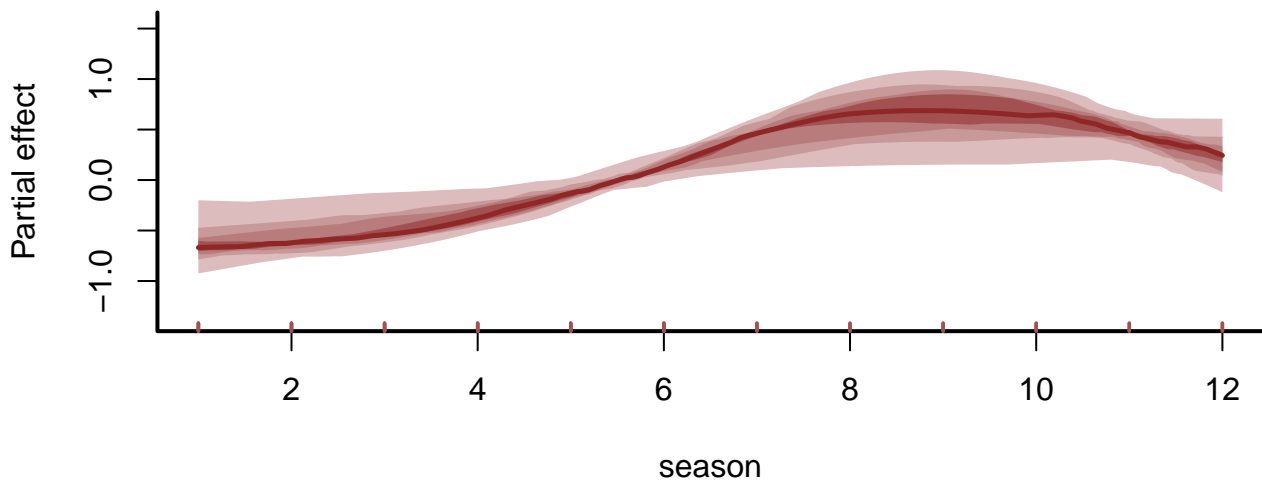
s(season)



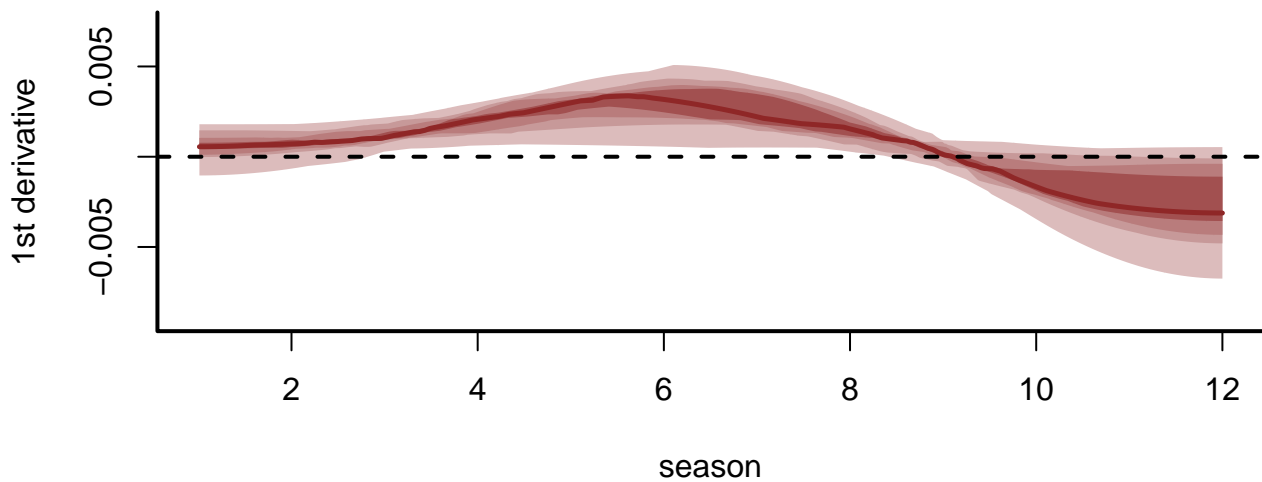
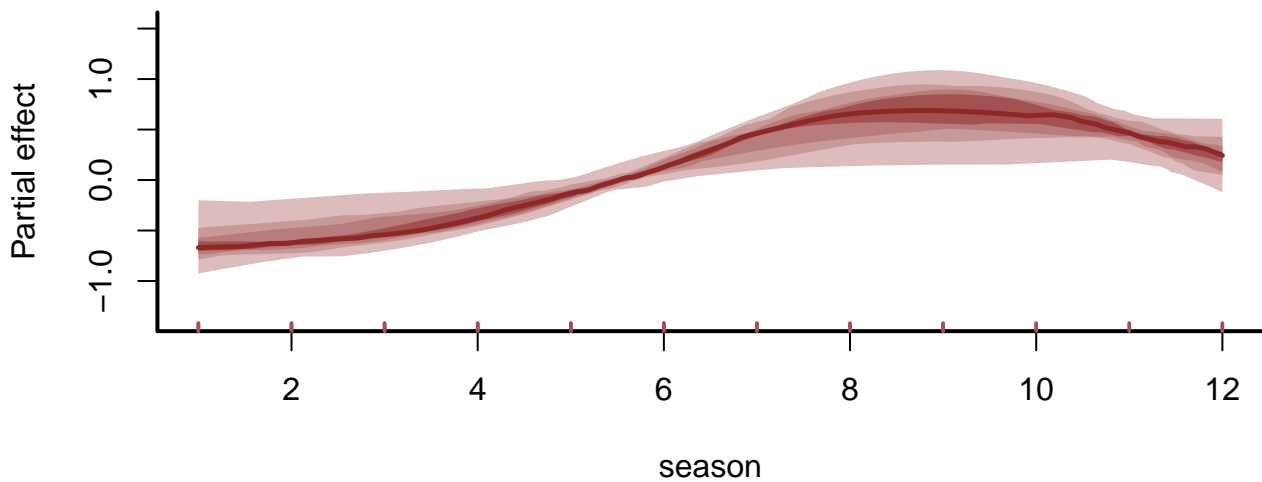
s(season)



s(season)

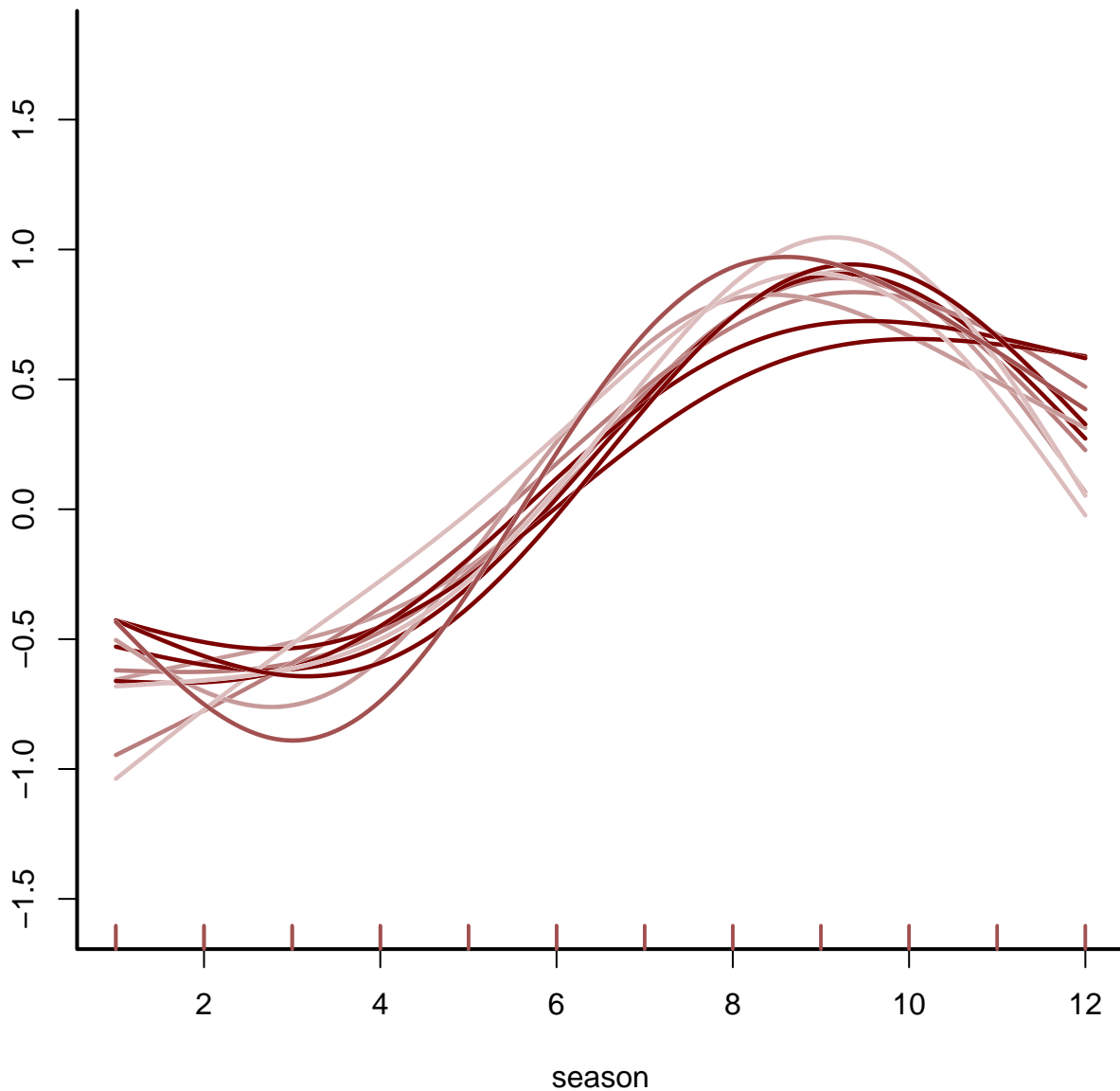


s(season)

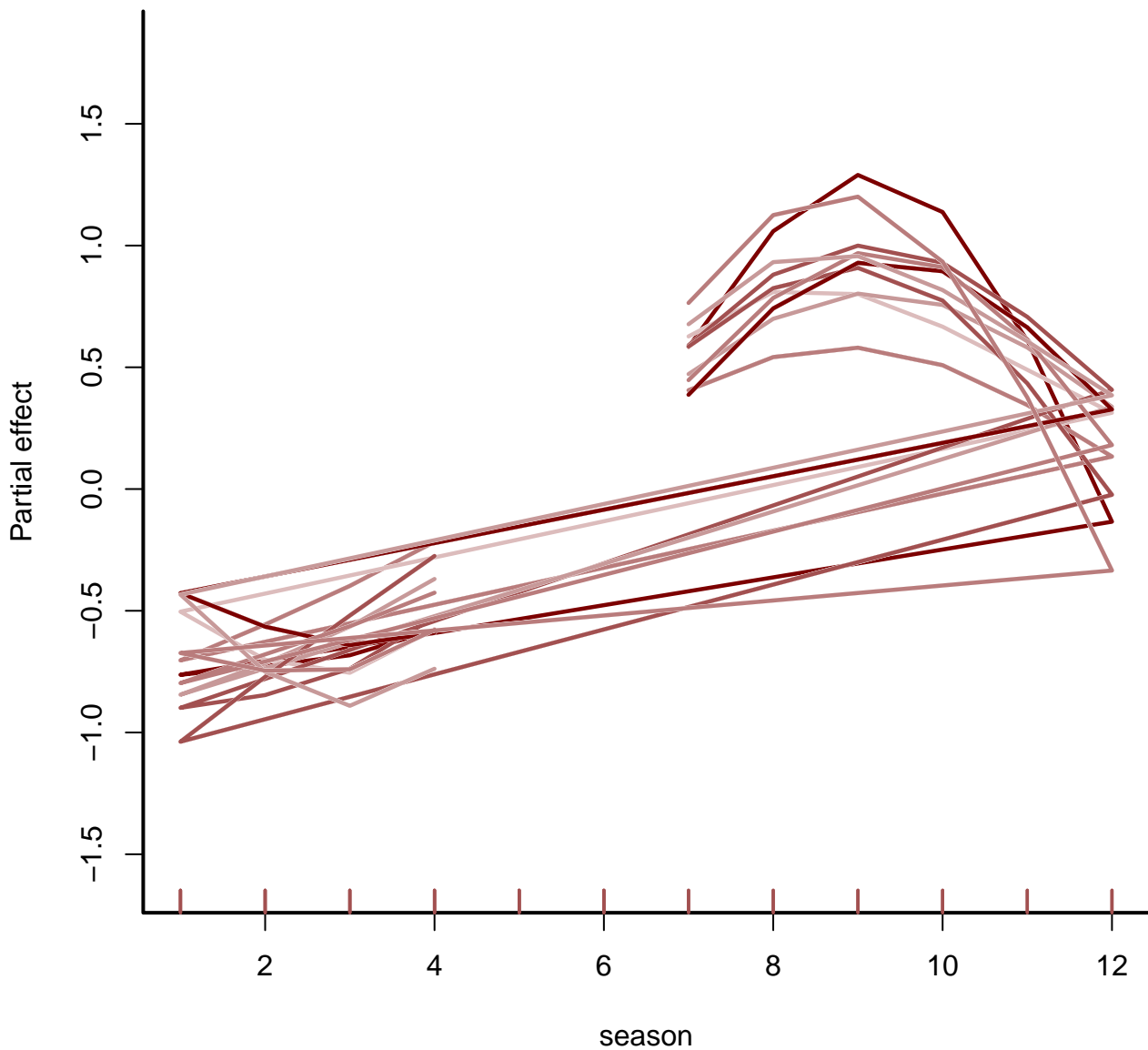


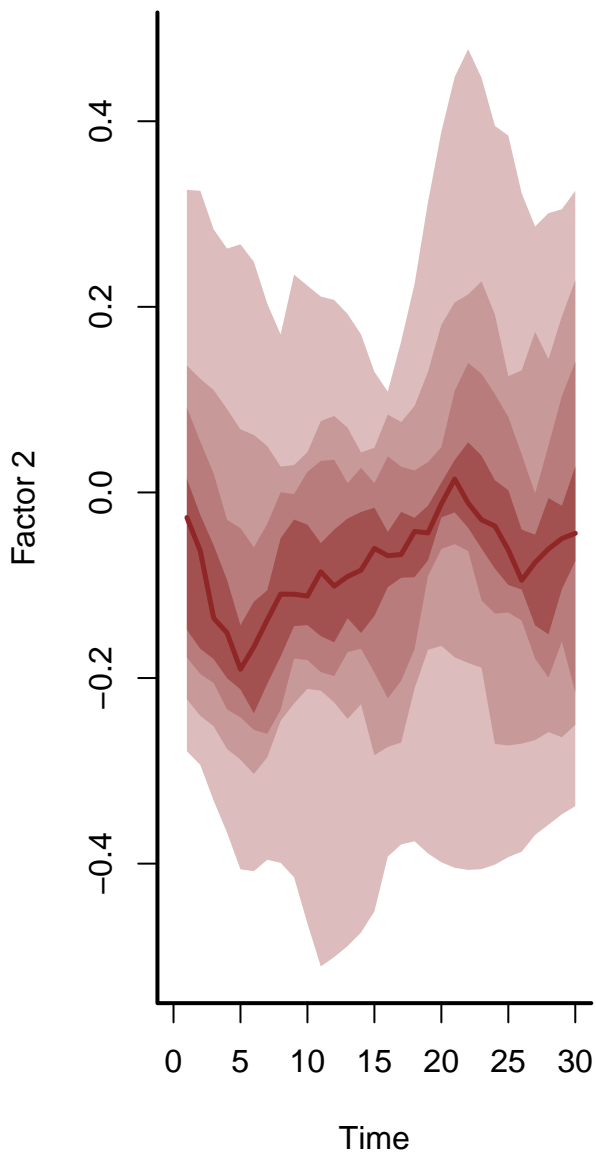
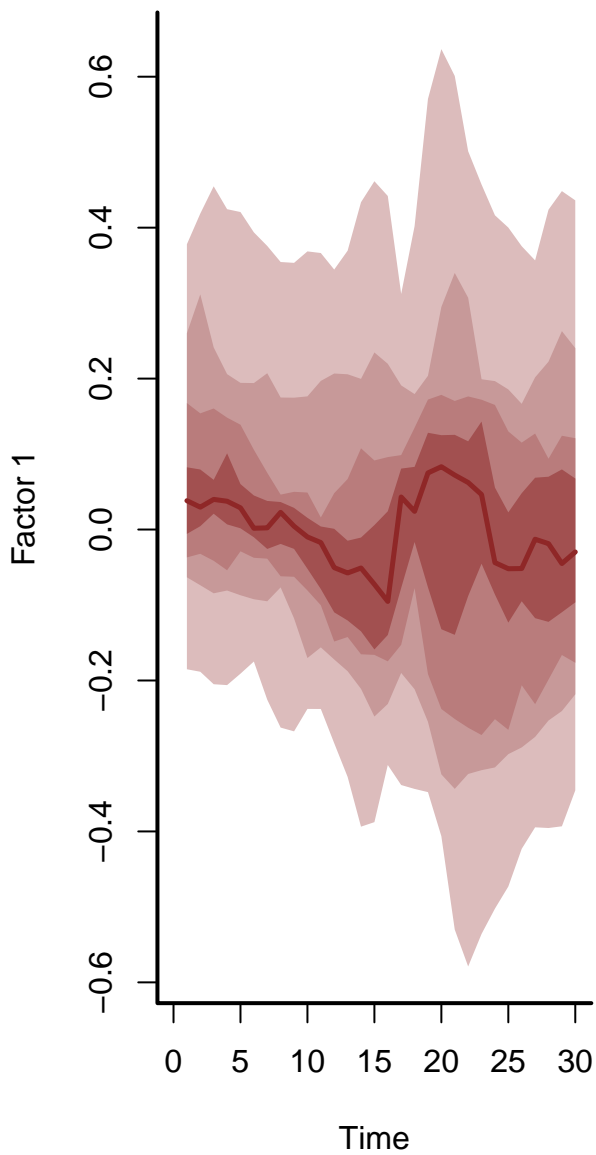
s(season)

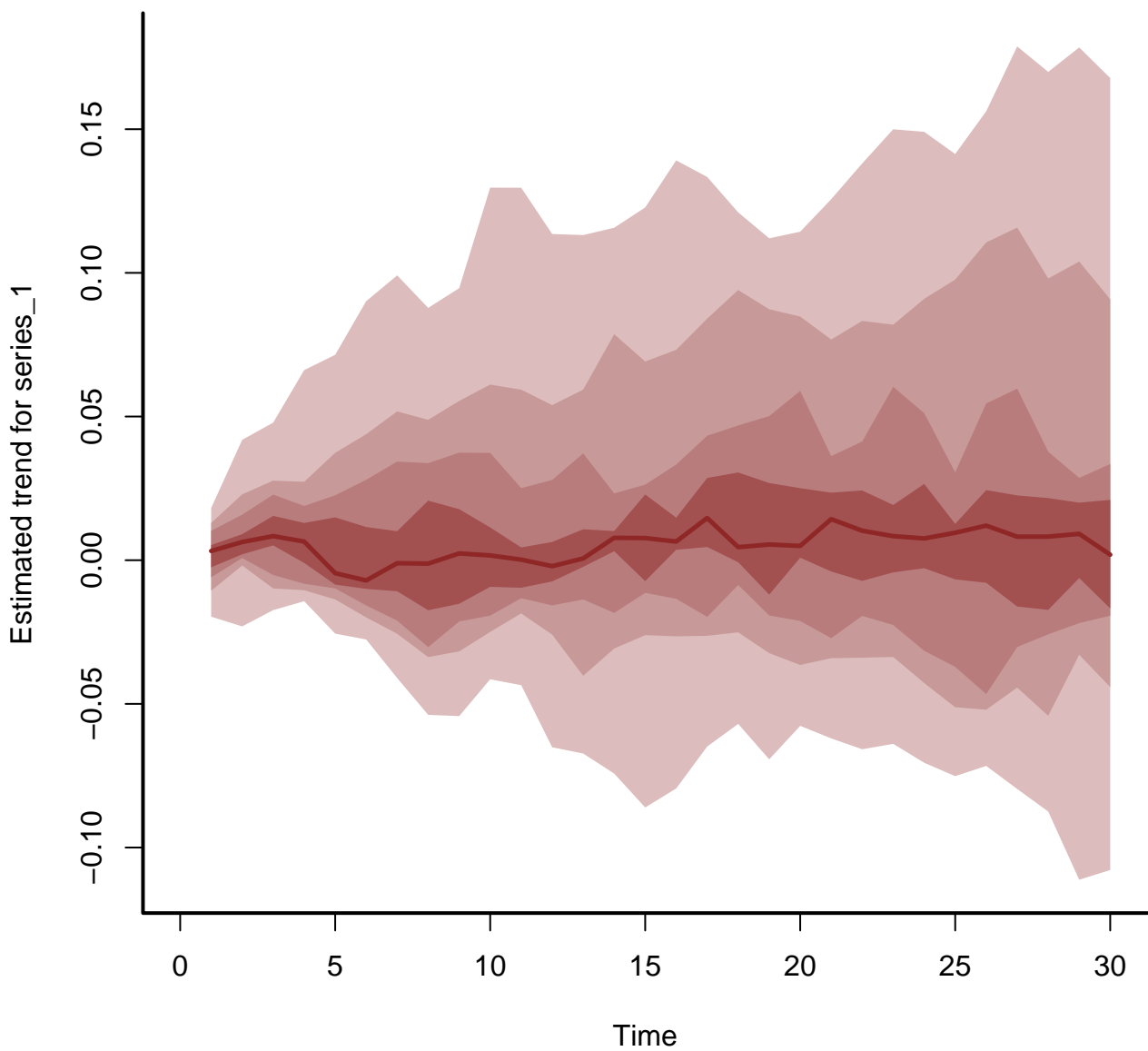
Partial effect

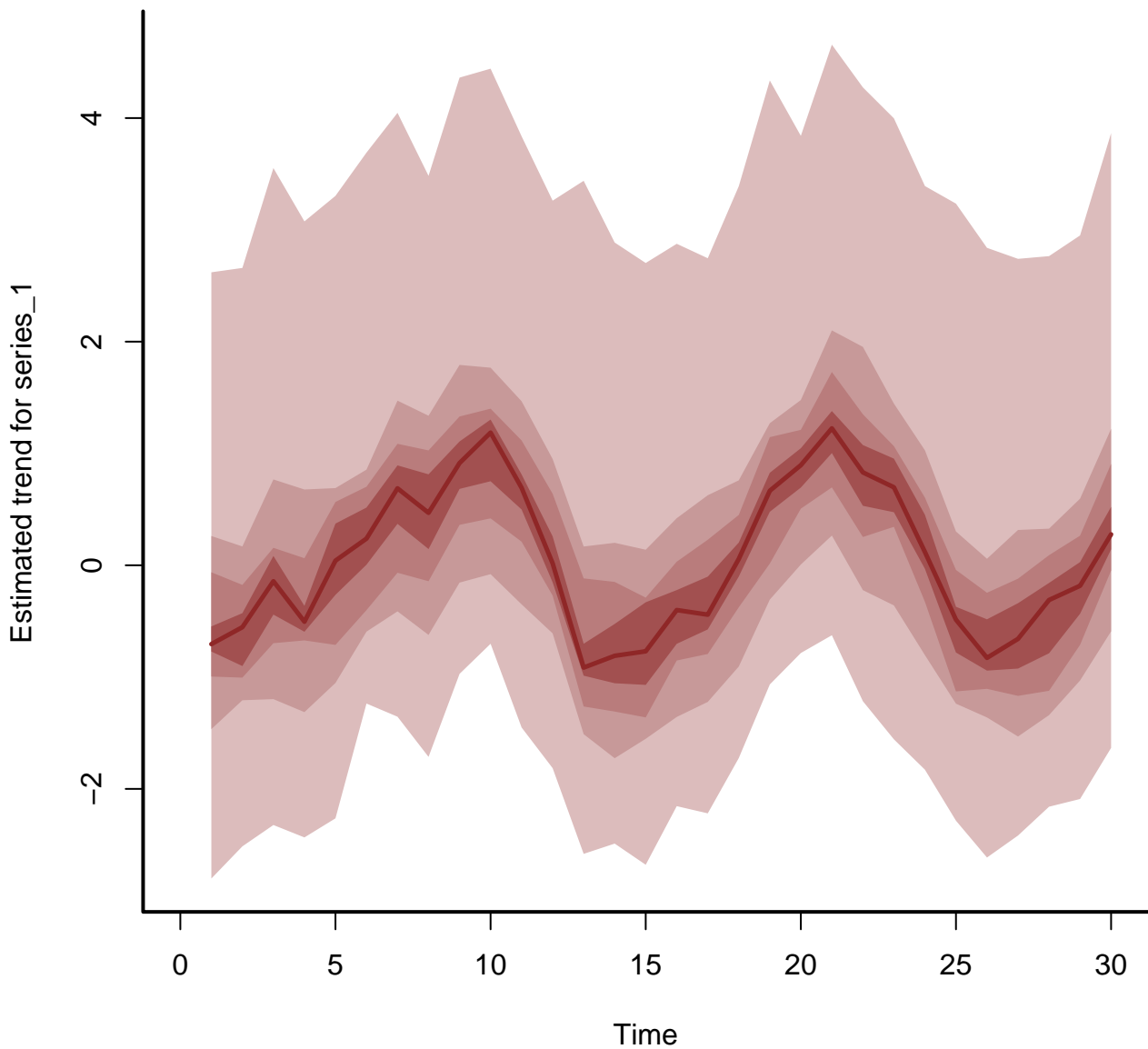


s(season)

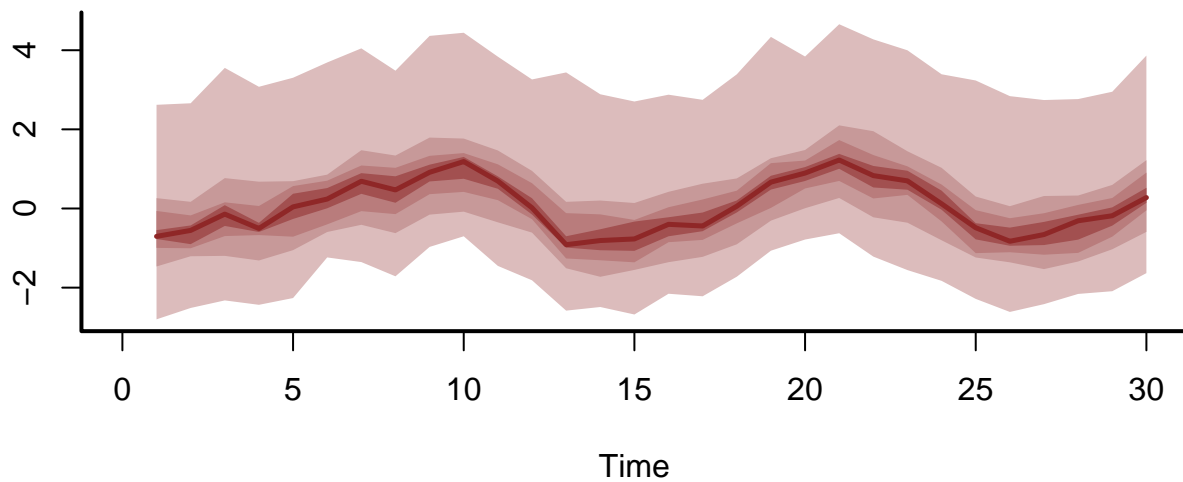




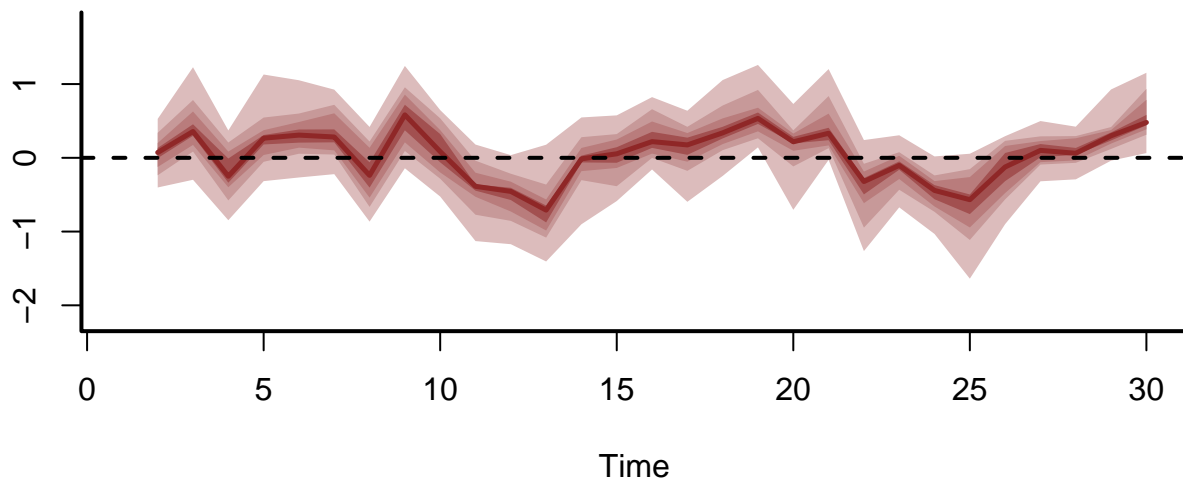


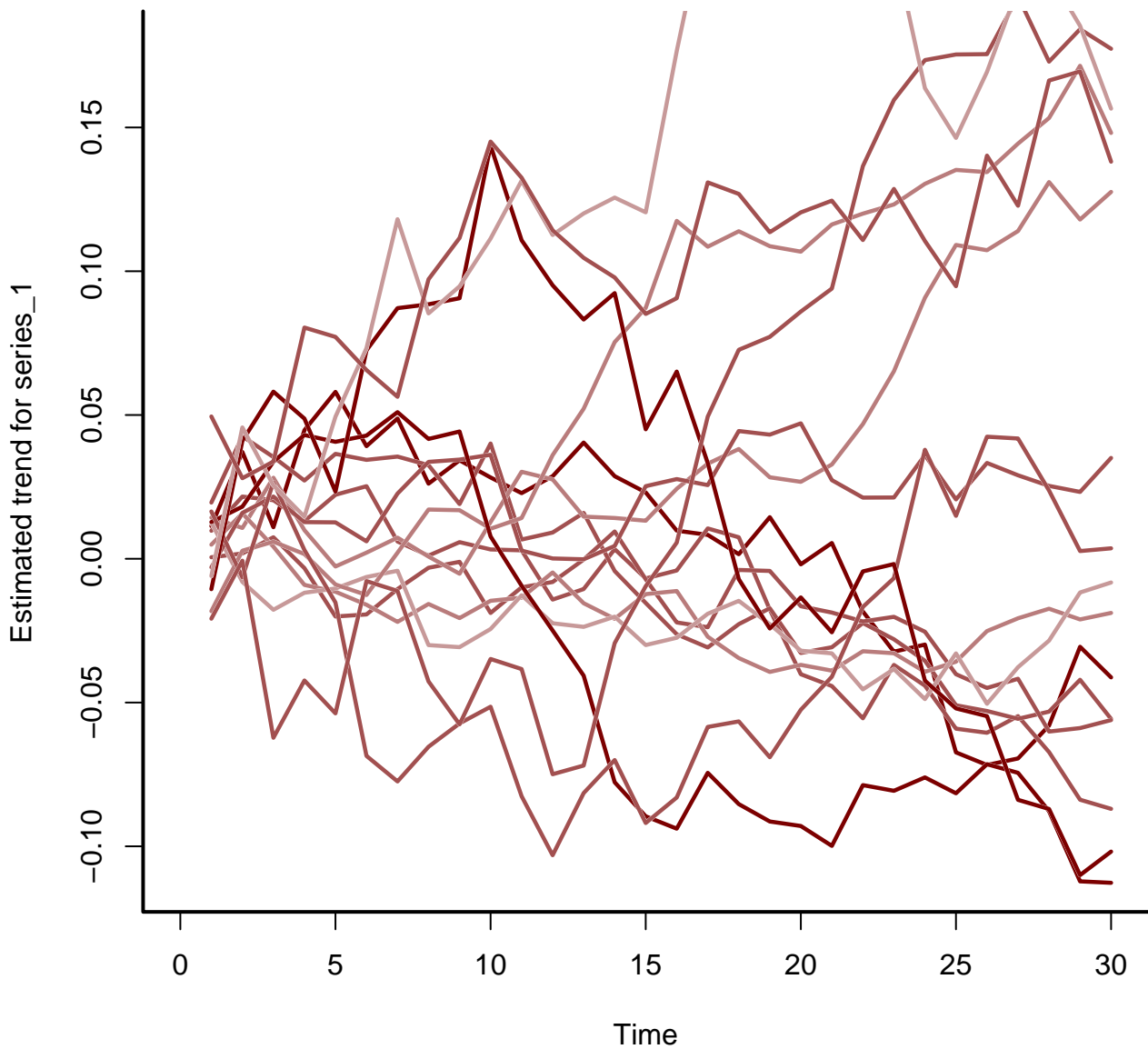


Estimated trend for series_1

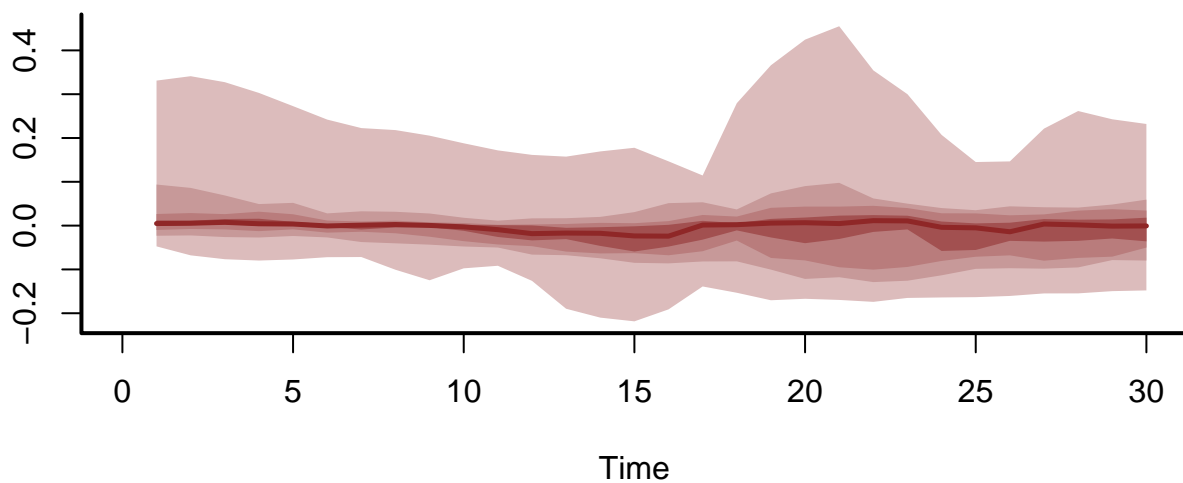


1st derivative

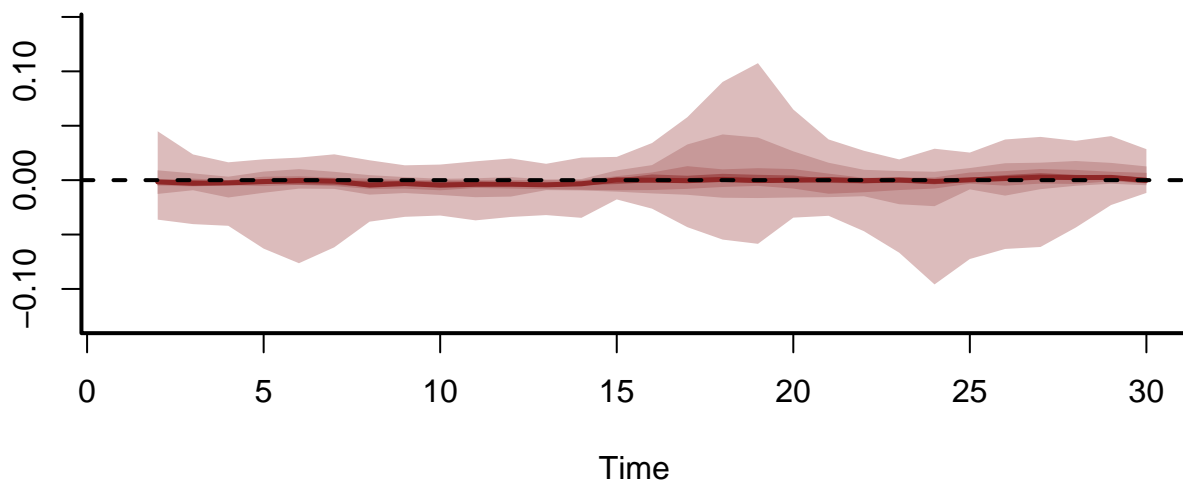


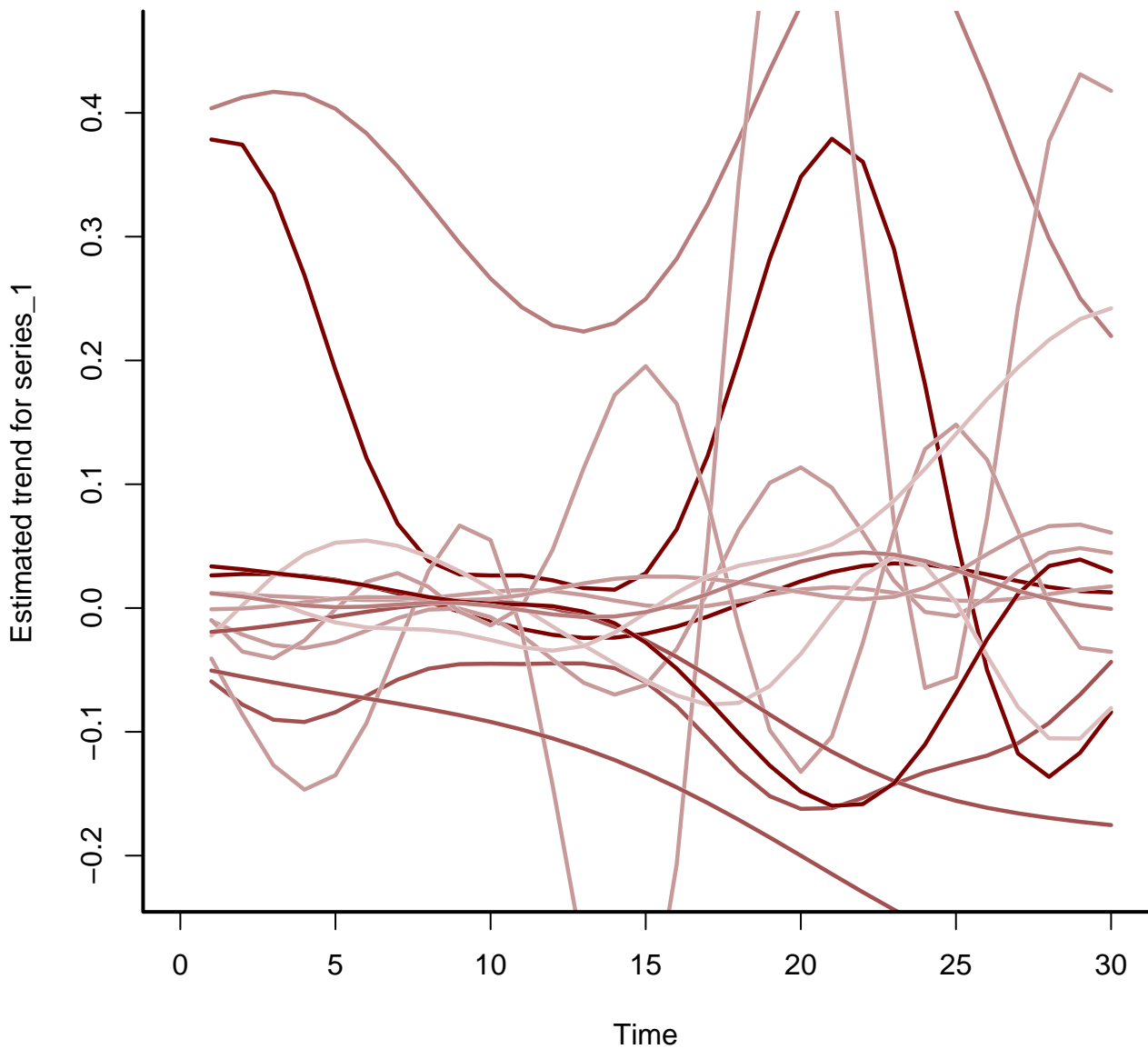


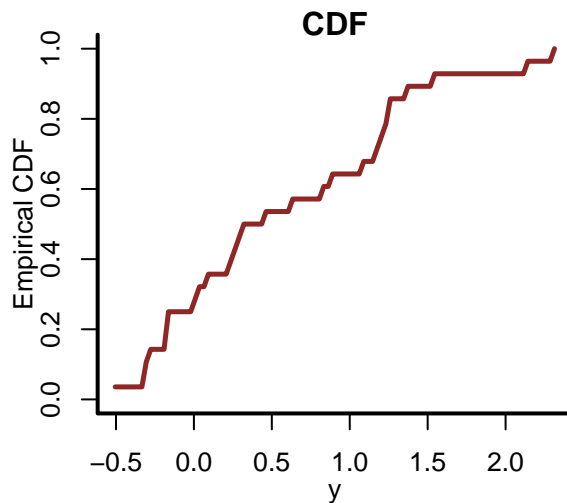
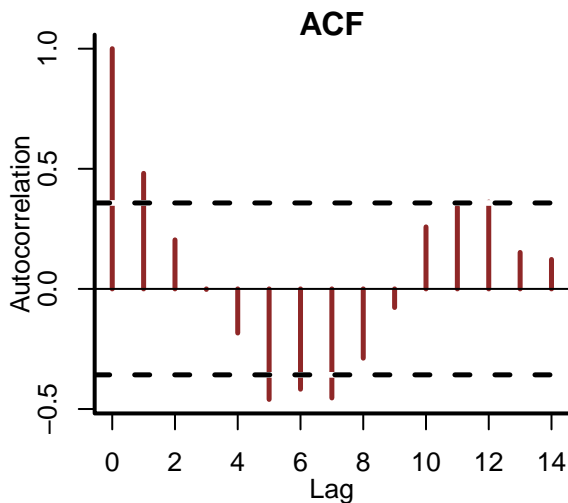
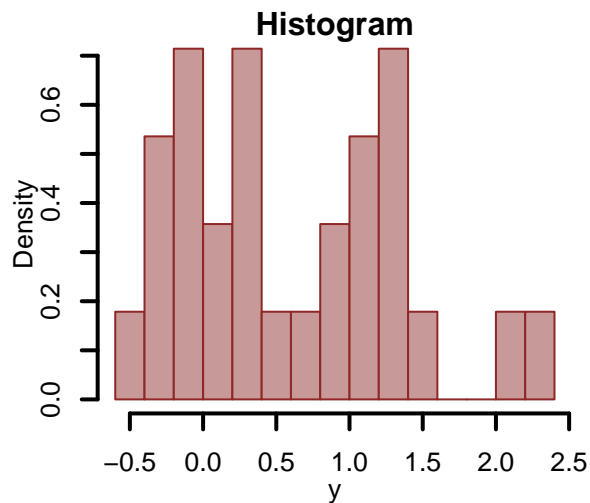
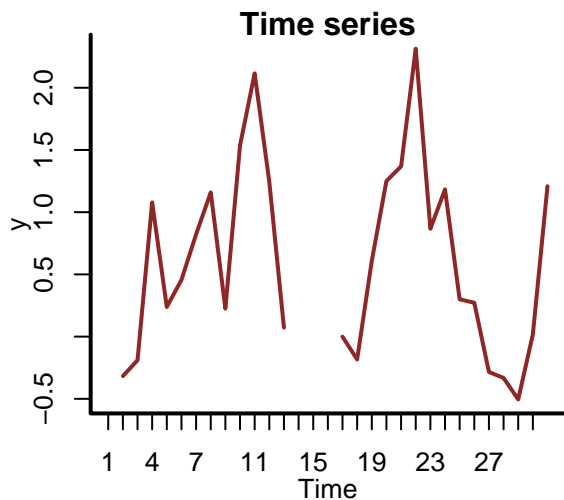
Estimated trend for series_1

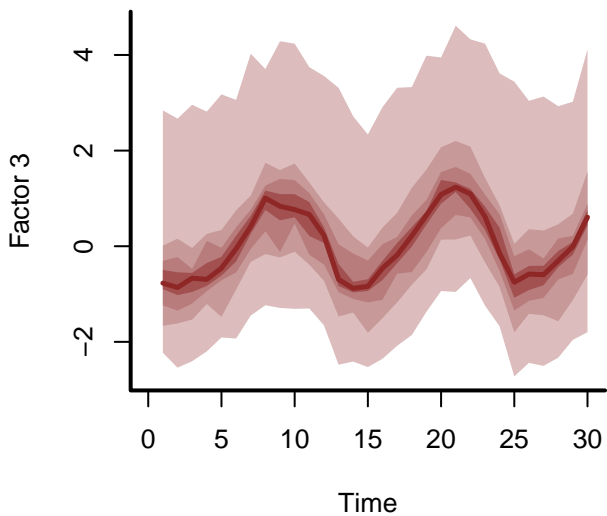
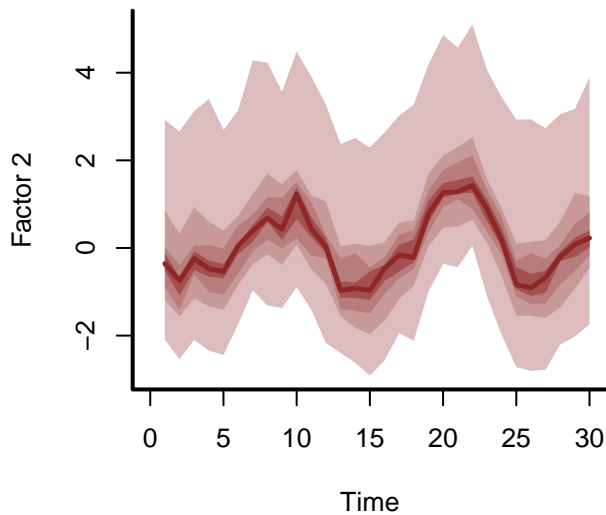
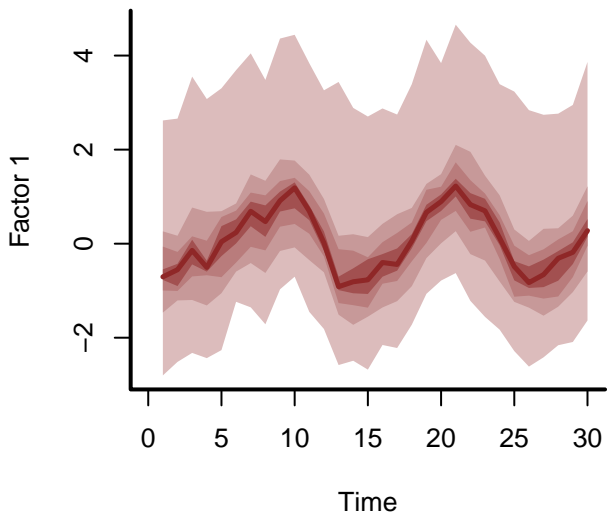


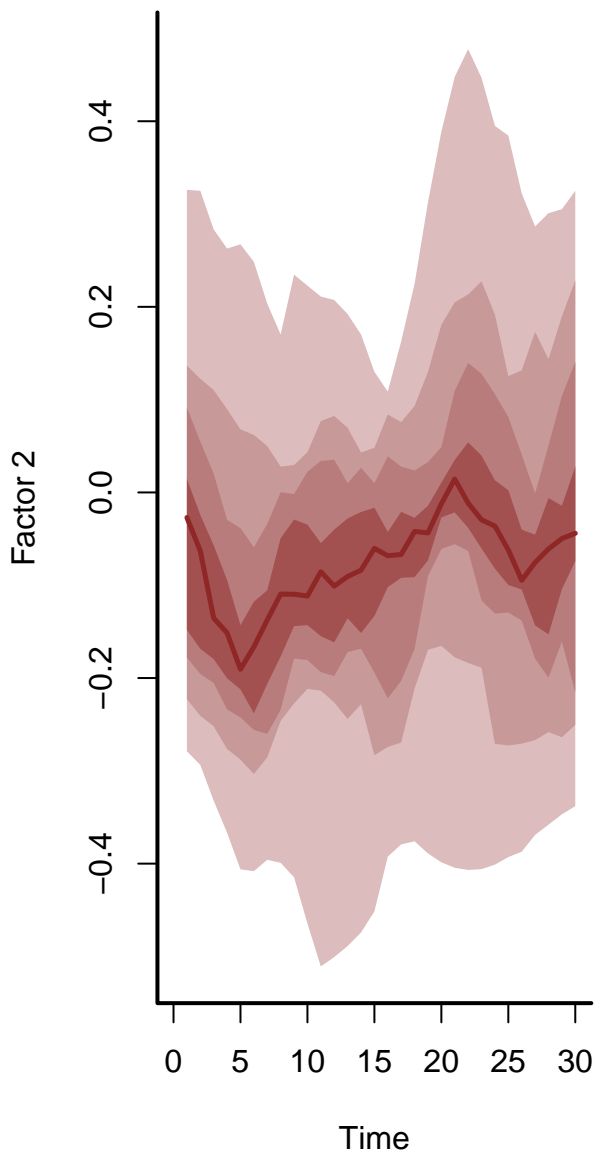
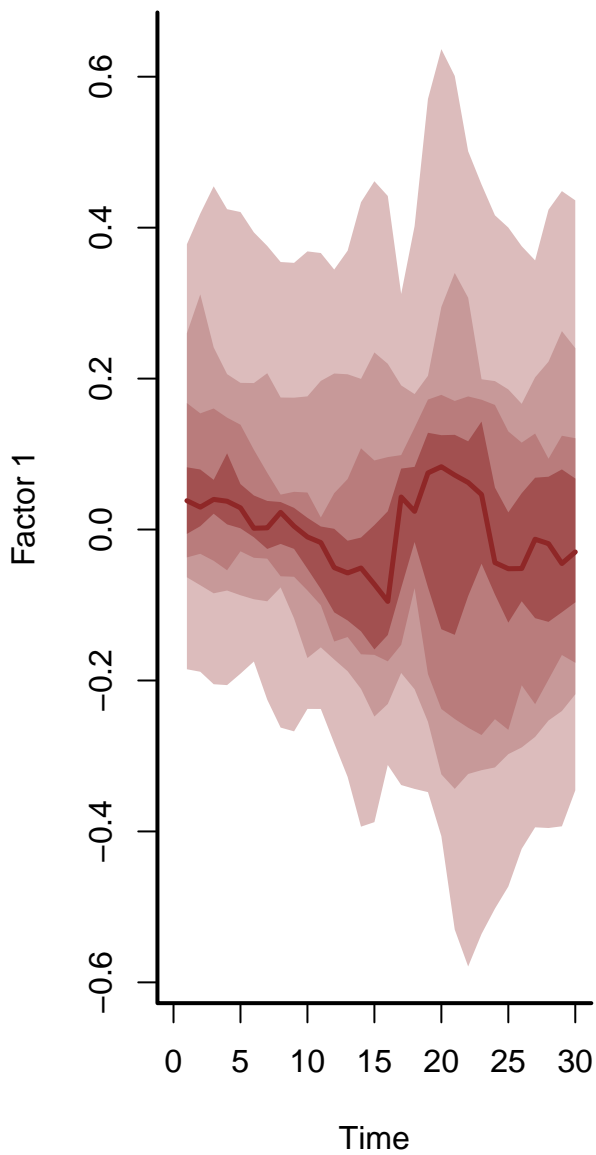
1st derivative

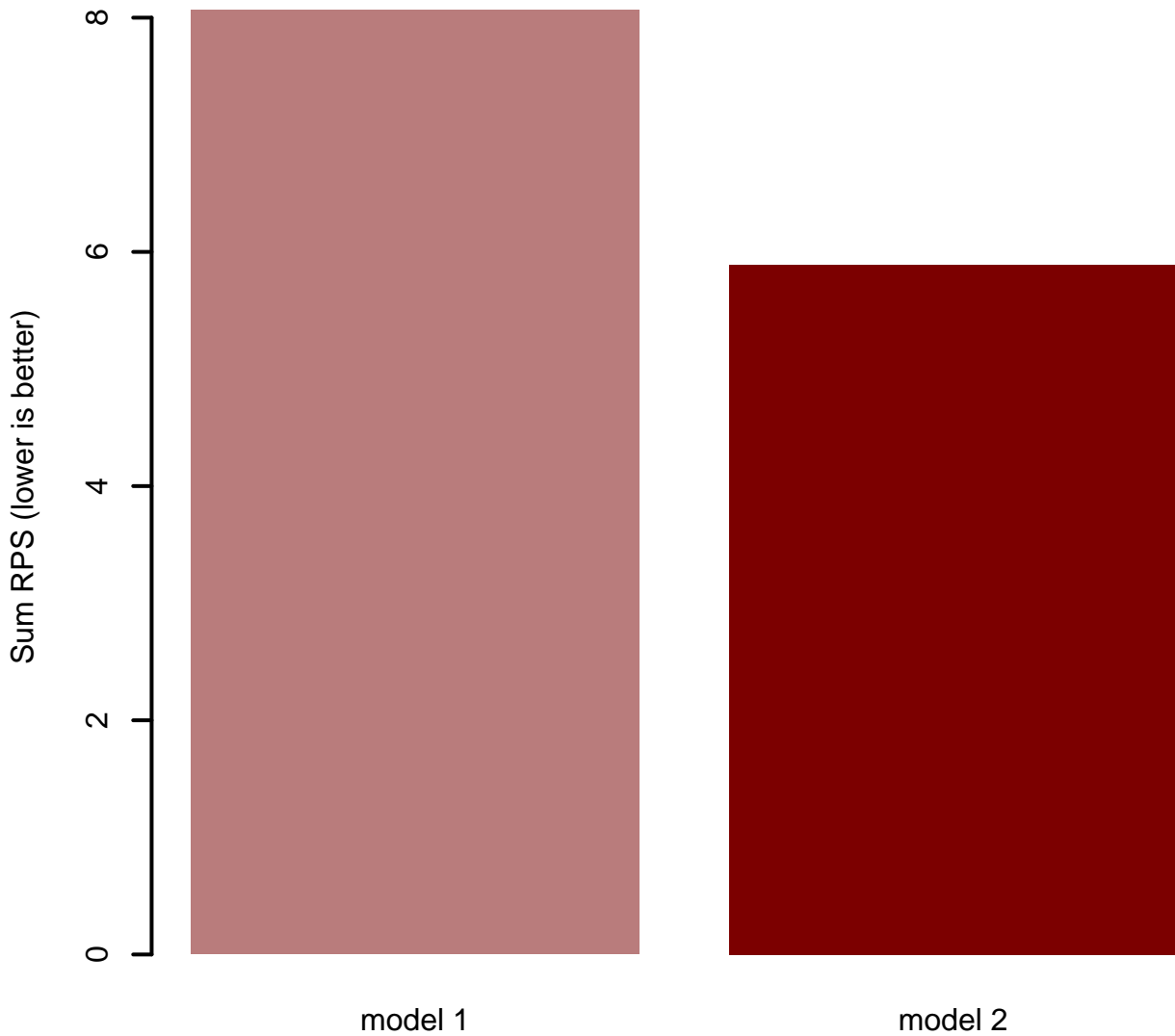


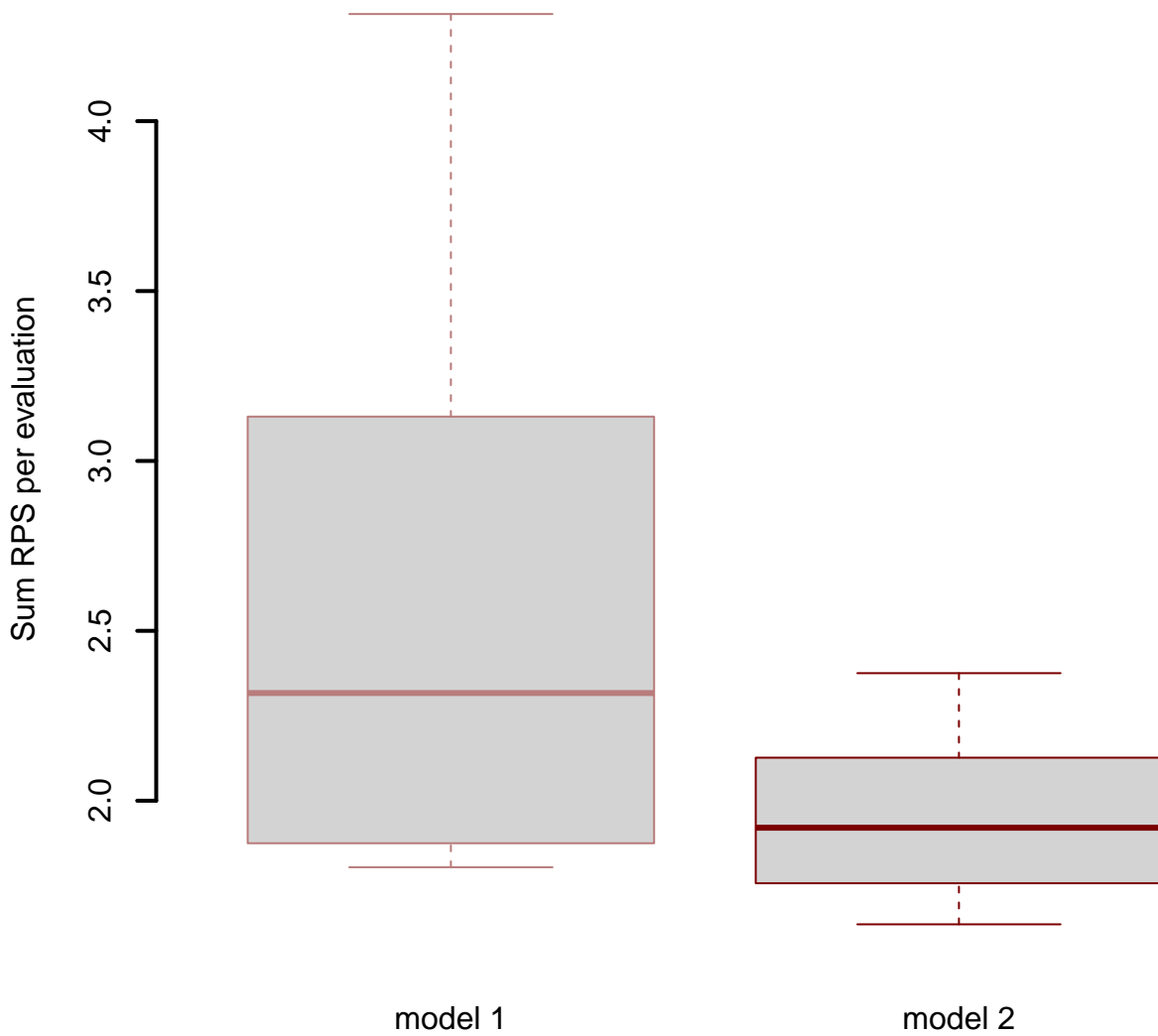


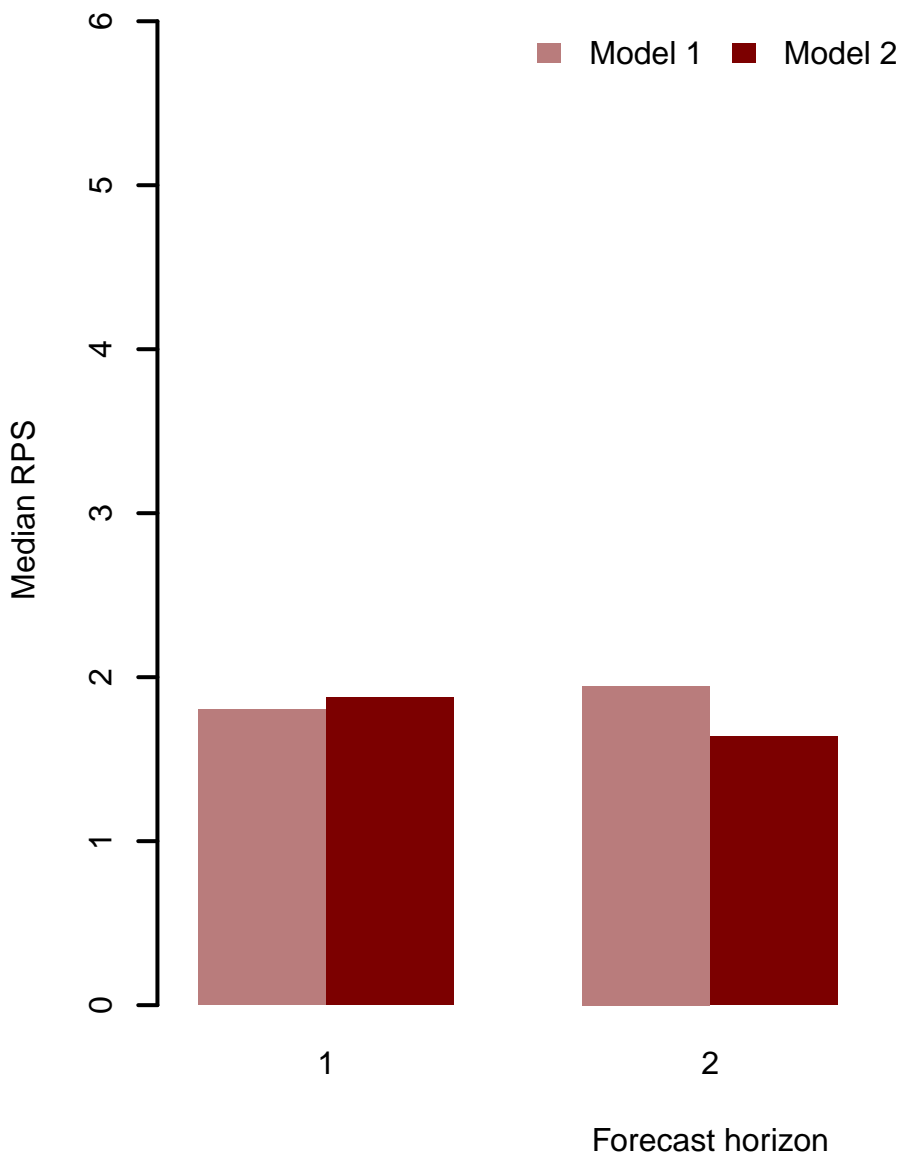


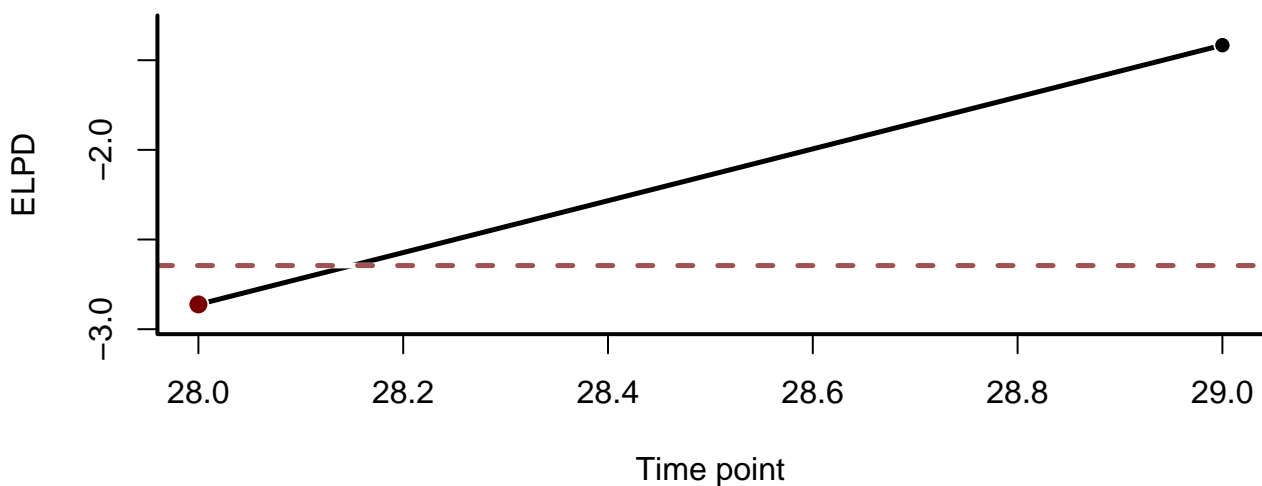
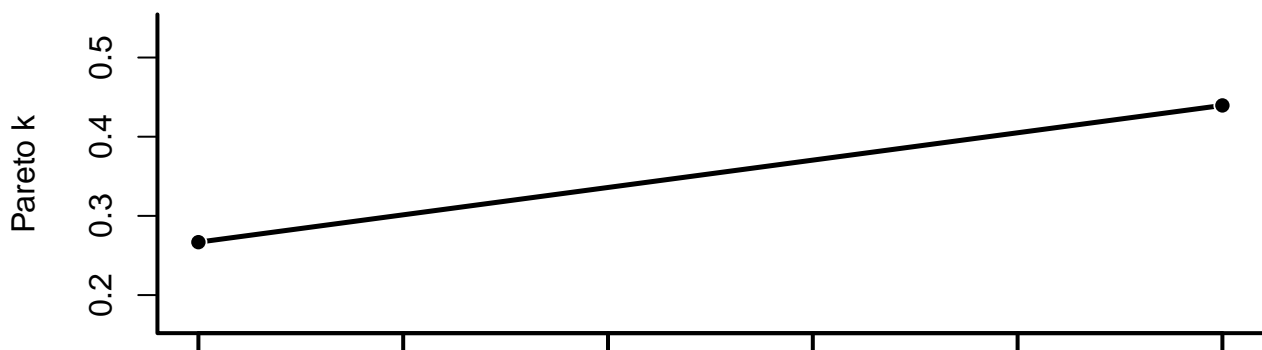


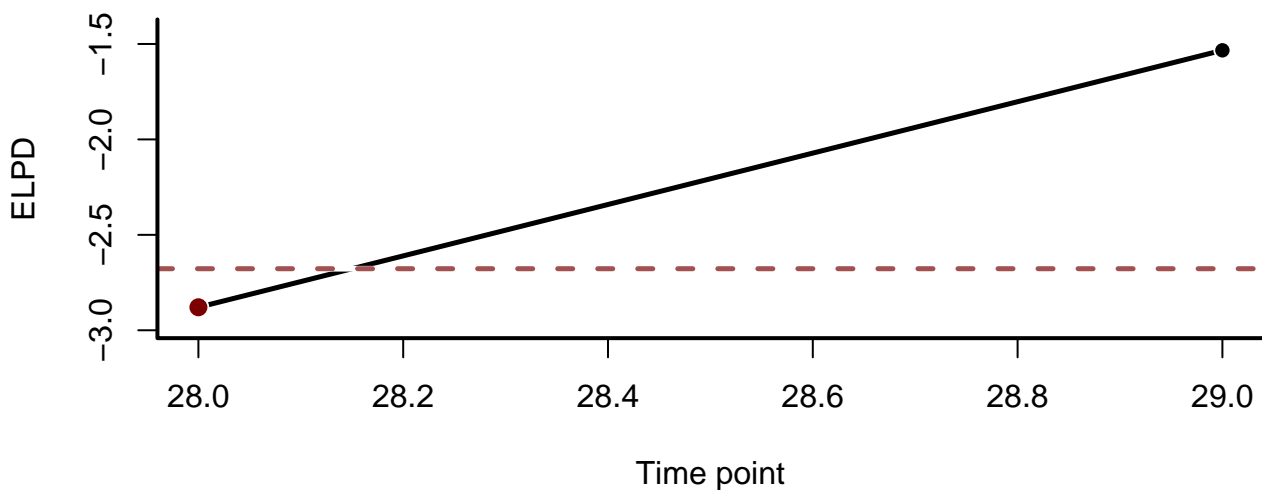
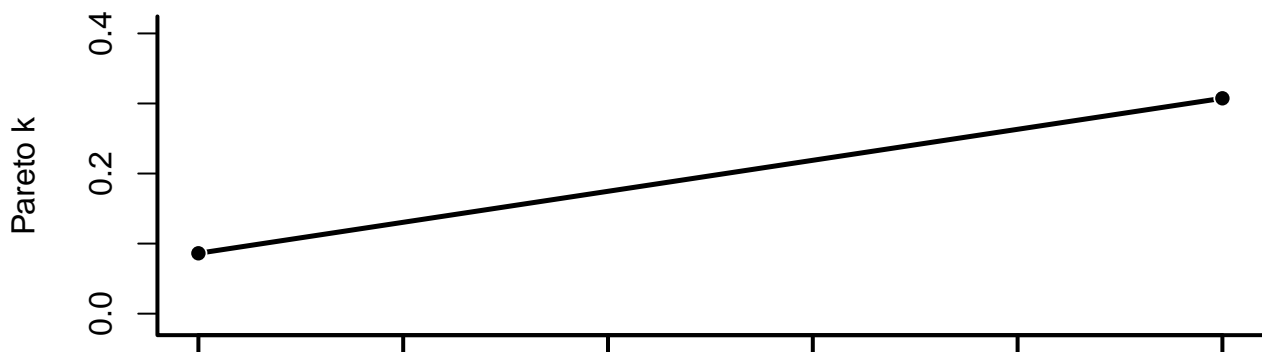


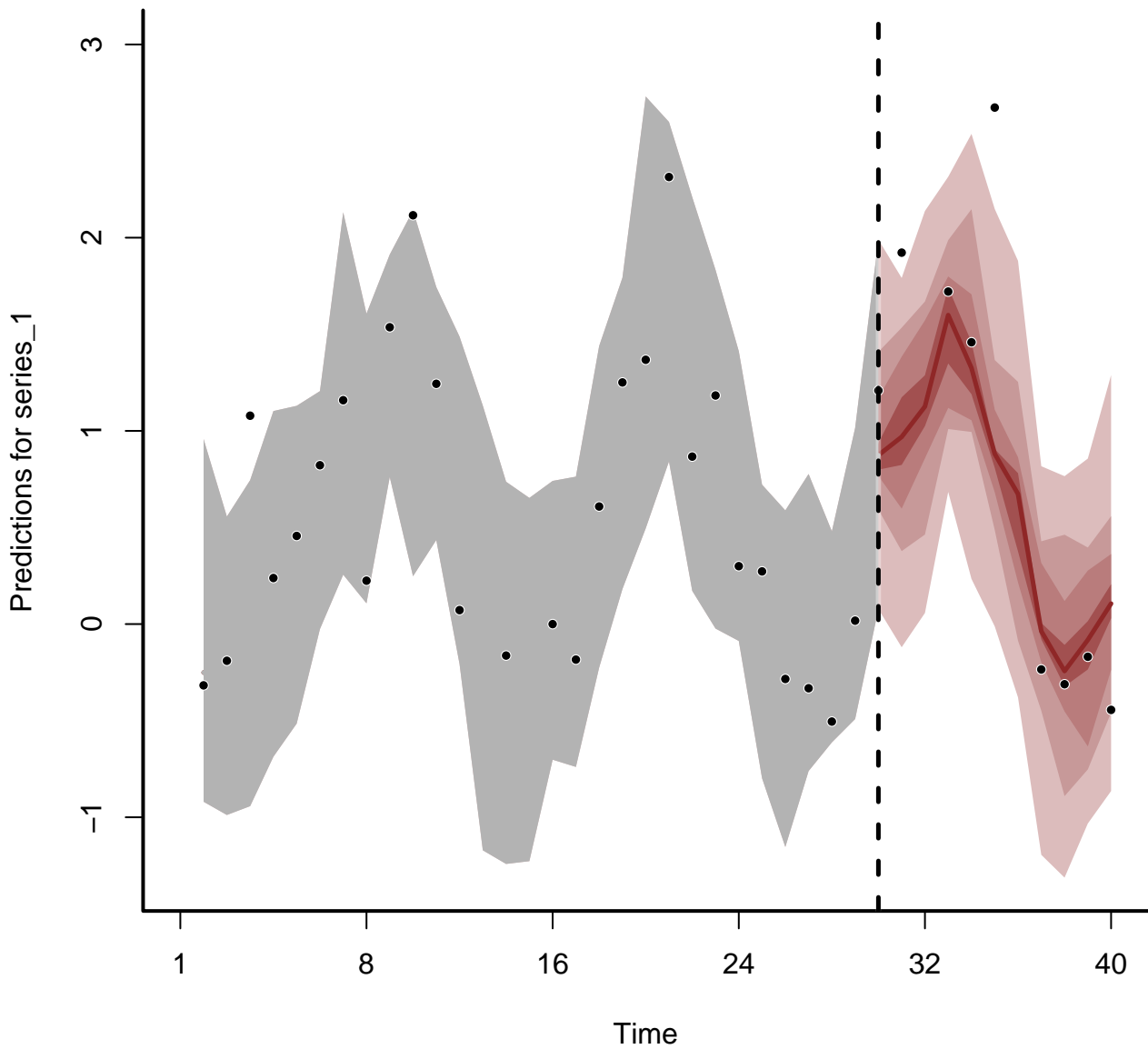


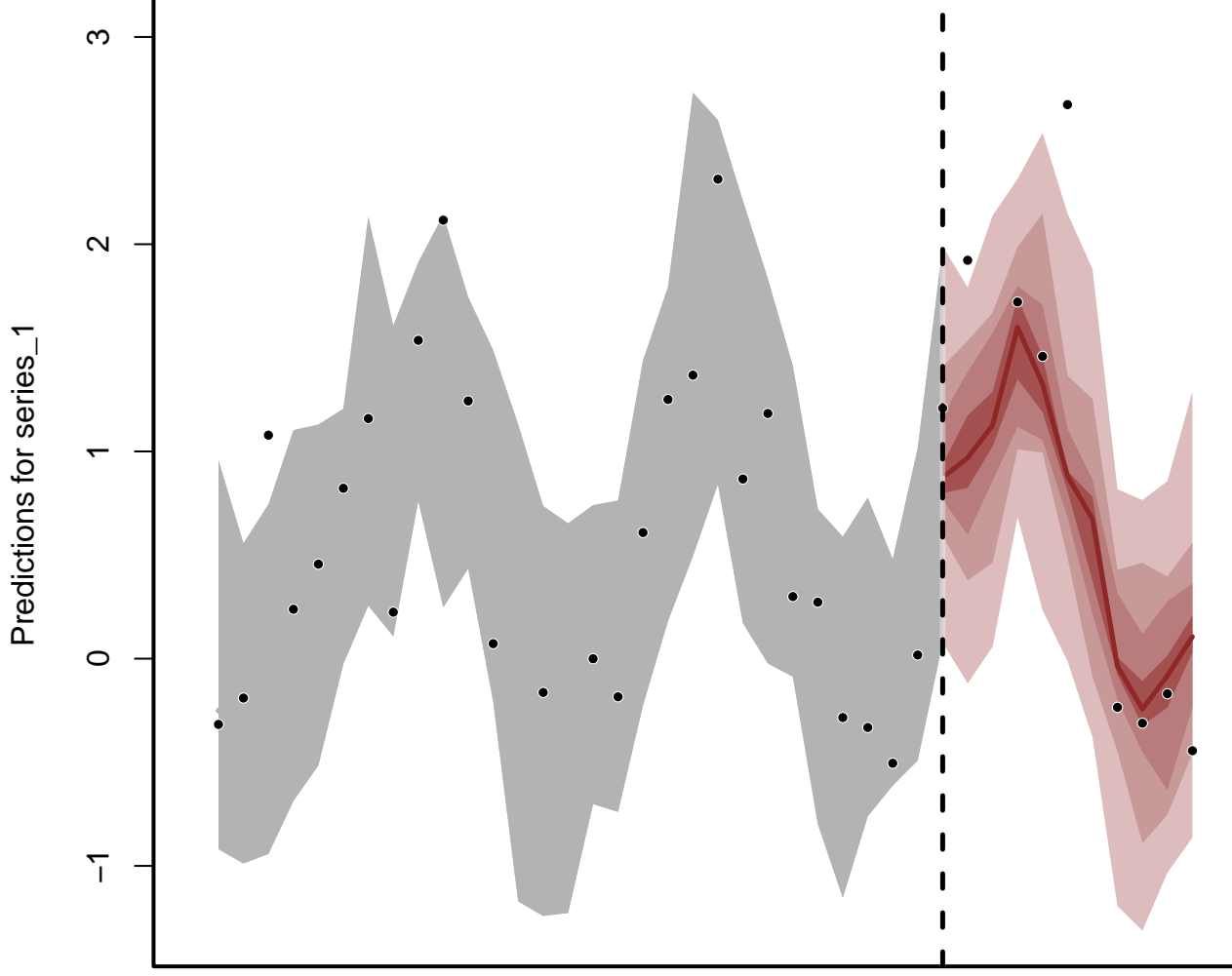


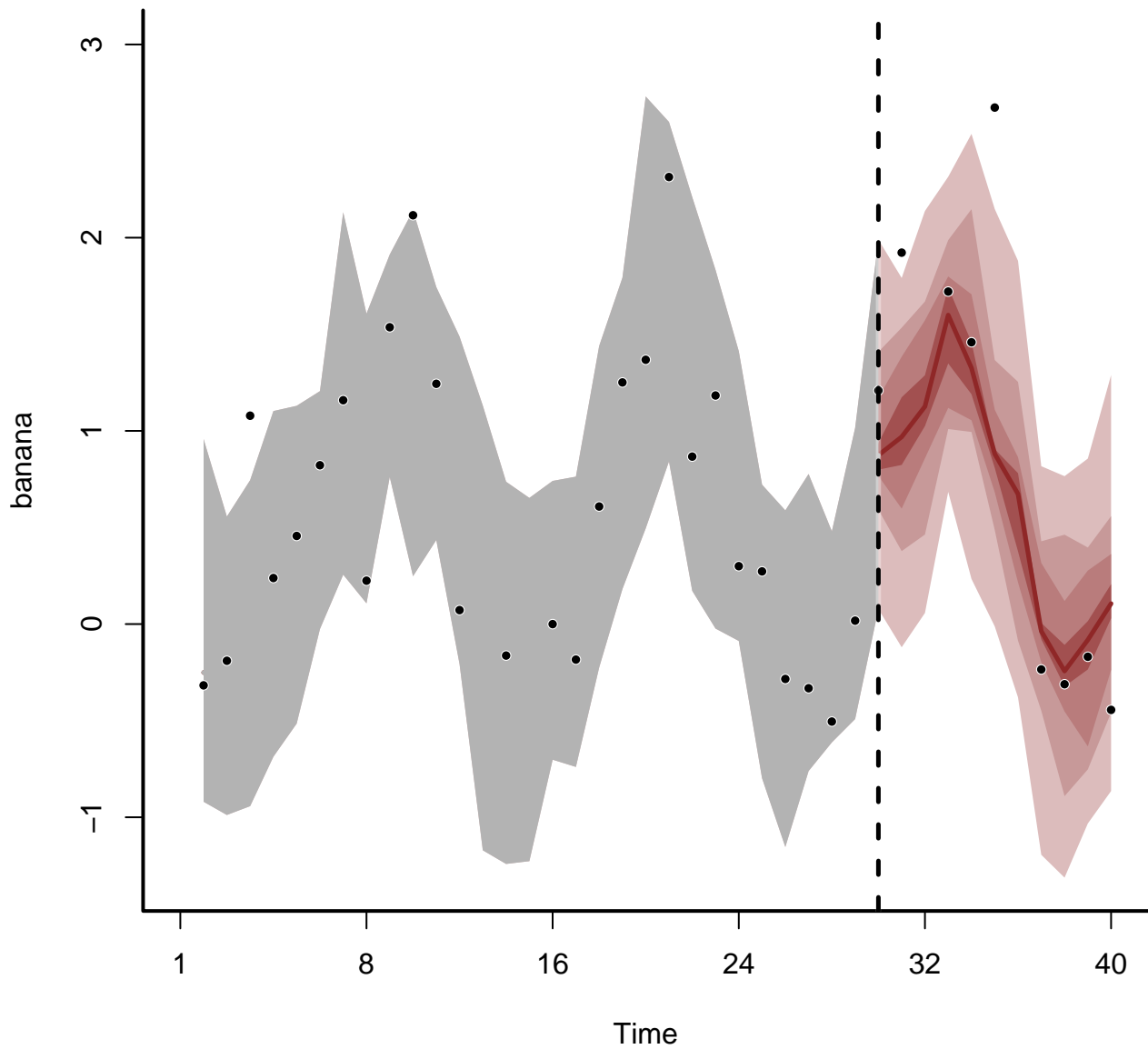


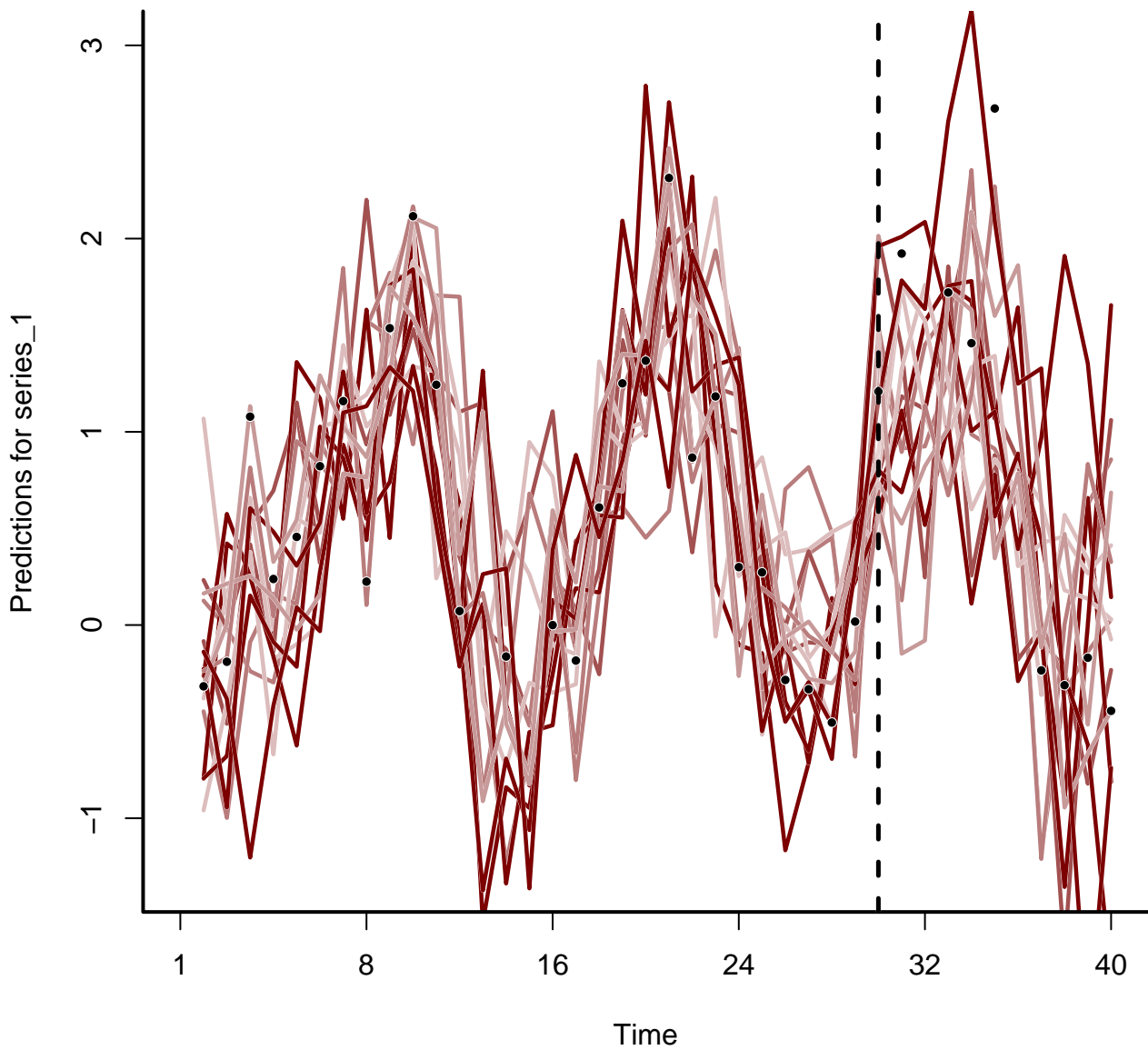


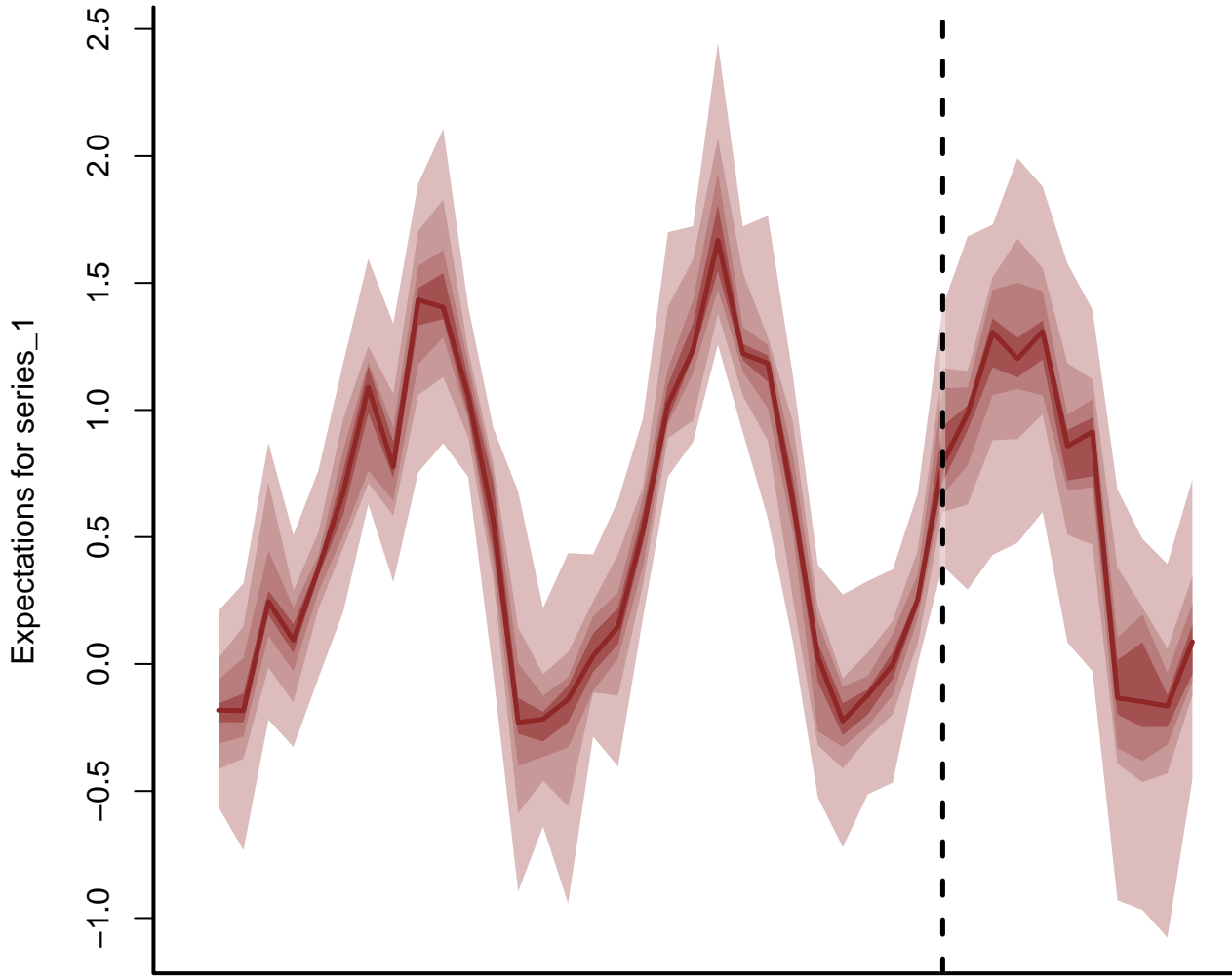


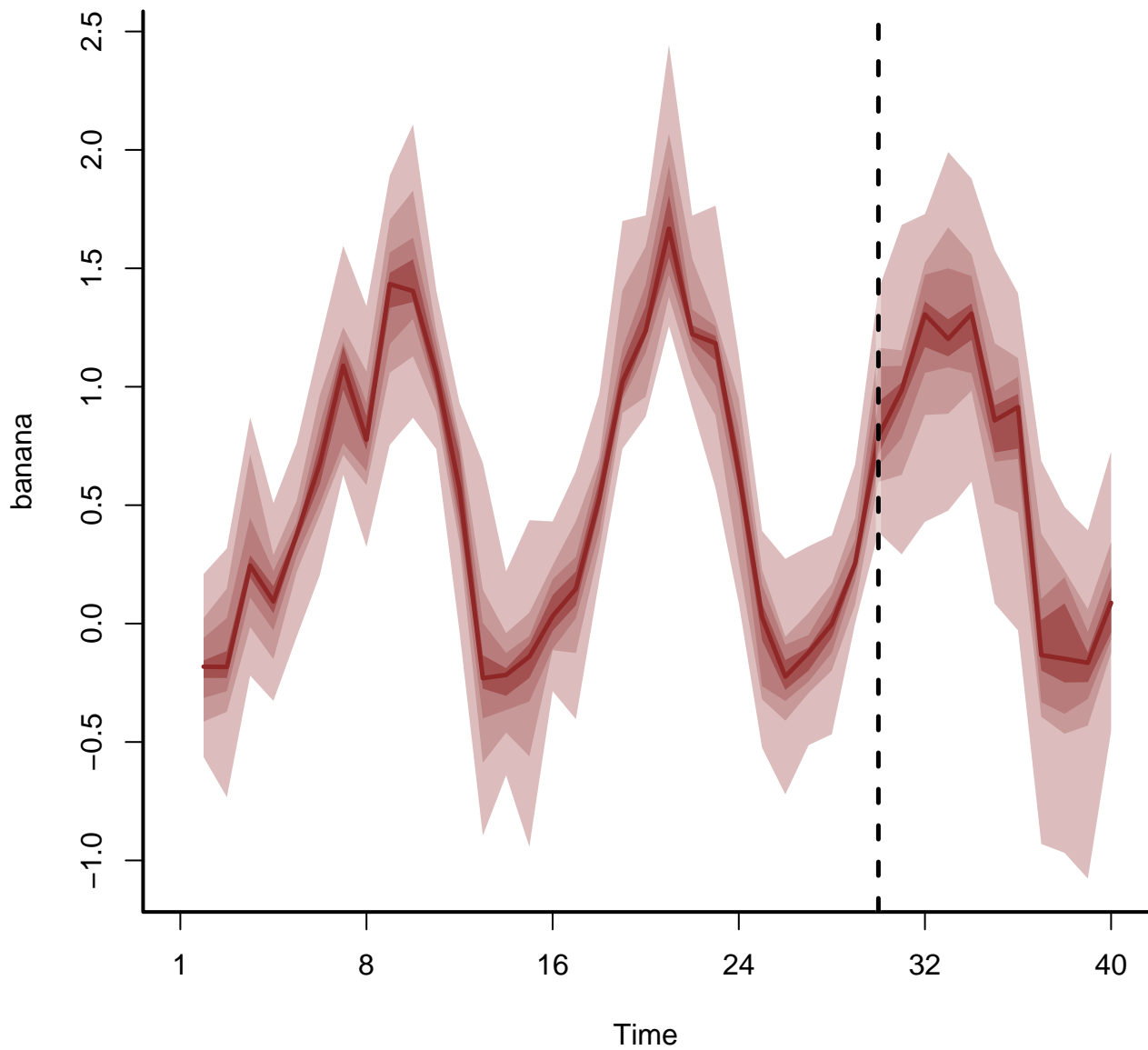


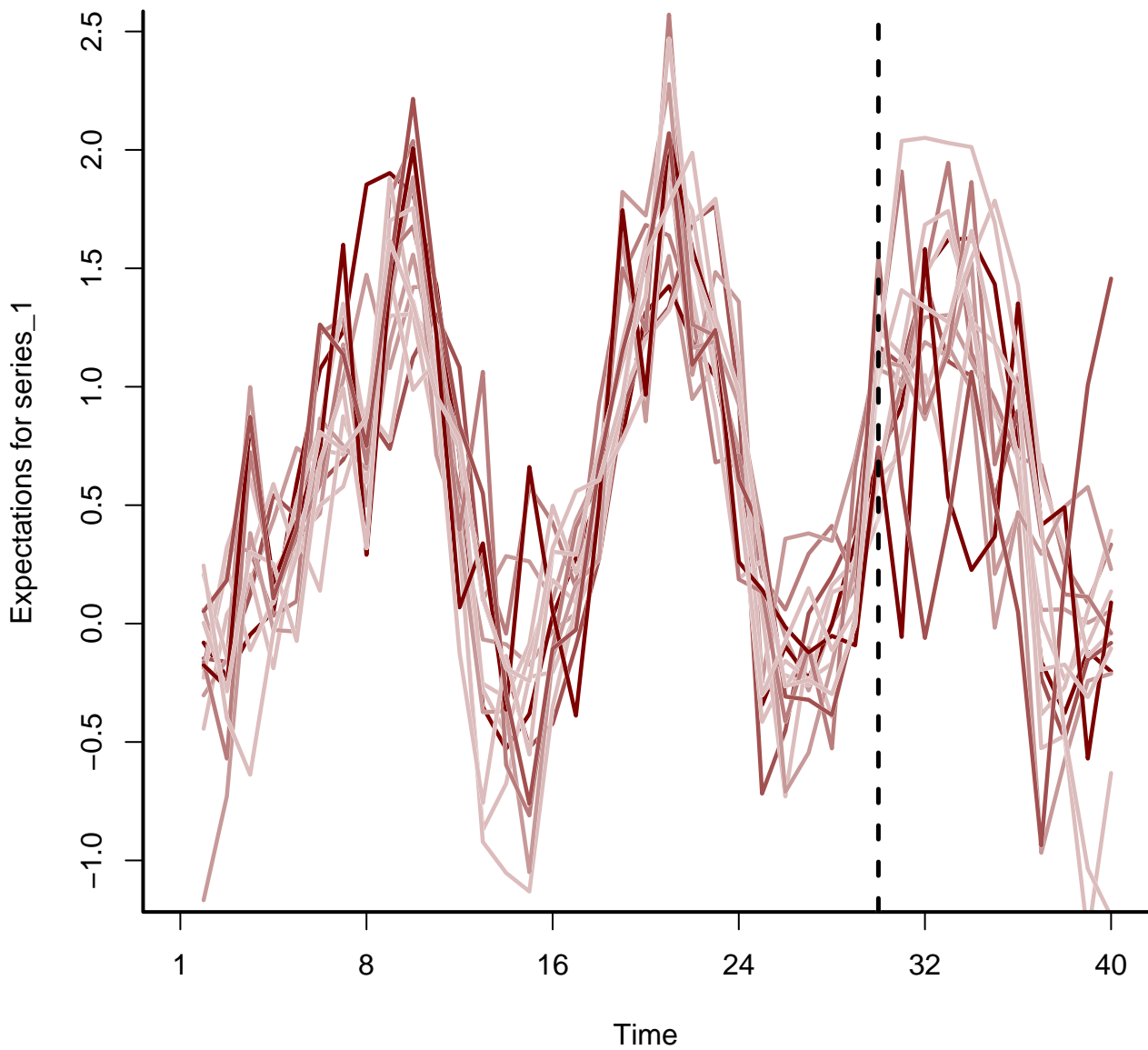


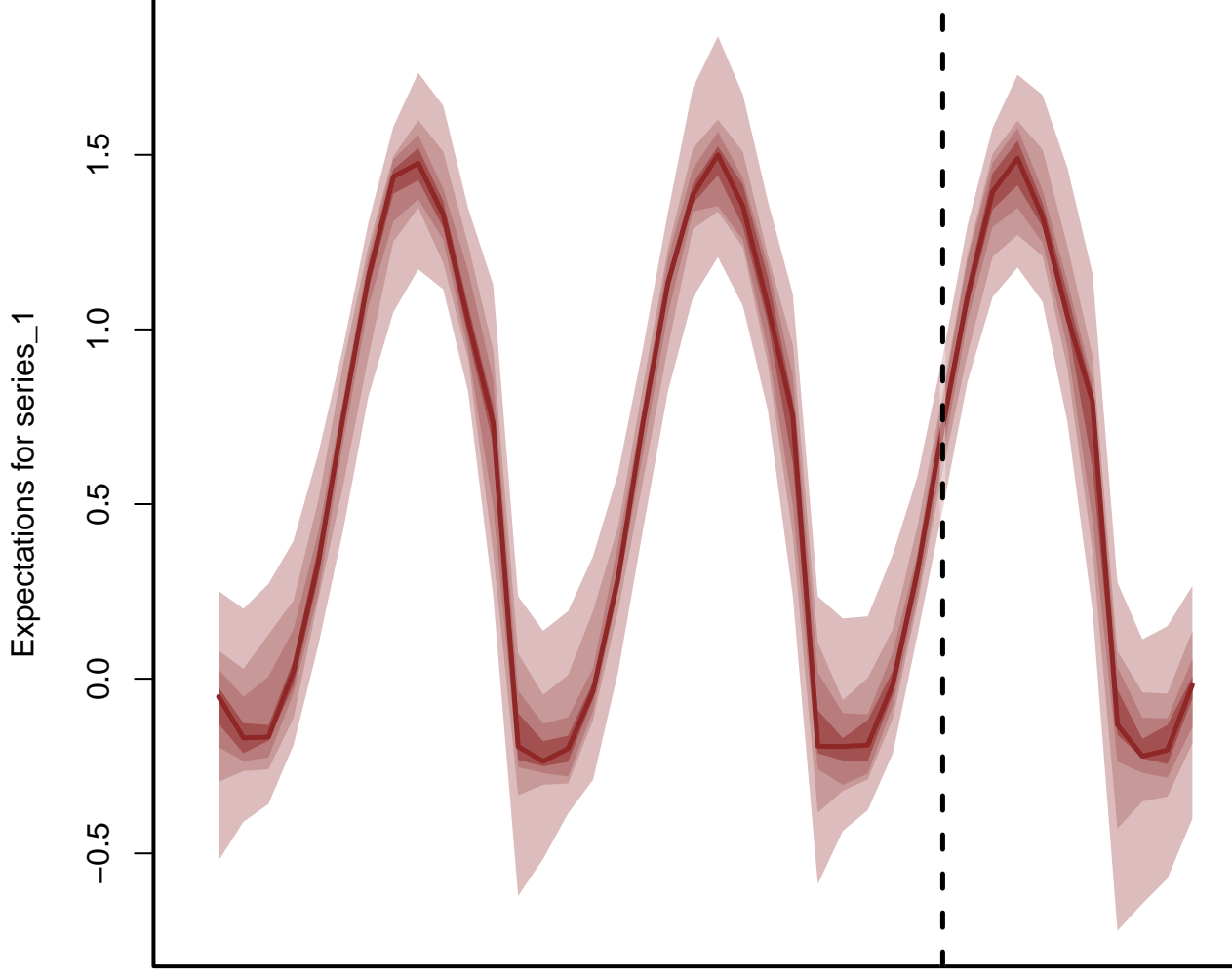


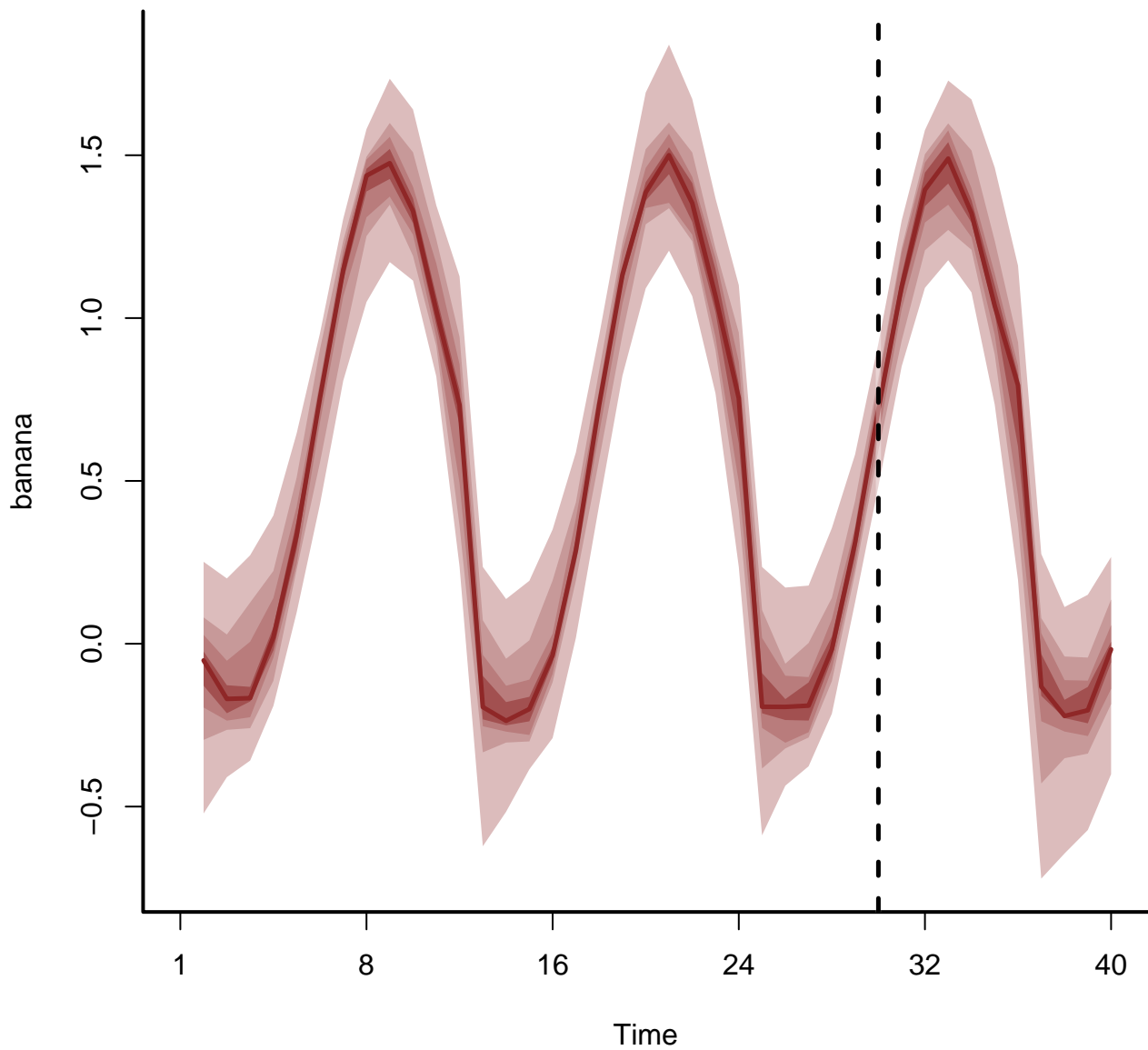


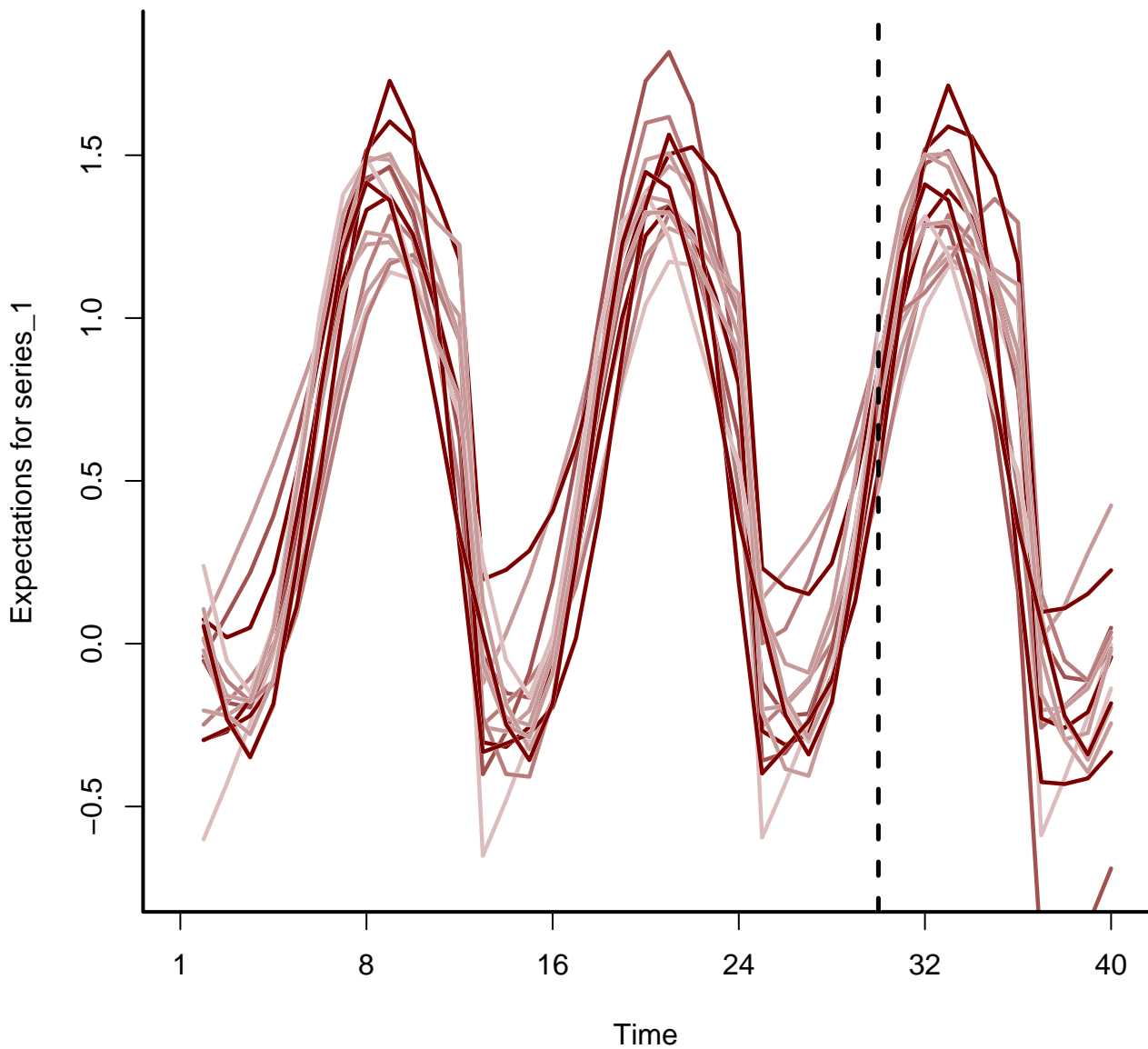


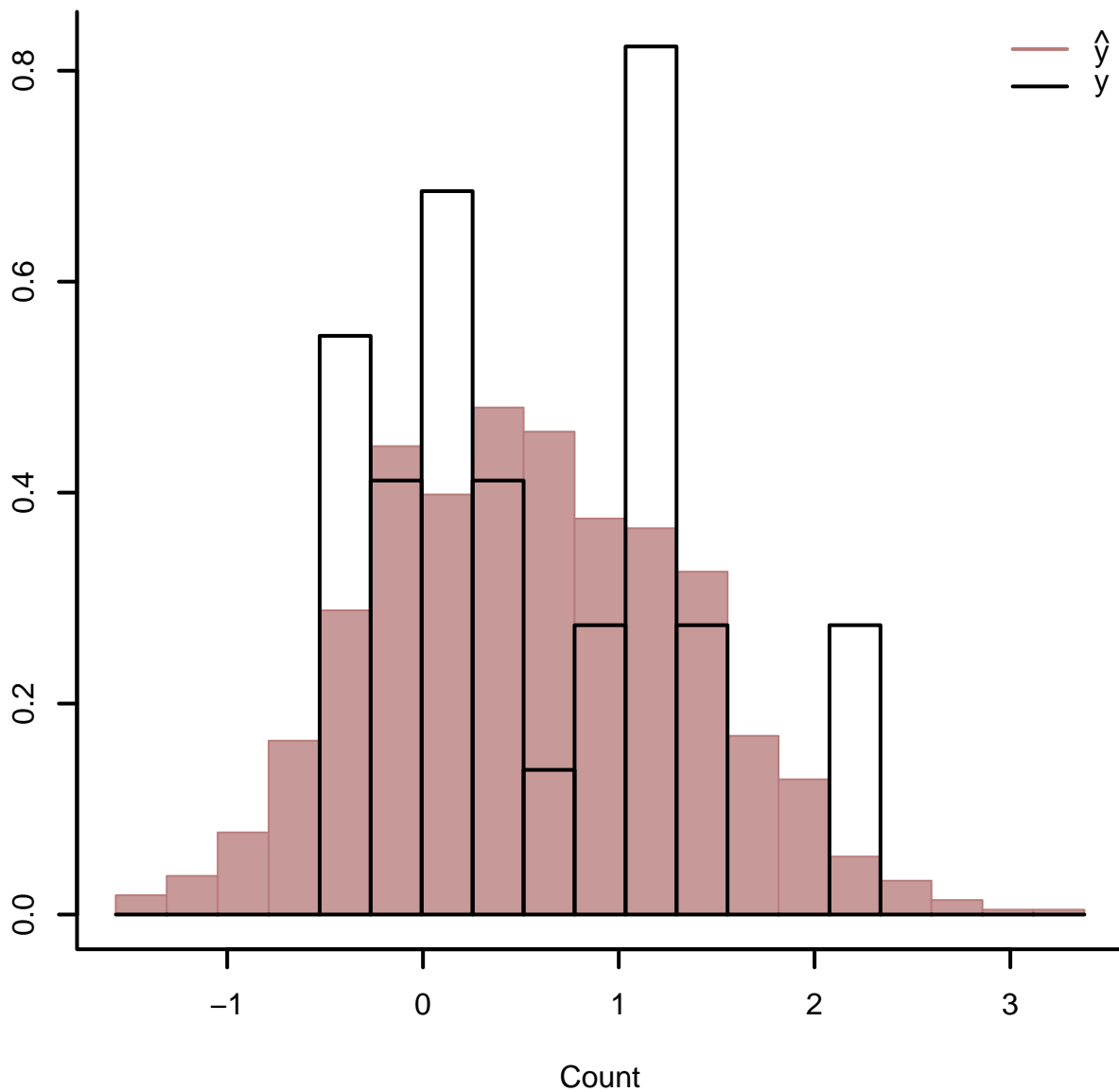


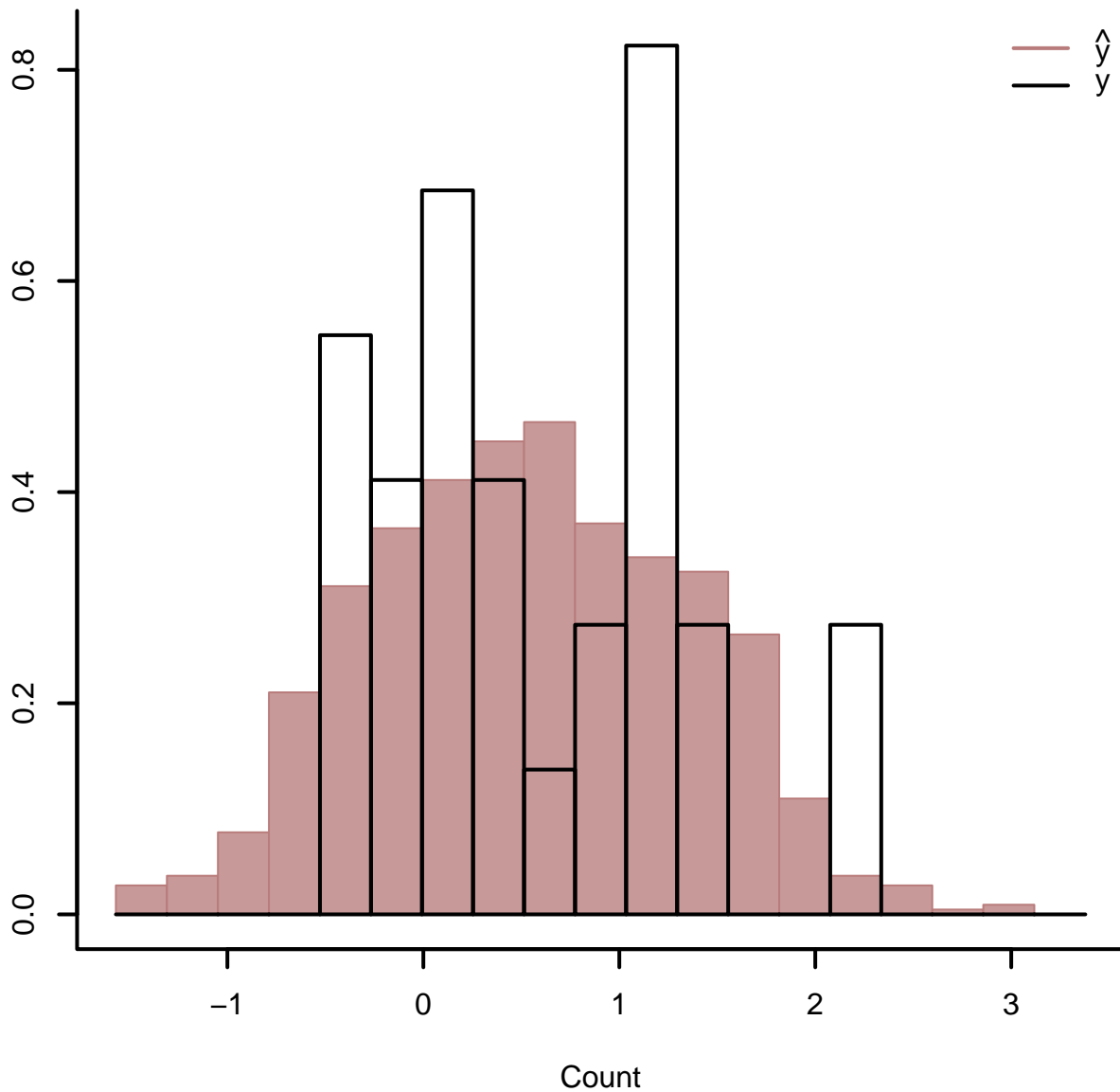


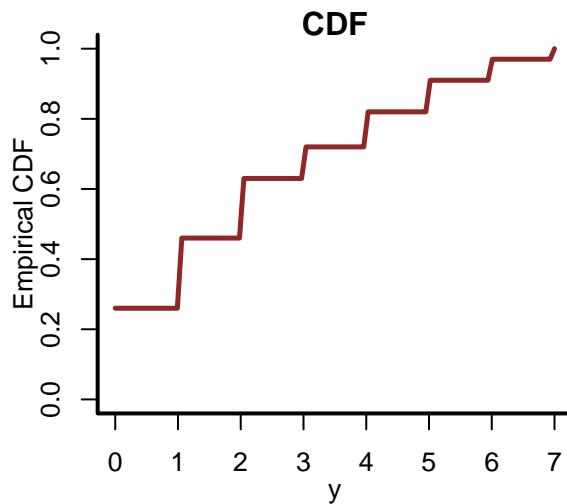
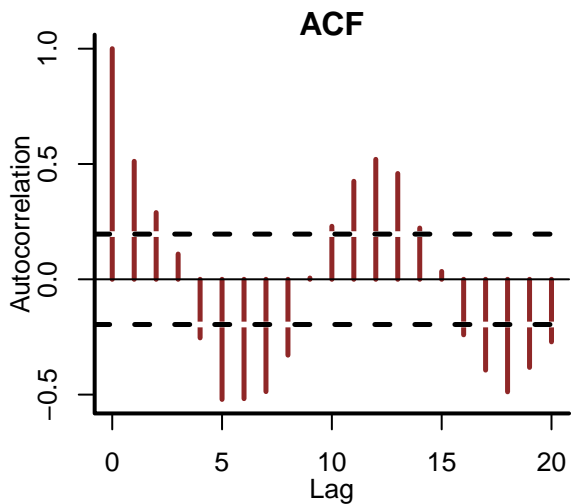
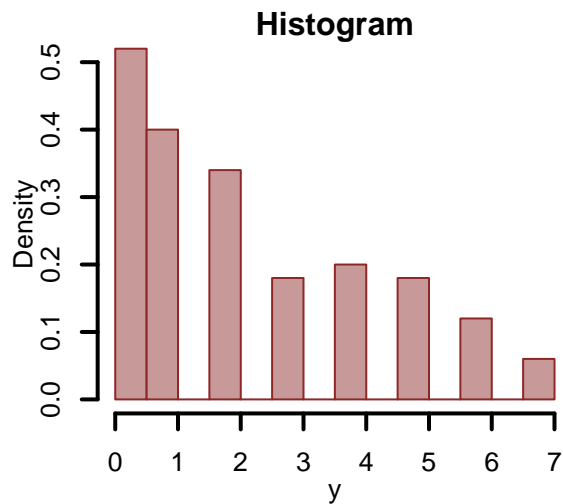
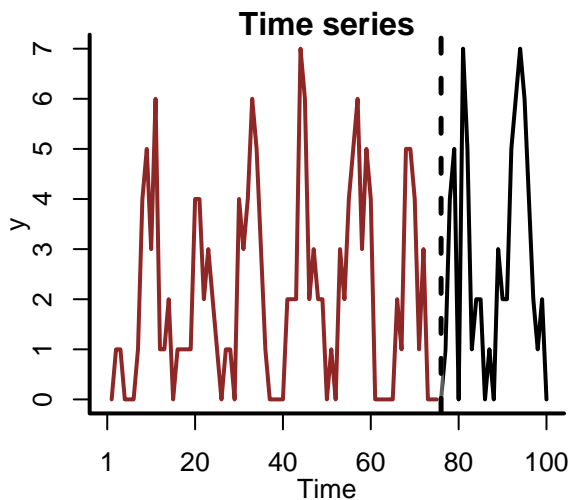


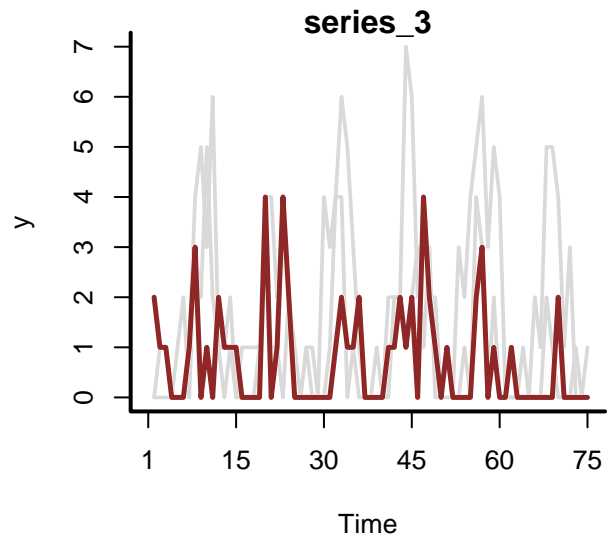
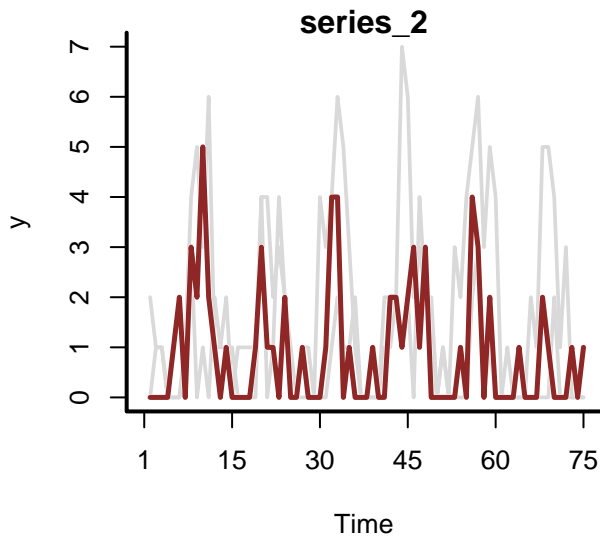
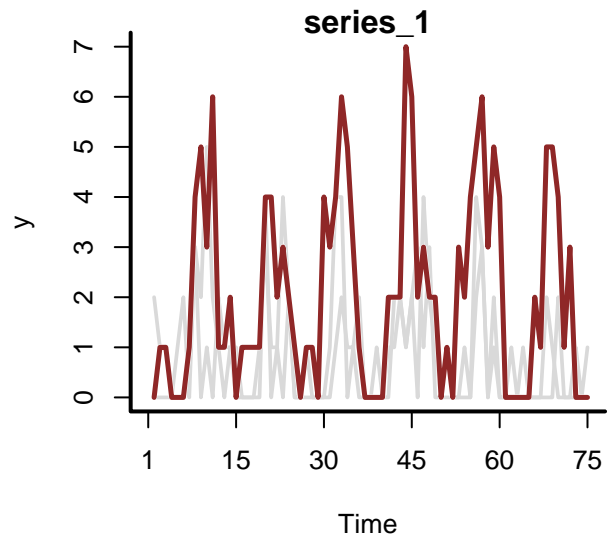


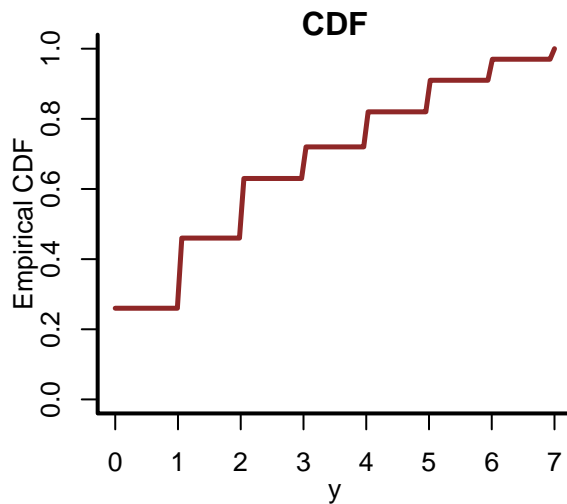
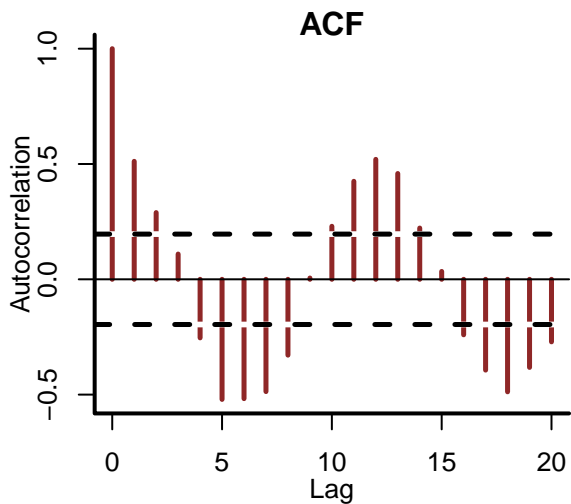
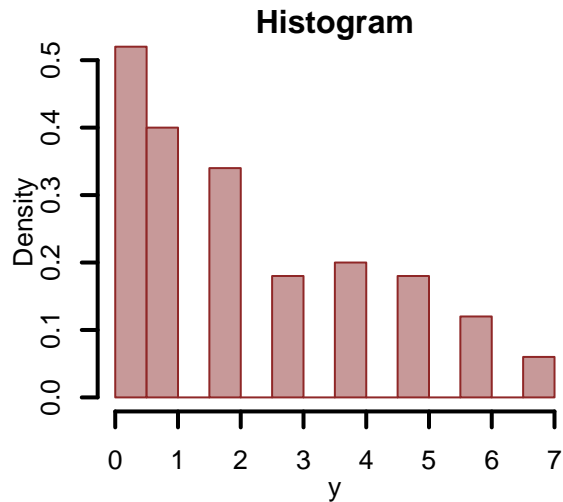
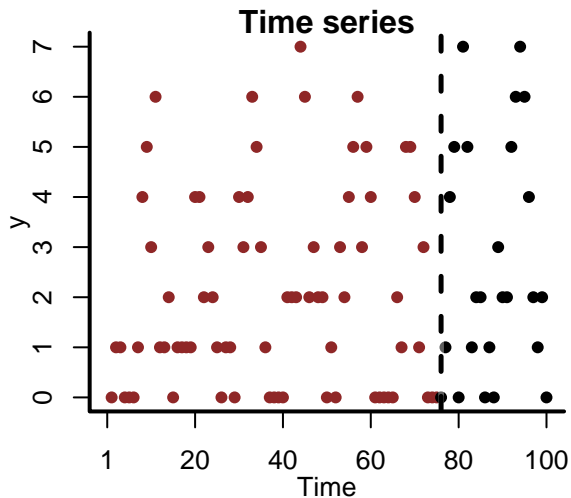


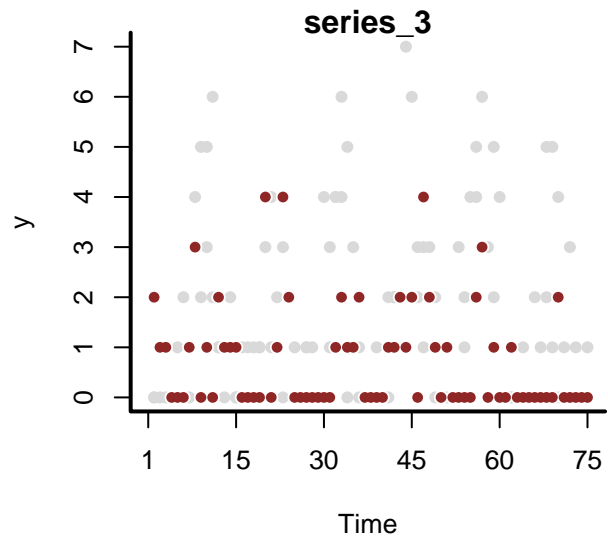
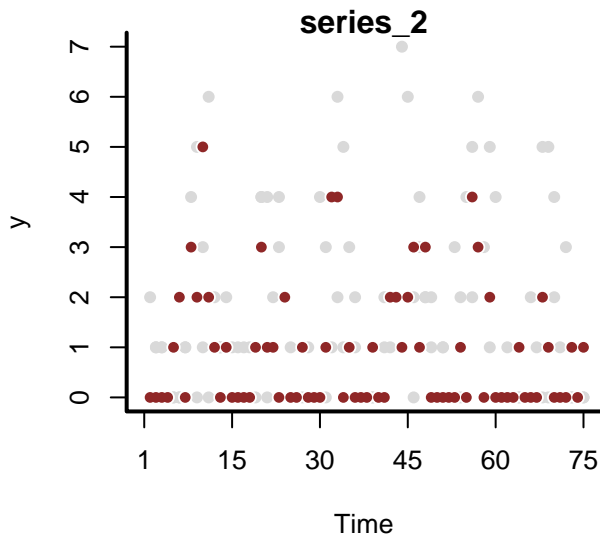
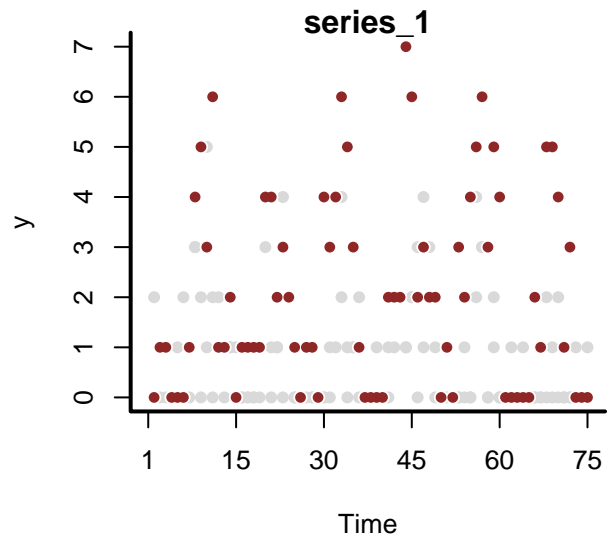


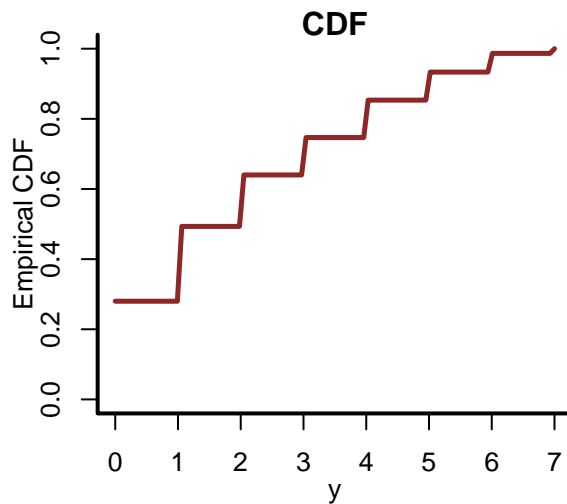
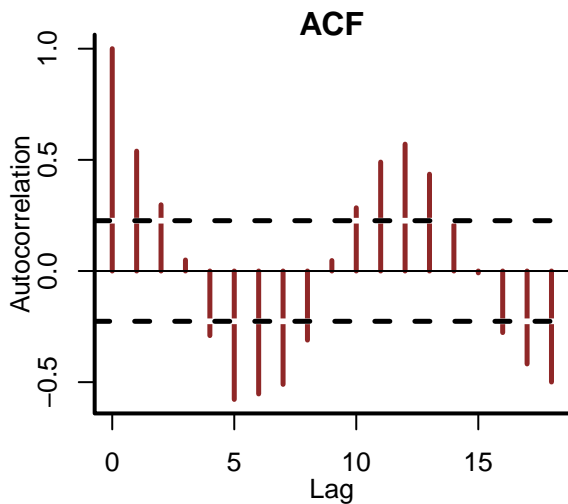
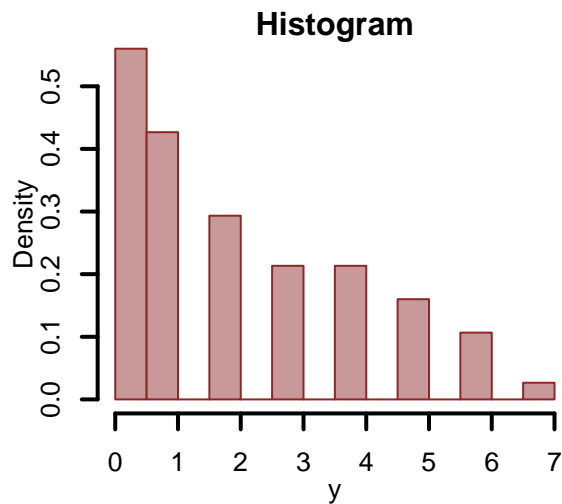
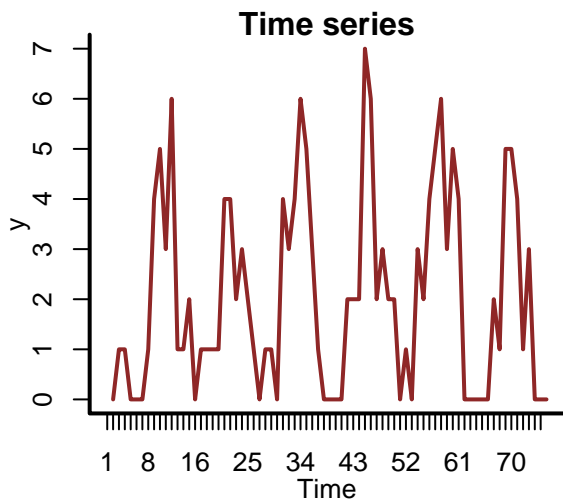


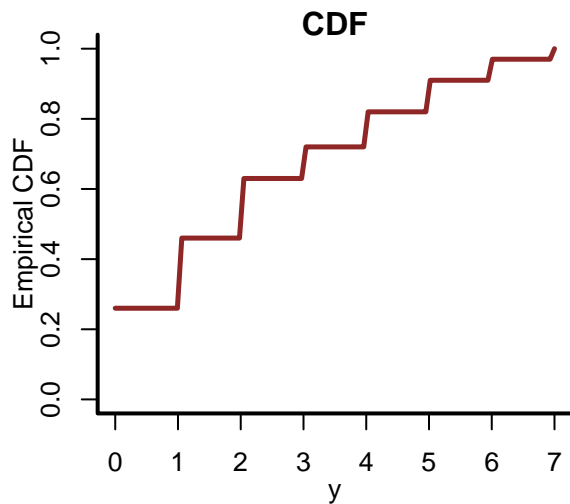
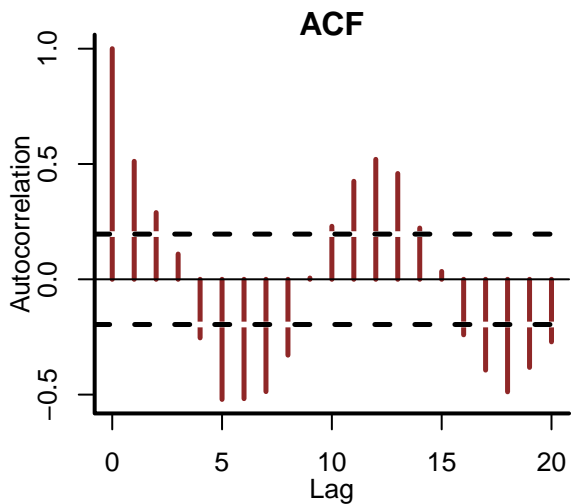
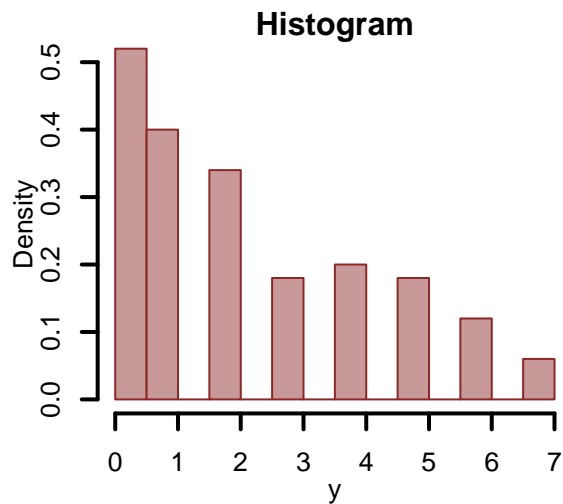
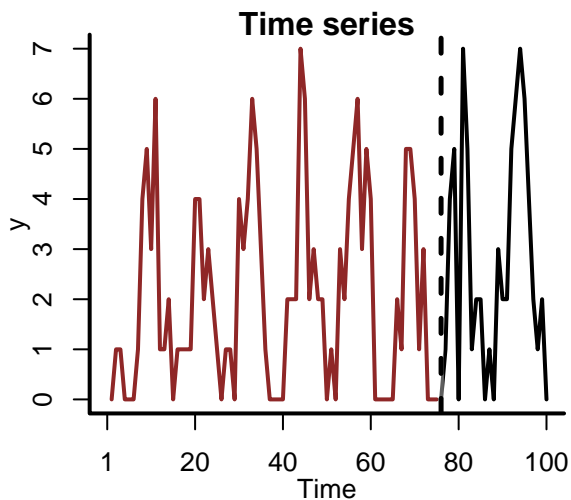


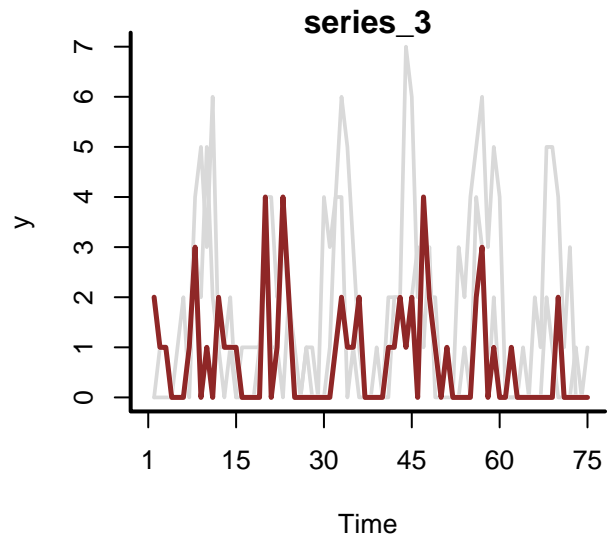
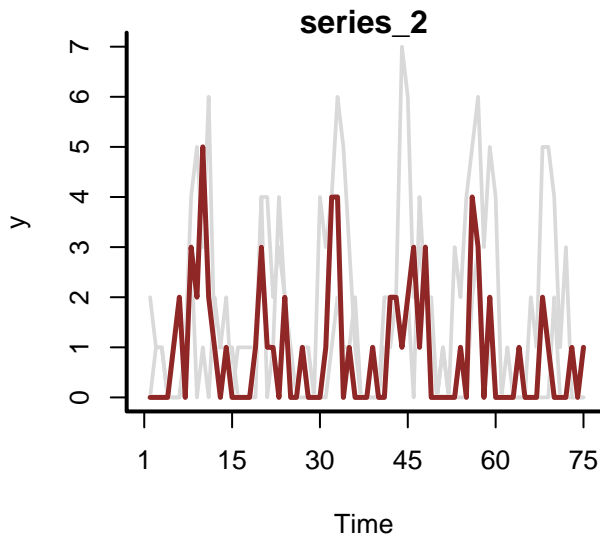
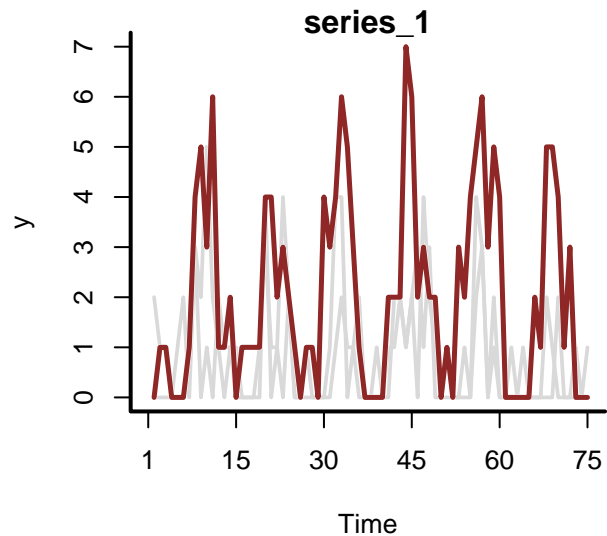


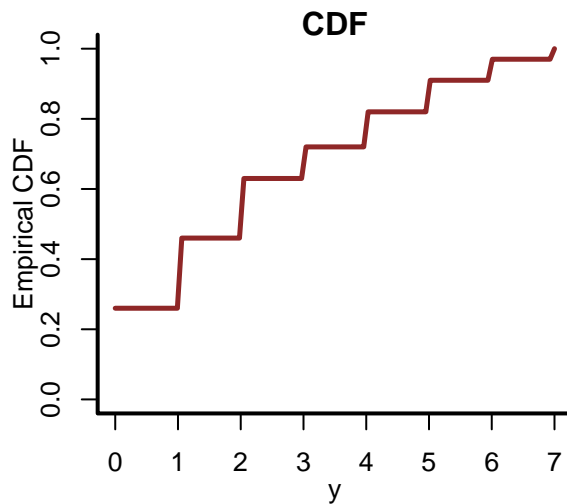
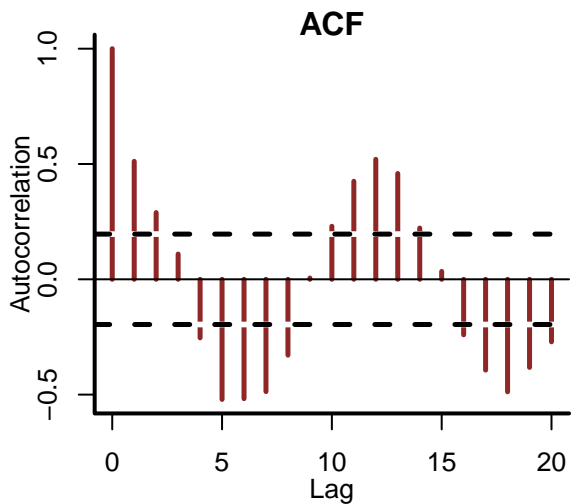
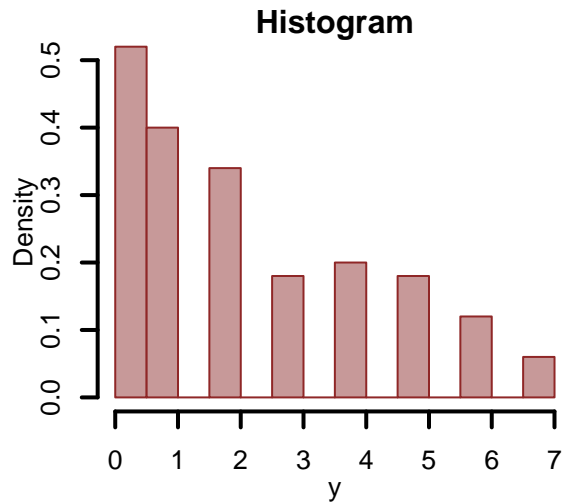
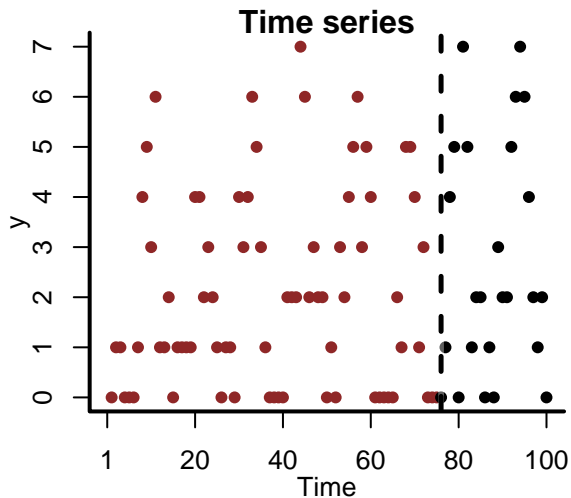


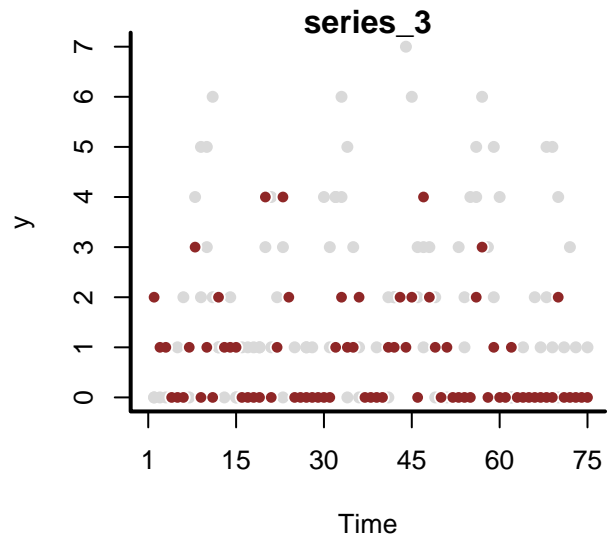
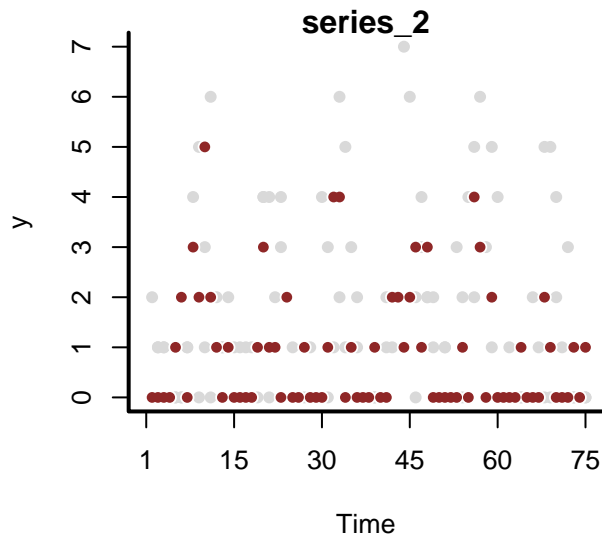
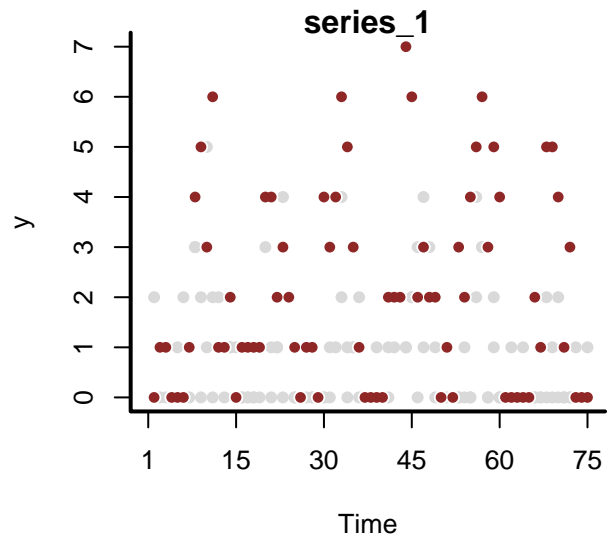




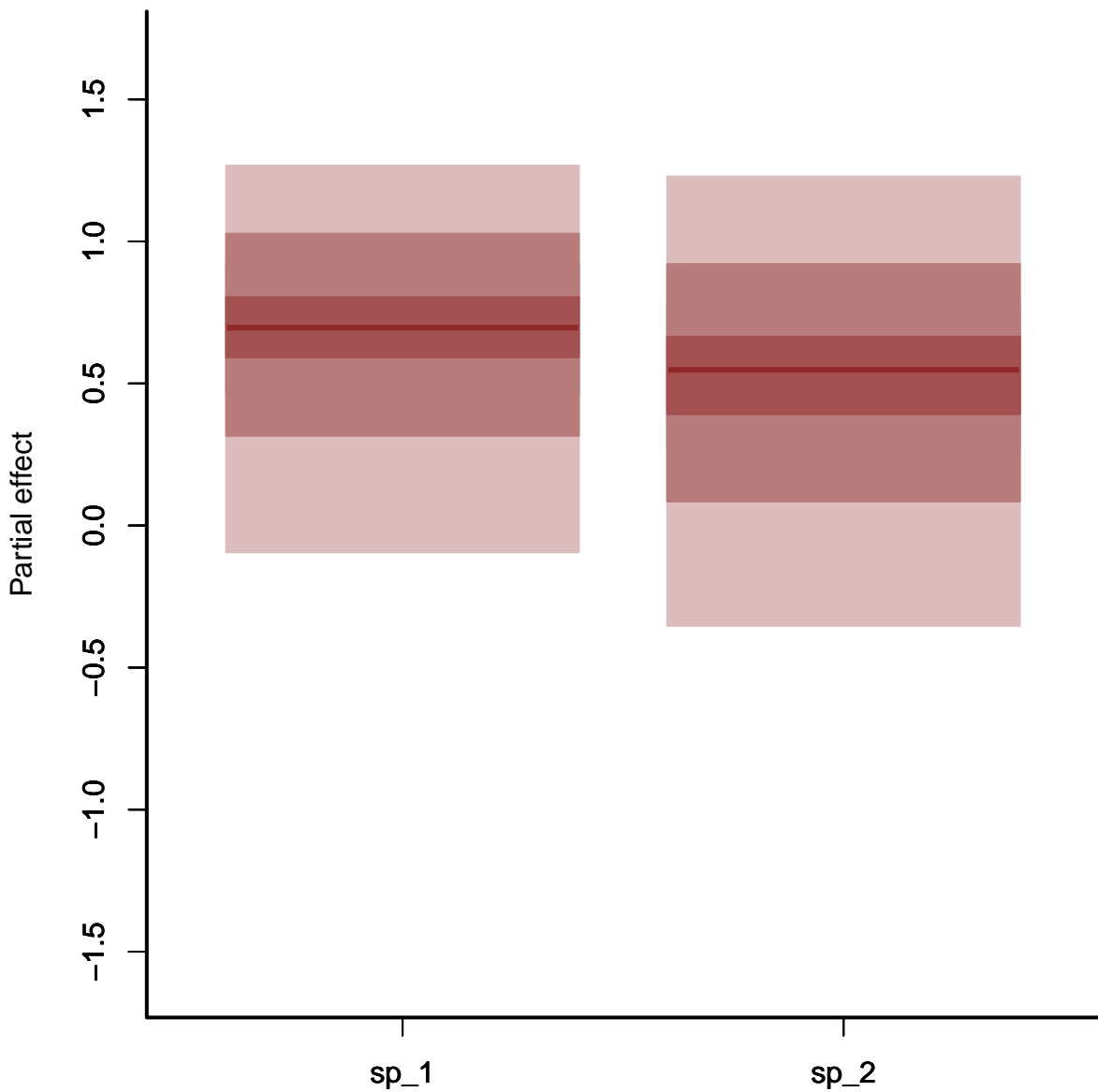








species



species

0.5

0.0

-0.5

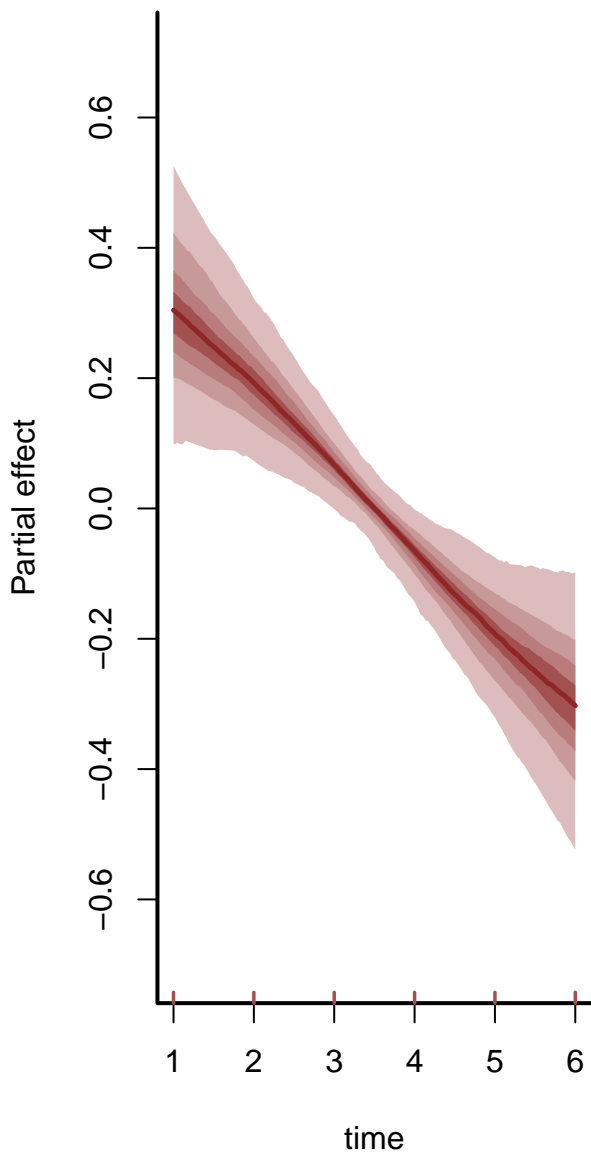
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-1.5

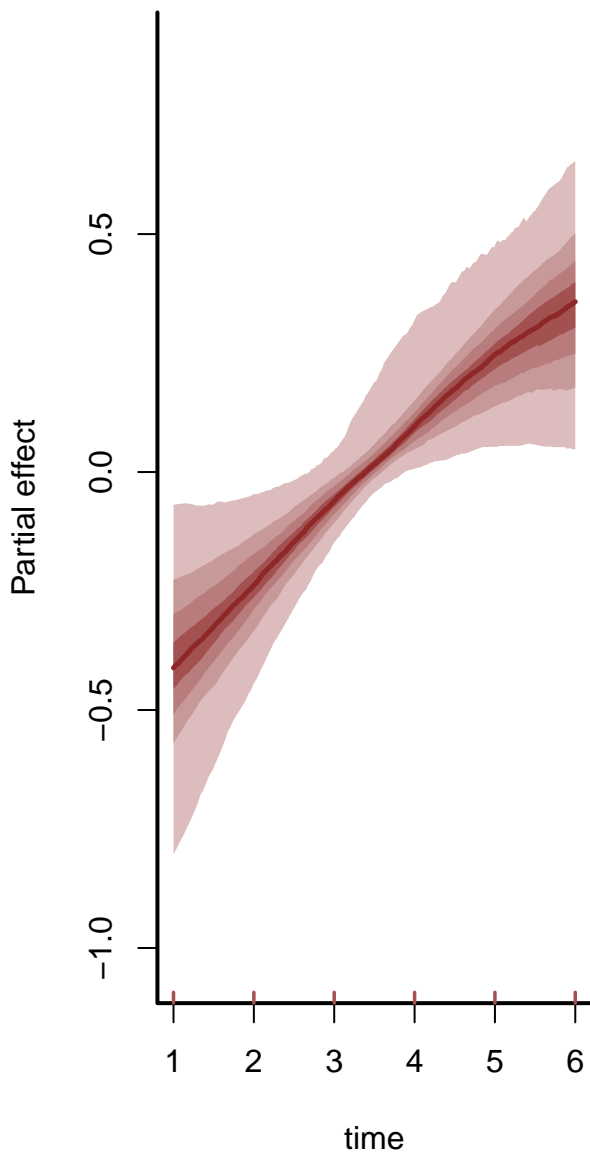
Partial effect



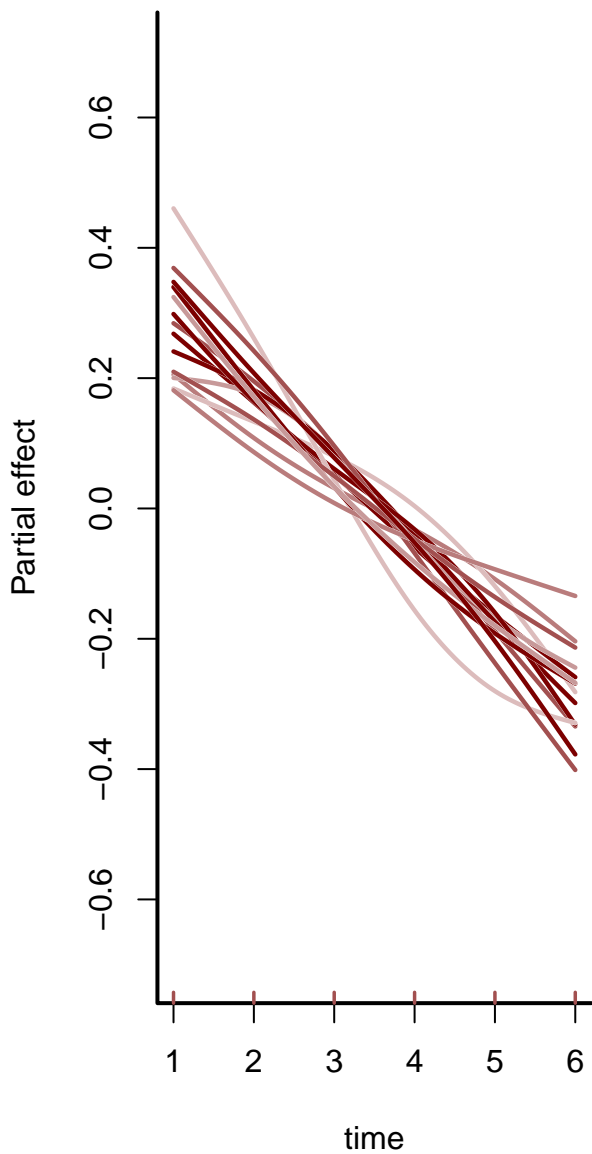
s(time):trendtrend1



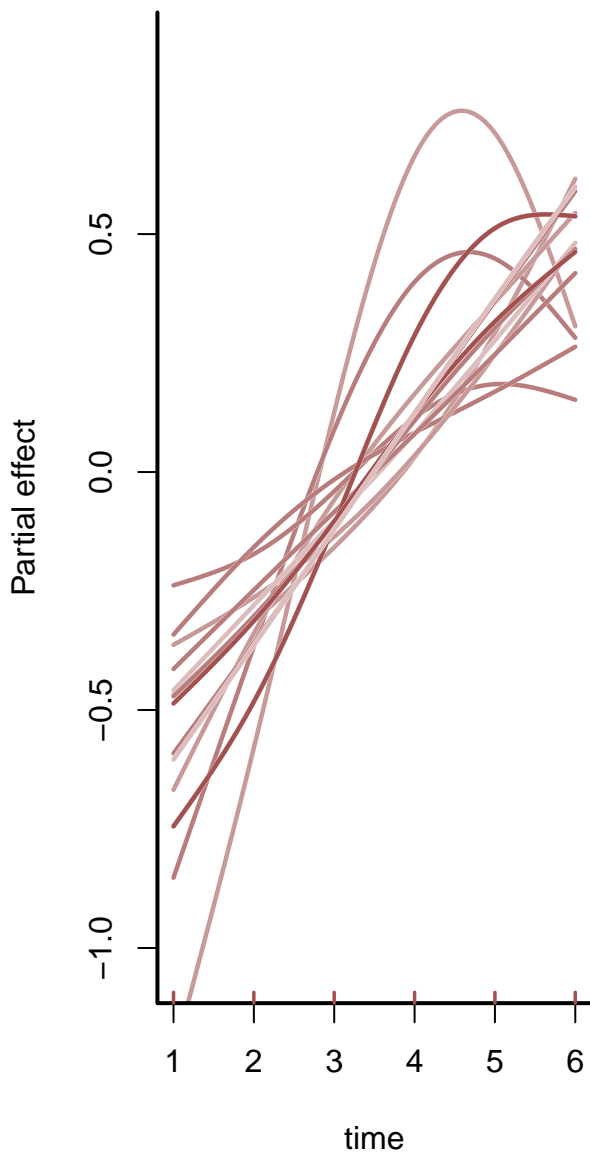
s(time):trendtrend2



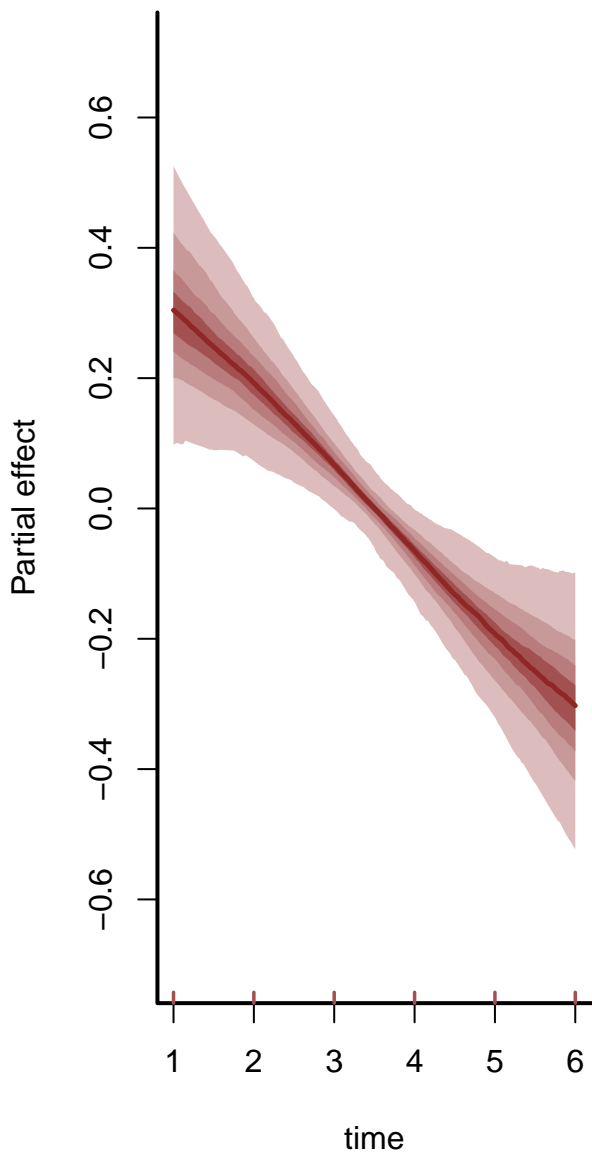
s(time):trendtrend1



s(time):trendtrend2



s(time):trendtrend1



s(time):trendtrend2

