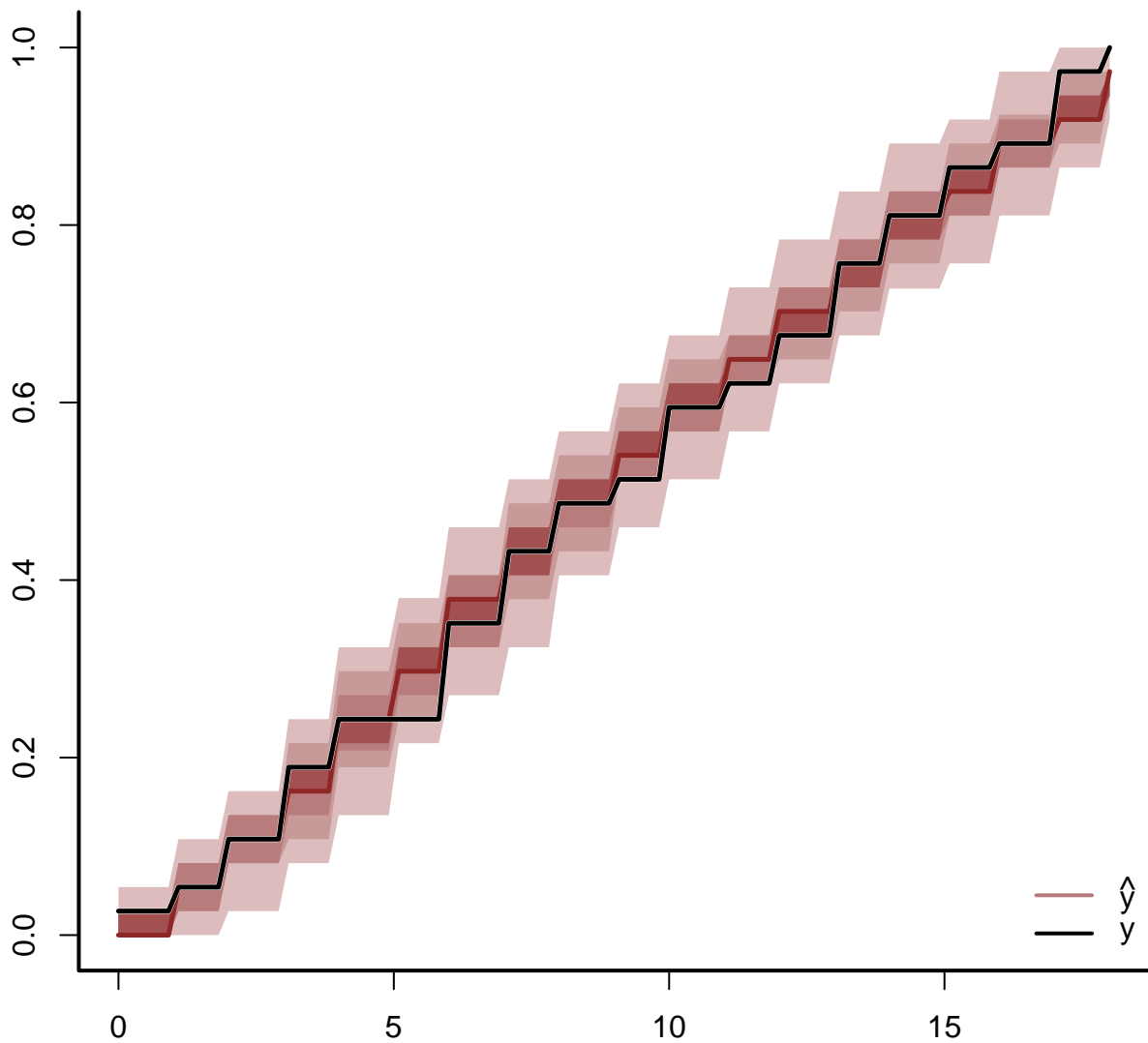
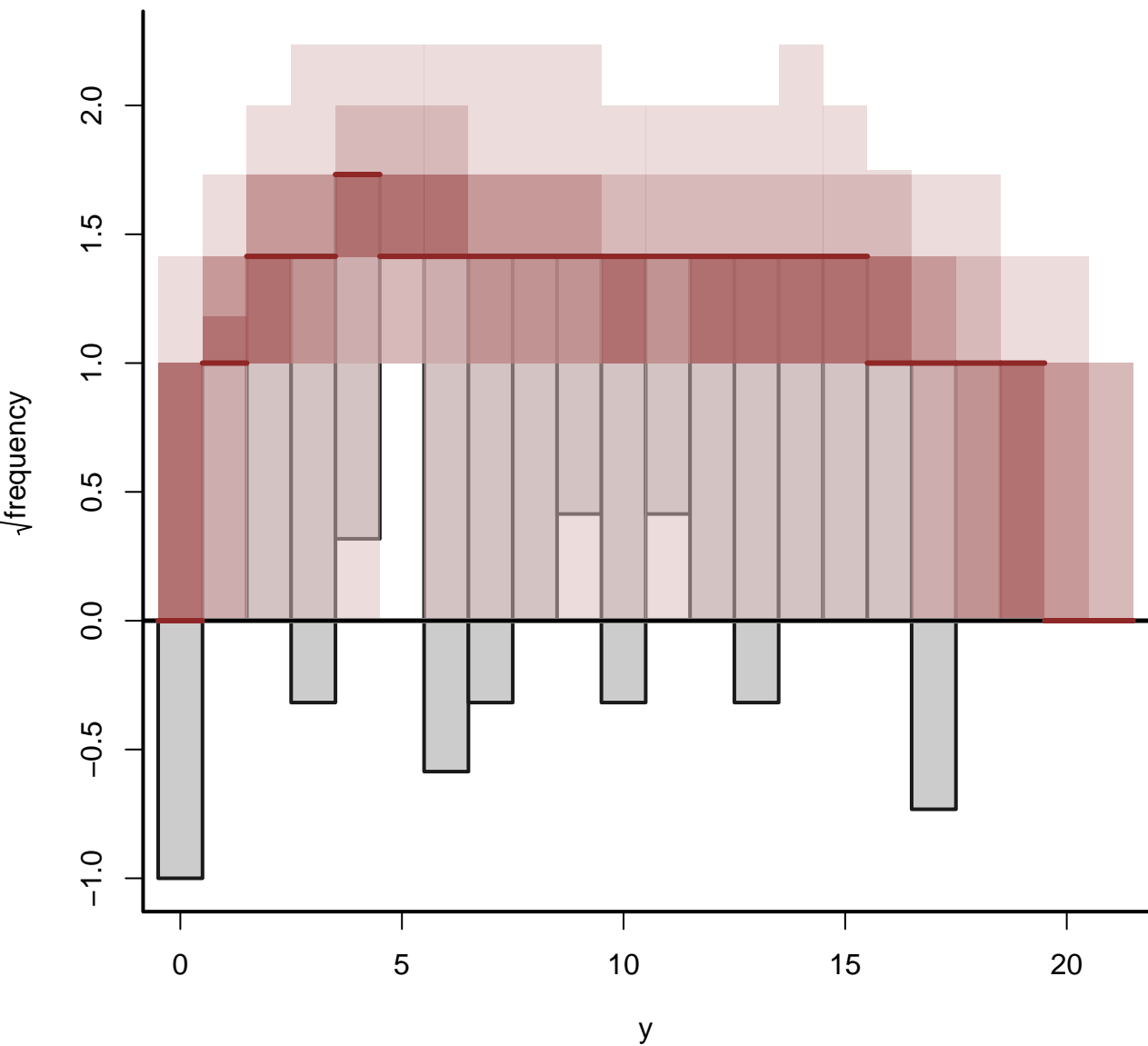
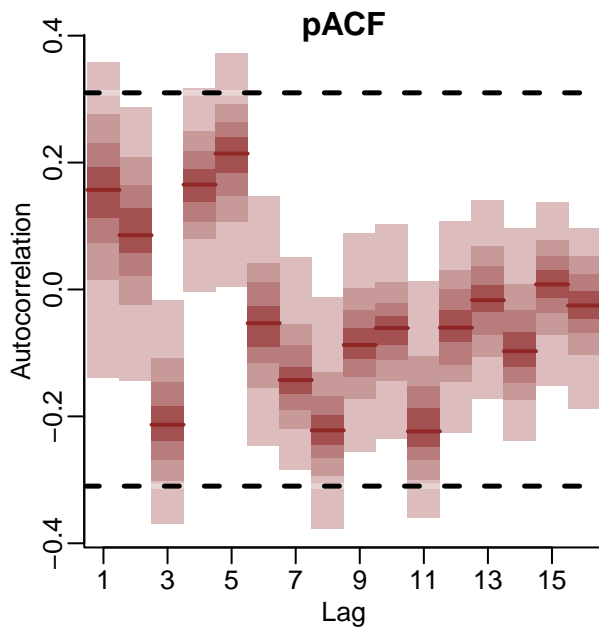
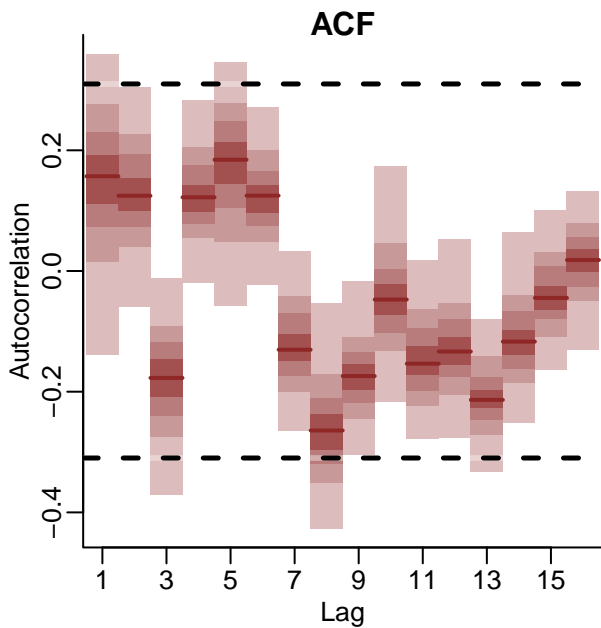
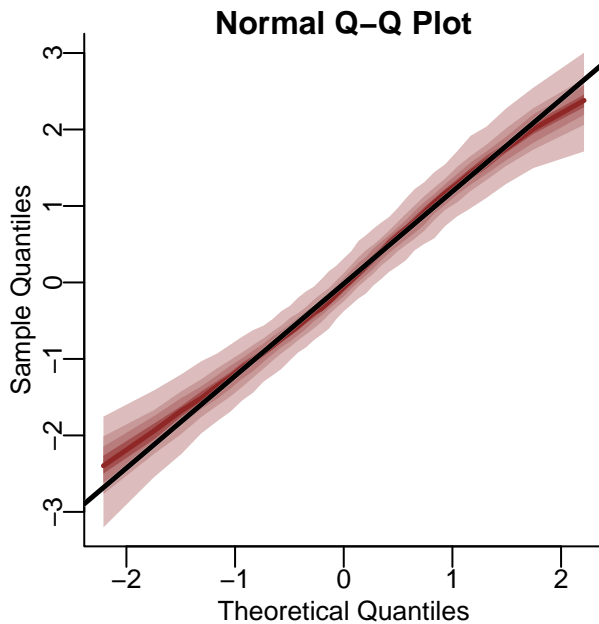
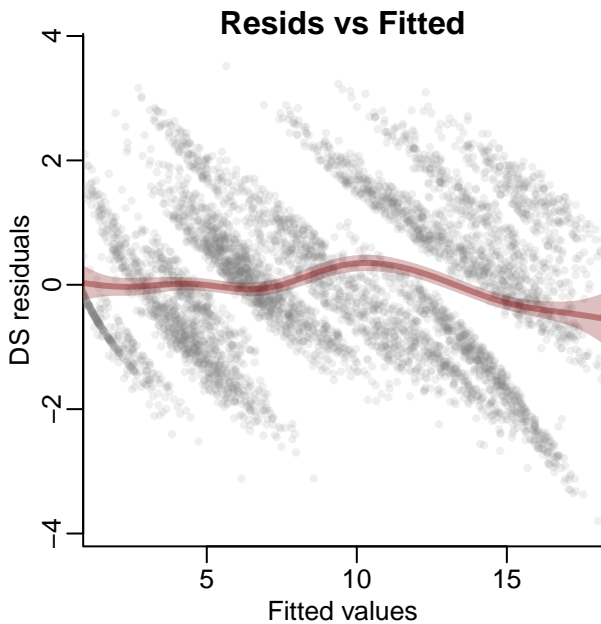


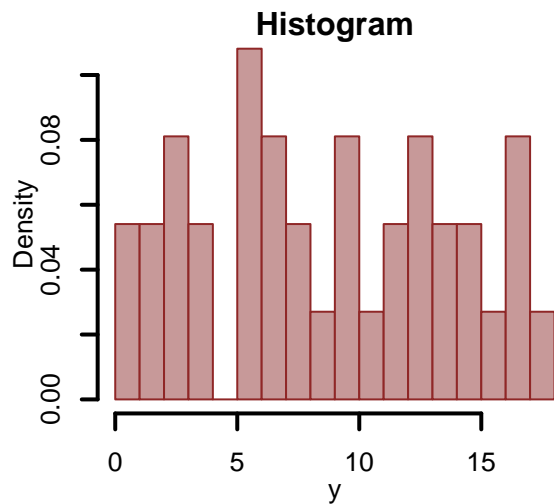
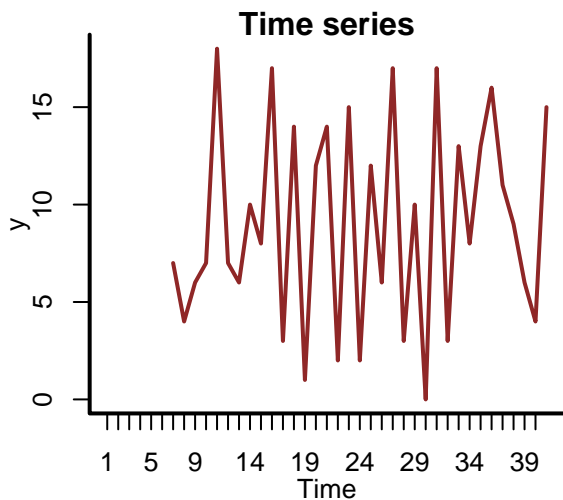
Predictive PIT for series1

Predictive CDF for series1







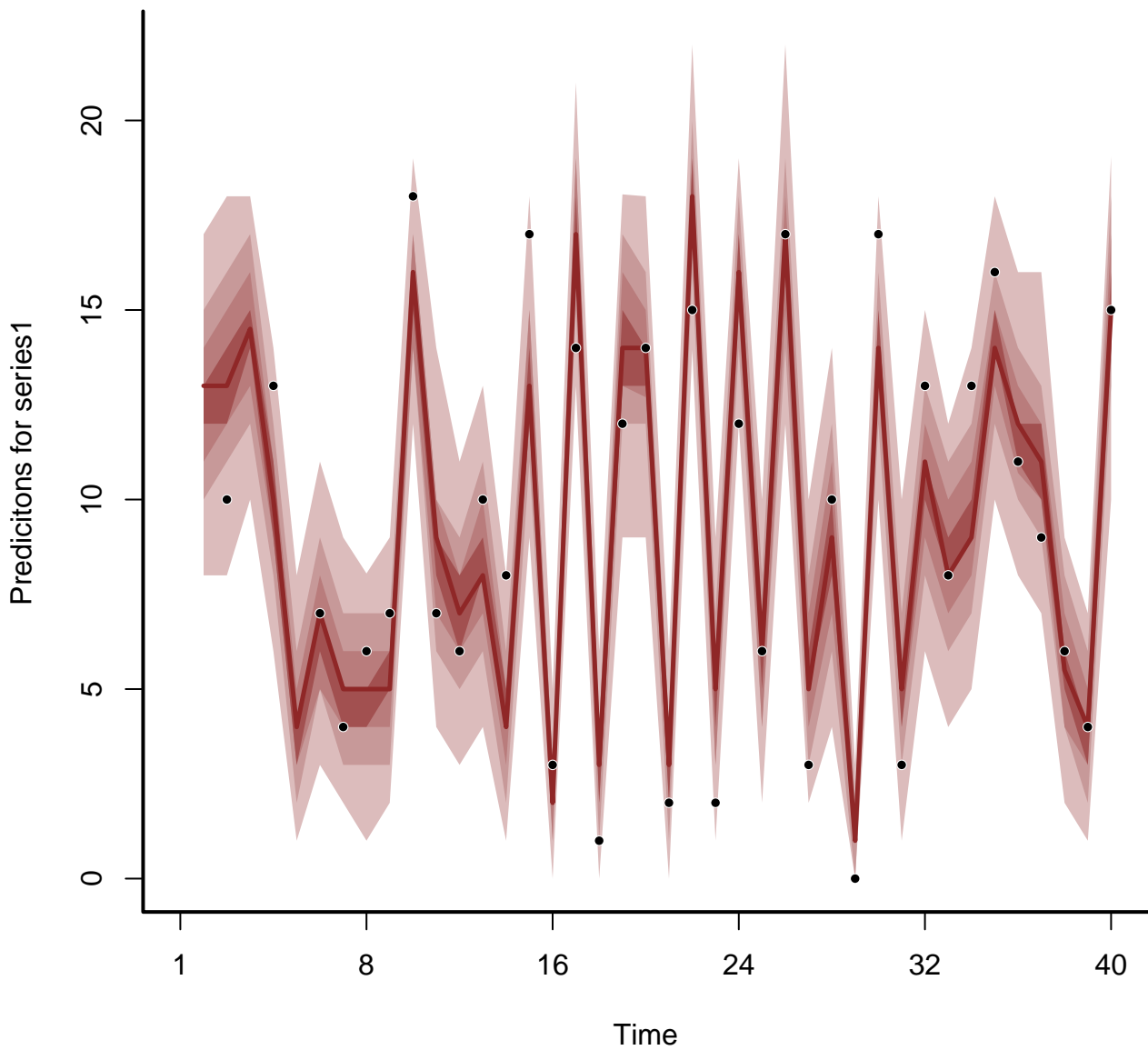


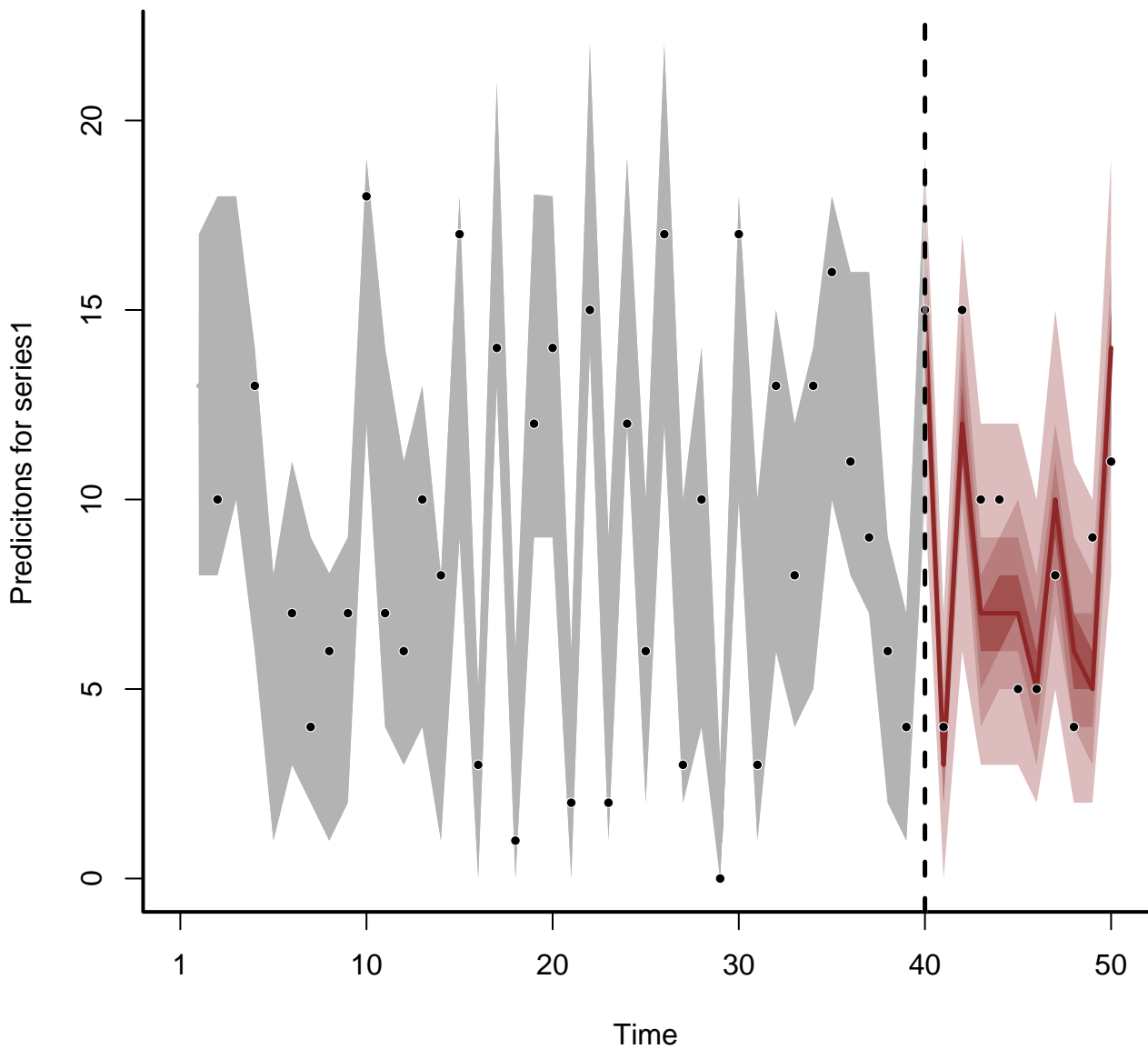
series1

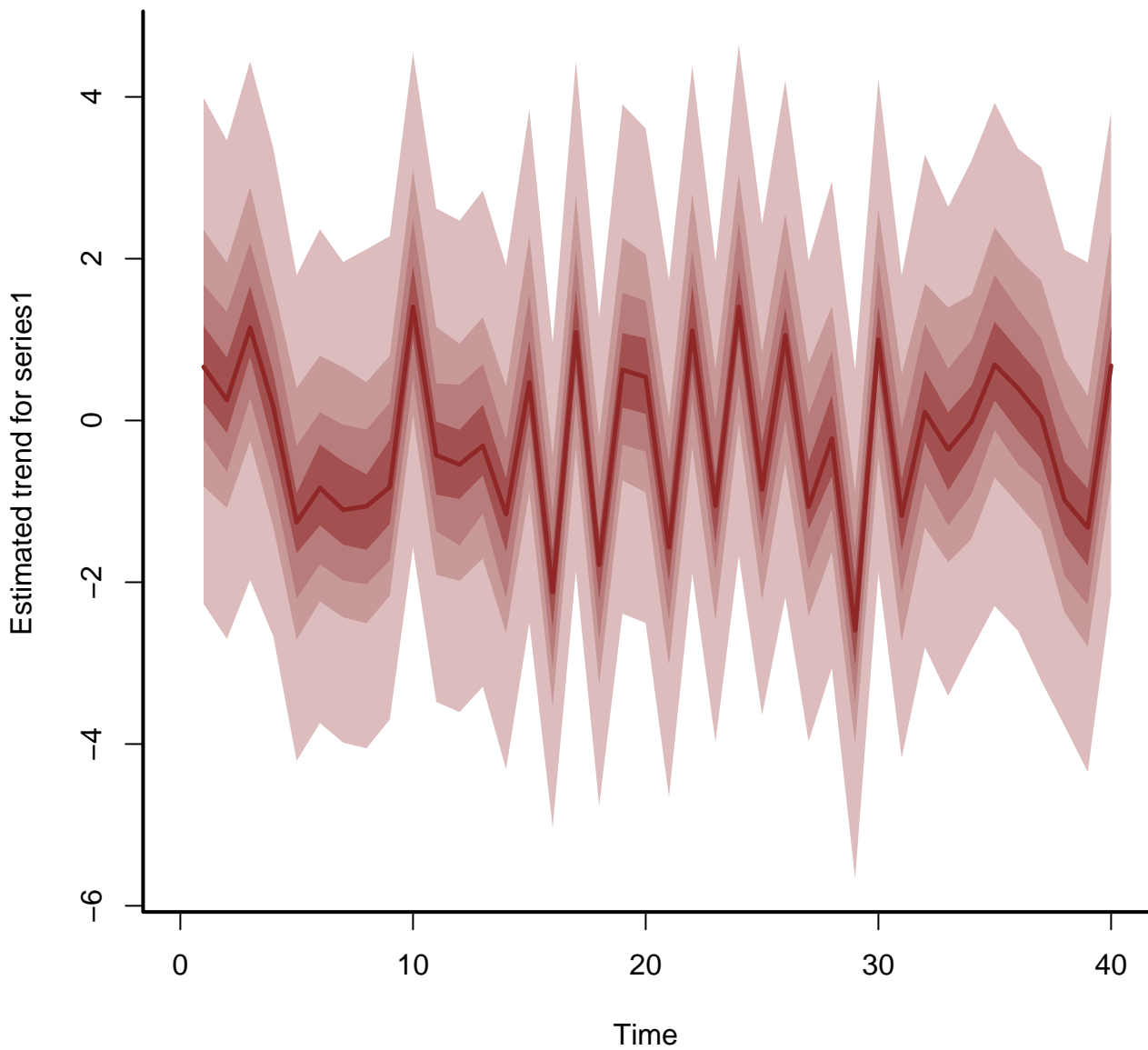


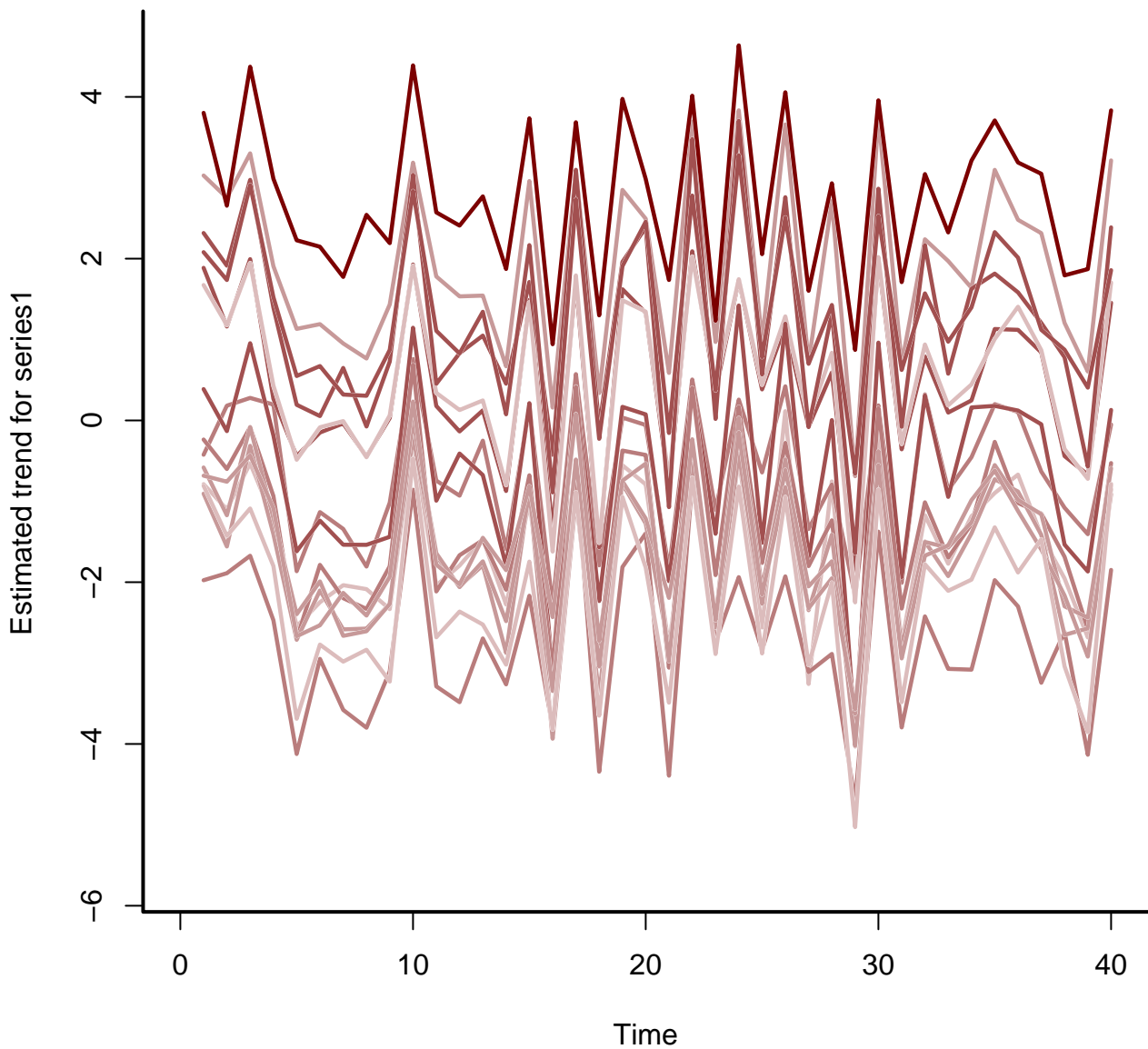
series2

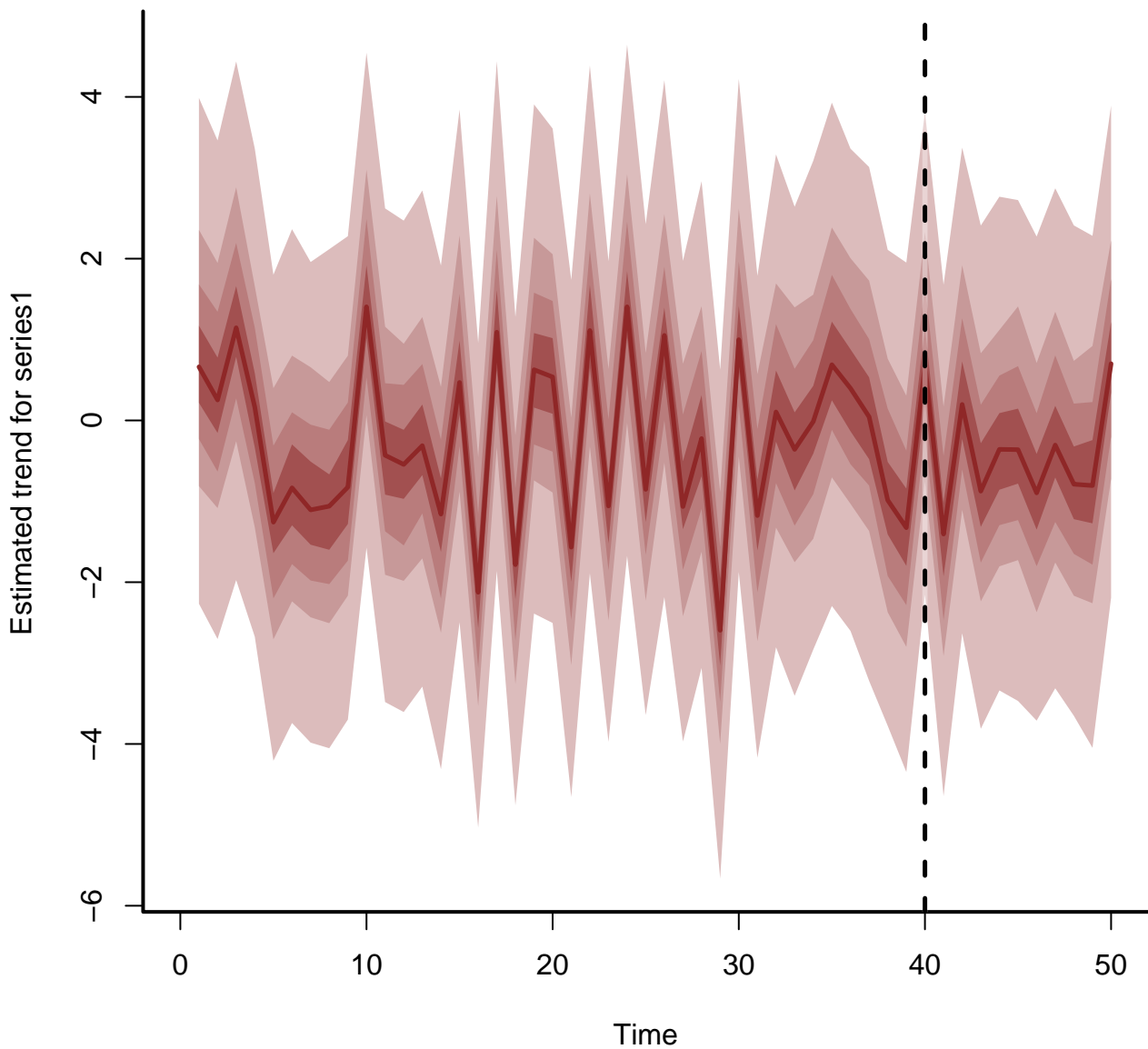


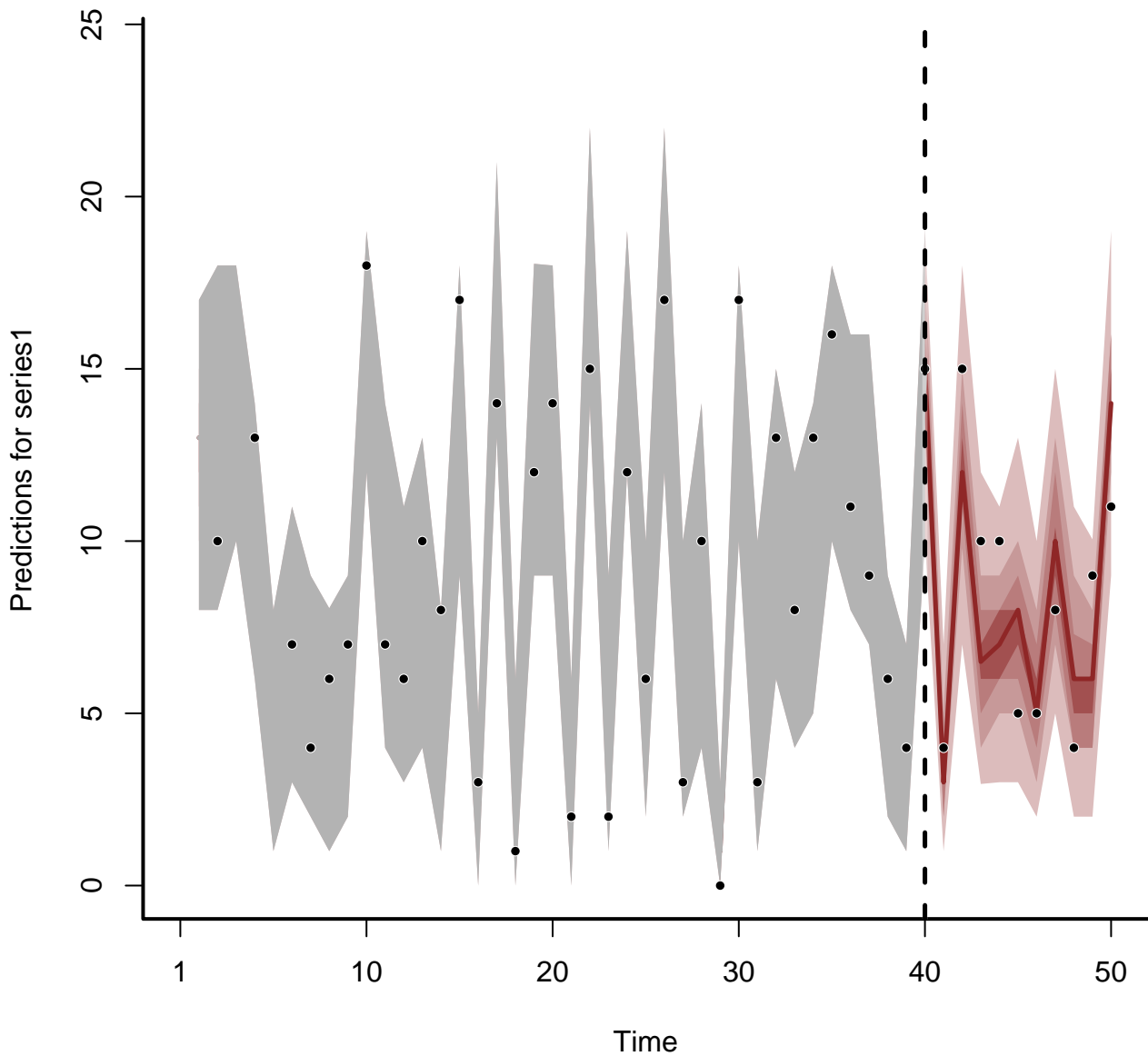


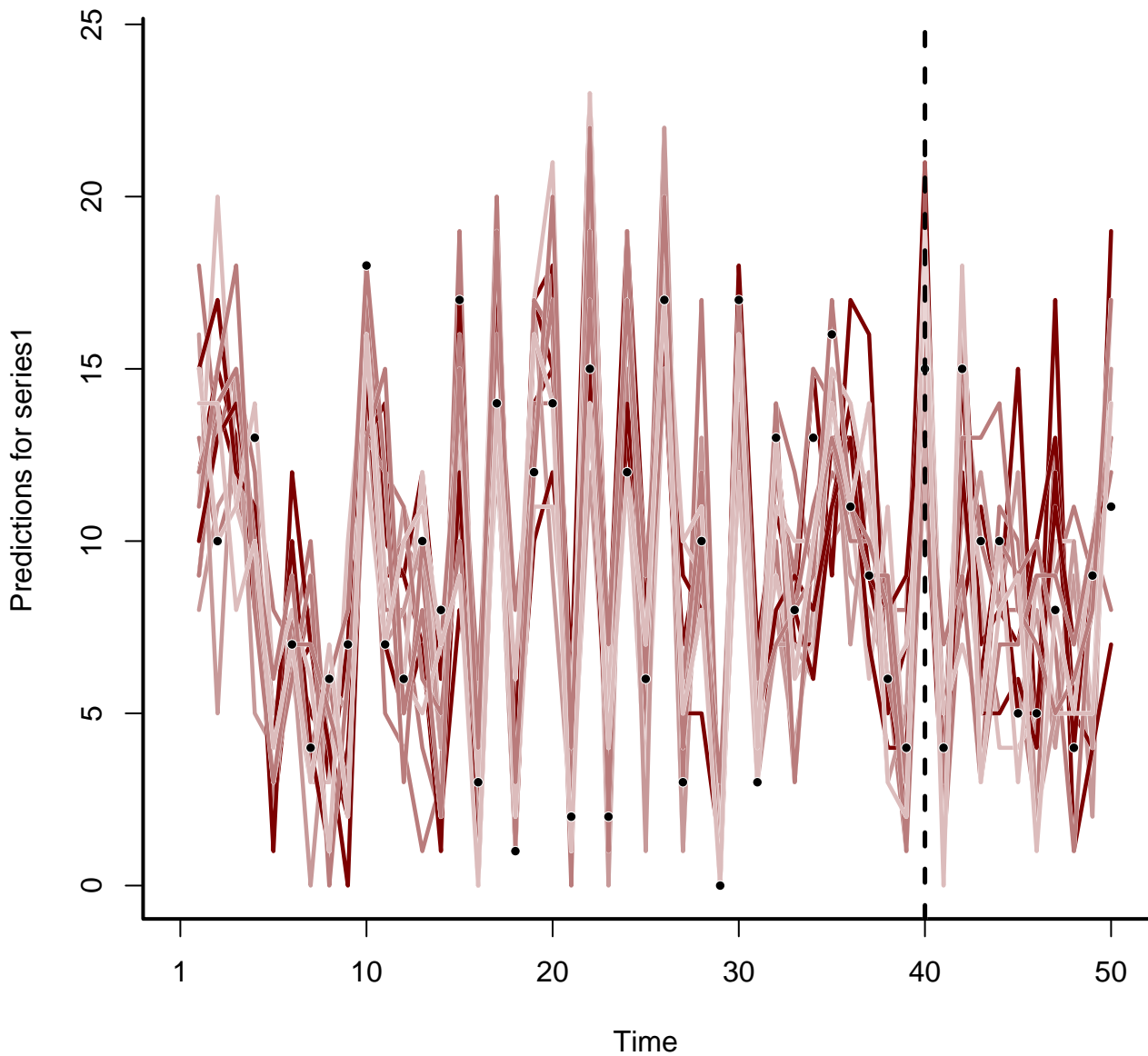




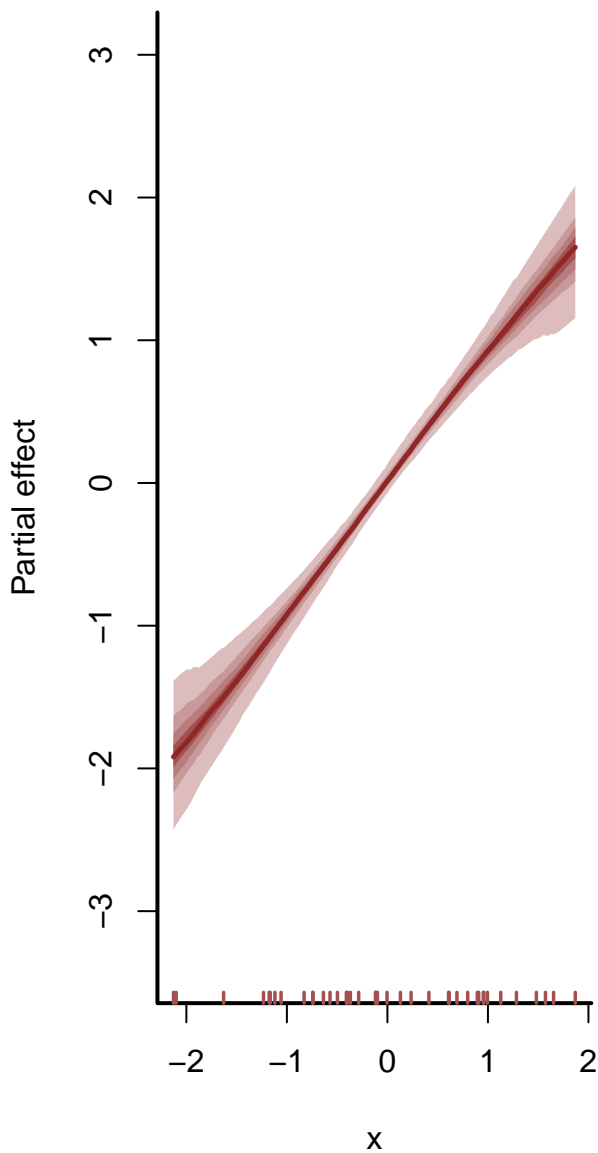




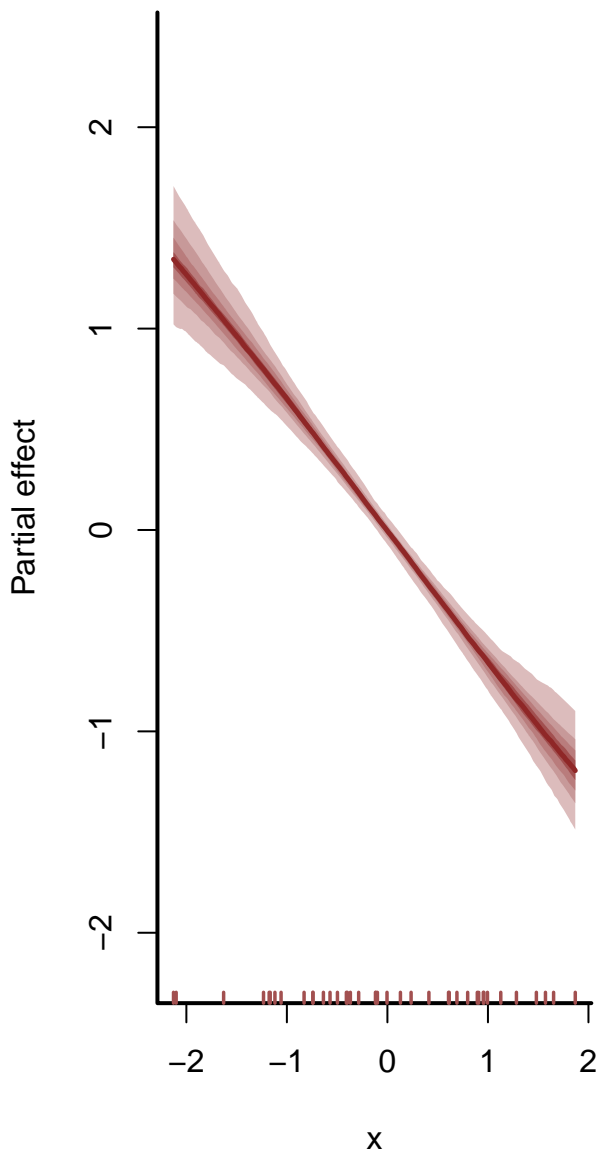




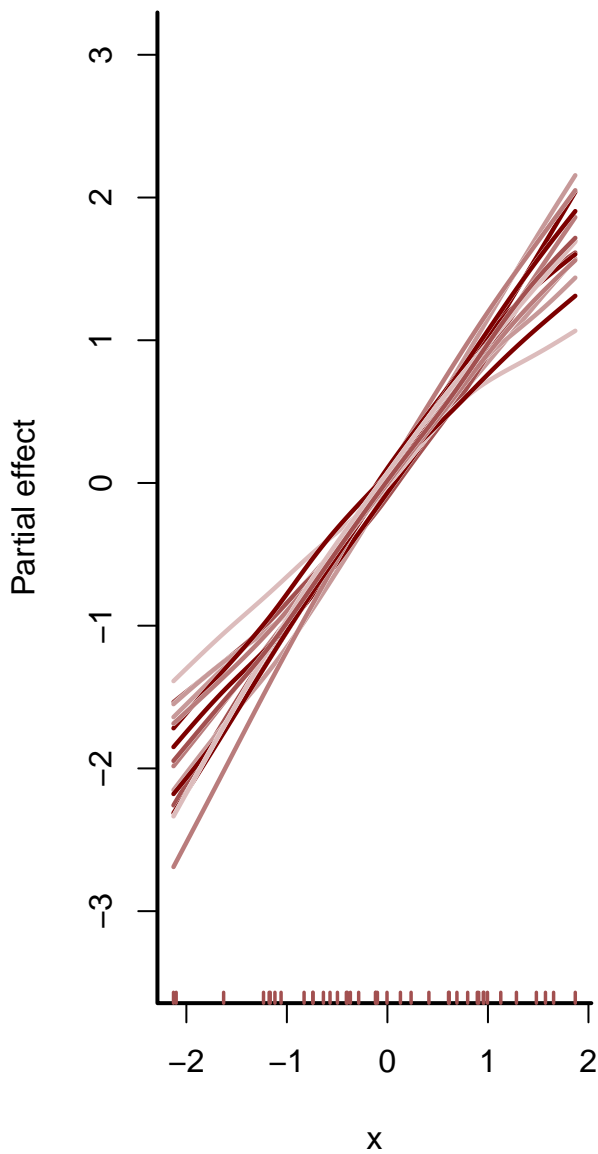
s(x):trendtrend1



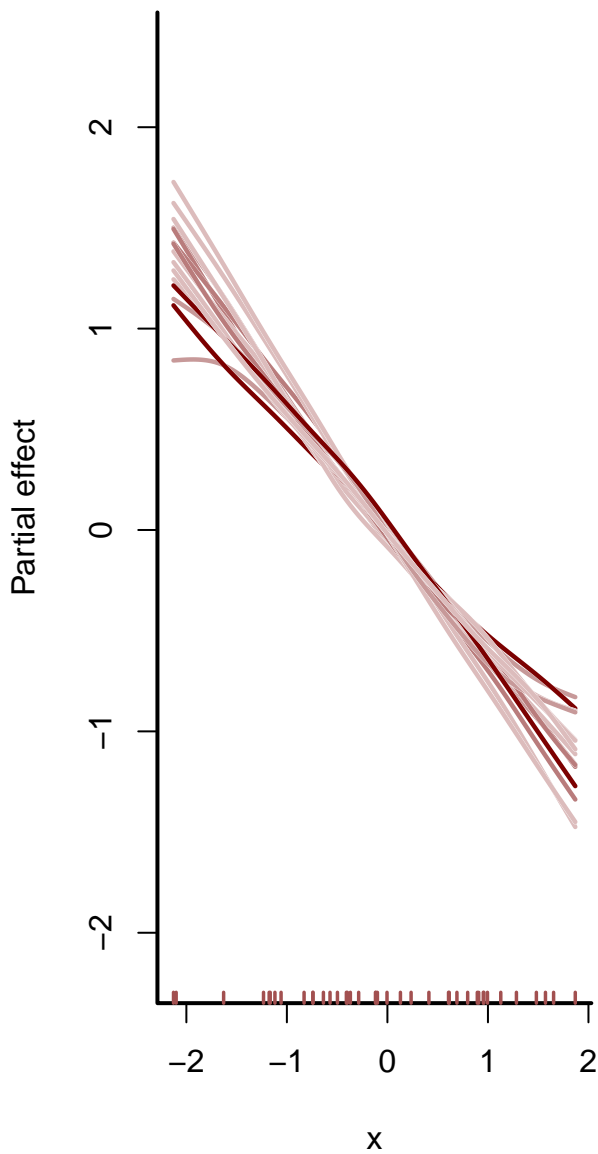
s(x):trendtrend2



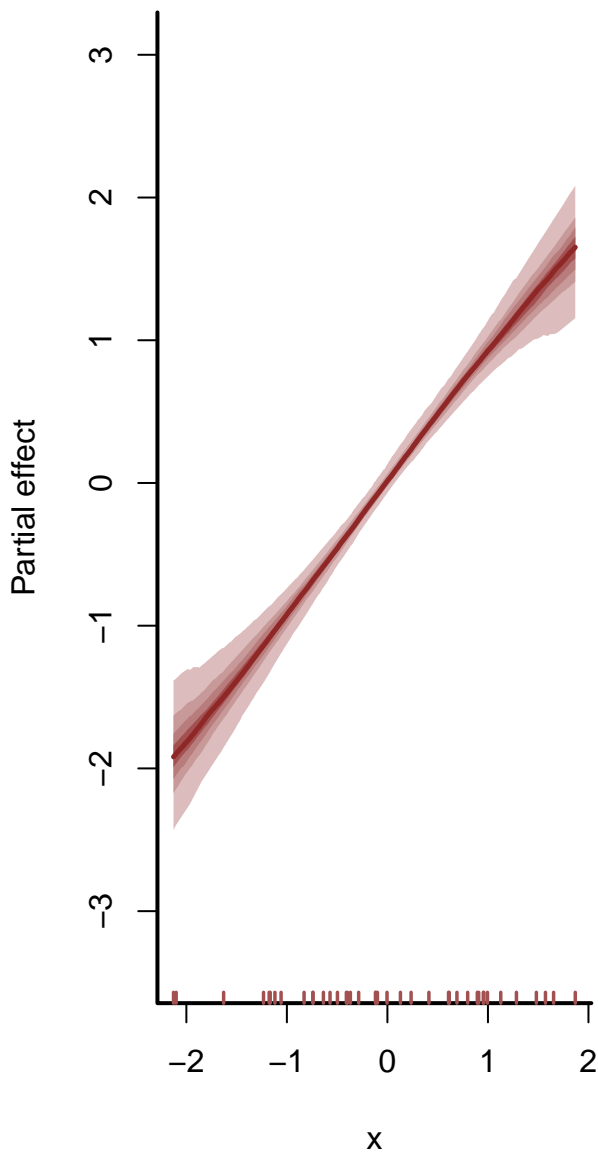
s(x):trendtrend1



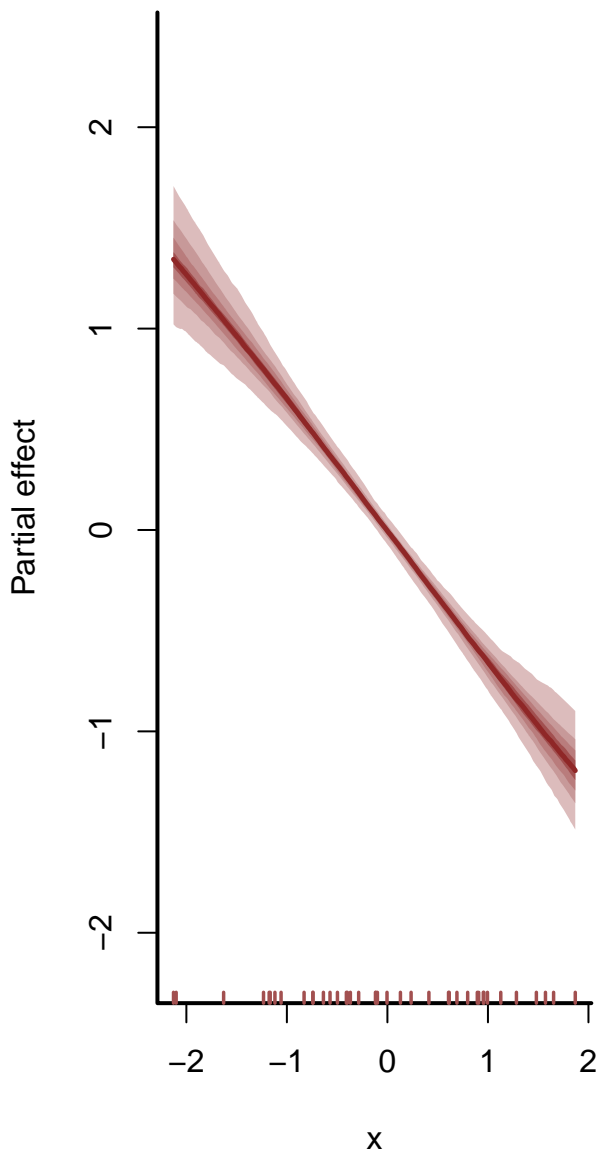
s(x):trendtrend2

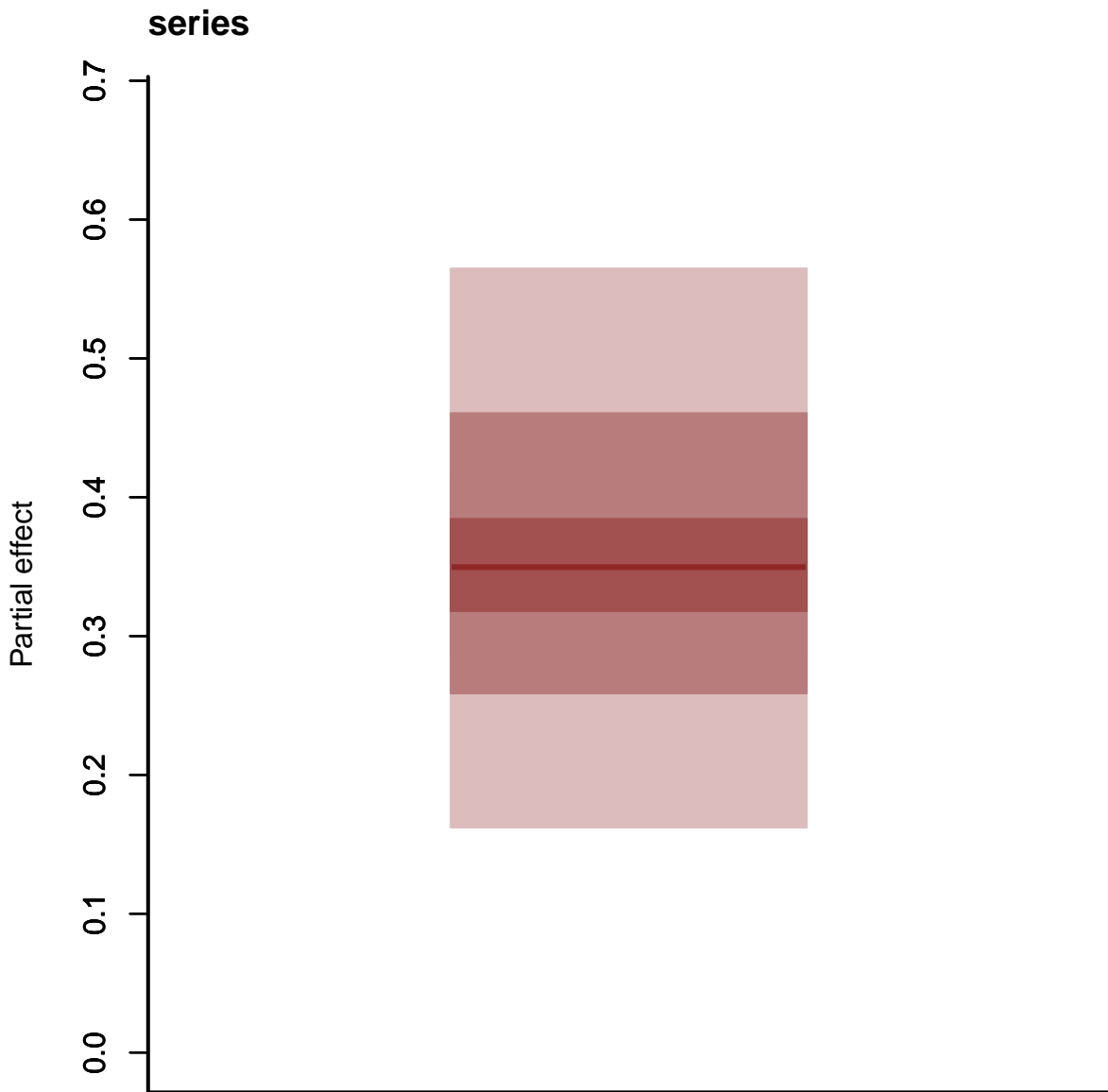


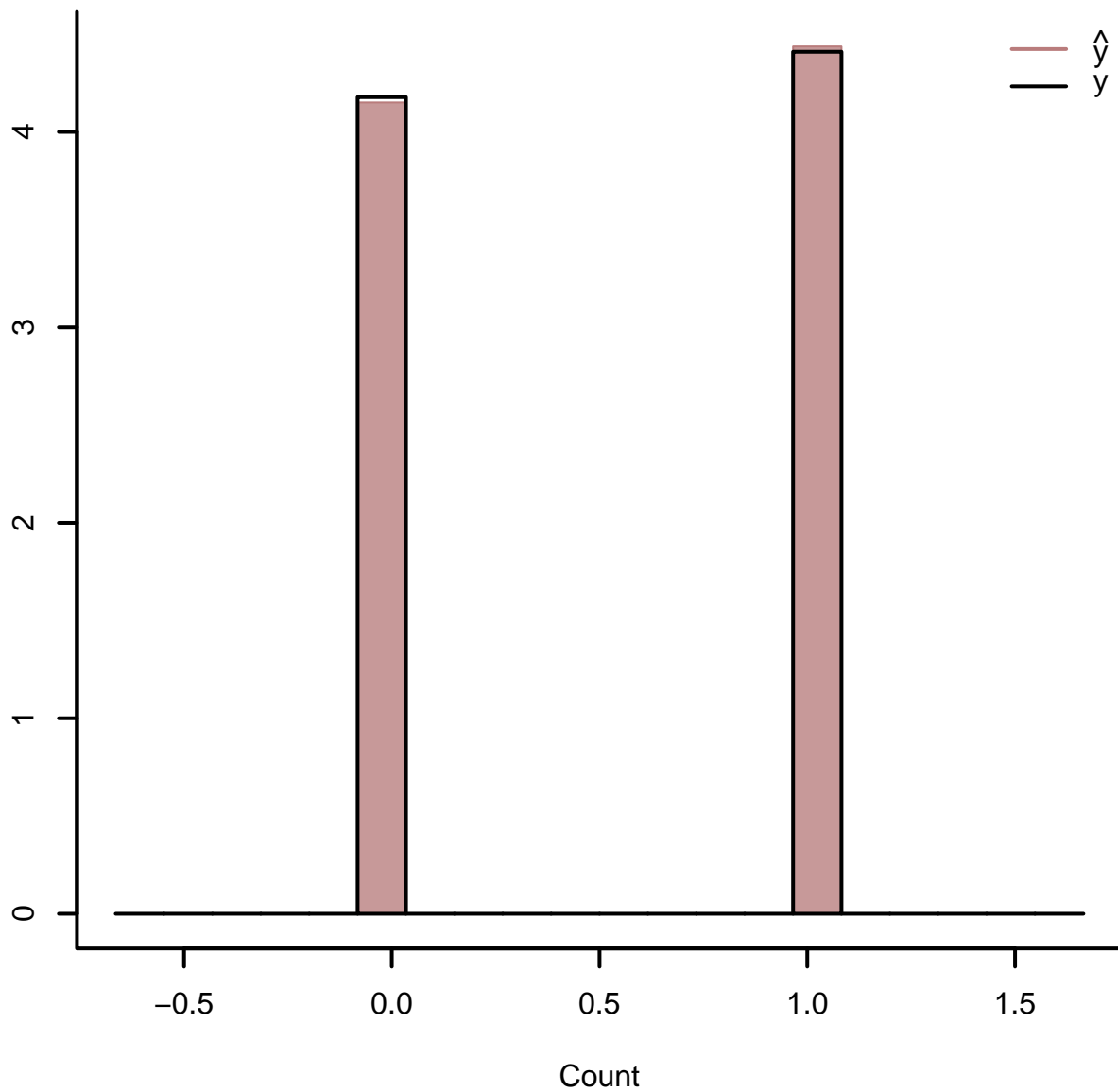
s(x):trendtrend1

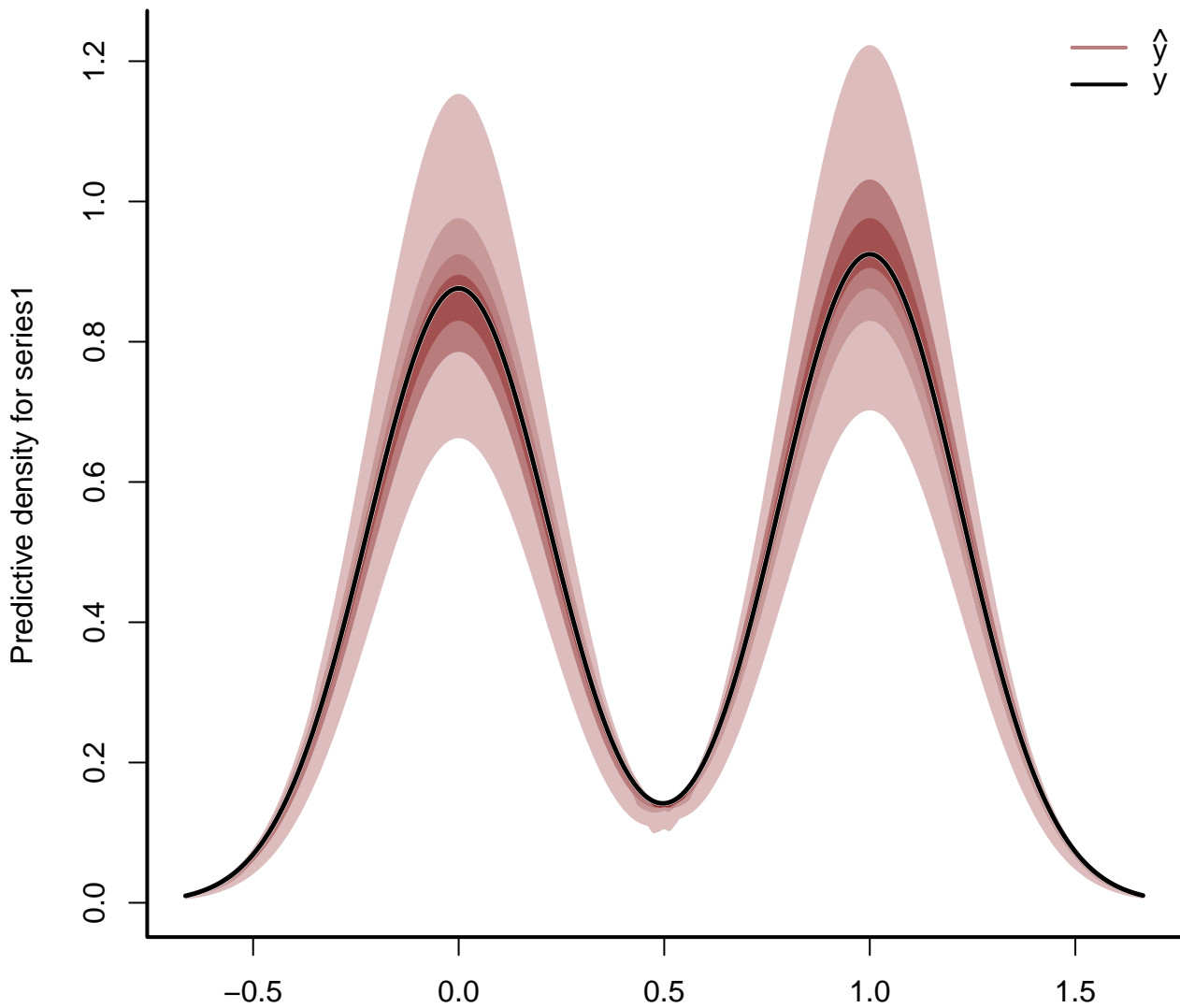


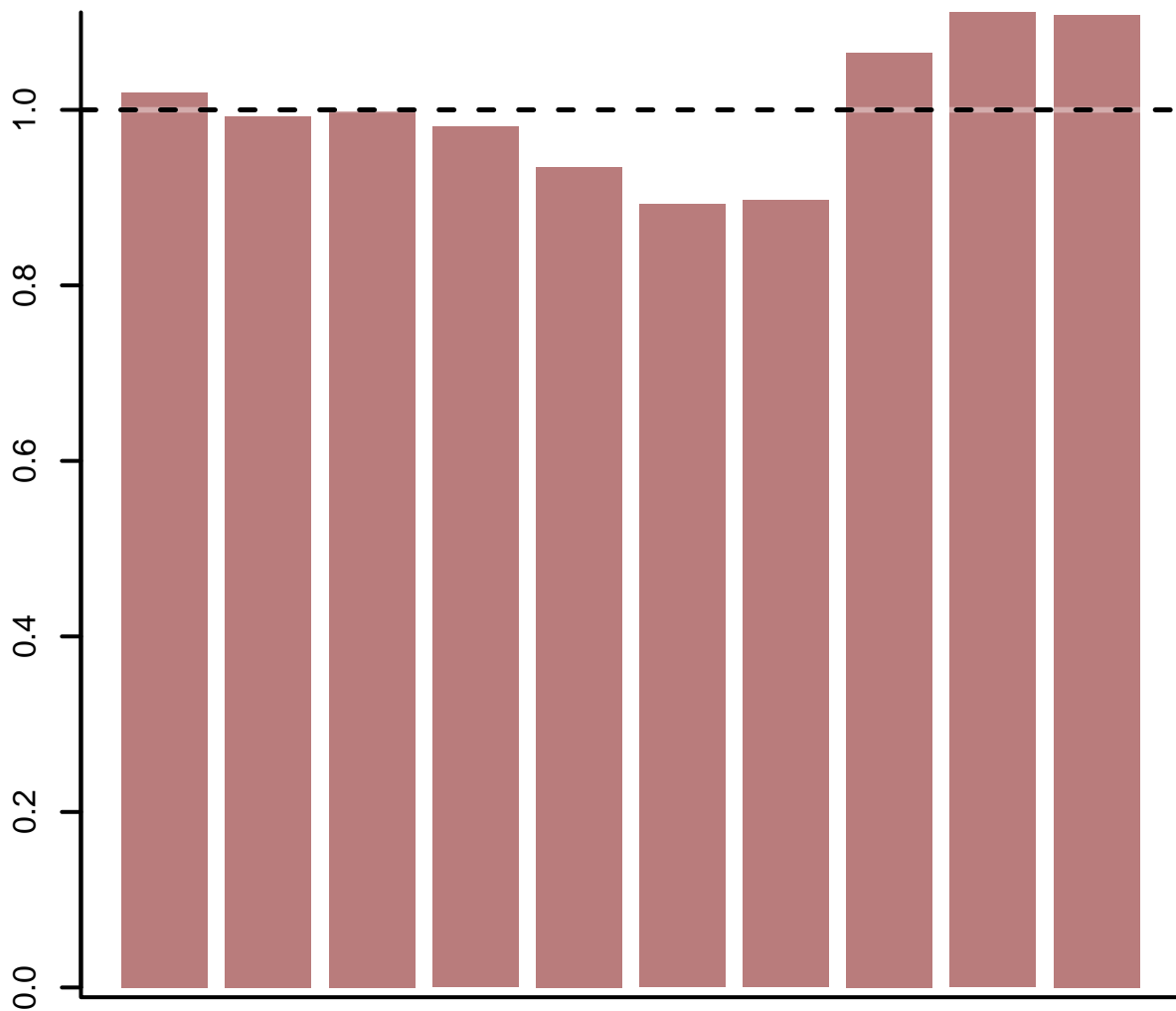
s(x):trendtrend2





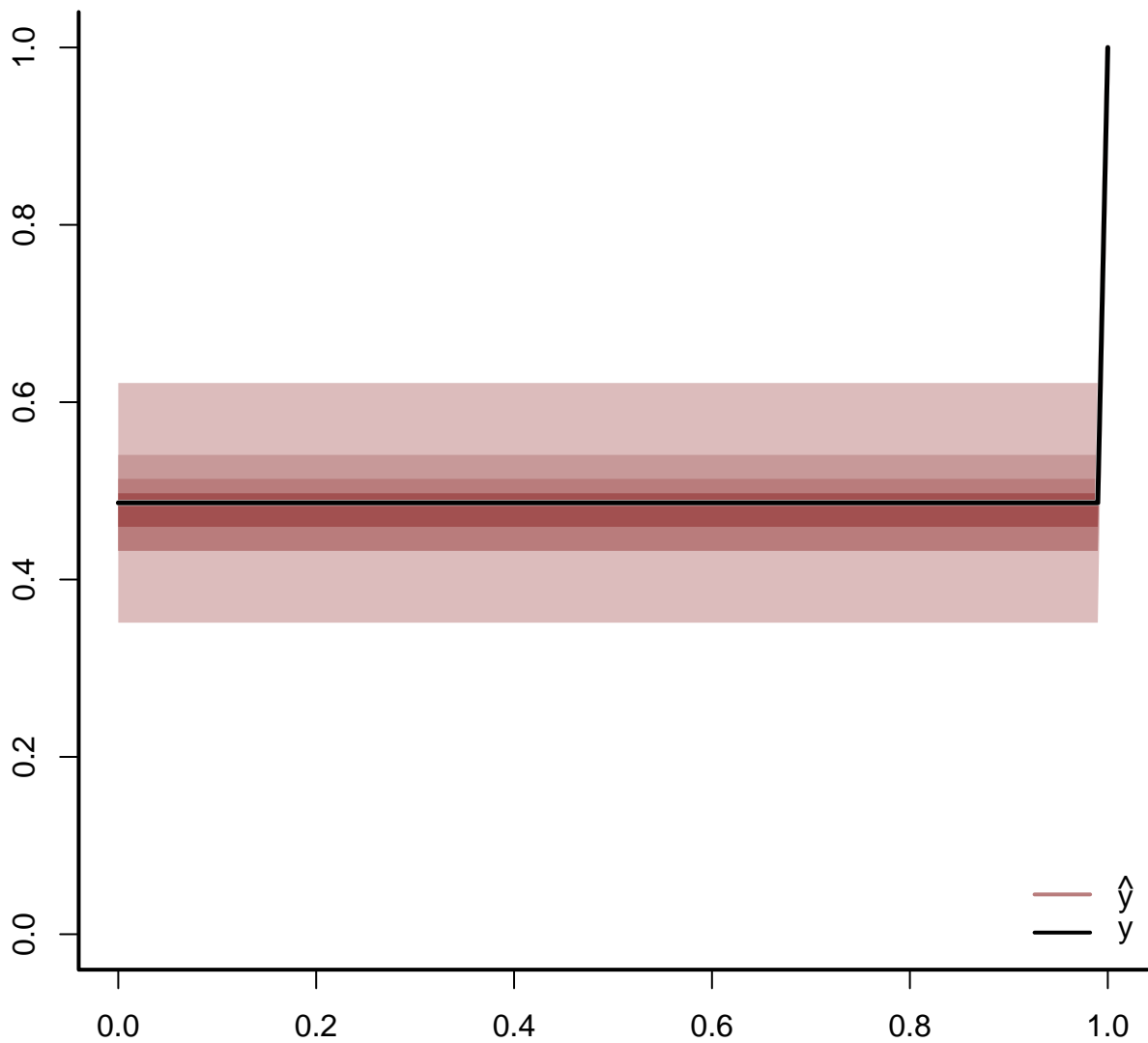


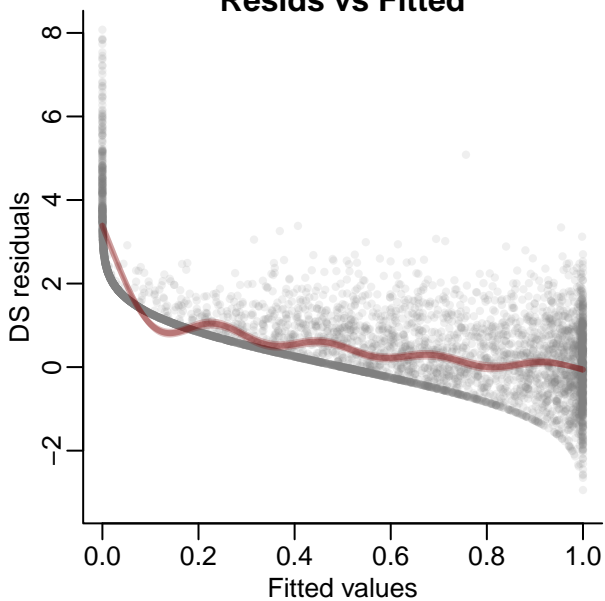
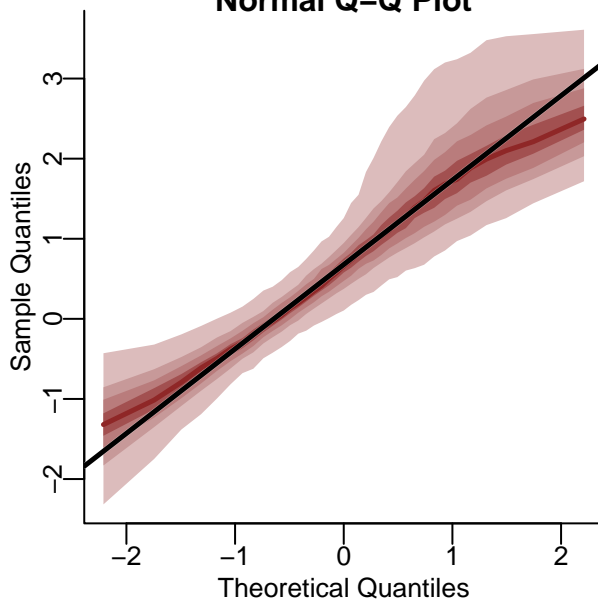
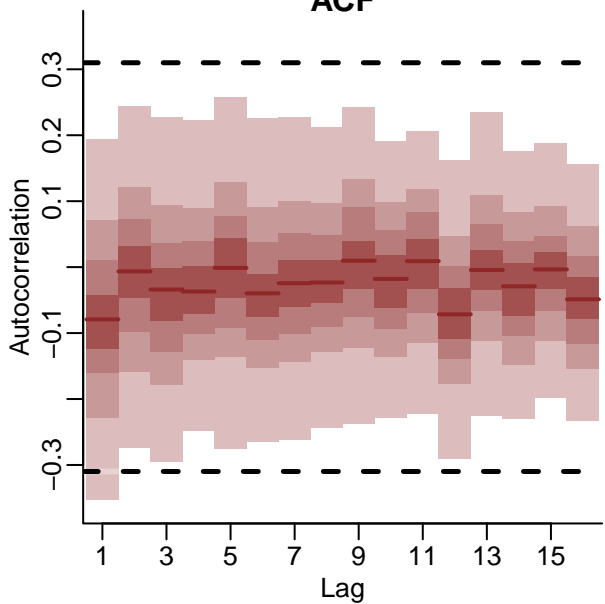
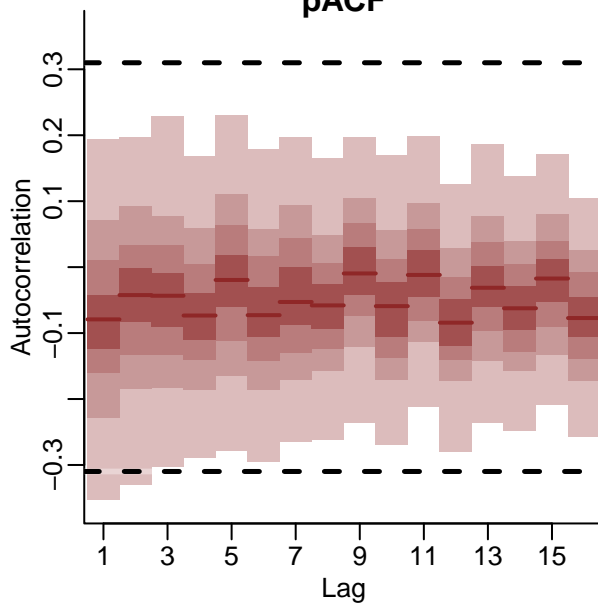


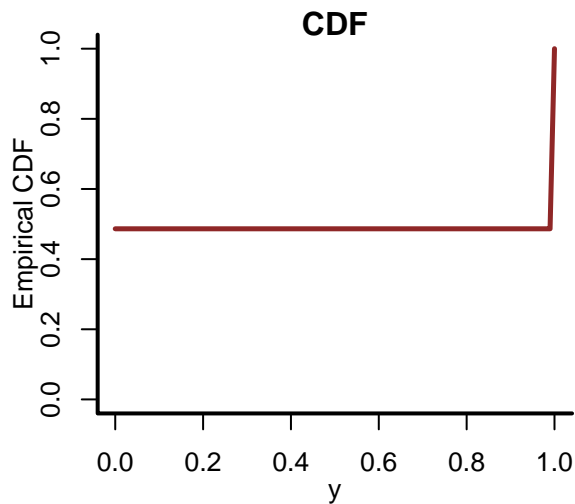
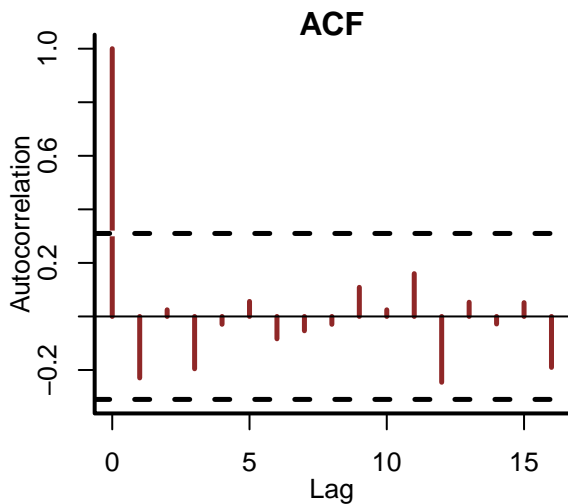
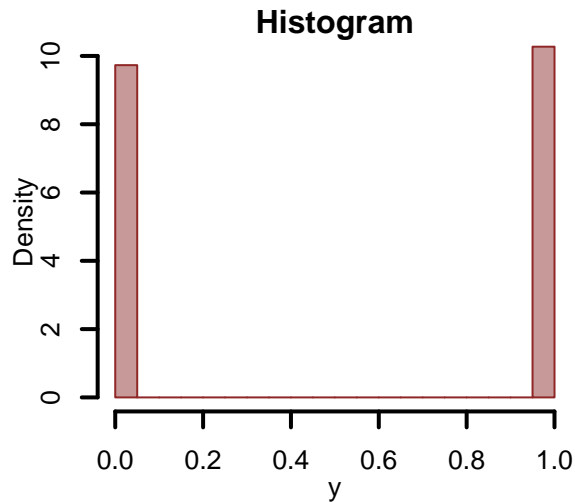
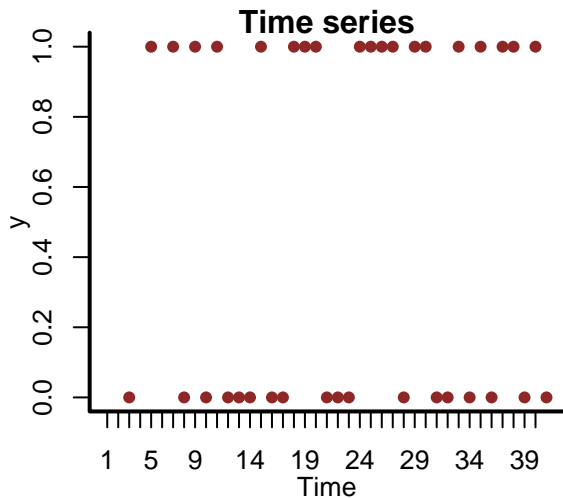


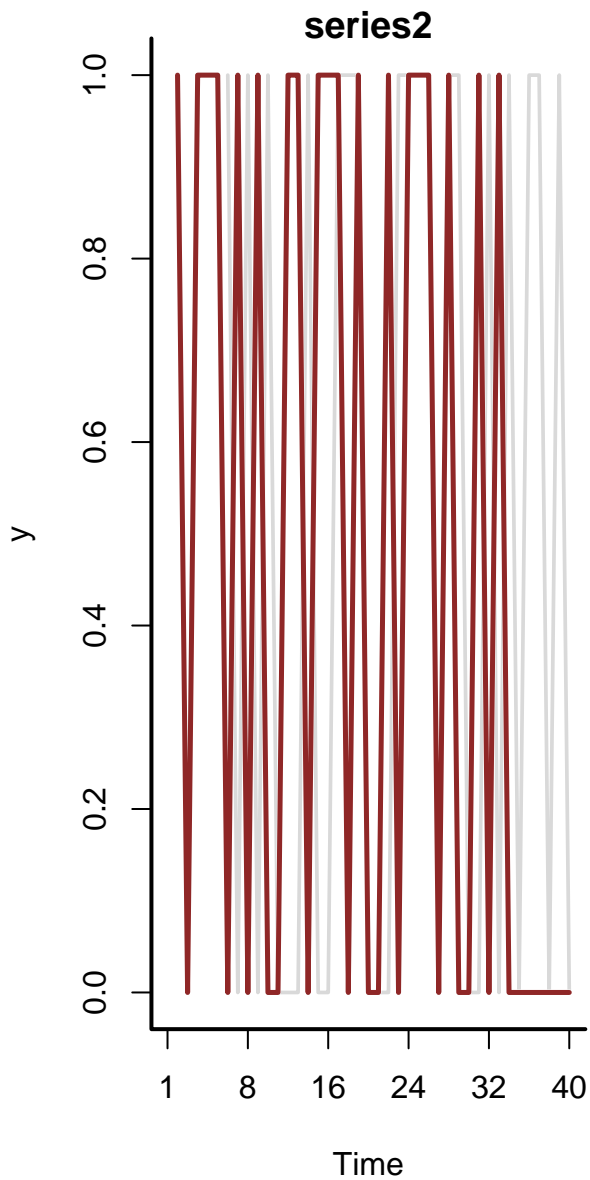
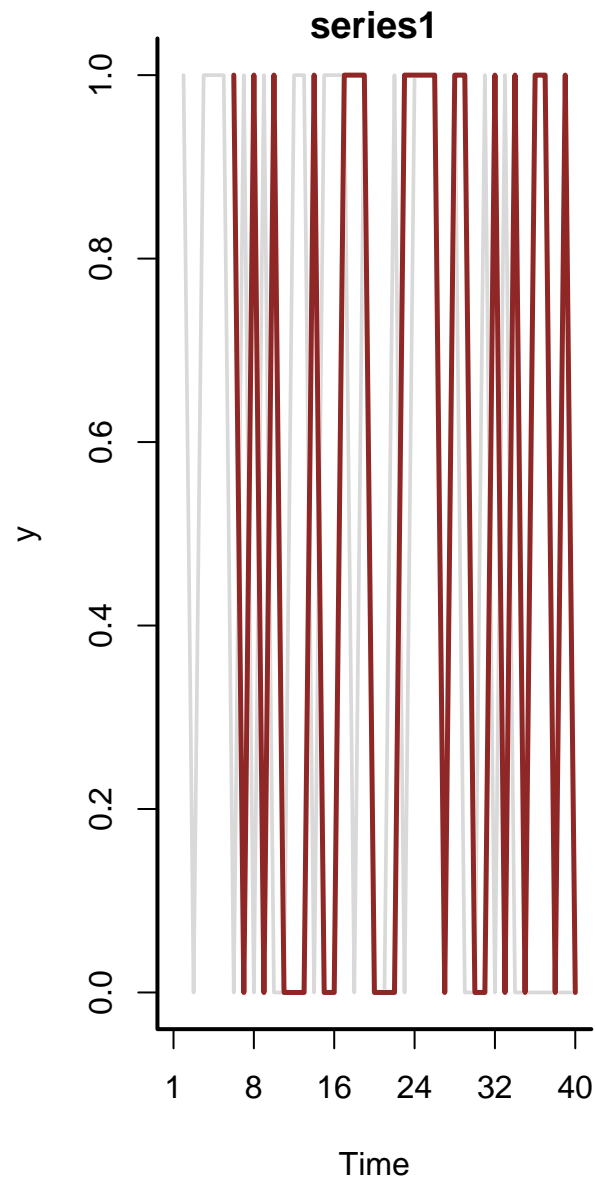
Predictive PIT for series1

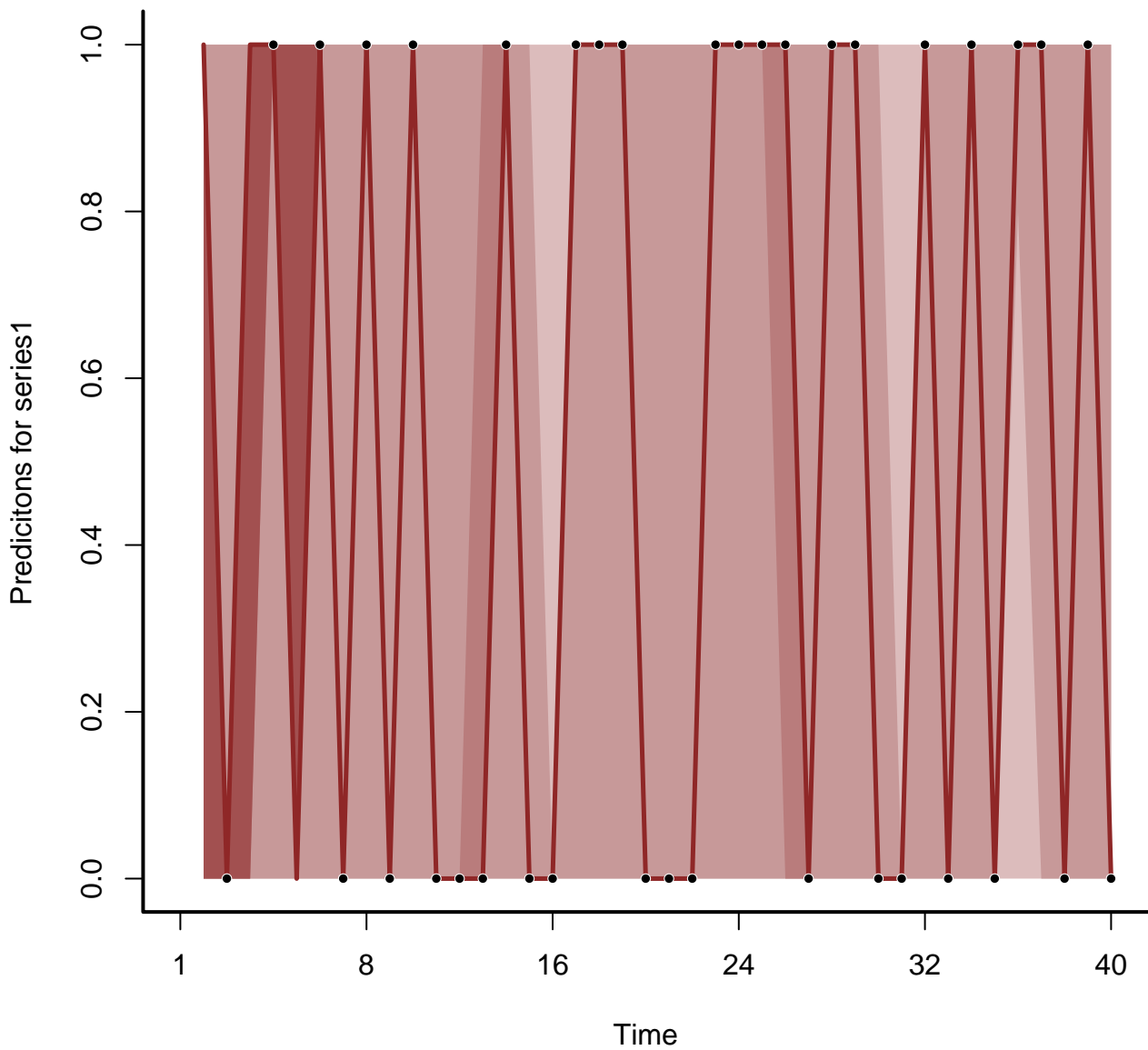
Predictive CDF for series1



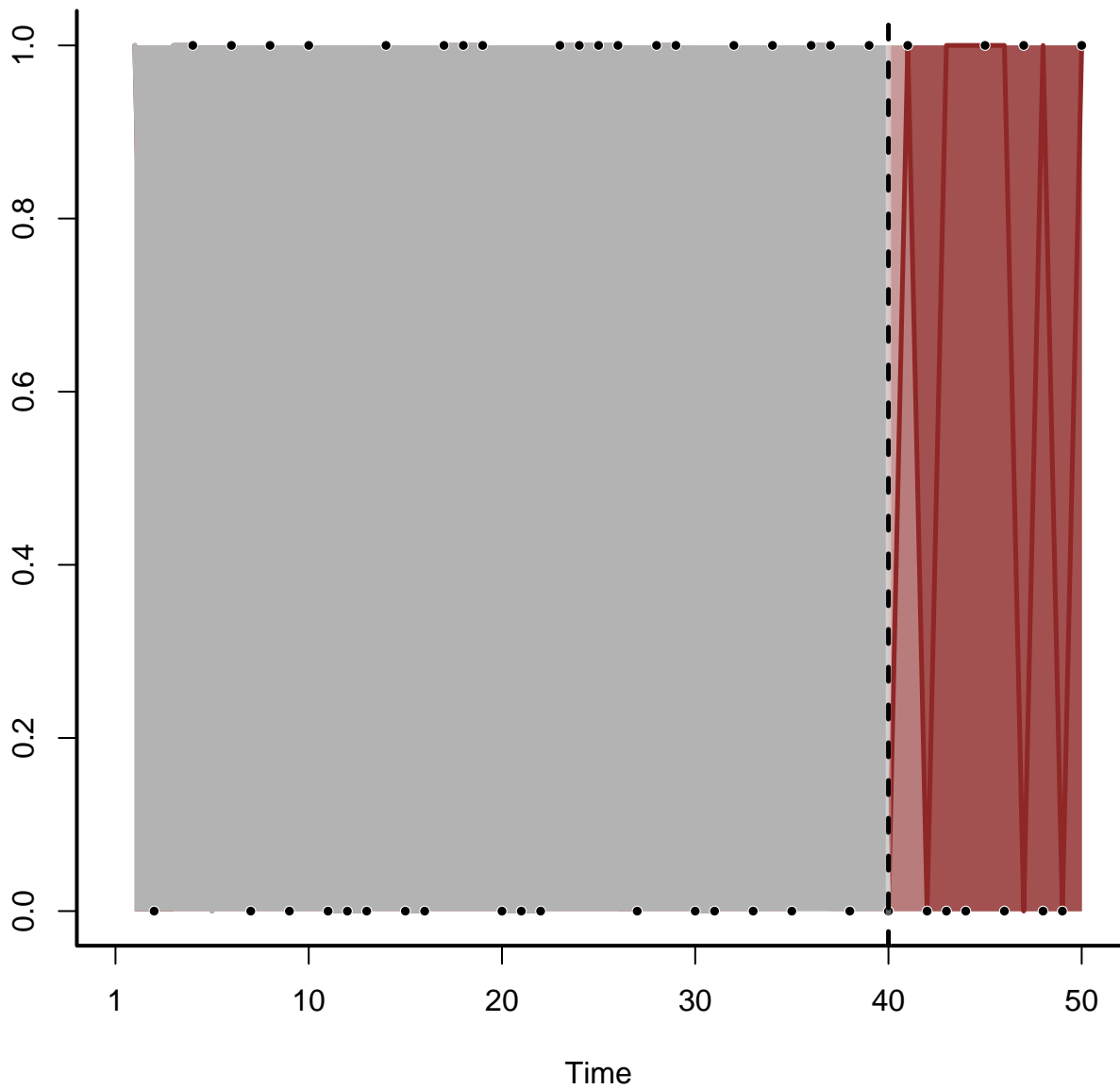
Resids vs Fitted**Normal Q-Q Plot****ACF****pACF**

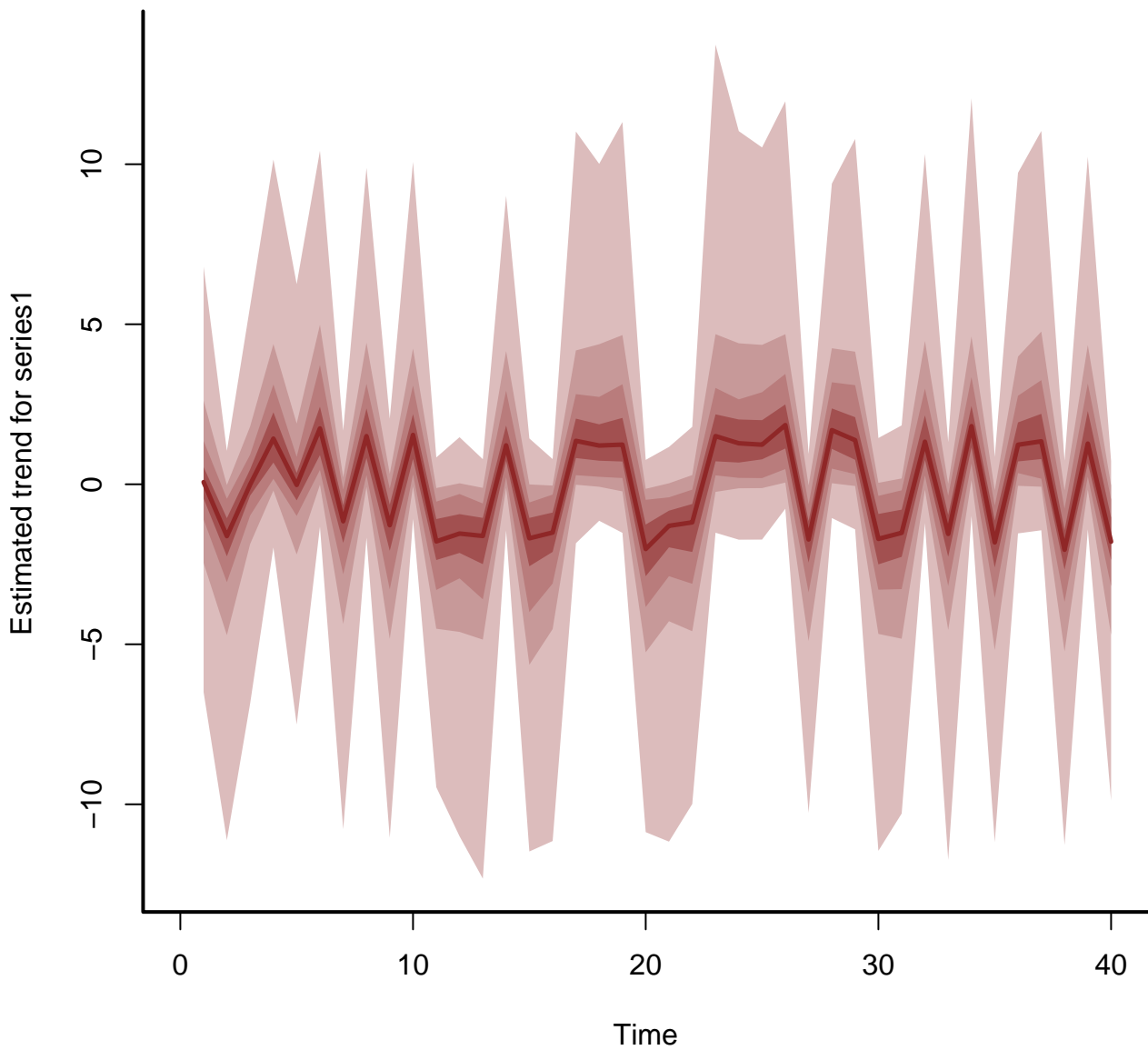


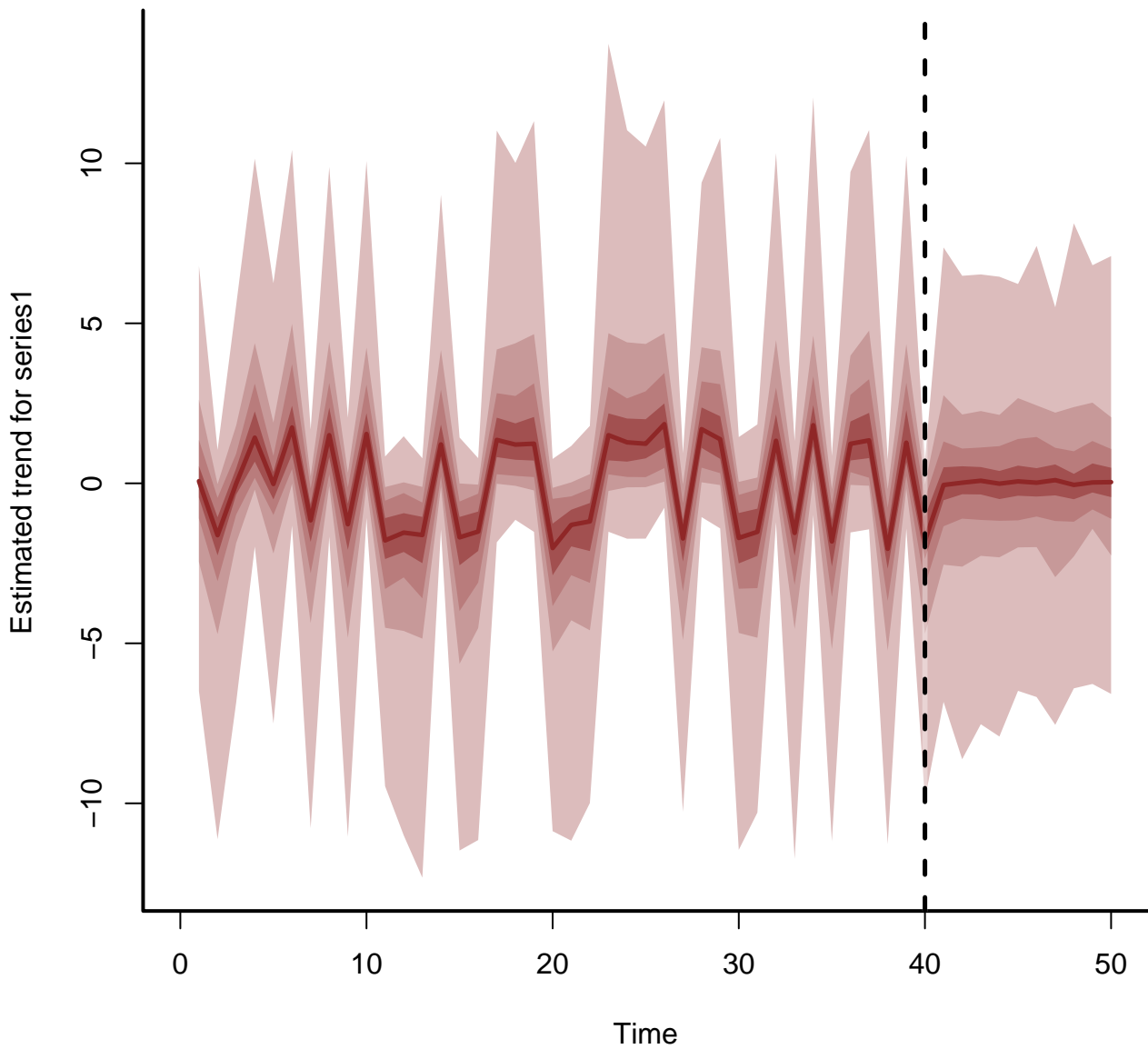




Predictions for series1

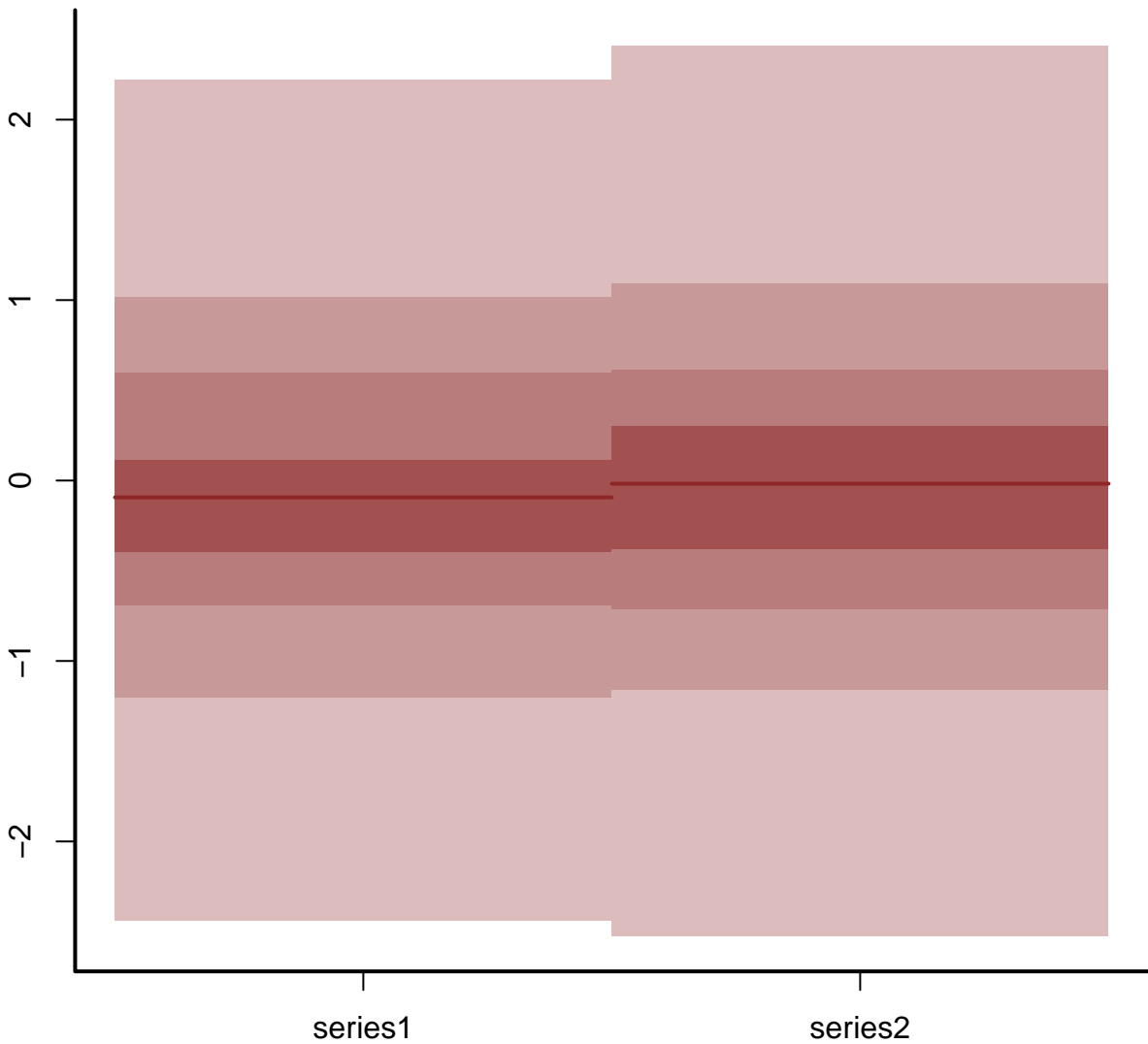




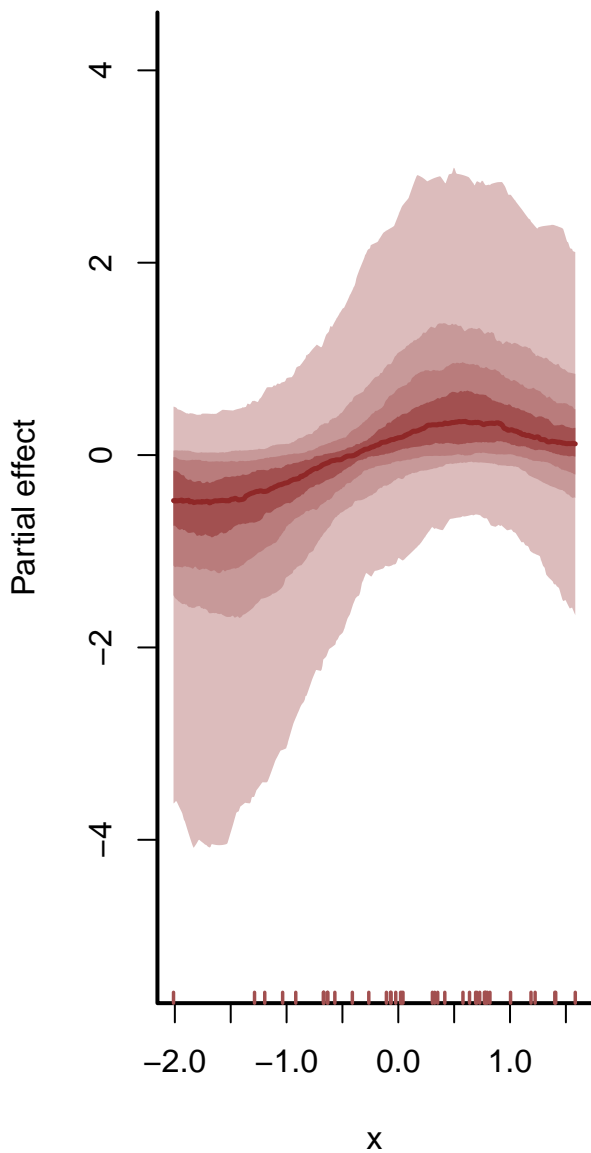


s(series)

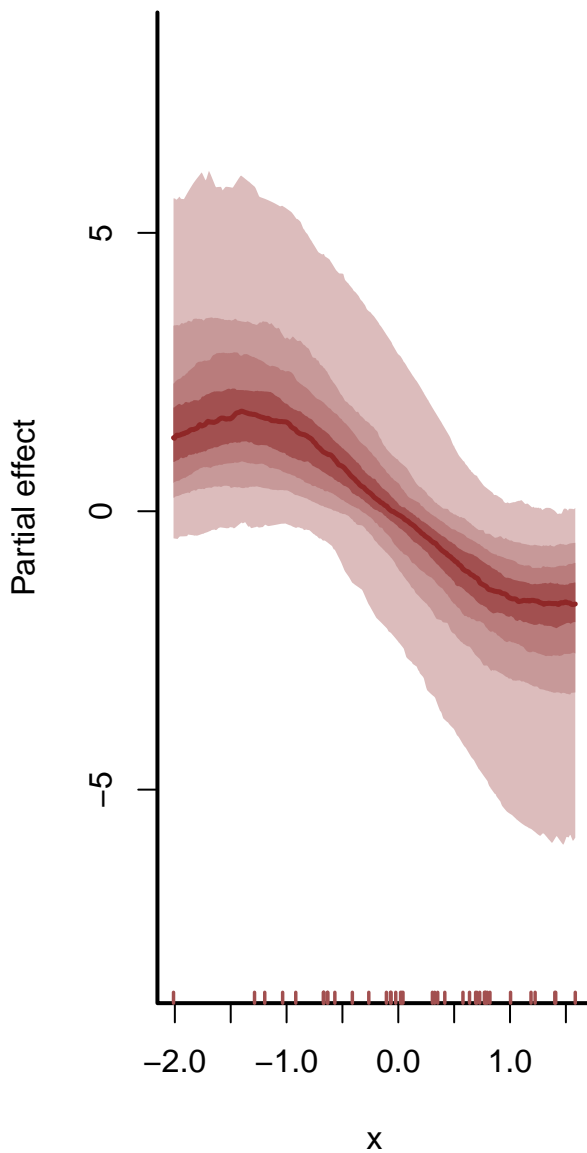
Partial effect



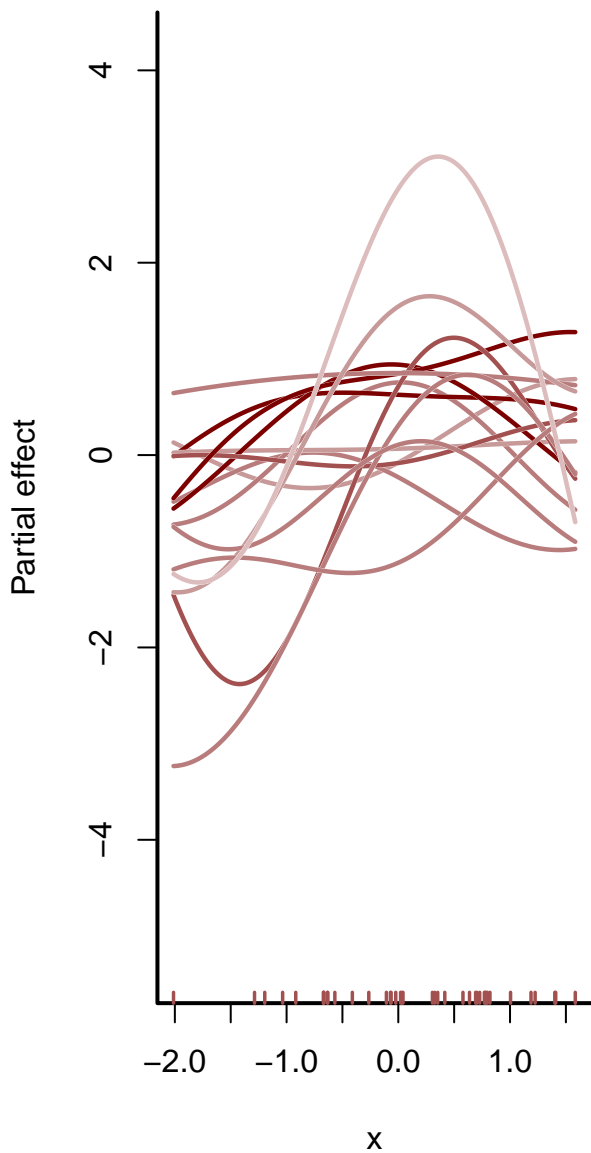
gp(x):series1



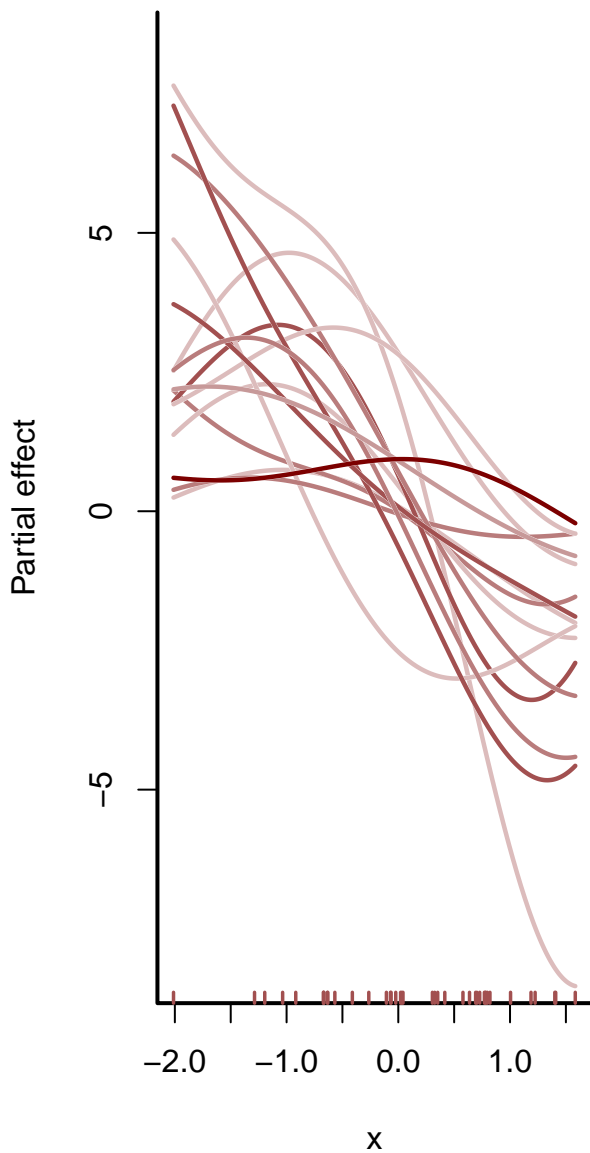
gp(x):series2



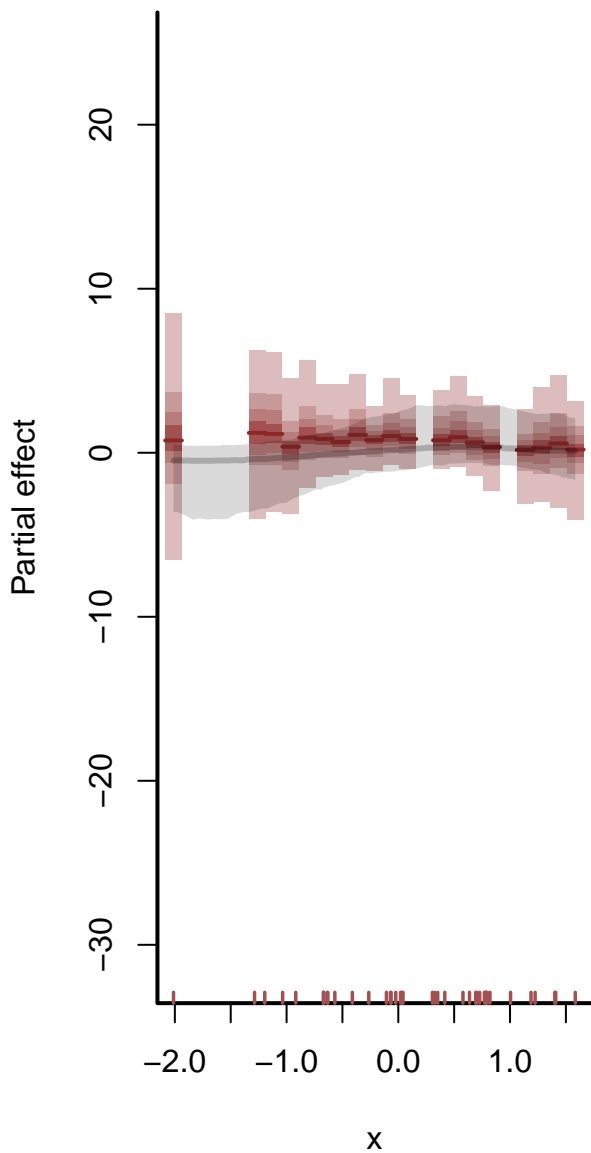
gp(x):series1



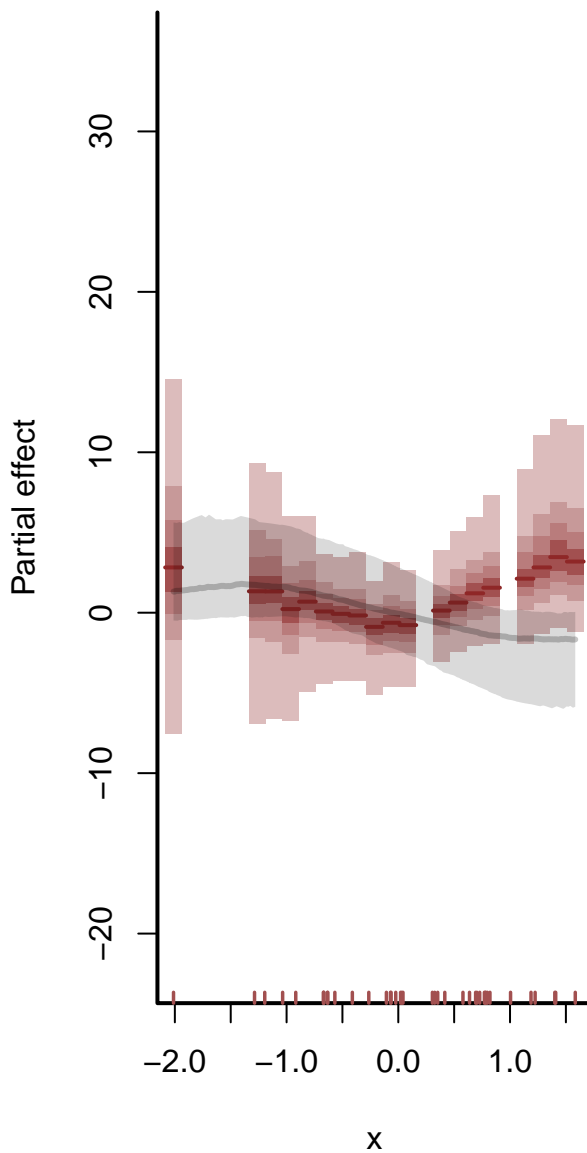
gp(x):series2



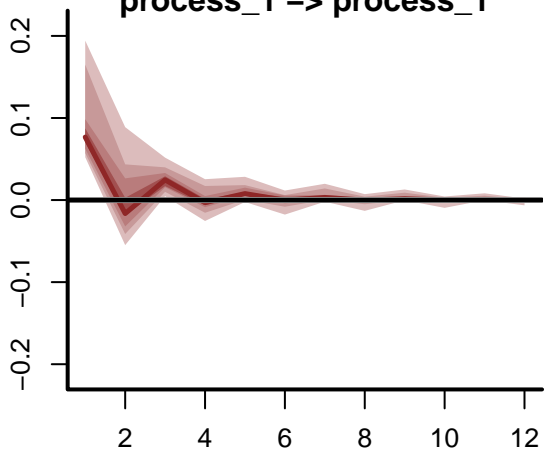
gp(x):series1



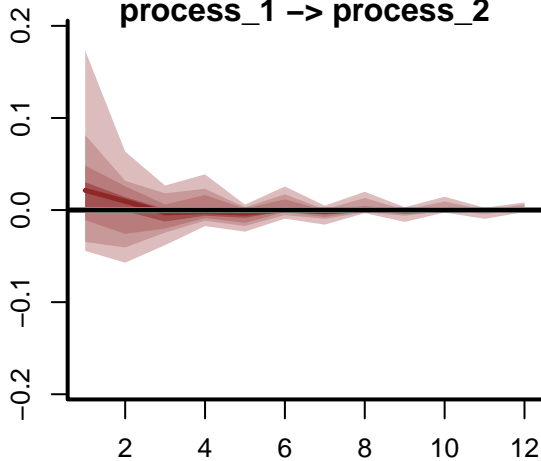
gp(x):series2



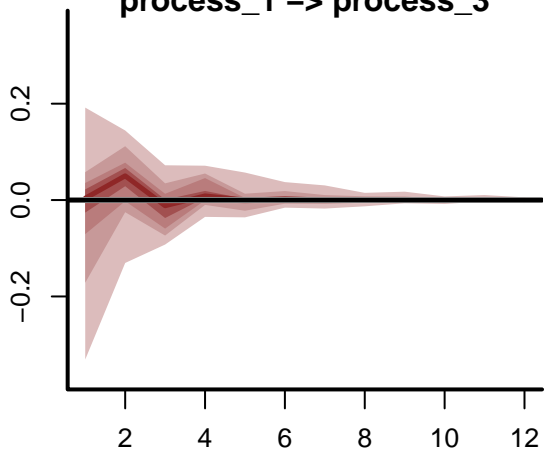
process_1 -> process_1

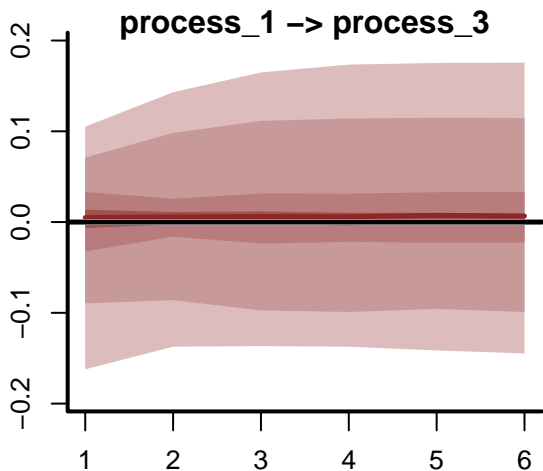
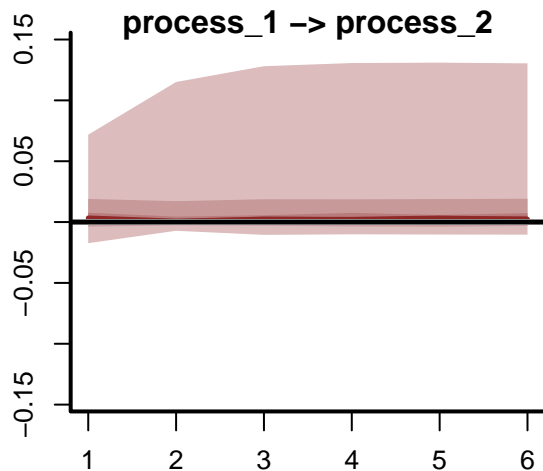
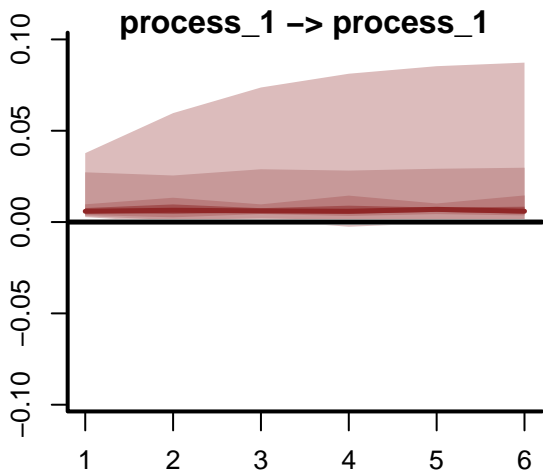


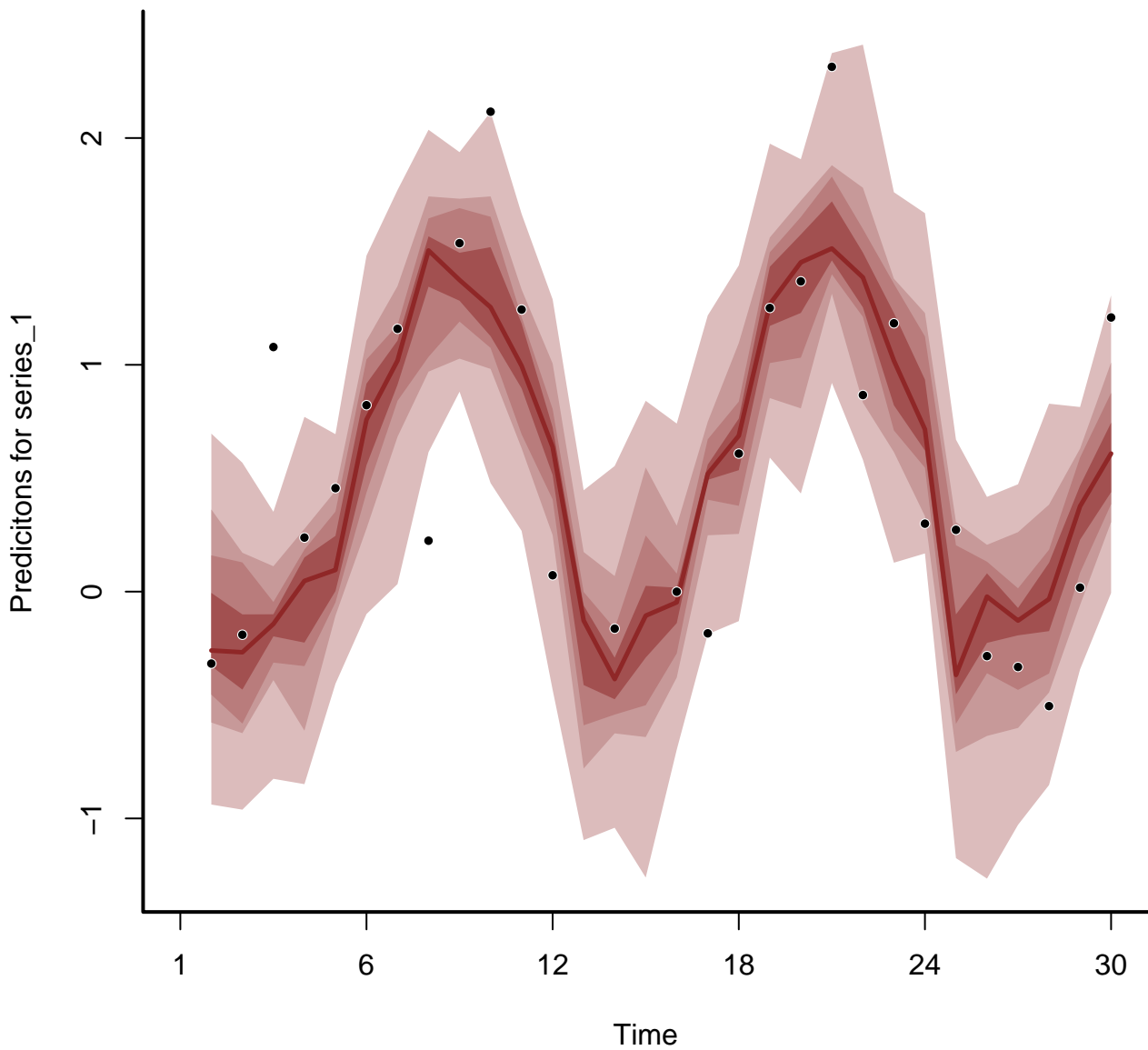
process_1 -> process_2

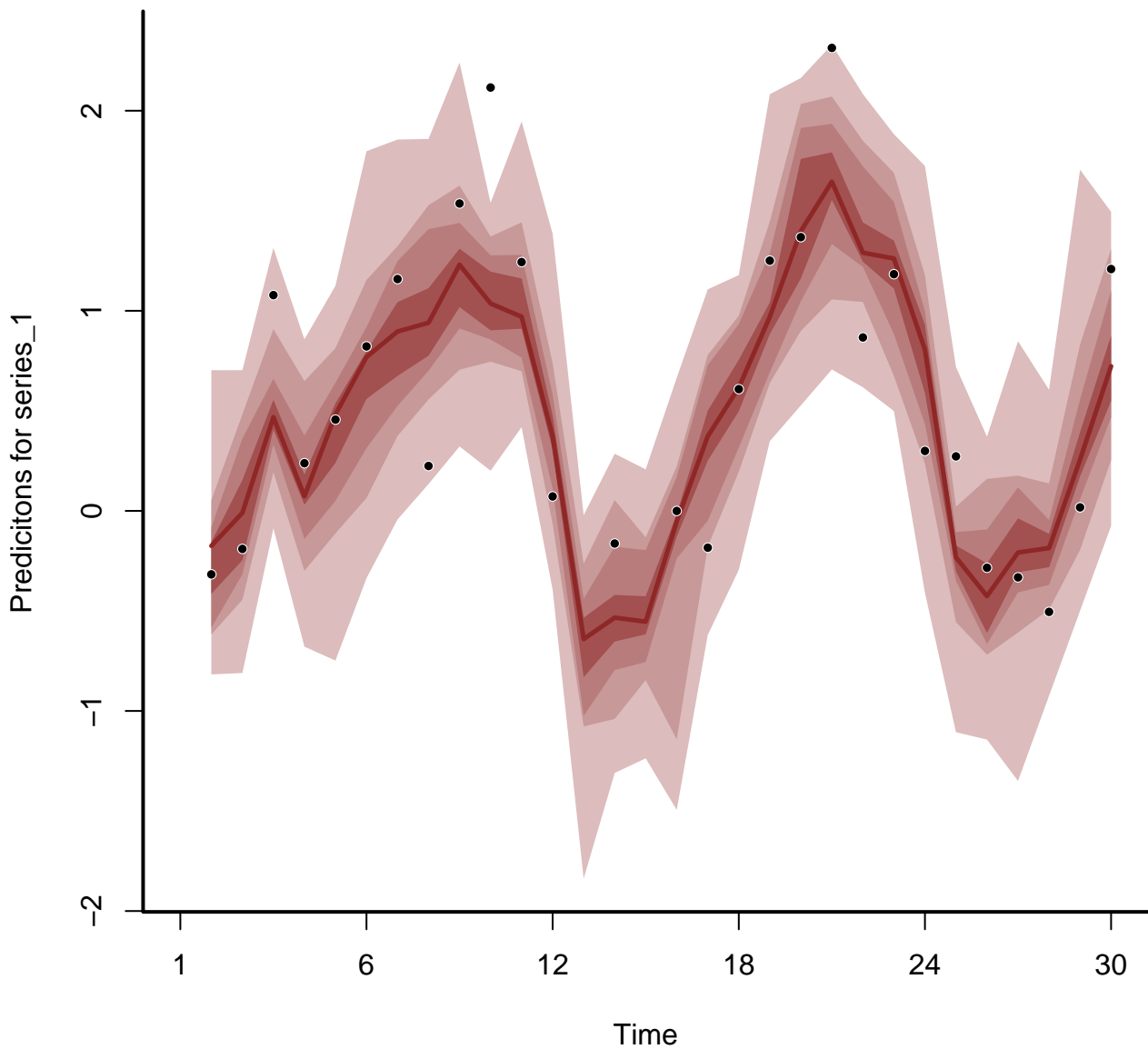


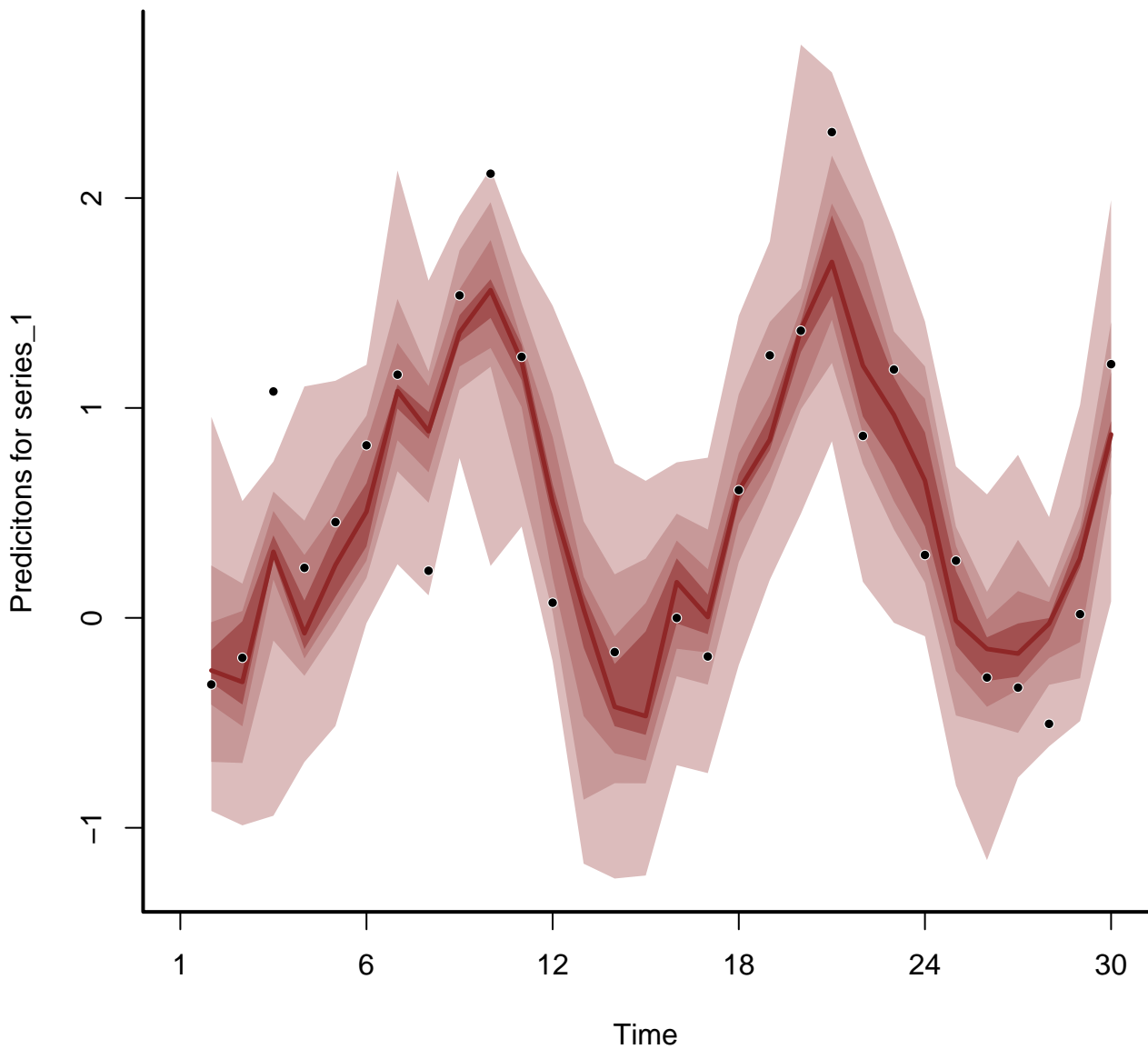
process_1 -> process_3



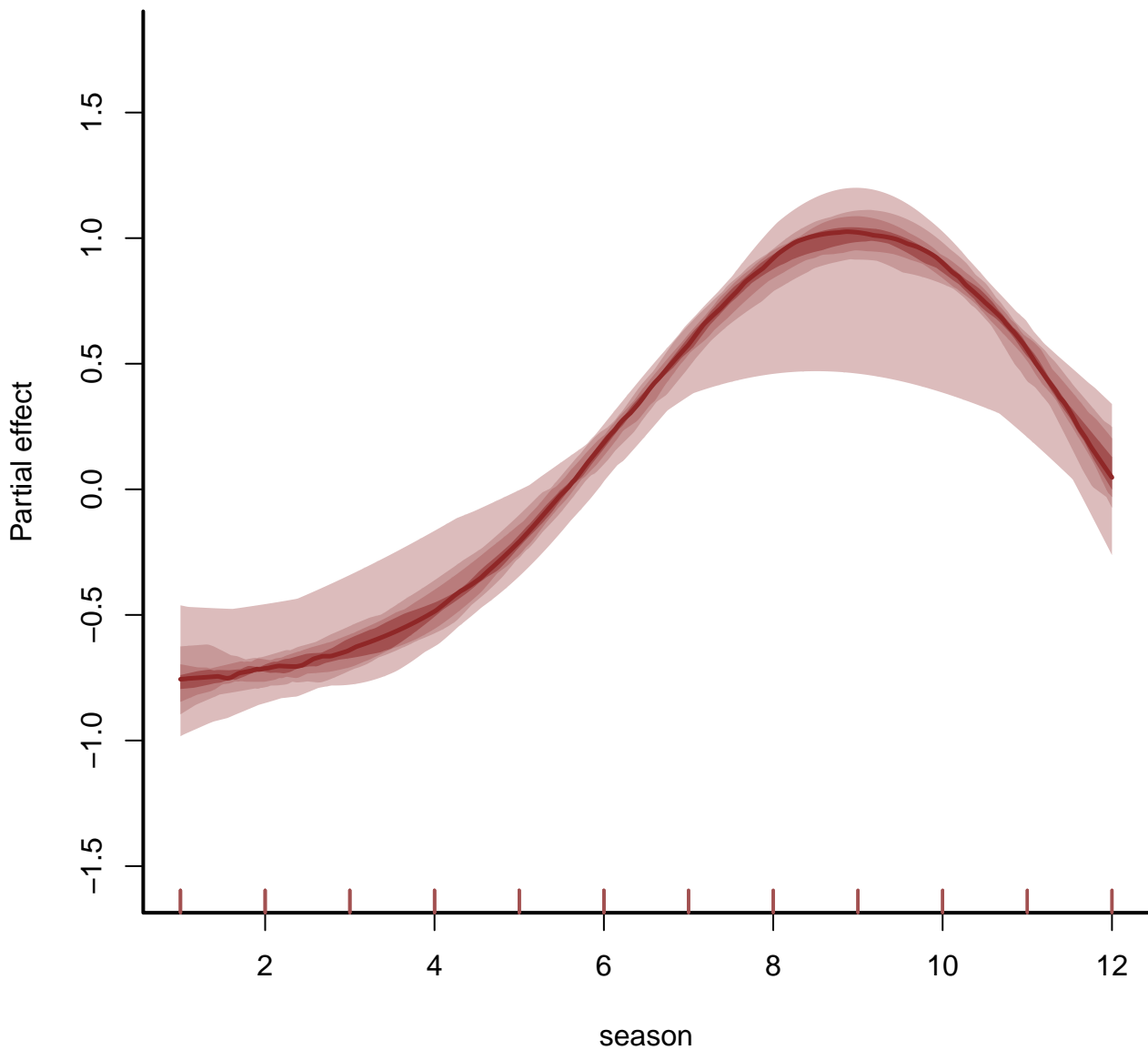




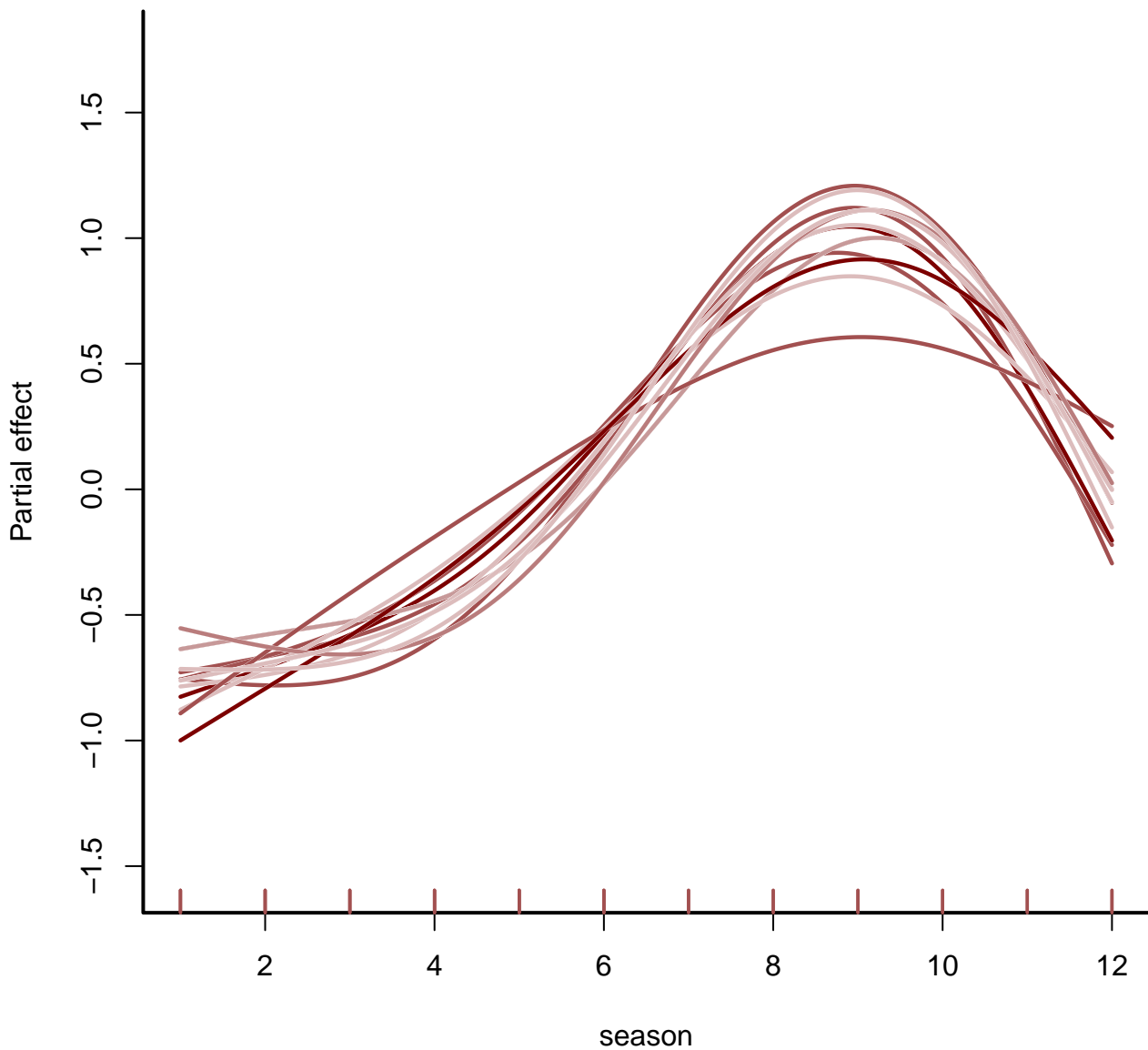




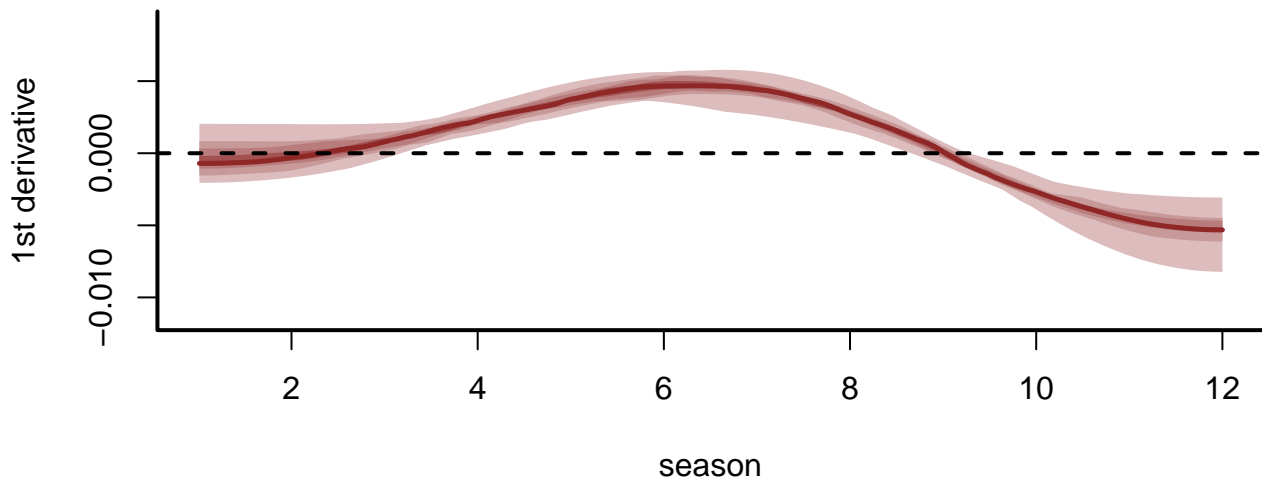
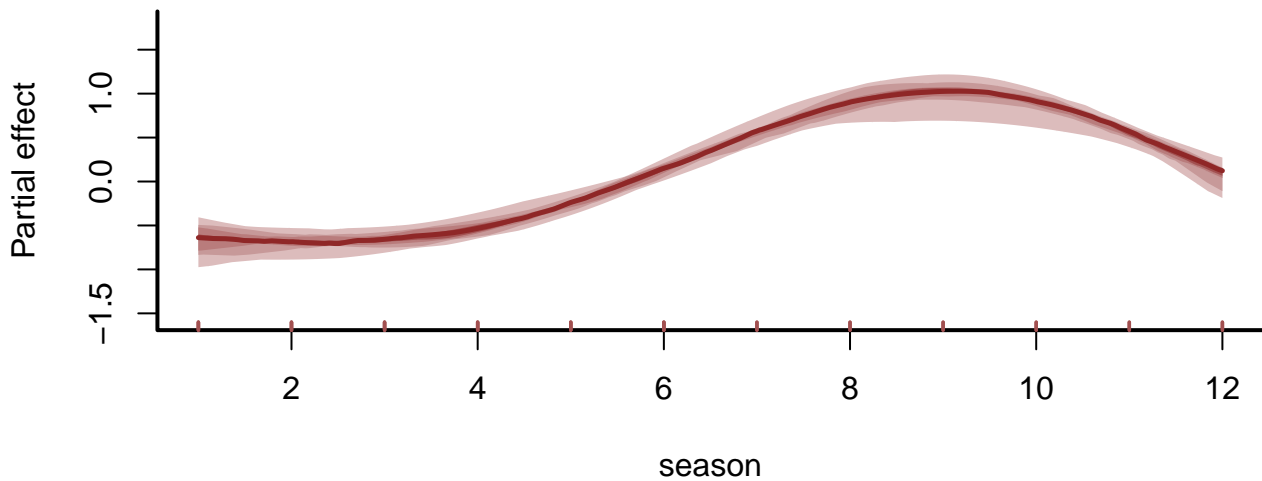
s(season)



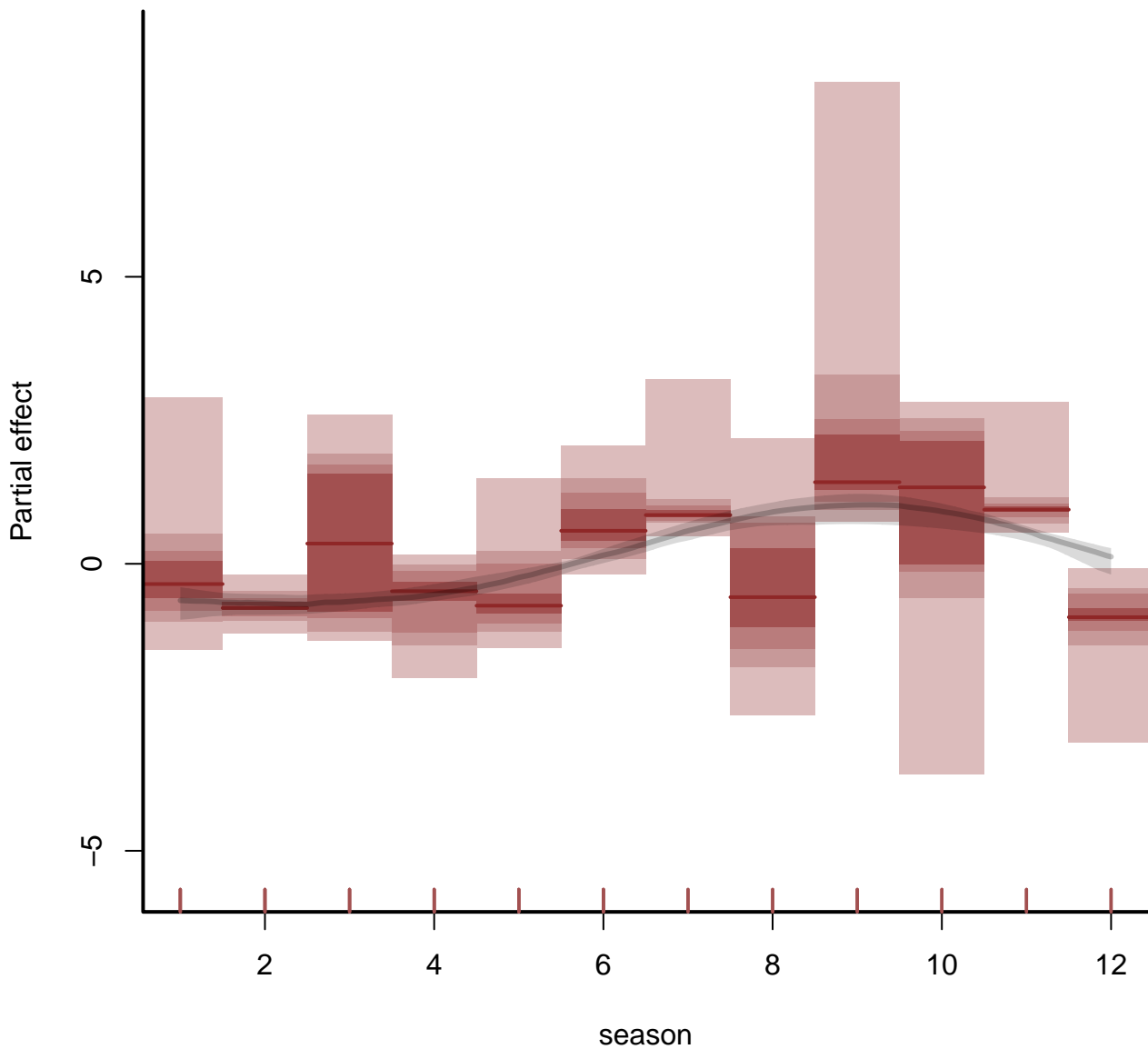
s(season)



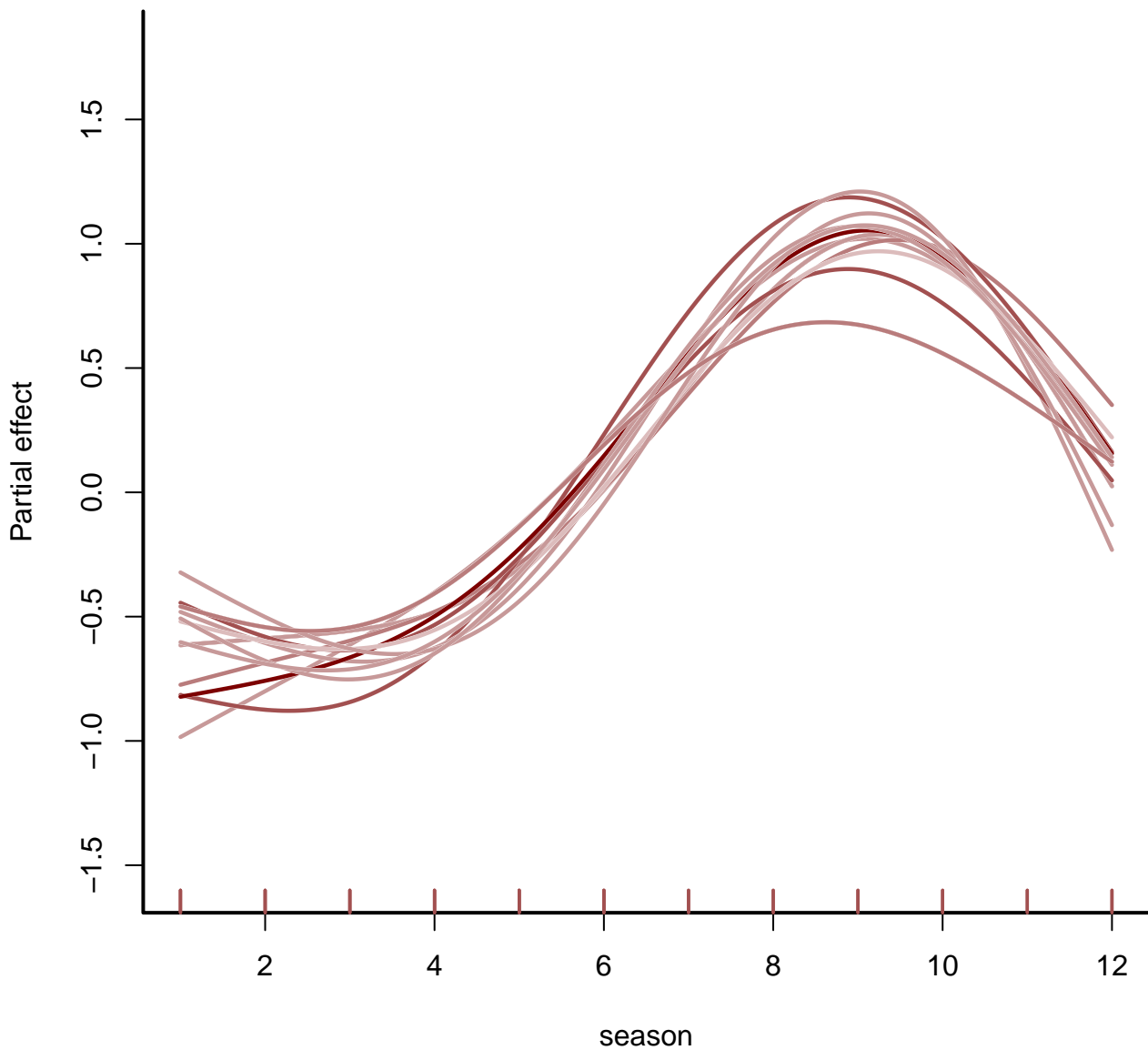
s(season)



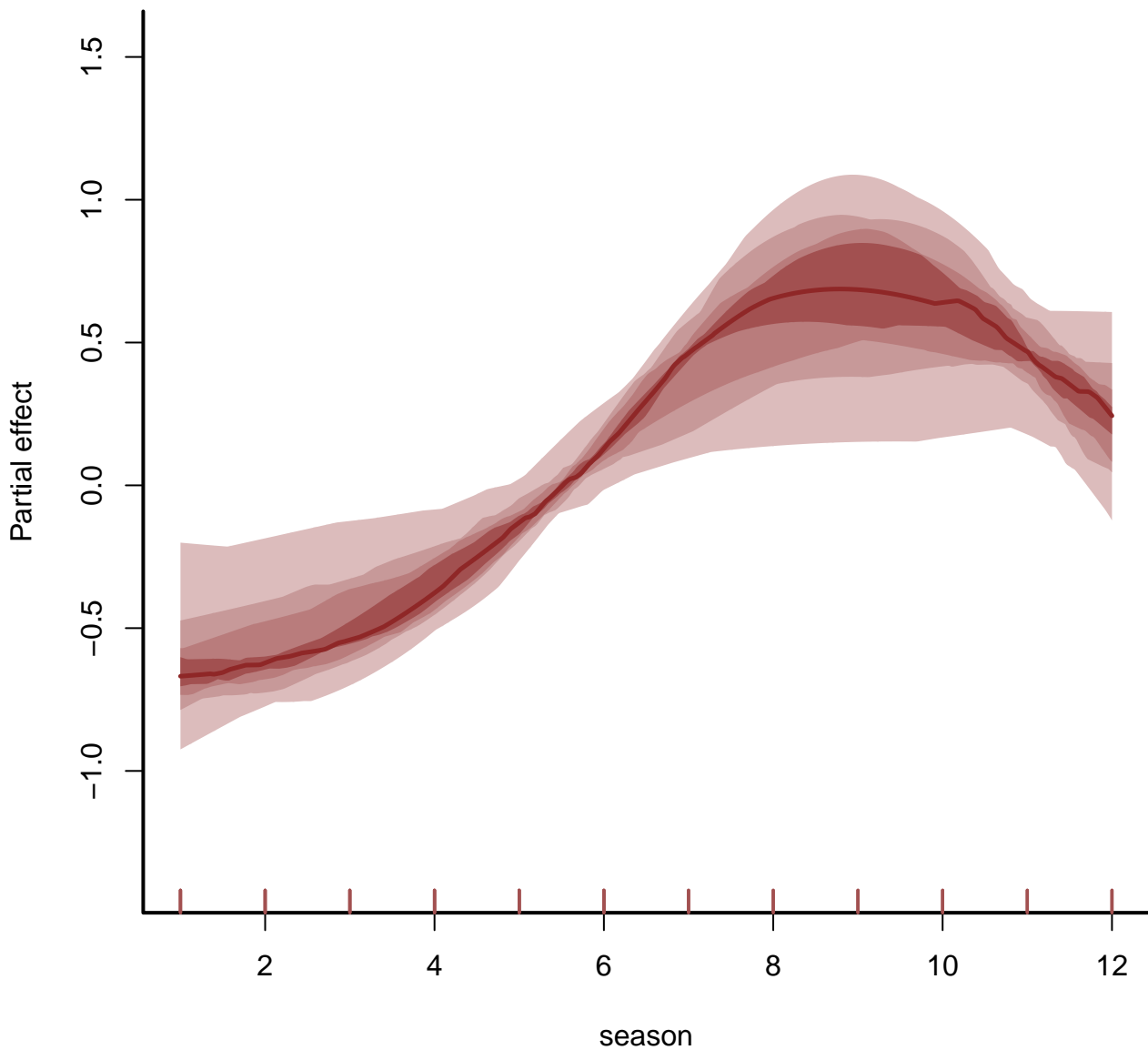
s(season)



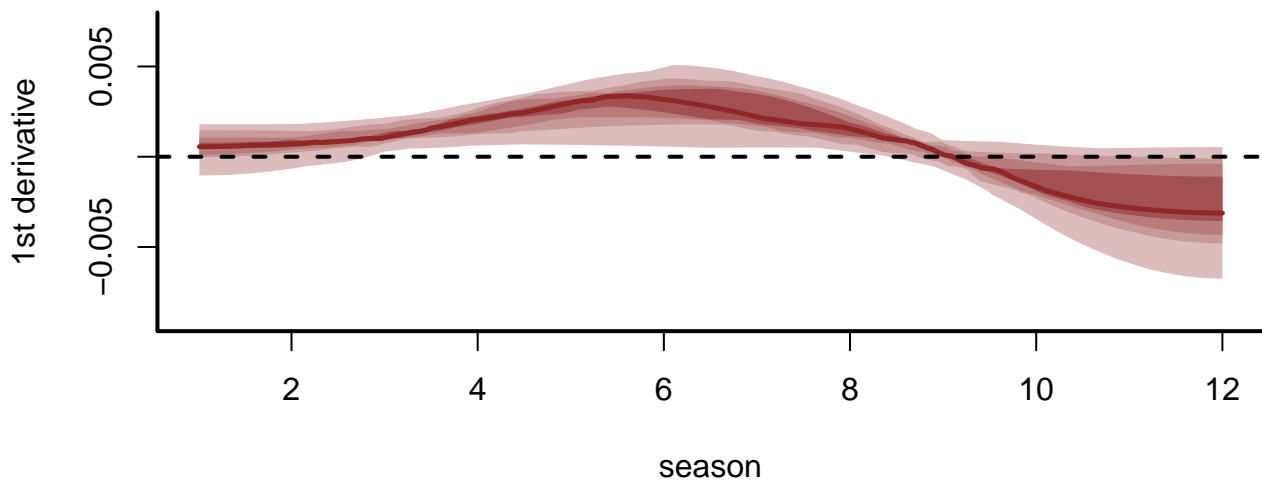
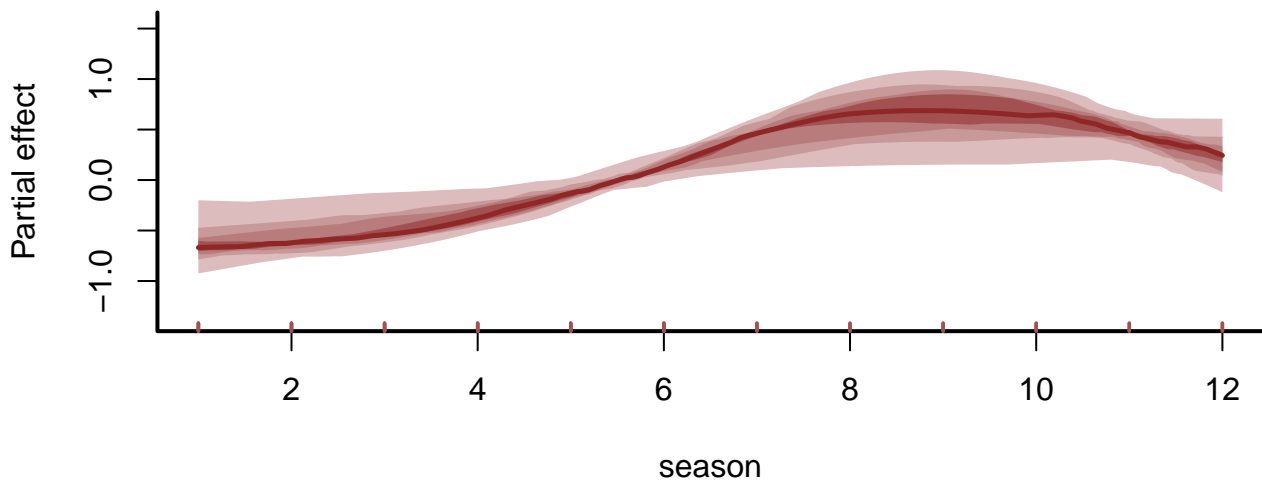
s(season)



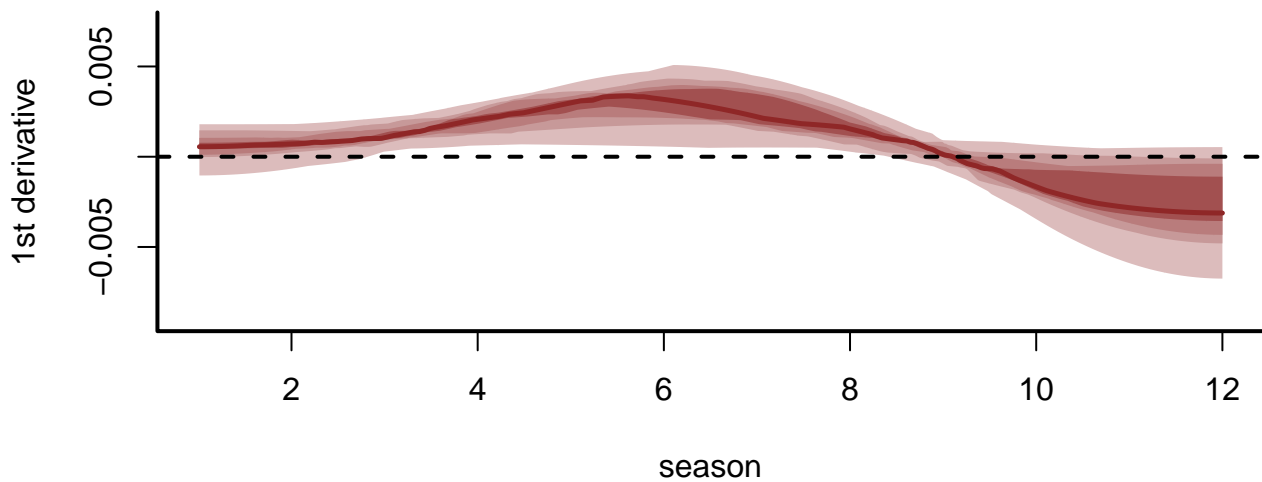
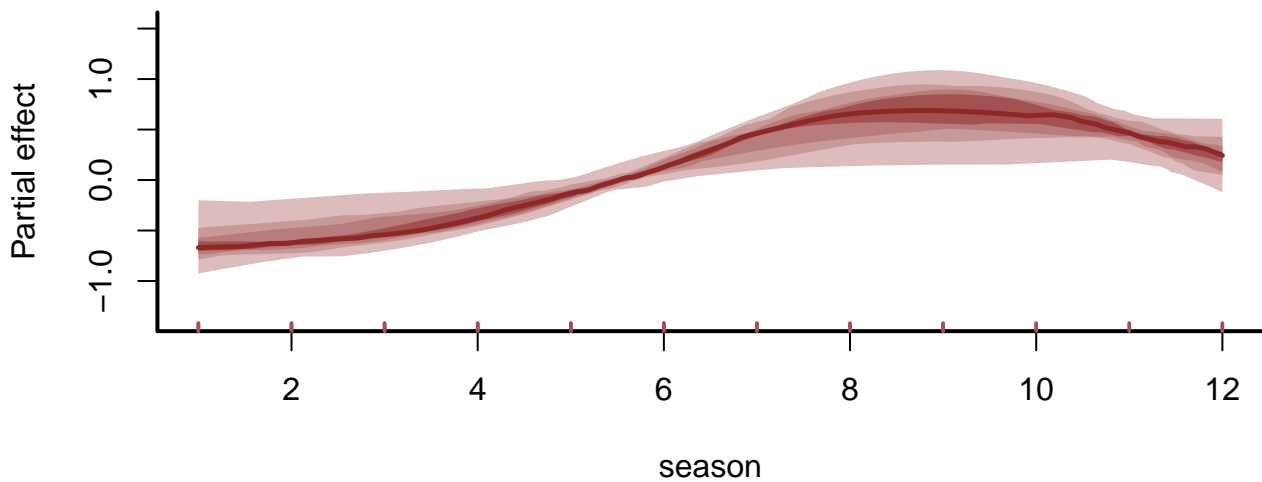
s(season)



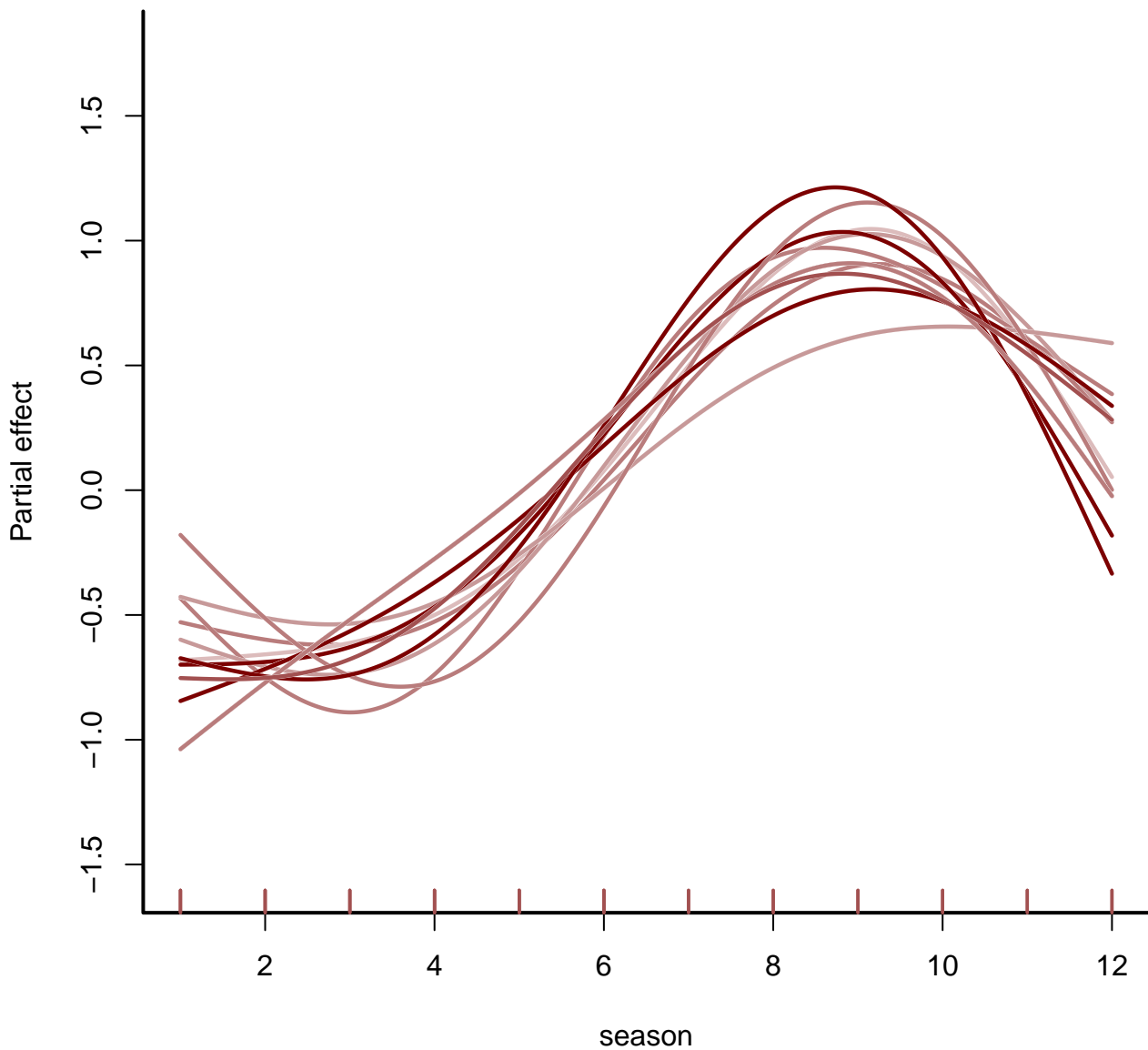
s(season)



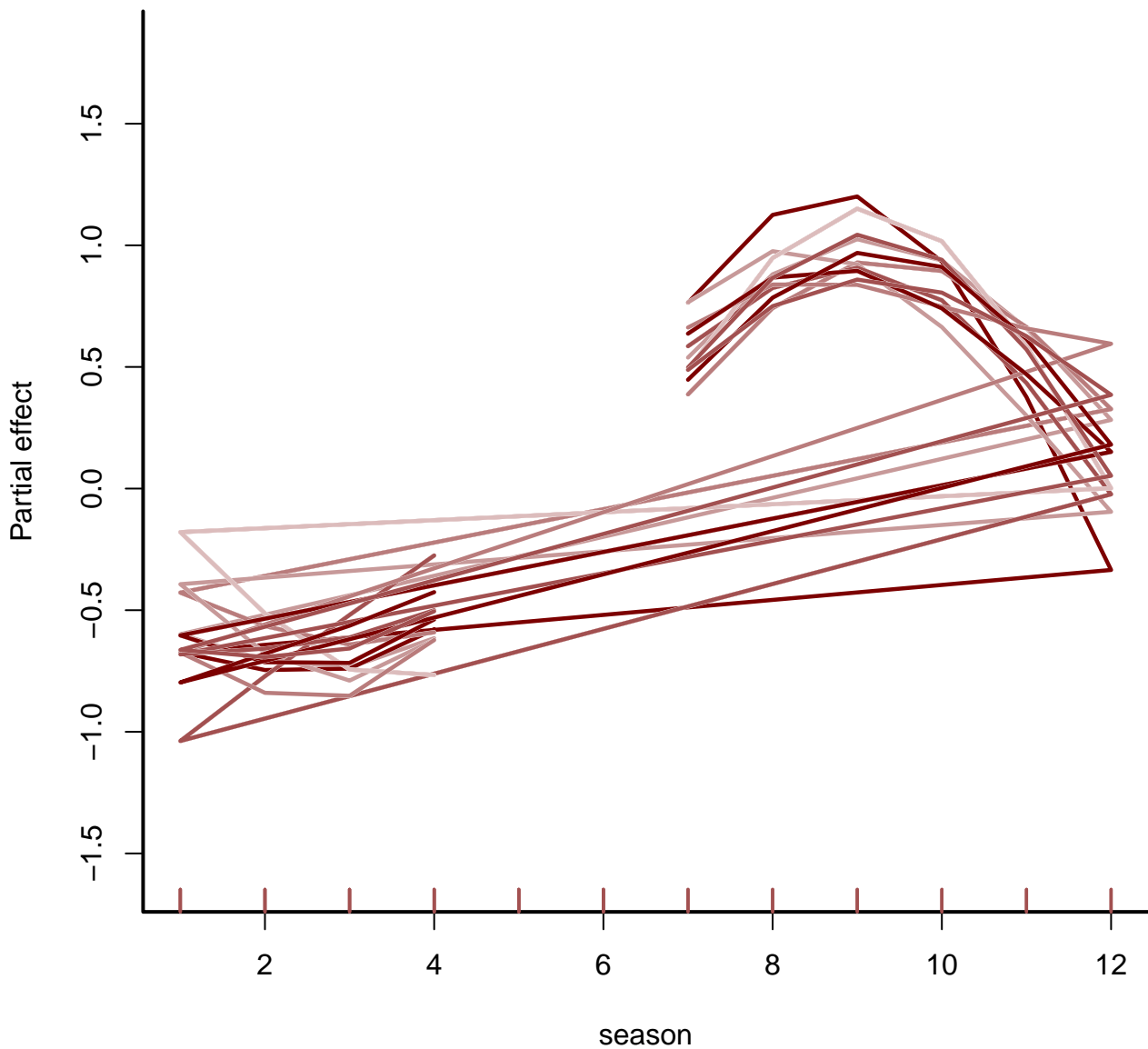
s(season)

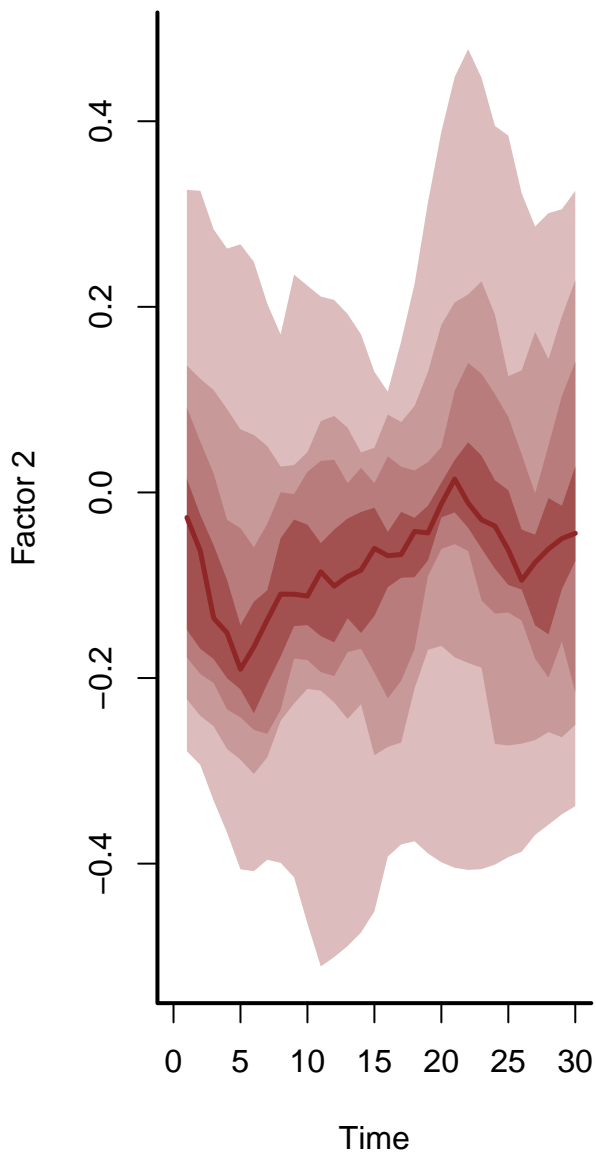
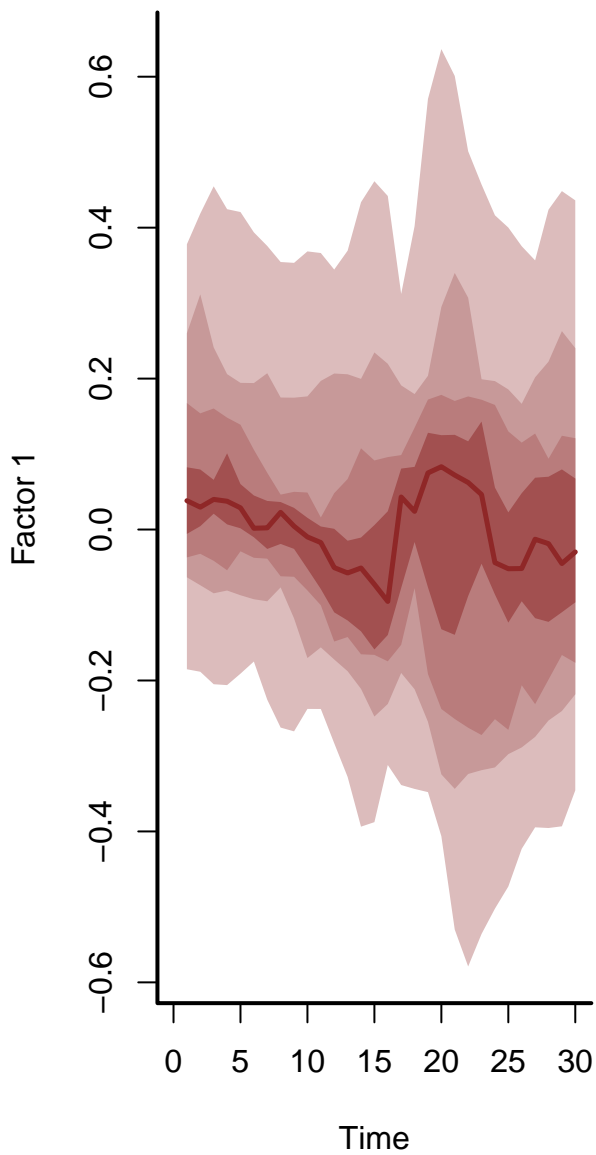


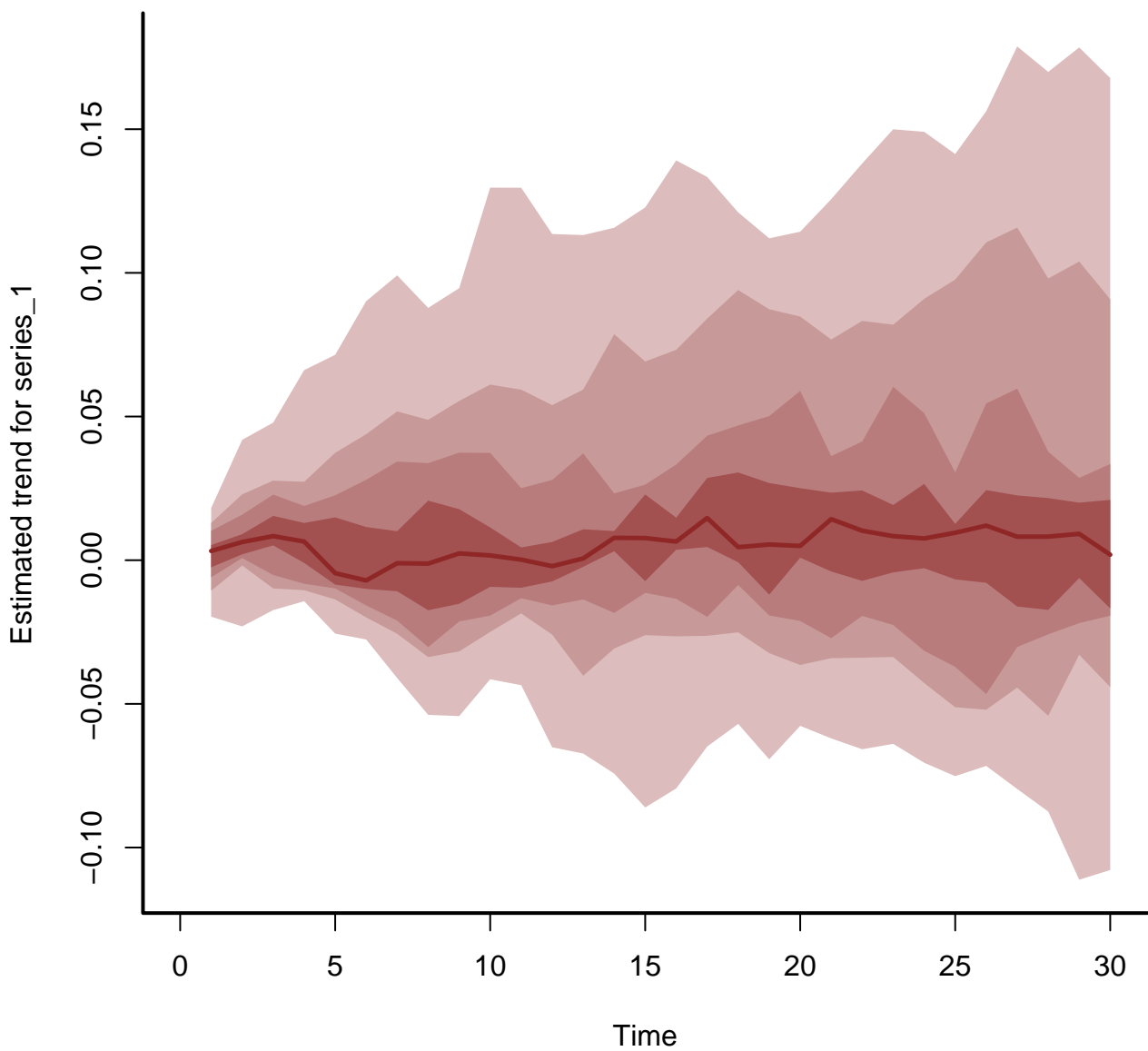
s(season)

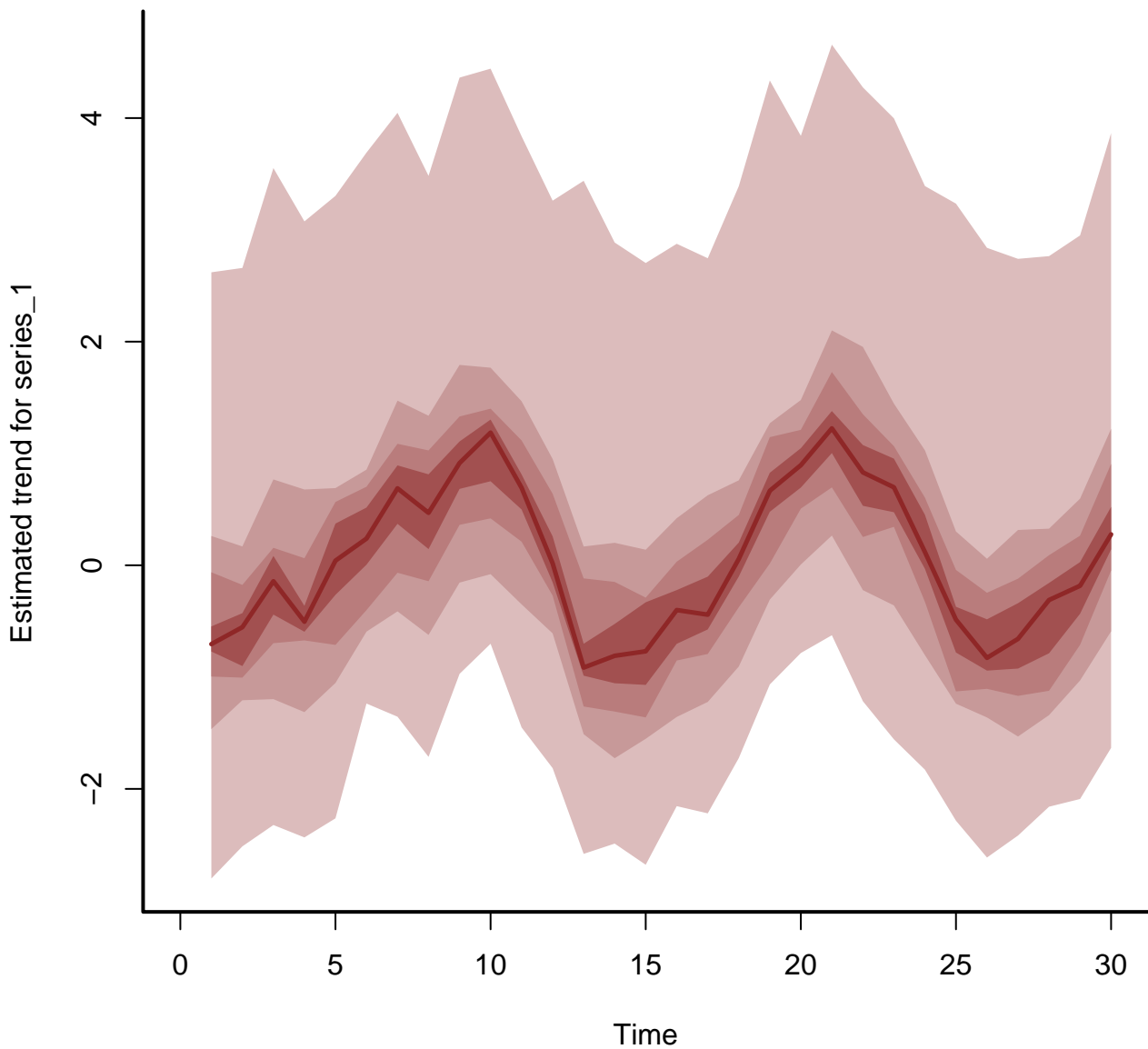


s(season)

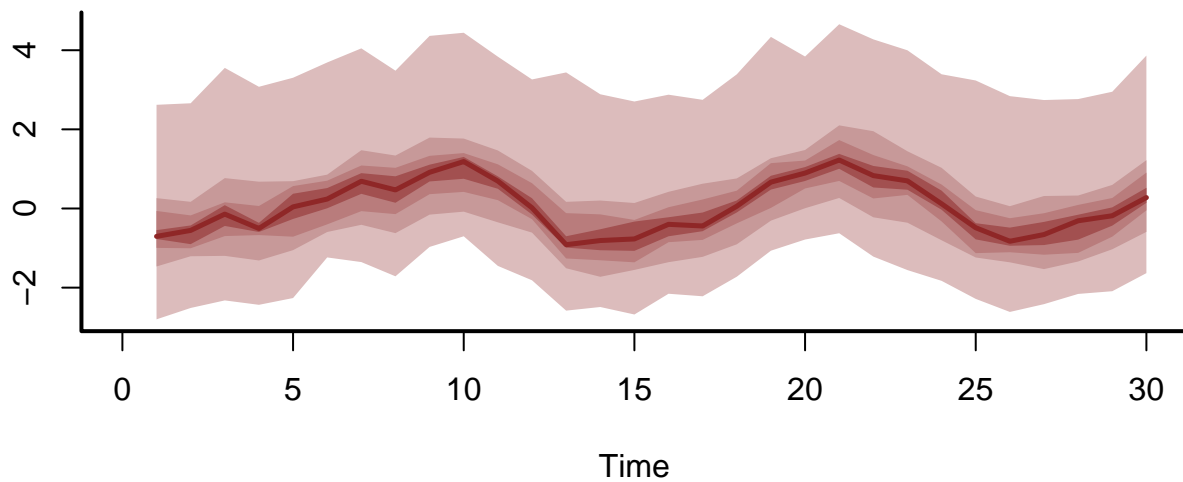




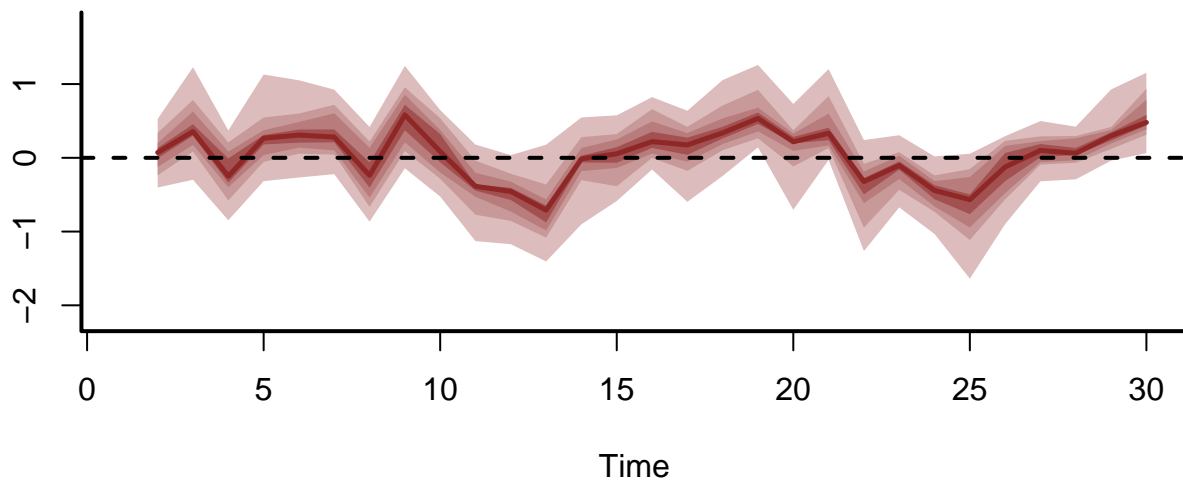


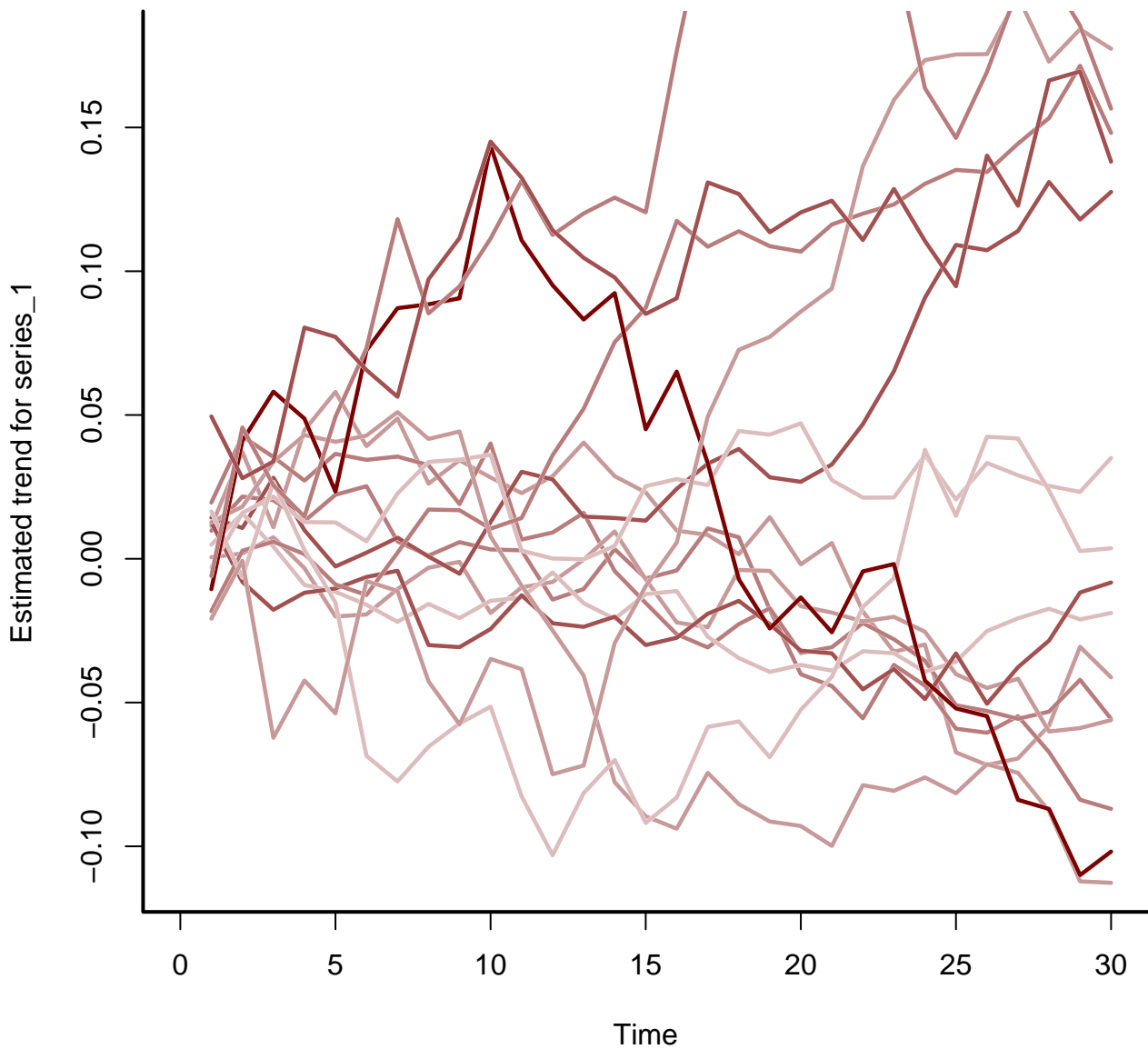


Estimated trend for series_1

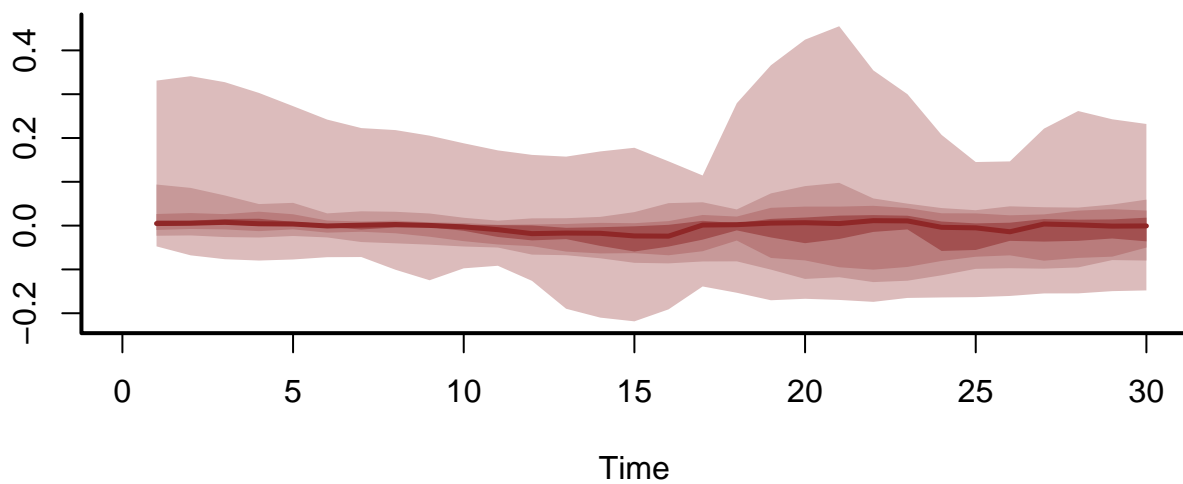


1st derivative

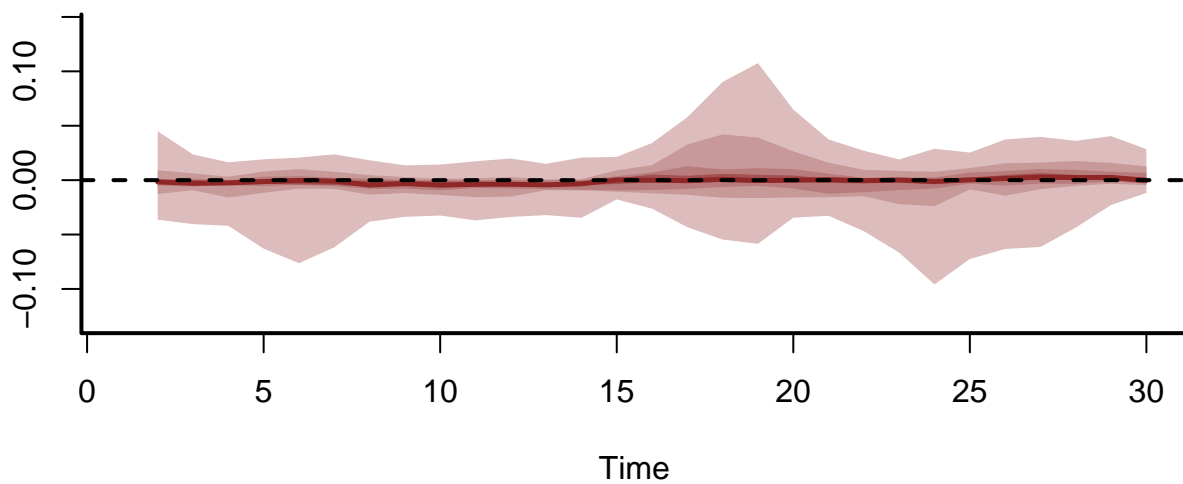


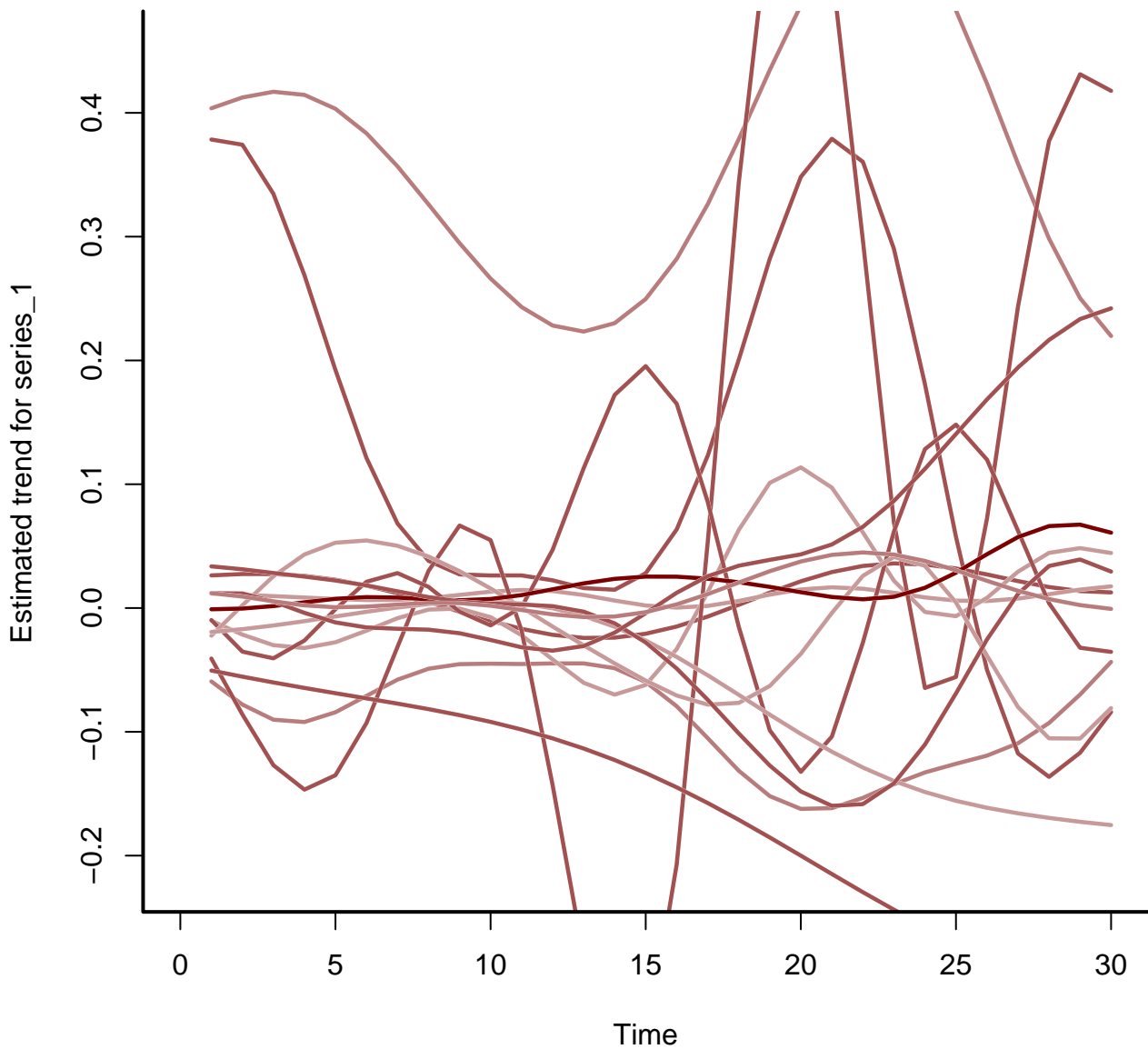


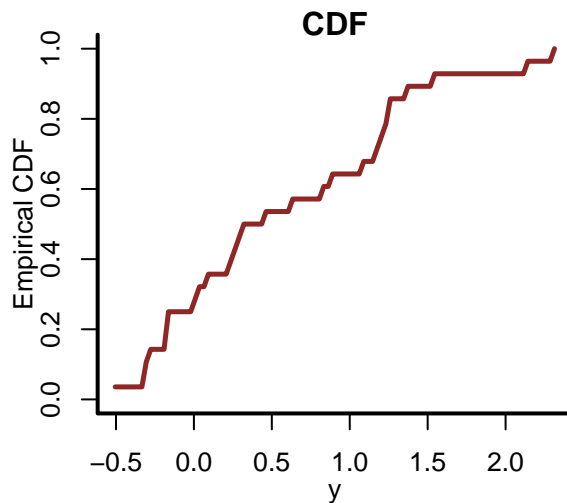
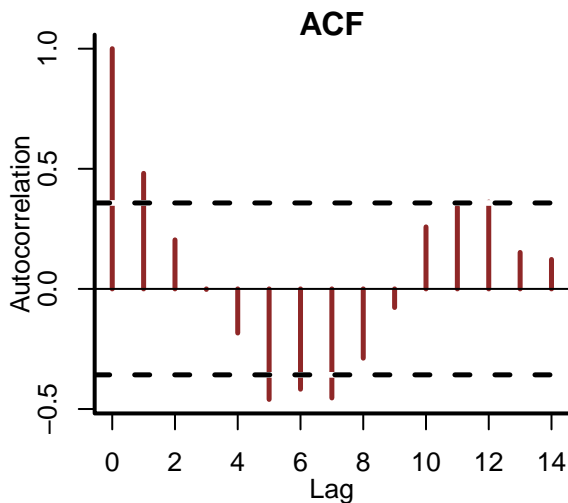
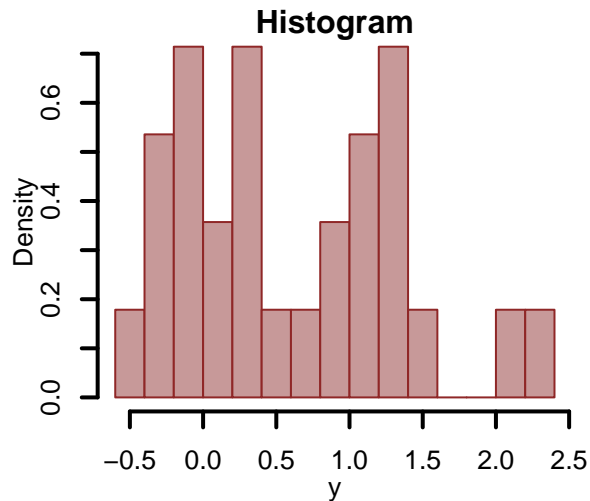
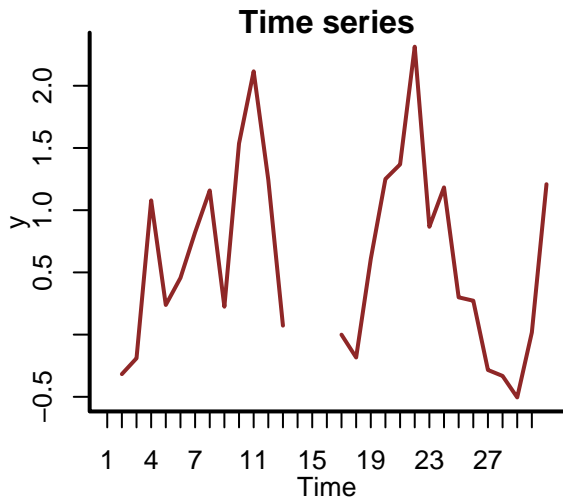
Estimated trend for series_1

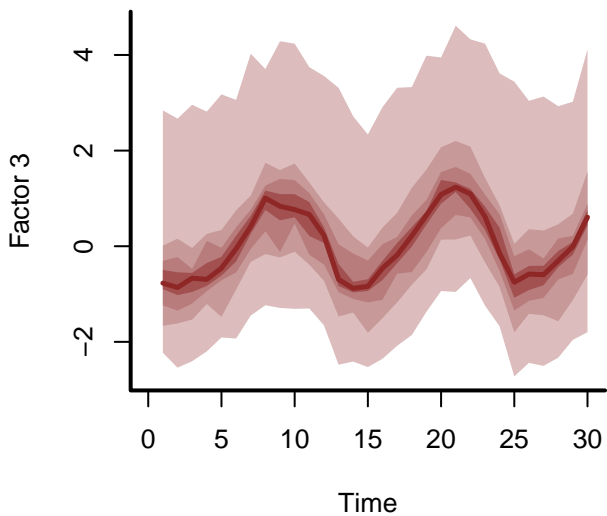
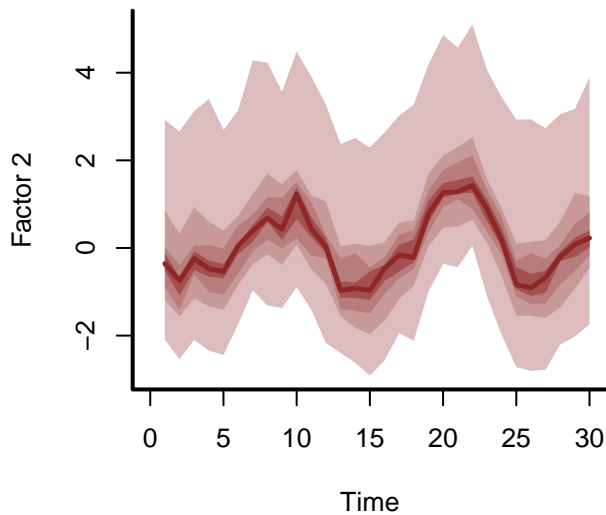
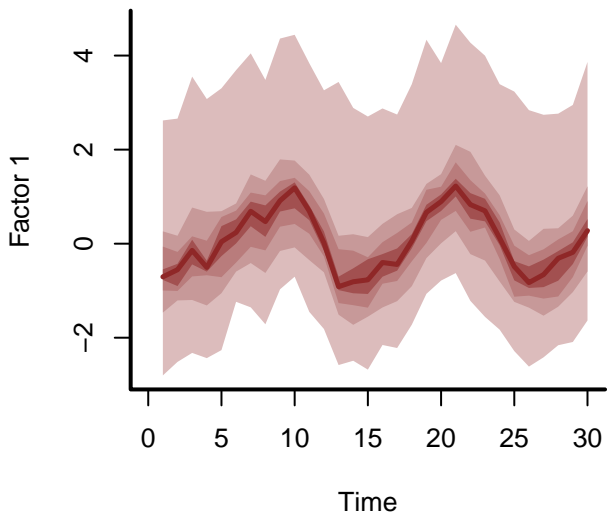


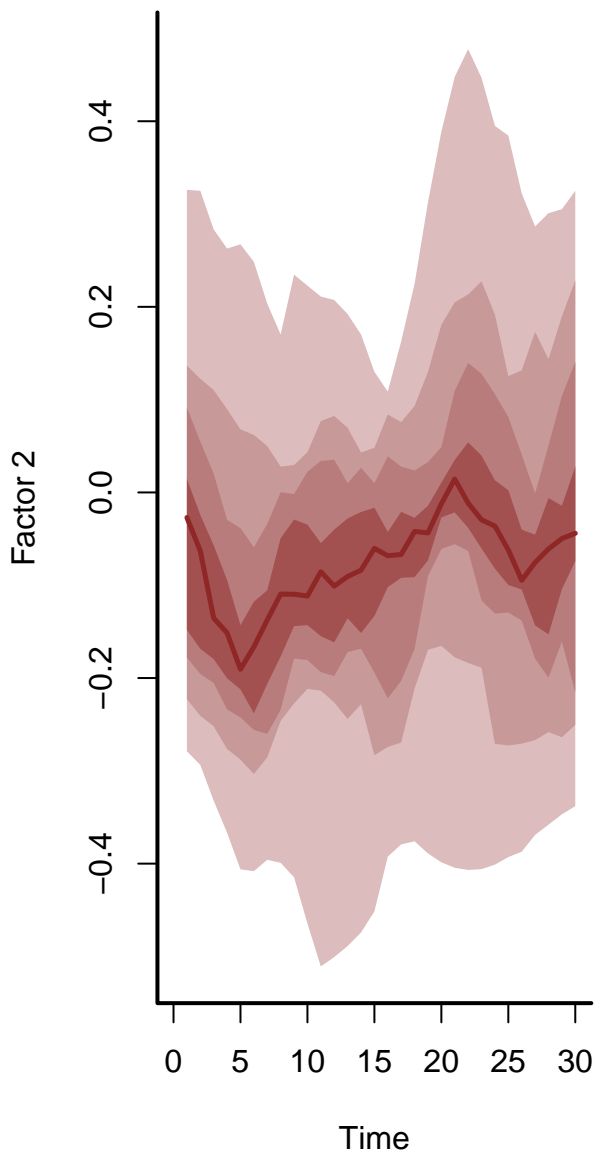
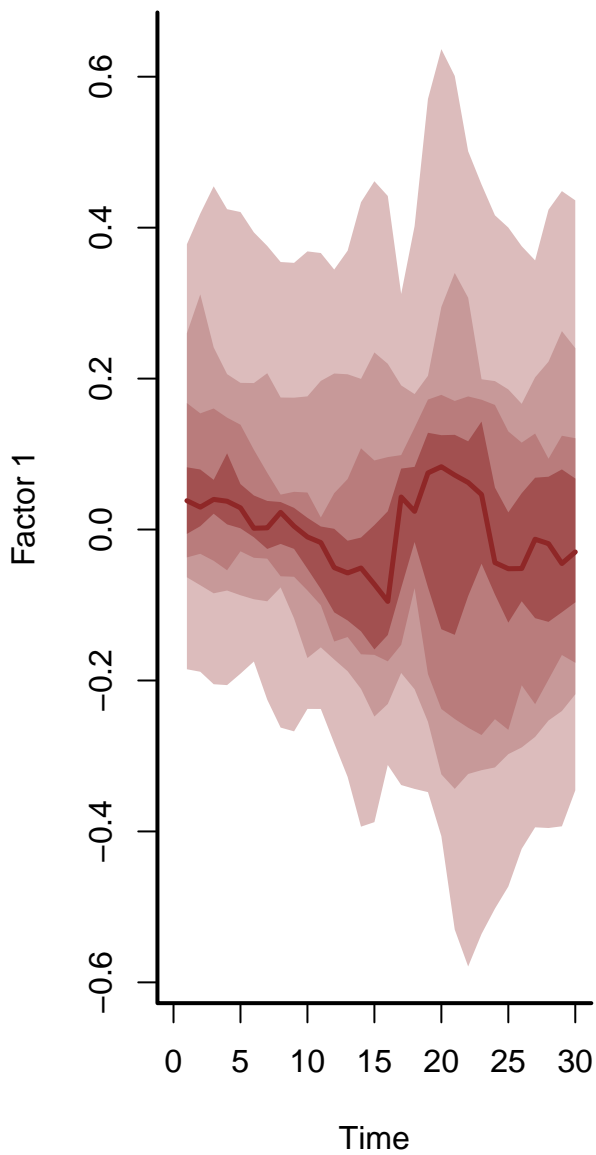
1st derivative











Sum RPS (lower is better)

6

4

2

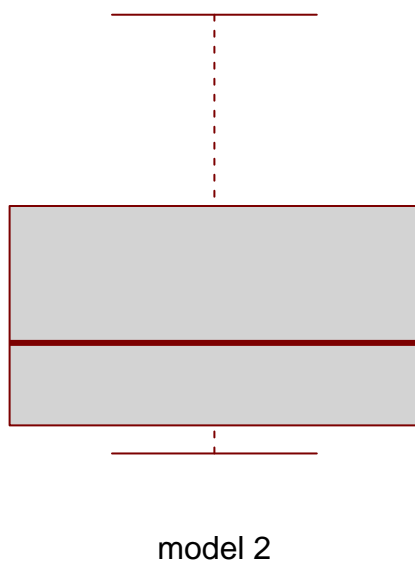
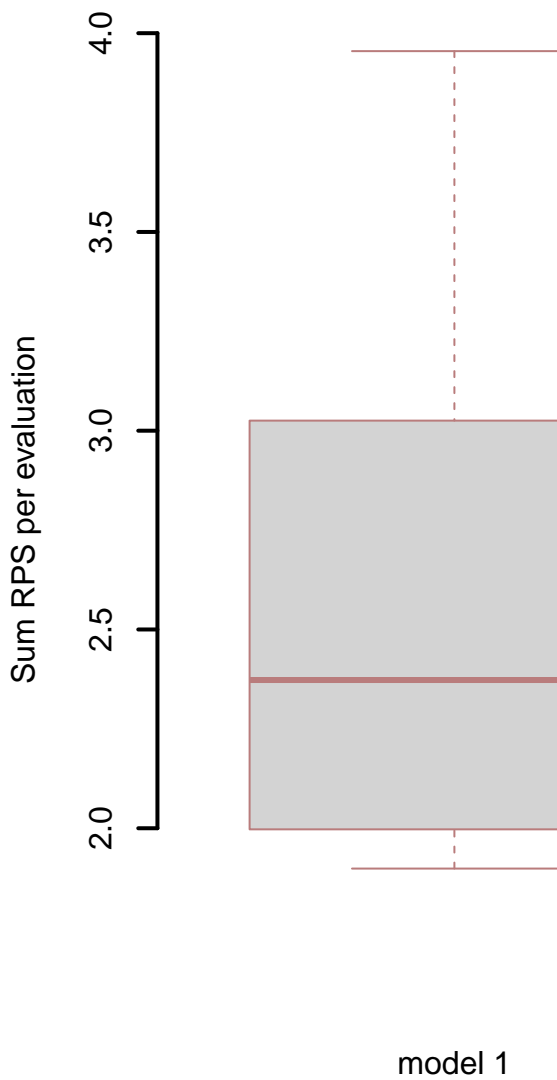
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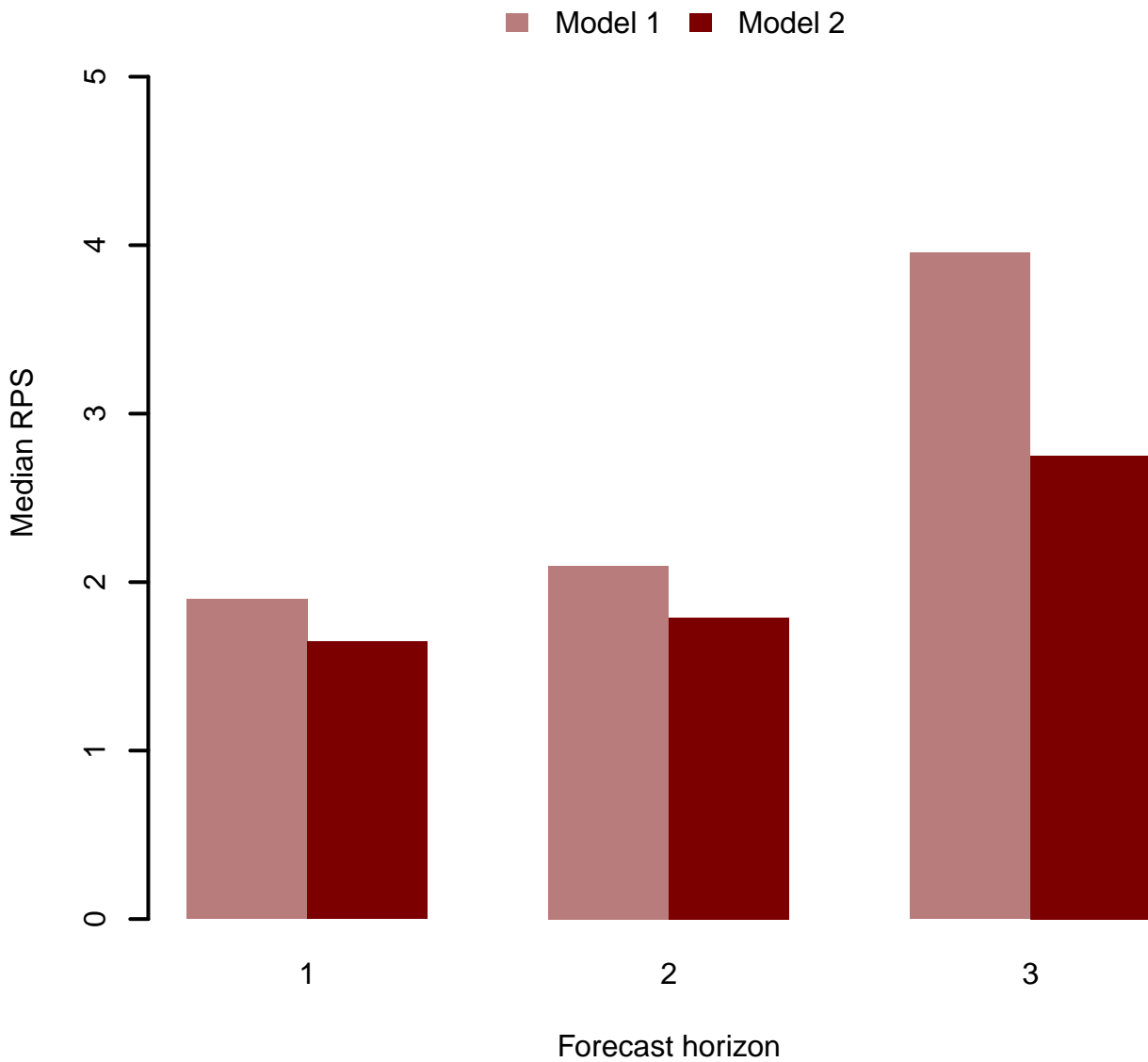


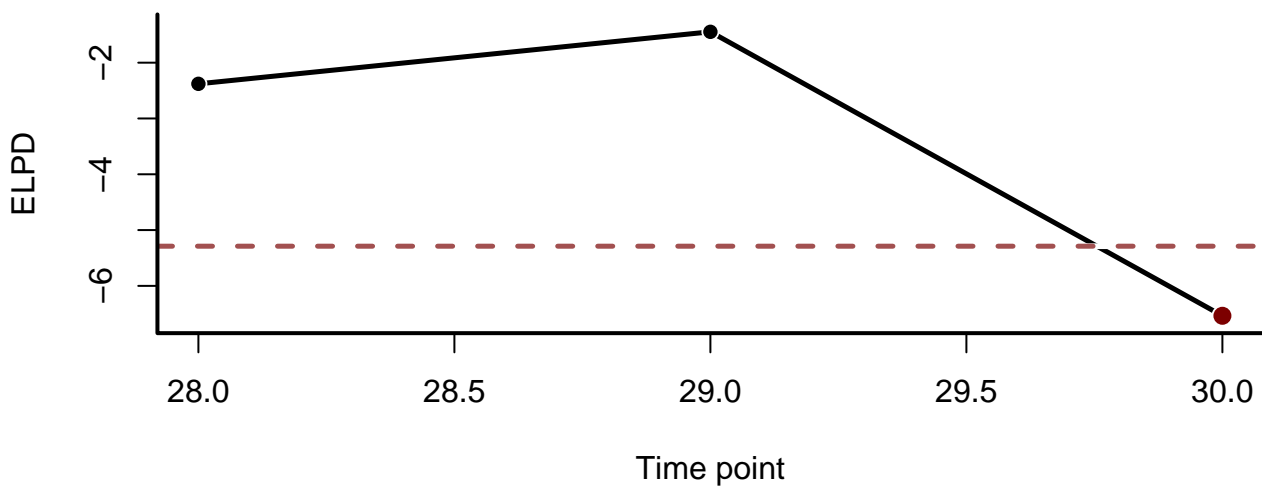
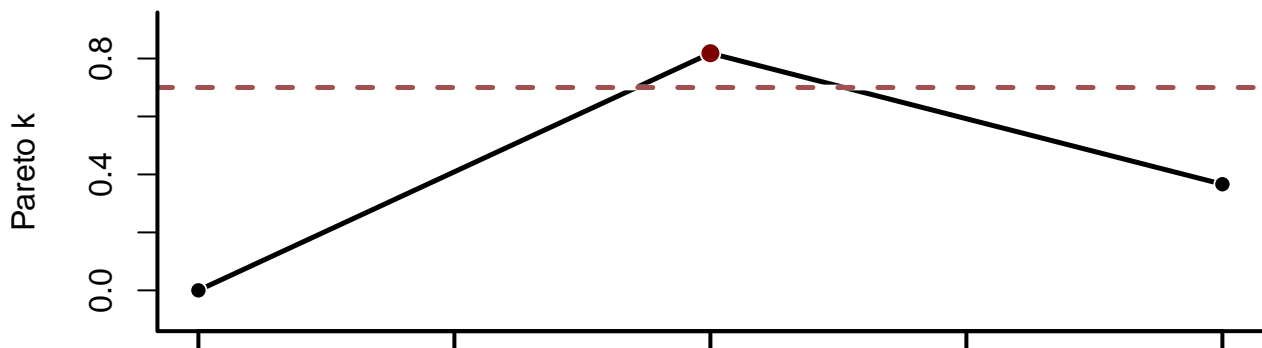
model 1

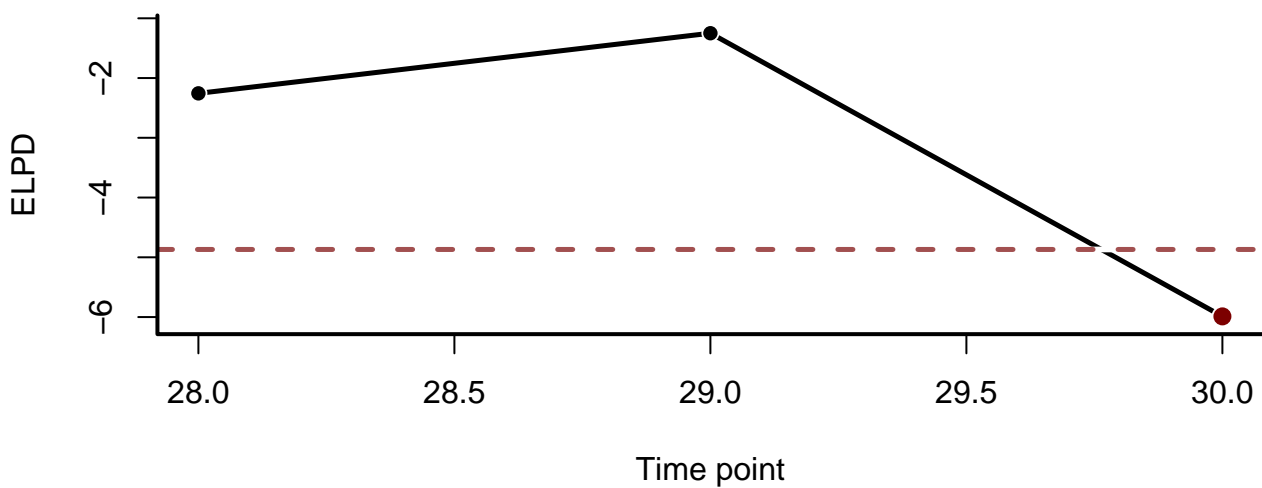
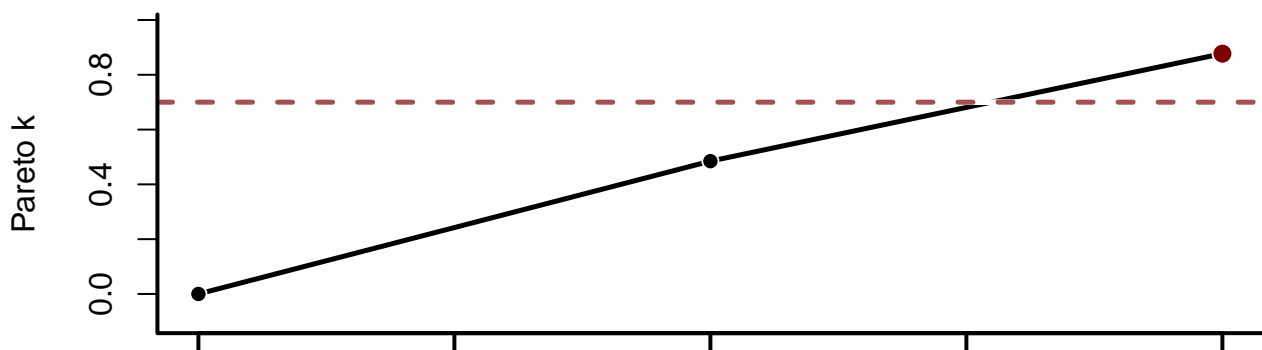


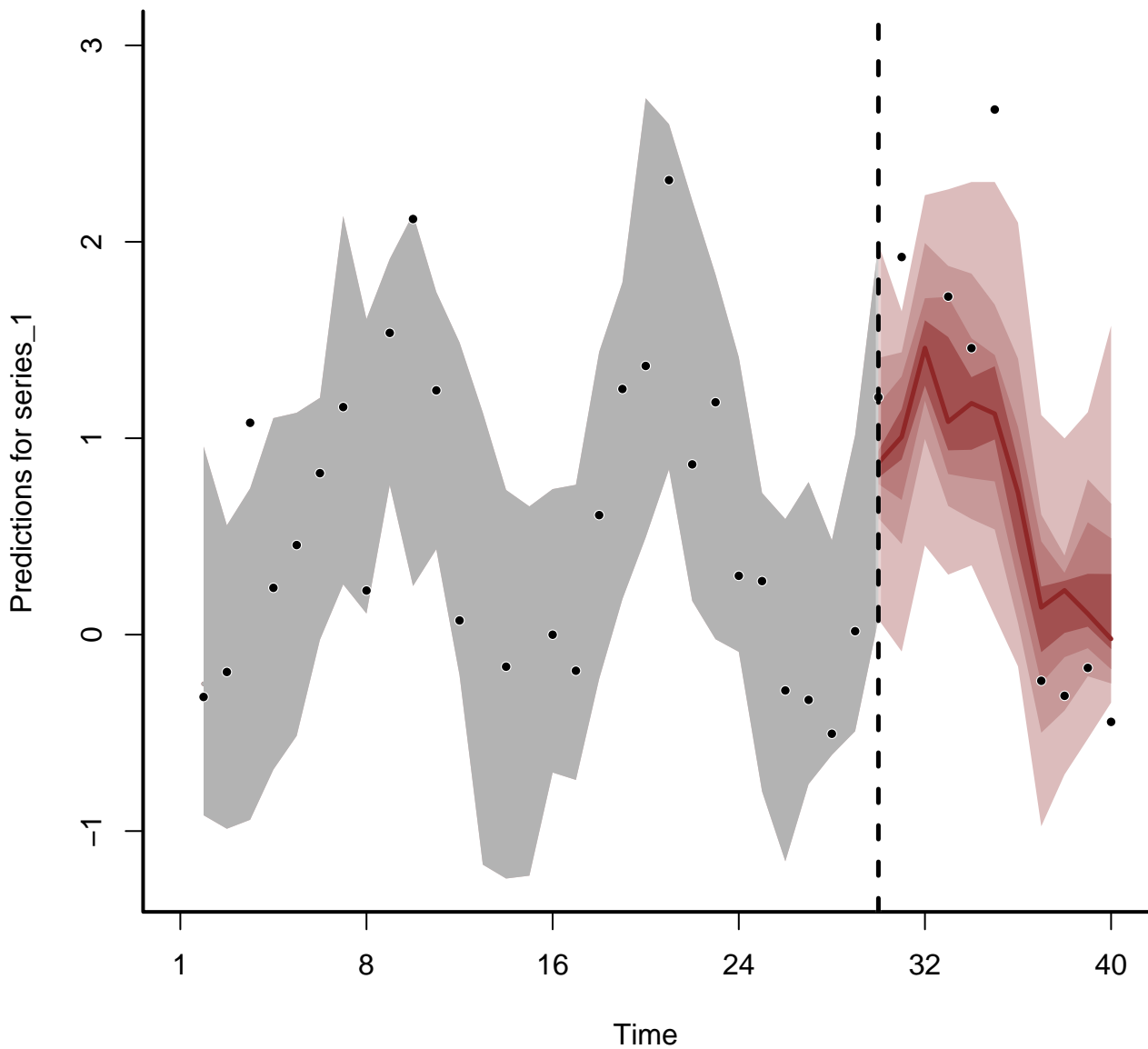
model 2



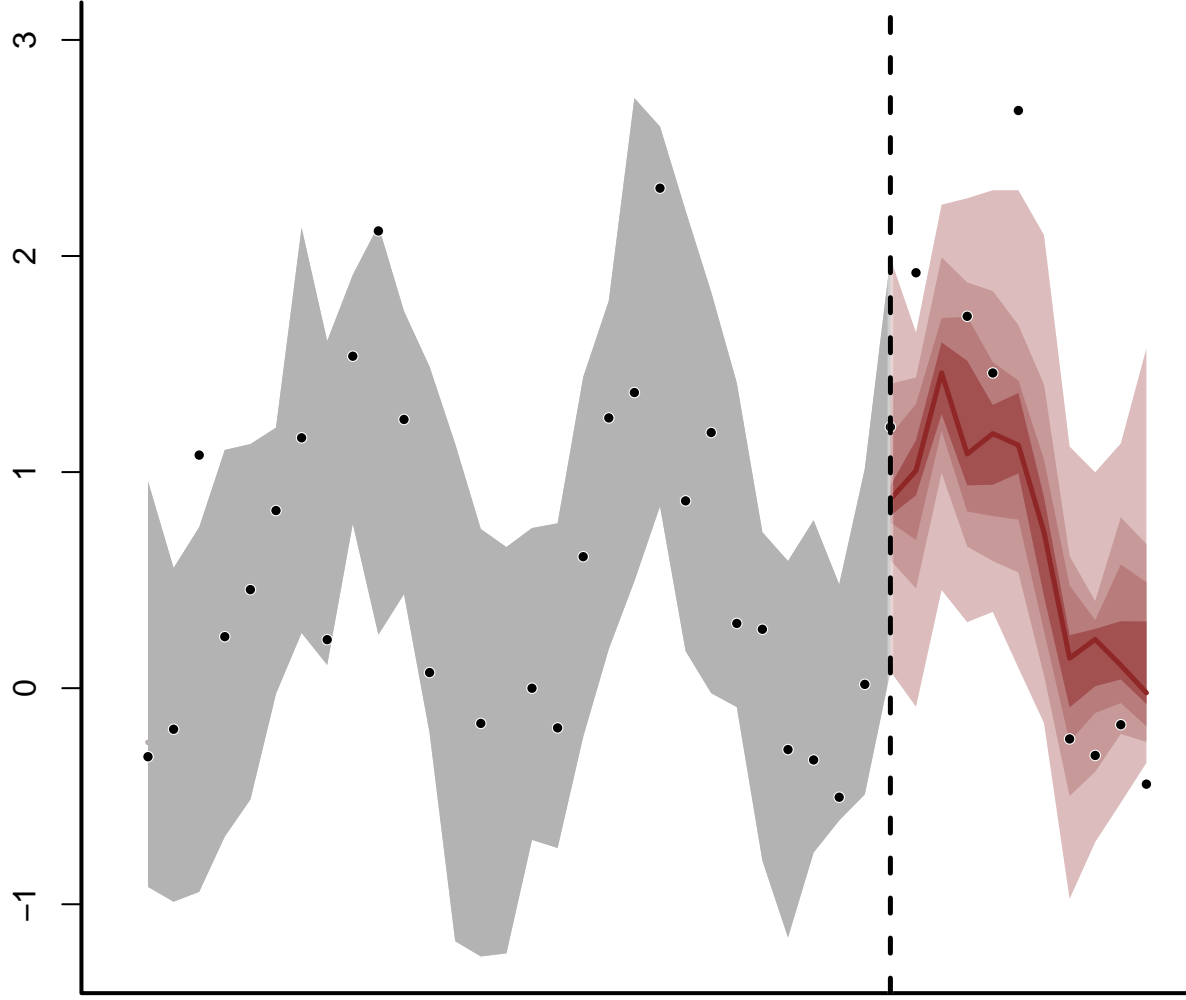


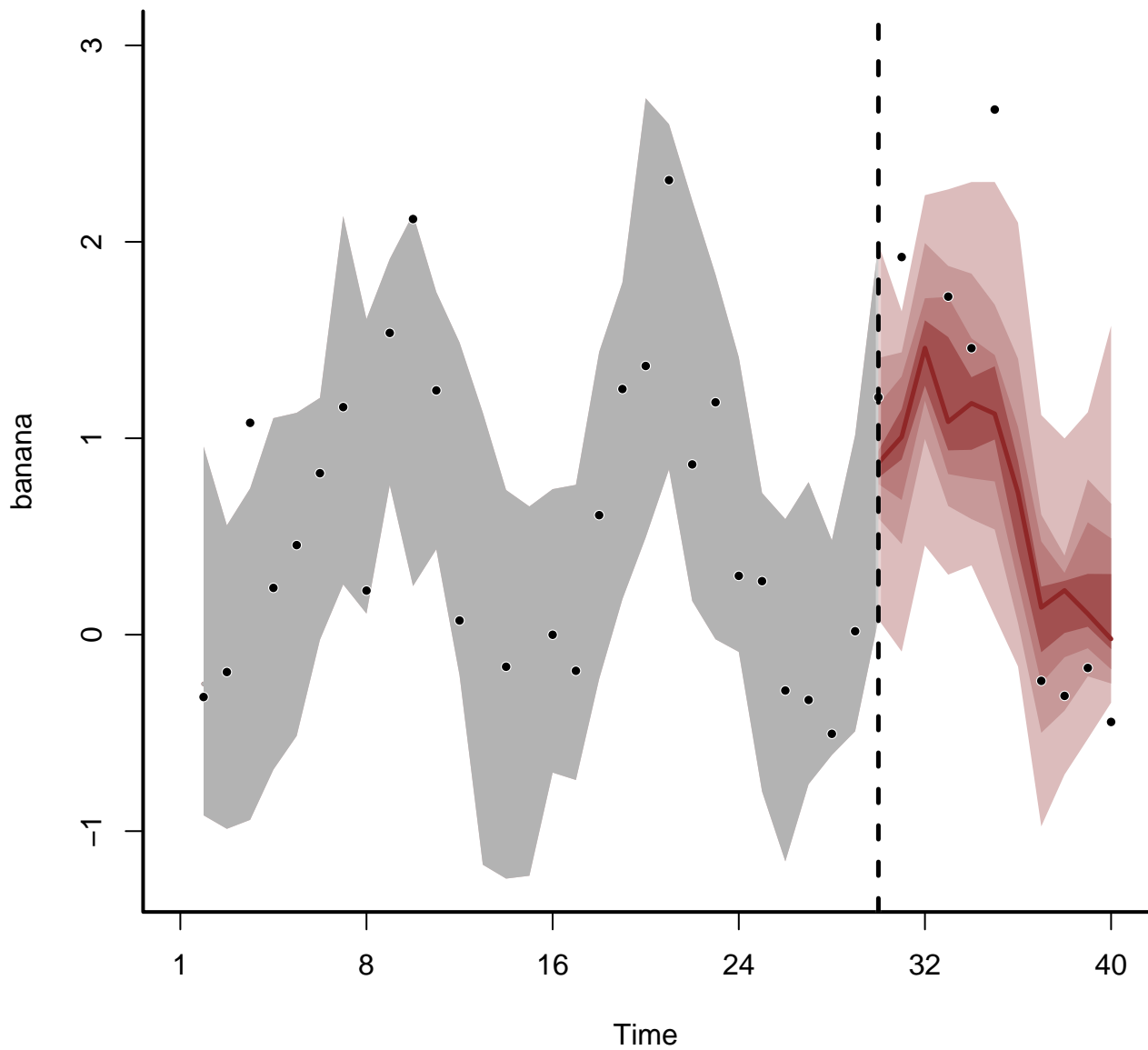


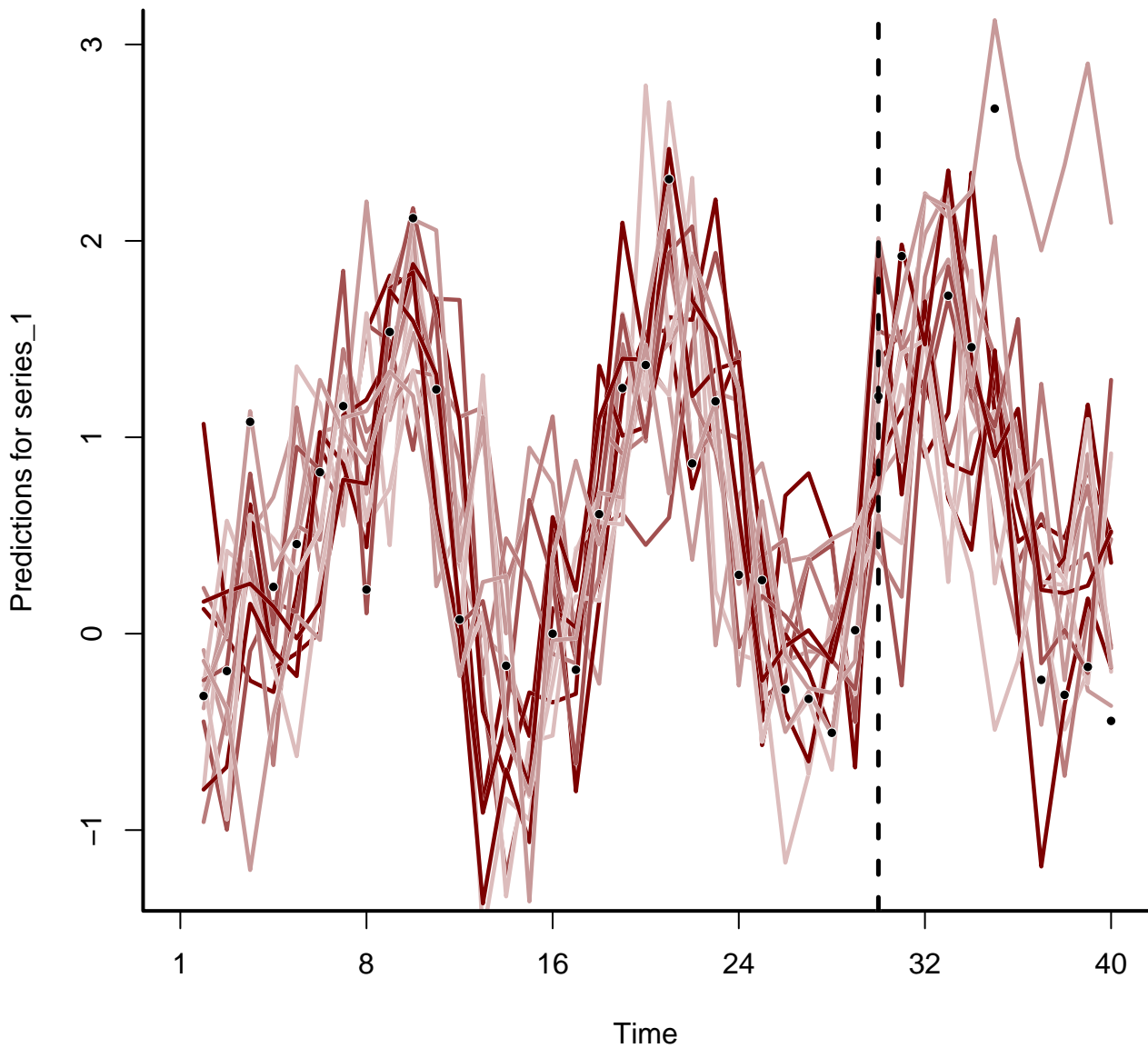


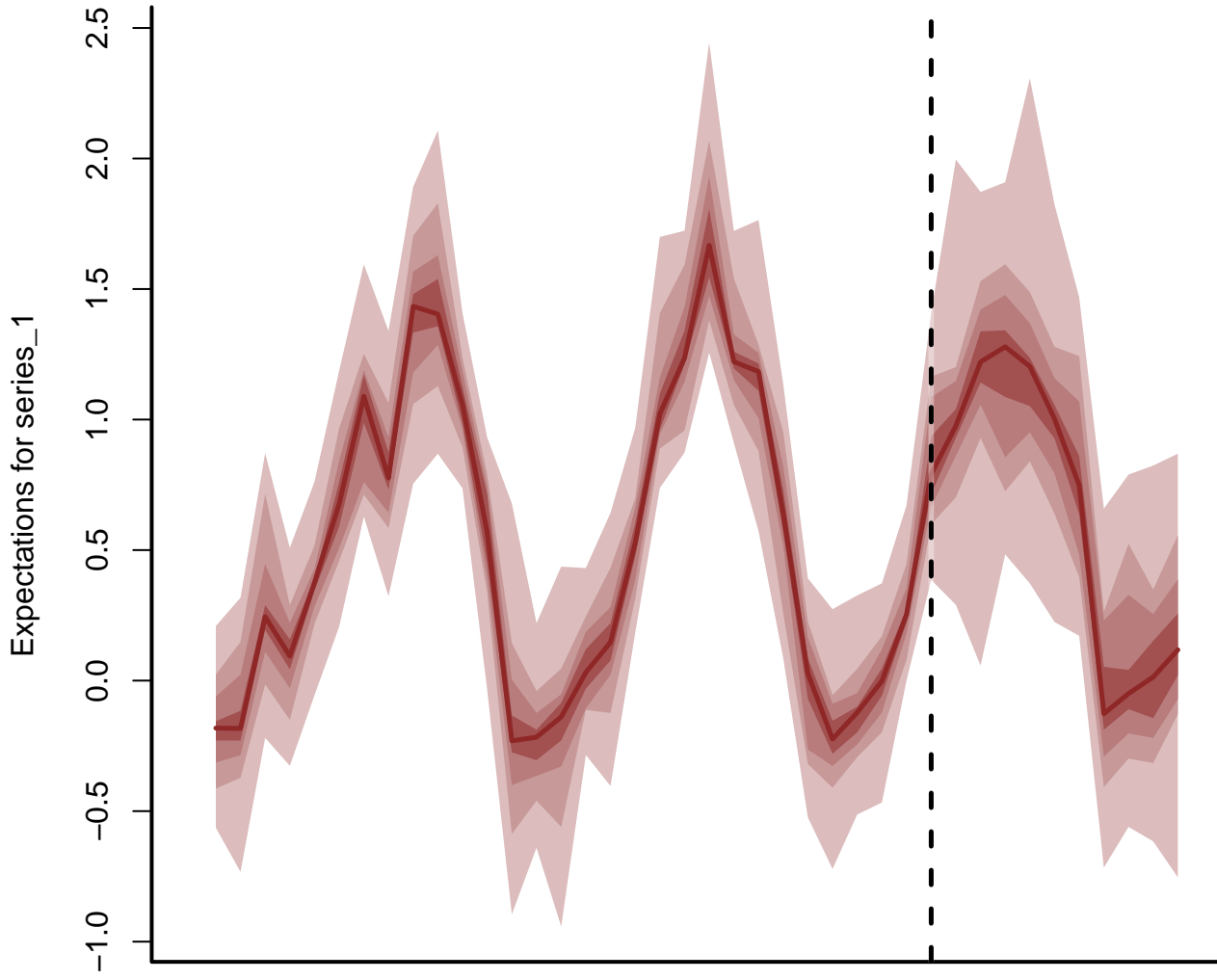


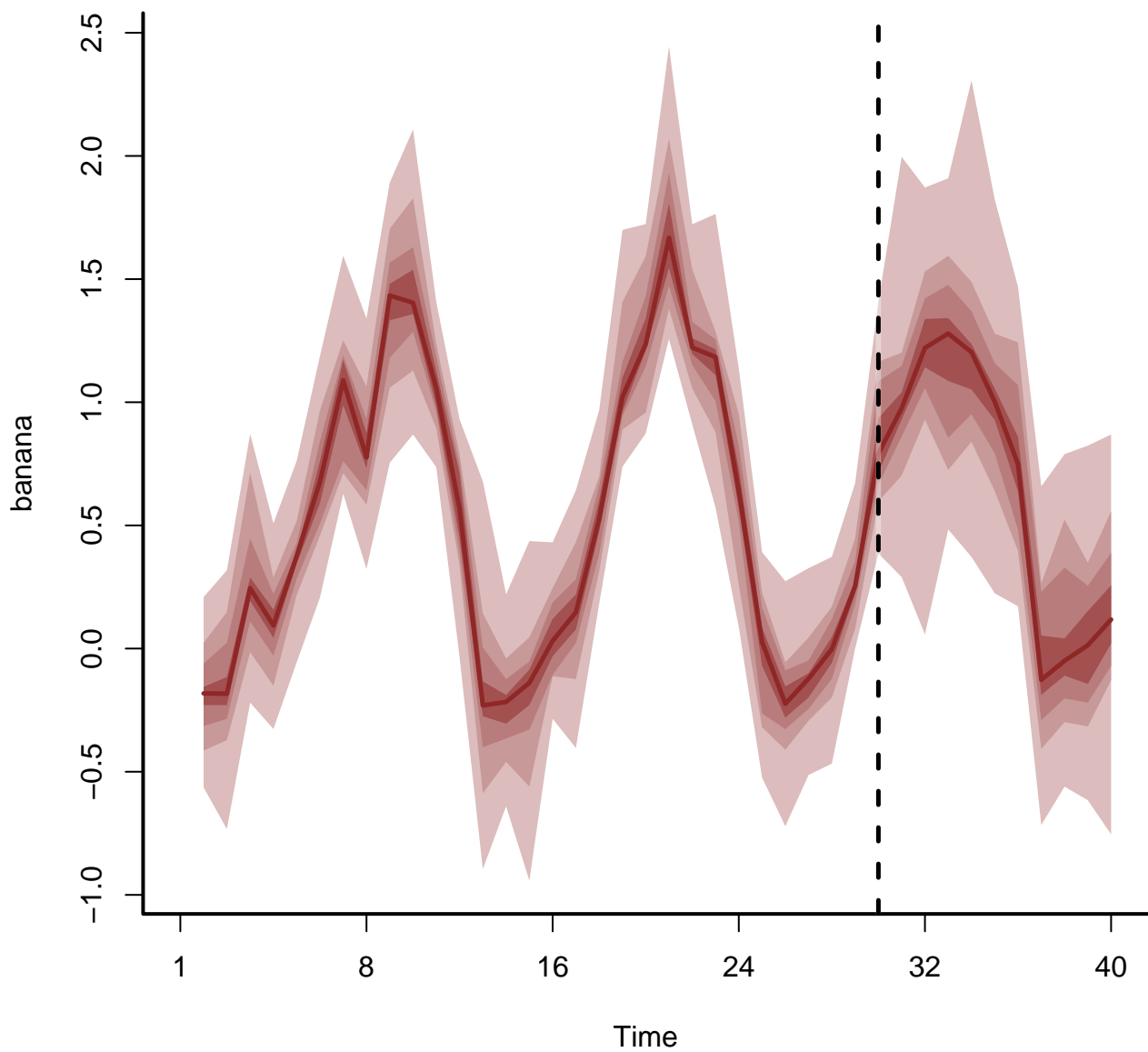
Predictions for series_1

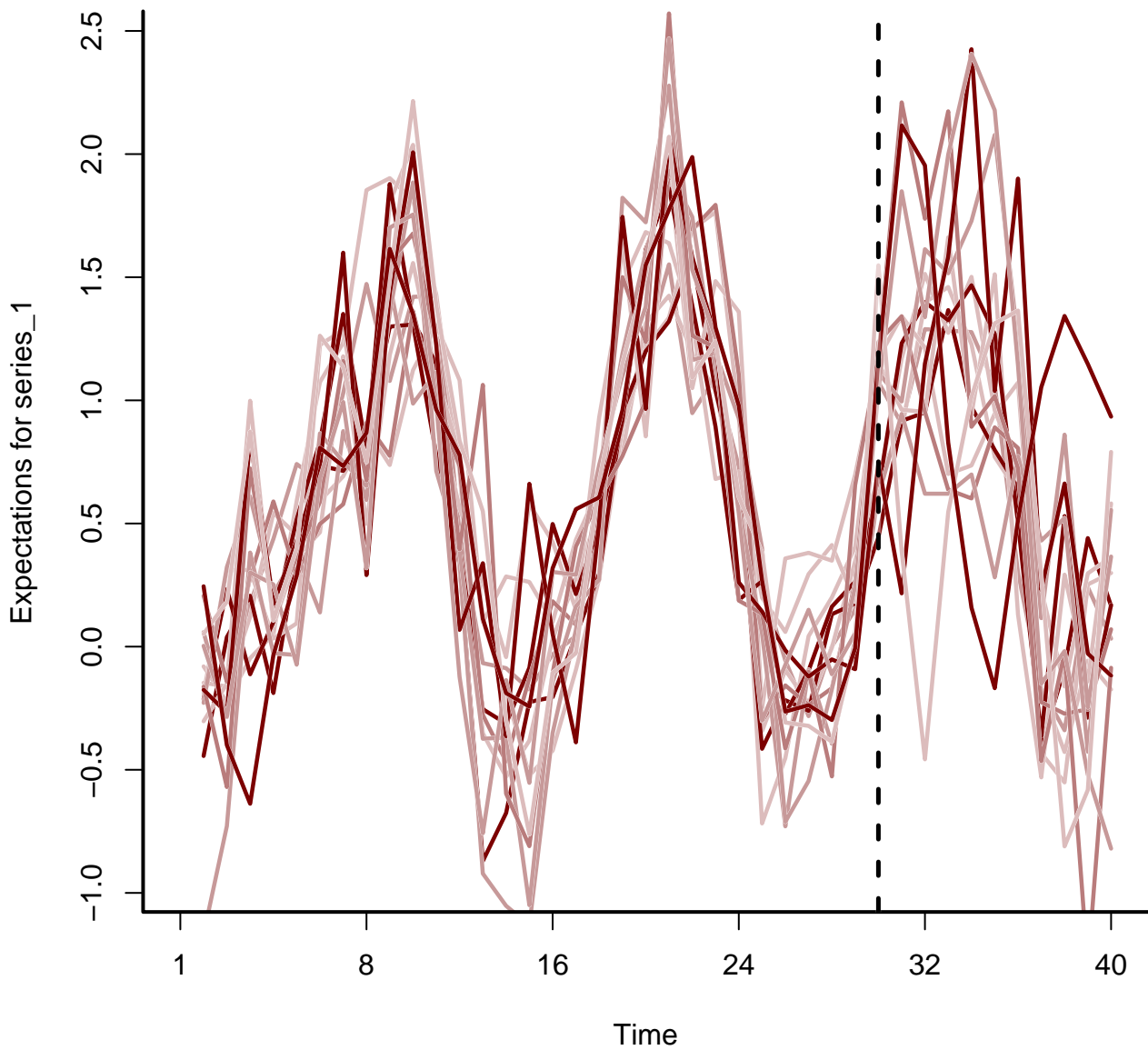




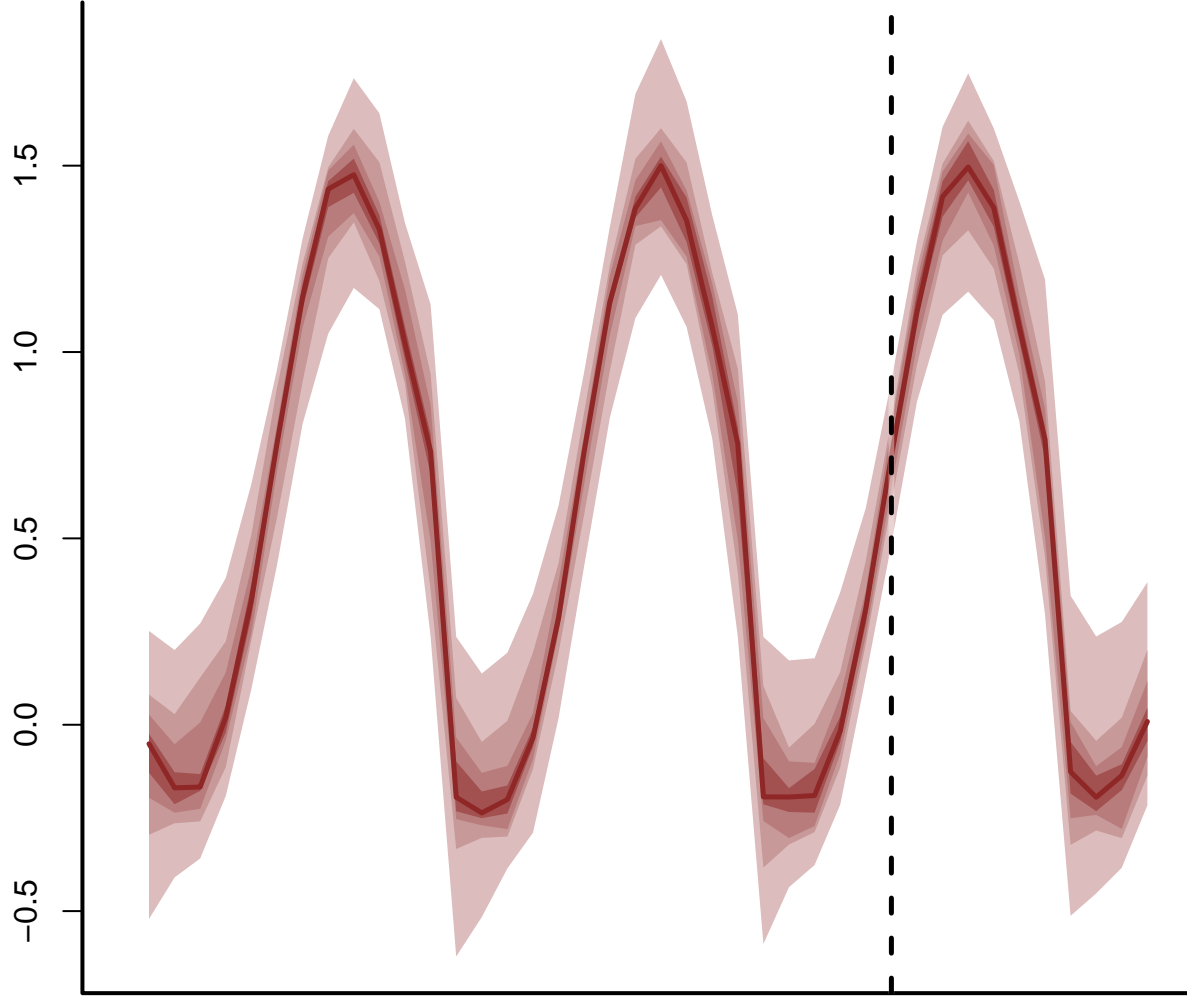


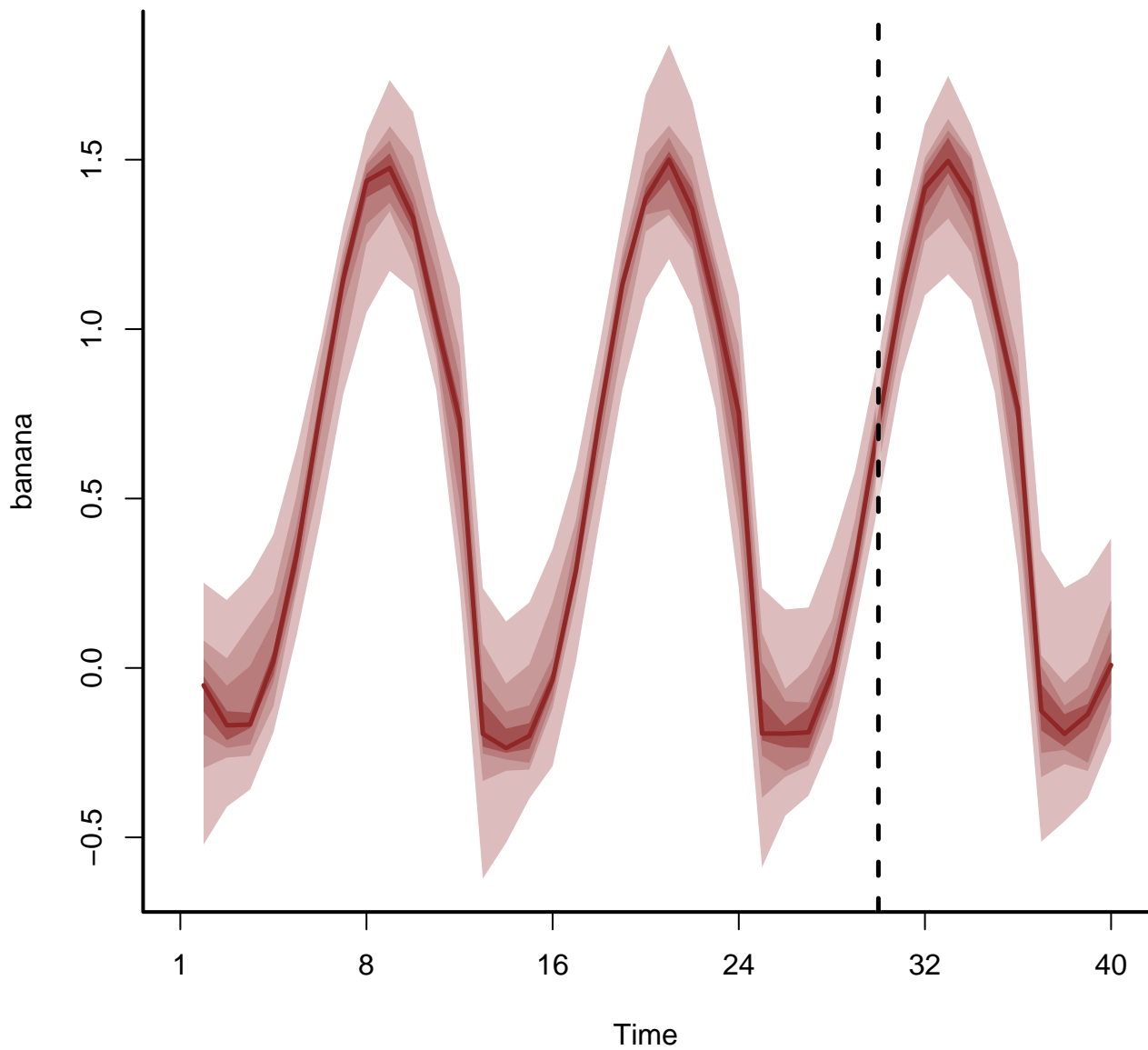


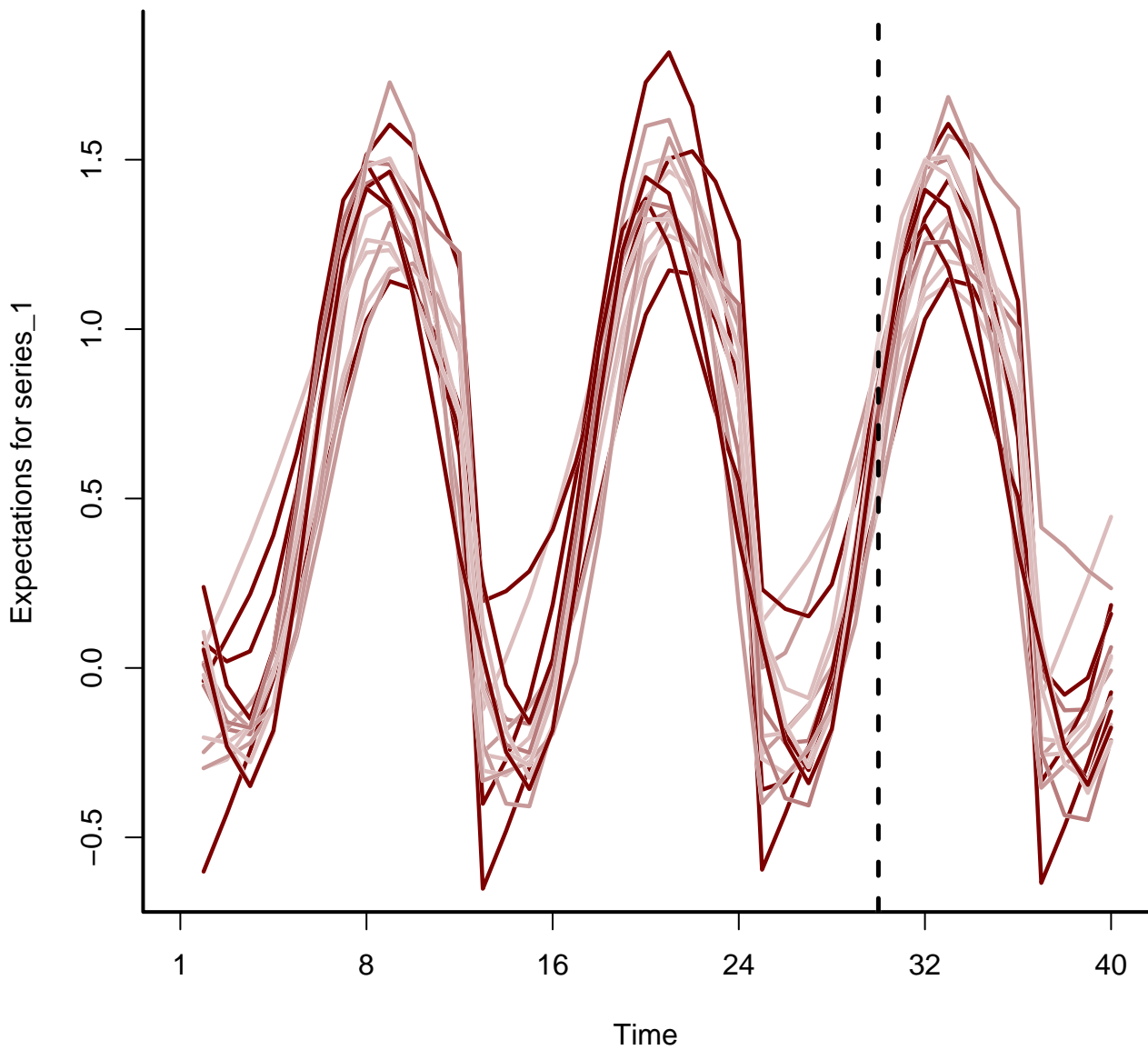


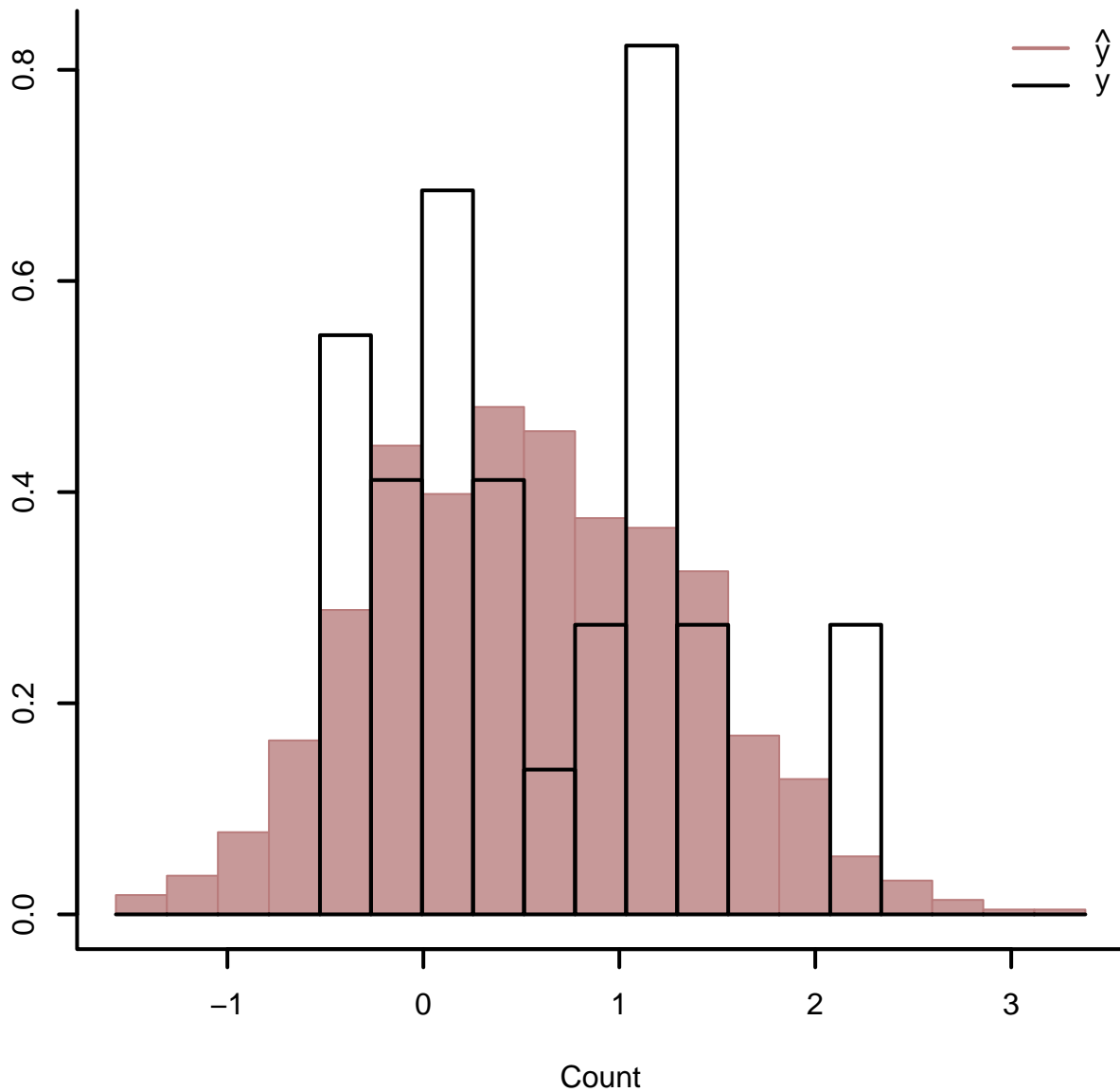


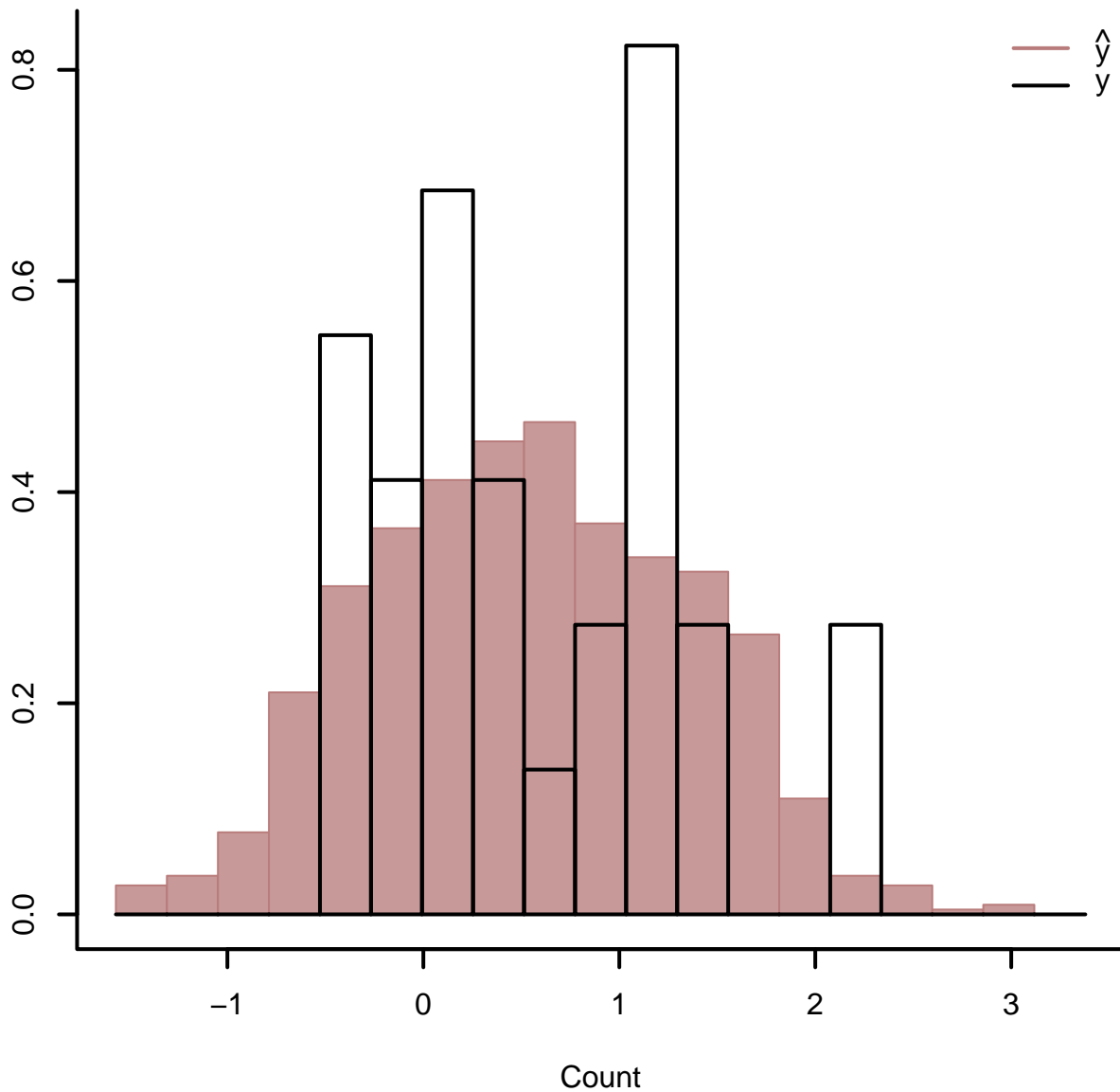
Expectations for series_1

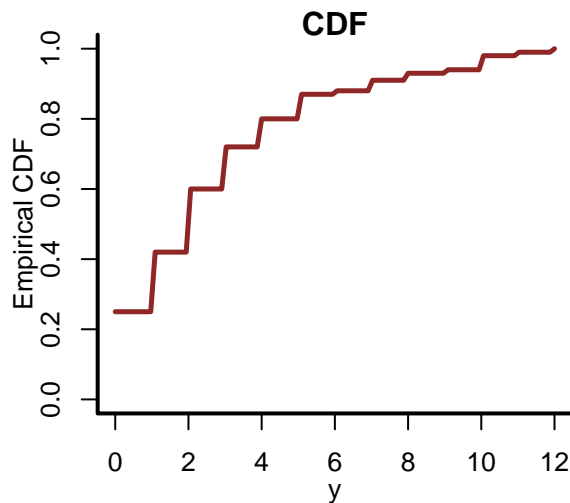
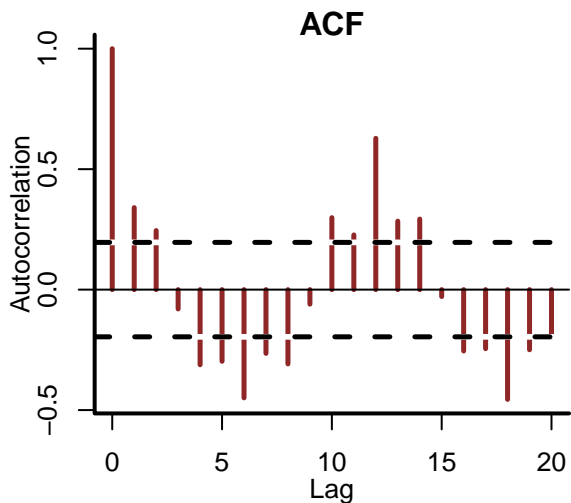
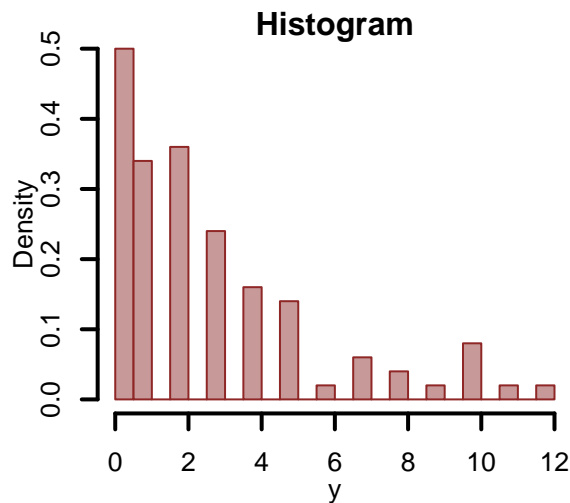
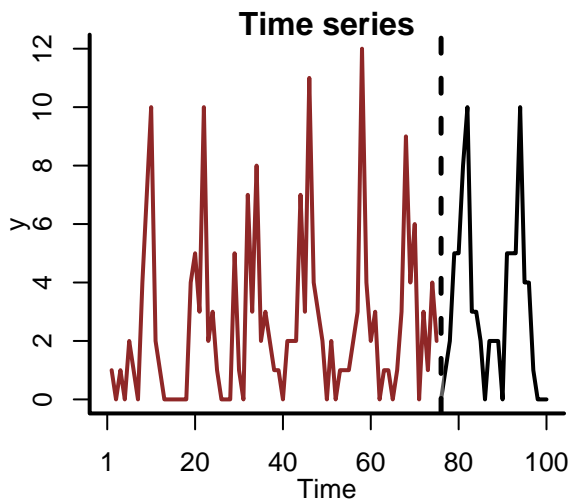


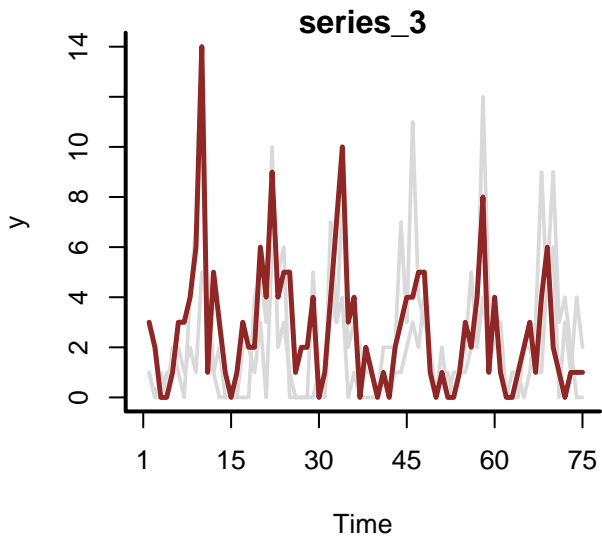
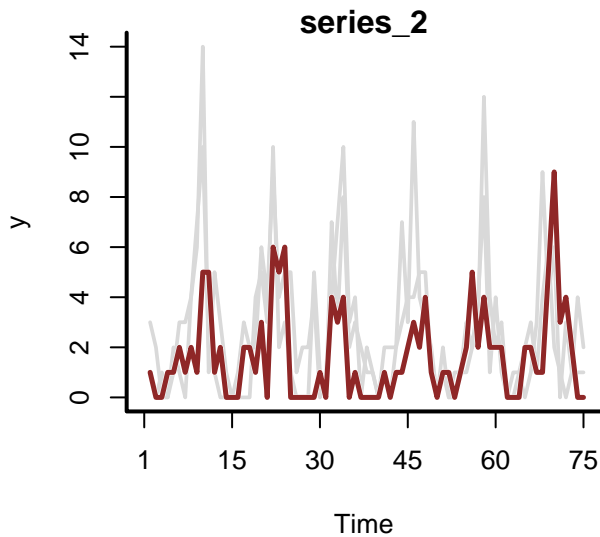
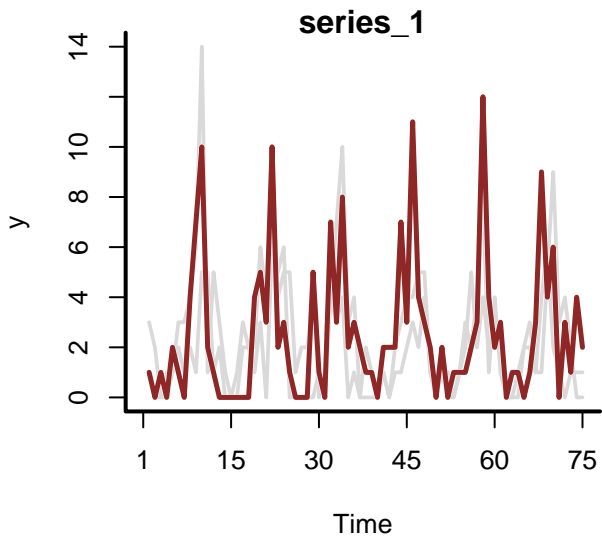


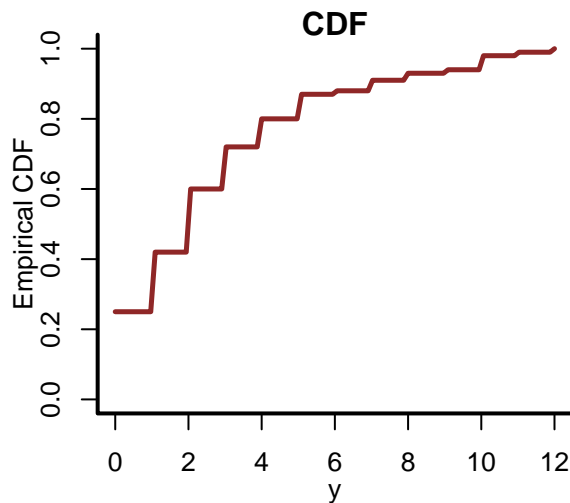
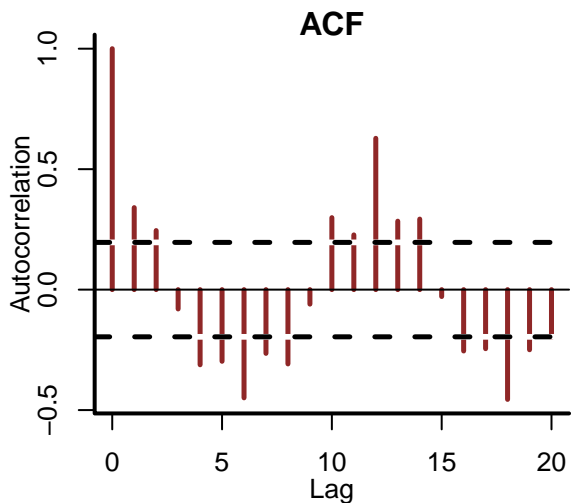
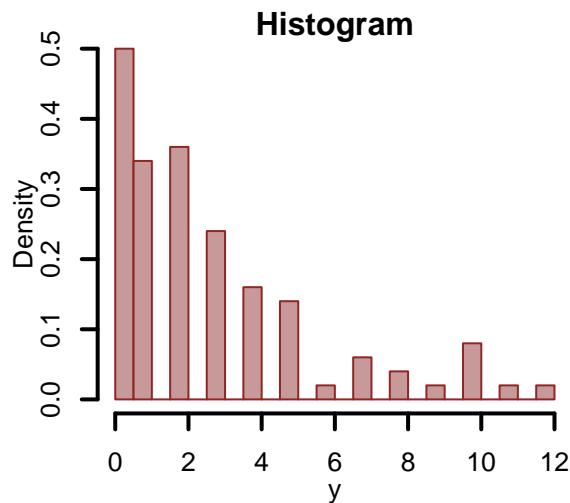
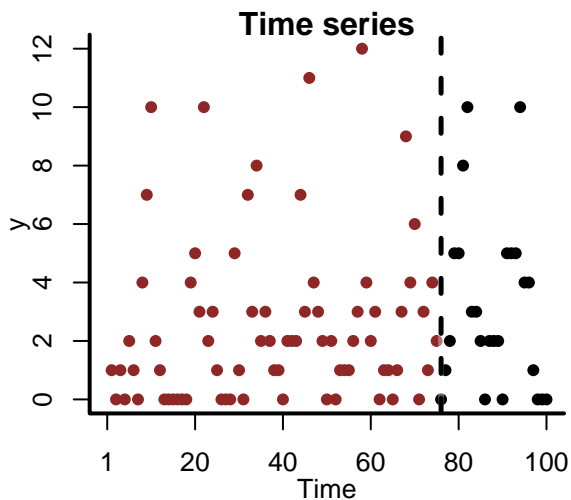


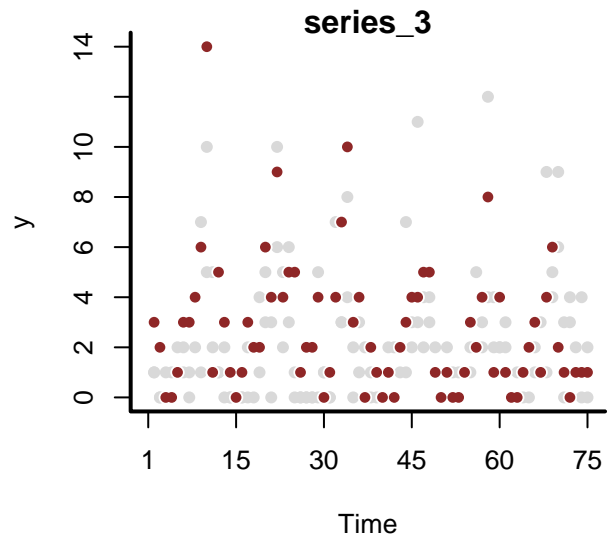
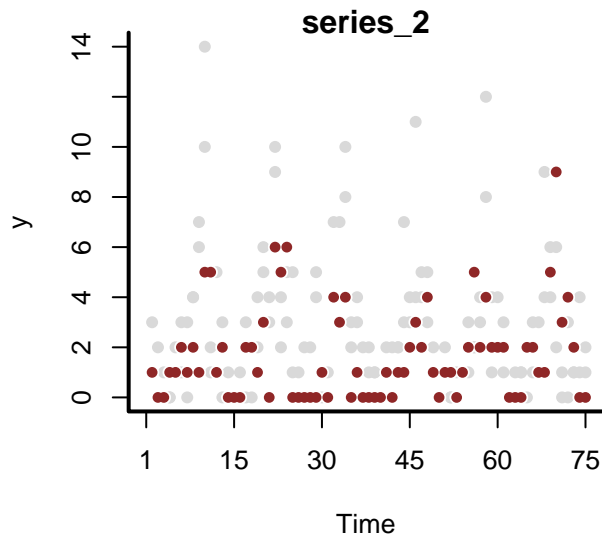
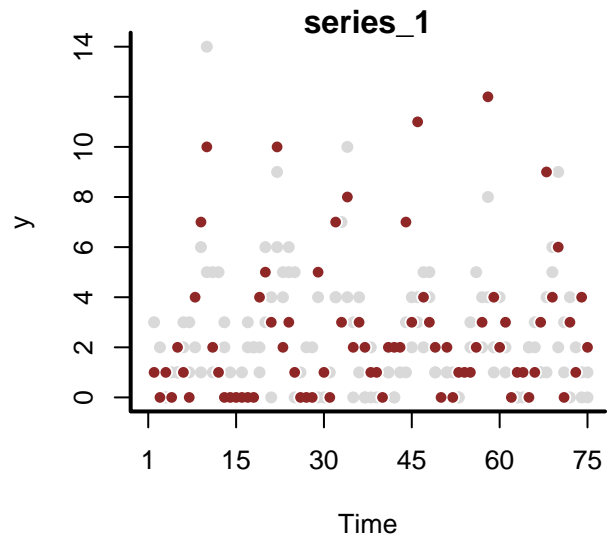


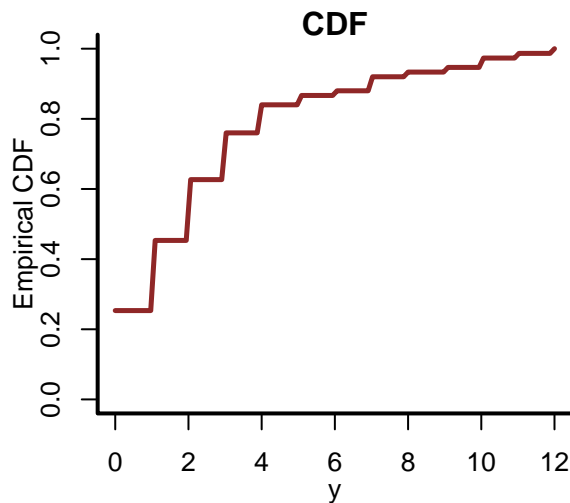
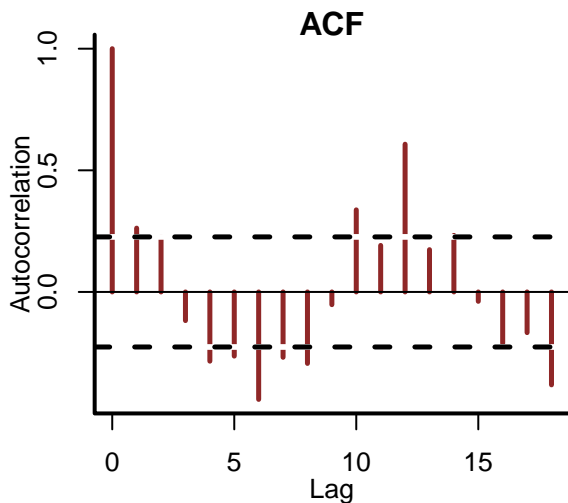
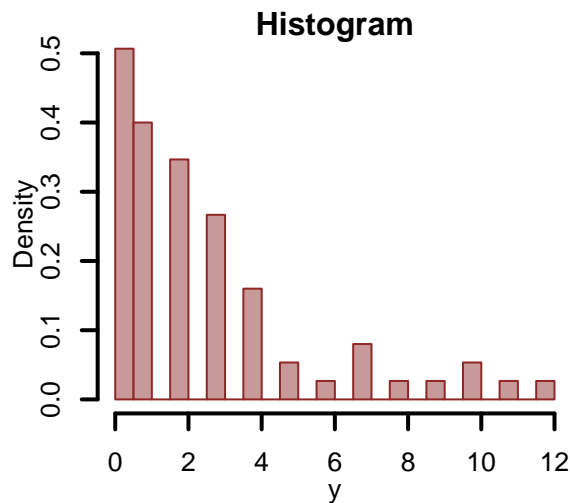
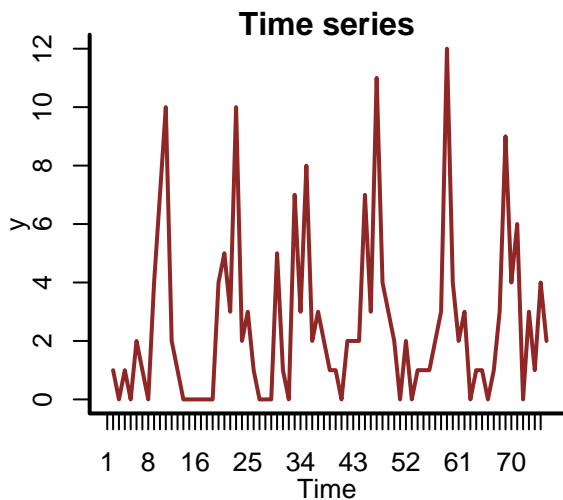


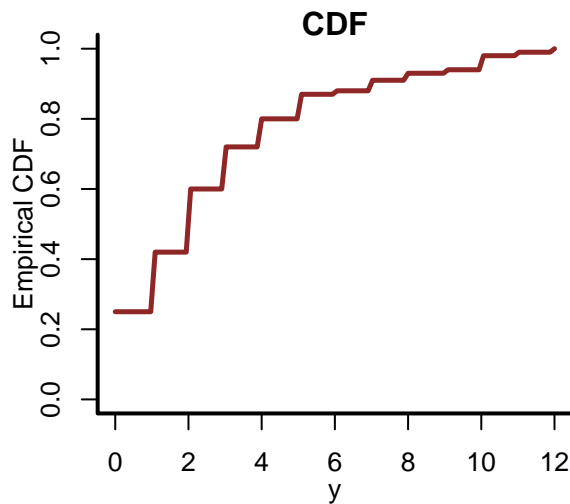
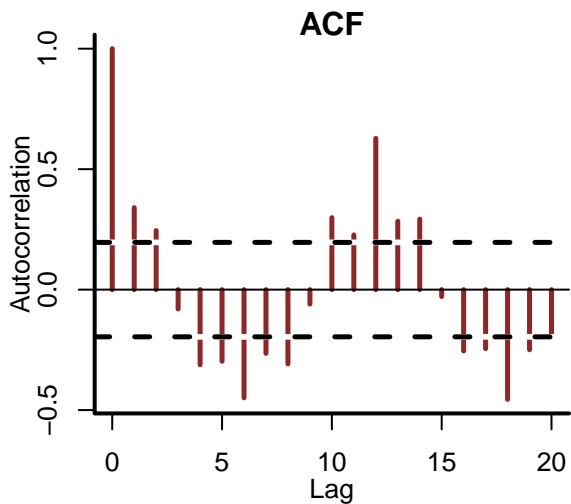
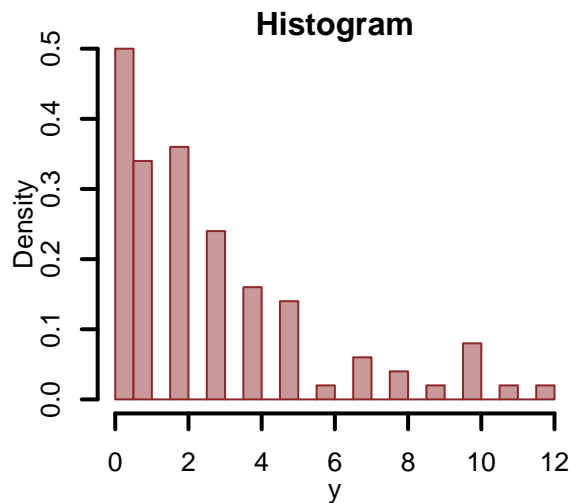
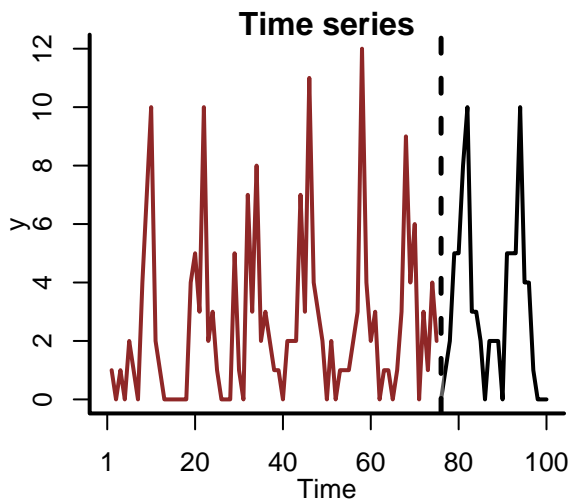


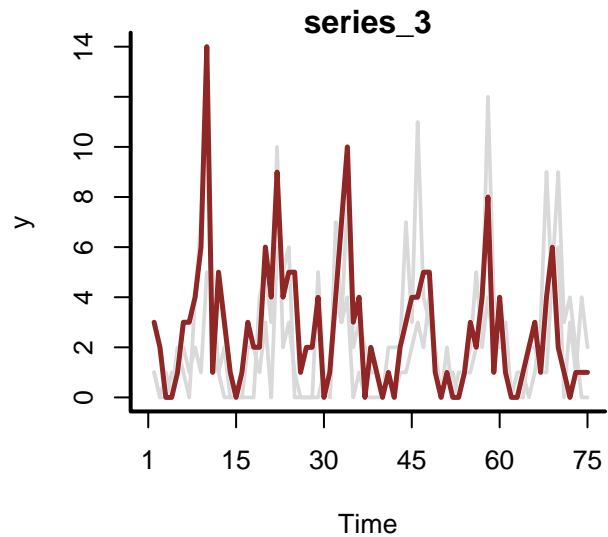
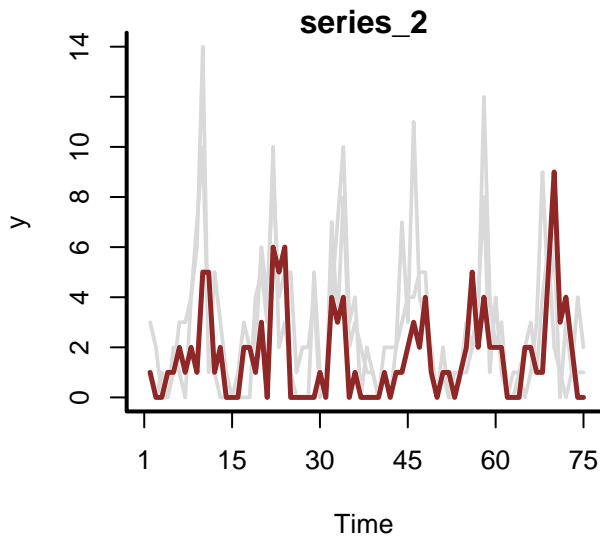
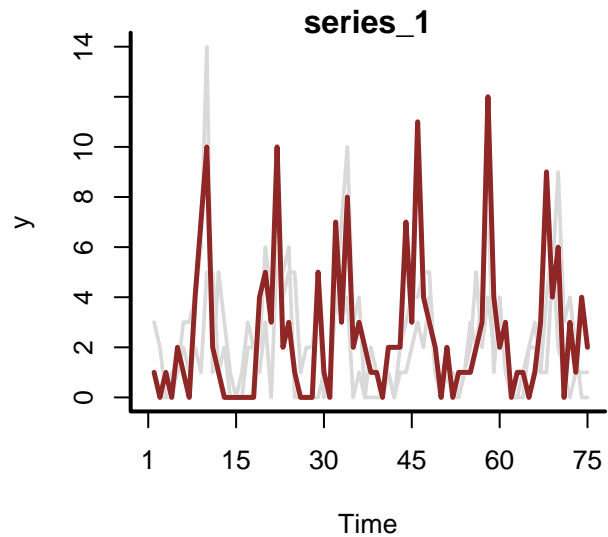


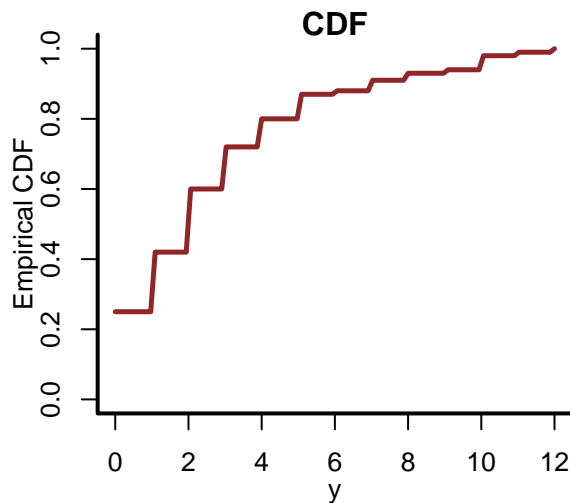
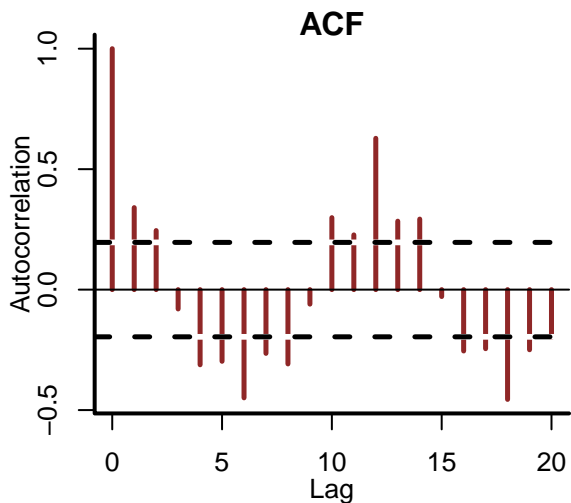
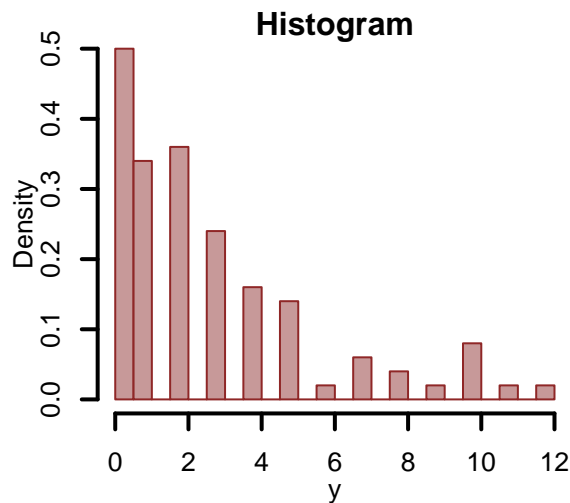
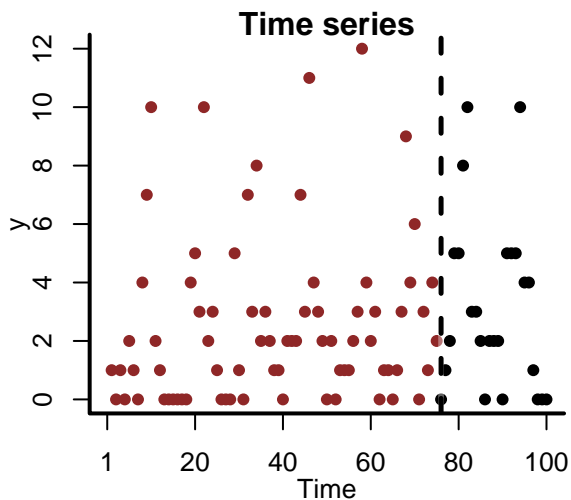


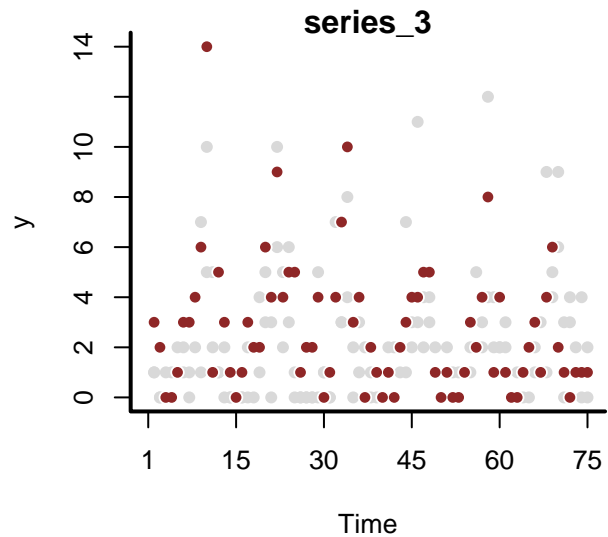
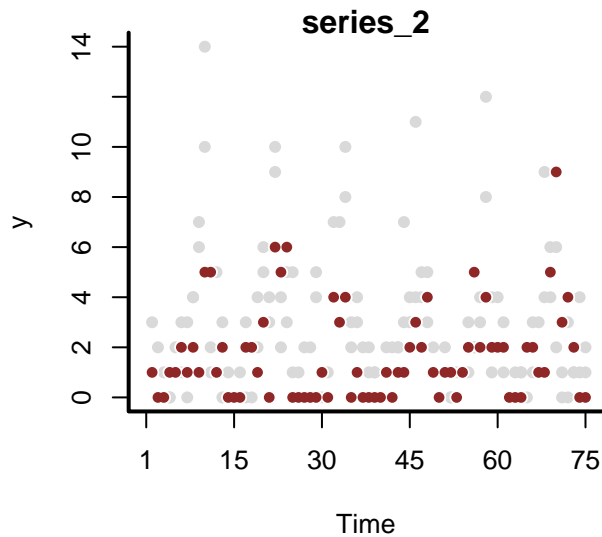
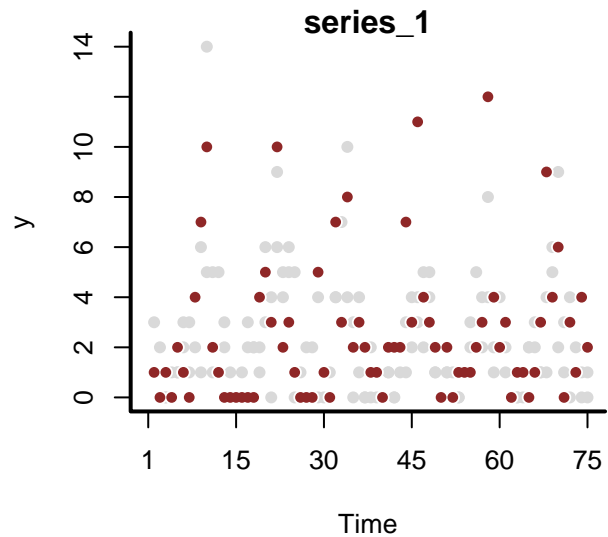




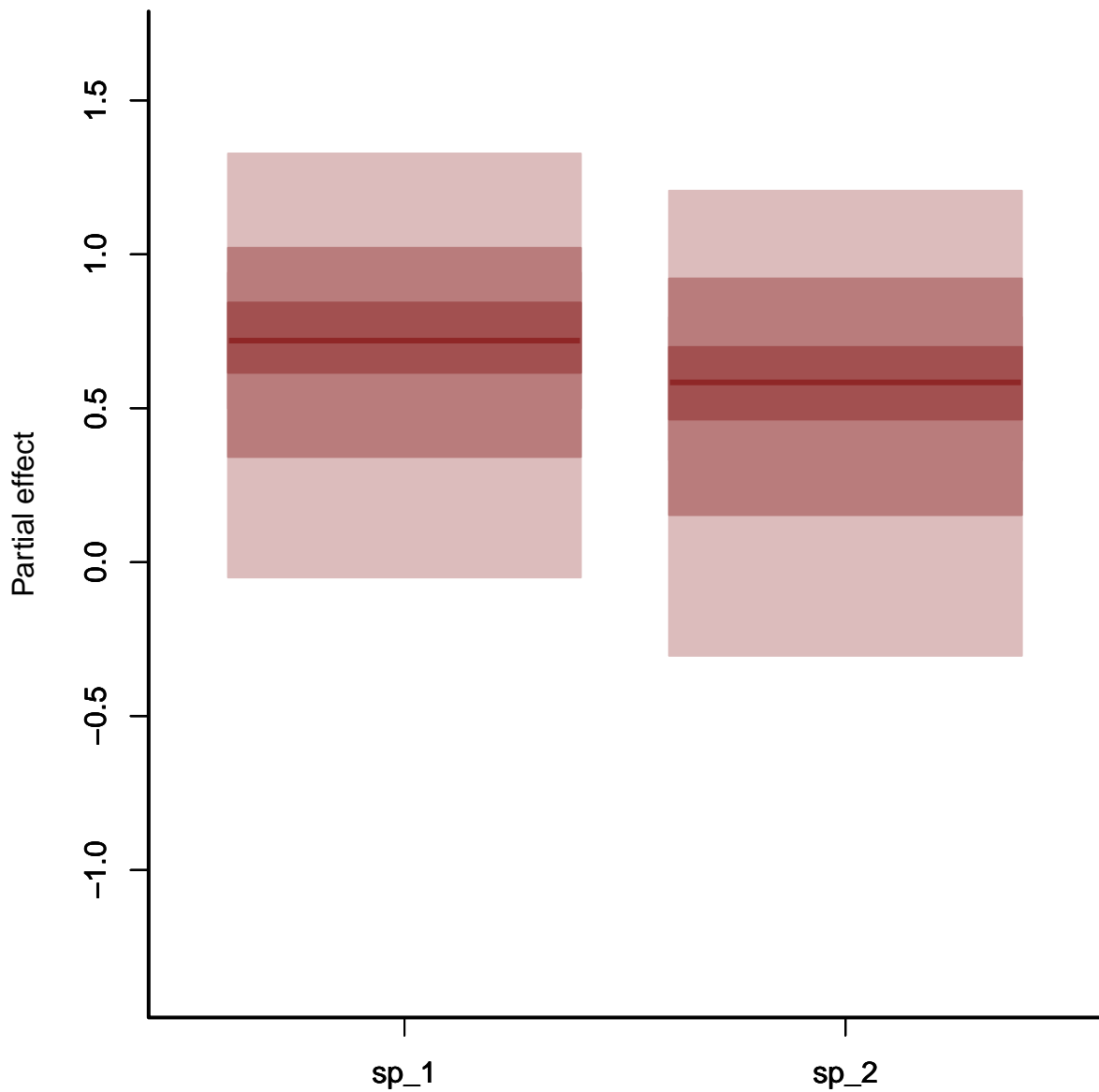








species



species

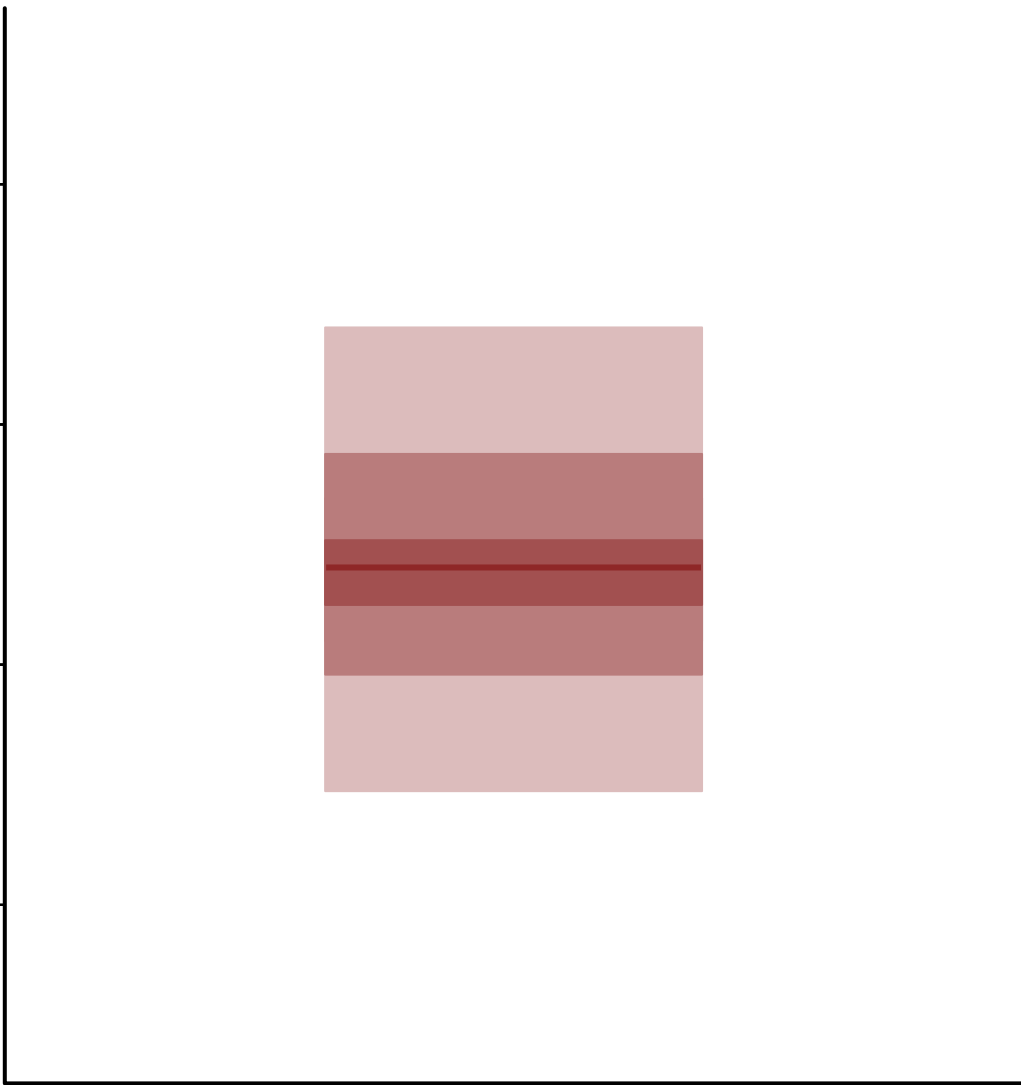
Partial effect

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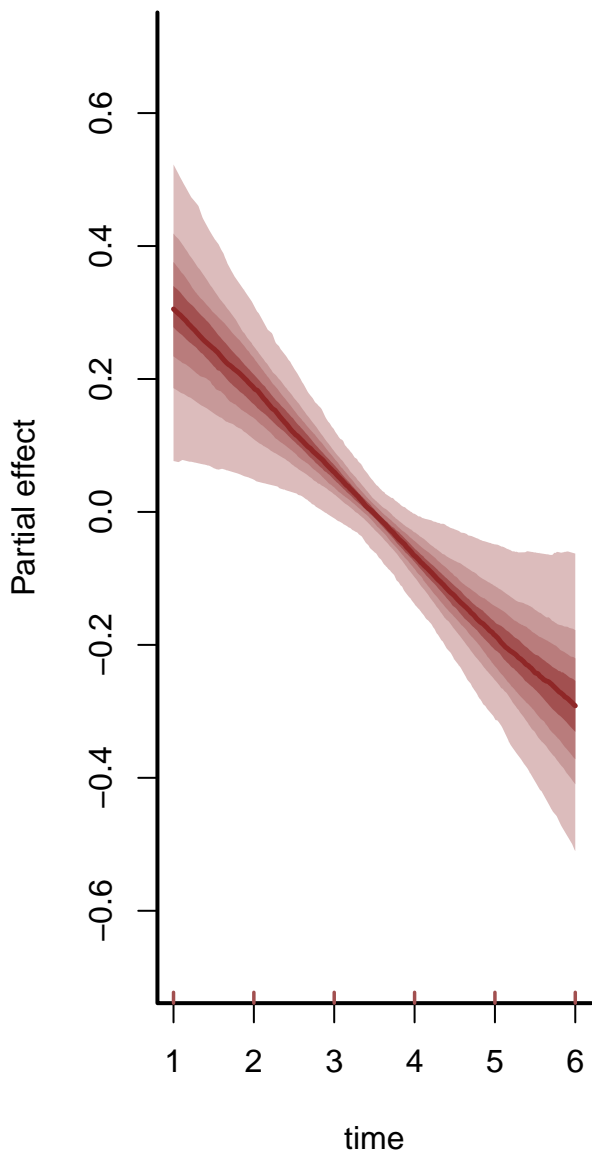
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-1.0

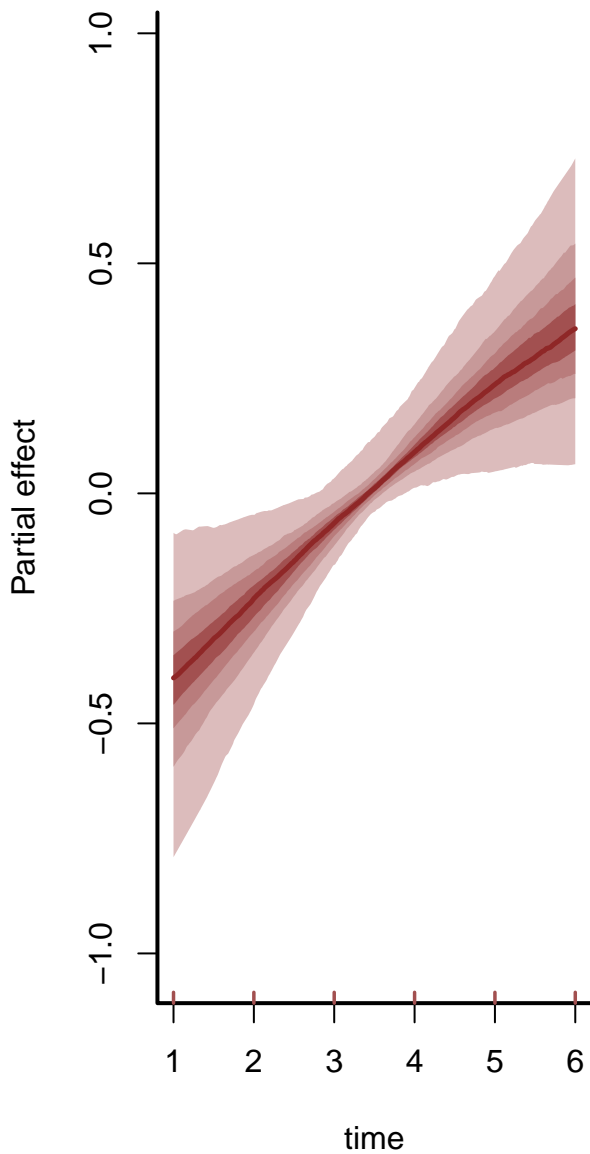
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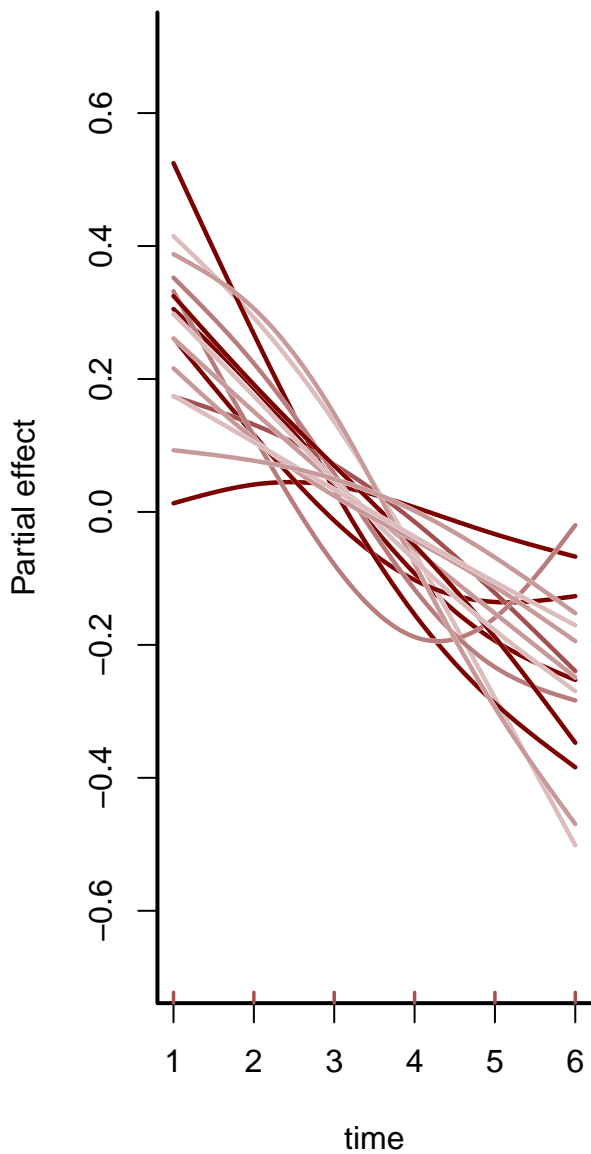
s(time):trendtrend1



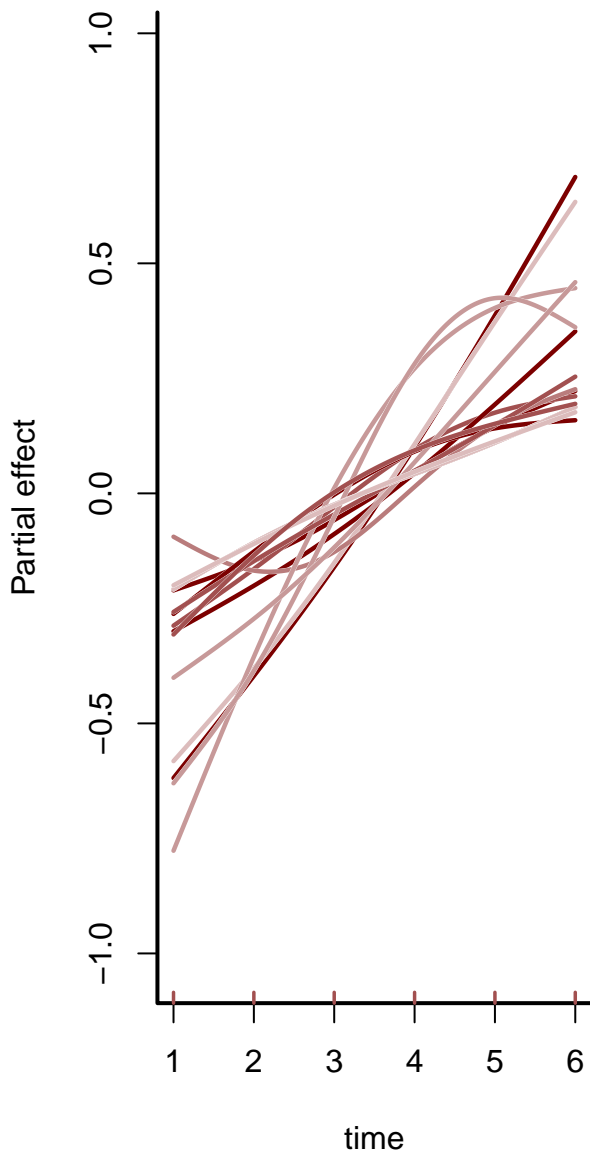
s(time):trendtrend2



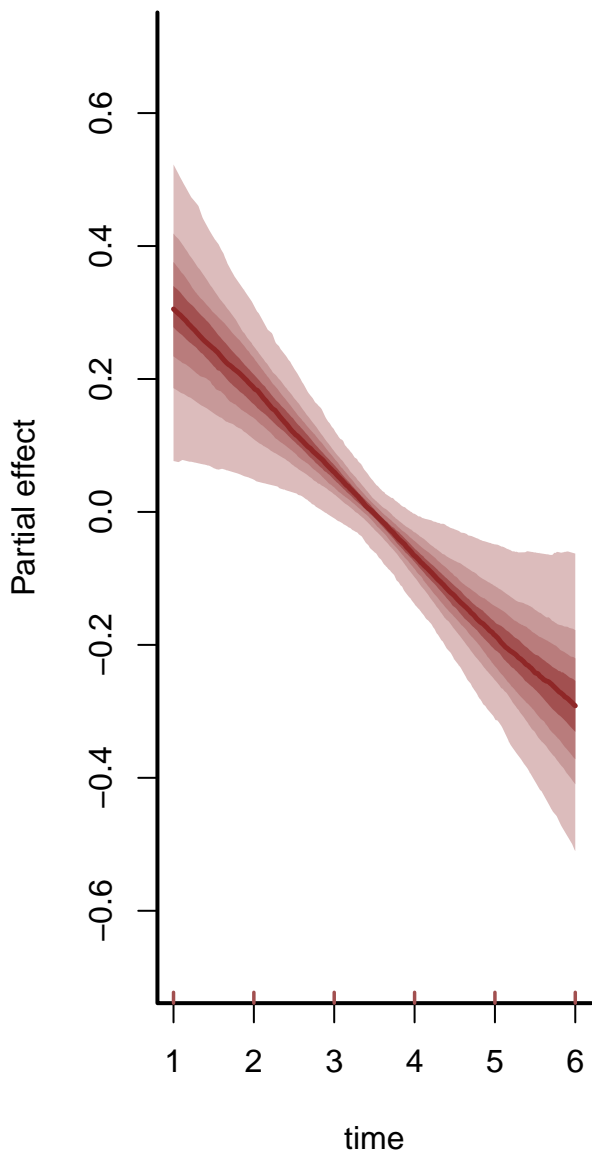
s(time):trendtrend1



s(time):trendtrend2



s(time):trendtrend1



s(time):trendtrend2

