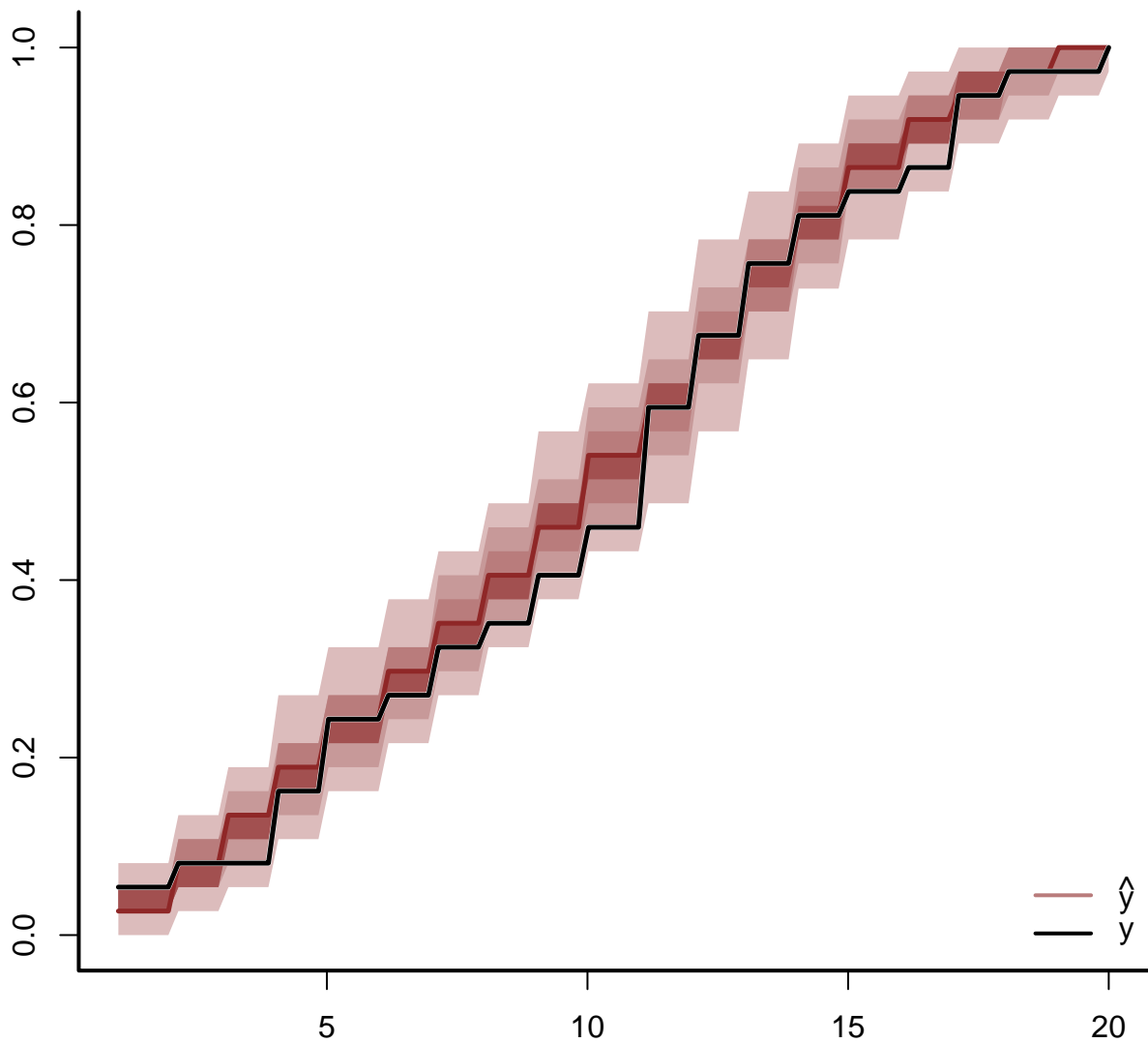
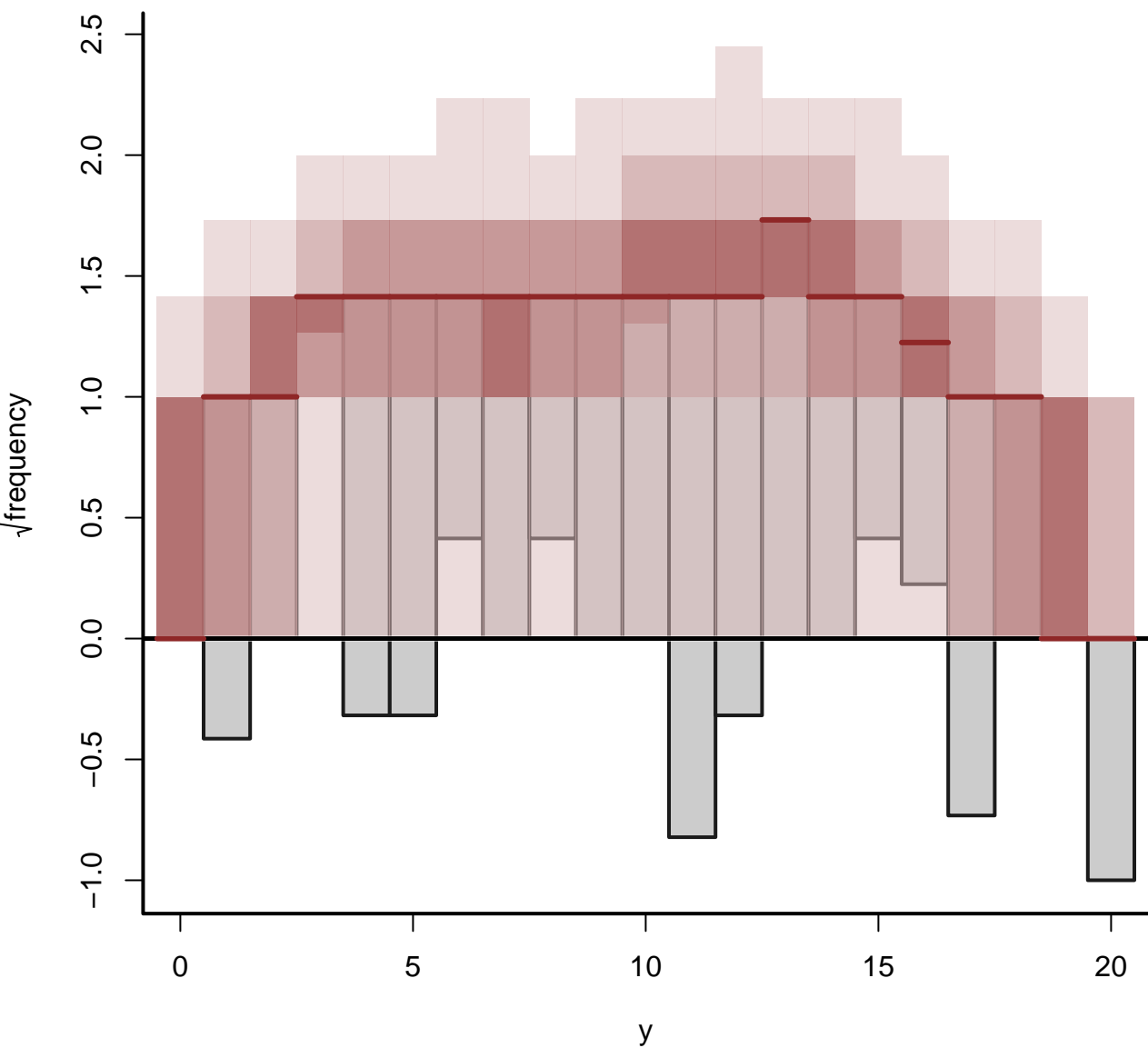


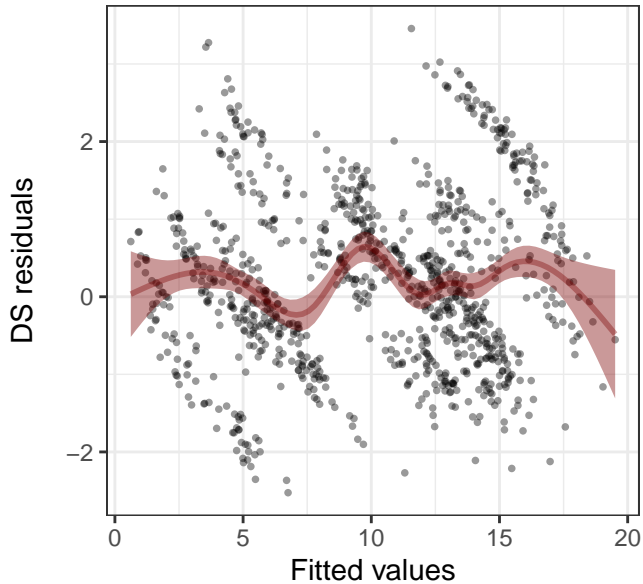
Predictive PIT for series1

Predictive CDF for series1

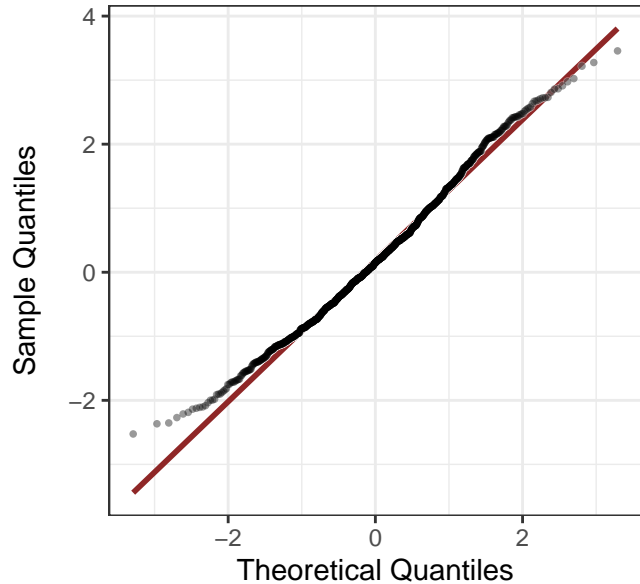




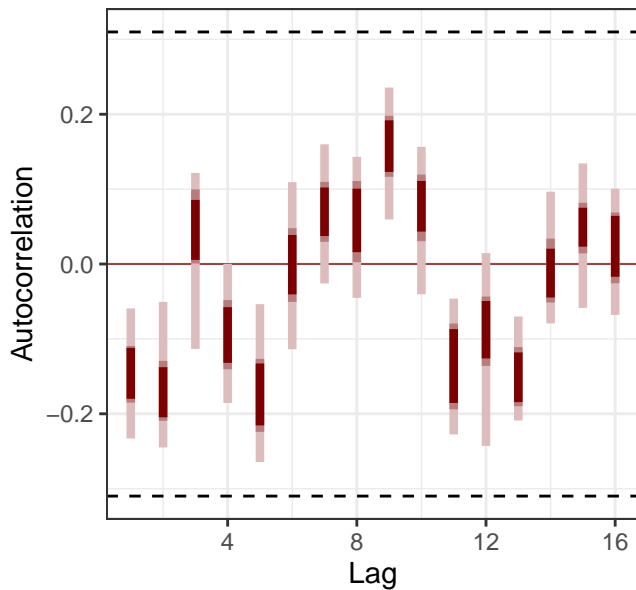
Residuals vs Fitted



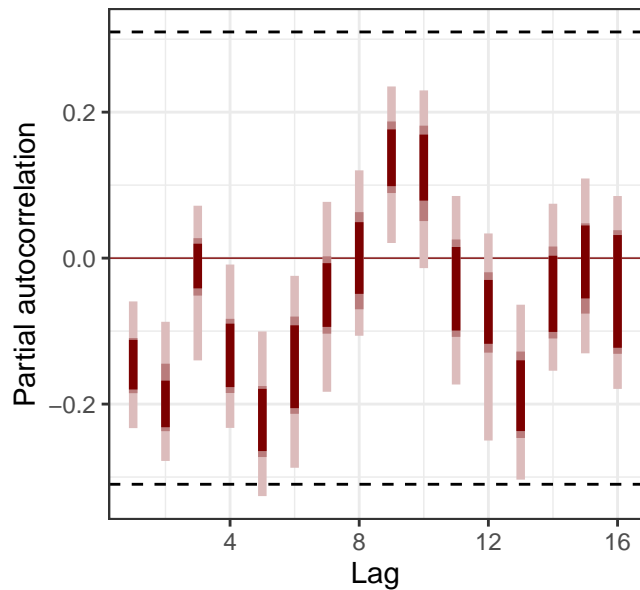
Normal Q-Q Plot

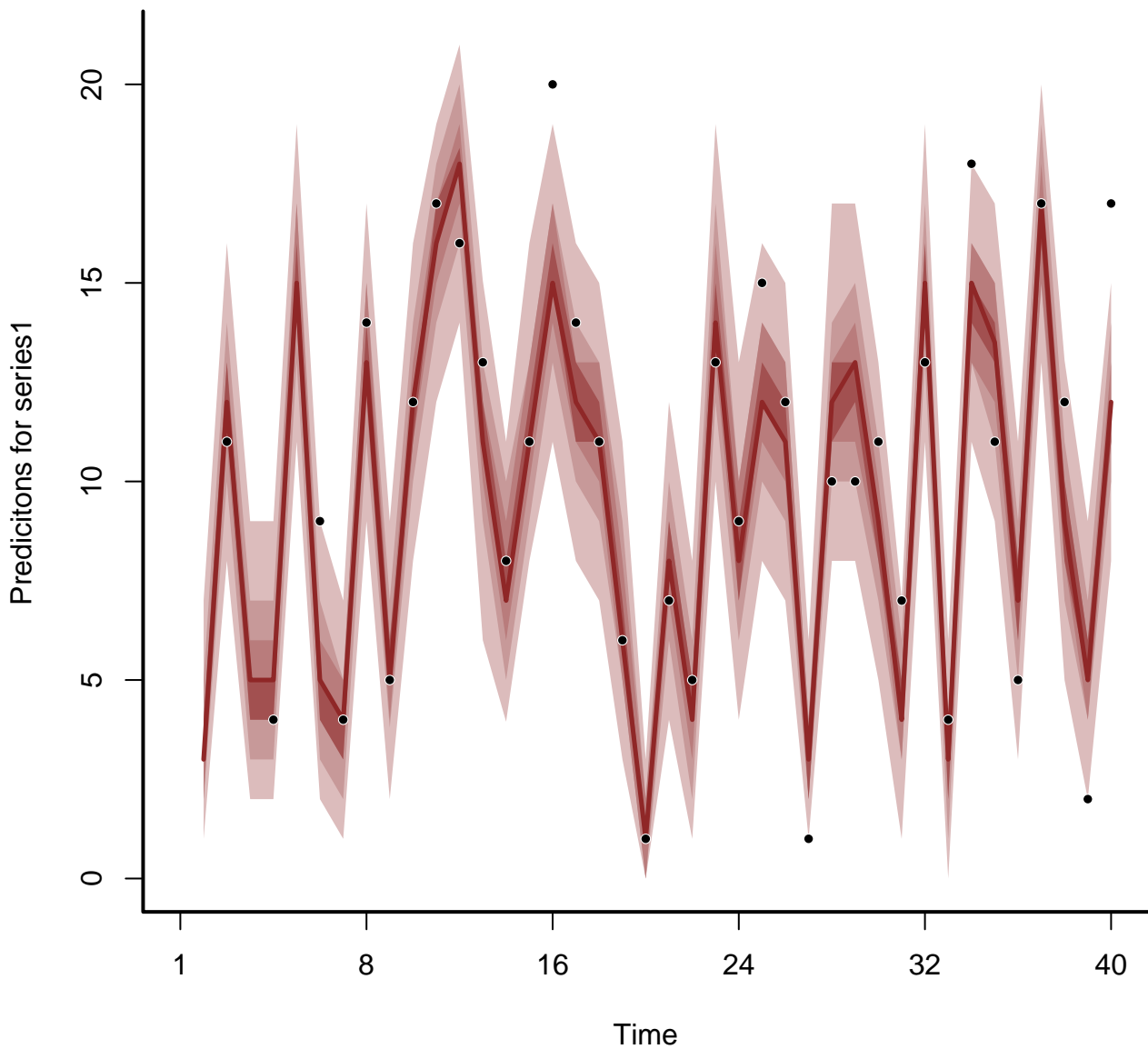


ACF

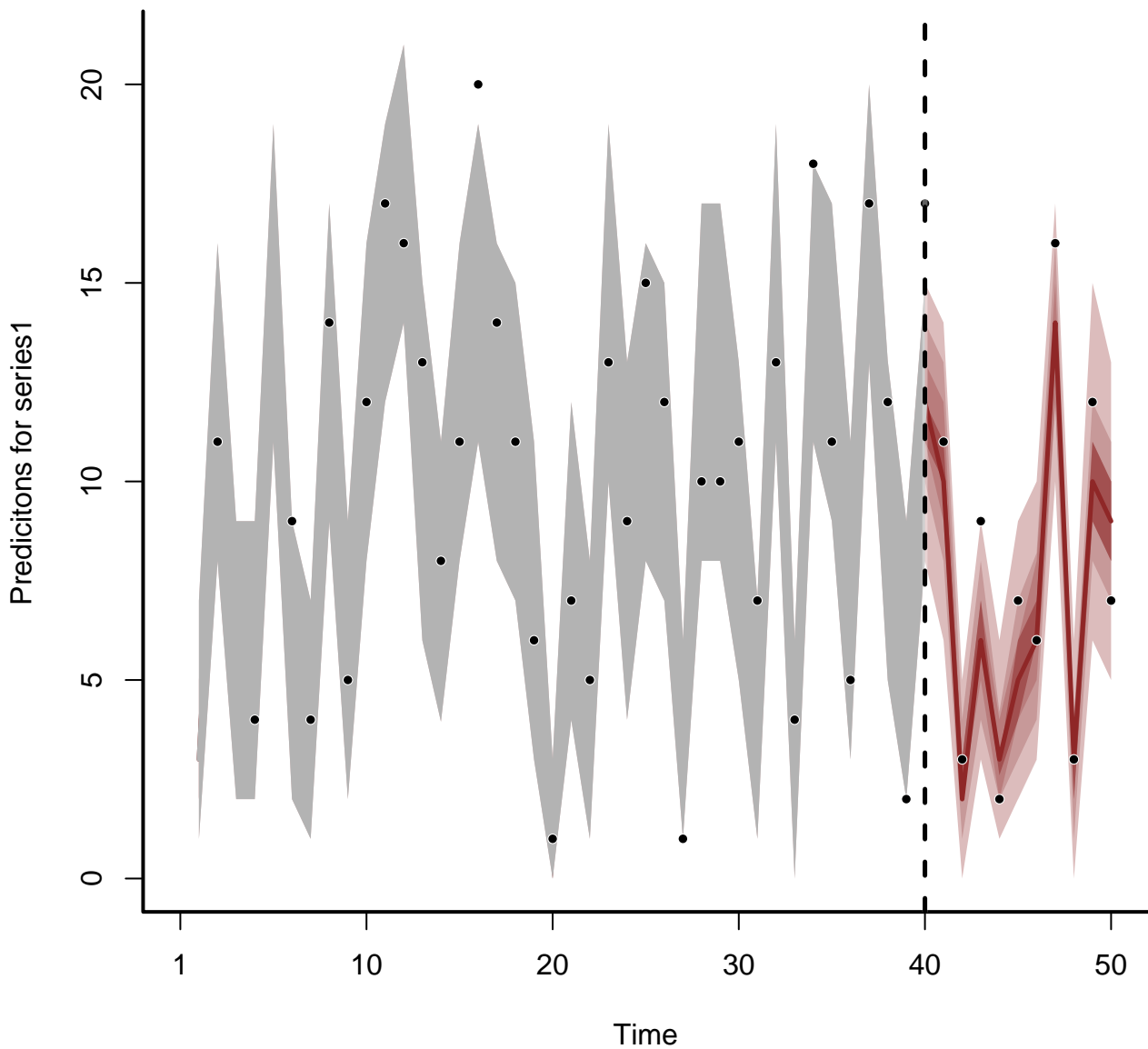


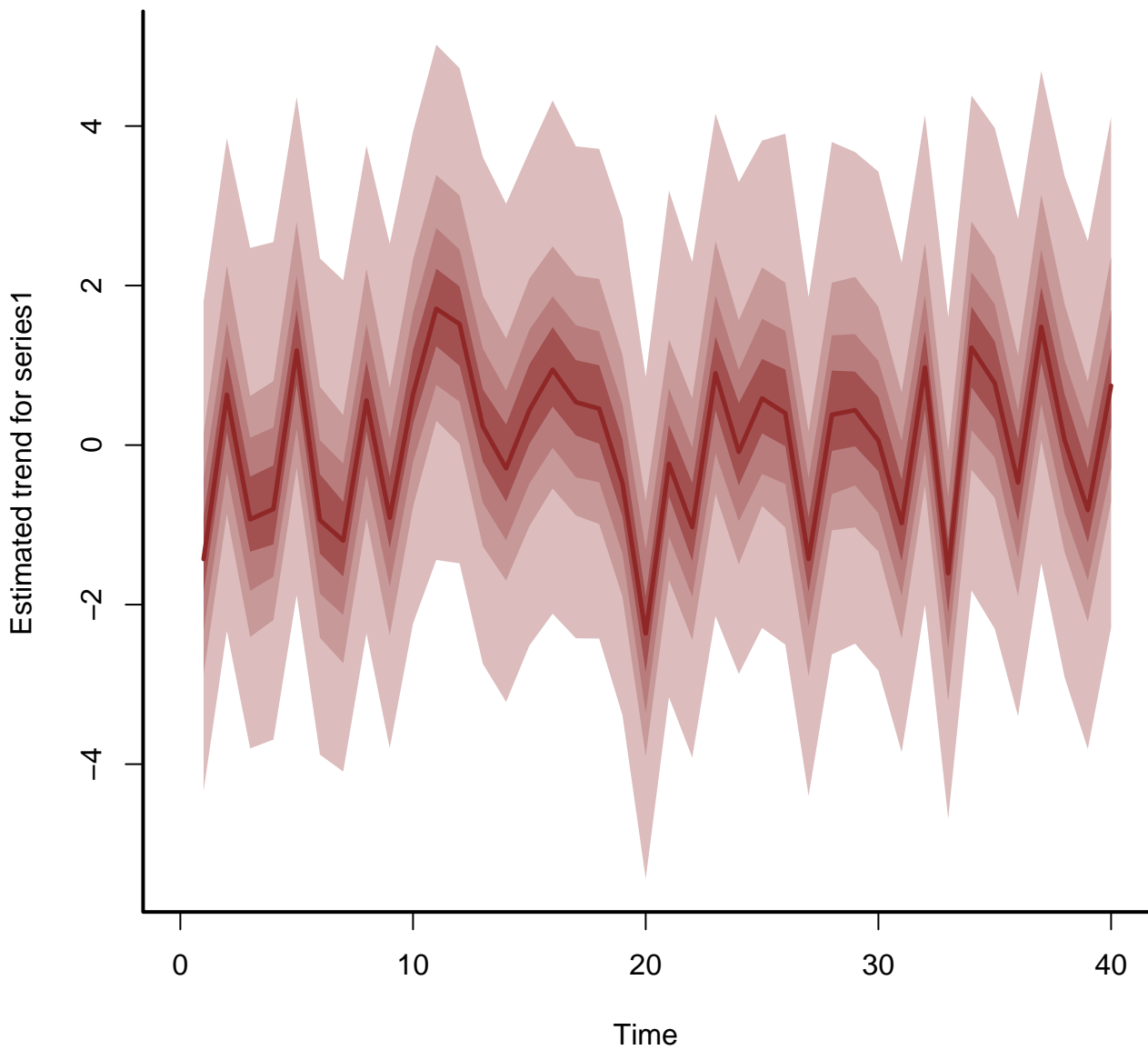
pACF

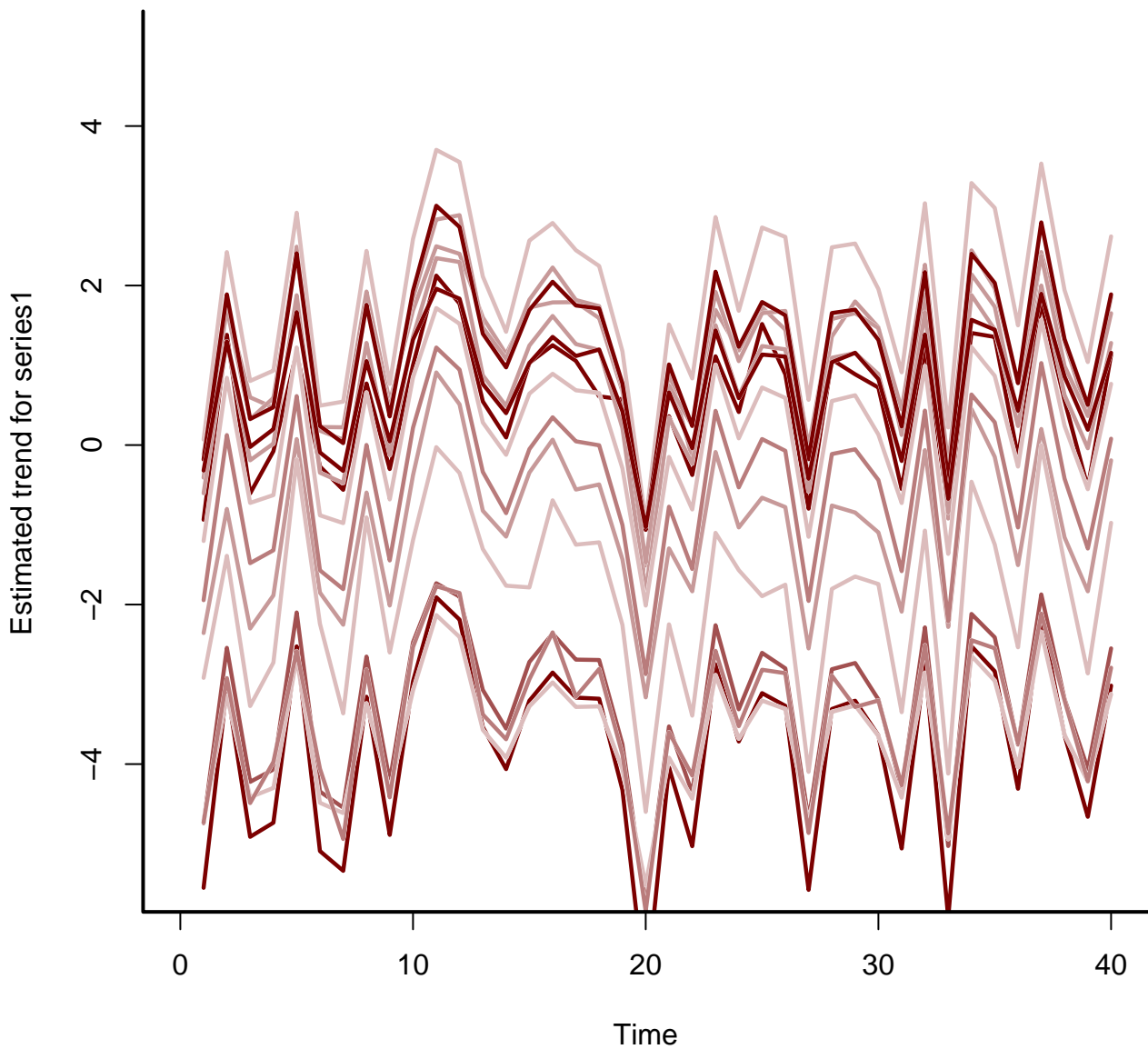


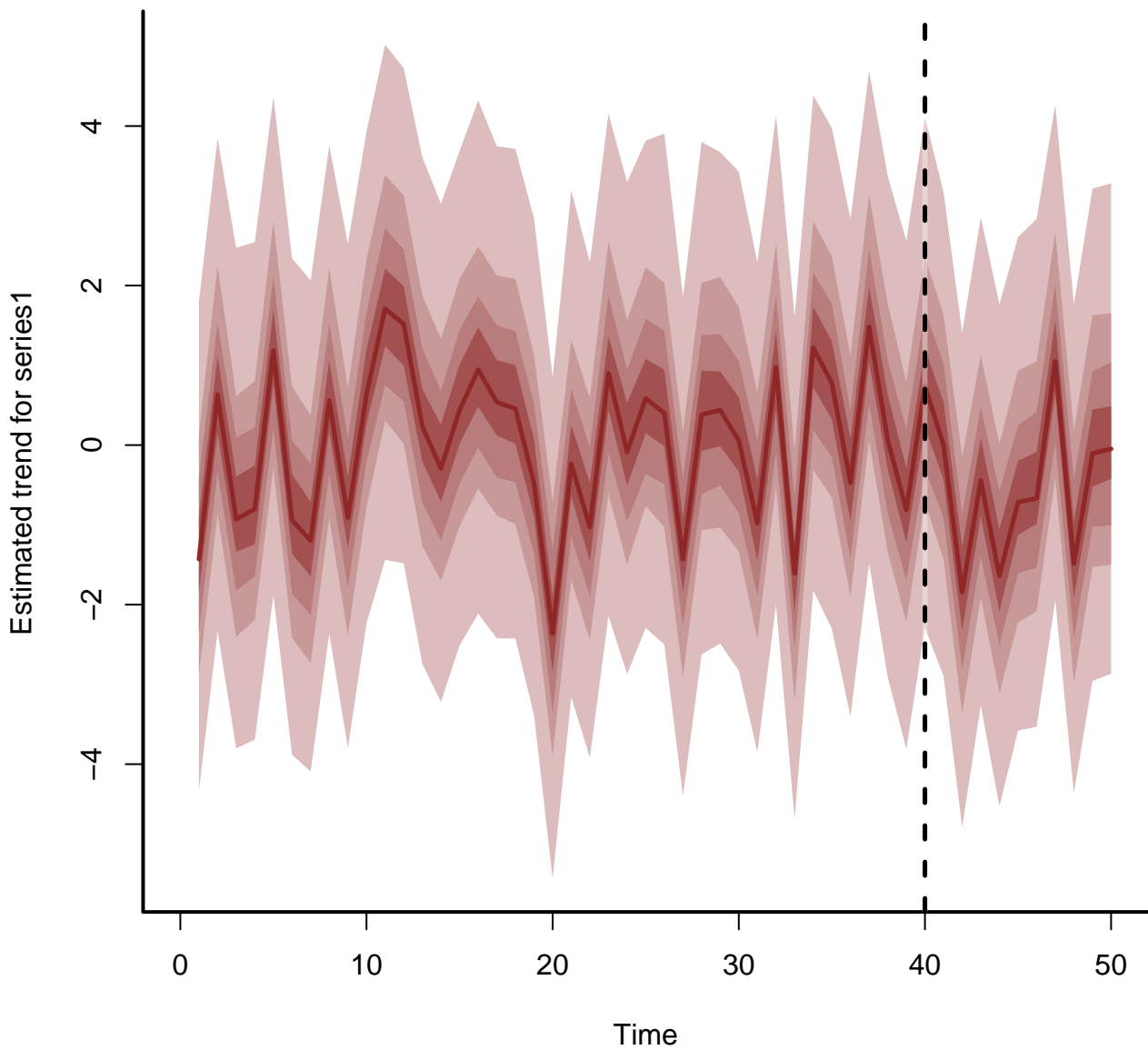




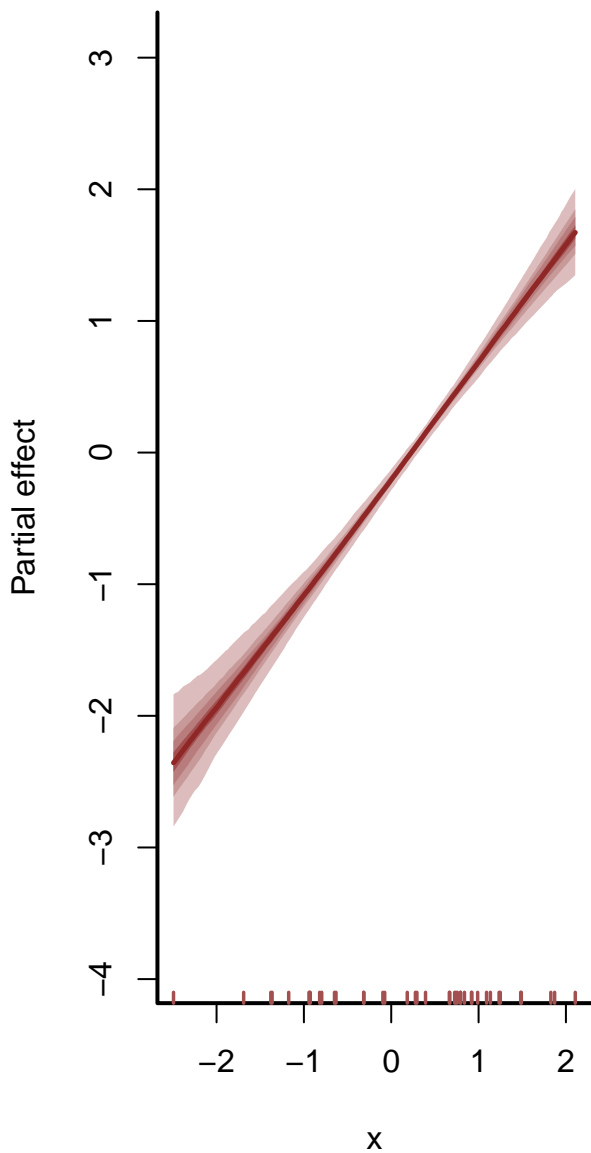




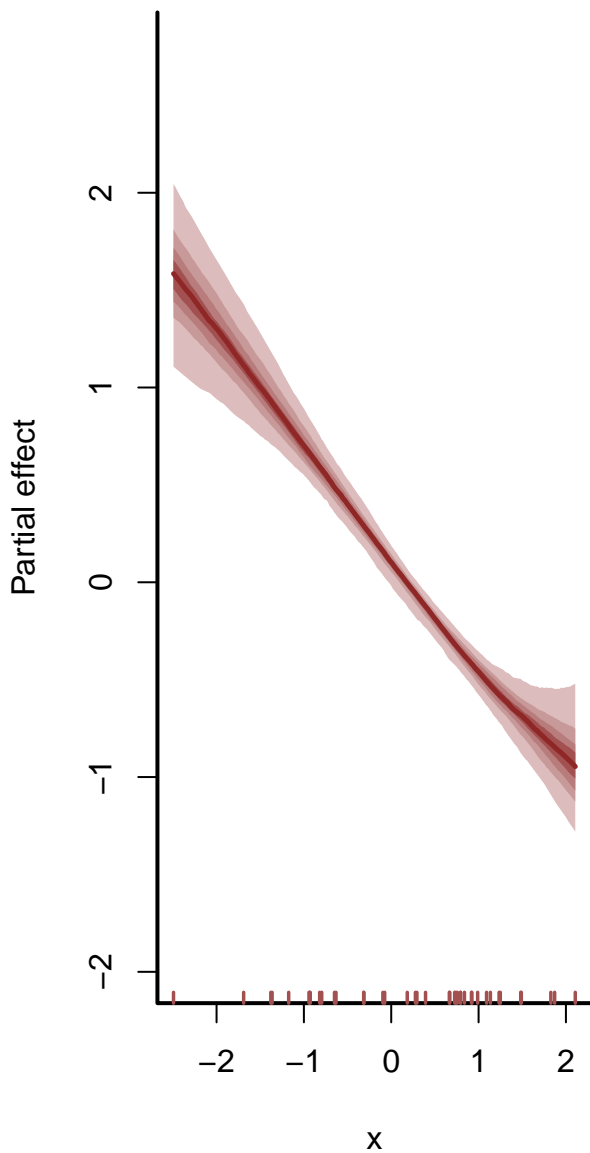




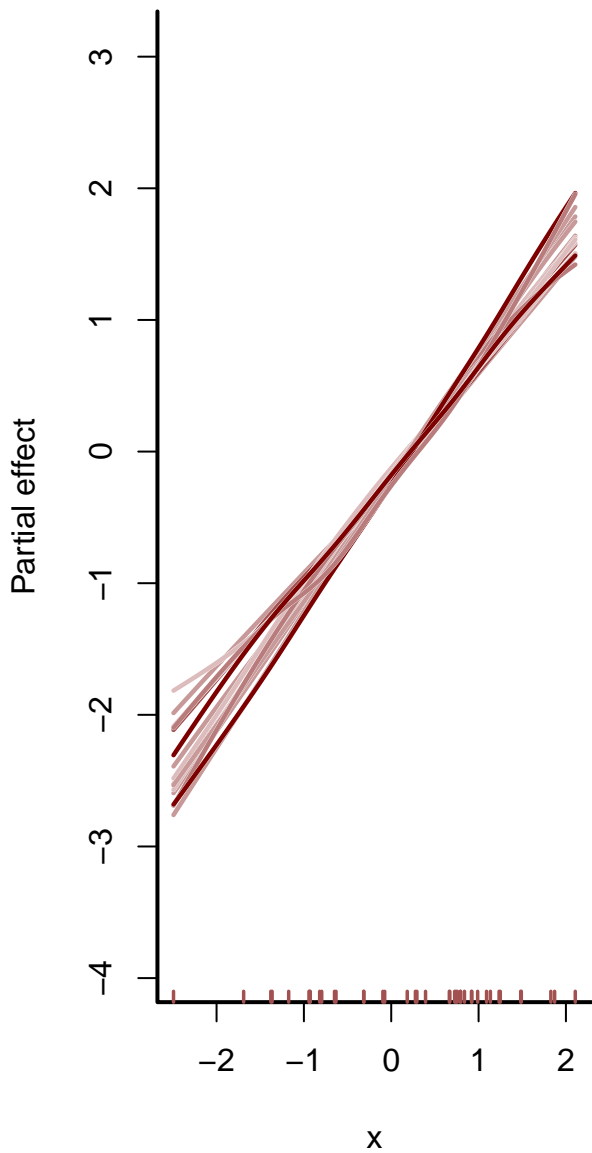
**s(x):trendtrend1**



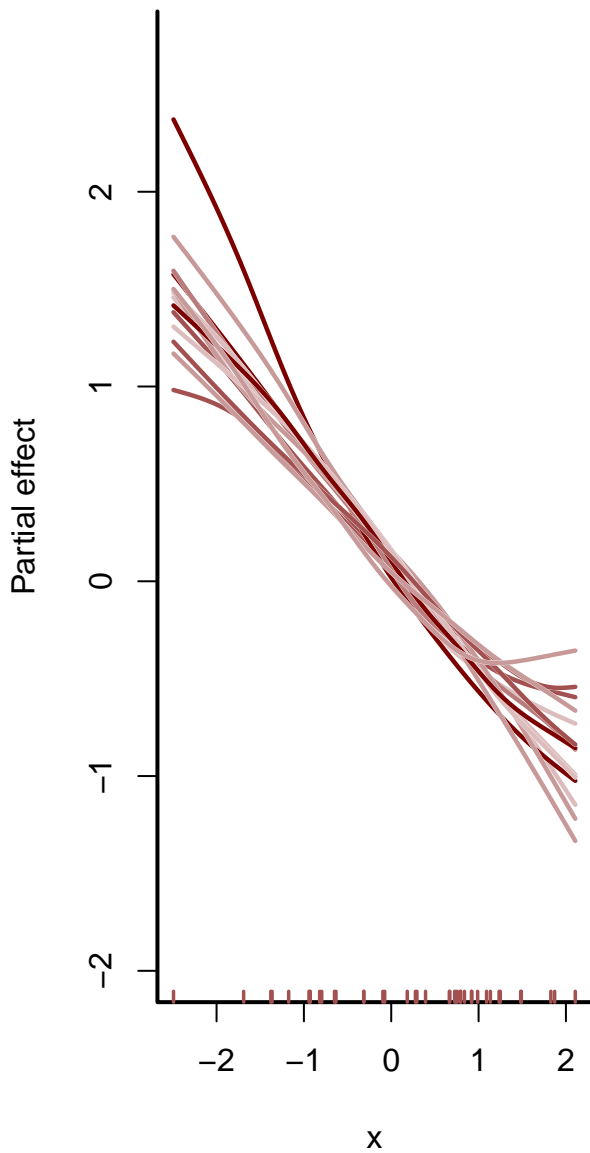
**s(x):trendtrend2**



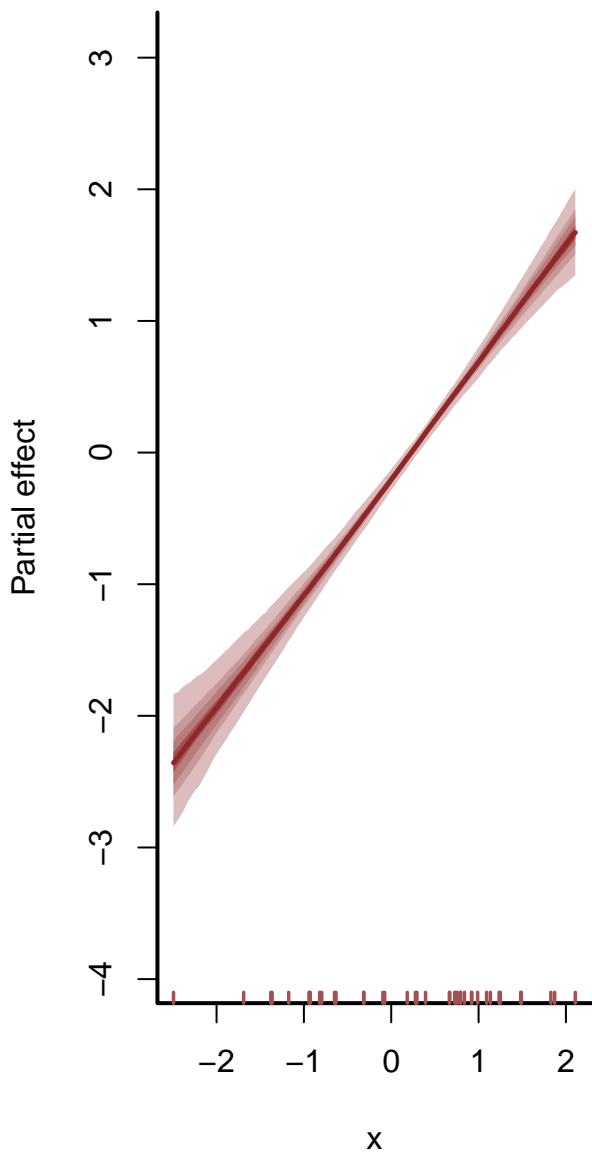
**s(x):trendtrend1**



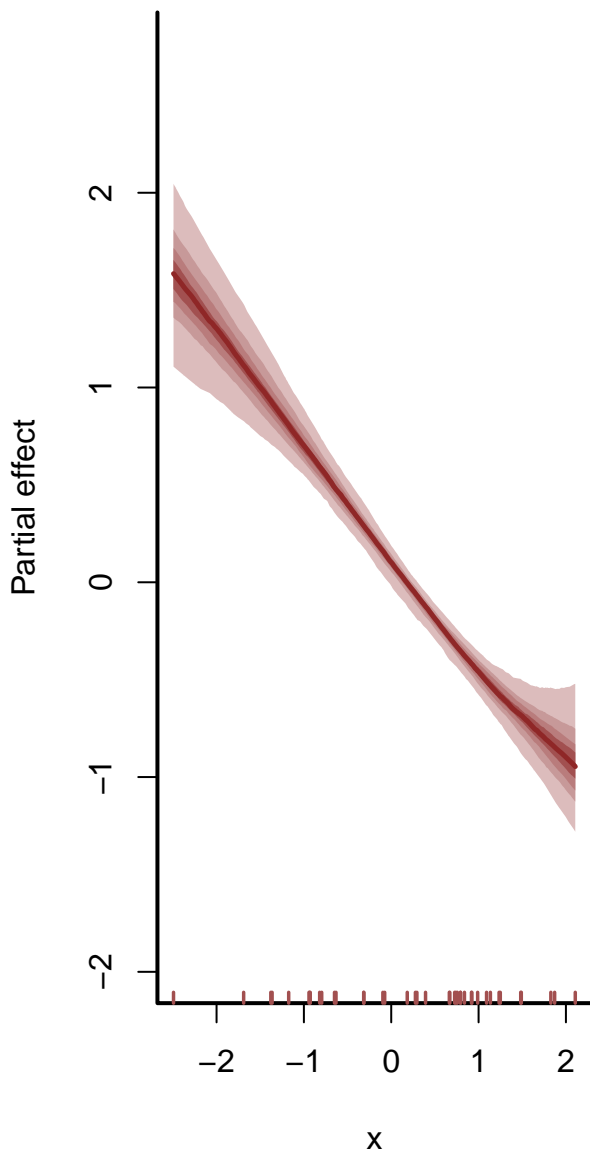
**s(x):trendtrend2**



**s(x):trendtrend1**



**s(x):trendtrend2**



series

Partial effect

0.4

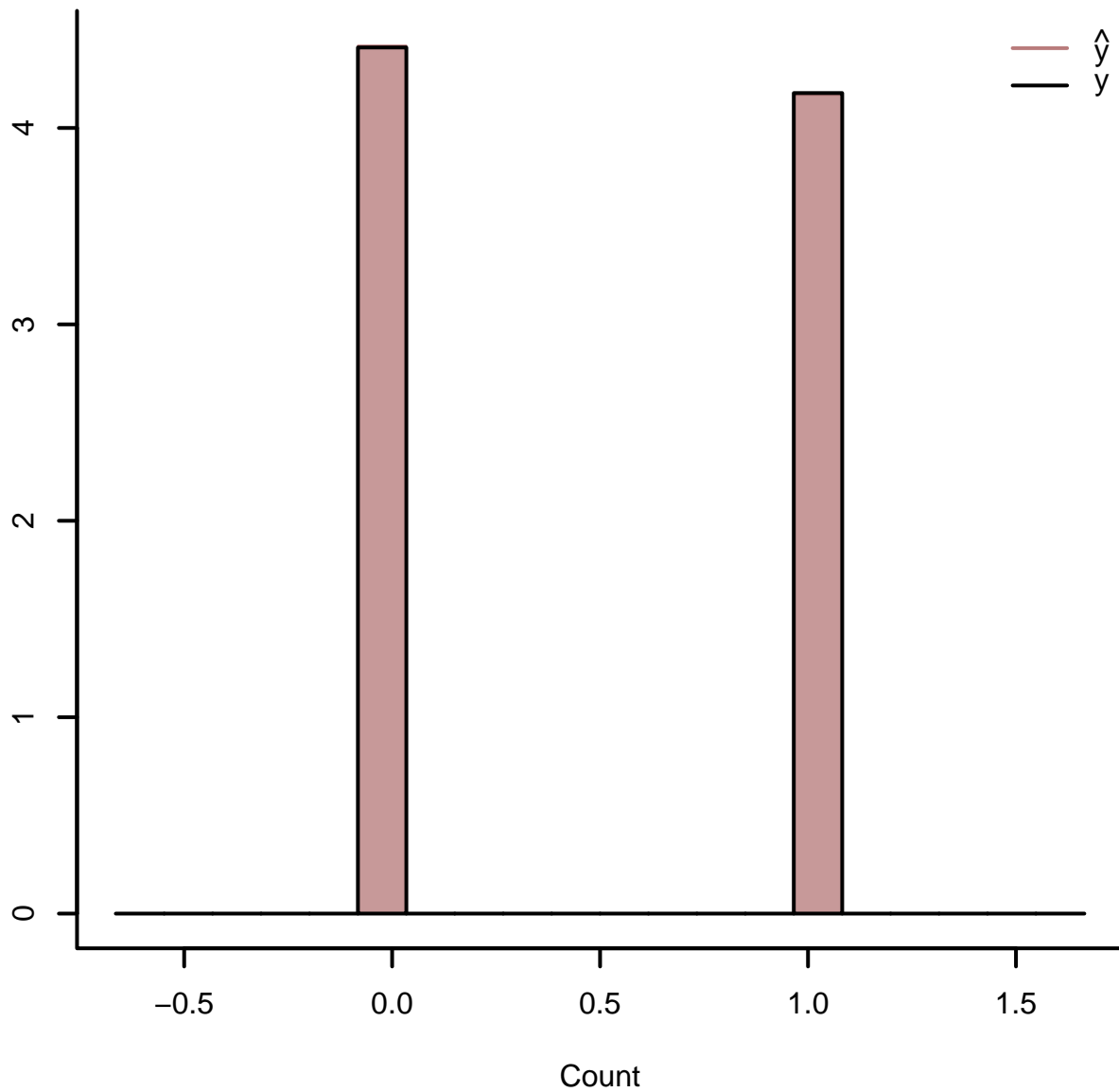
0.2

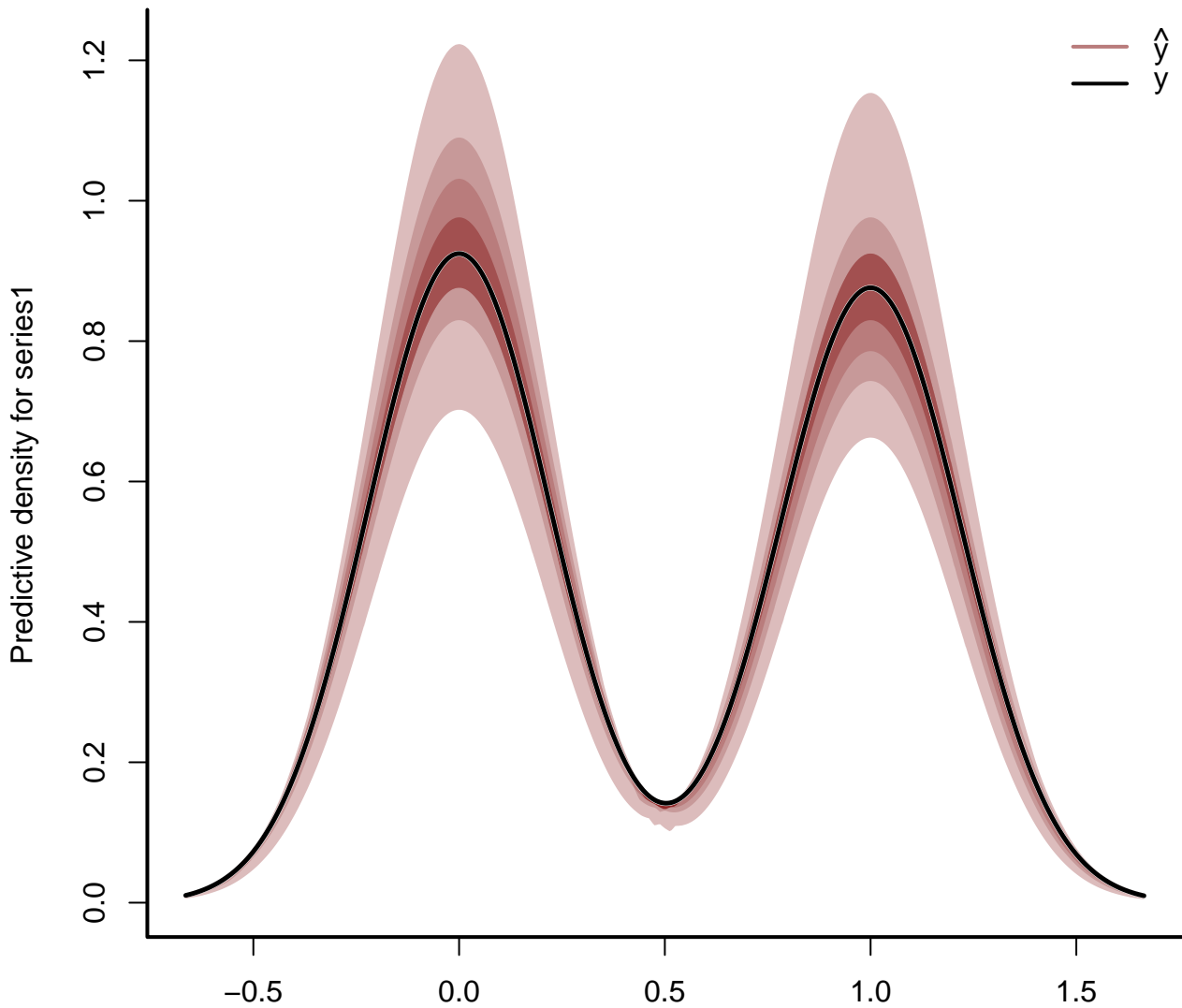
0.0

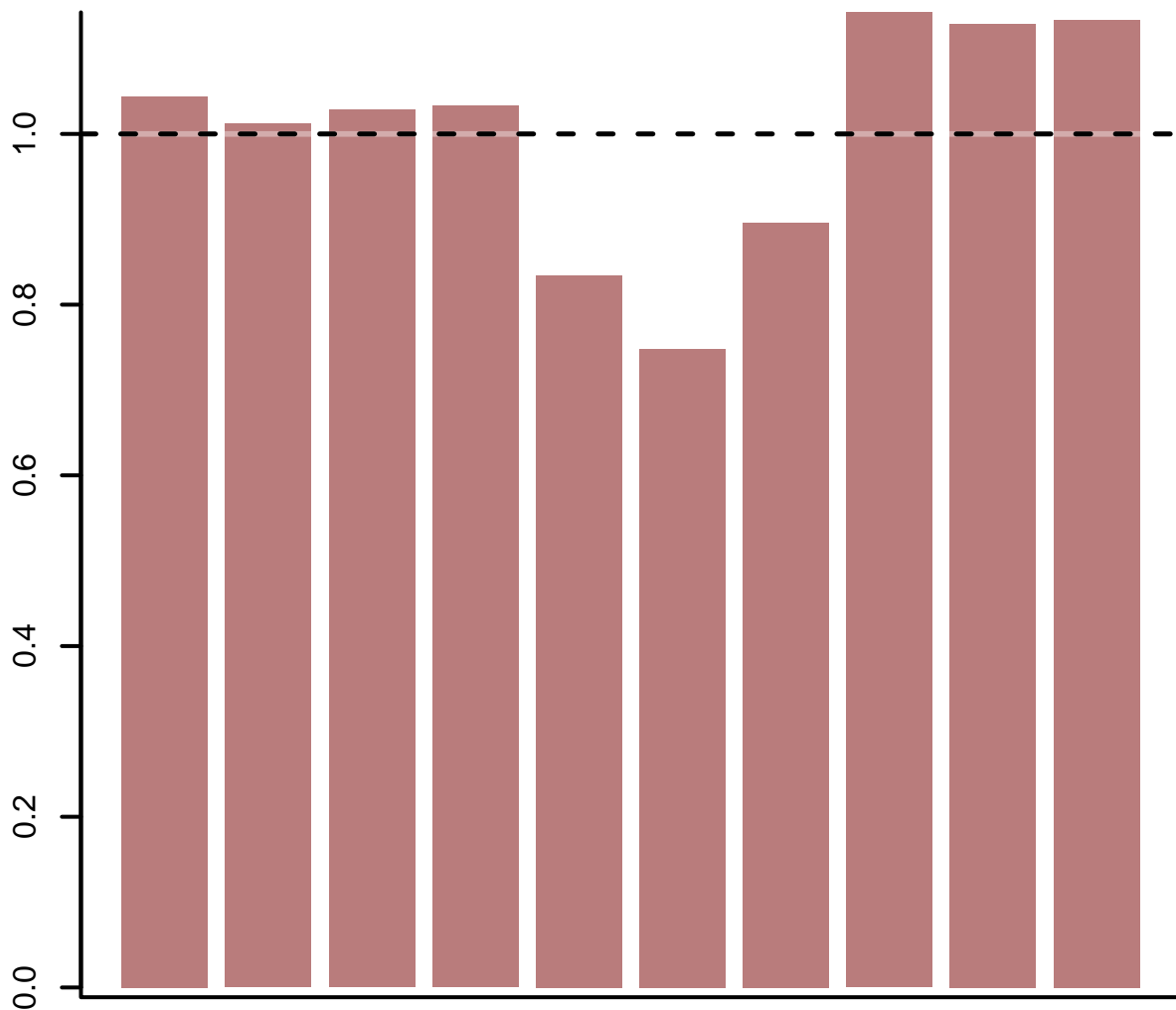
-0.2





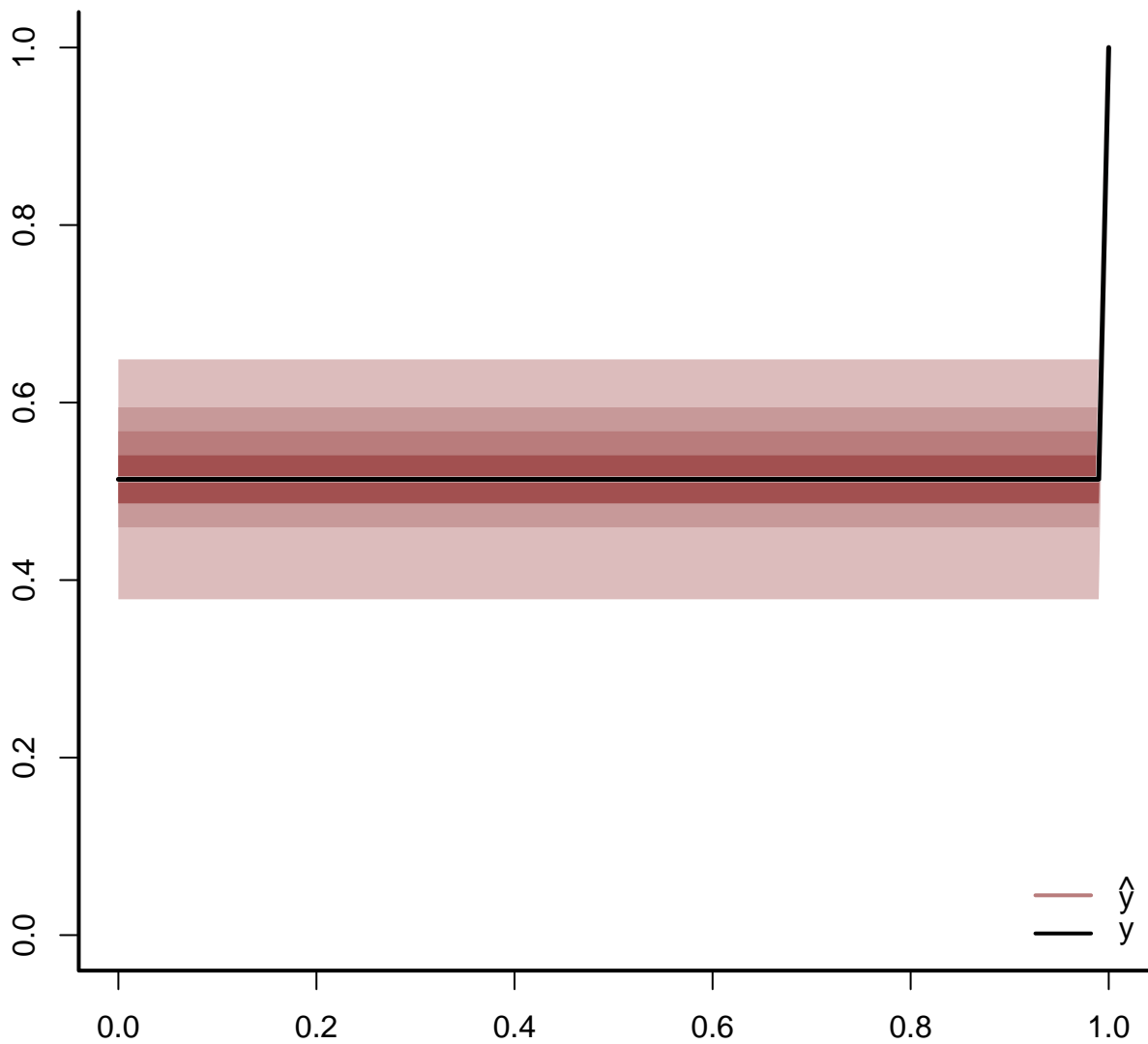




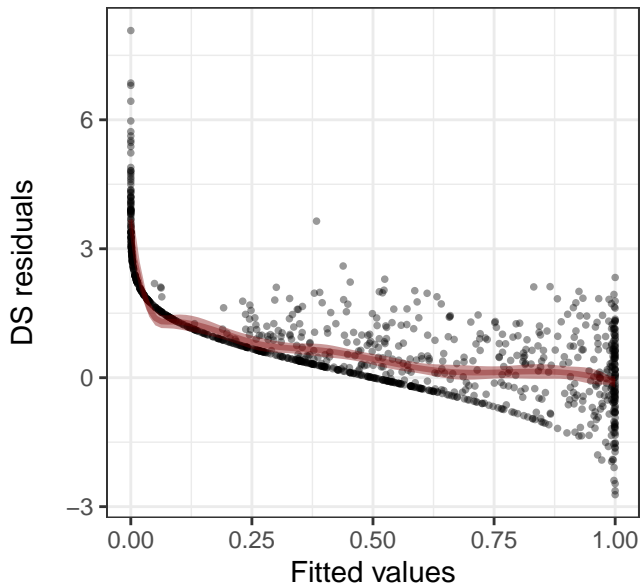


Predictive PIT for series1

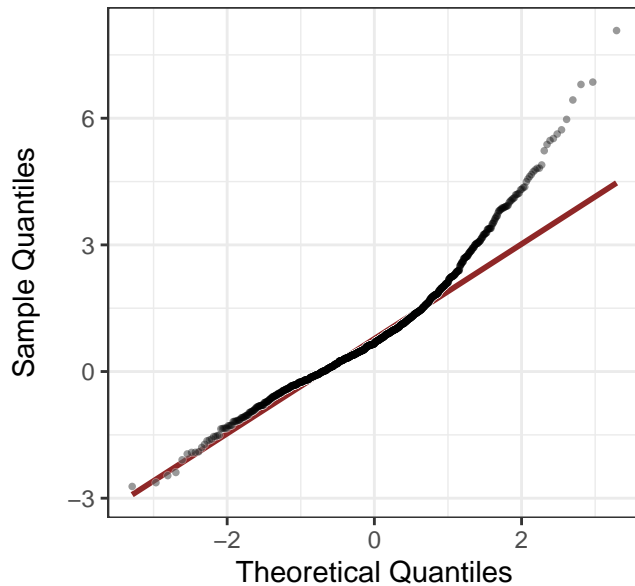
Predictive CDF for series1



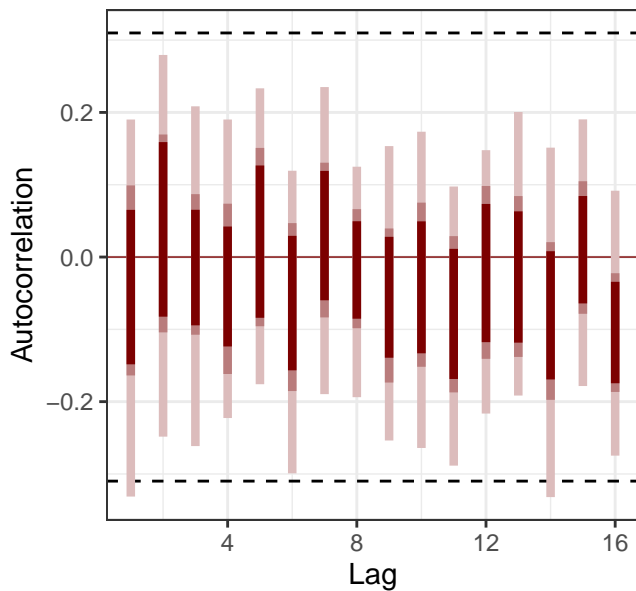
Resids vs Fitted



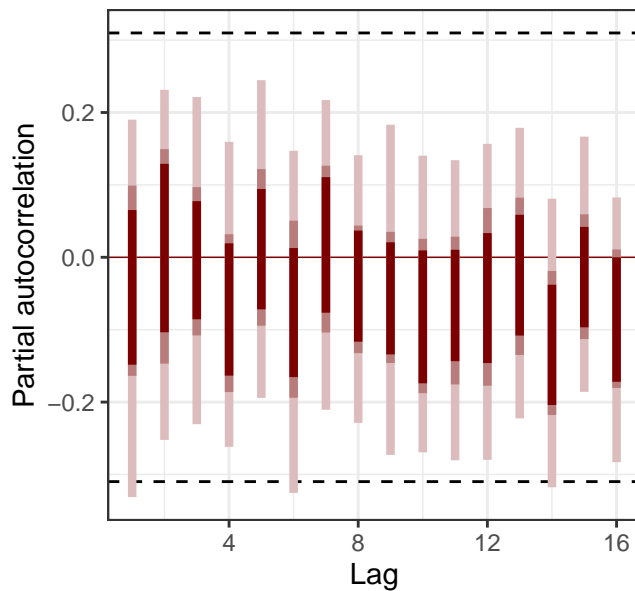
Normal Q-Q Plot

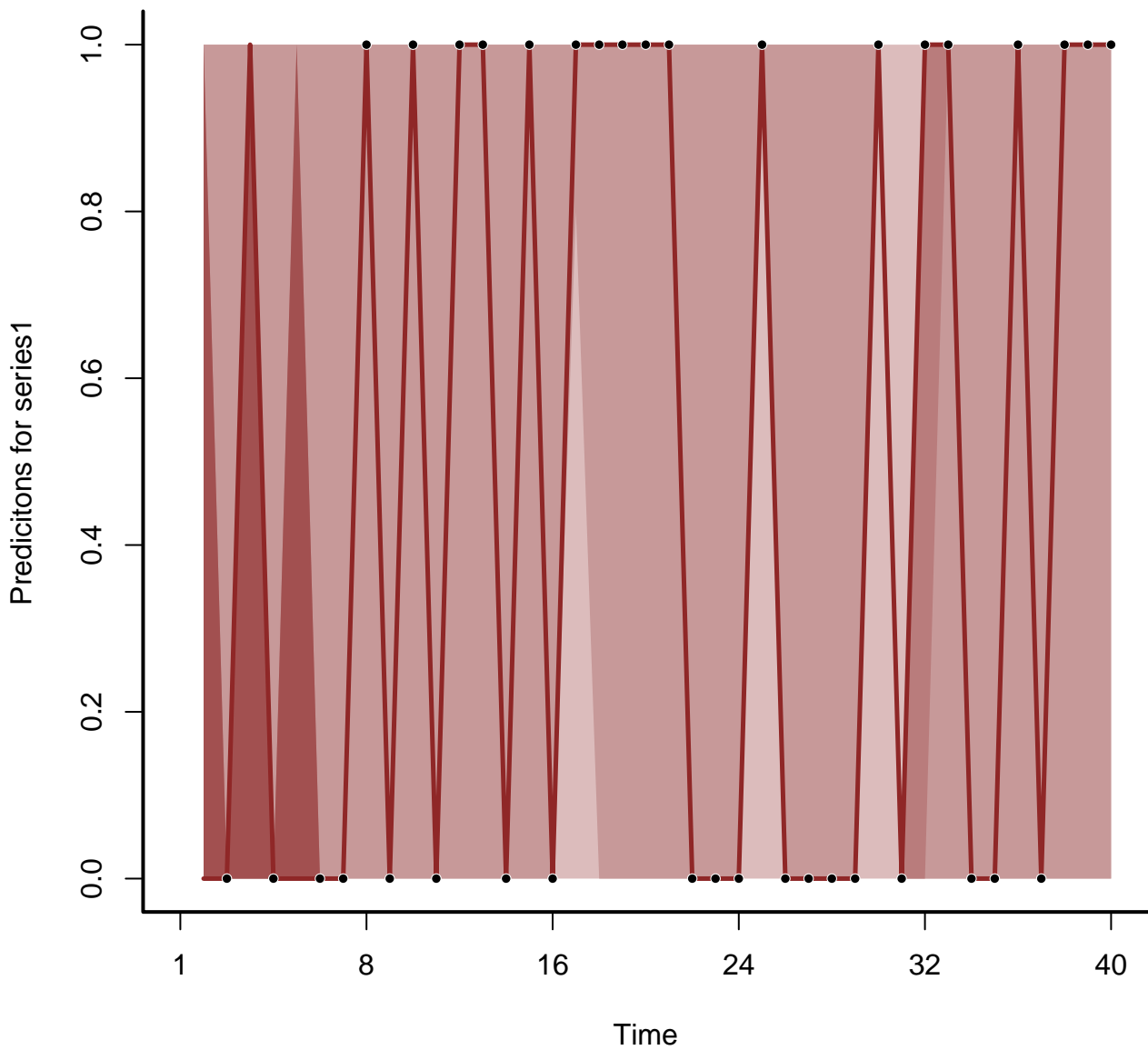


ACF

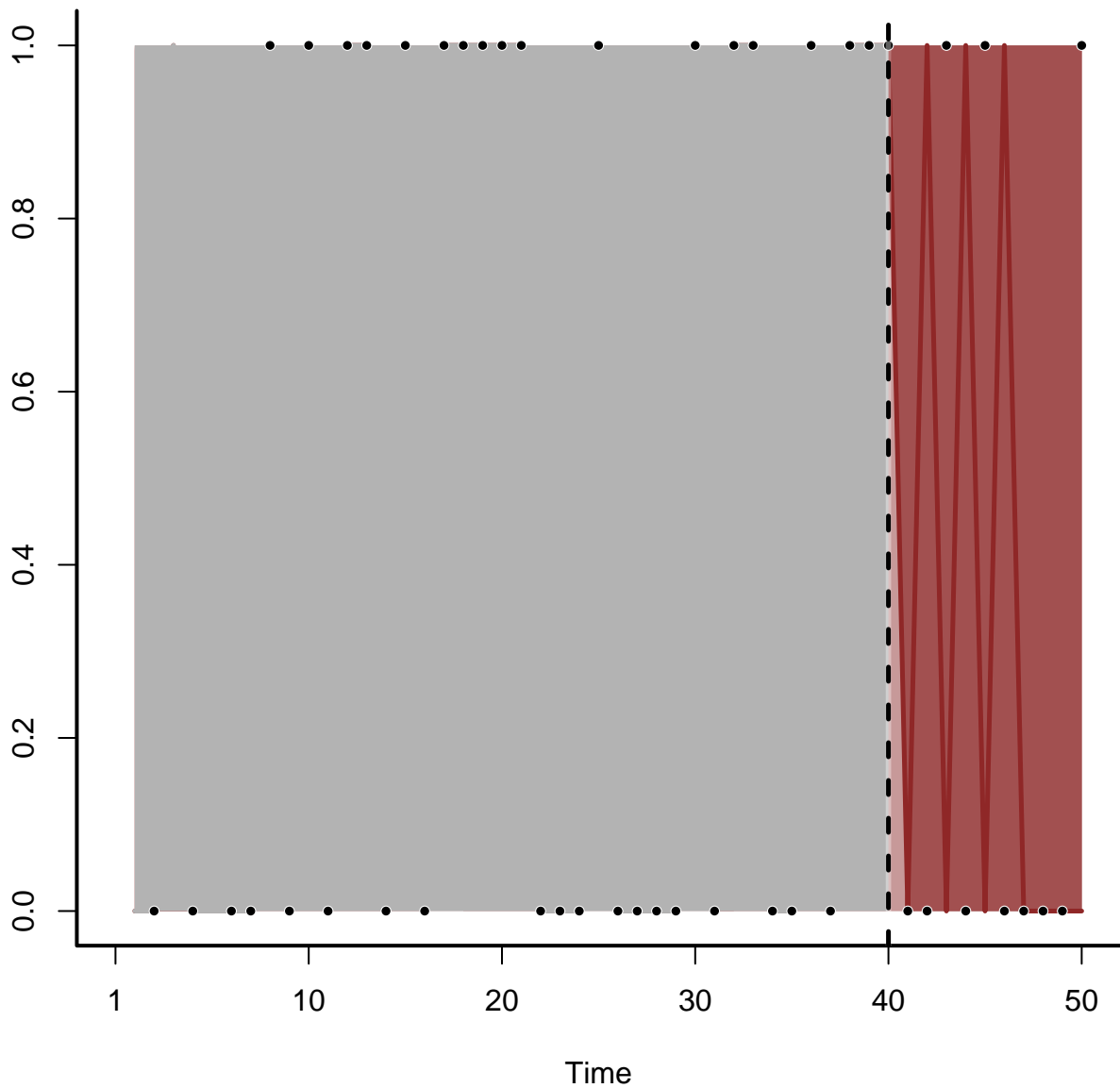


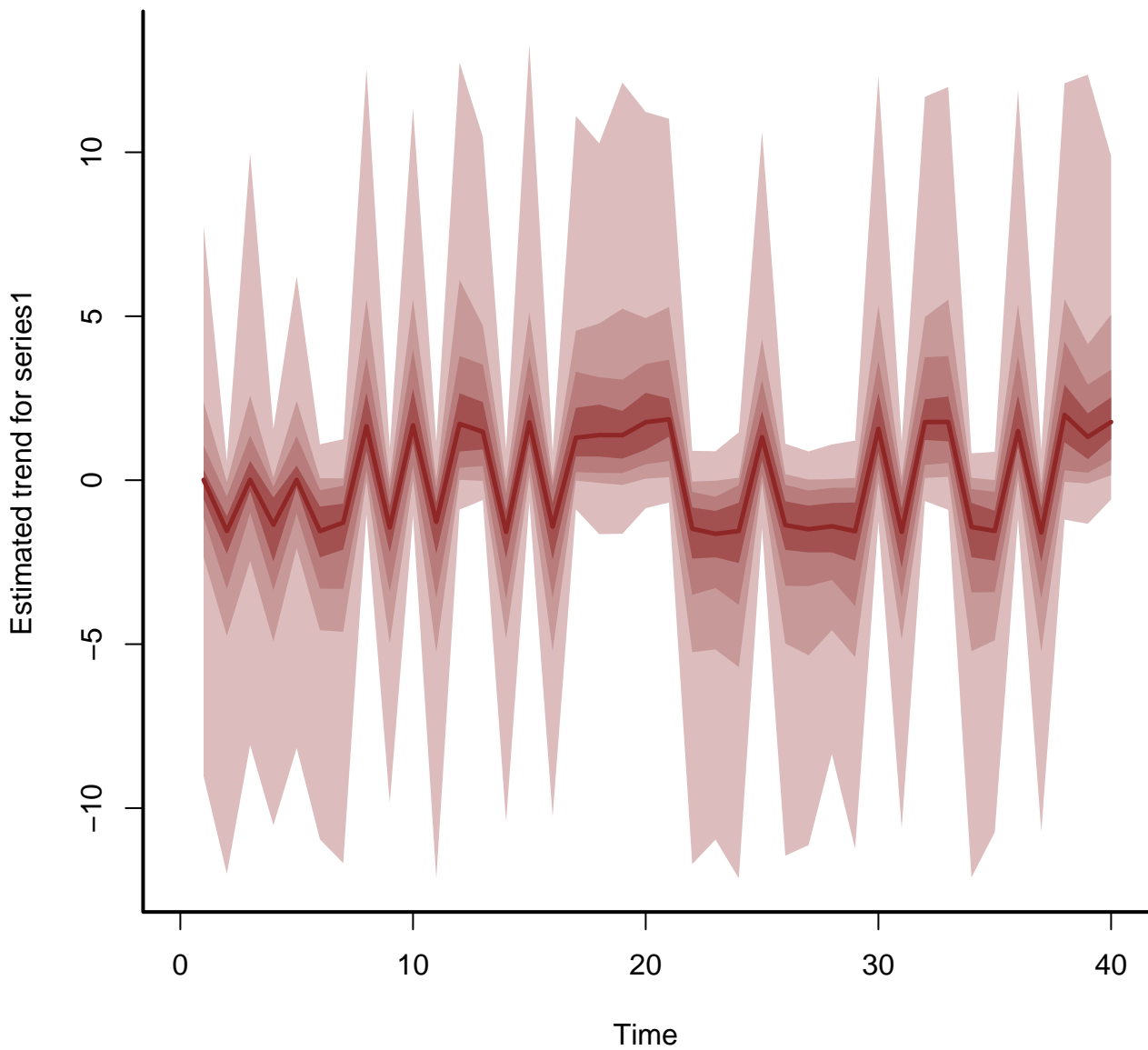
pACF



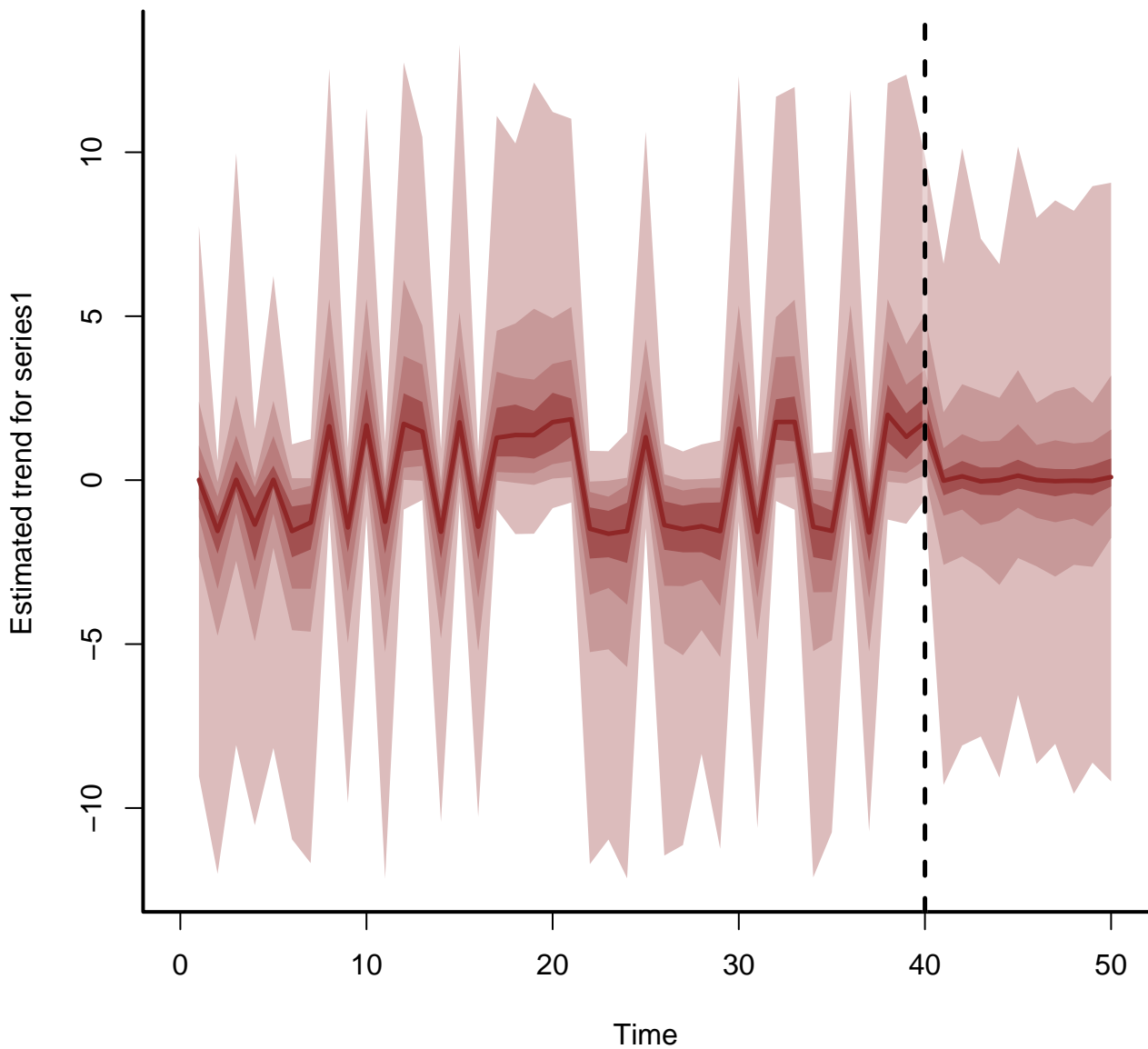


Predictions for series1



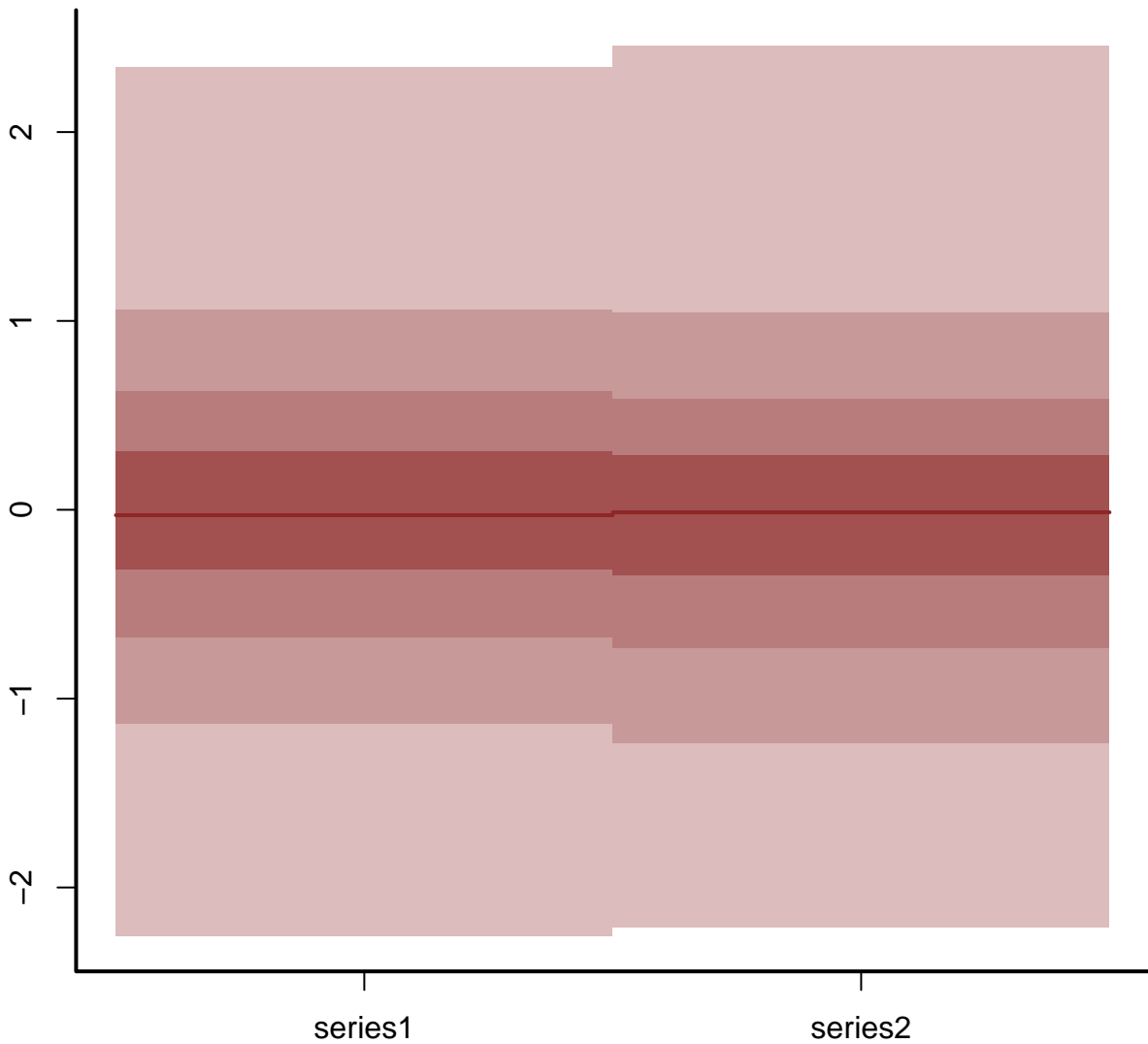




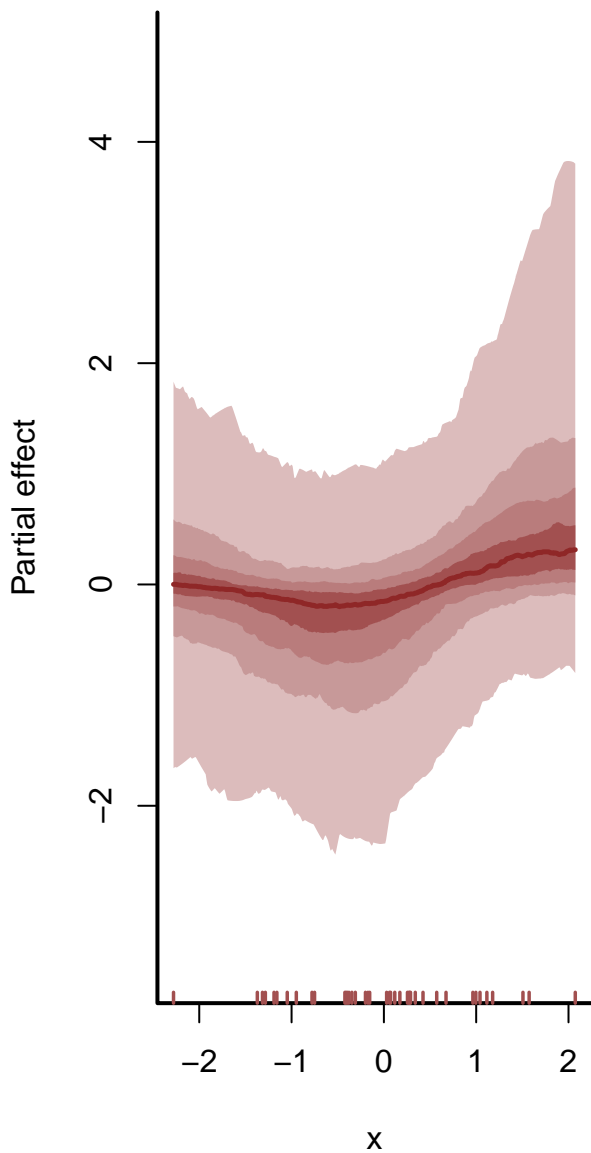


**s(series)**

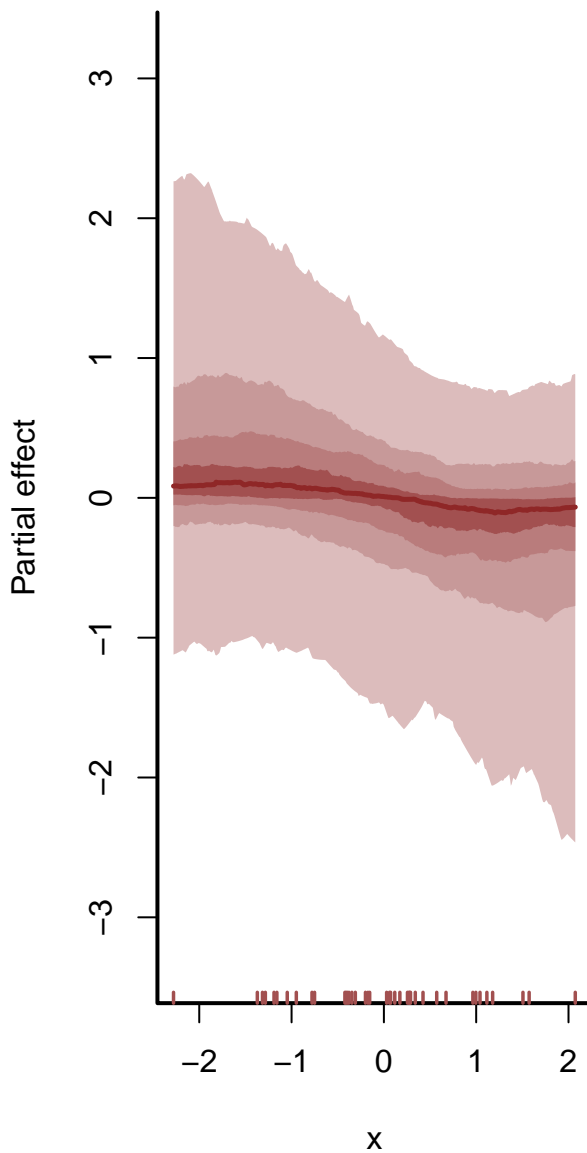
Partial effect



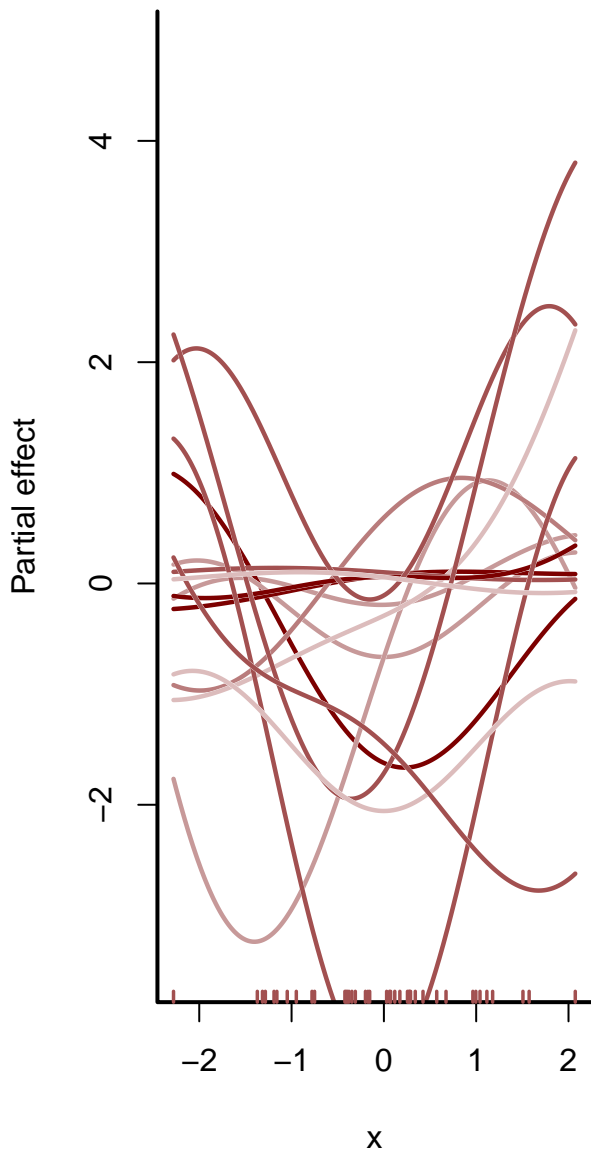
**gp(x):series1**



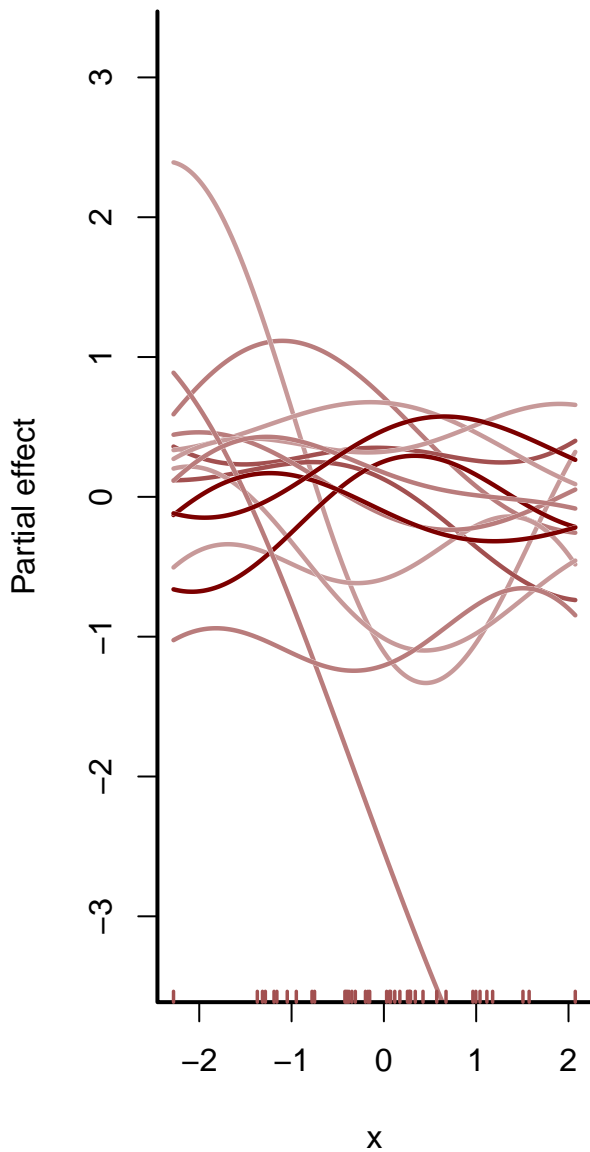
**gp(x):series2**



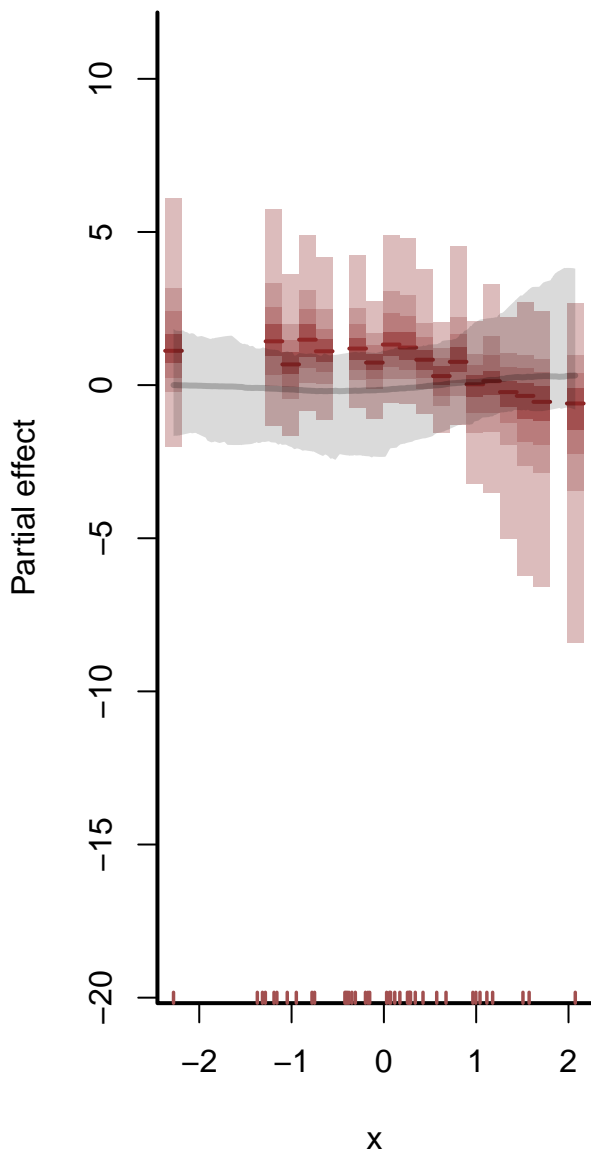
gp(x):series1



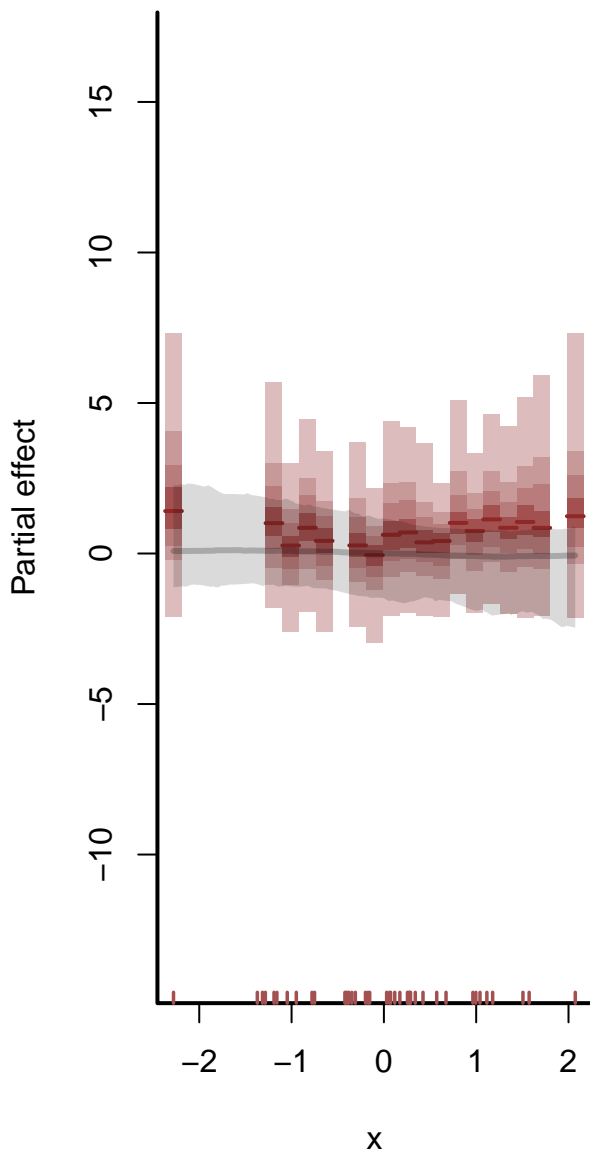
gp(x):series2

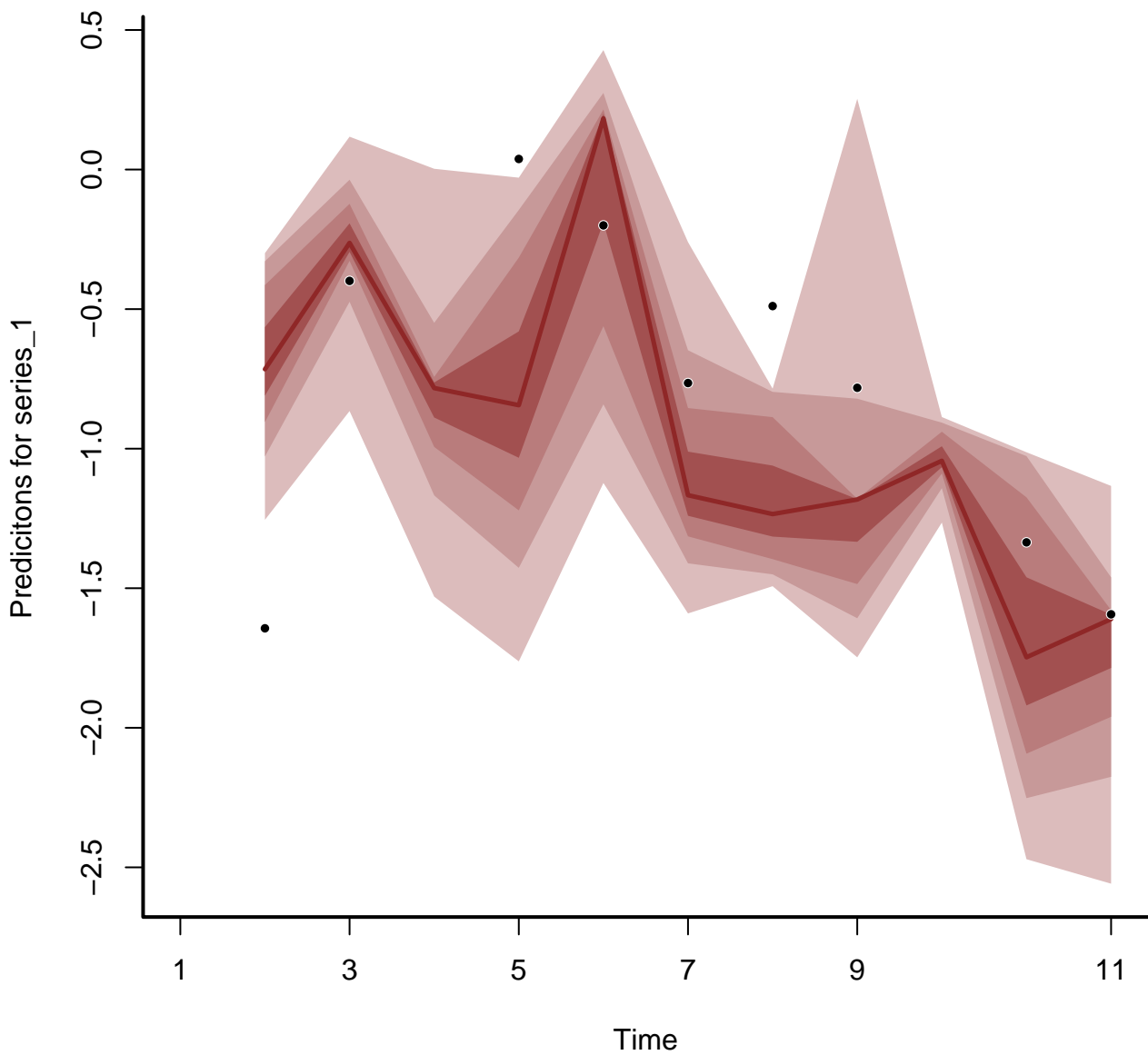


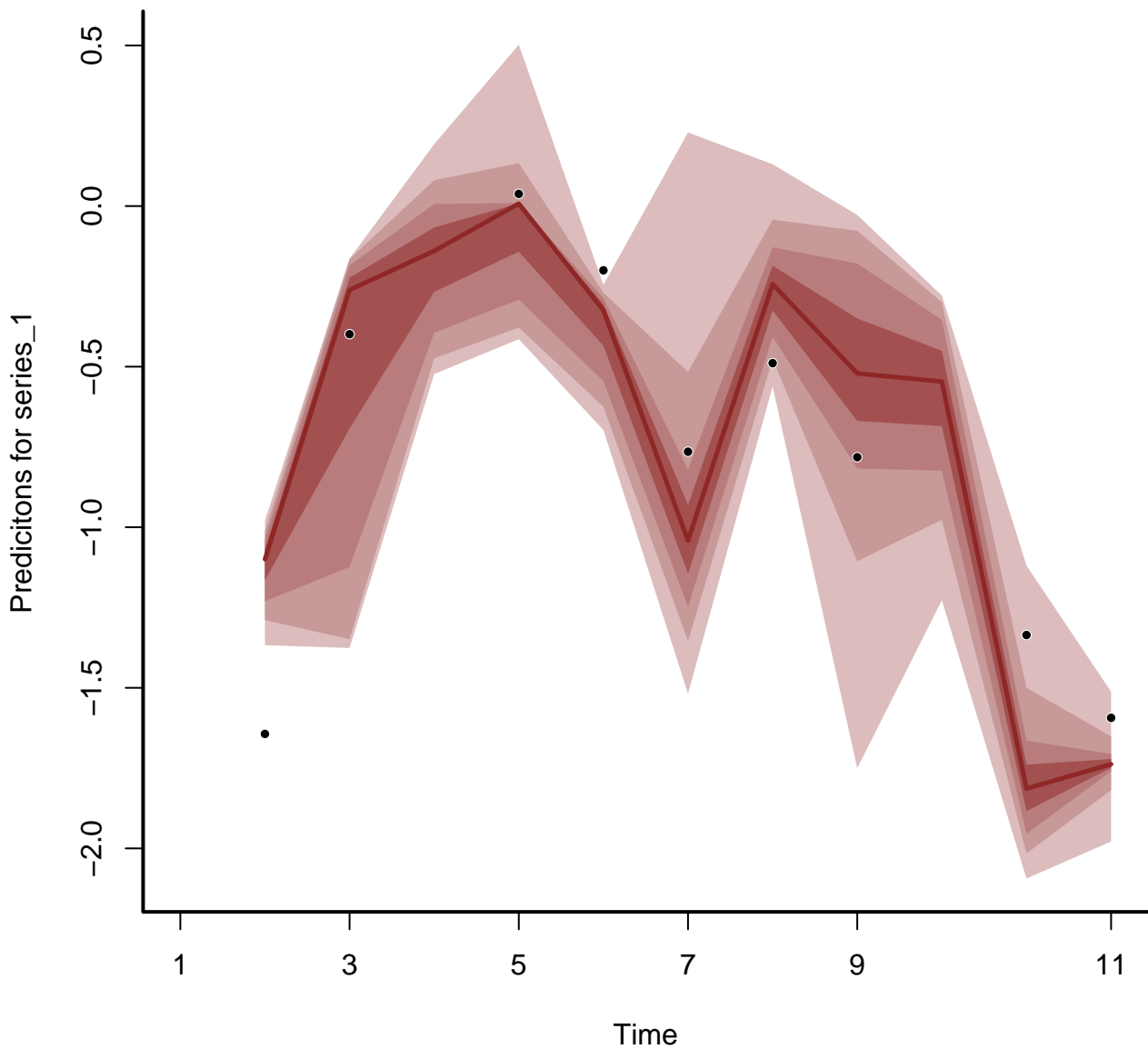
gp(x):series1

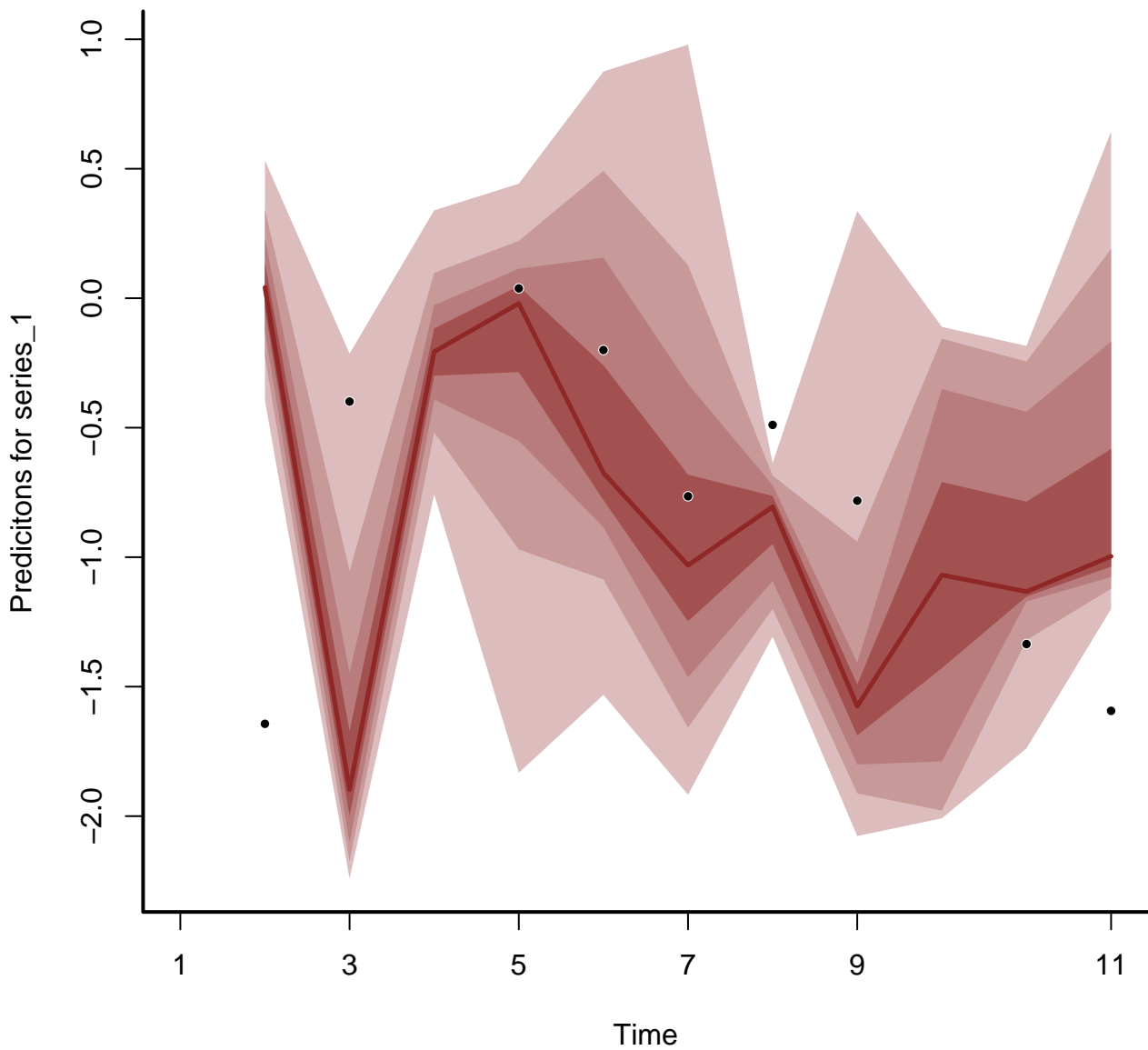


gp(x):series2



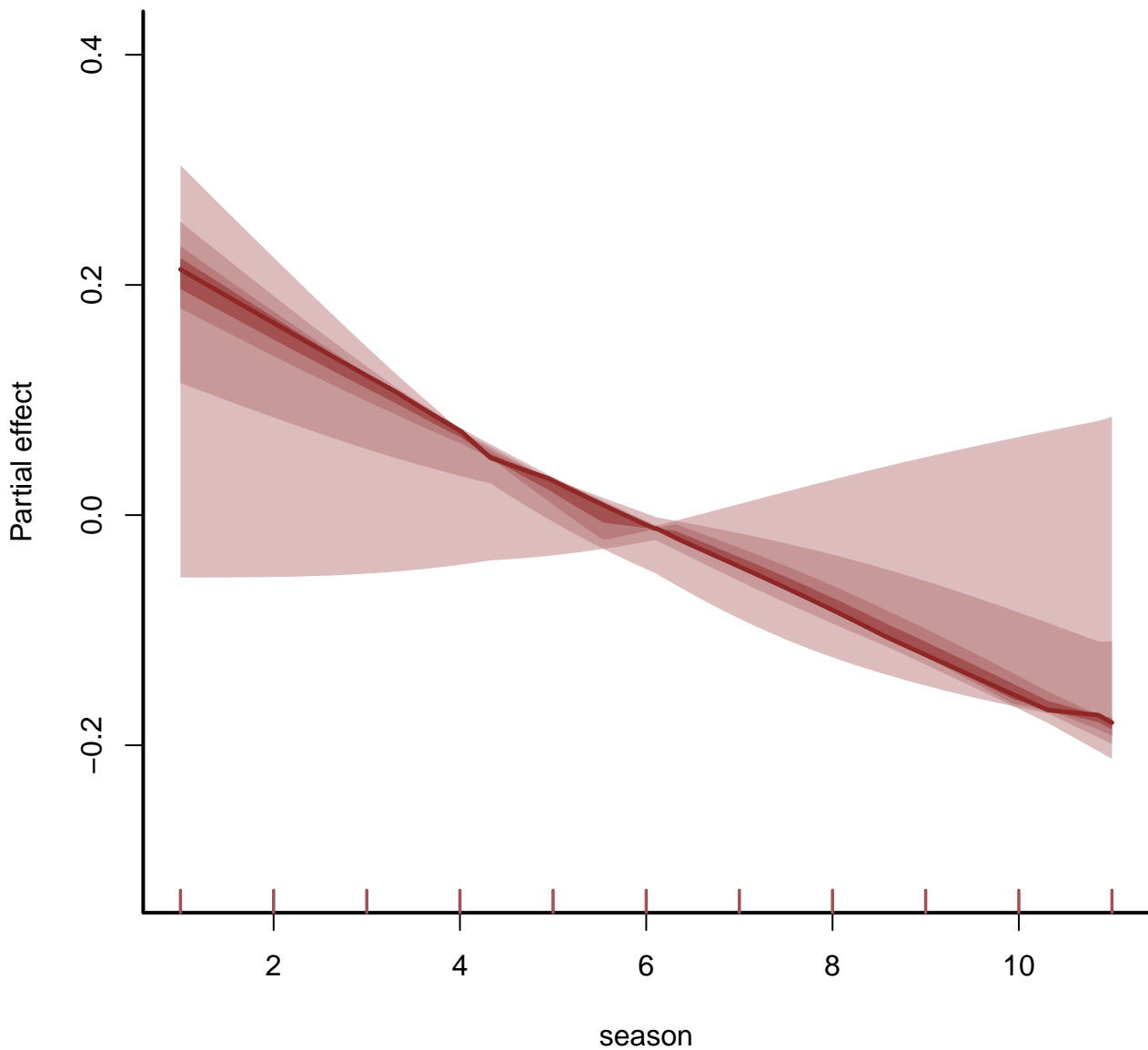








**s(season)**



**s(season)**

Partial effect

0.4  
0.2  
0.0  
-0.2

2

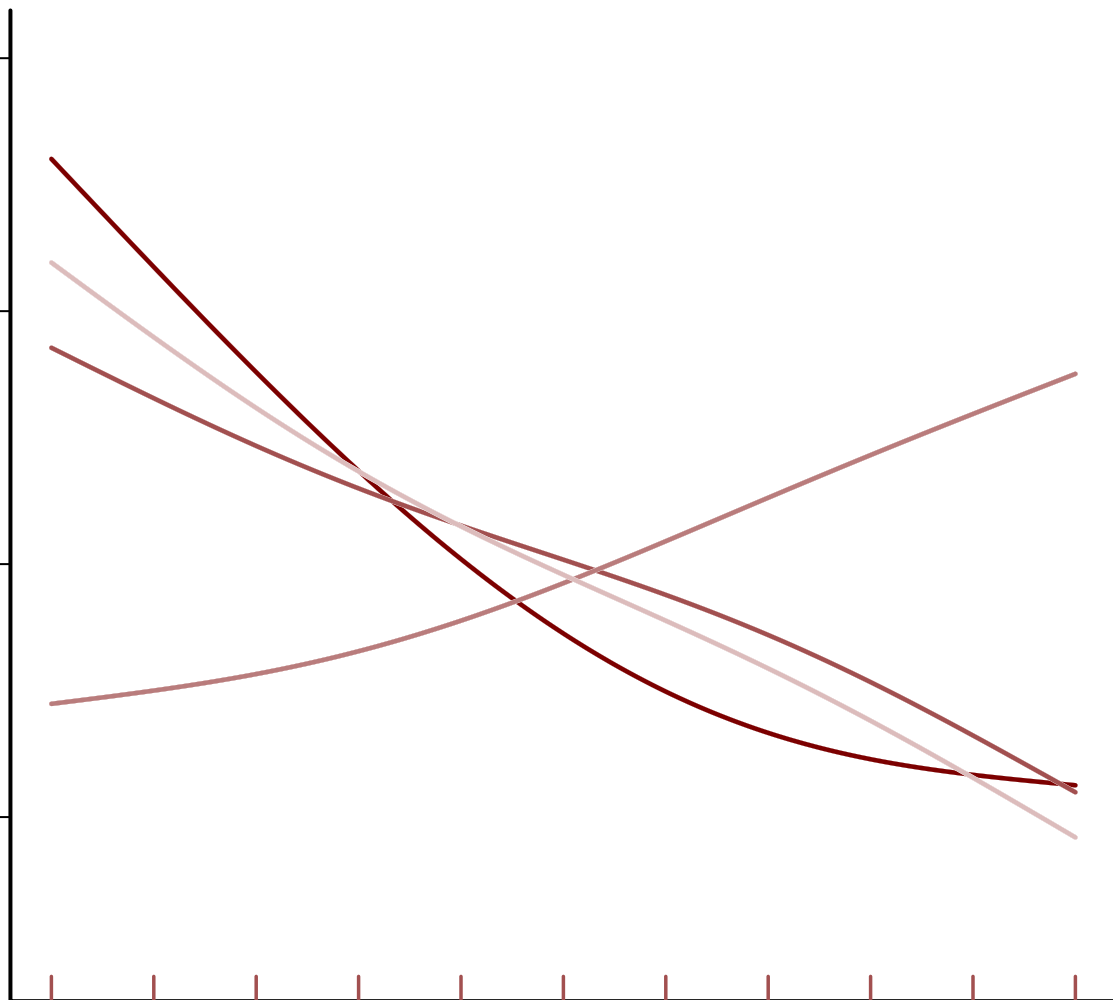
4

6

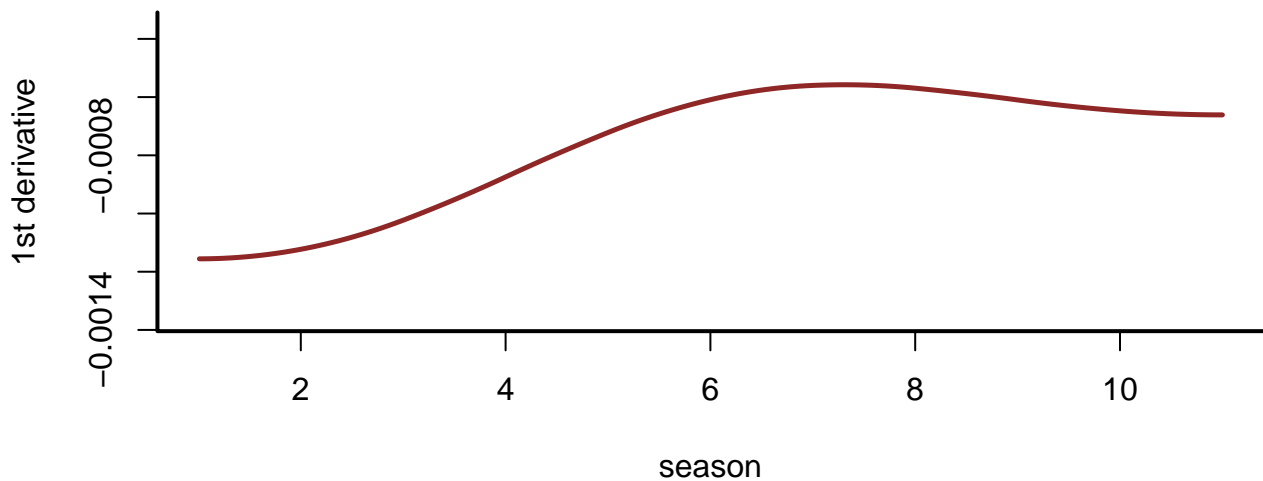
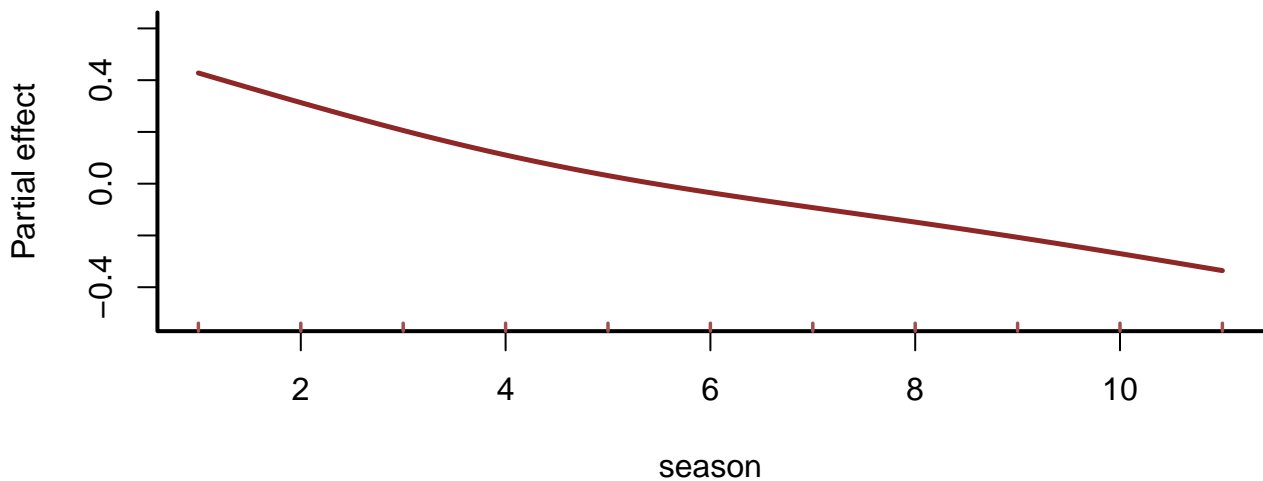
8

10

season

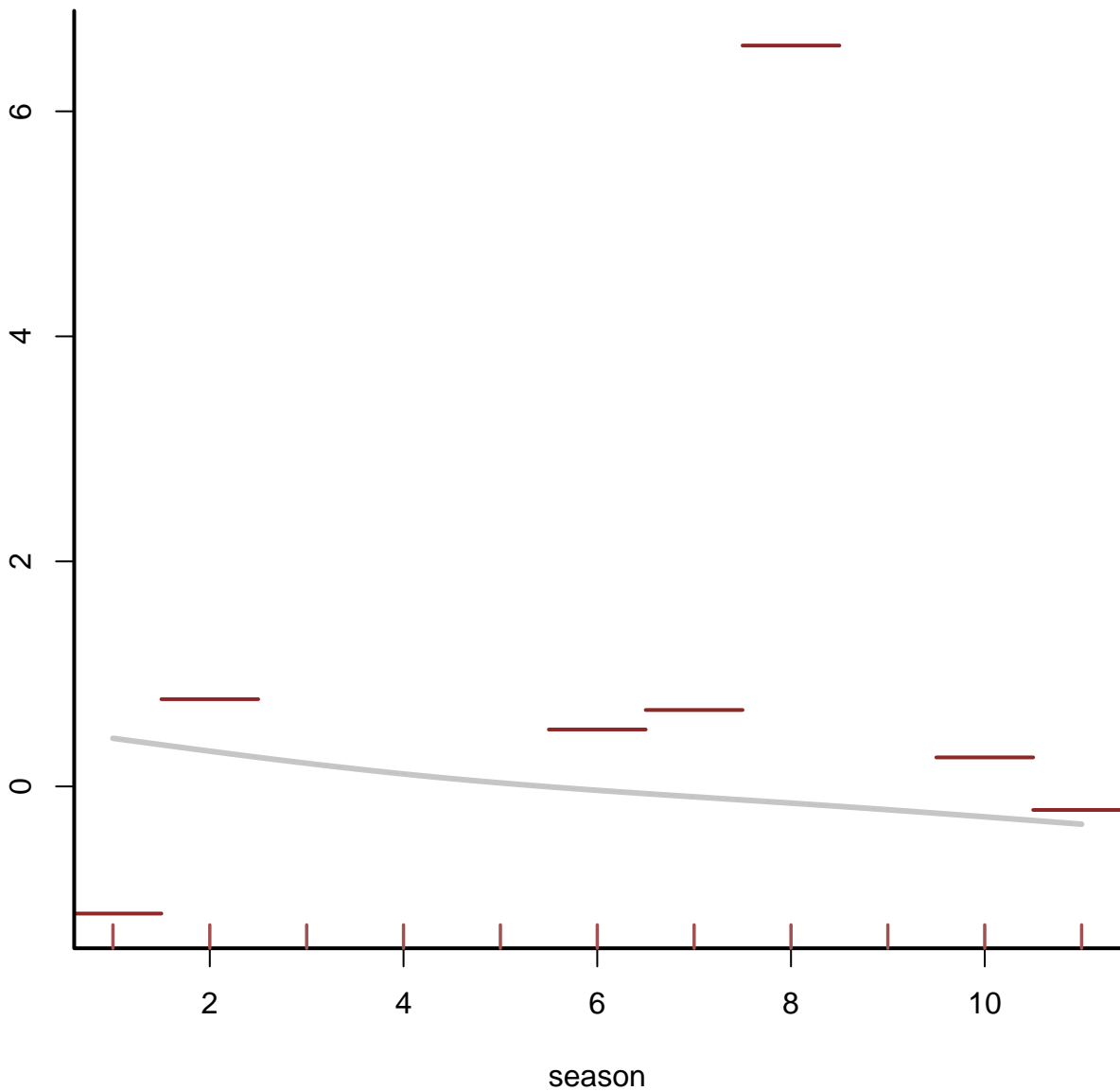


**s(season)**

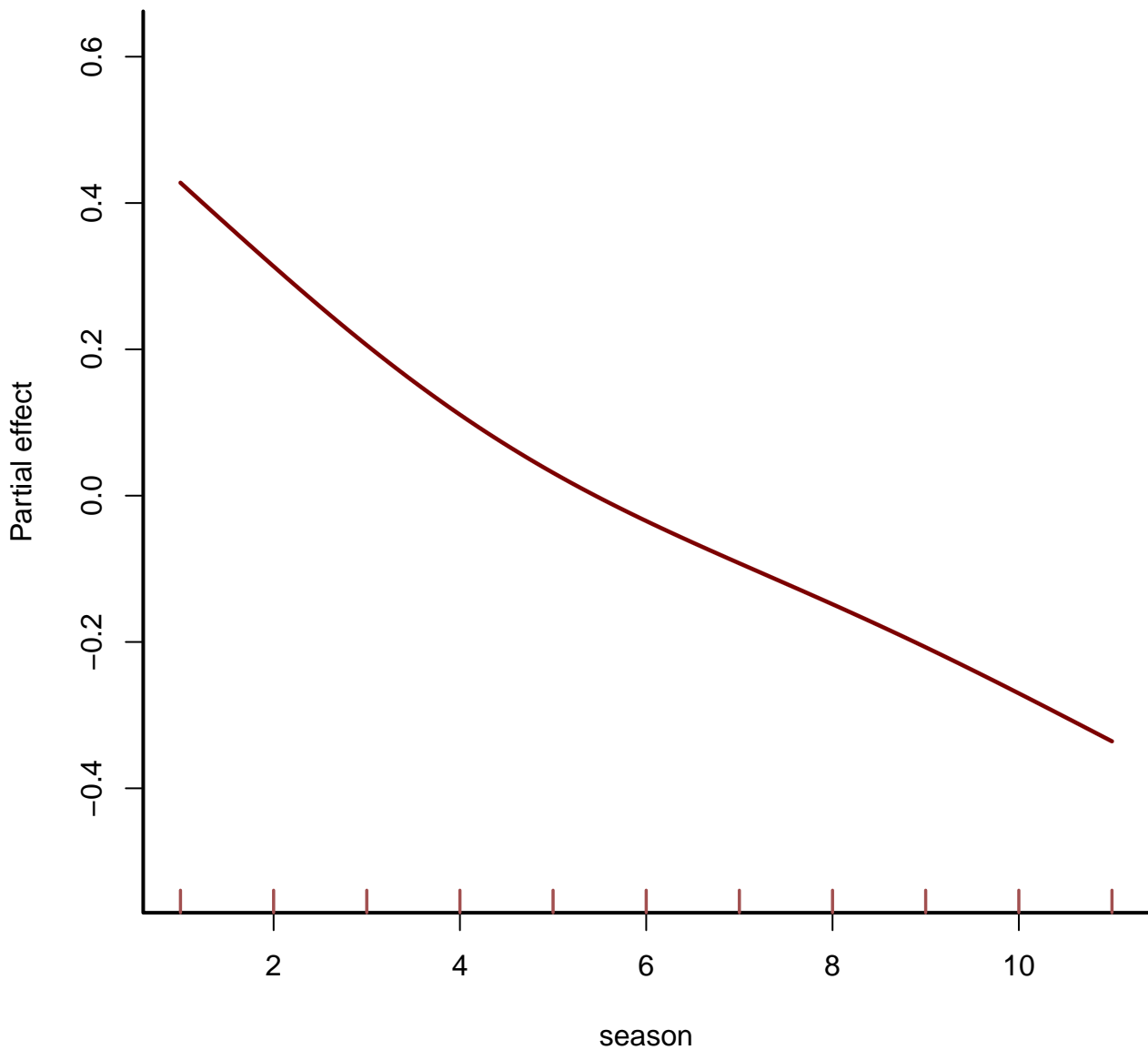


**s(season)**

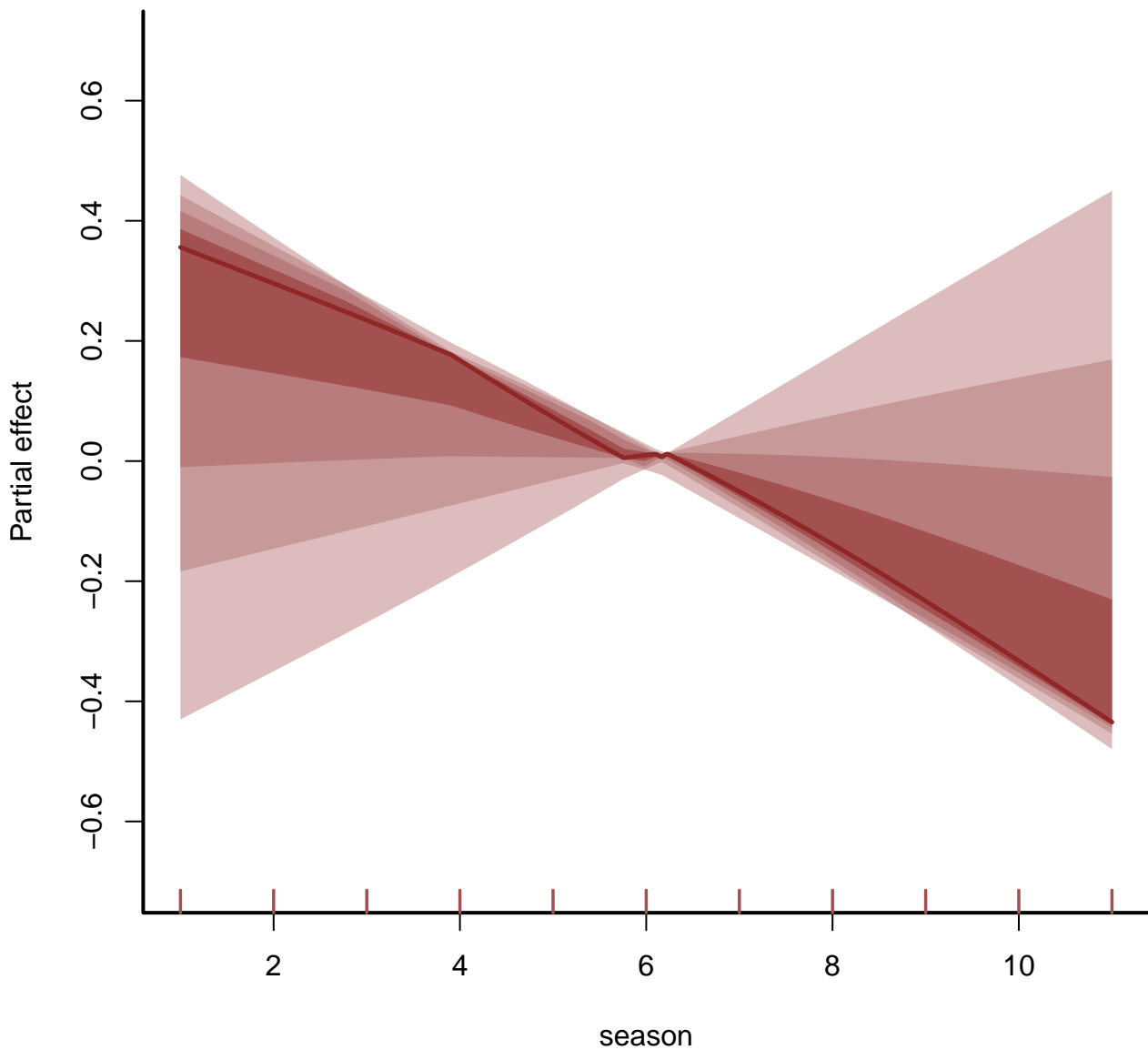
Partial effect



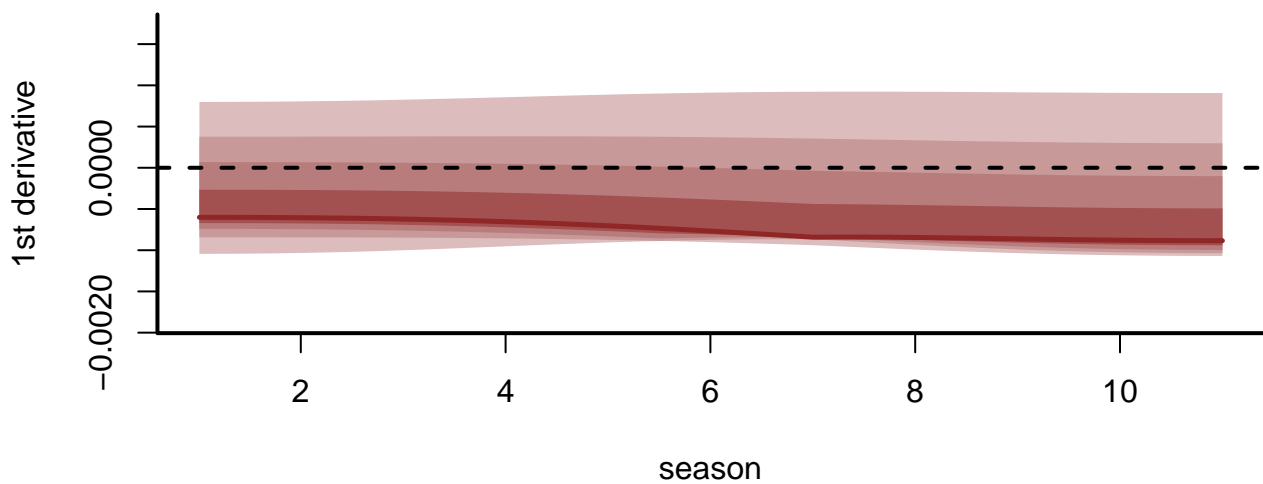
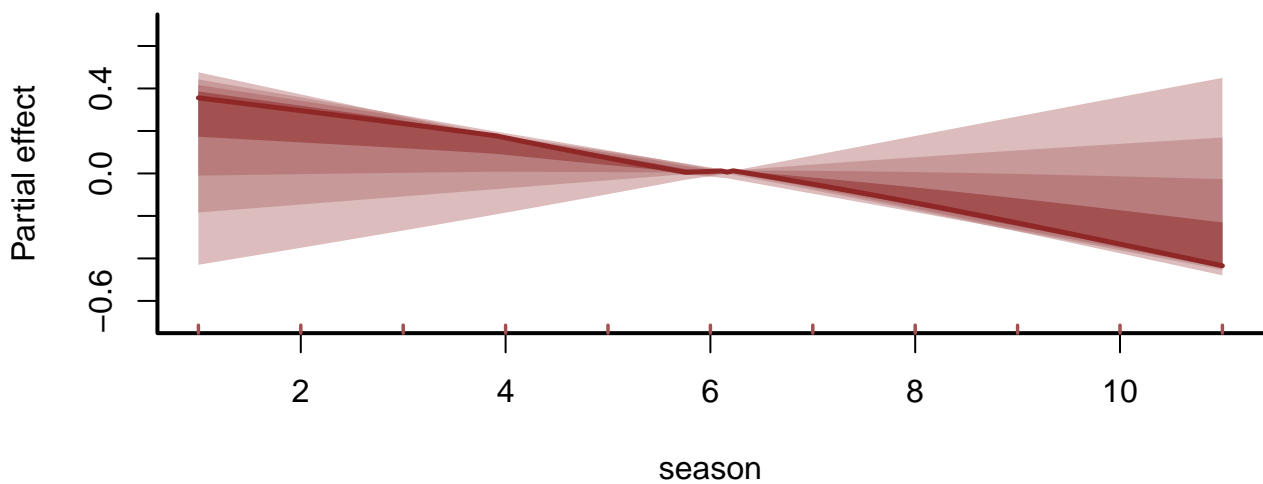
**s(season)**



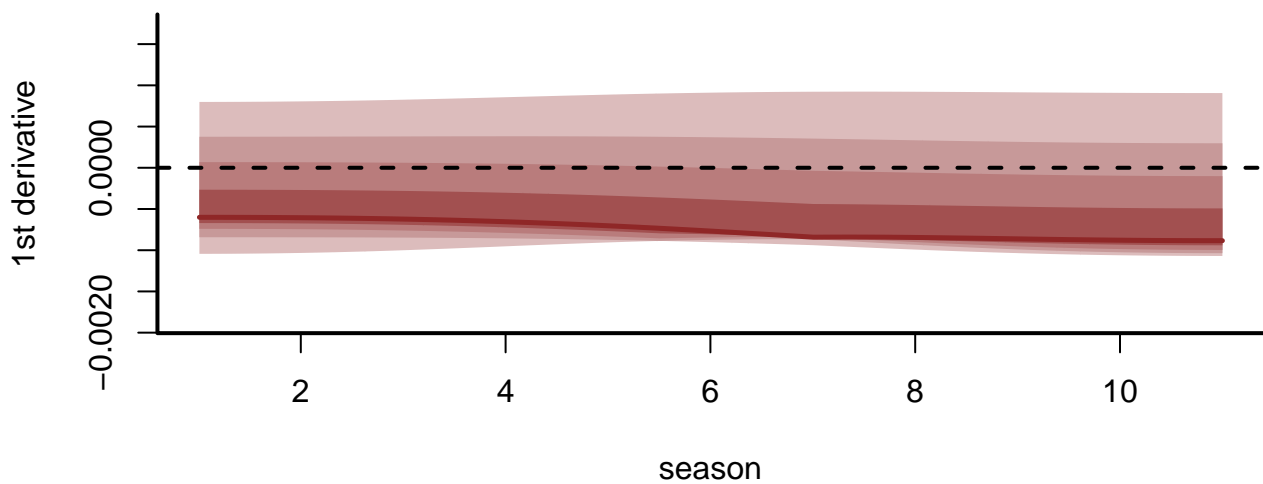
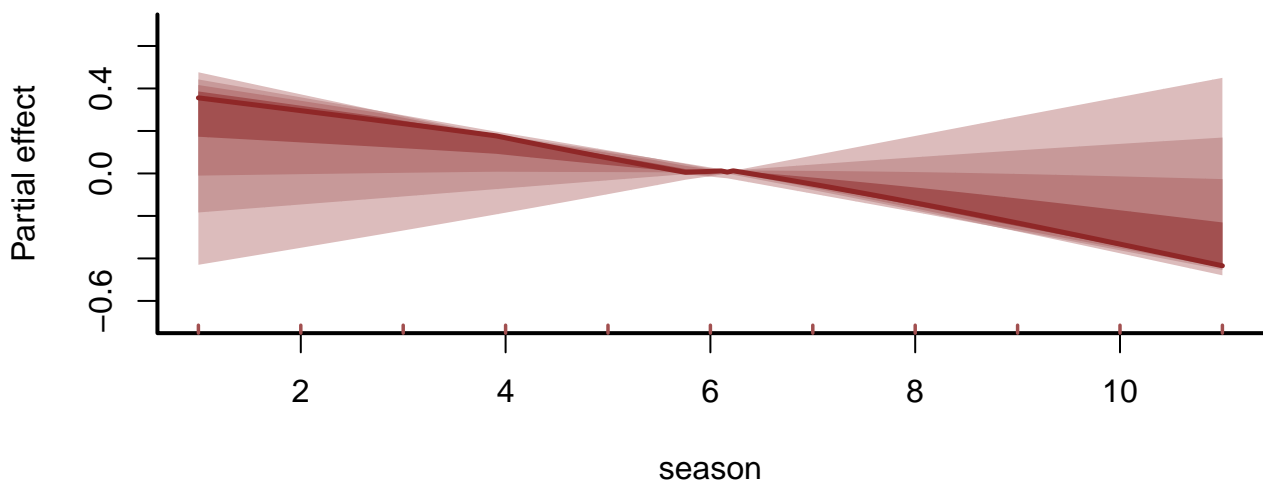
**s(season)**



**s(season)**

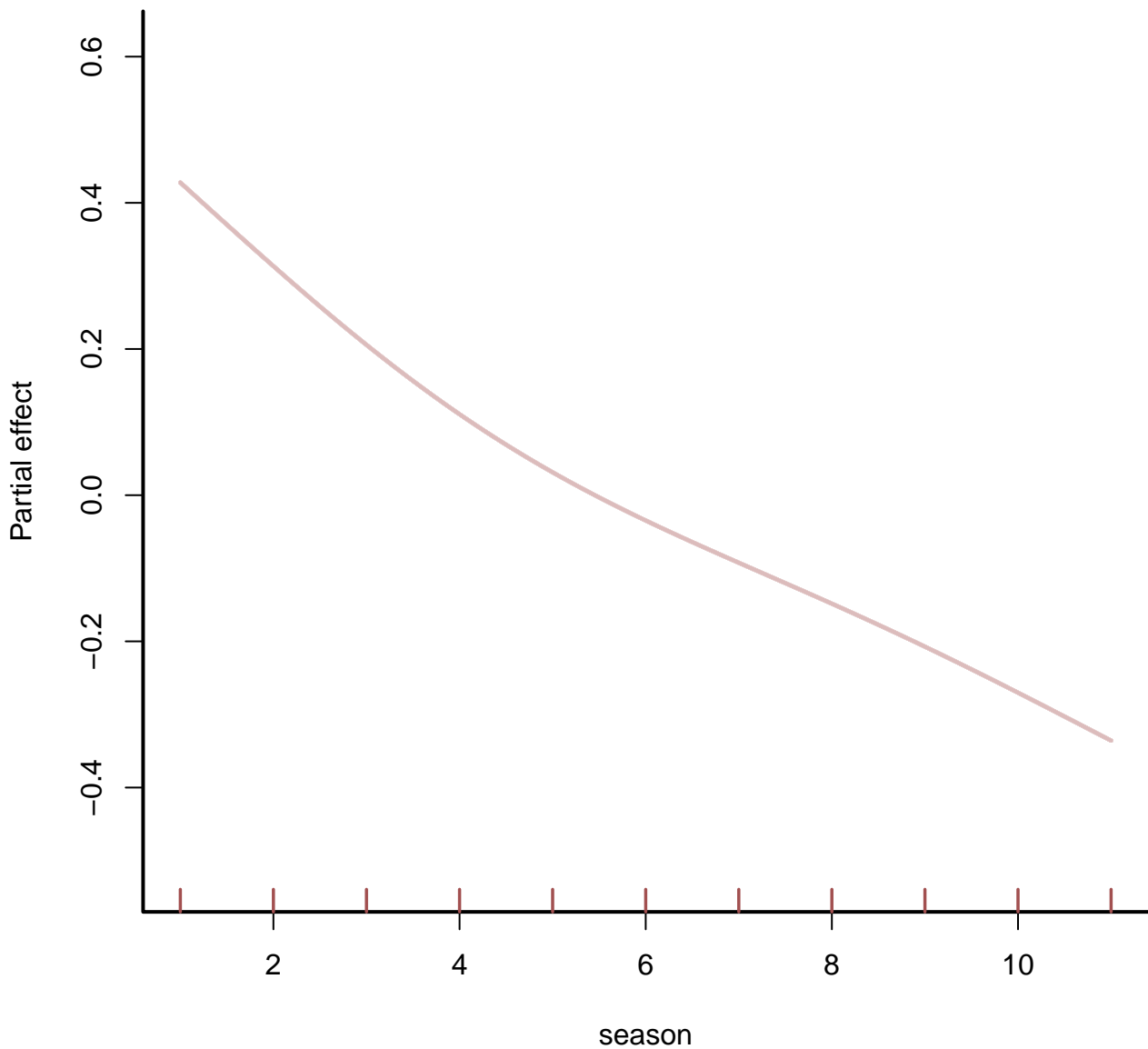


**s(season)**





**s(season)**



**s(season)**

Partial effect

0.5

0.0

-0.5

2

4

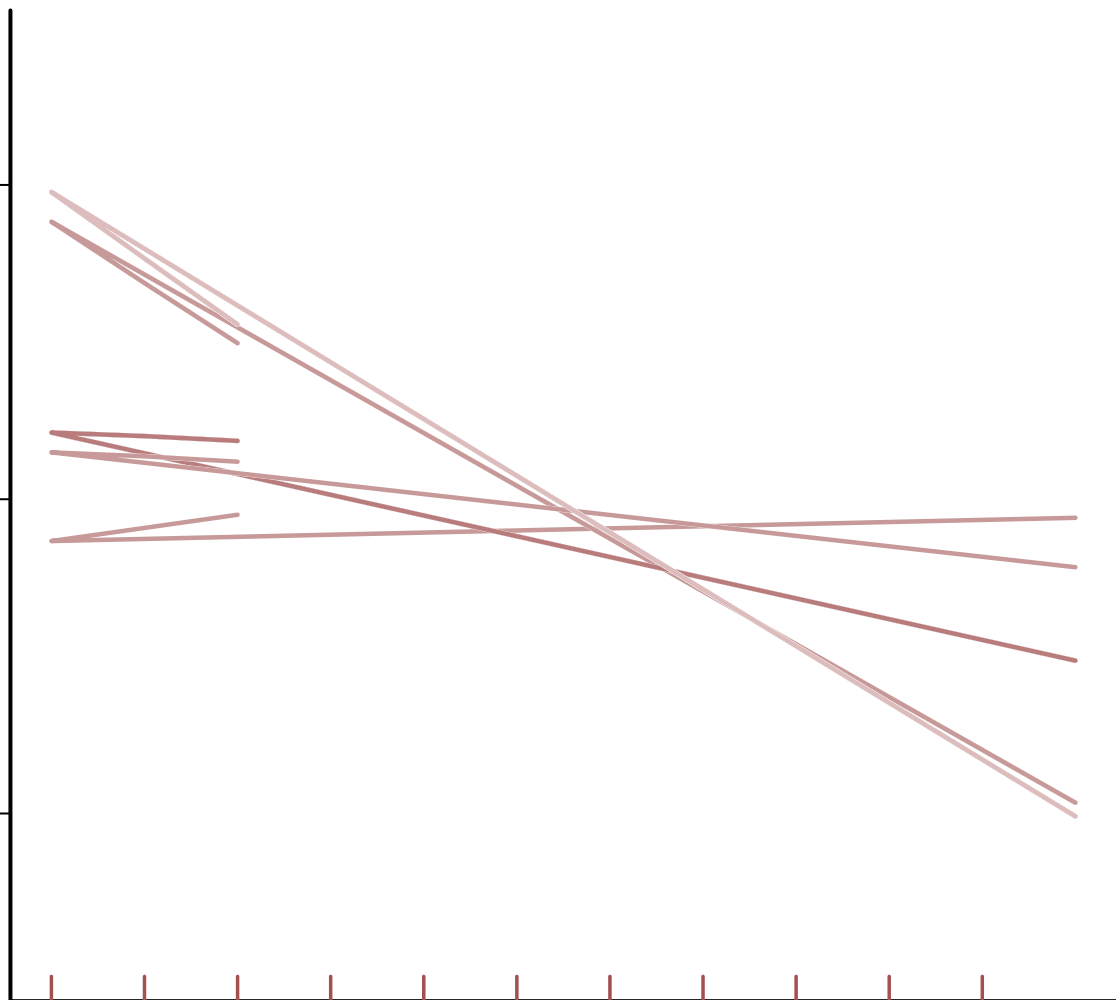
6

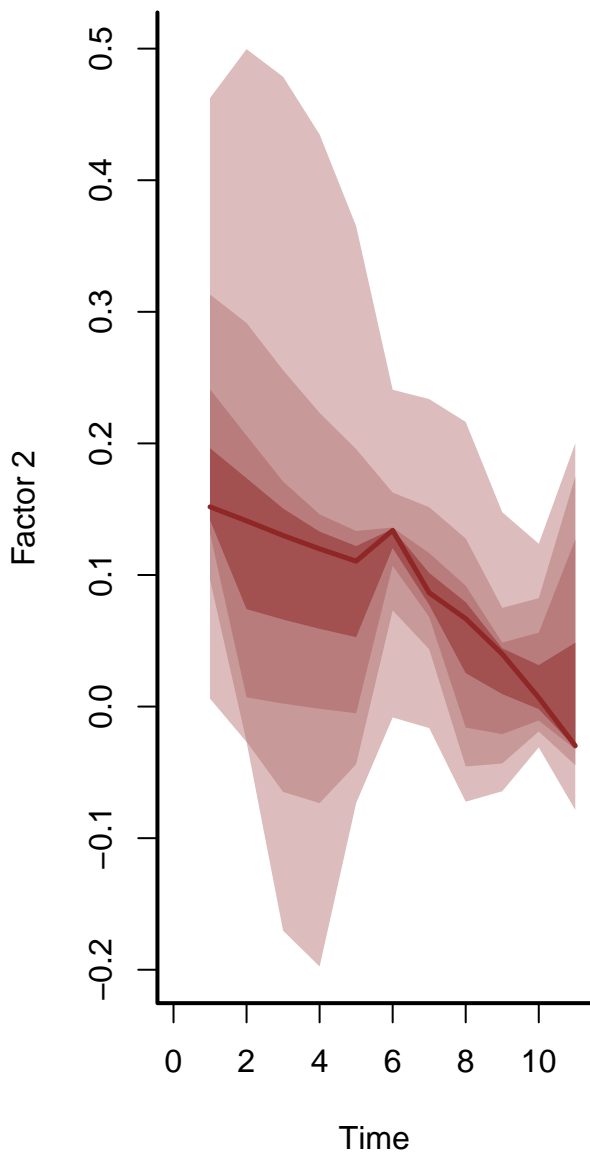
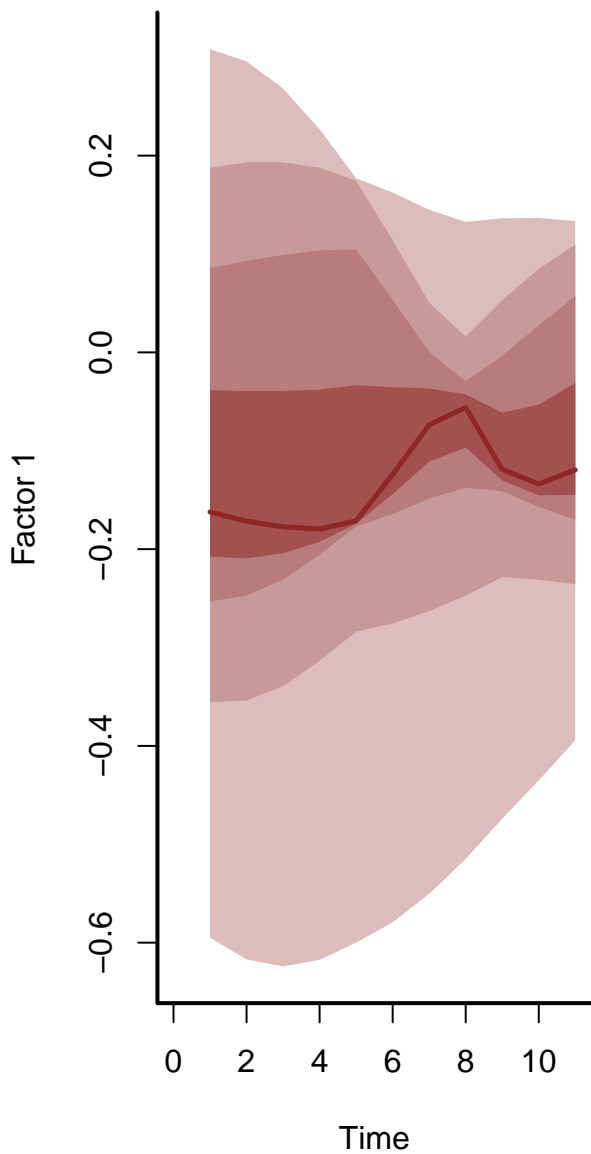
8

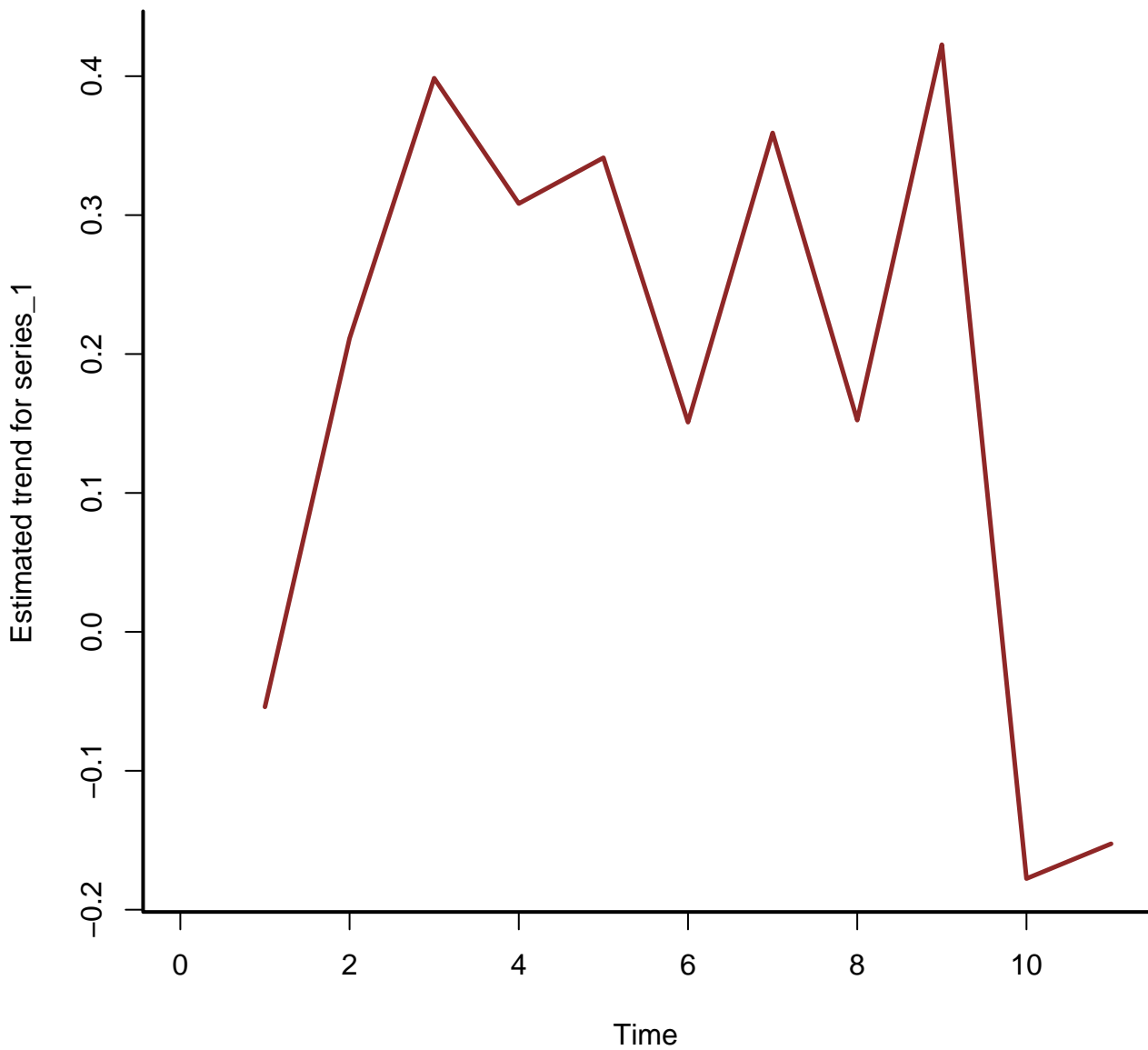
10

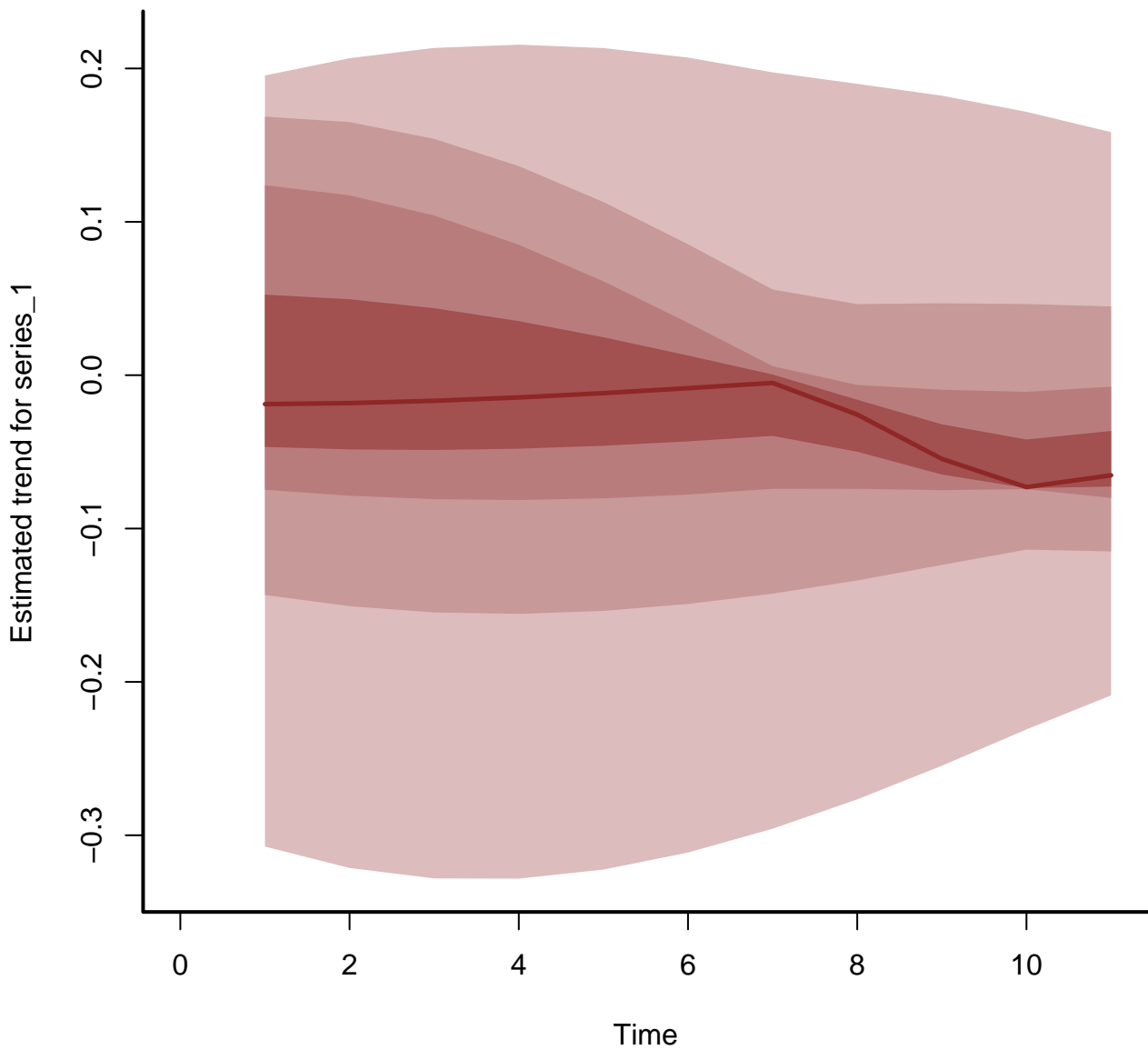
12

season

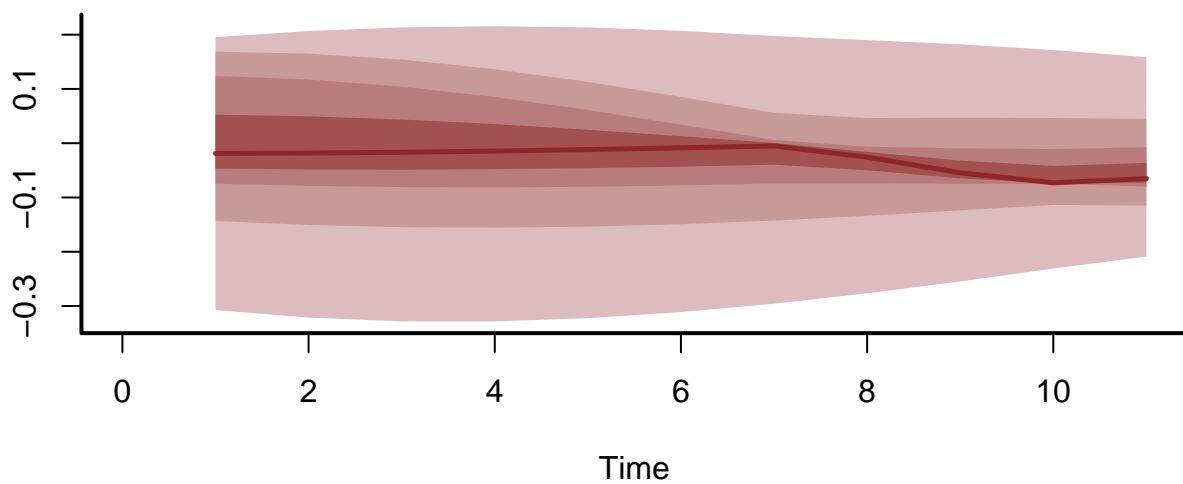




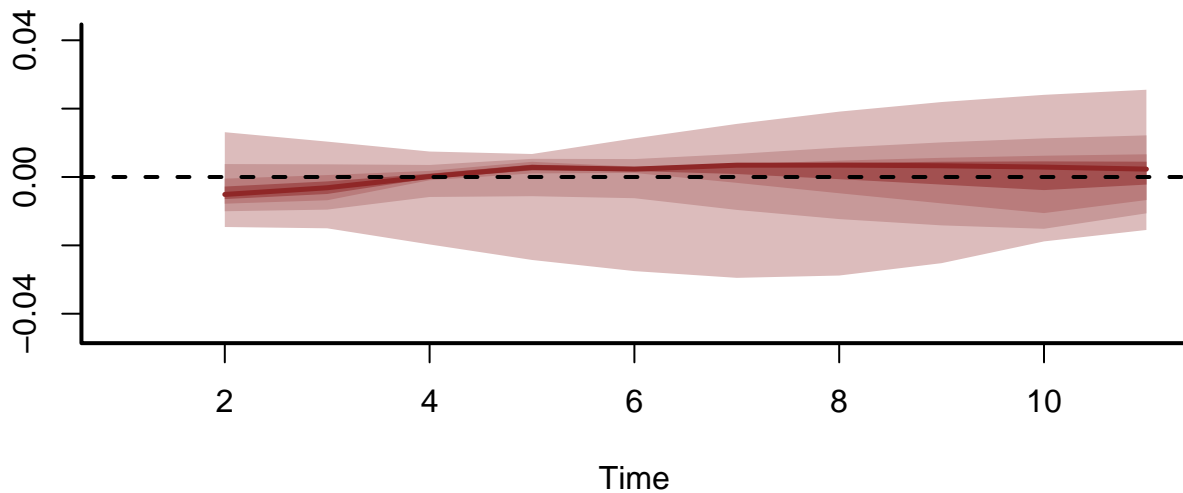


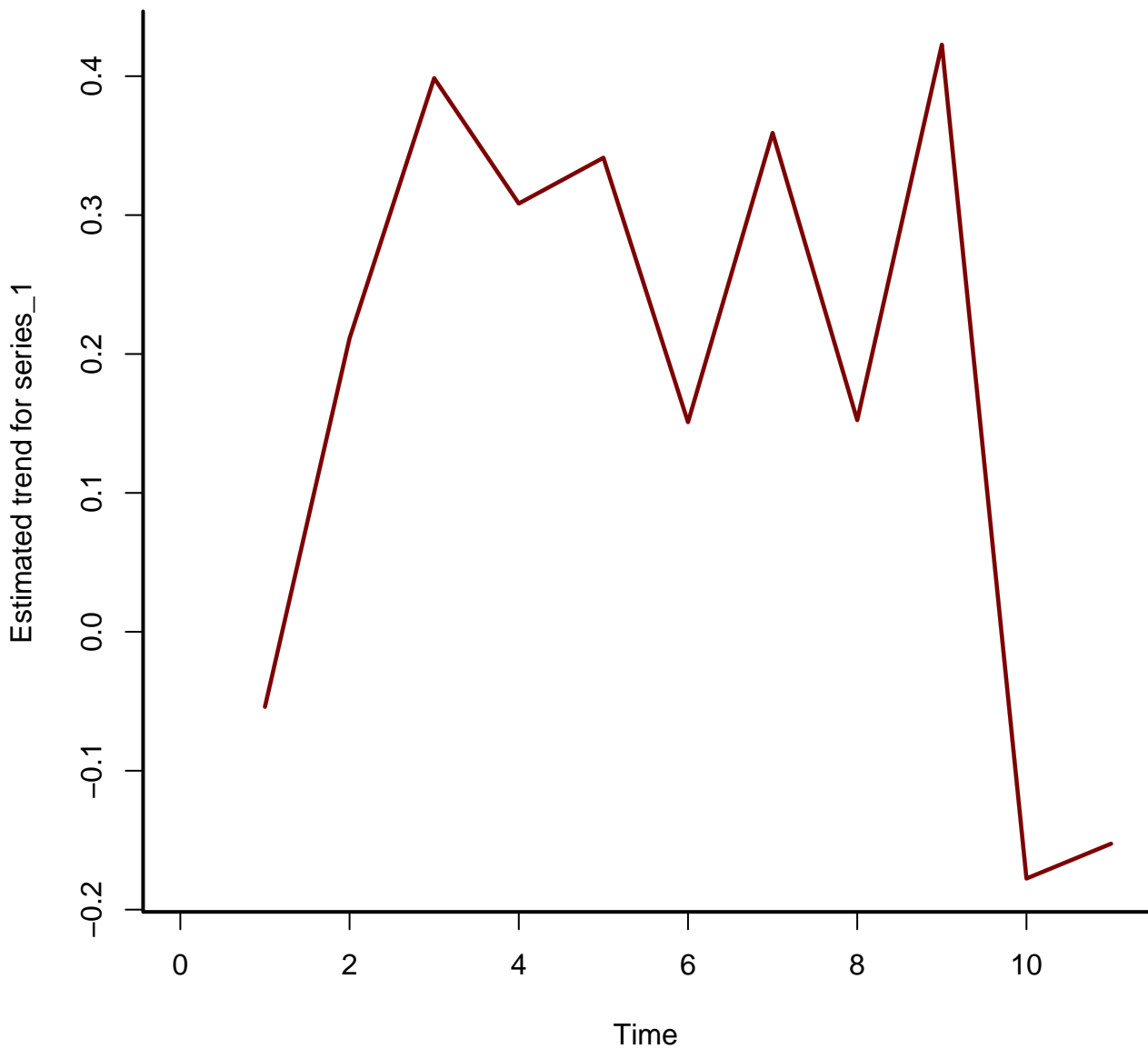


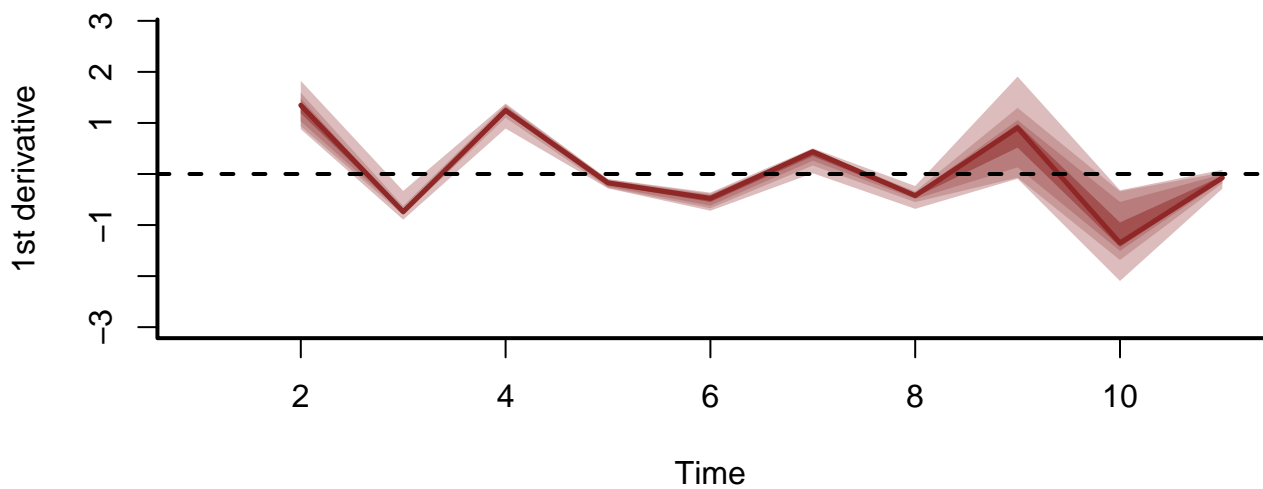
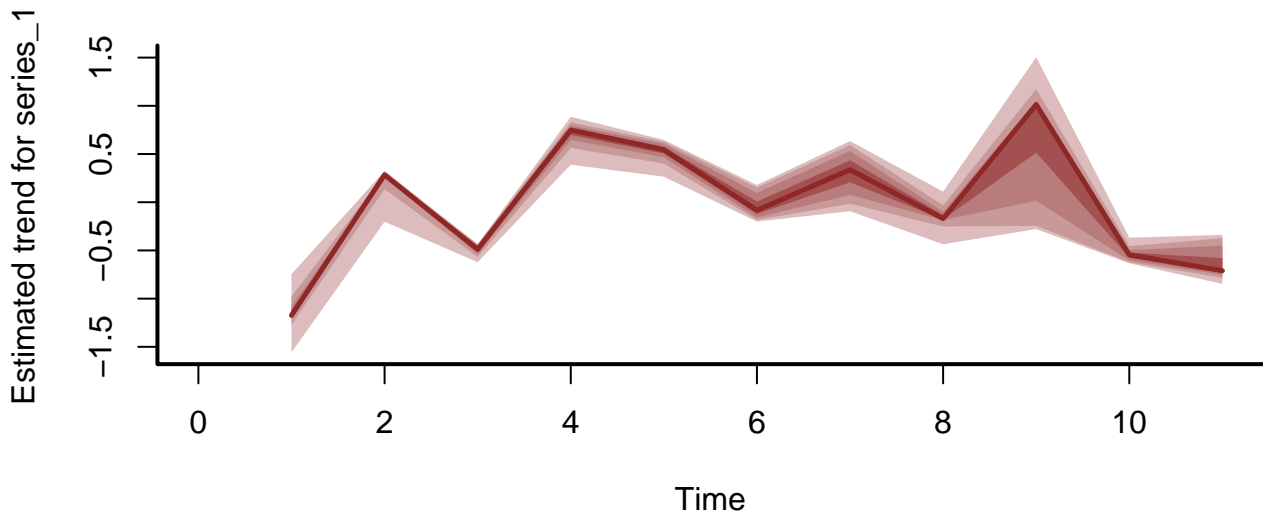
Estimated trend for series\_1



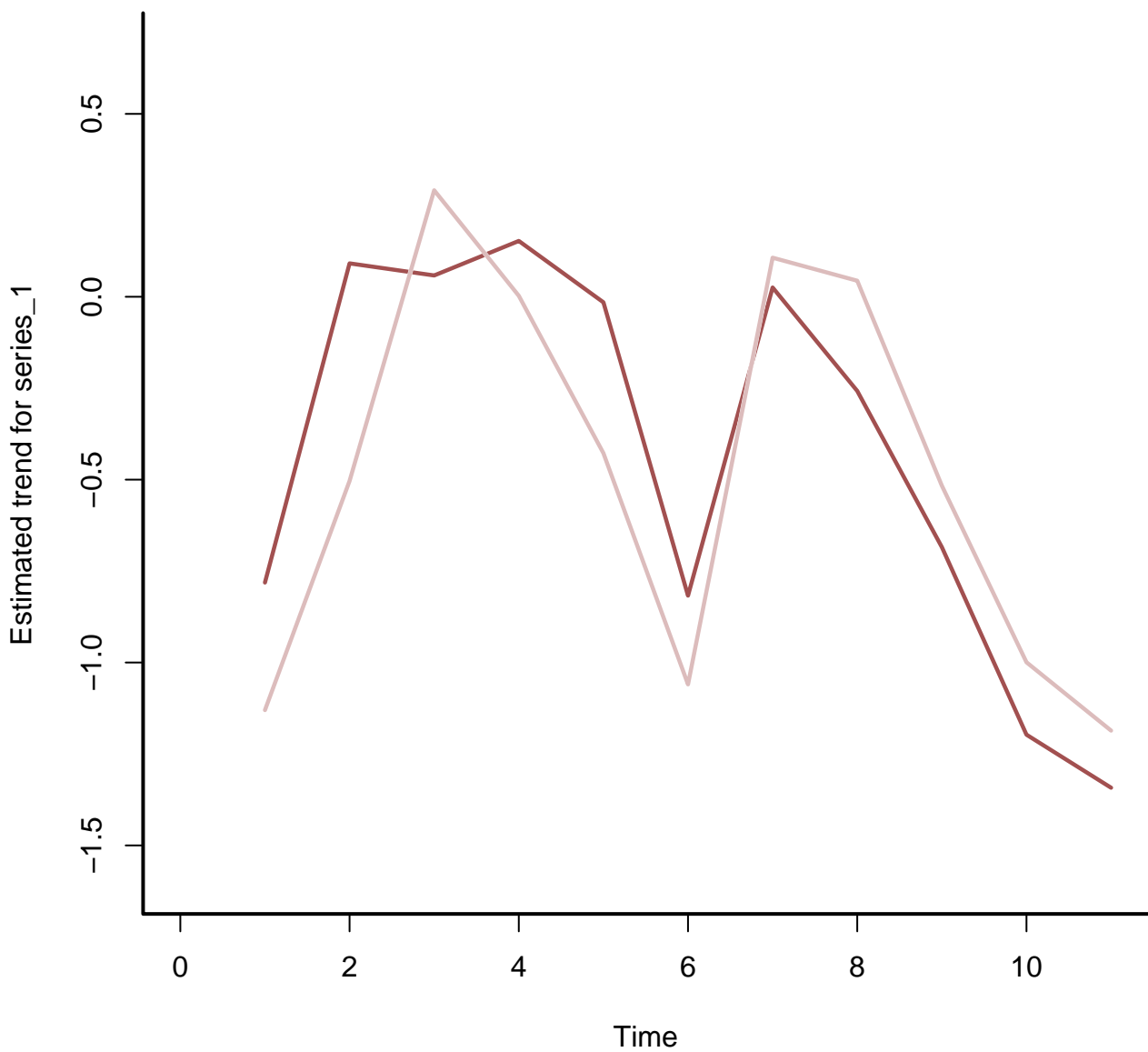
1st derivative

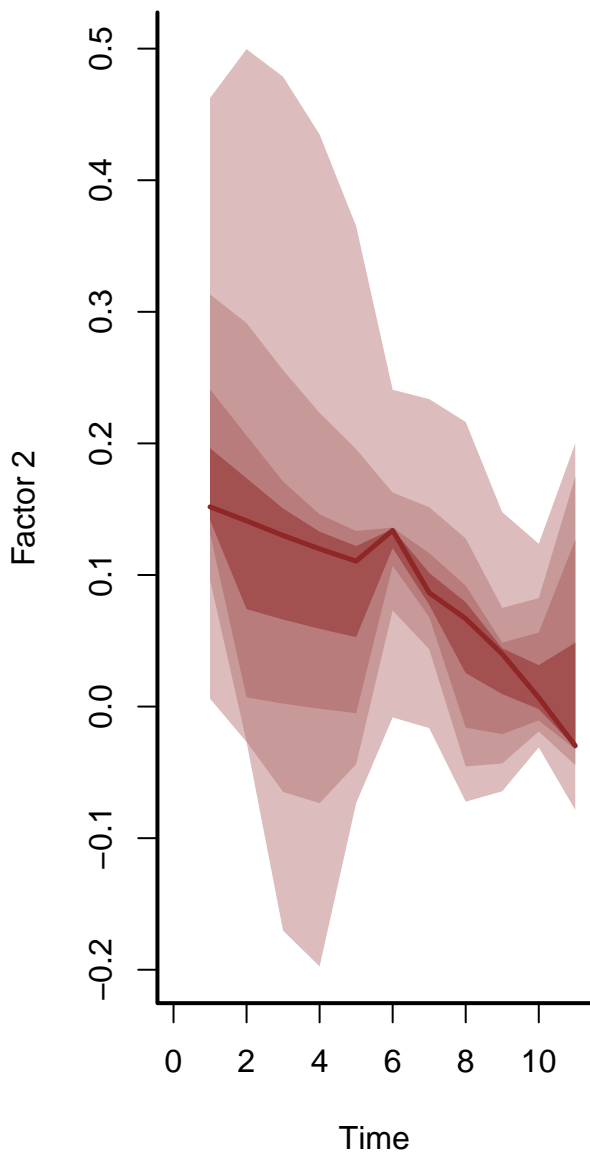
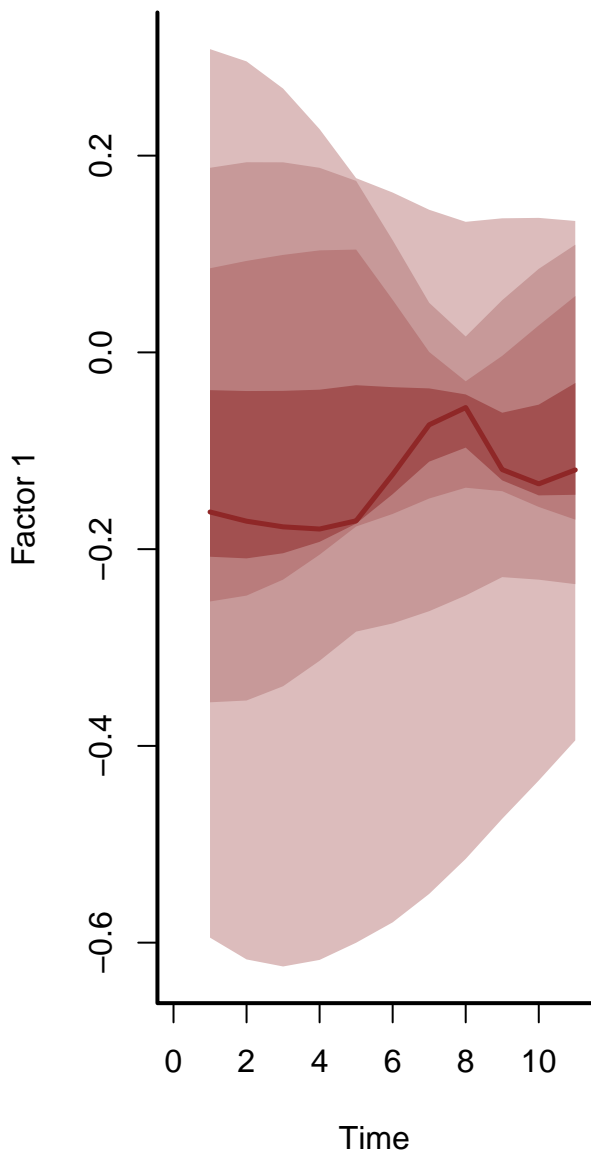


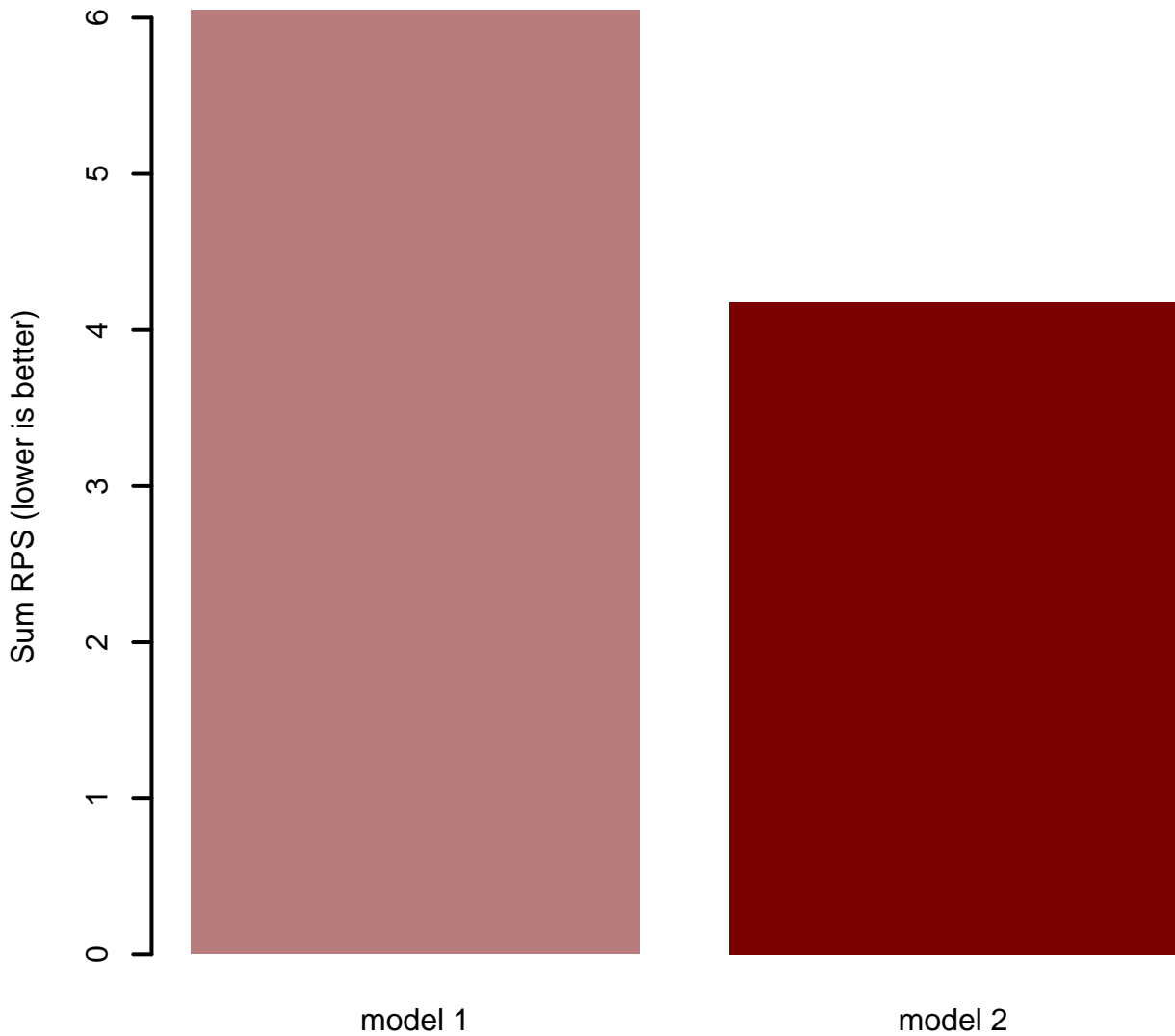










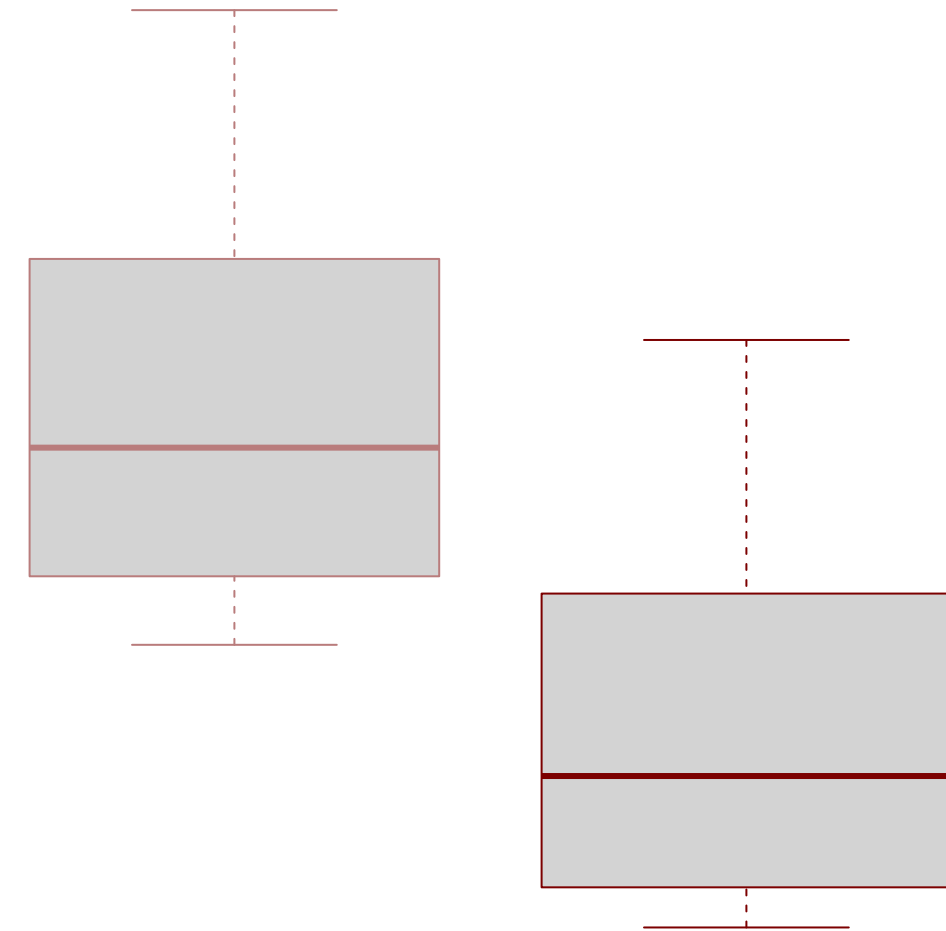


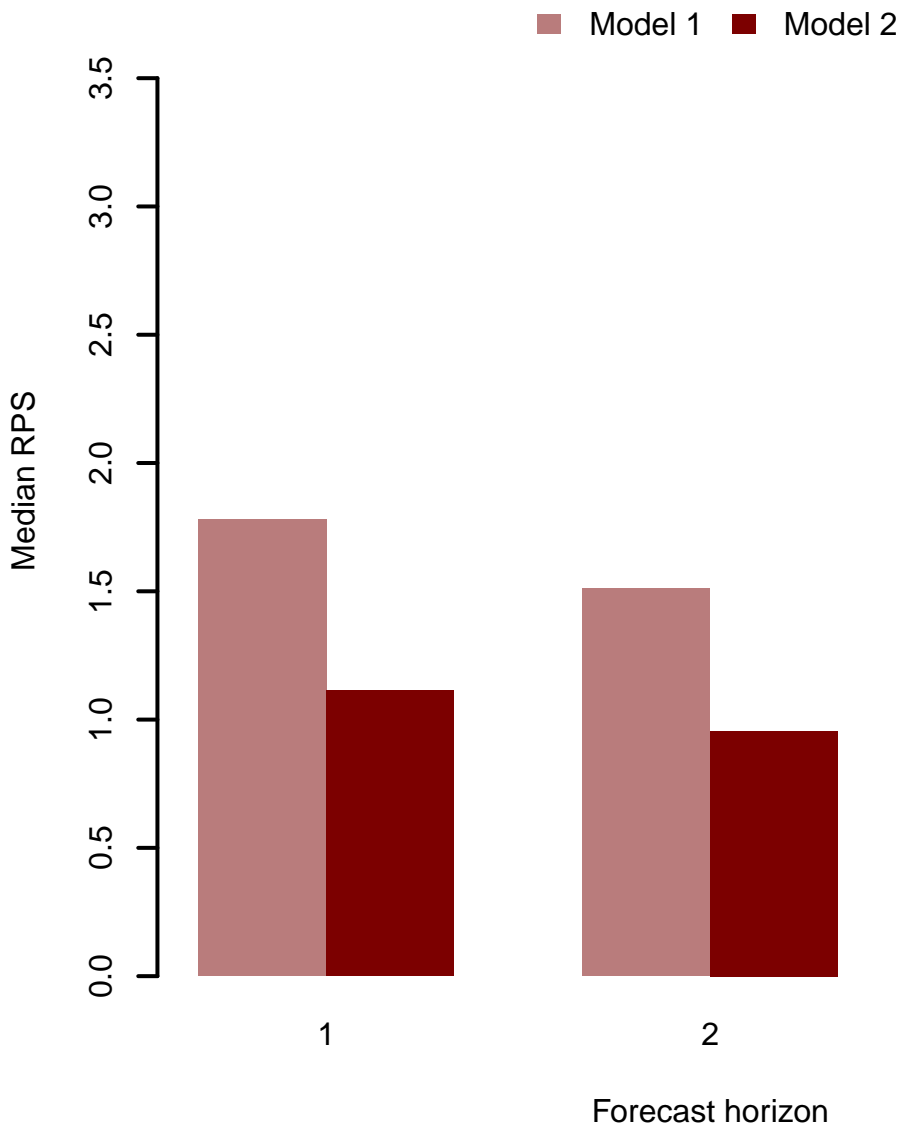
Sum RPS per evaluation

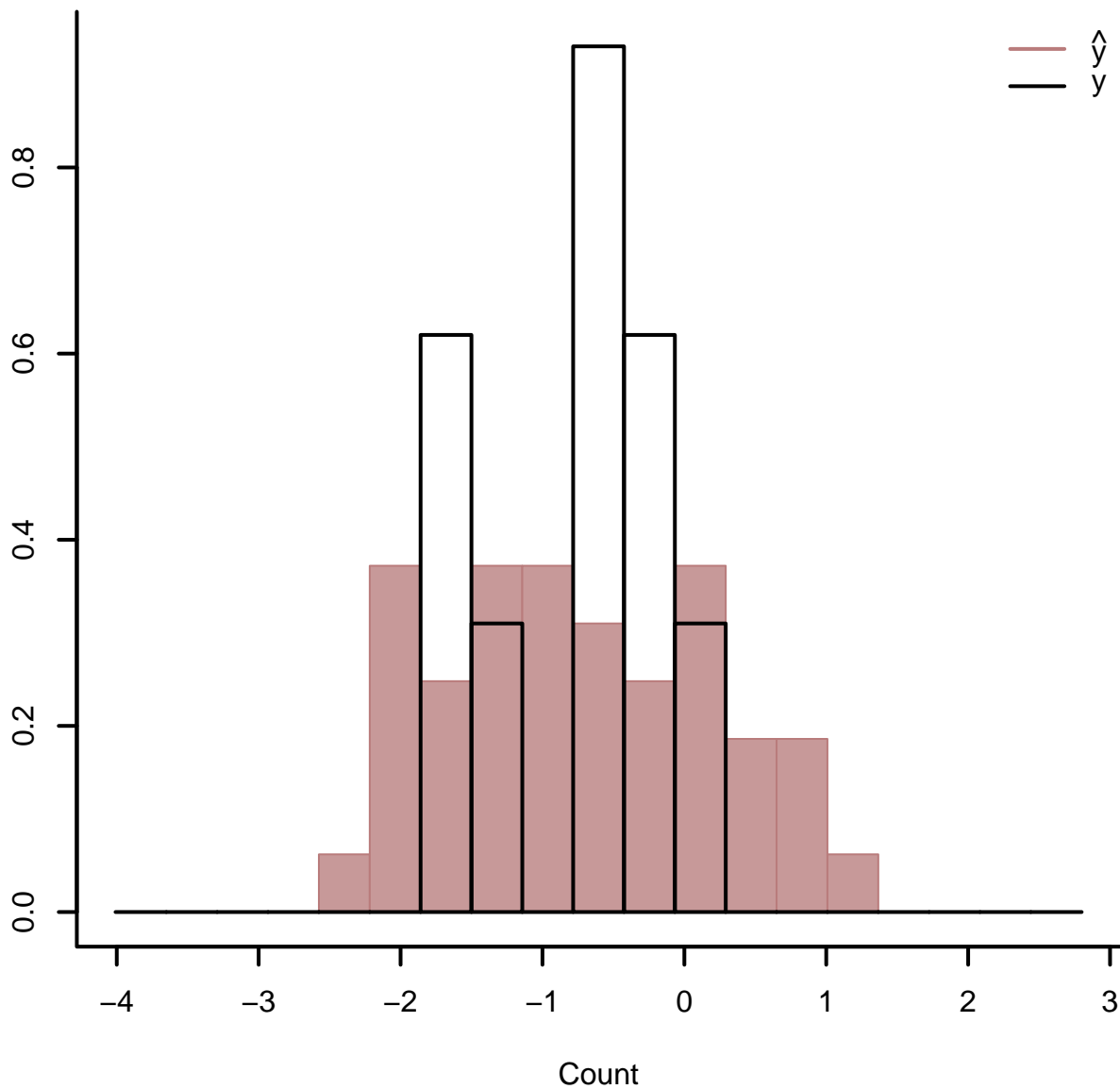
1.0  
1.5  
2.0  
2.5

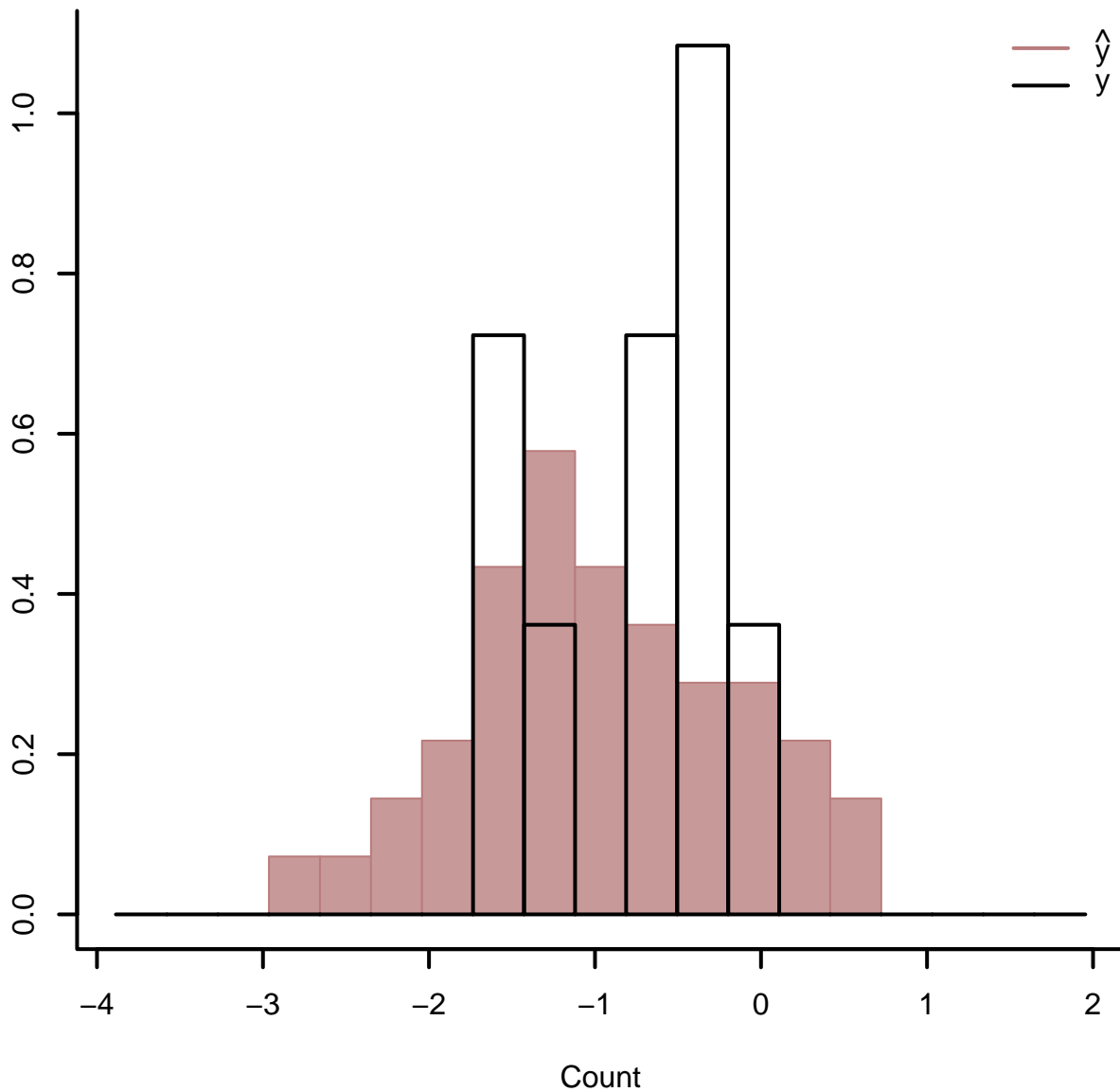
model 1

model 2

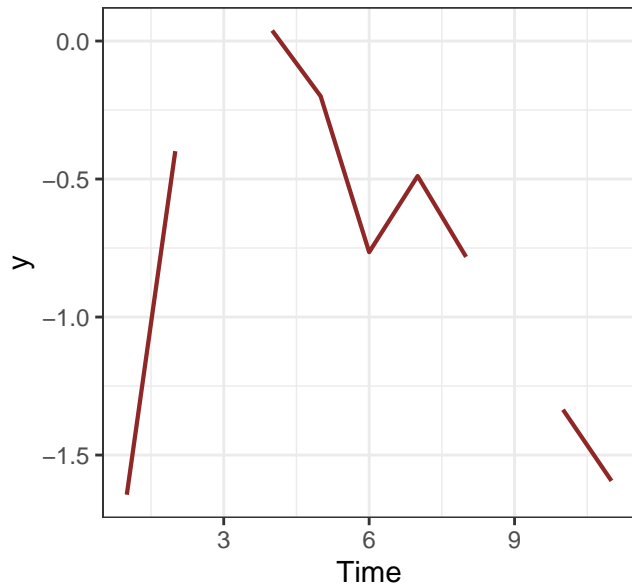




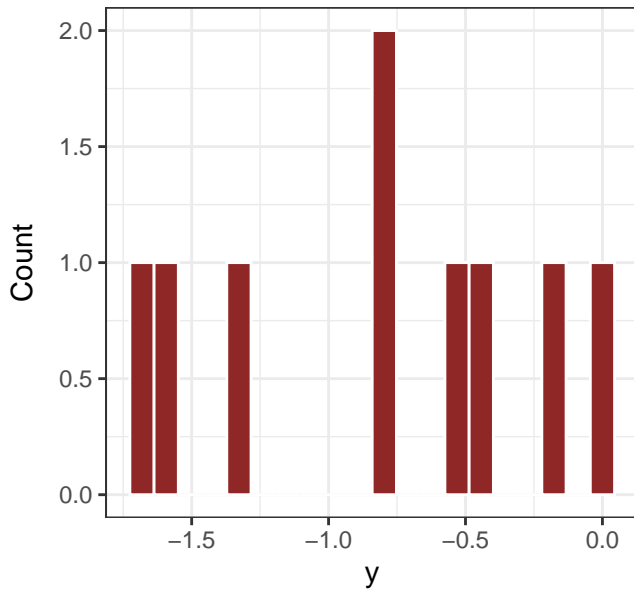




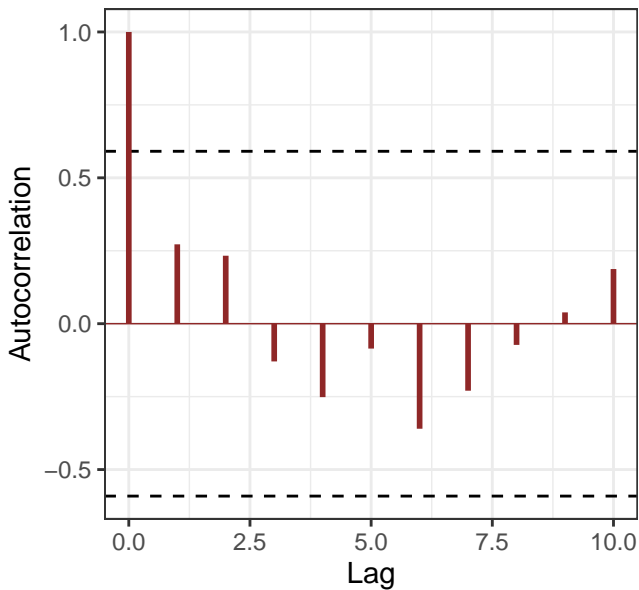
Time series



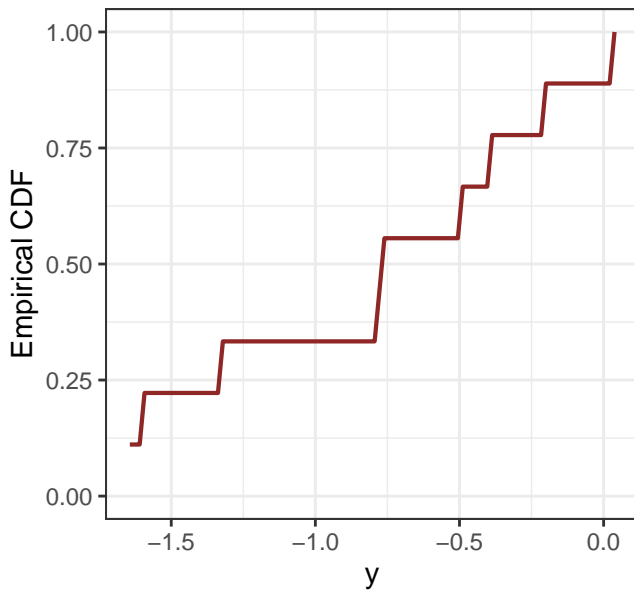
Histogram



ACF

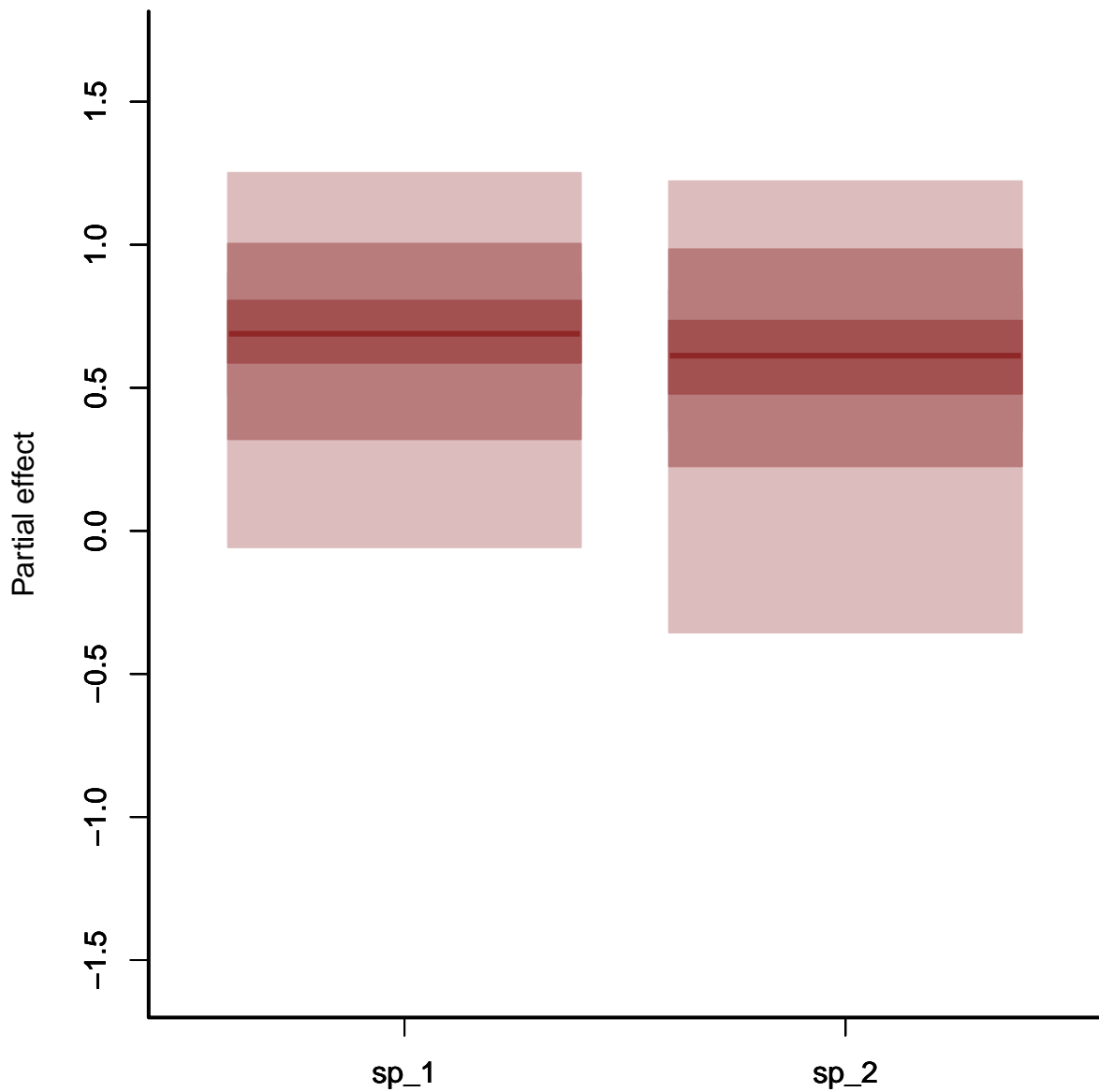


CDF





species



species

Partial effect

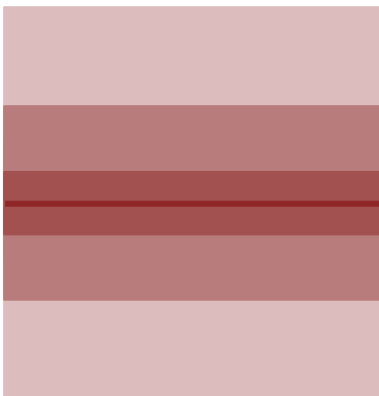
0.0

-0.5

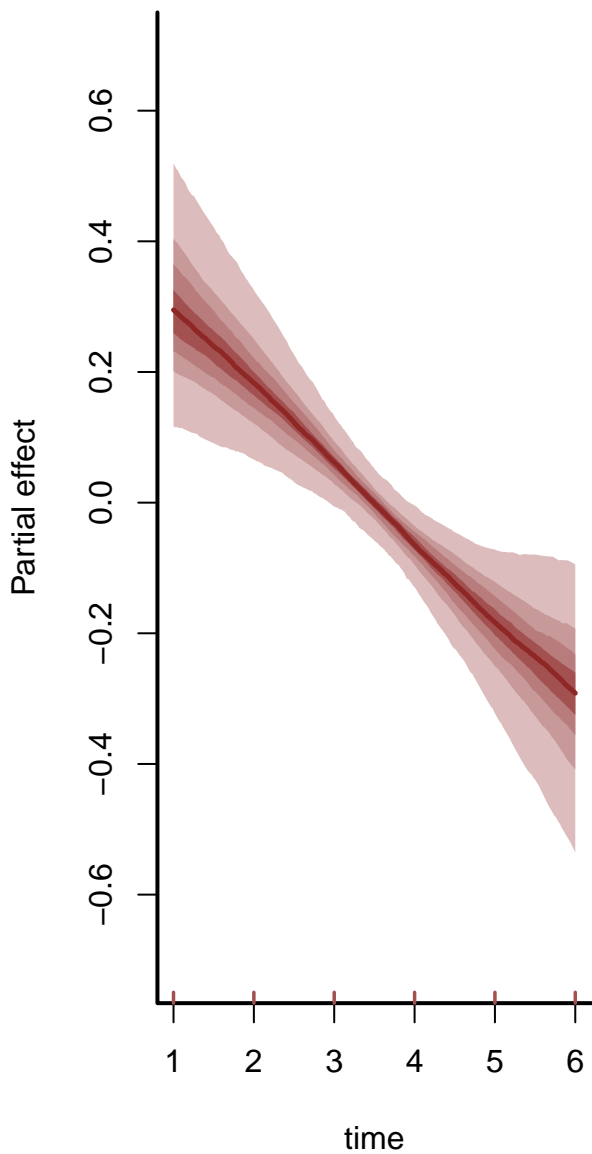
-1.0

-1.5

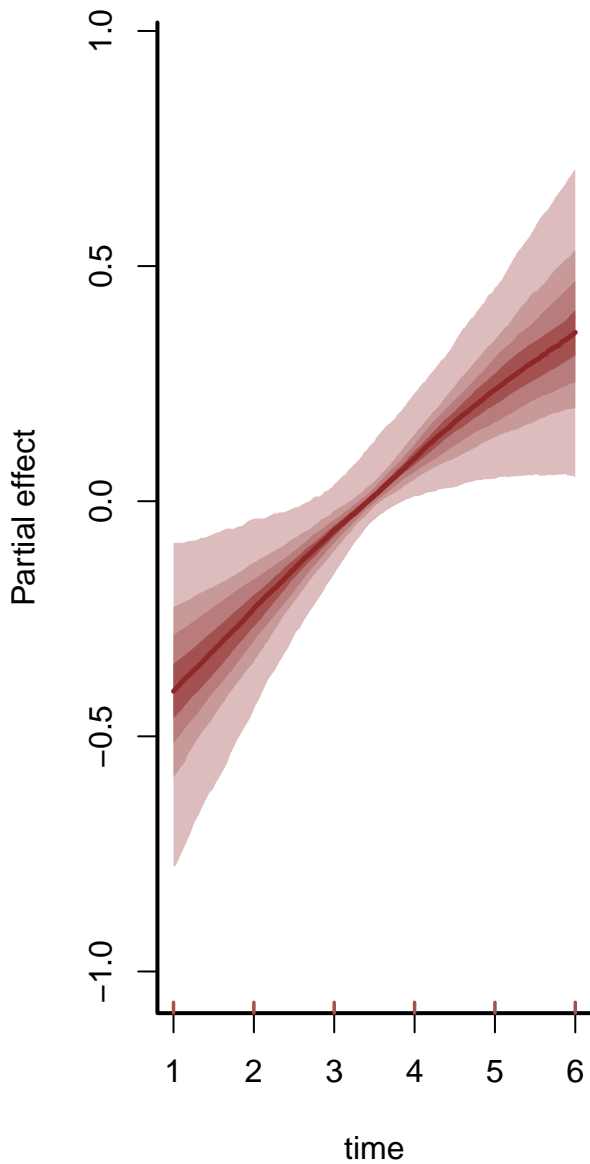
-2.0



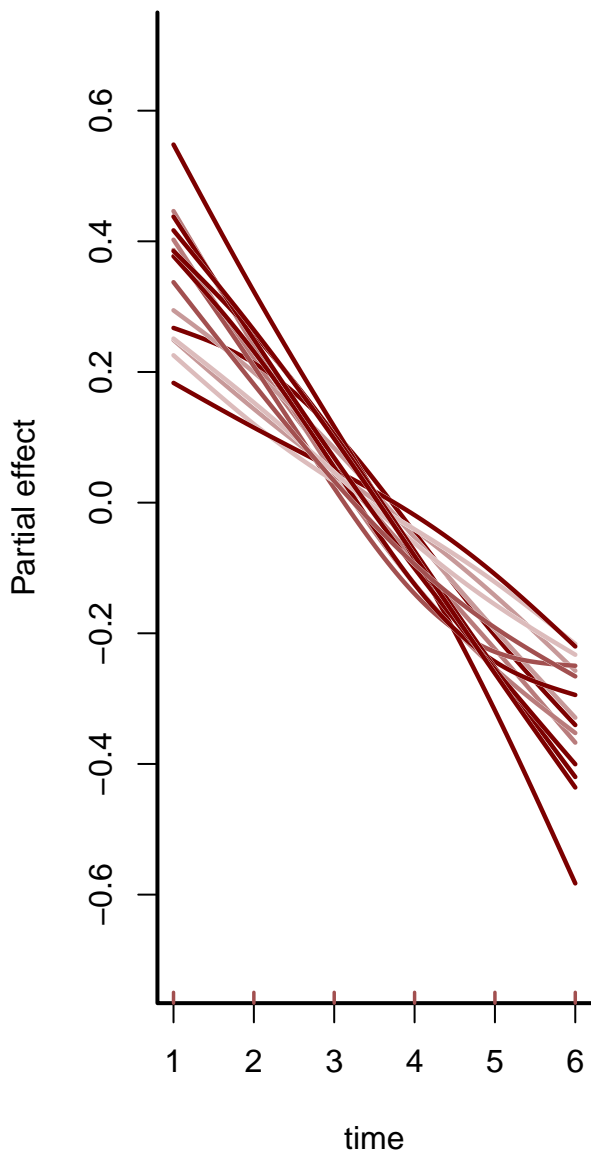
**s(time):trendtrend1**



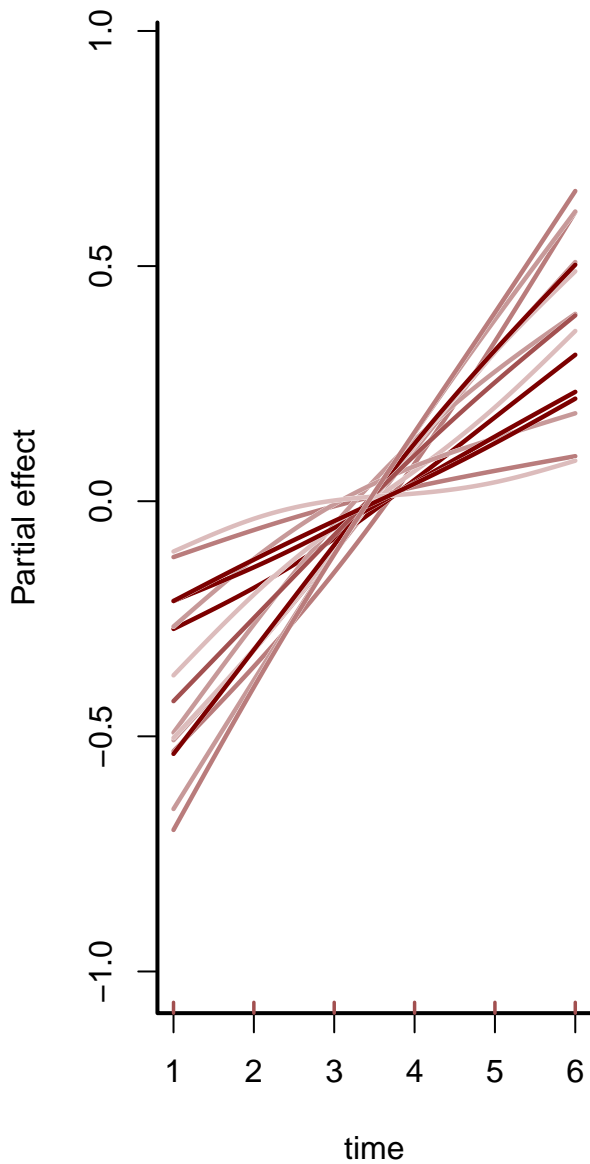
**s(time):trendtrend2**



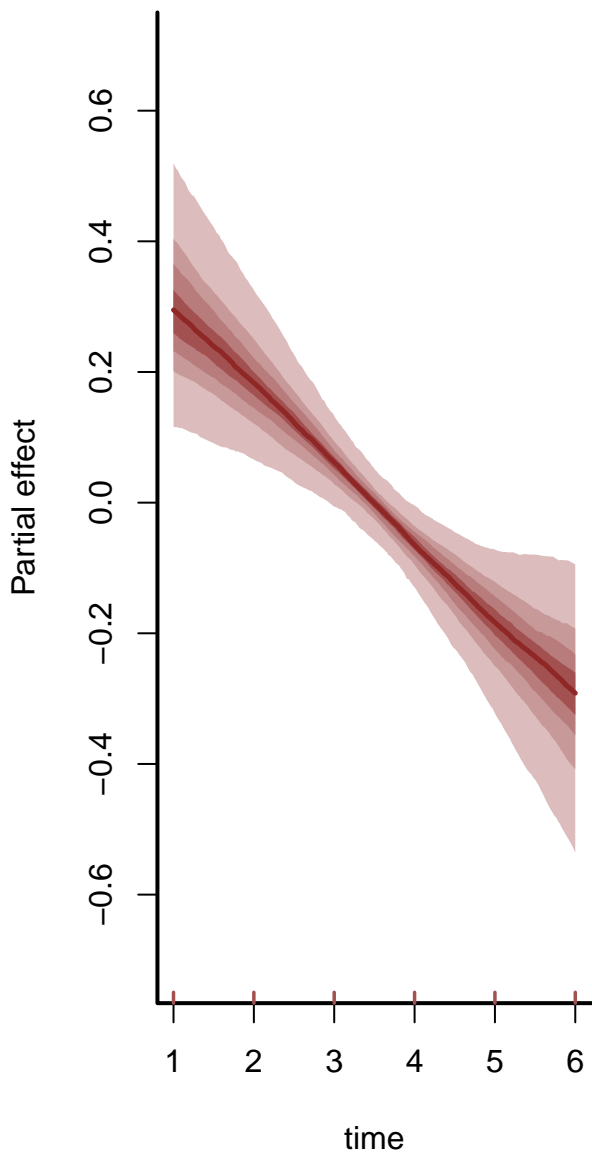
**s(time):trendtrend1**



**s(time):trendtrend2**



**s(time):trendtrend1**



**s(time):trendtrend2**

