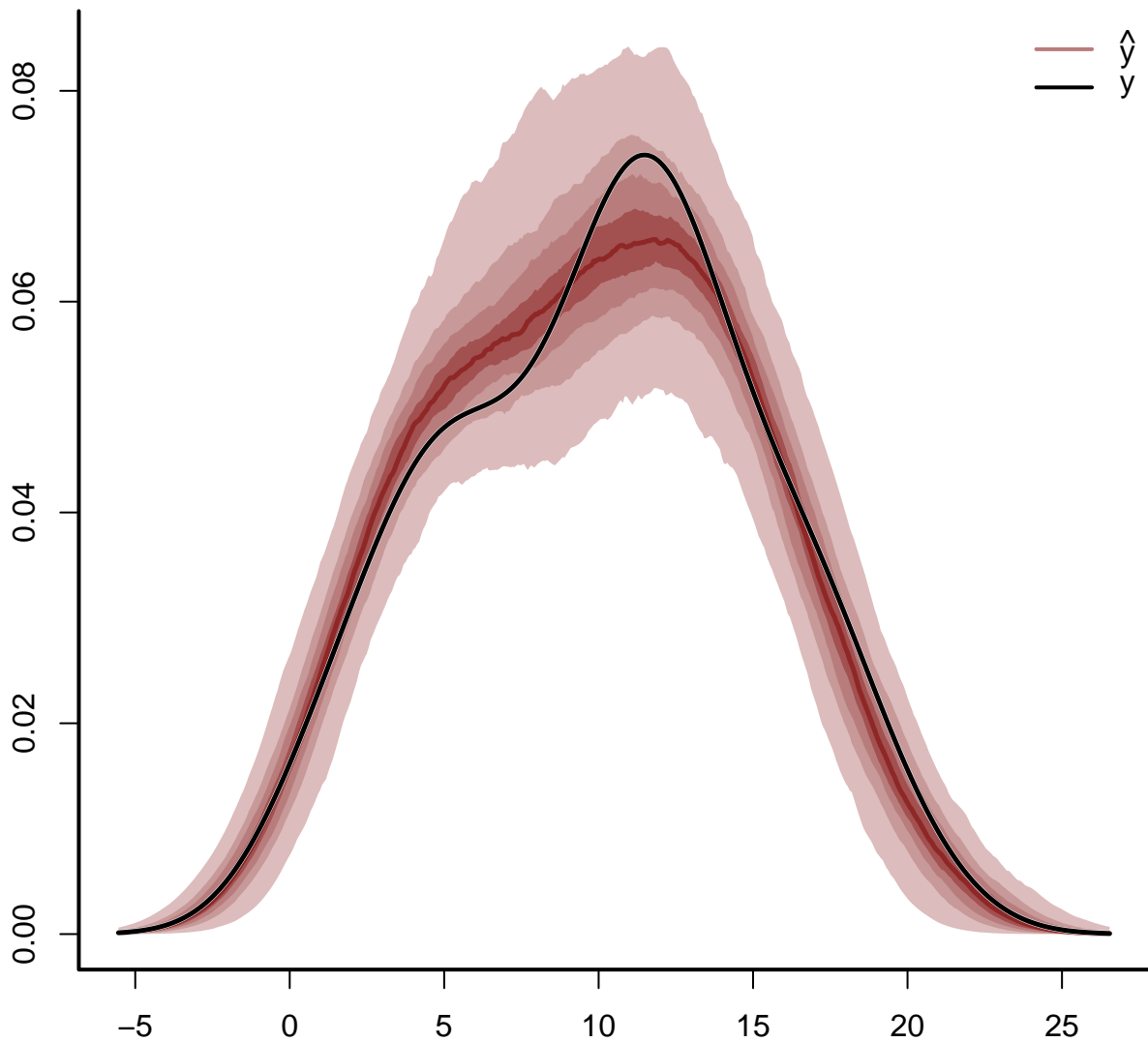
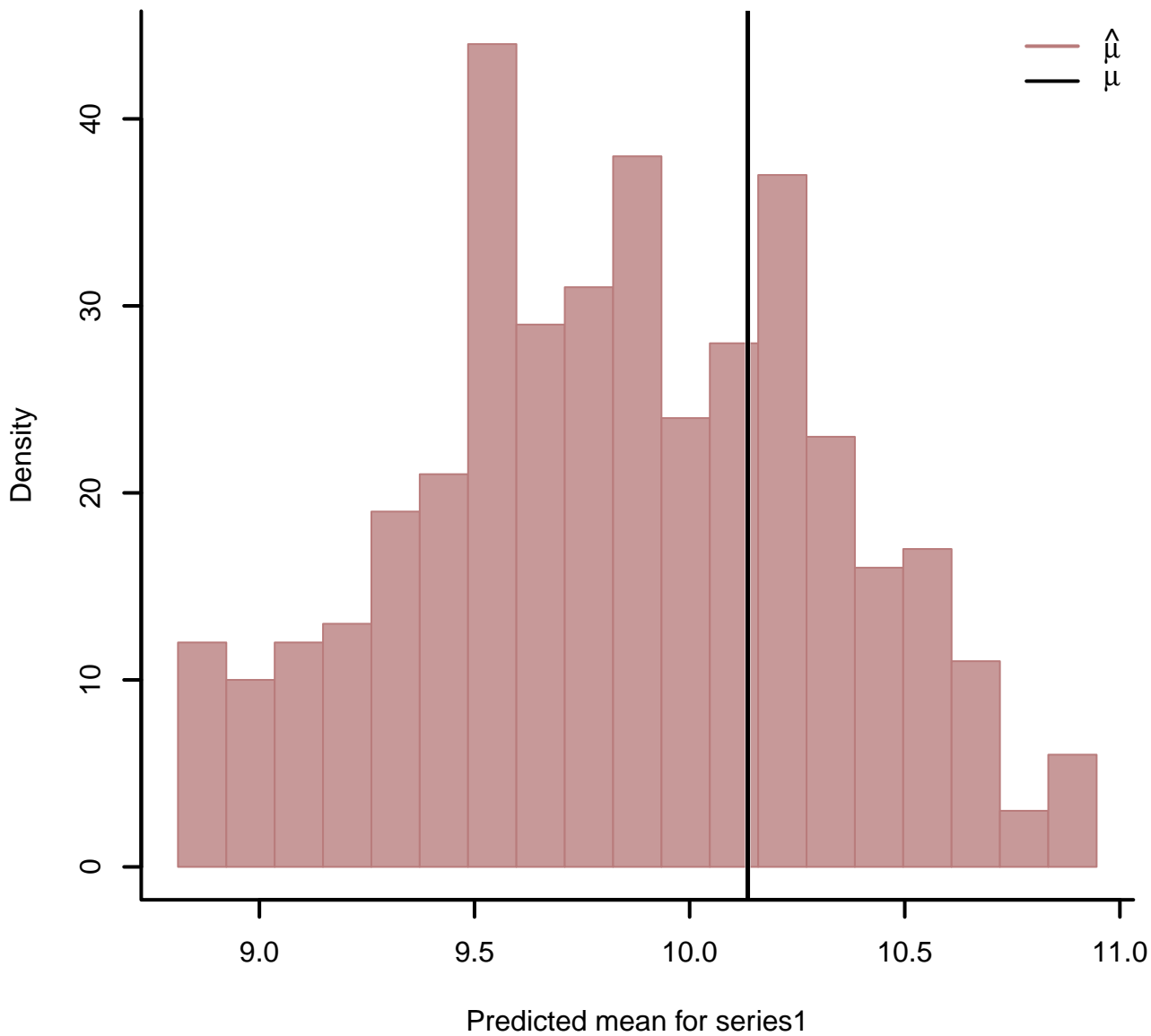
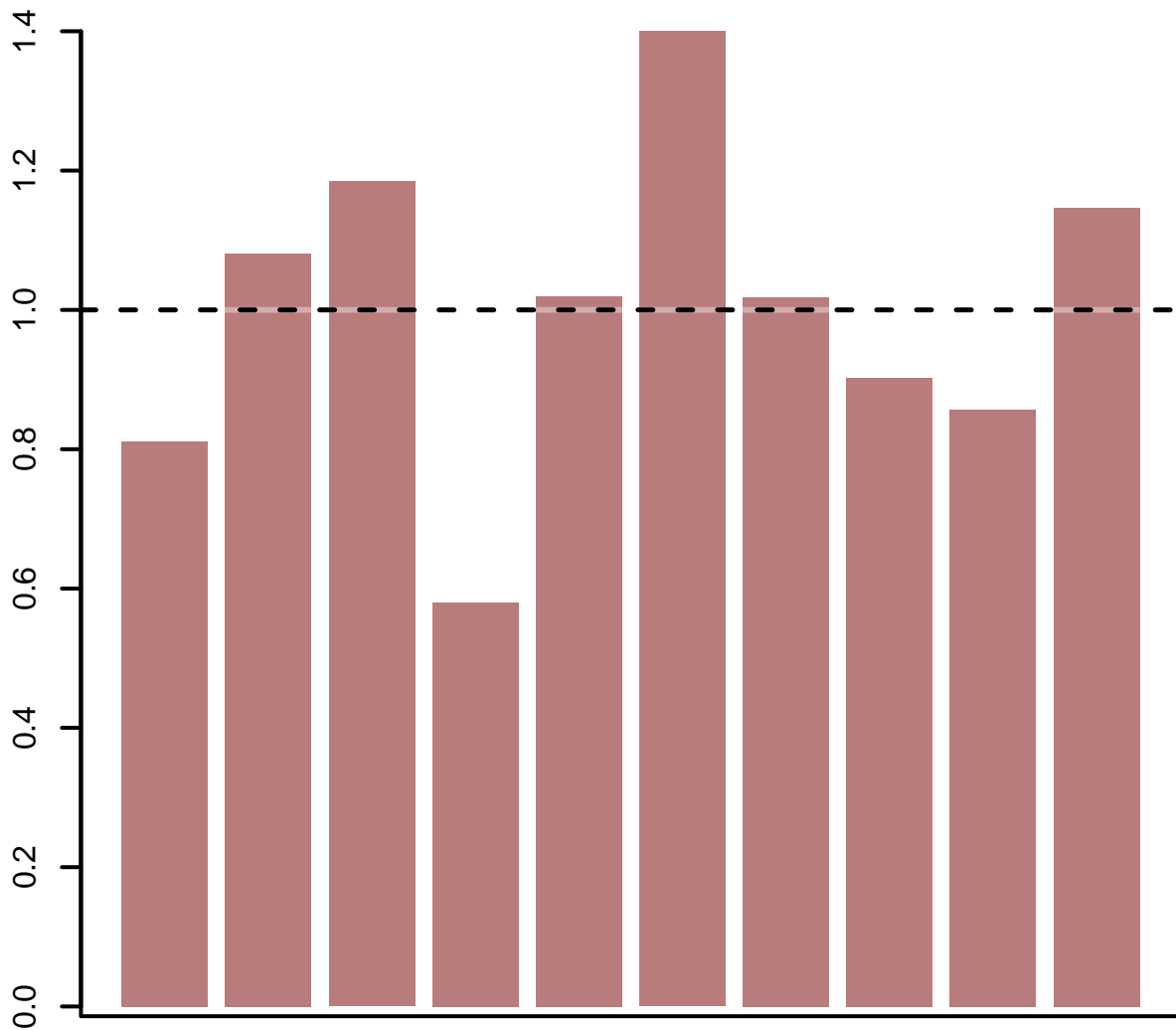


Predictive density for series1

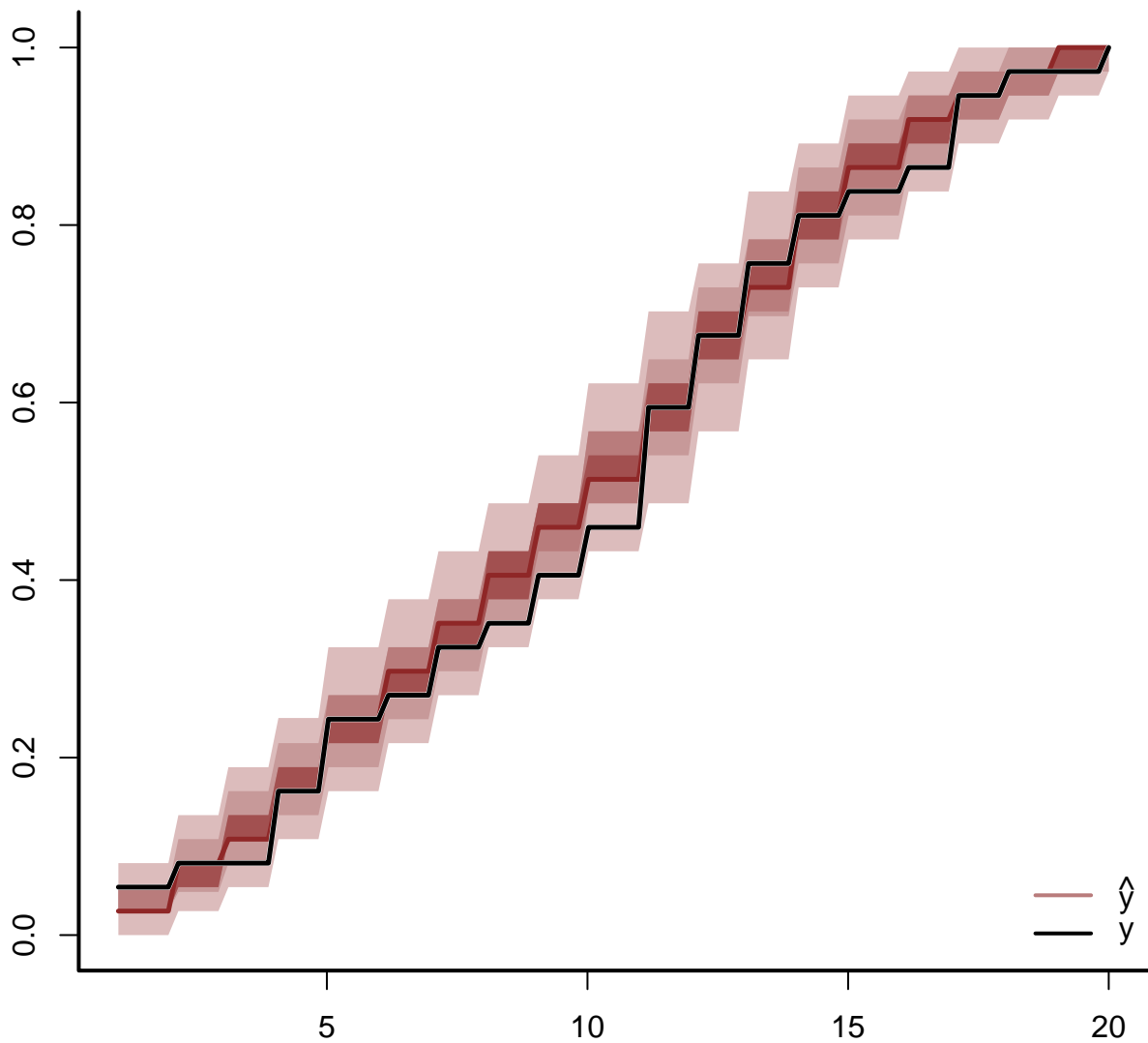


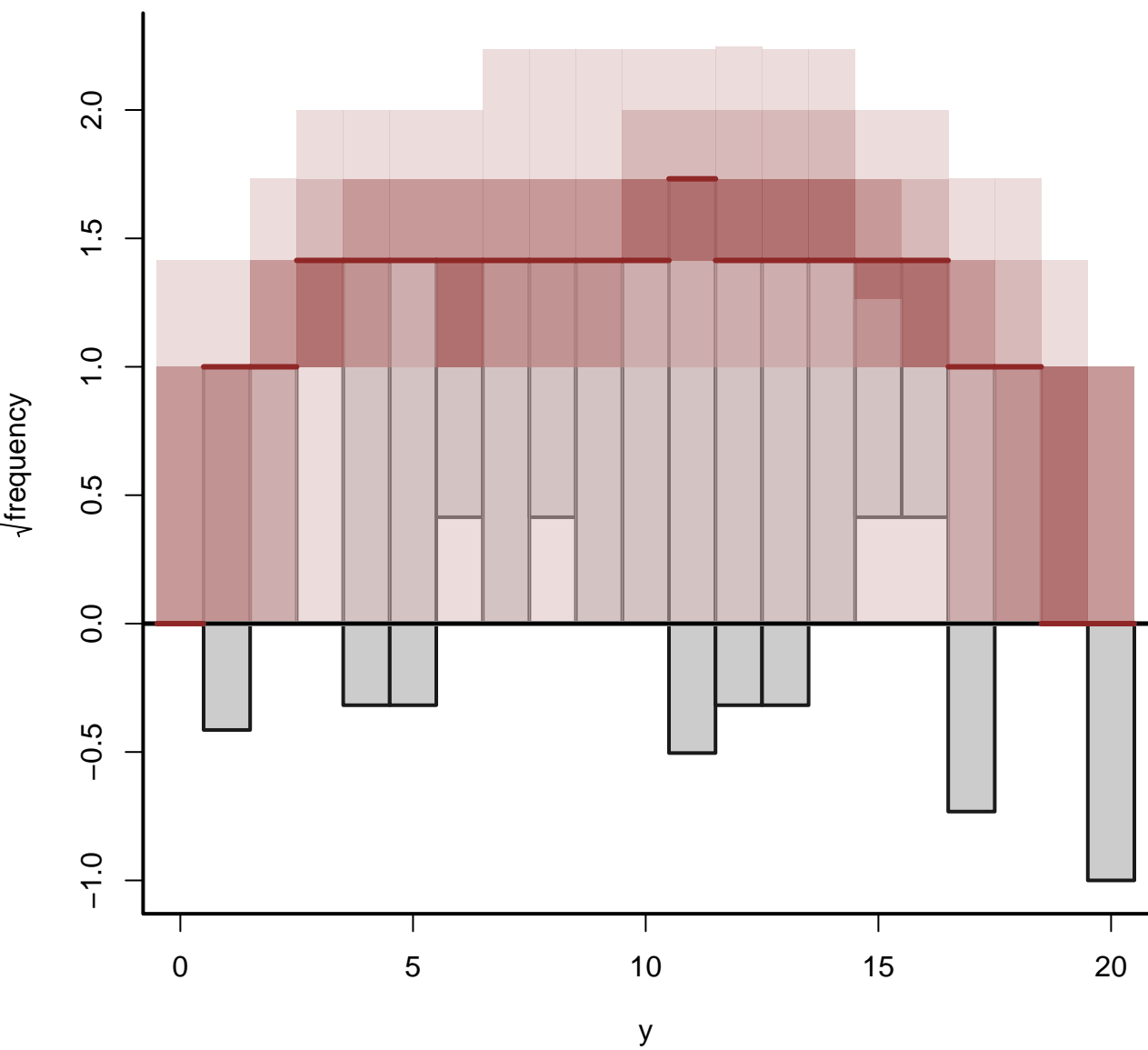




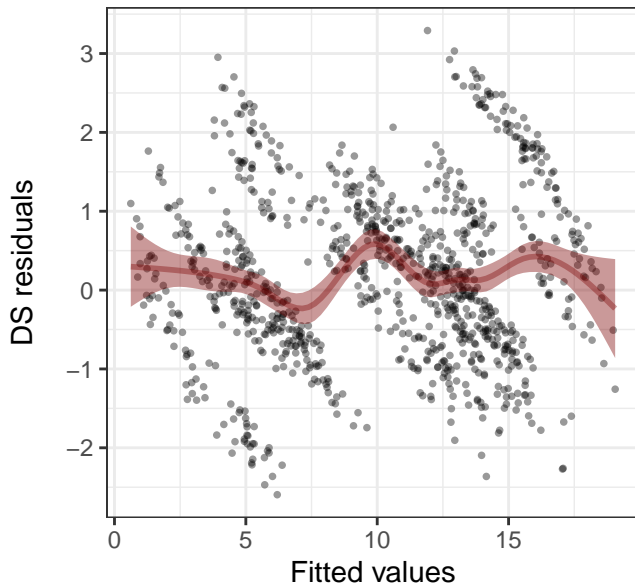
Predictive PIT for series1

Predictive CDF for series1

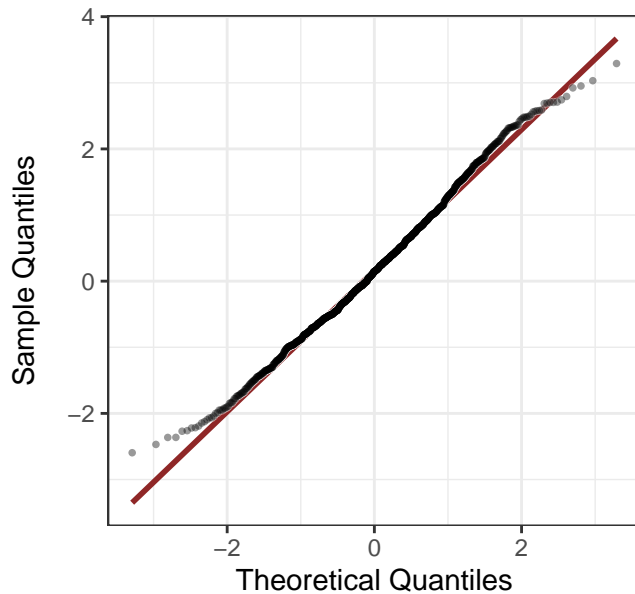




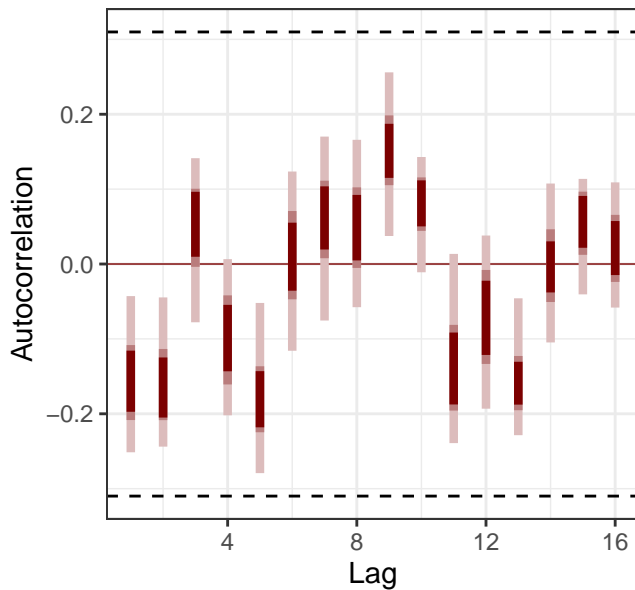
Resids vs Fitted



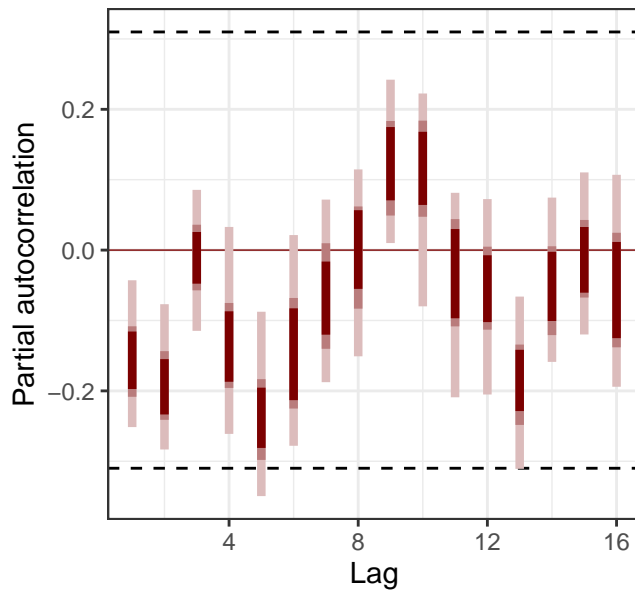
Normal Q-Q Plot

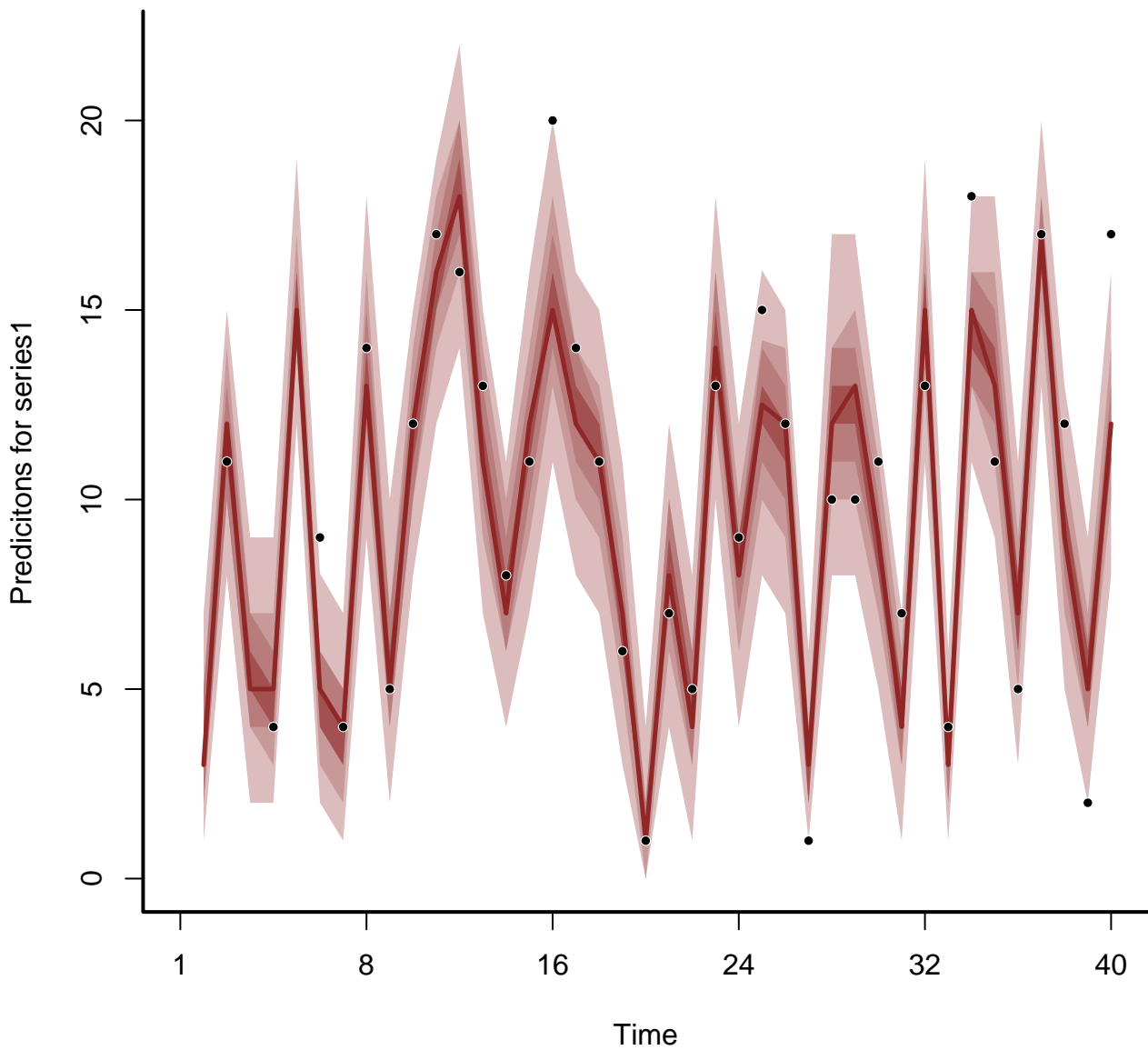


ACF

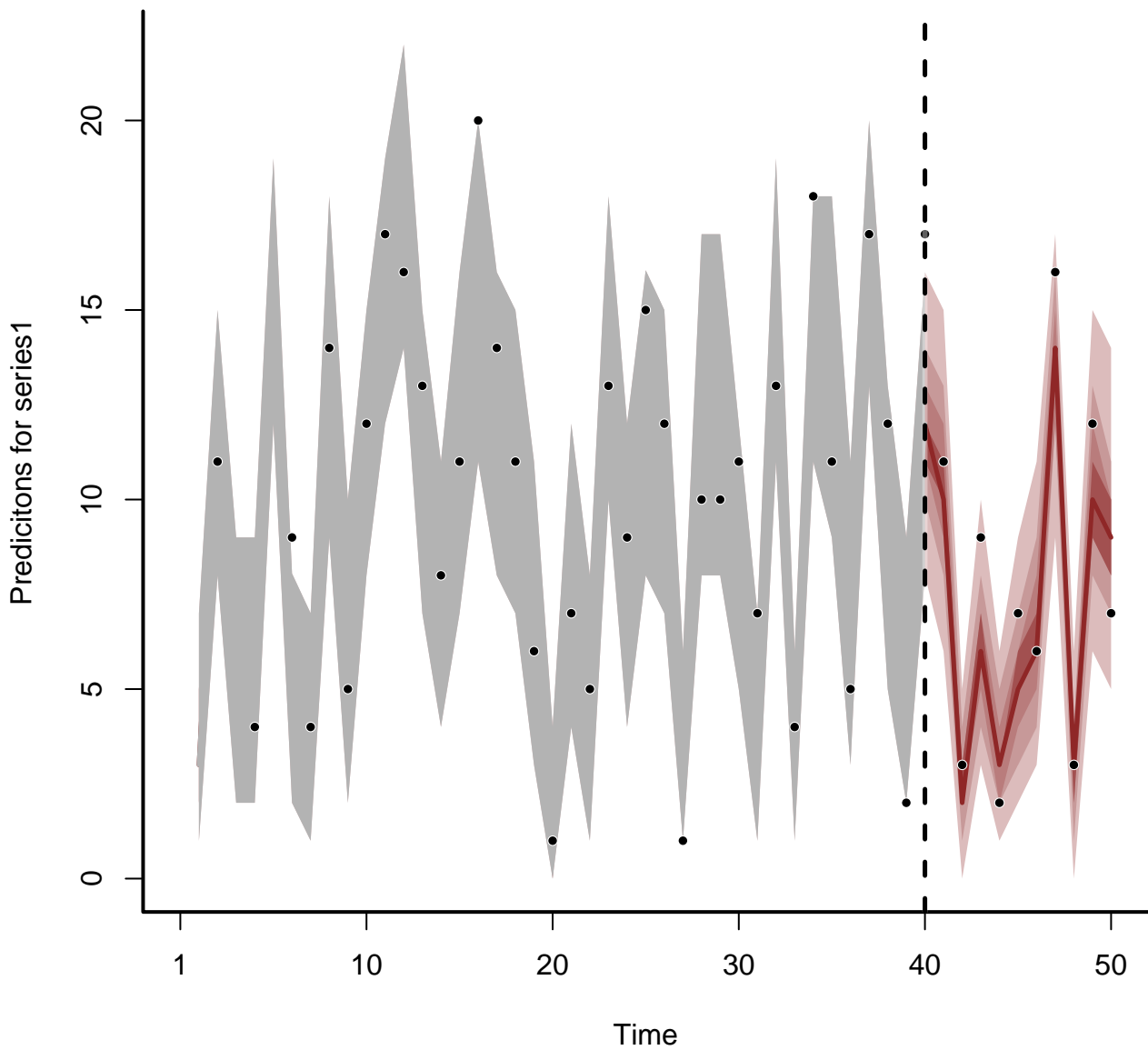


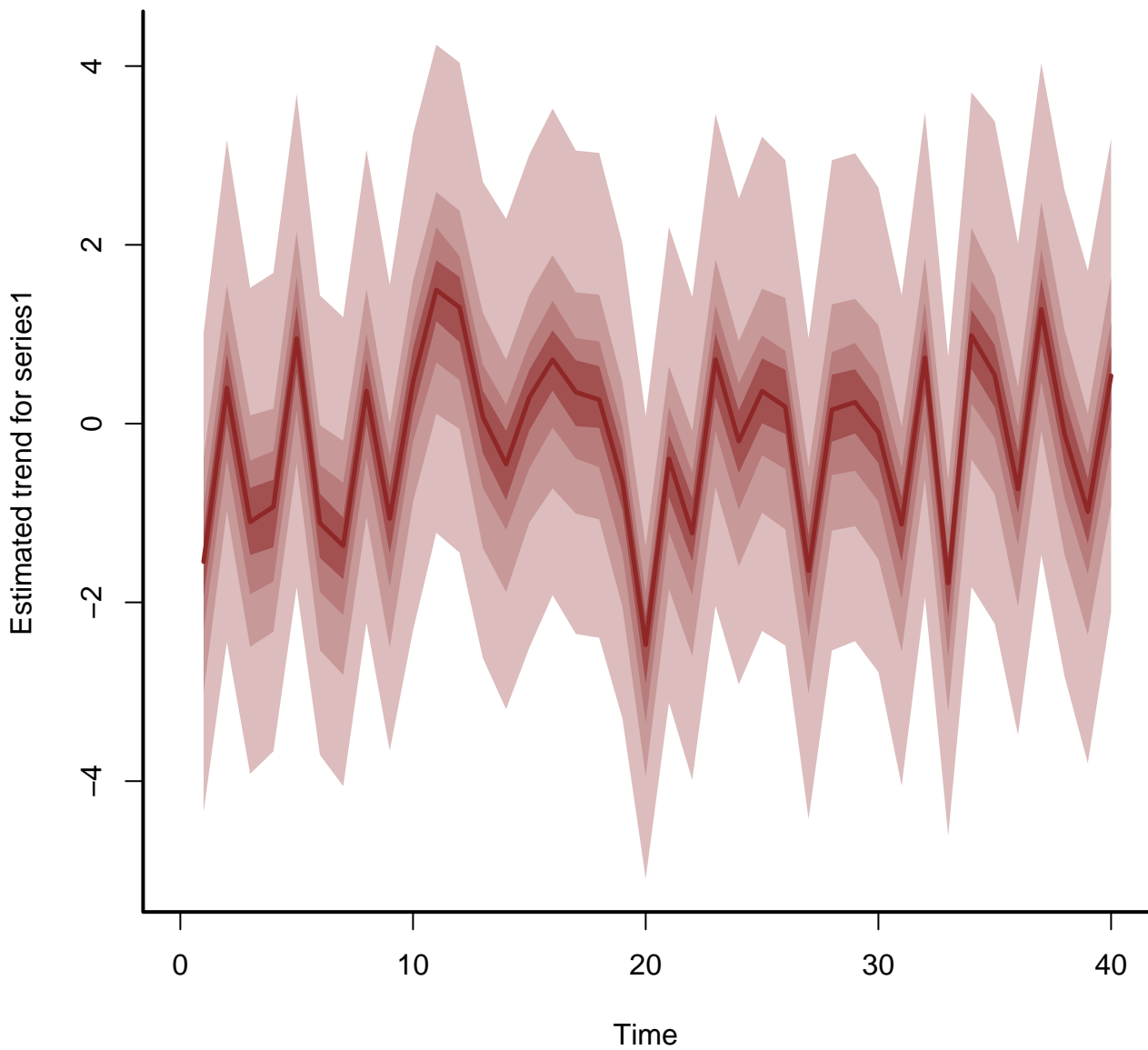
pACF

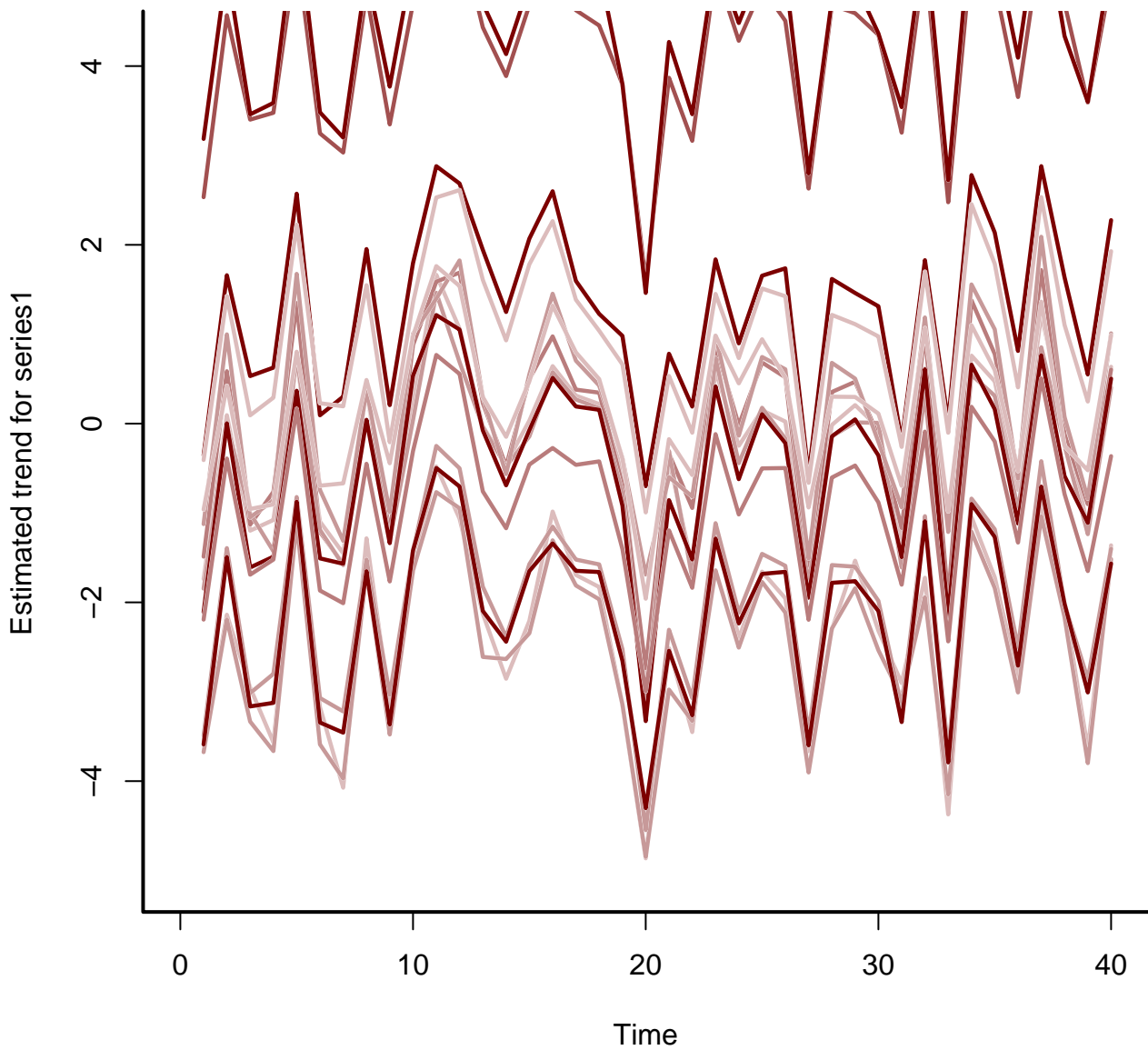


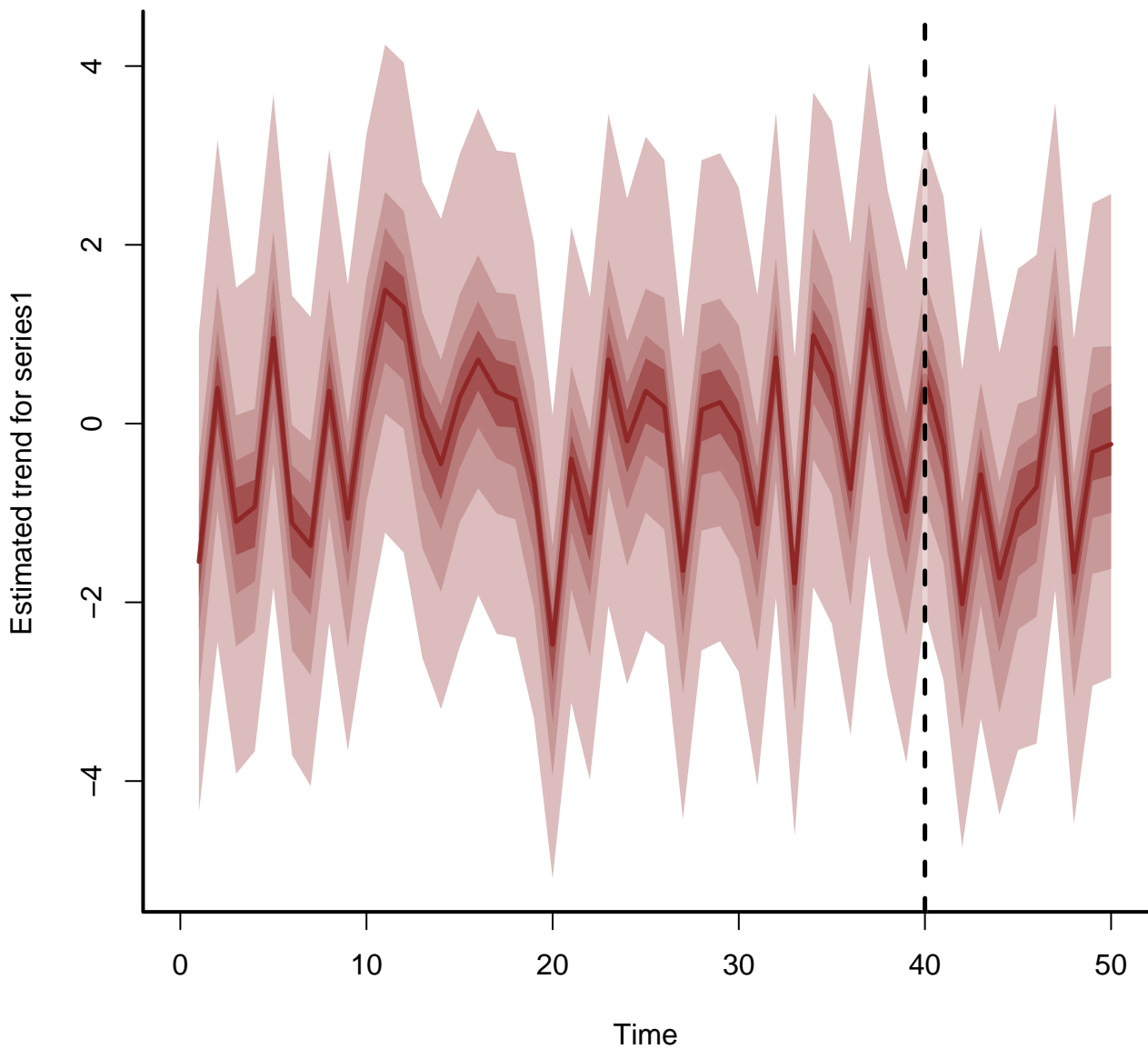




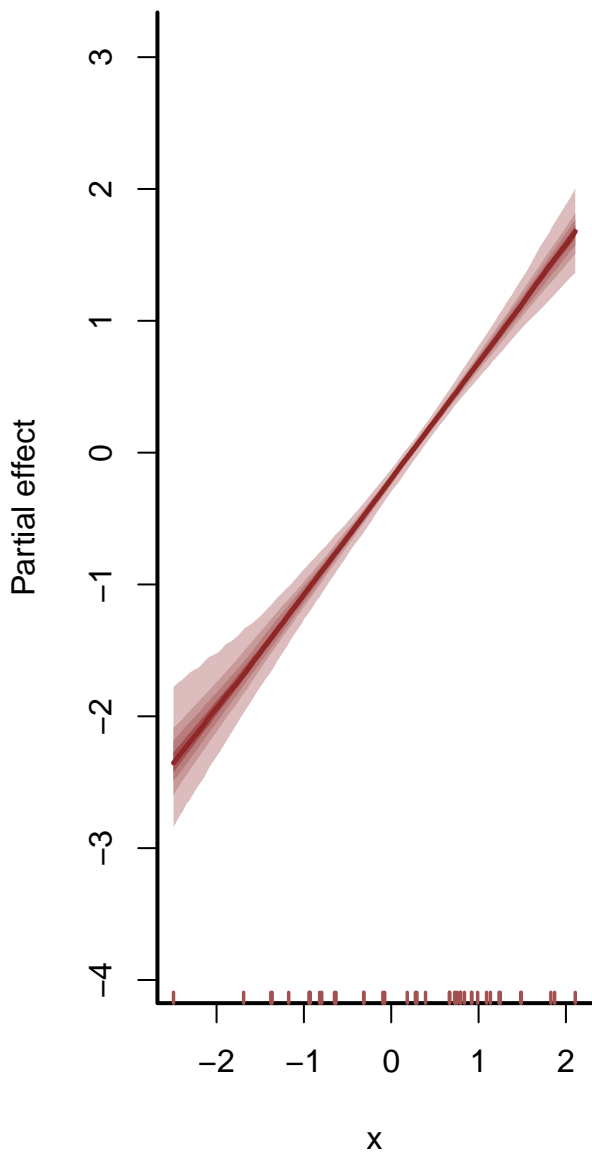




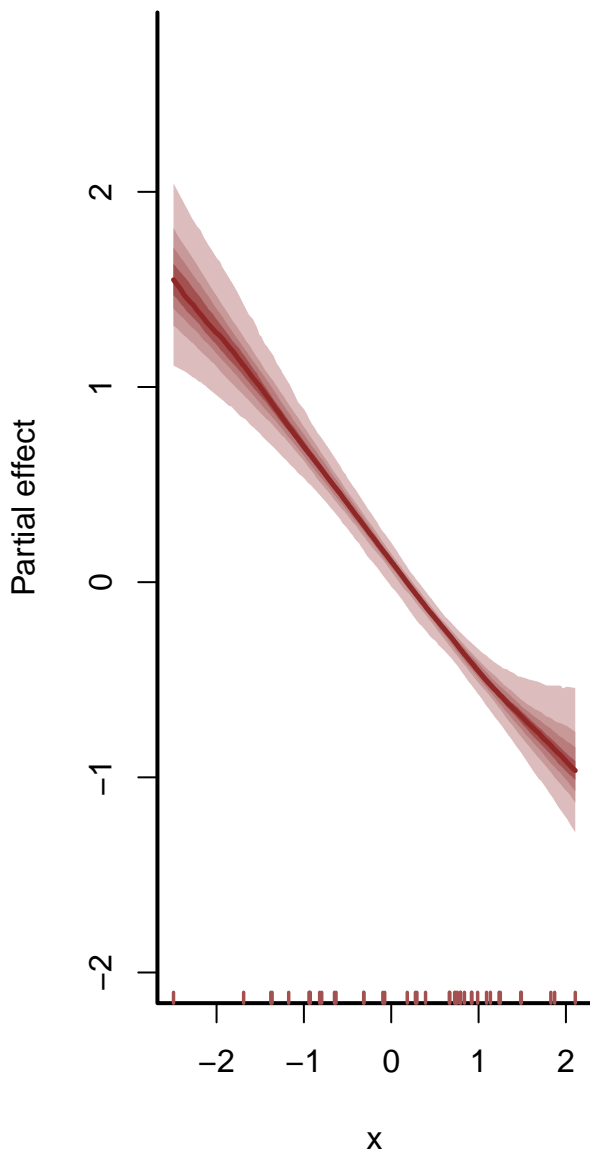




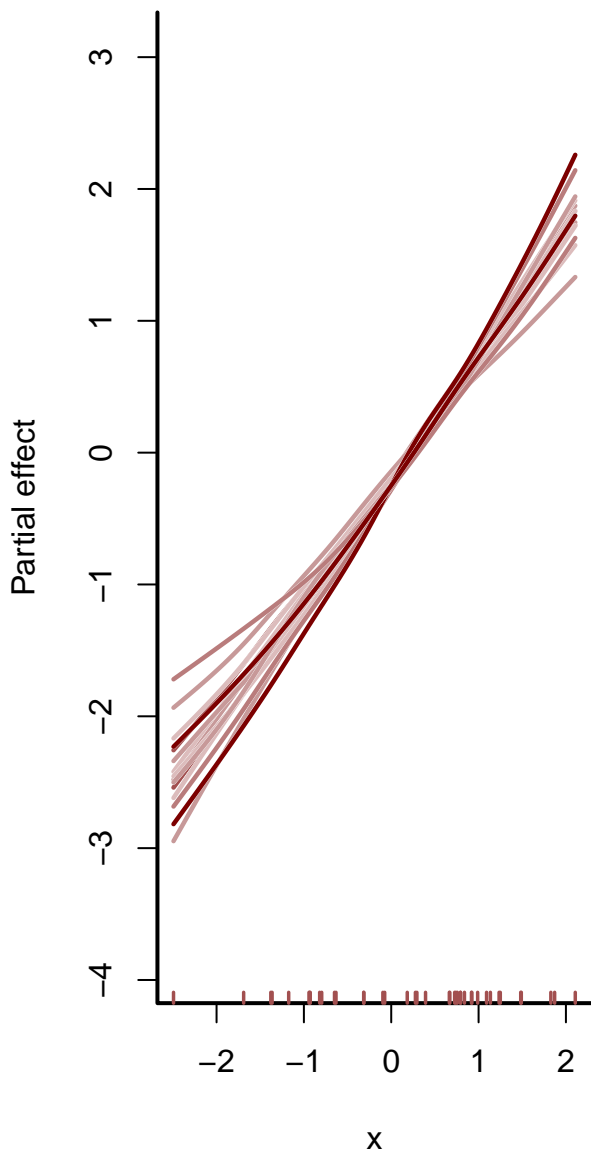
**s(x):trendtrend1**



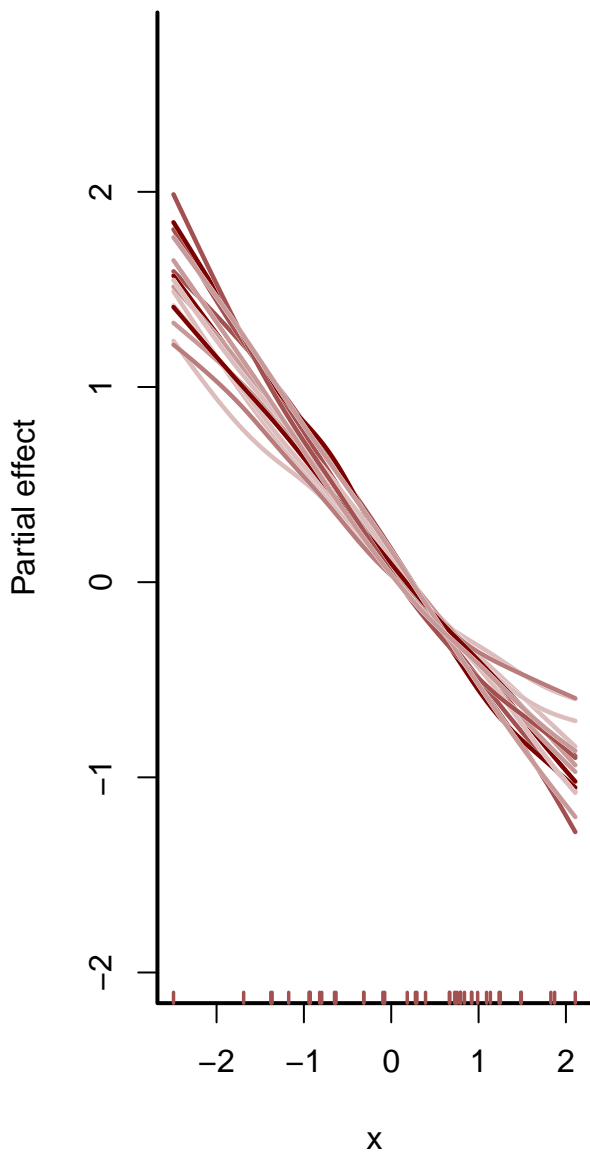
**s(x):trendtrend2**



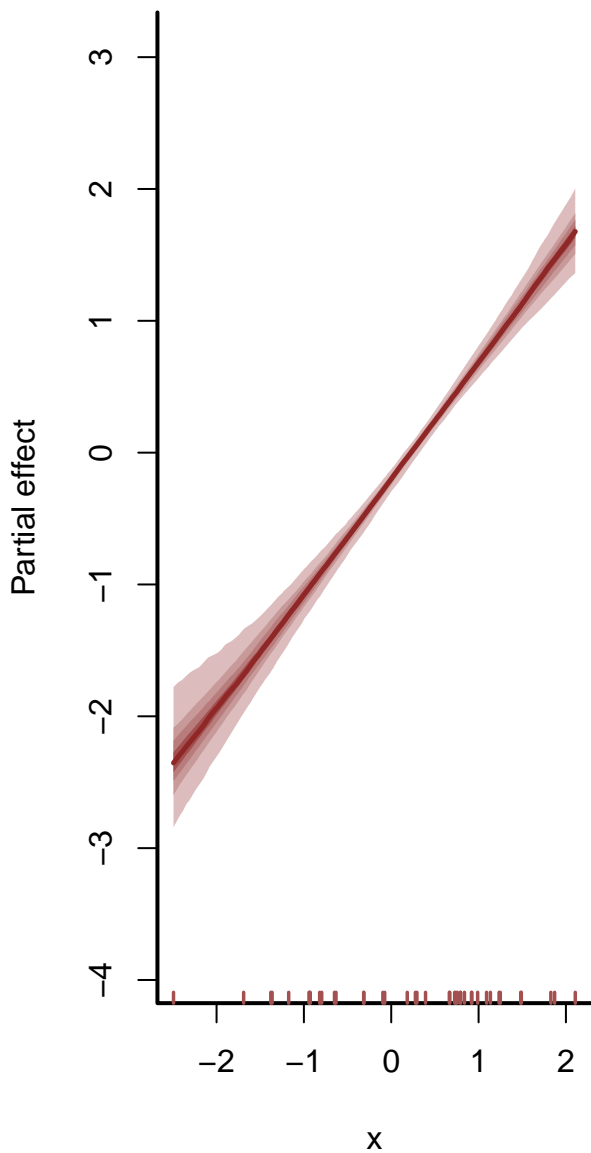
**s(x):trendtrend1**



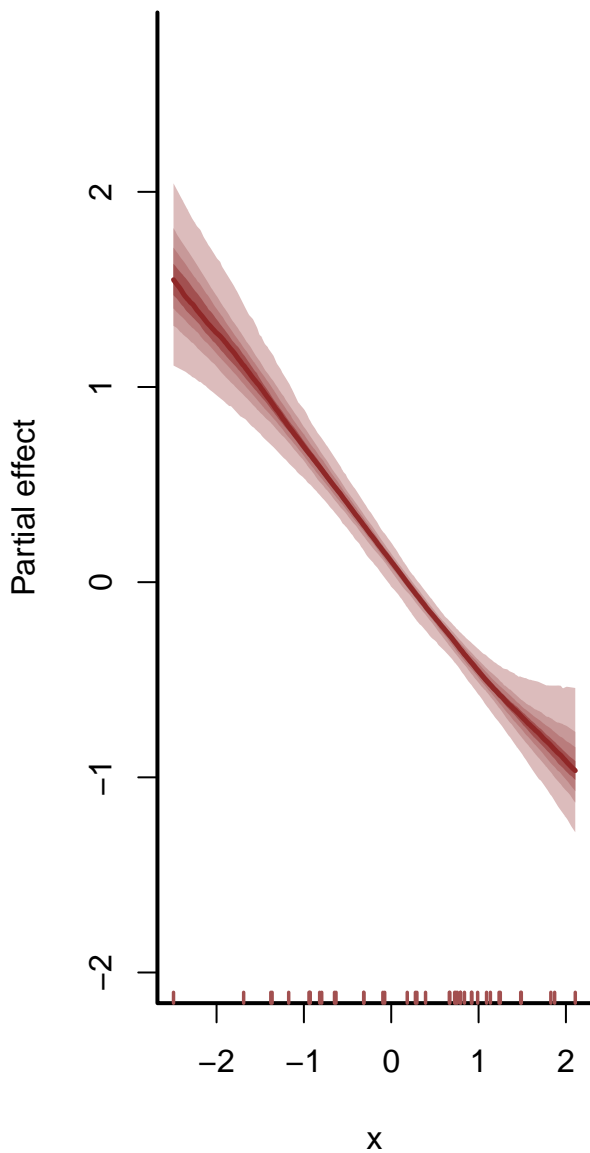
**s(x):trendtrend2**



**s(x):trendtrend1**



**s(x):trendtrend2**



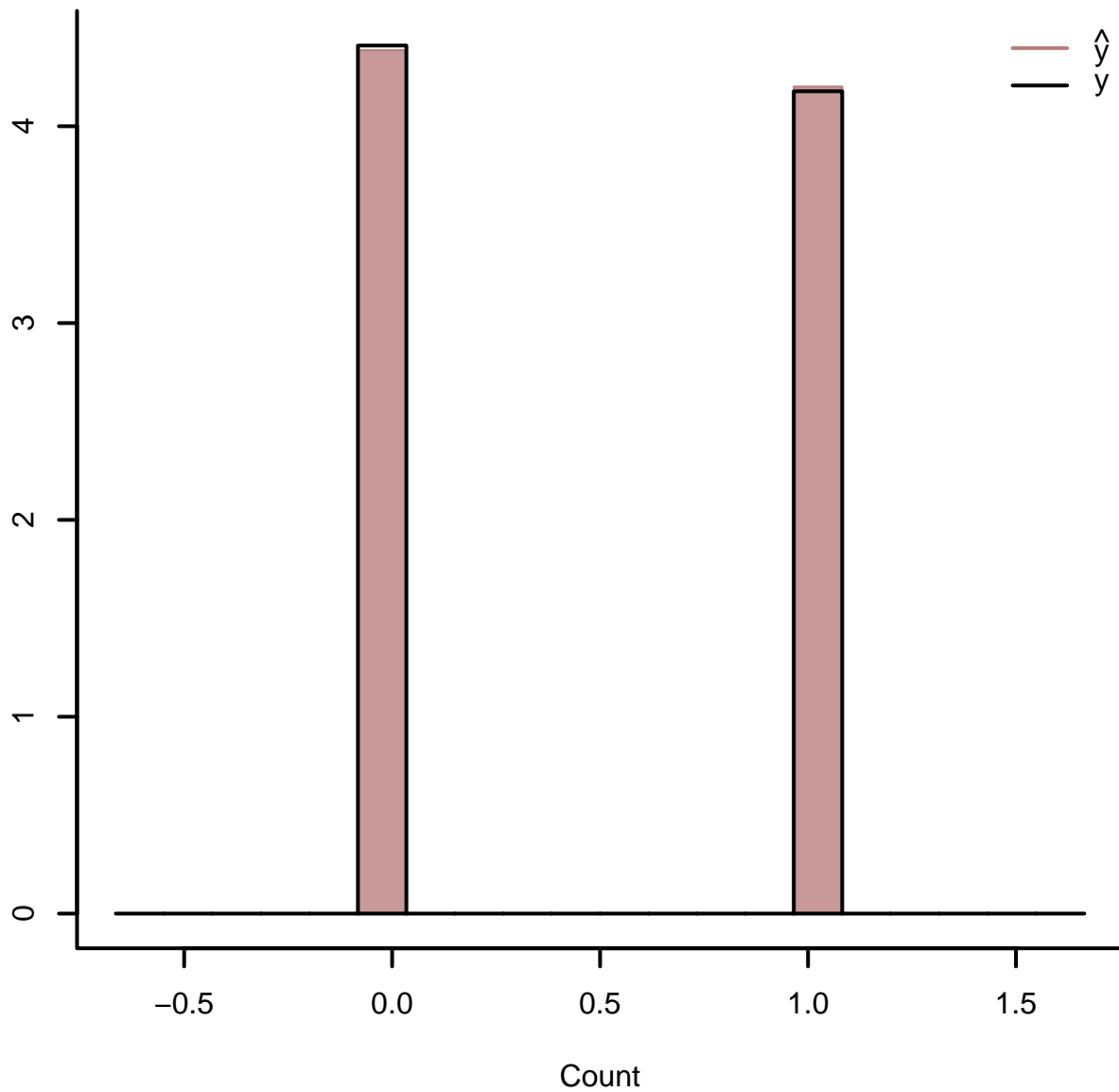
series

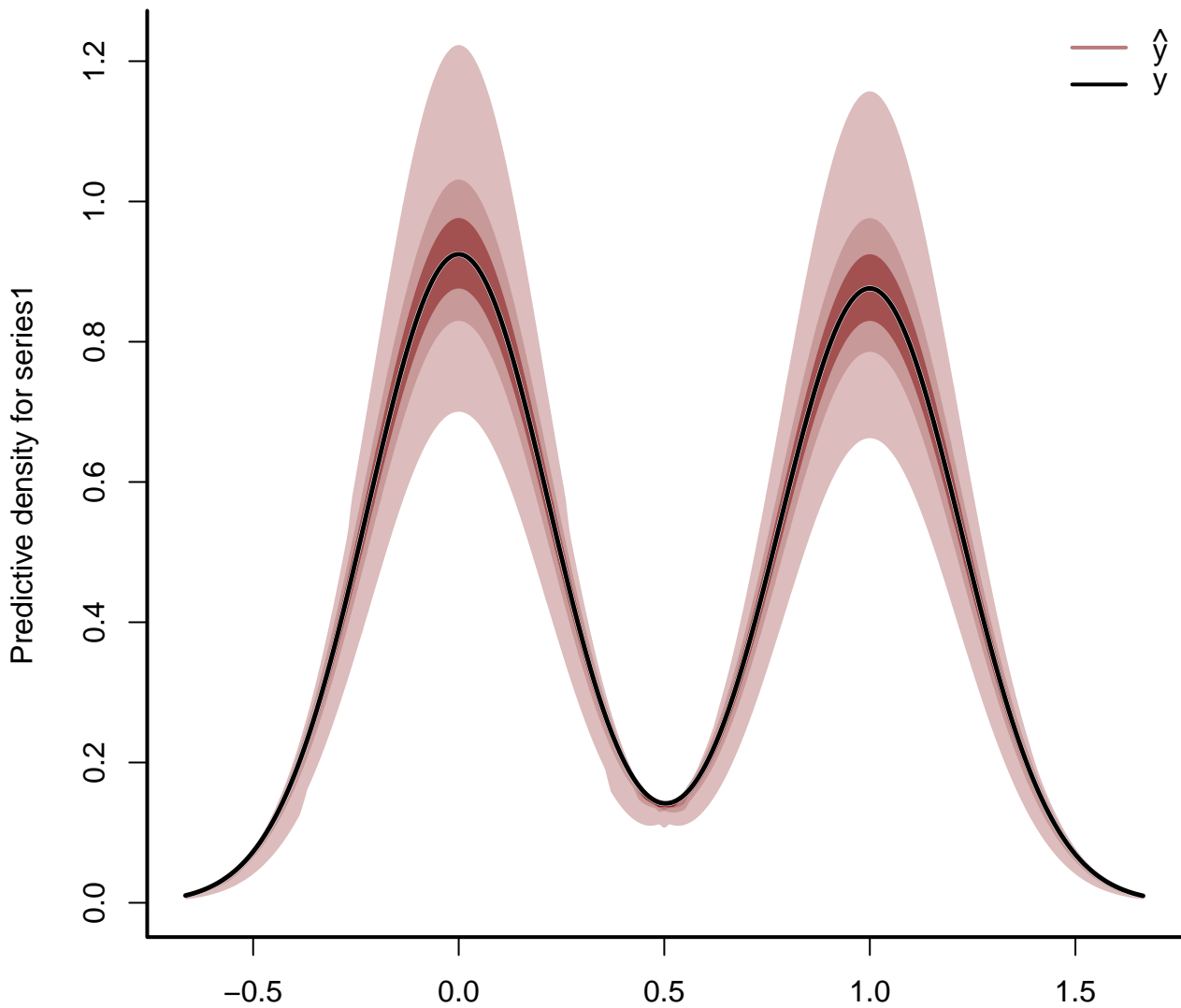
Partial effect

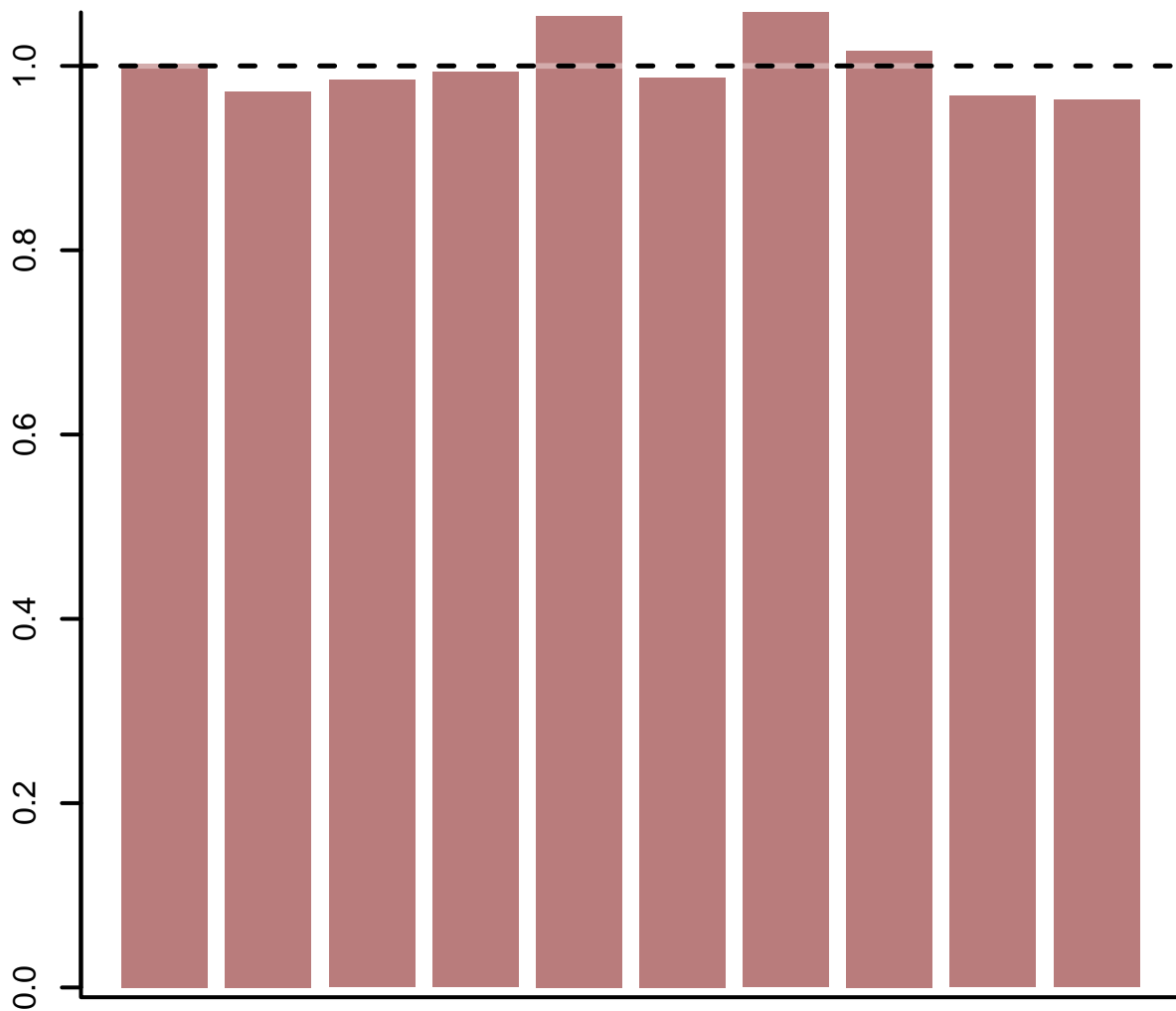
0.4  
0.3  
0.2  
0.1  
0.0  
-0.1  
-0.2  
-0.3





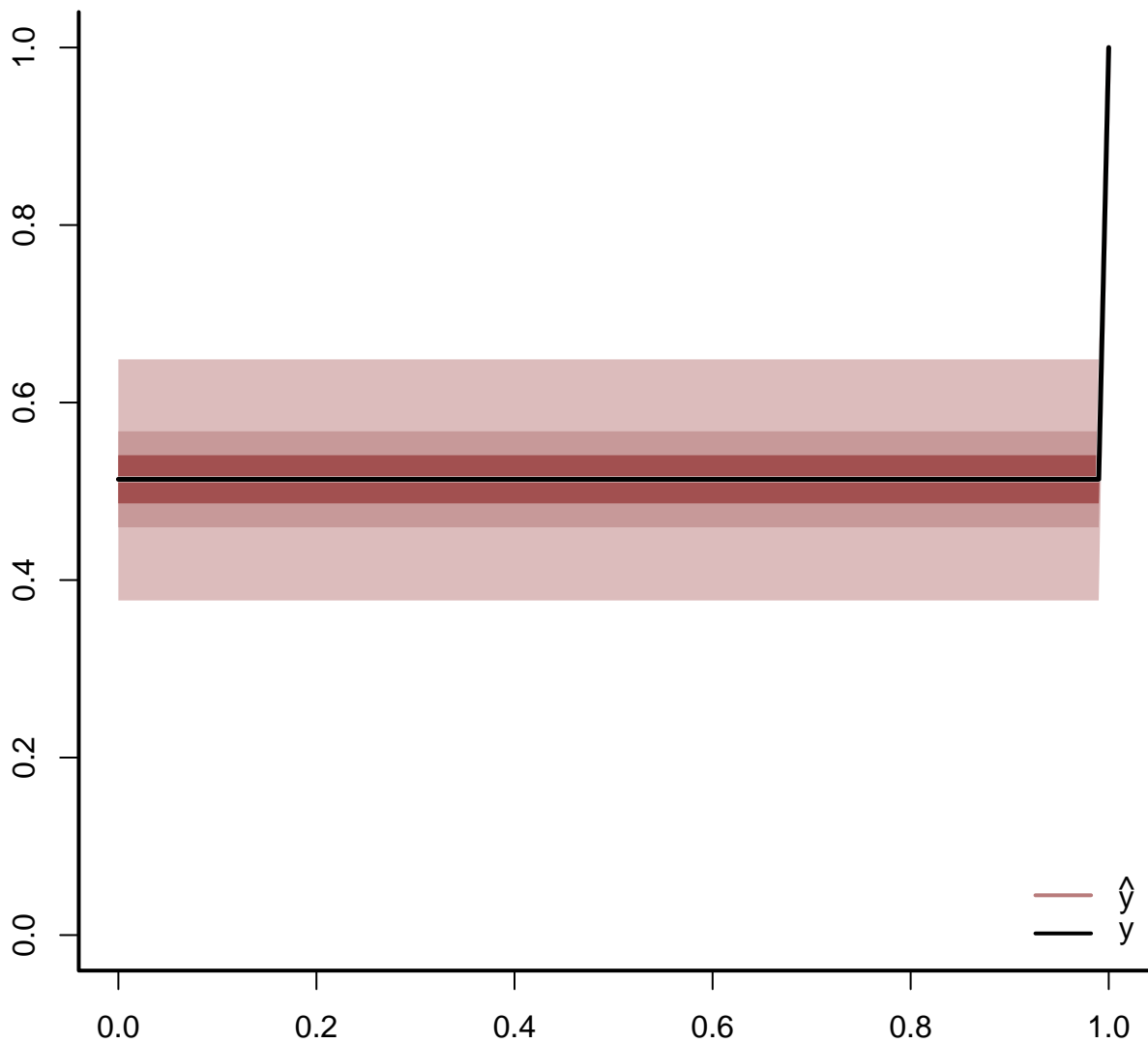




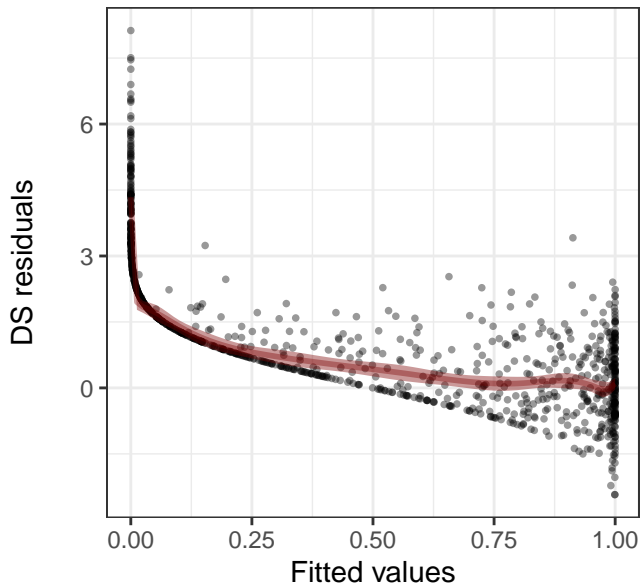


Predictive PIT for series1

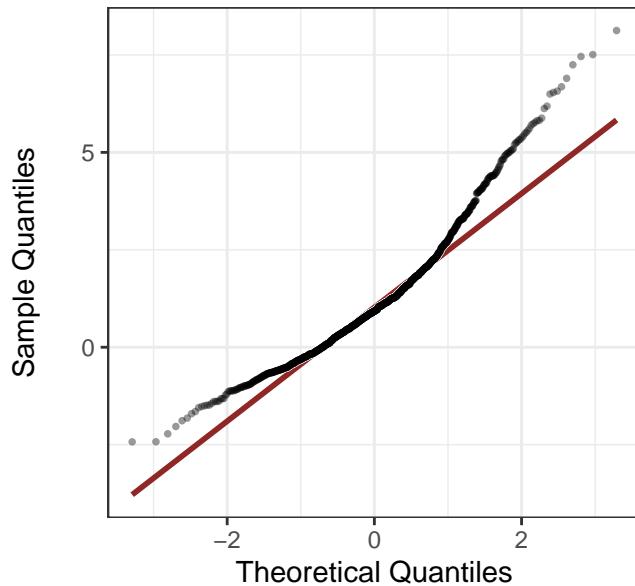
Predictive CDF for series1



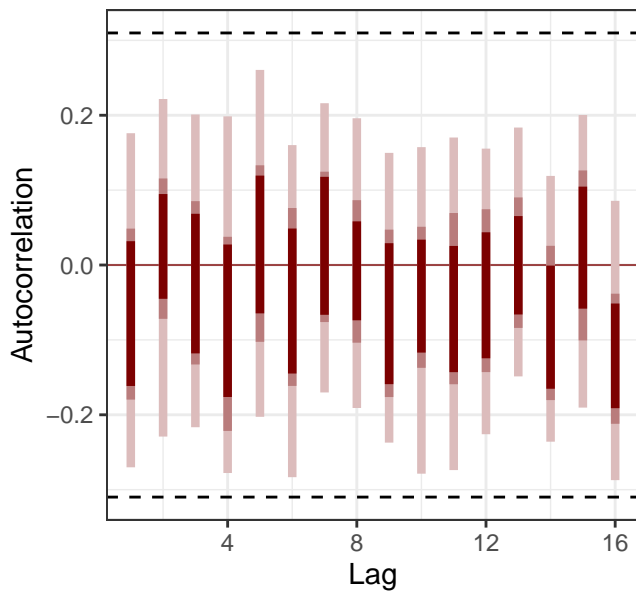
Resids vs Fitted



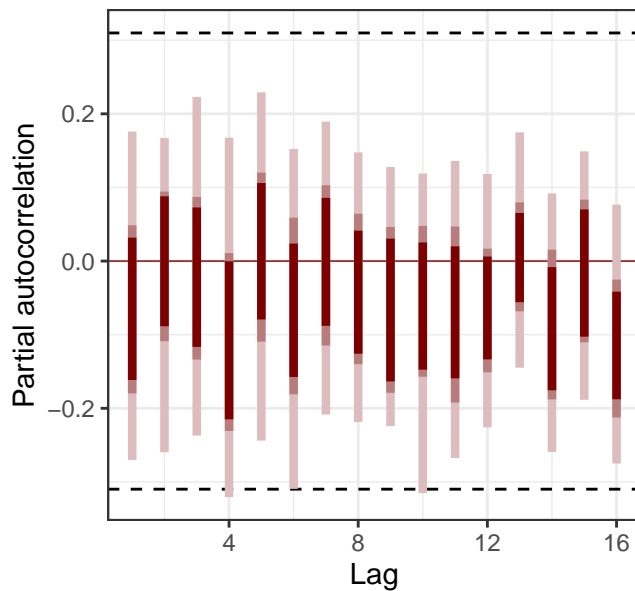
Normal Q-Q Plot

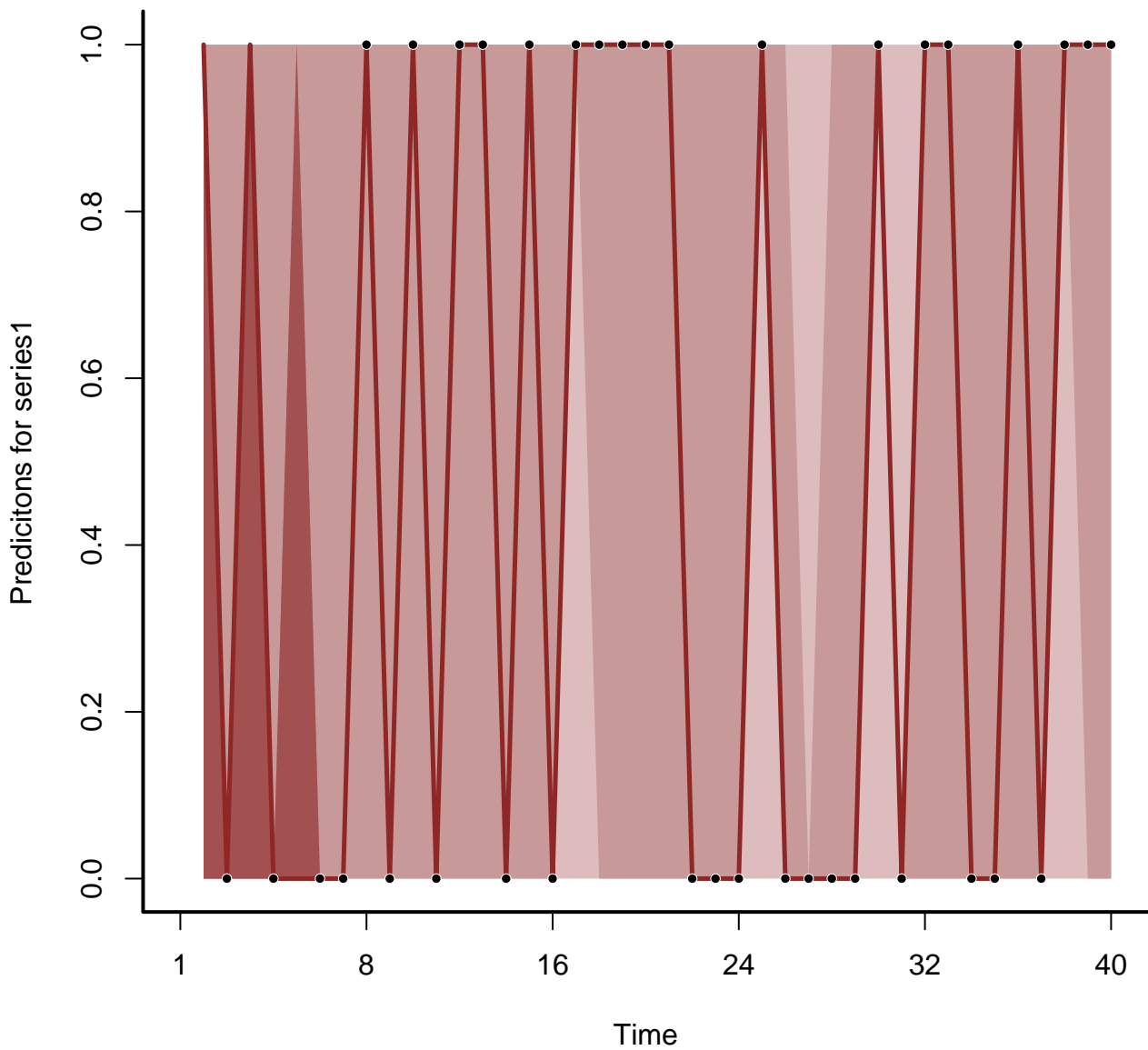


ACF

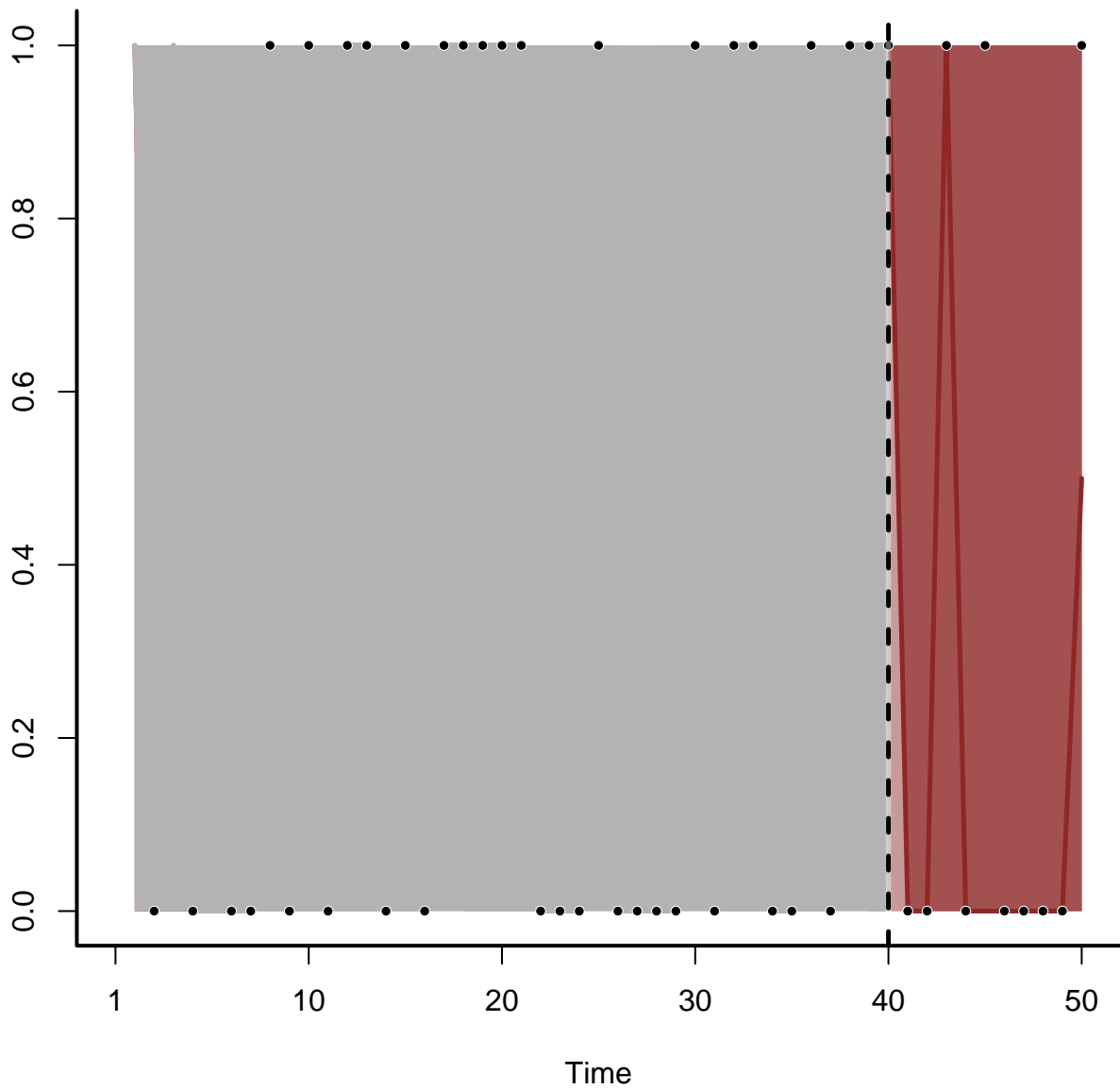


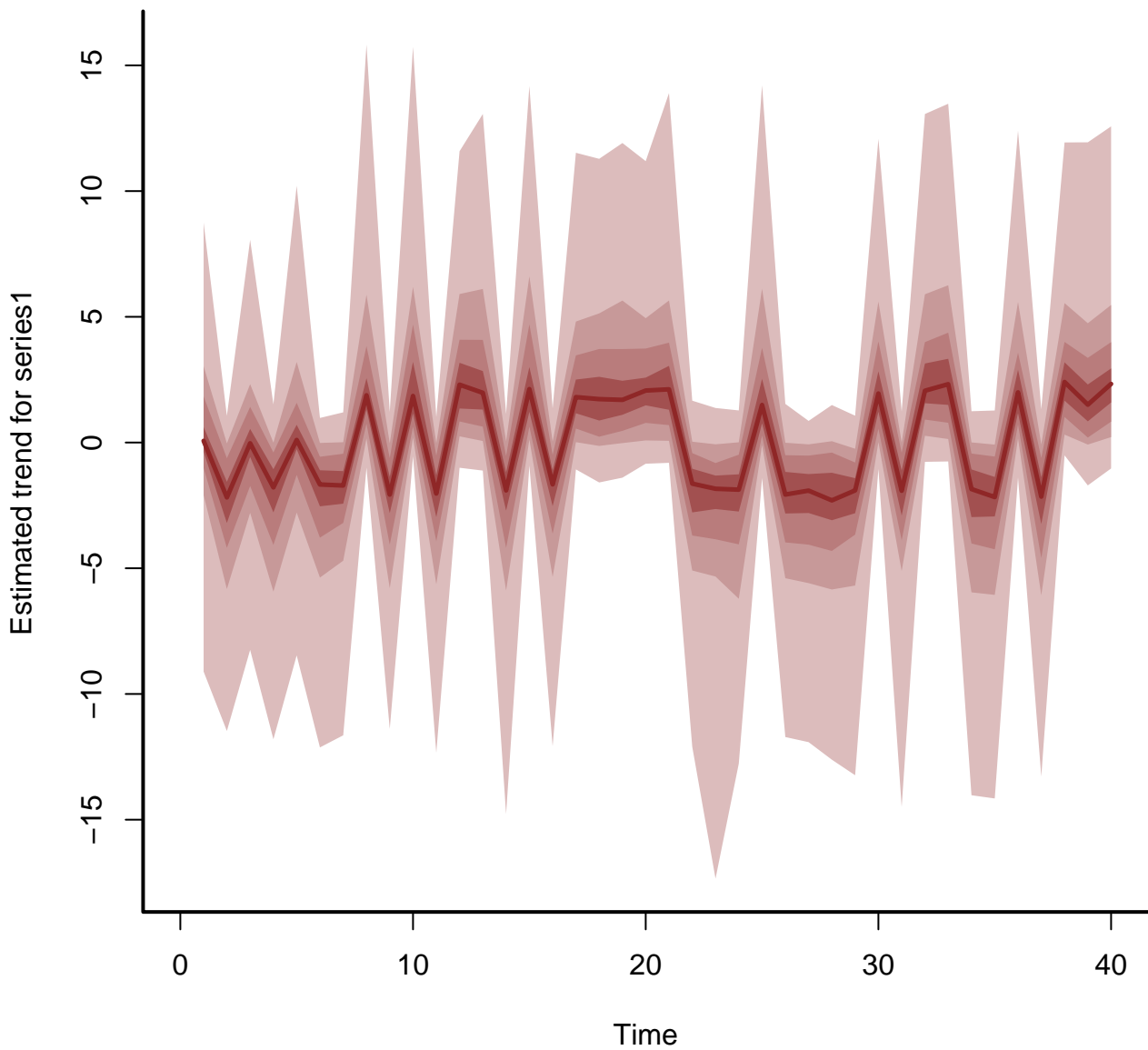
pACF



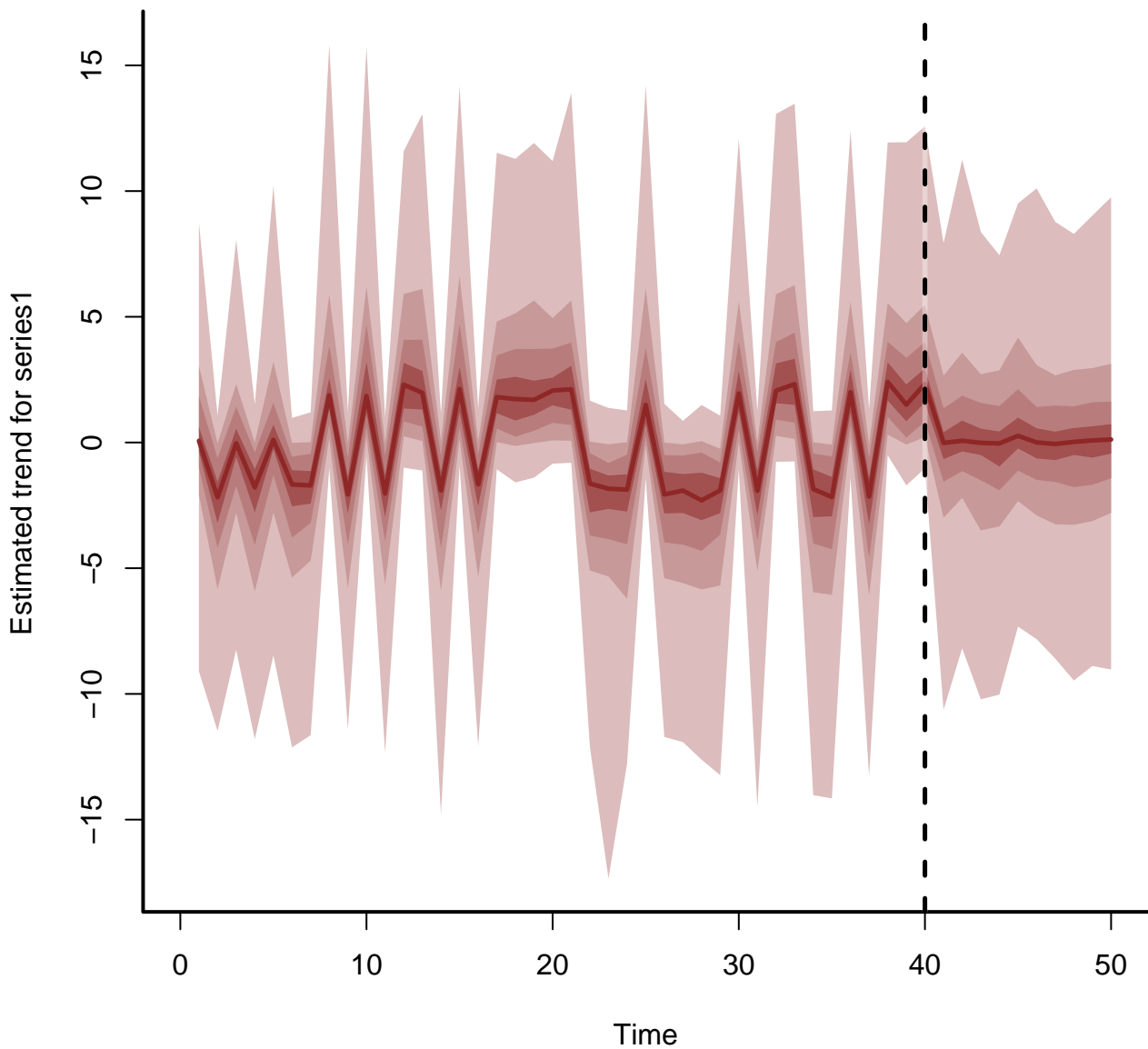


Predictions for series1









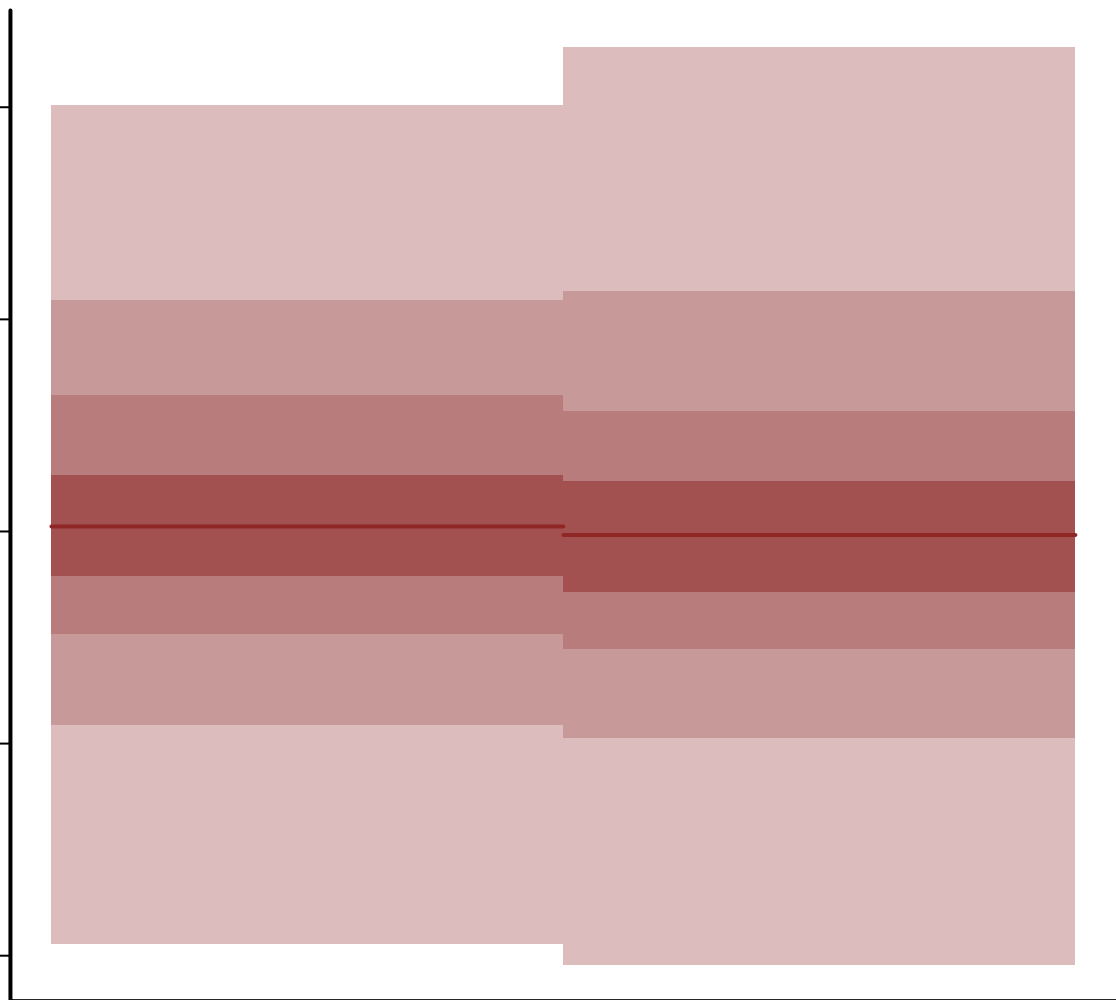
**s(series)**

Partial effect

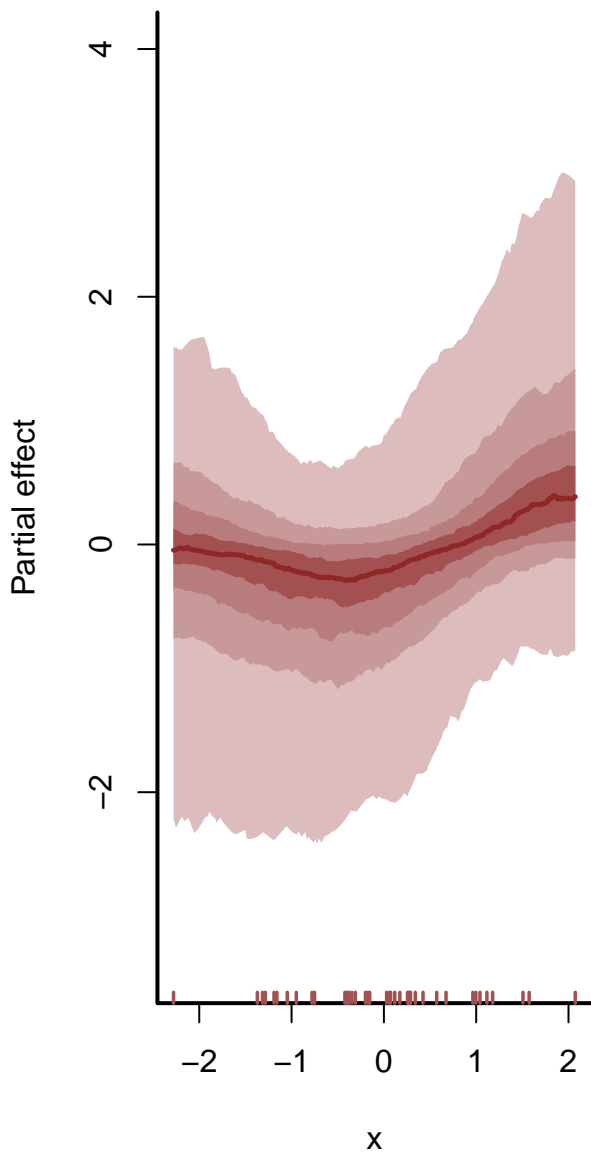
2  
1  
0  
-1  
-2

series1

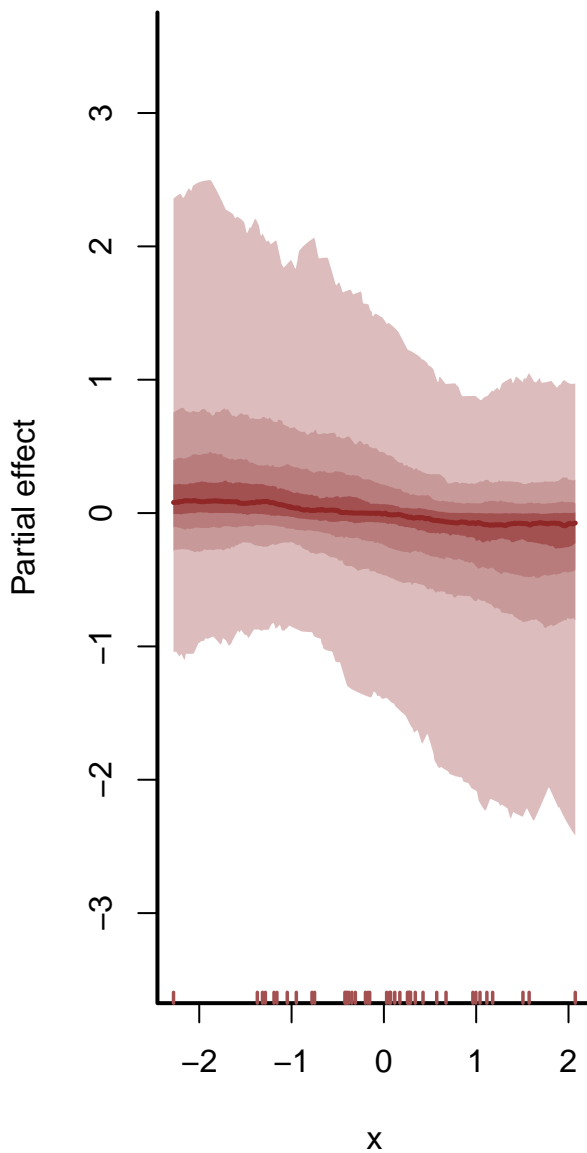
series2



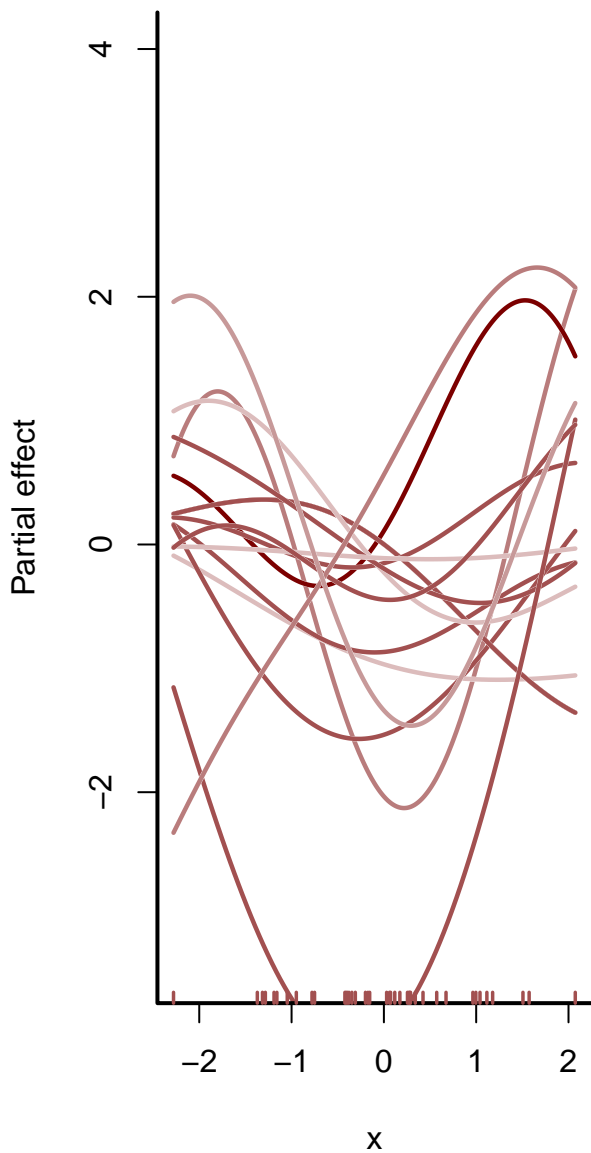
**gp(x):series1**



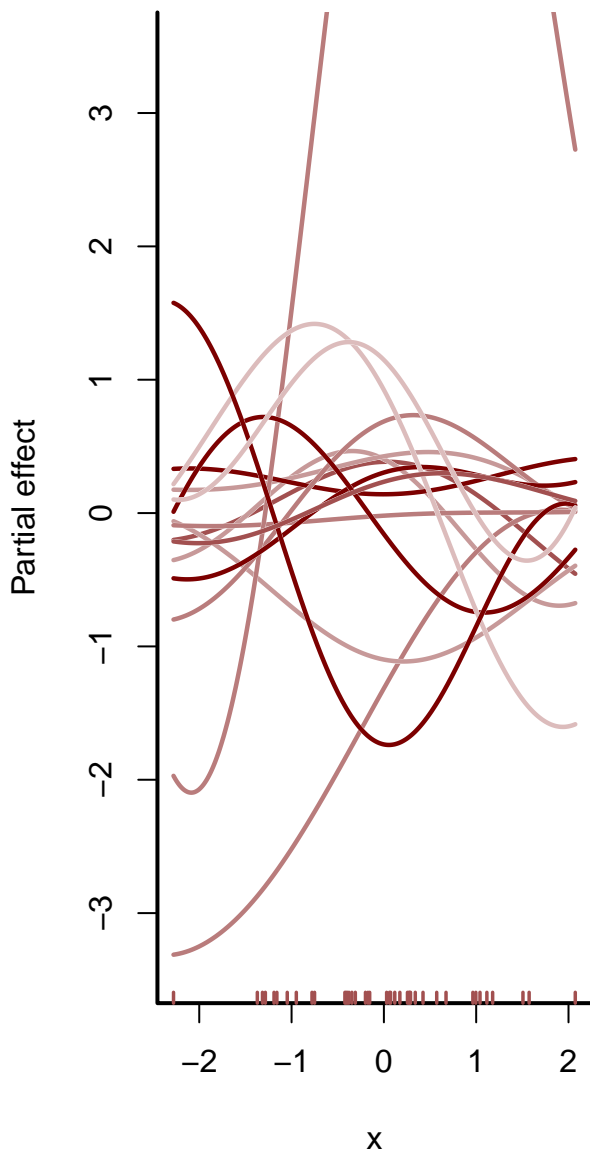
**gp(x):series2**



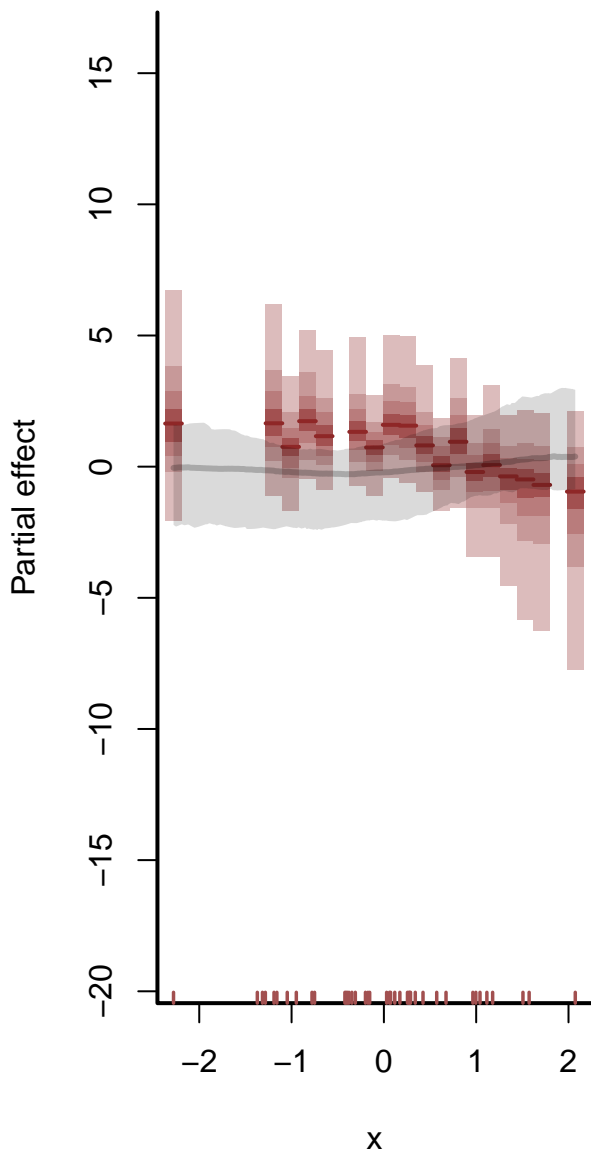
**gp(x):series1**



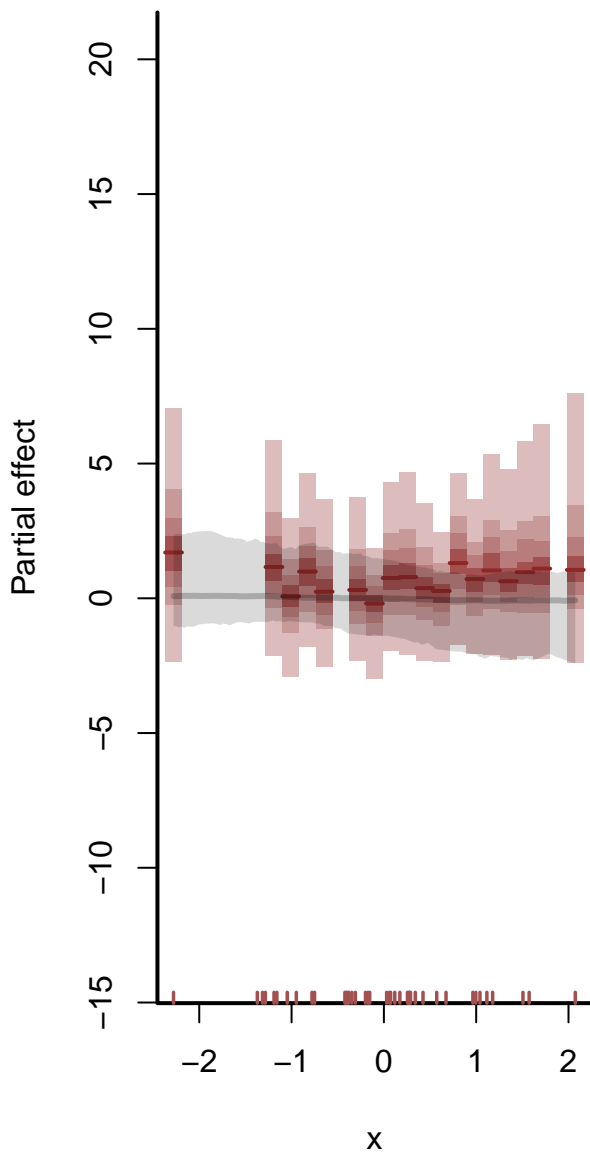
**gp(x):series2**

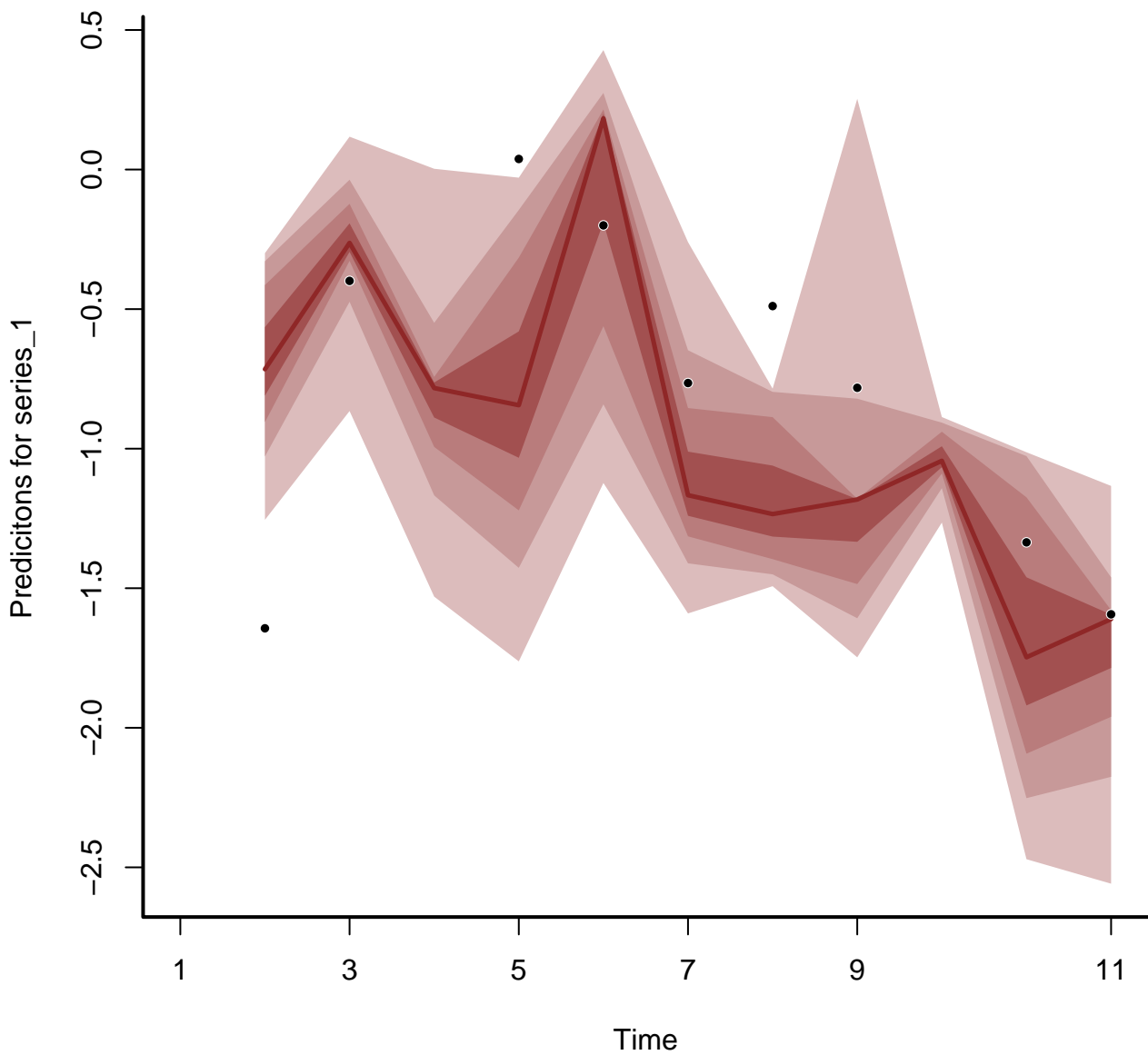


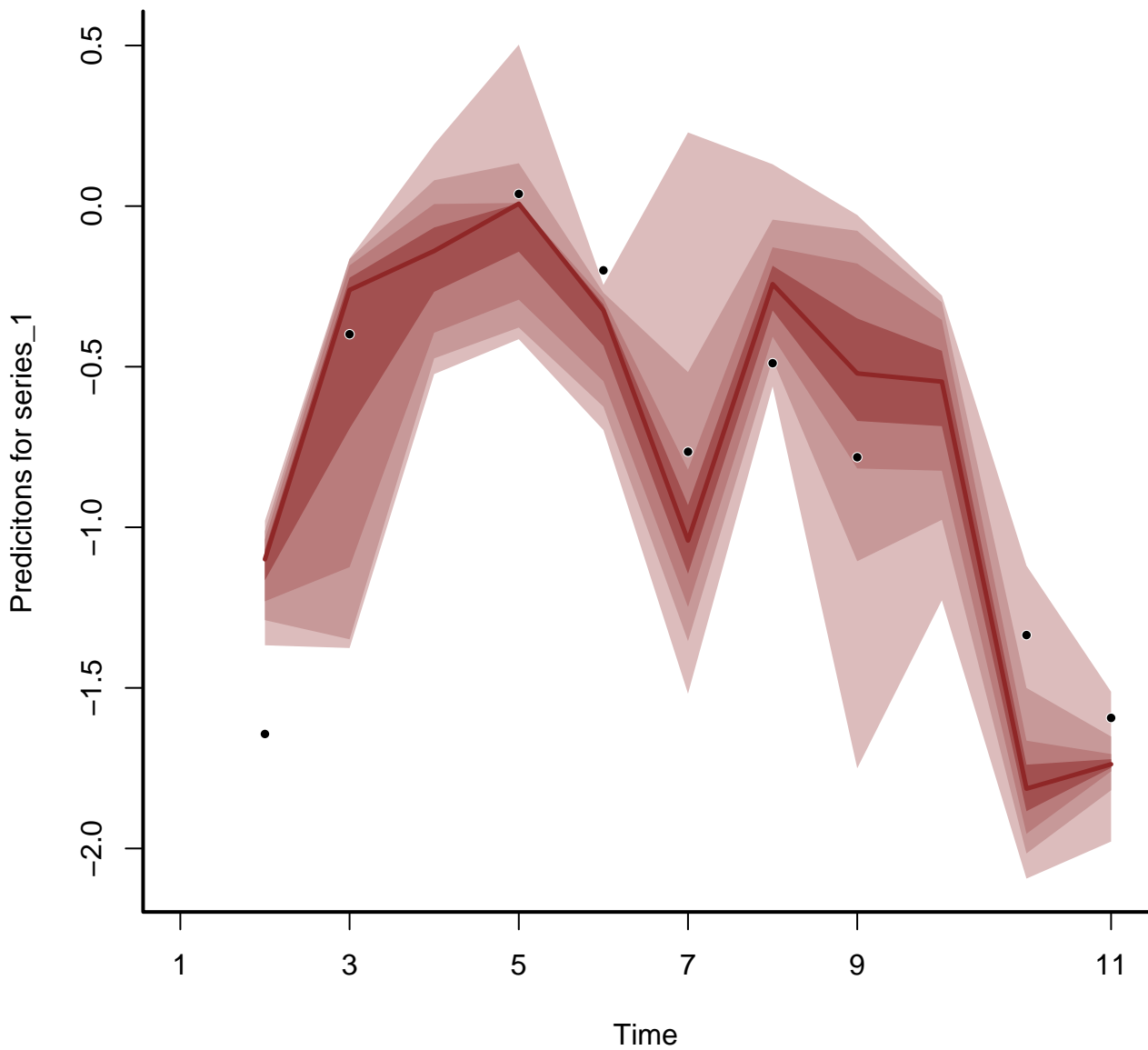
gp(x):series1

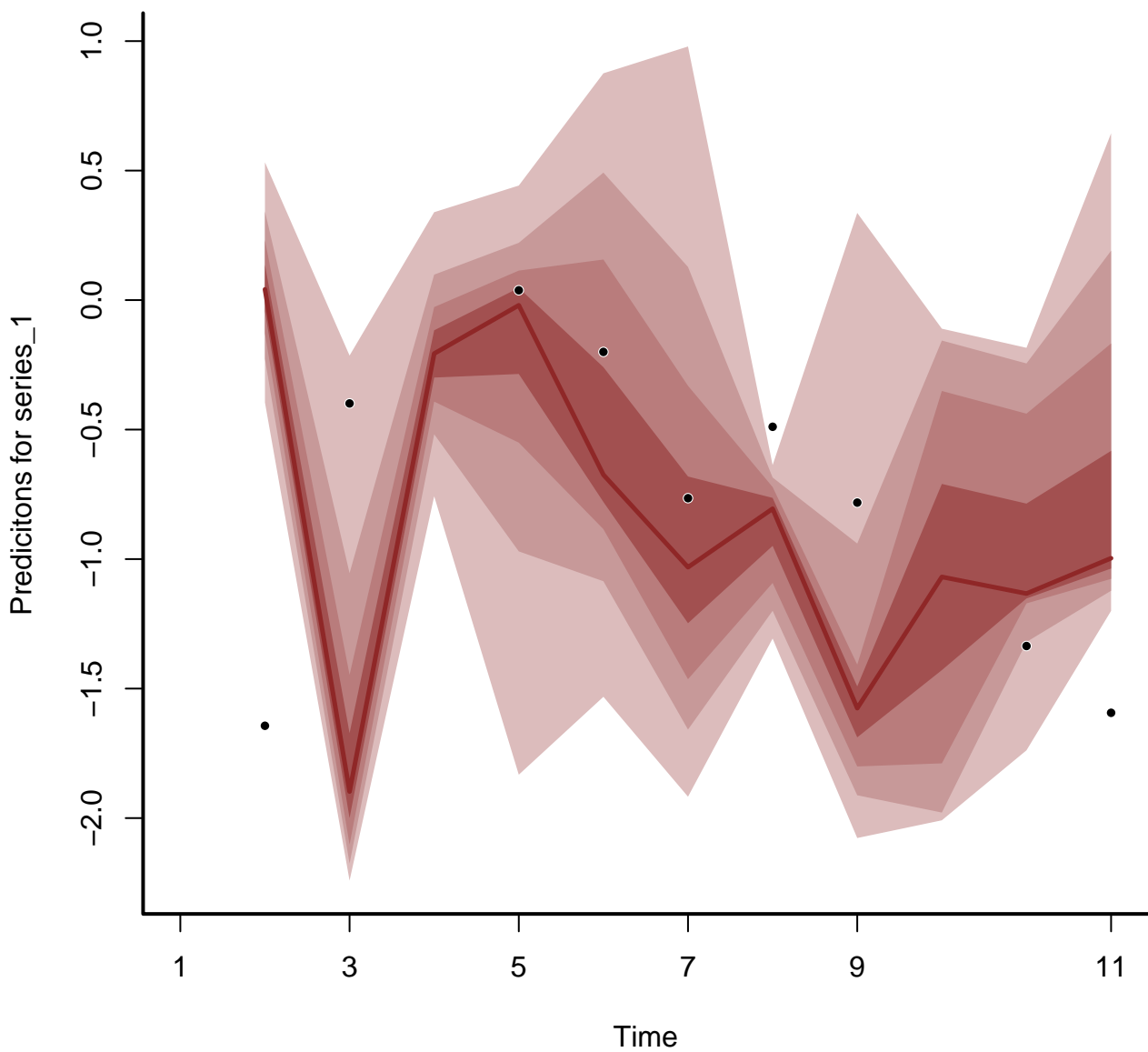


gp(x):series2



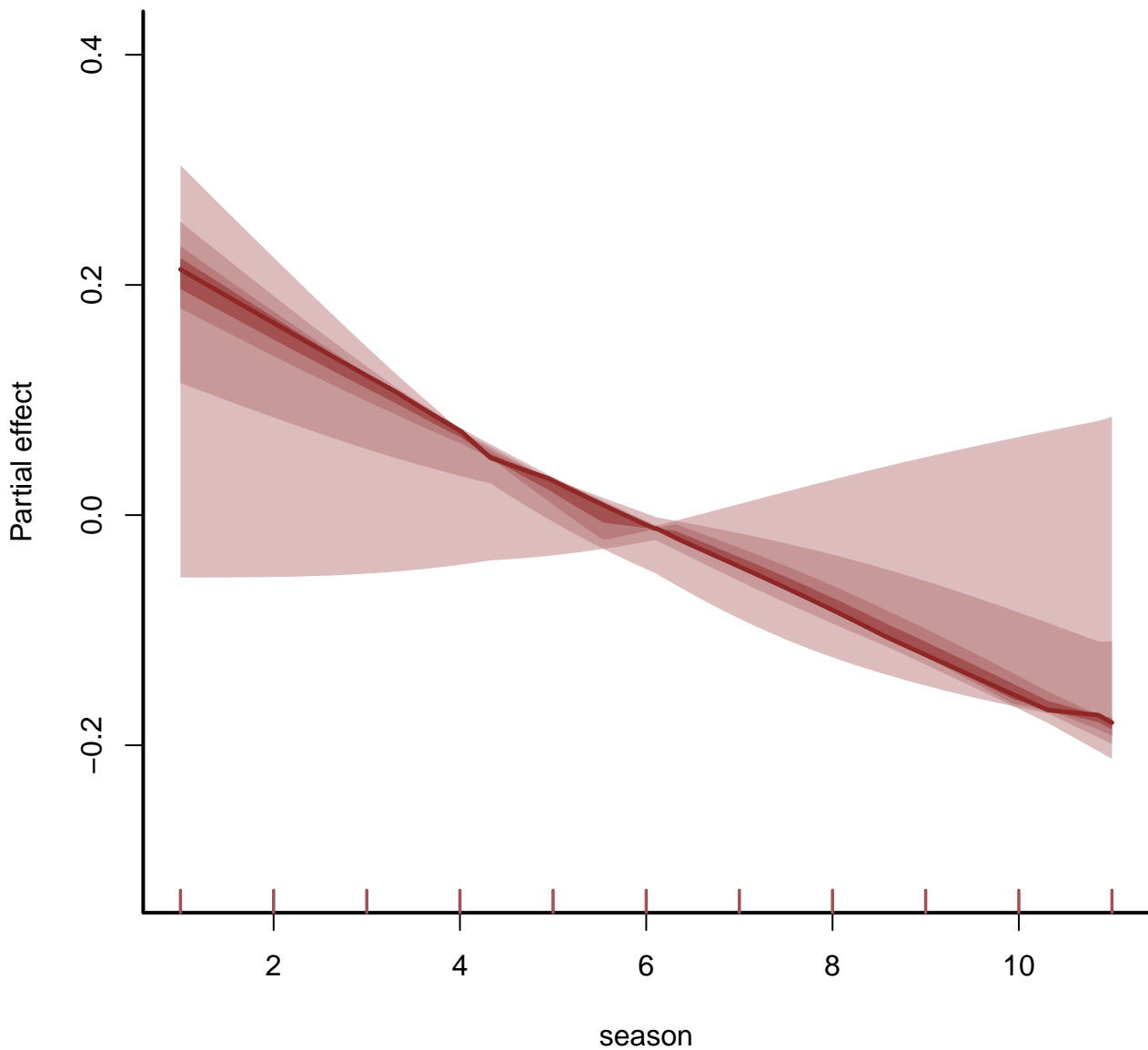




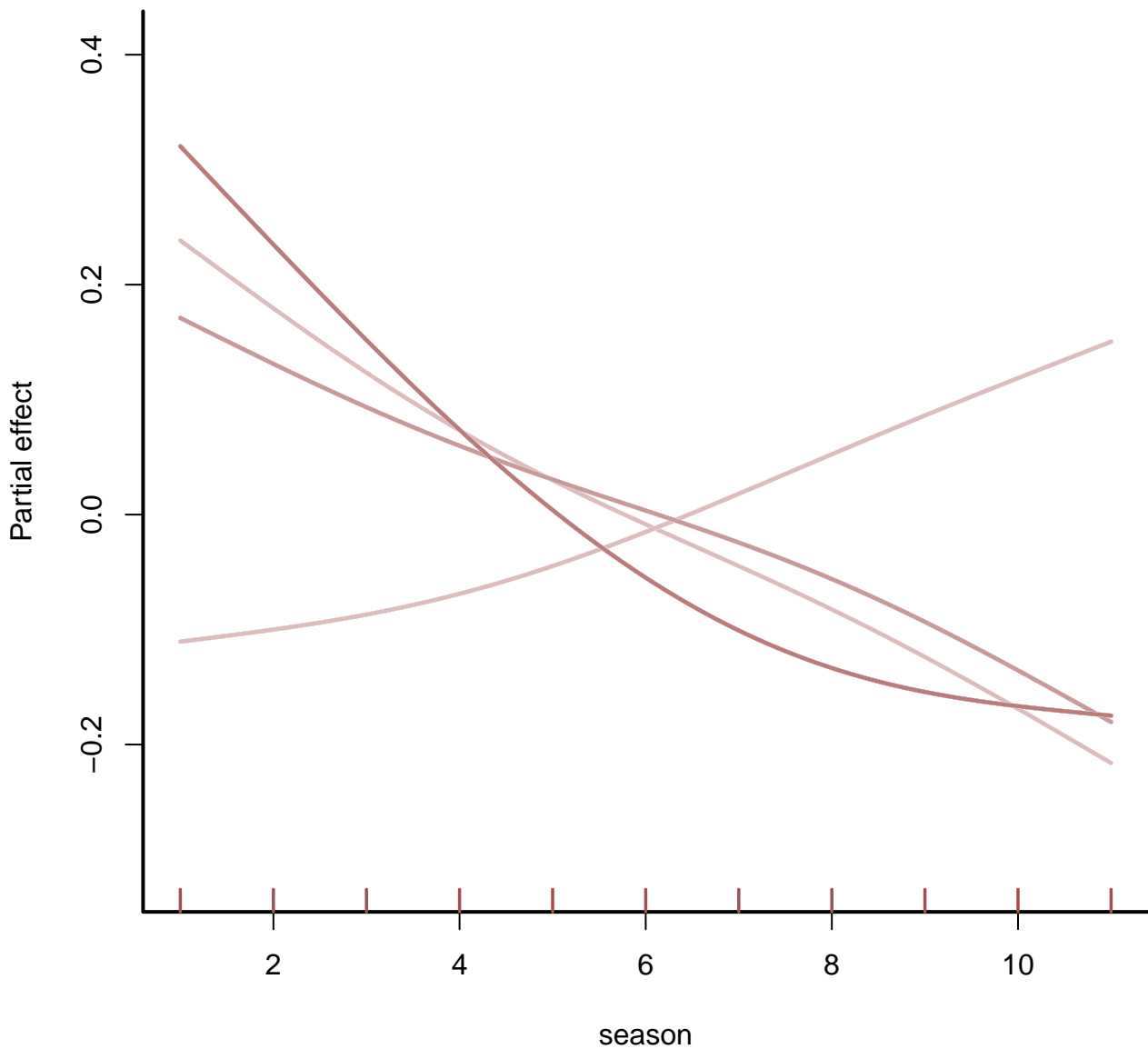




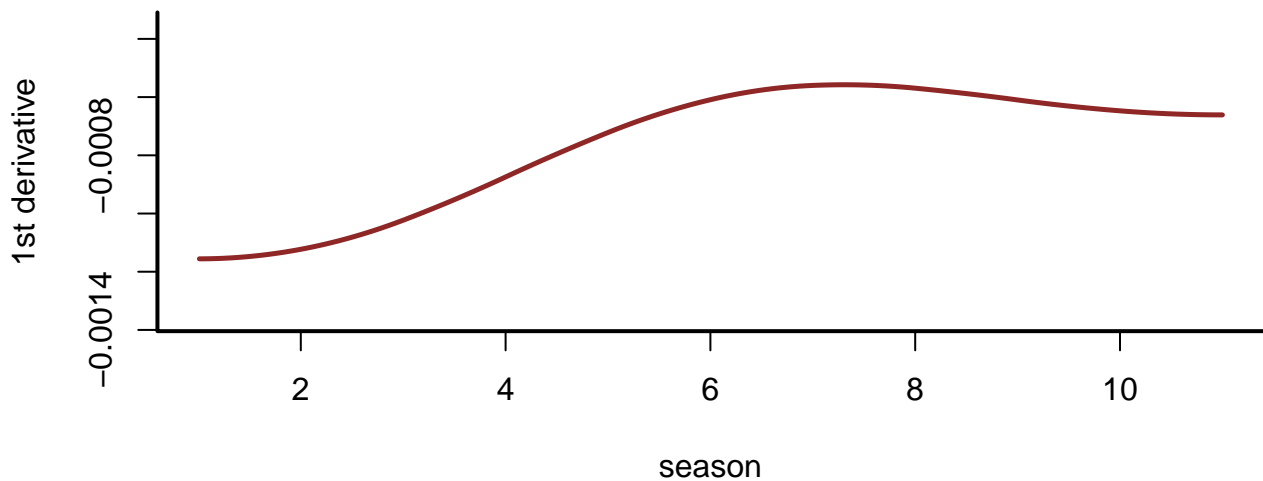
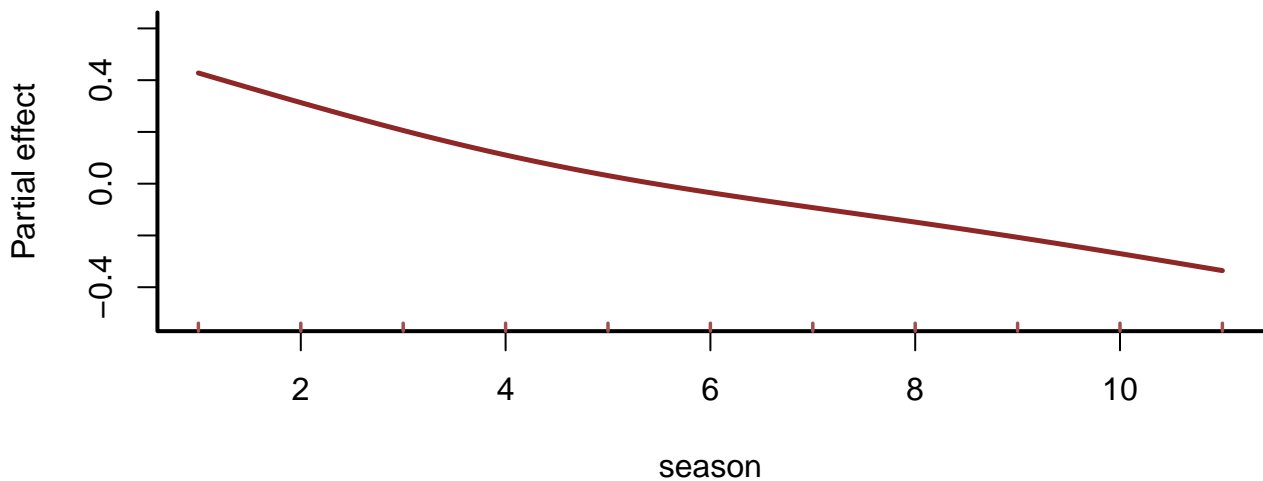
**s(season)**



**s(season)**

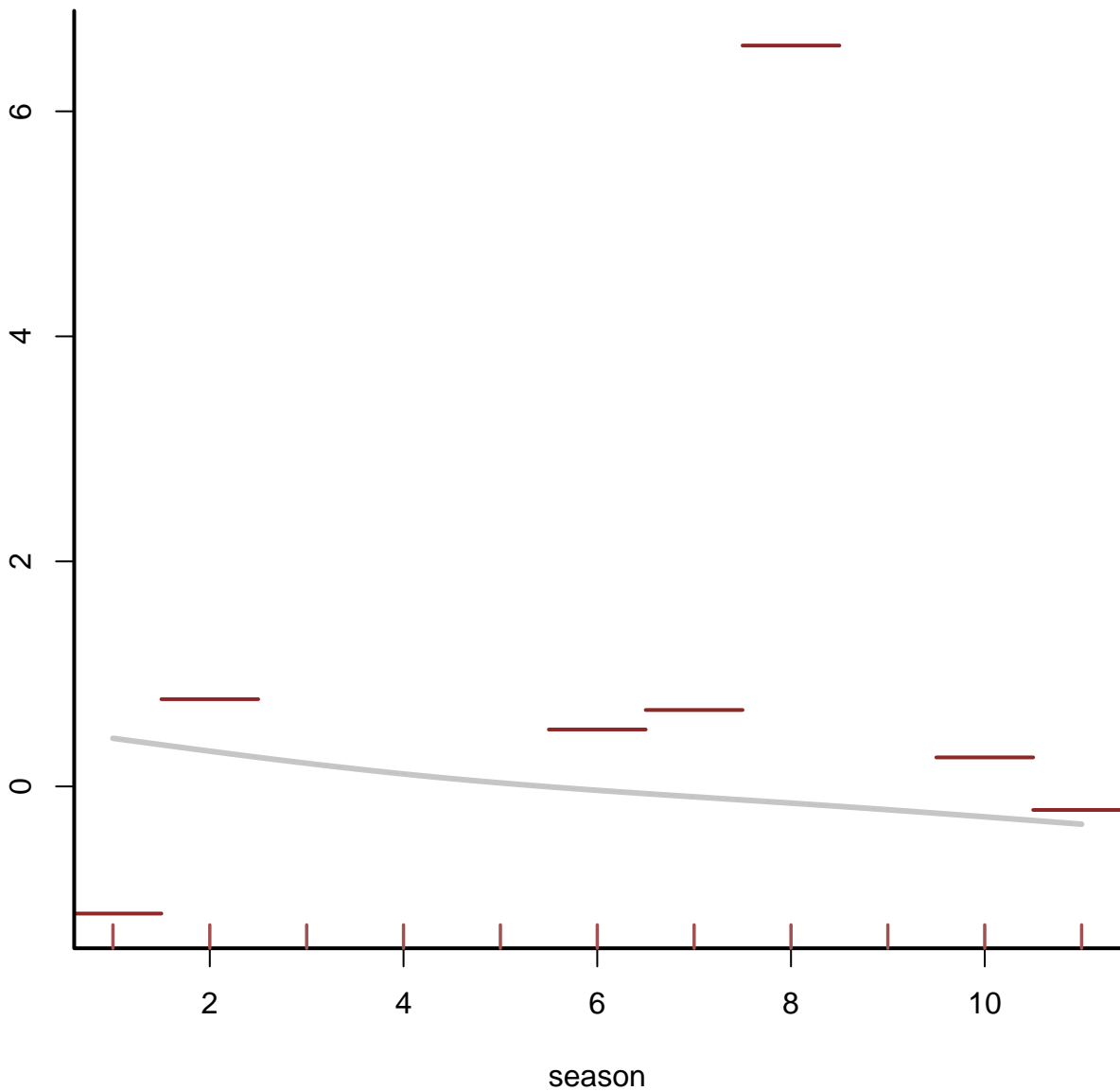


**s(season)**

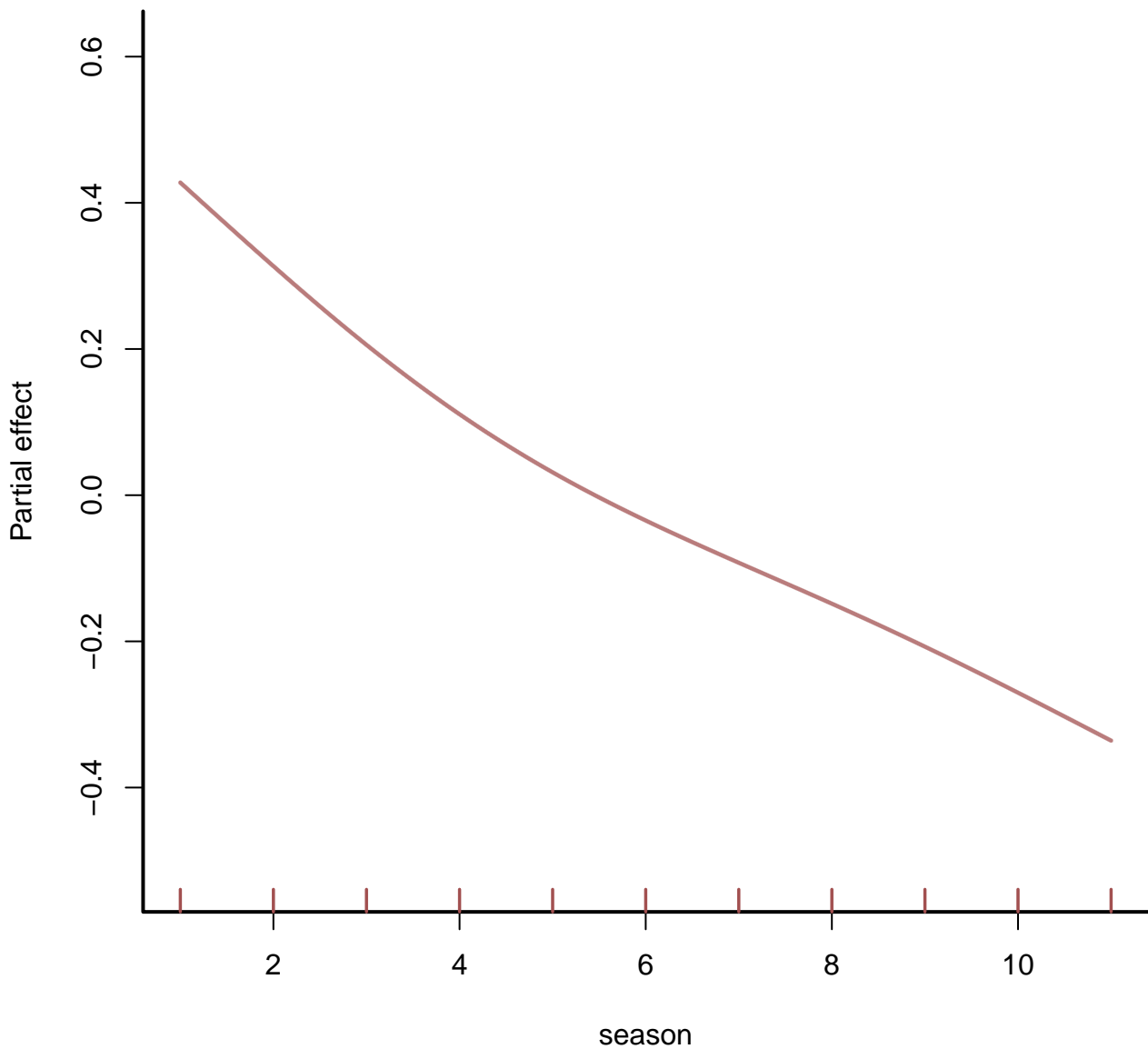


**s(season)**

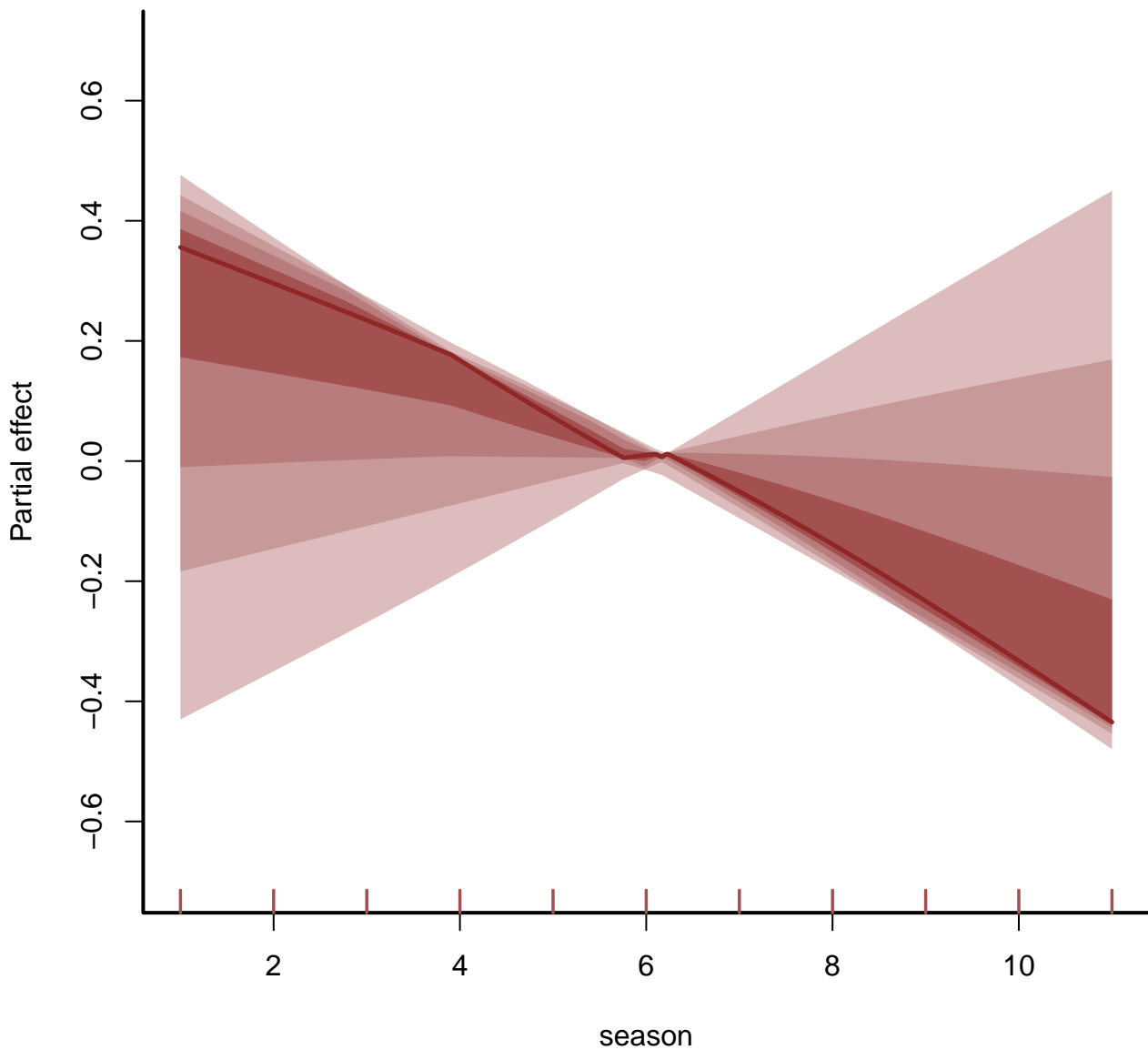
Partial effect



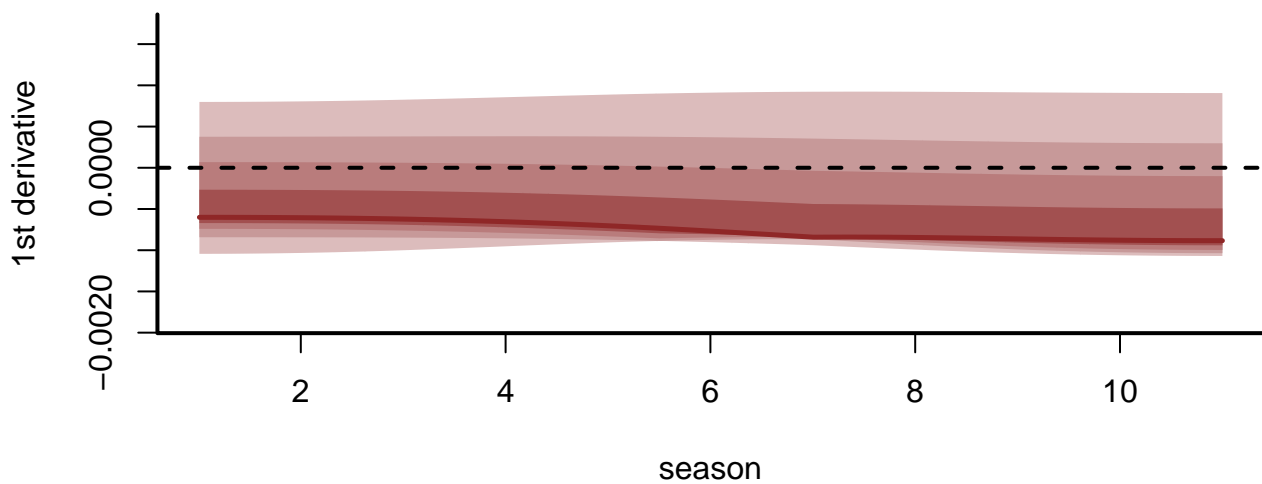
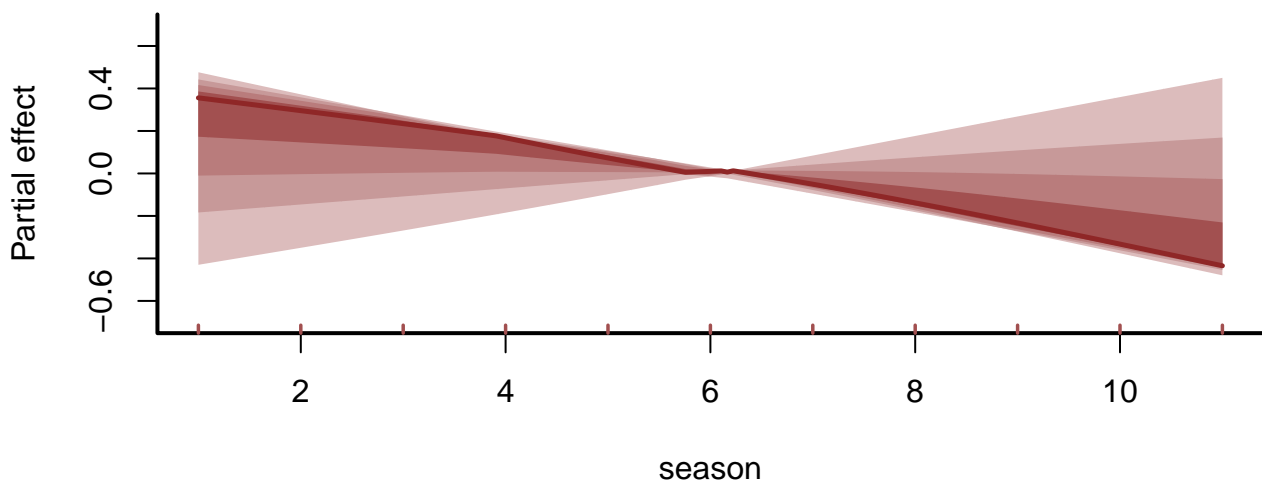
**s(season)**



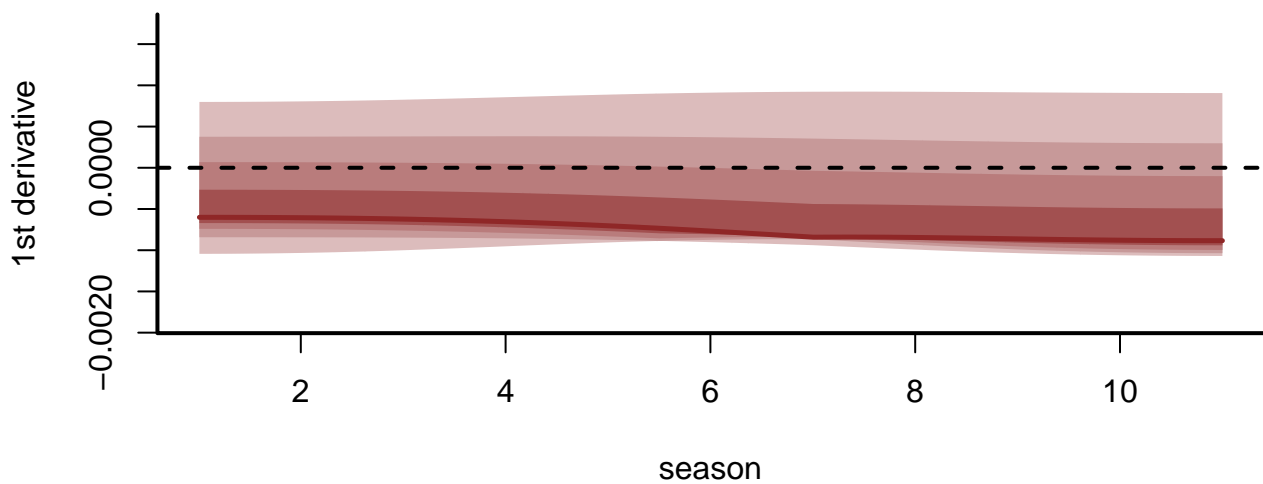
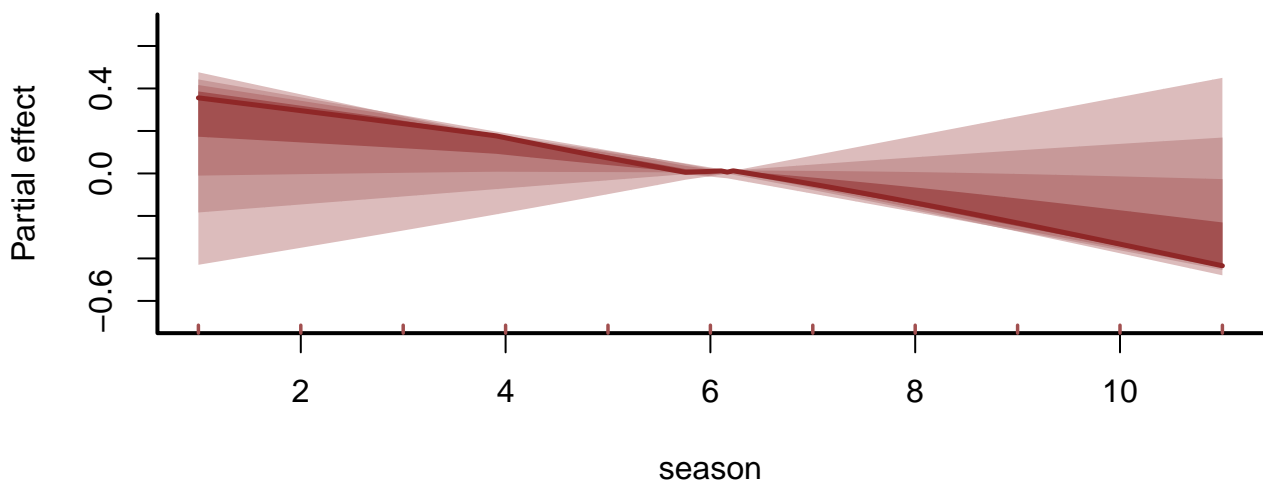
**s(season)**



**s(season)**

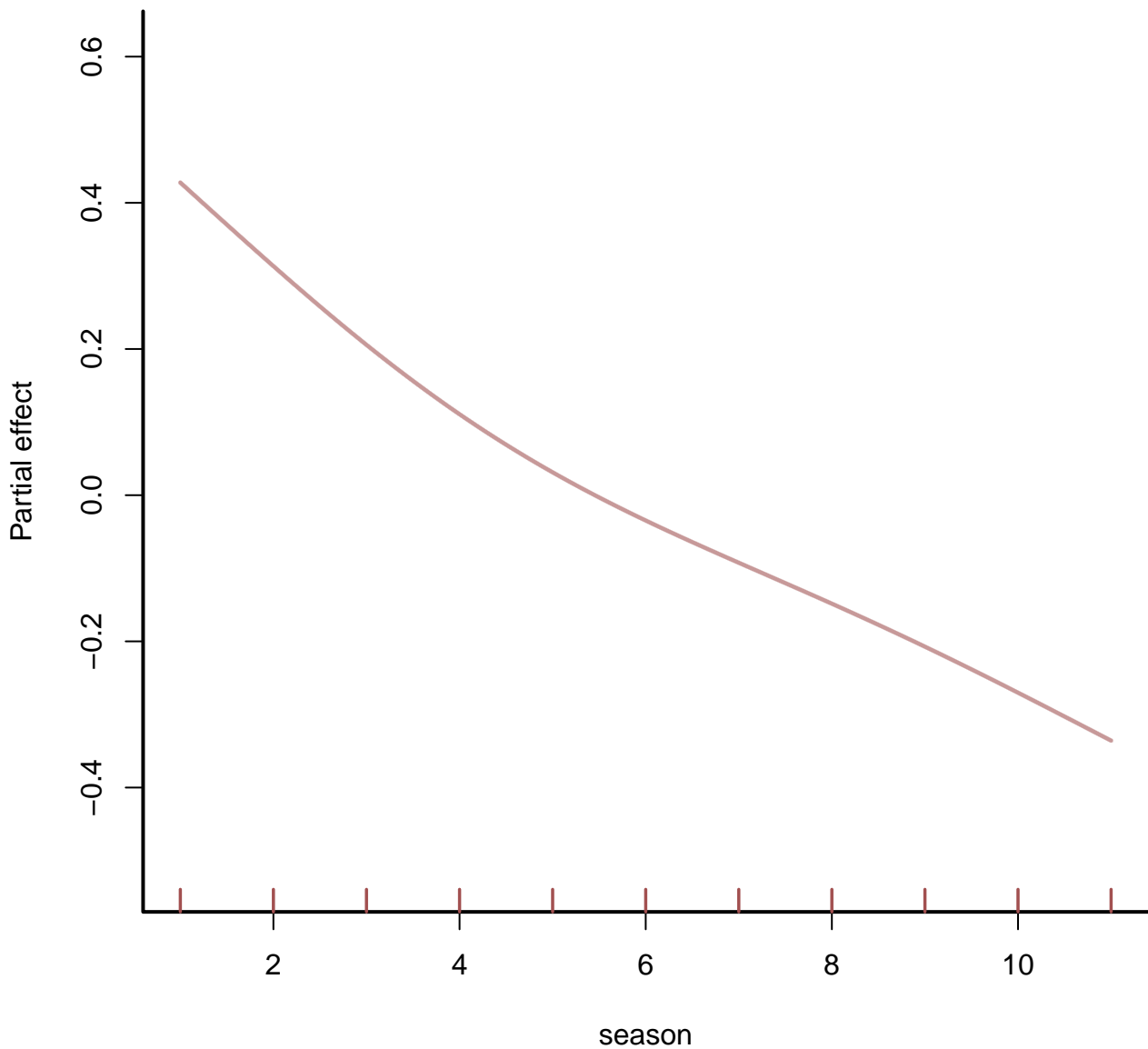


**s(season)**





**s(season)**



**s(season)**

Partial effect

0.5

0.0

-0.5

2

4

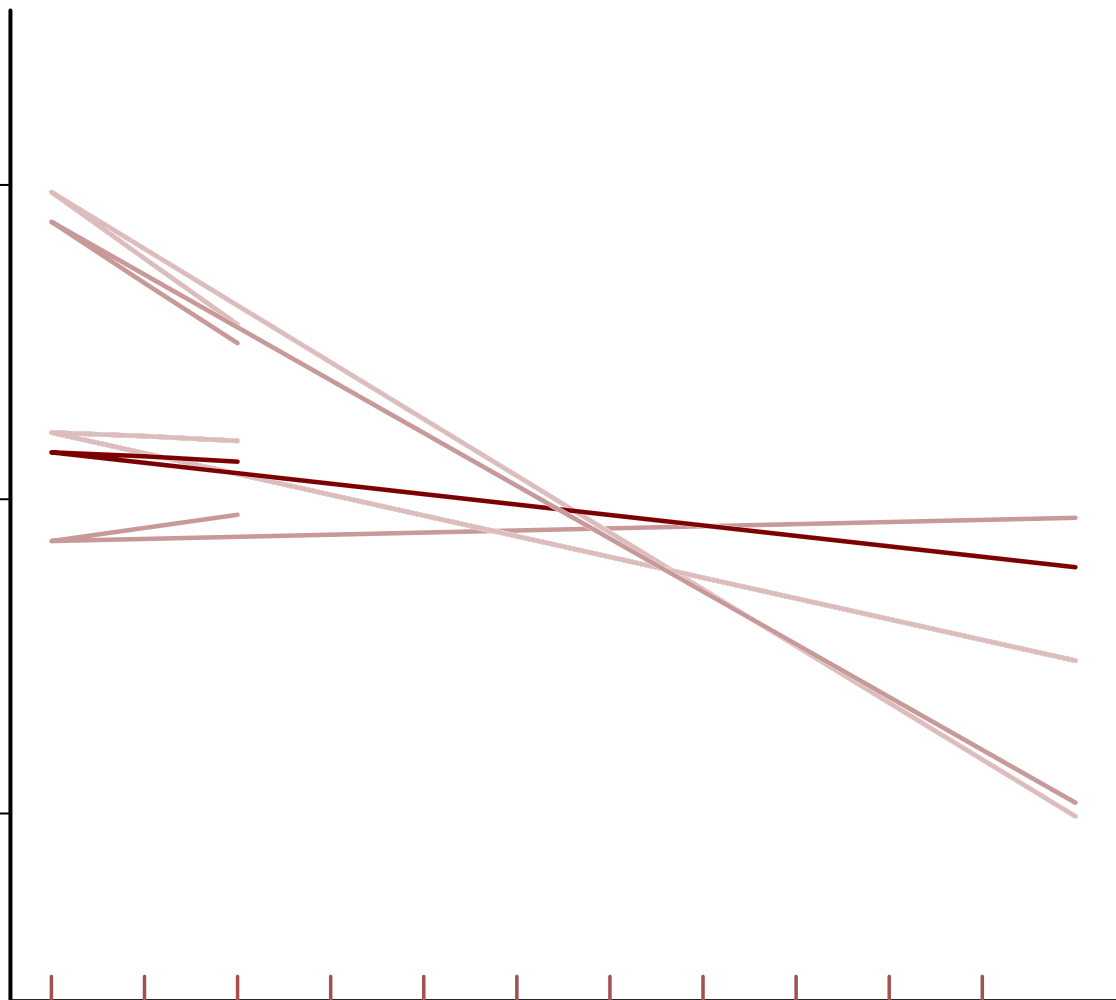
6

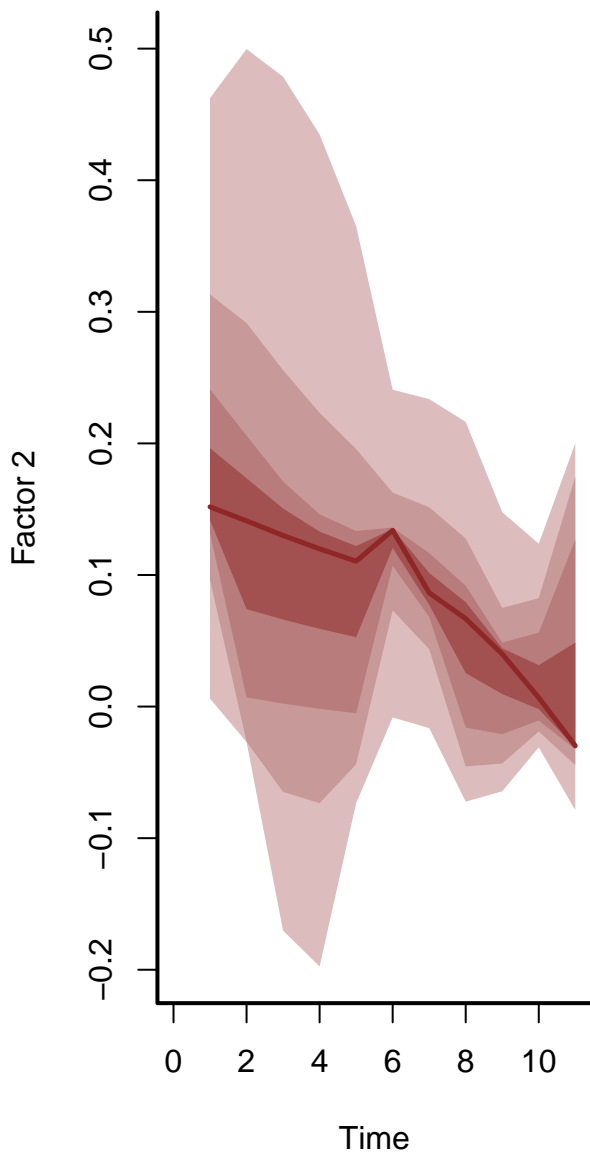
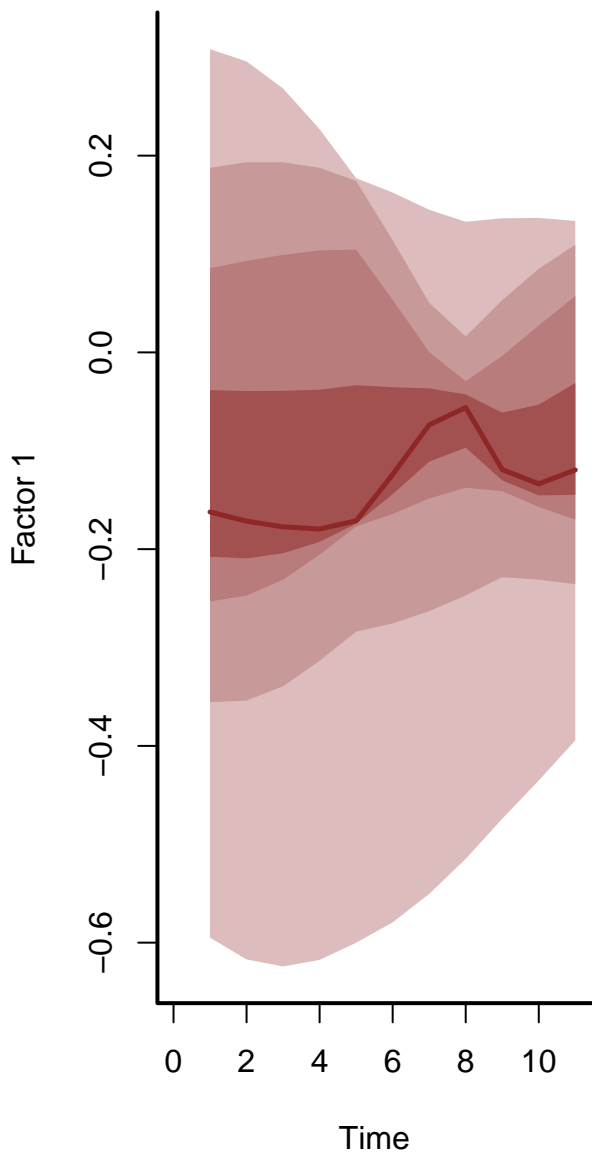
8

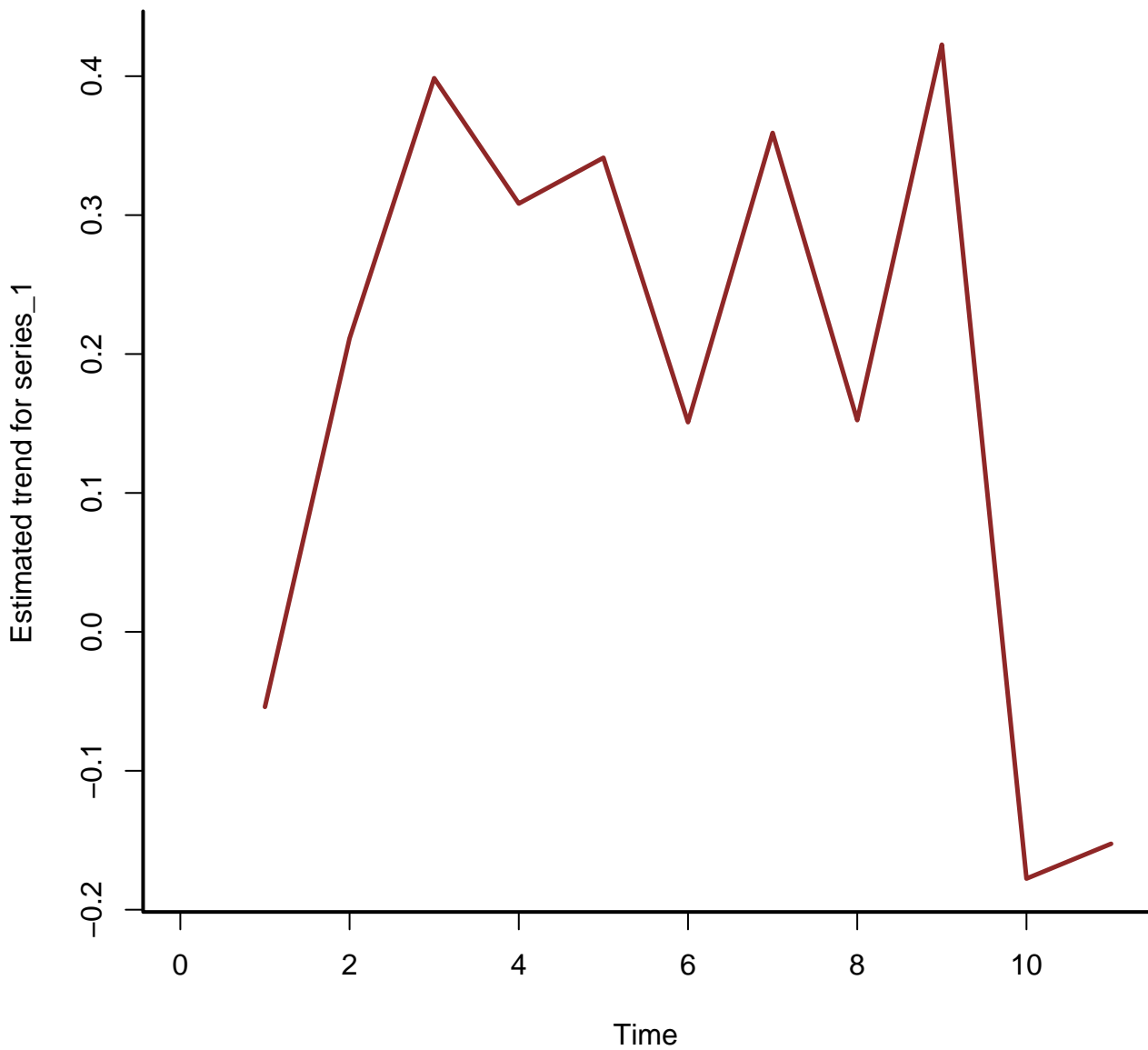
10

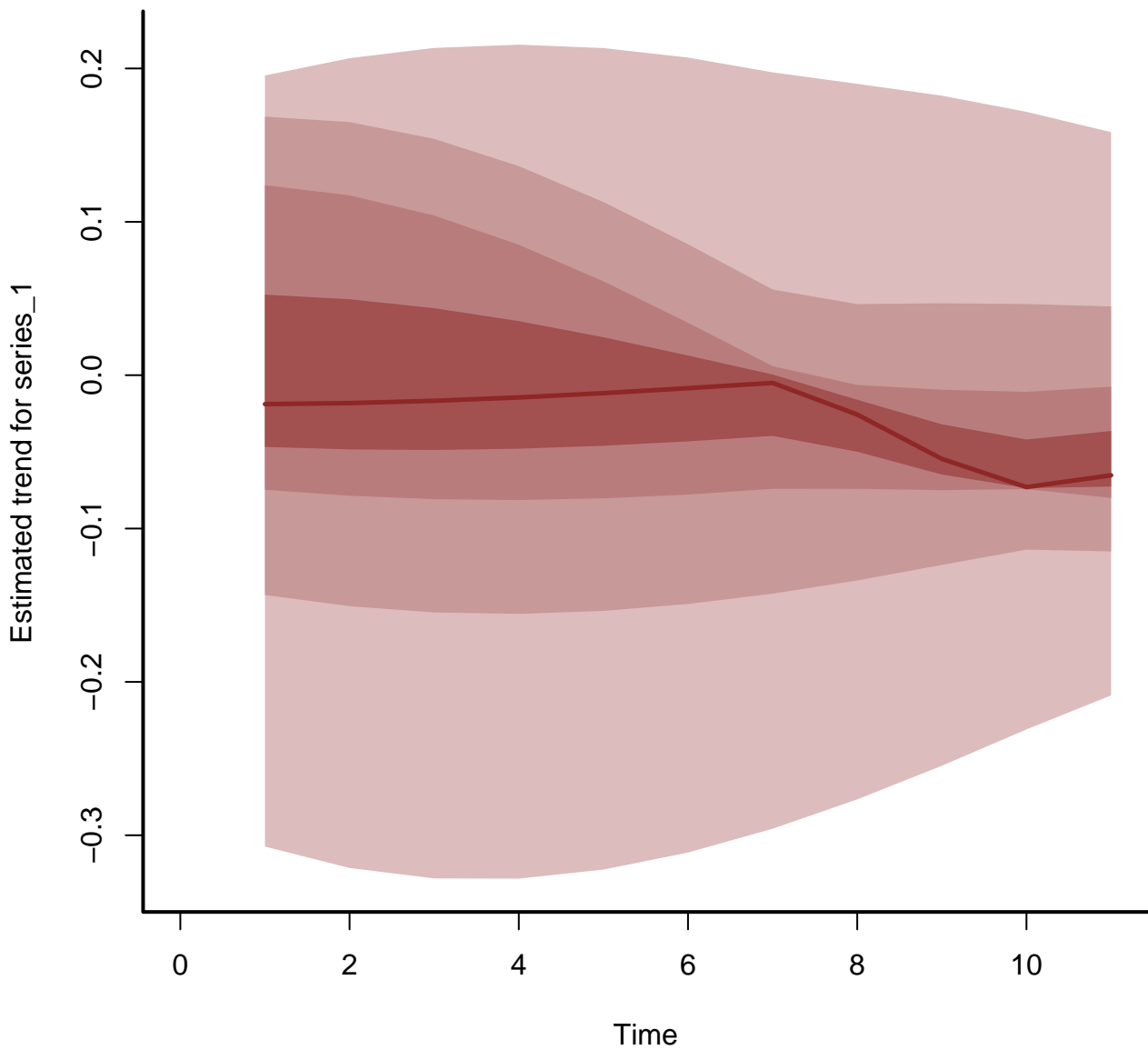
12

season

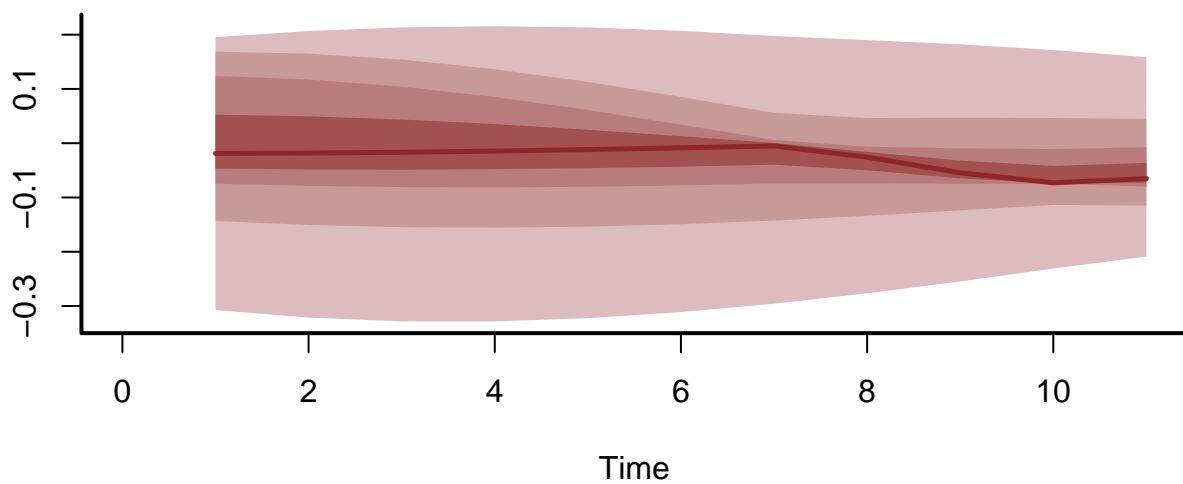




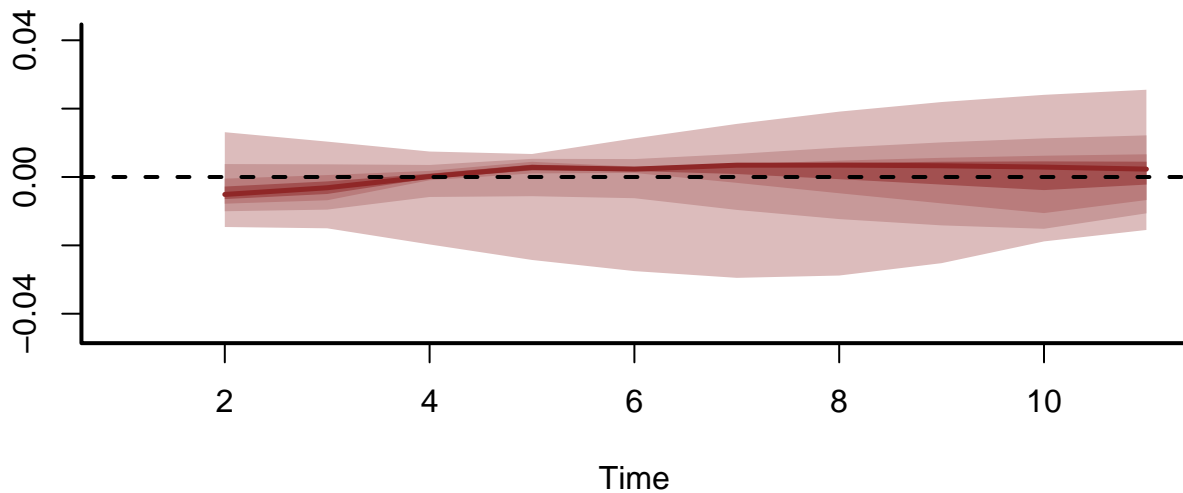


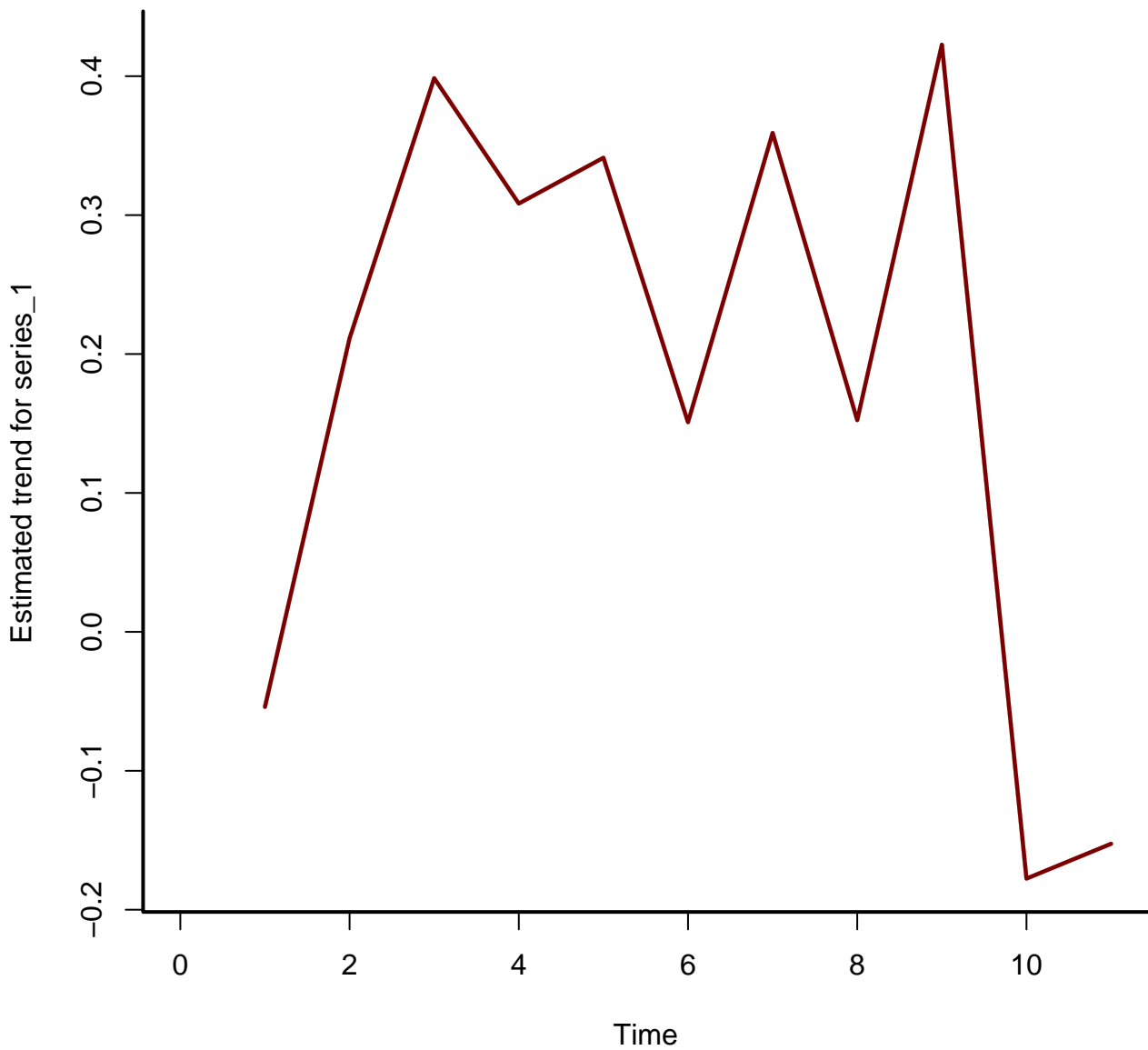


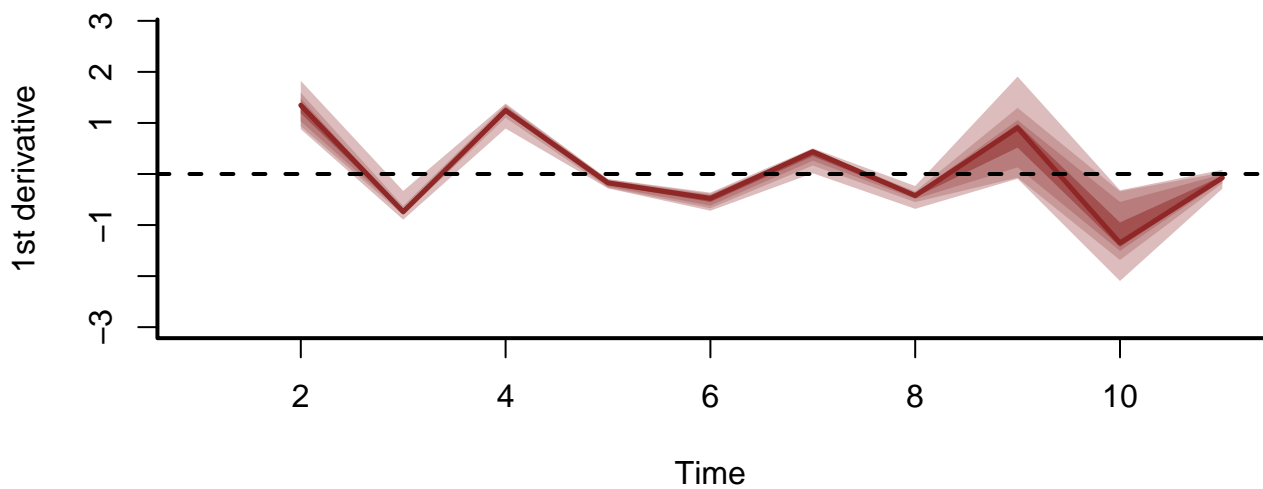
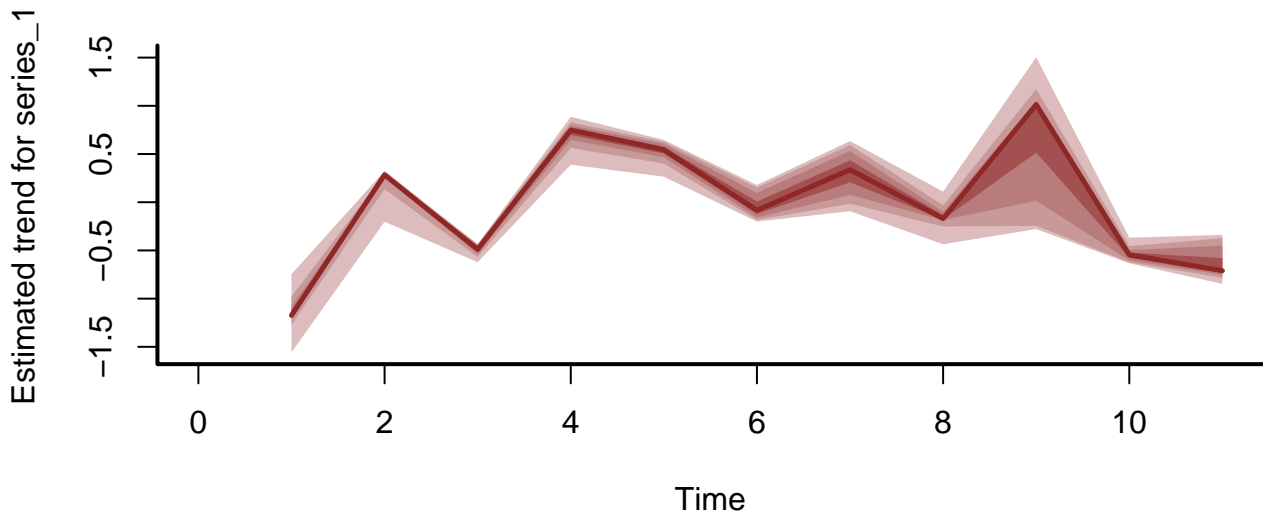
Estimated trend for series\_1



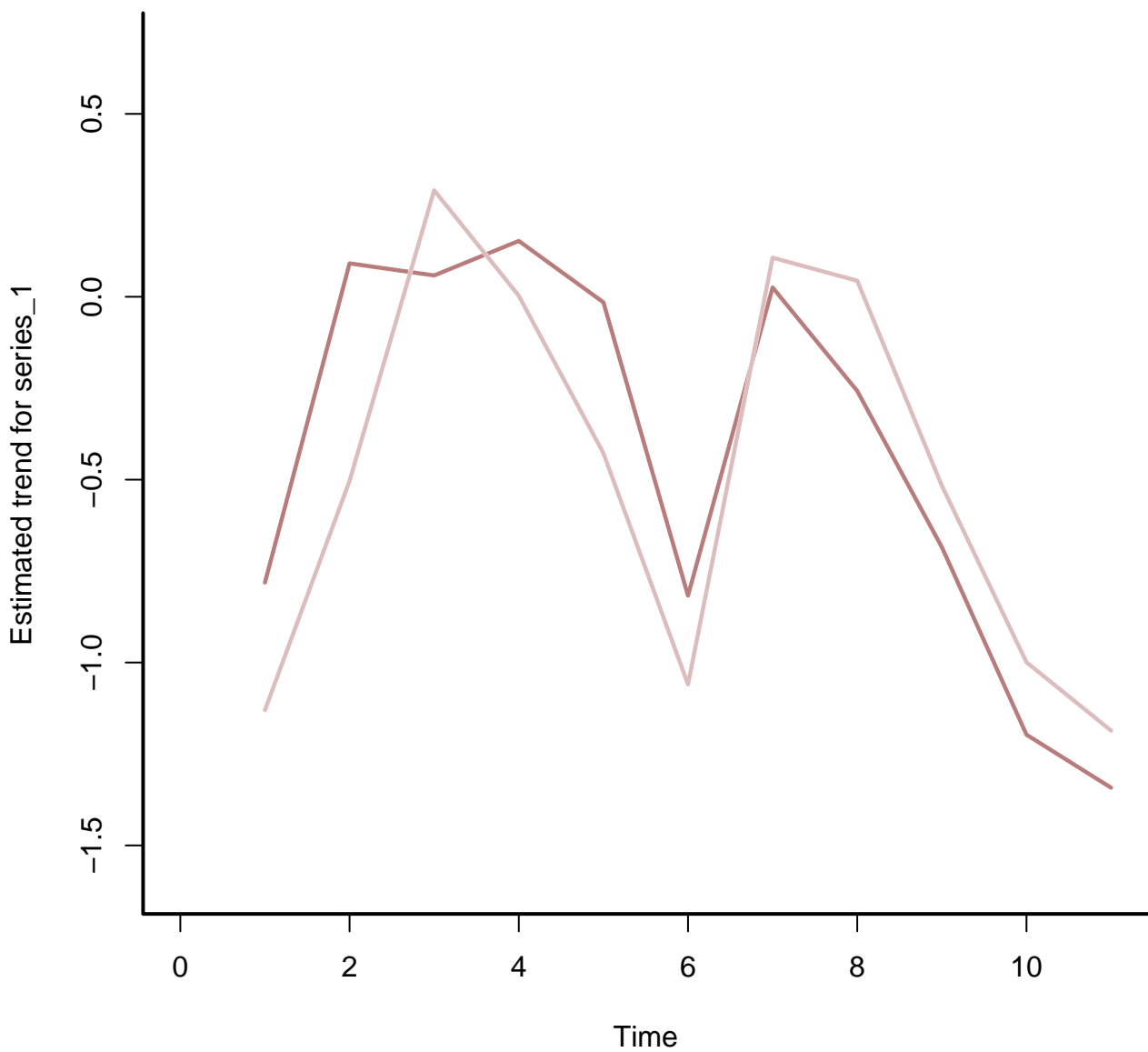
1st derivative

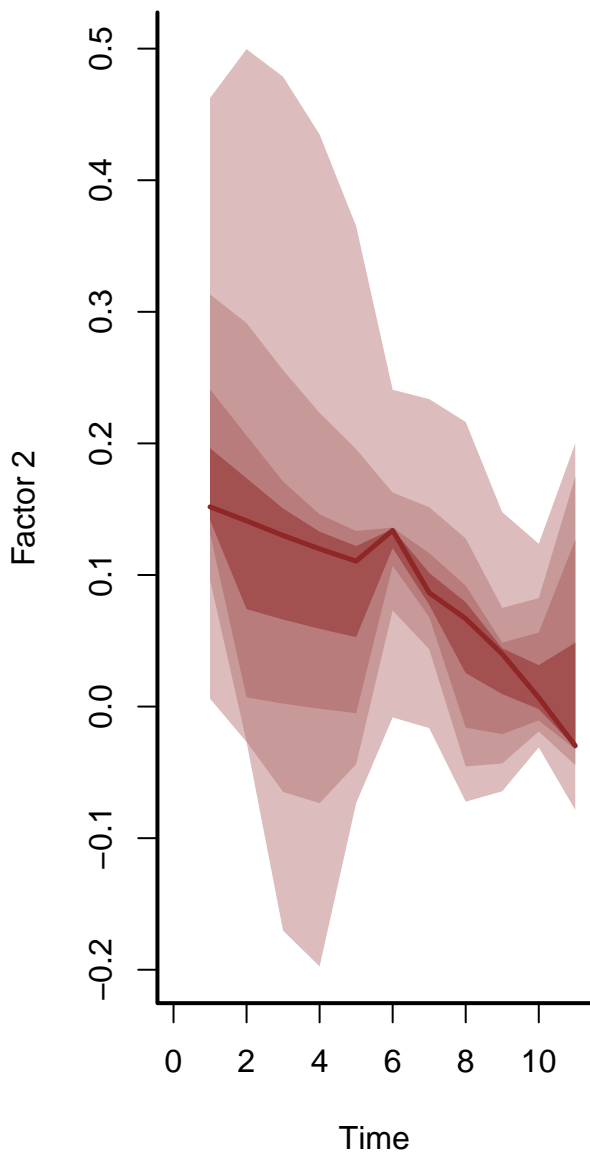
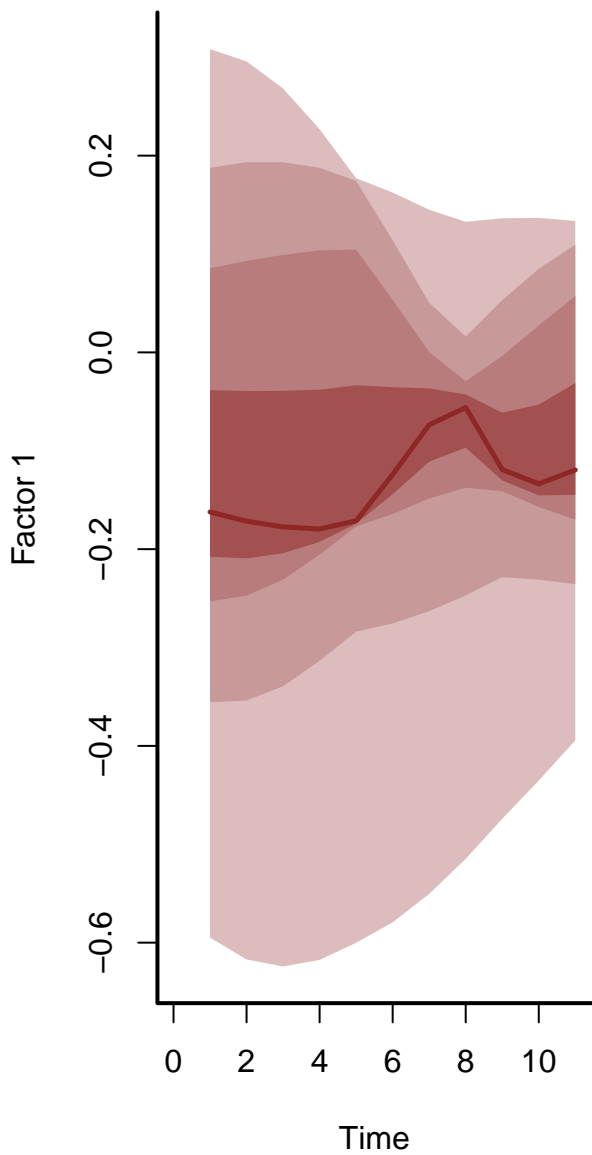












Sum RPS (lower is better)

0  
1  
2  
3  
4  
5  
6

model 1

model 2

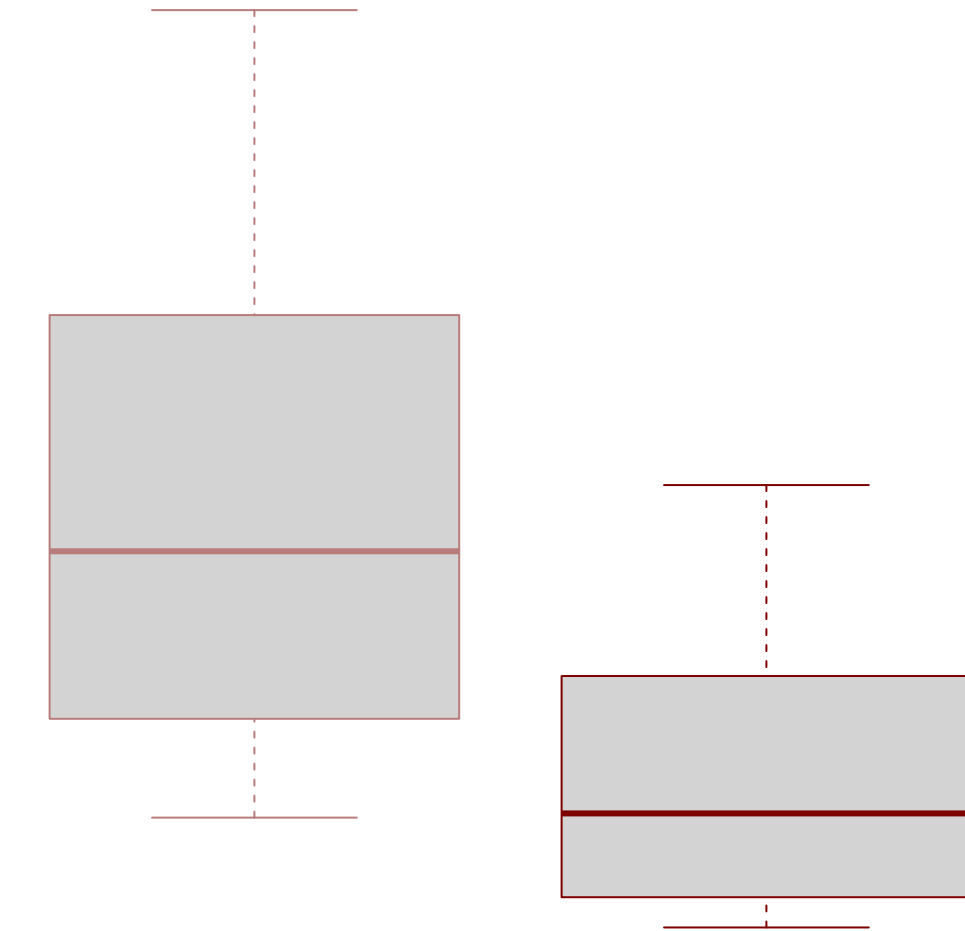


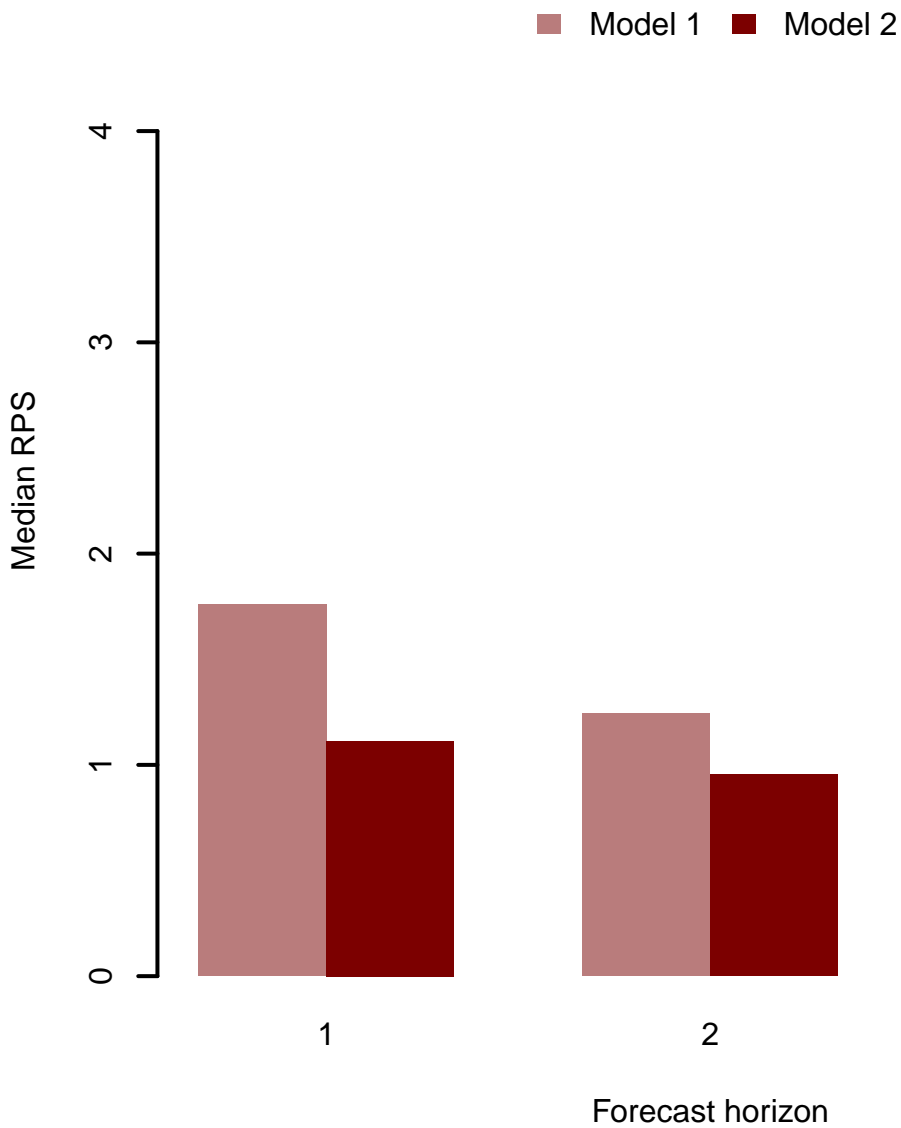
Sum RPS per evaluation

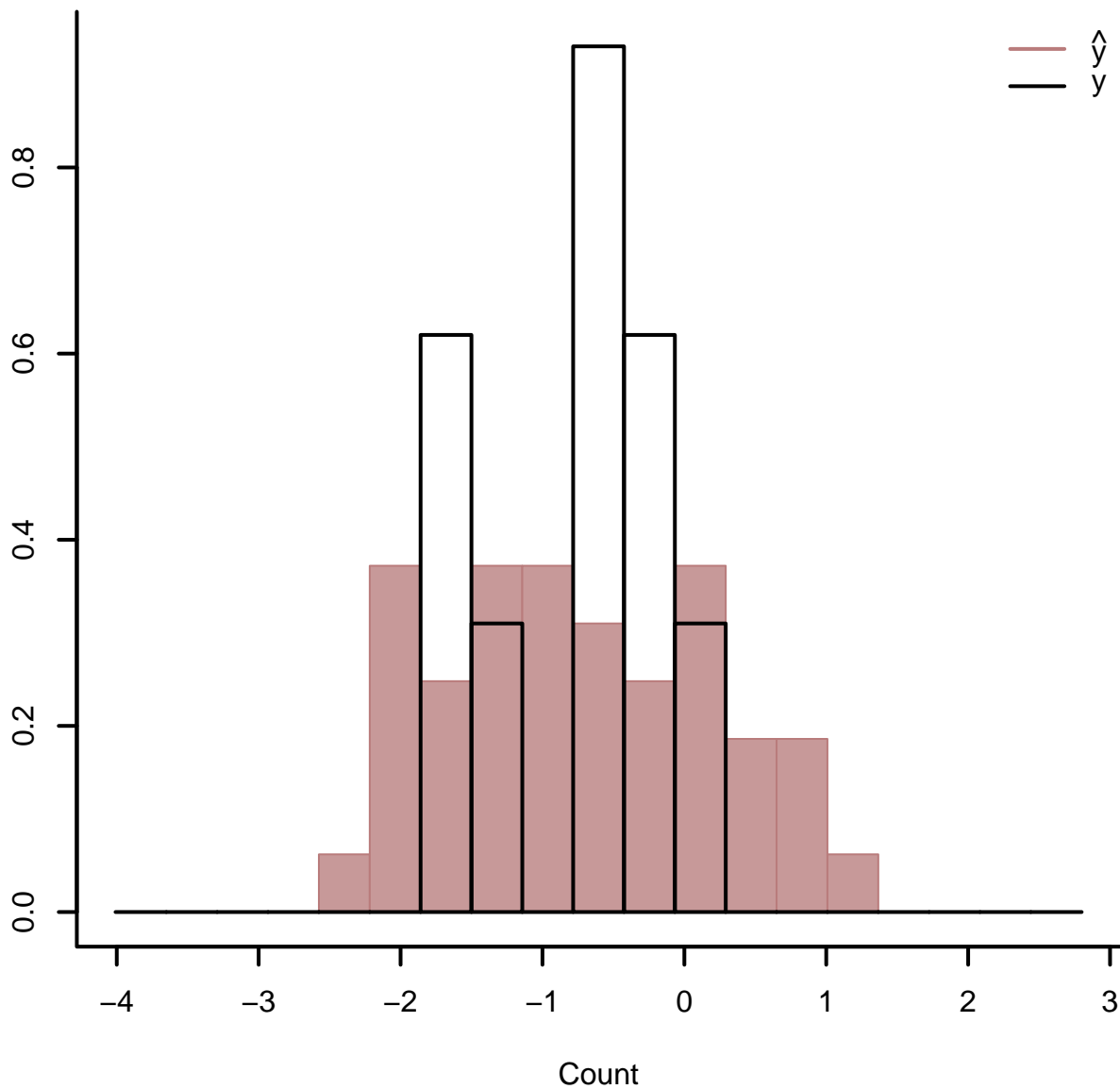
1.0  
1.5  
2.0  
2.5  
3.0

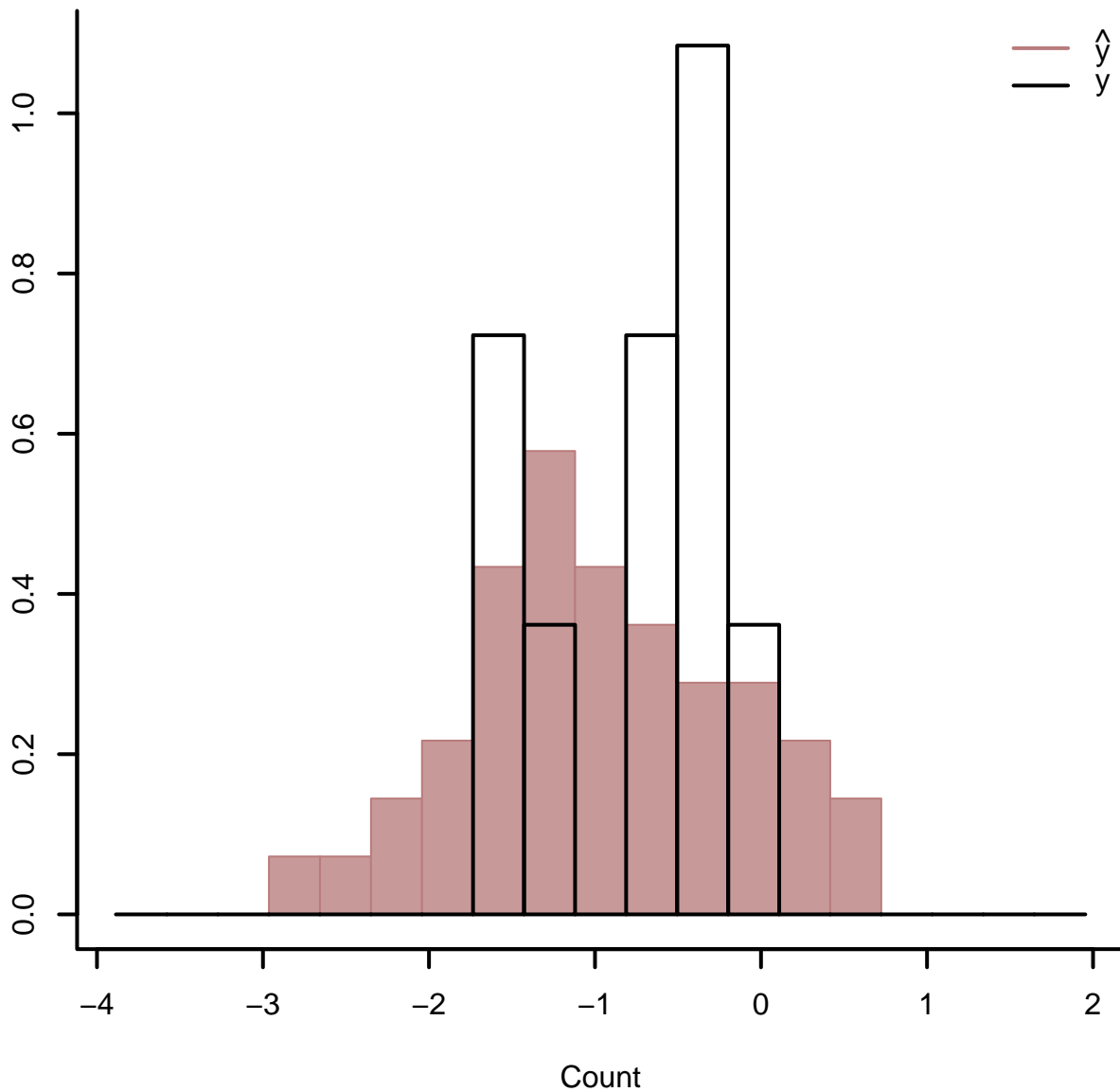
model 1

model 2

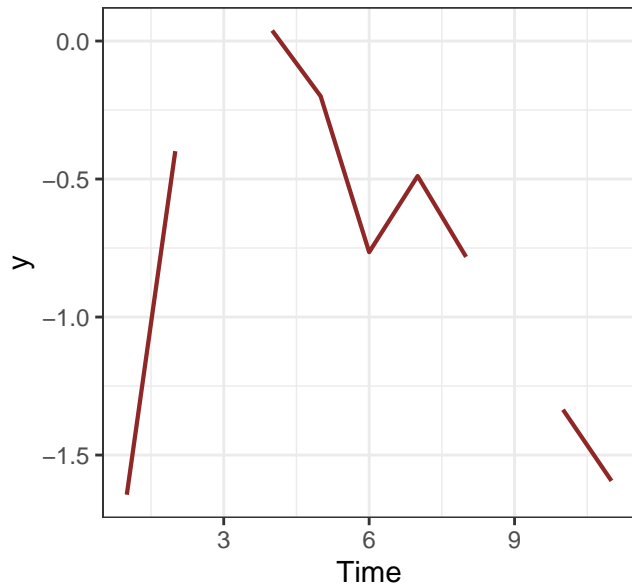




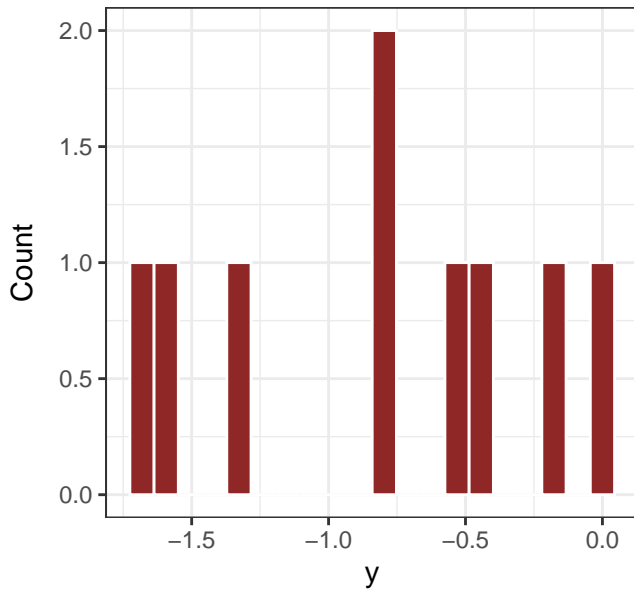




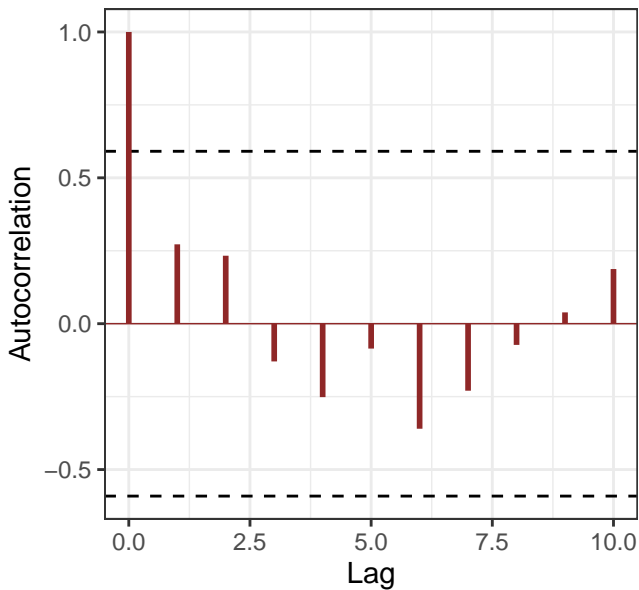
Time series



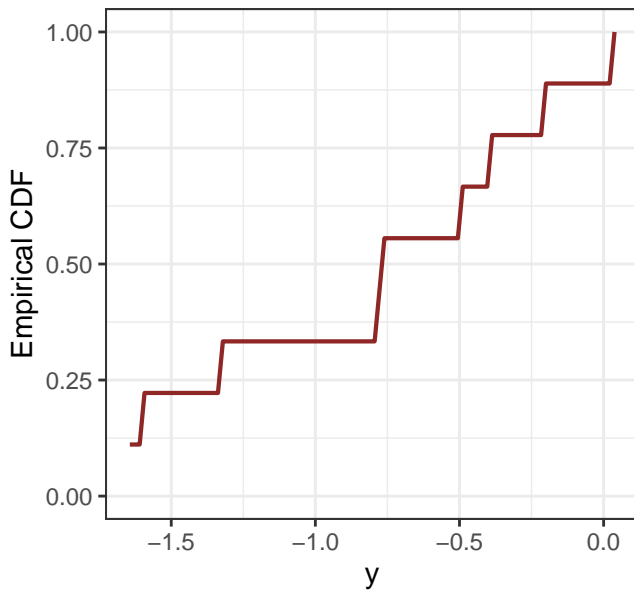
Histogram



ACF

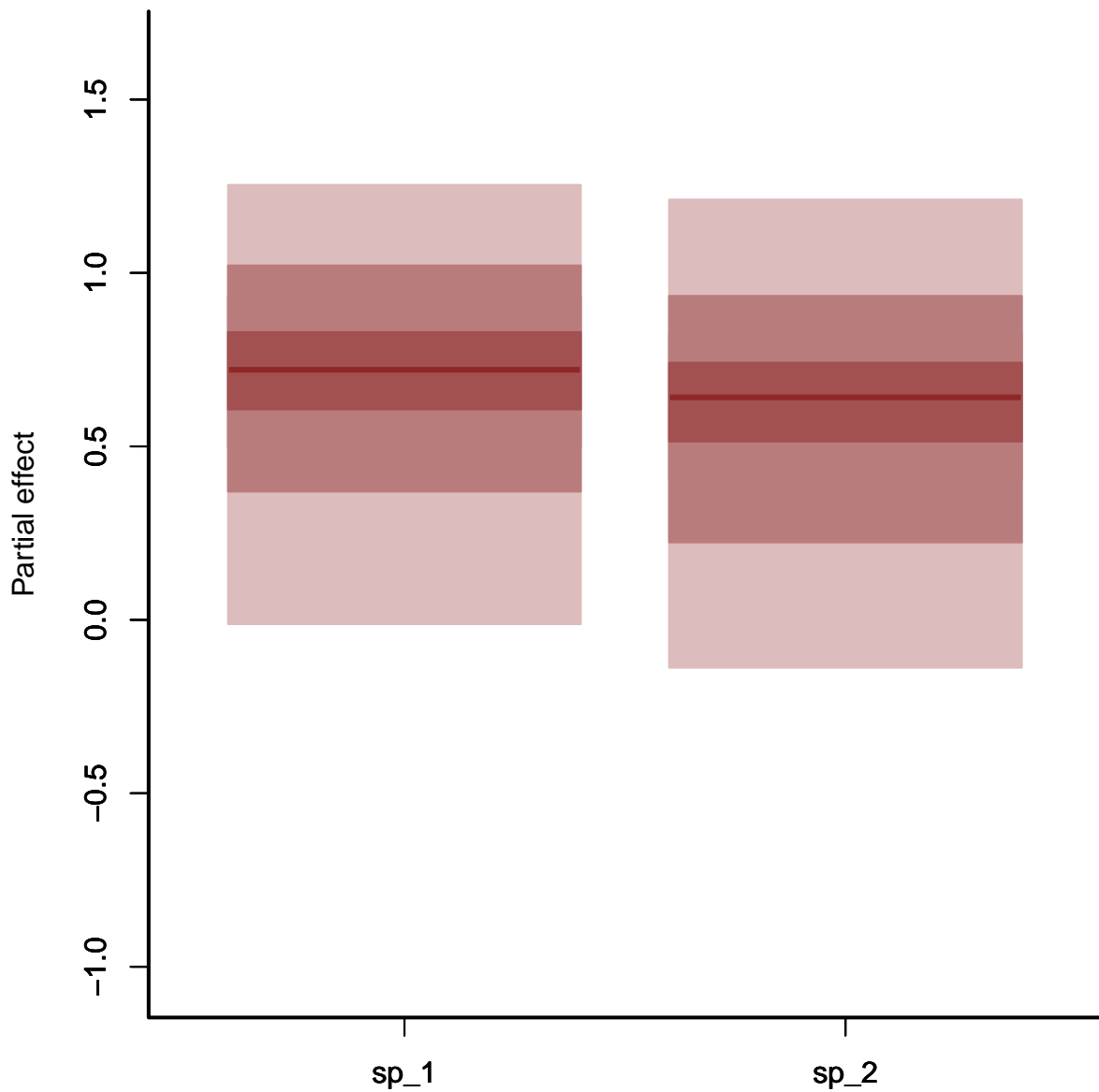


CDF





species



species

0.0

-0.5

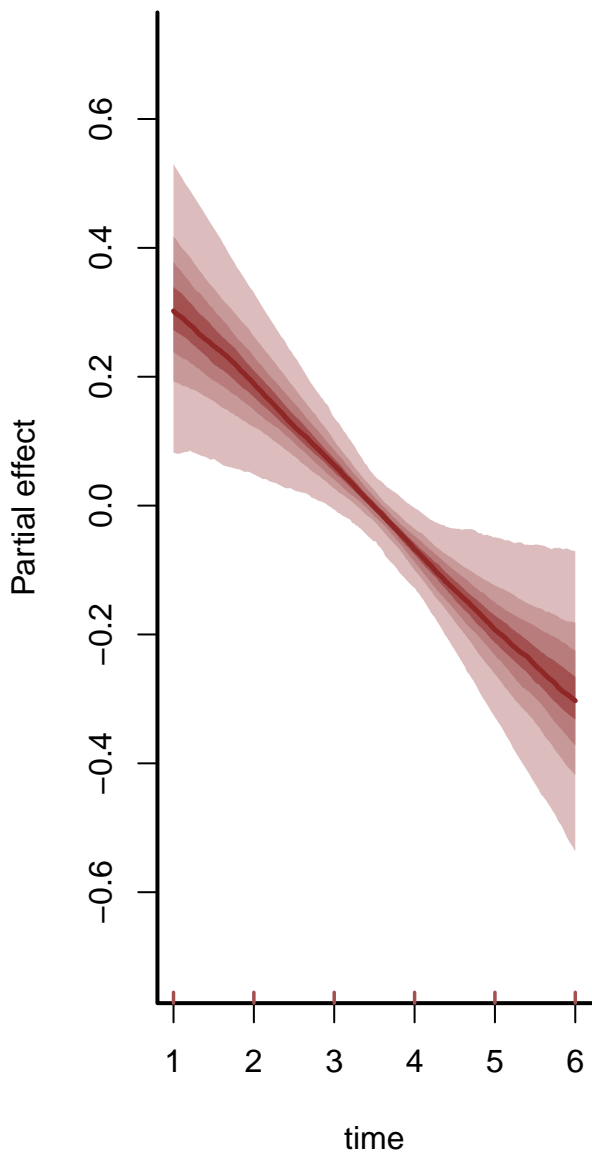
-1.0

-1.5

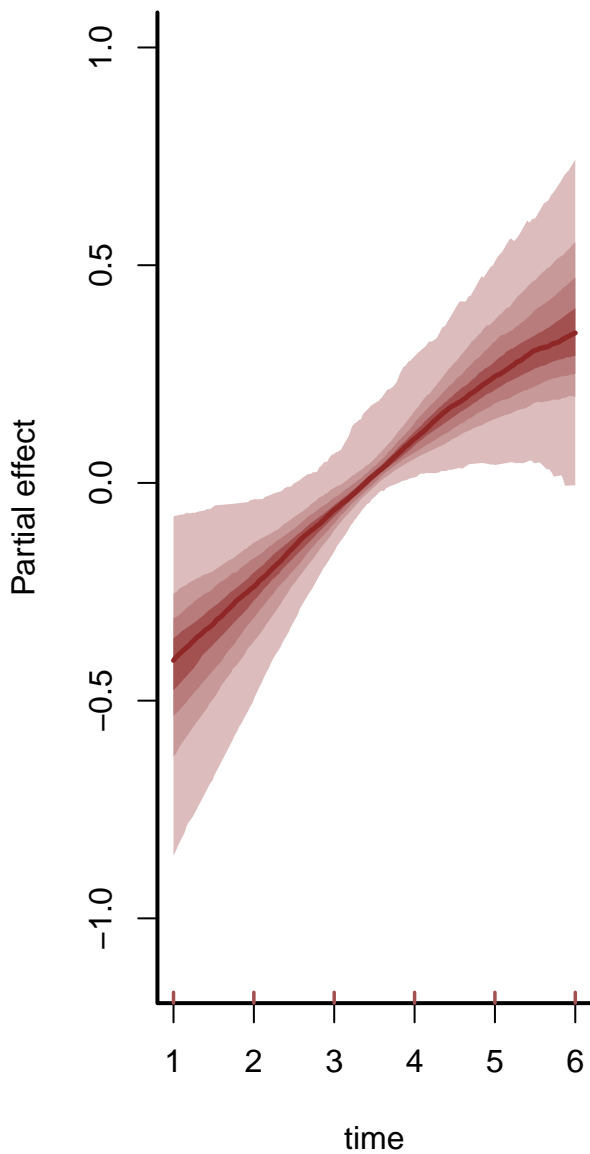
Partial effect



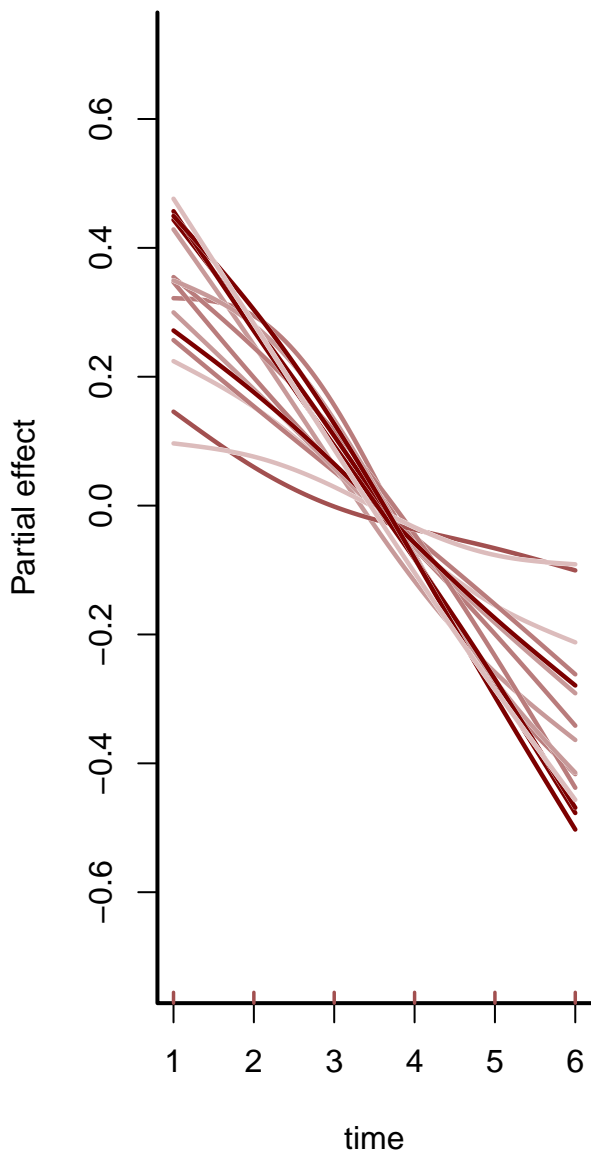
**s(time):trendtrend1**



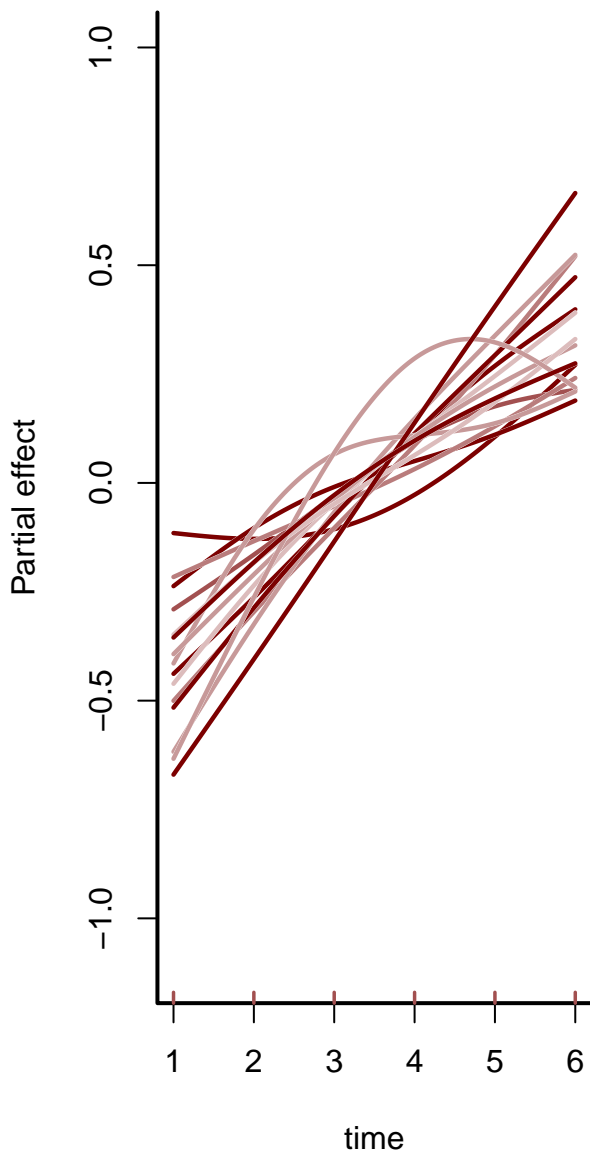
**s(time):trendtrend2**



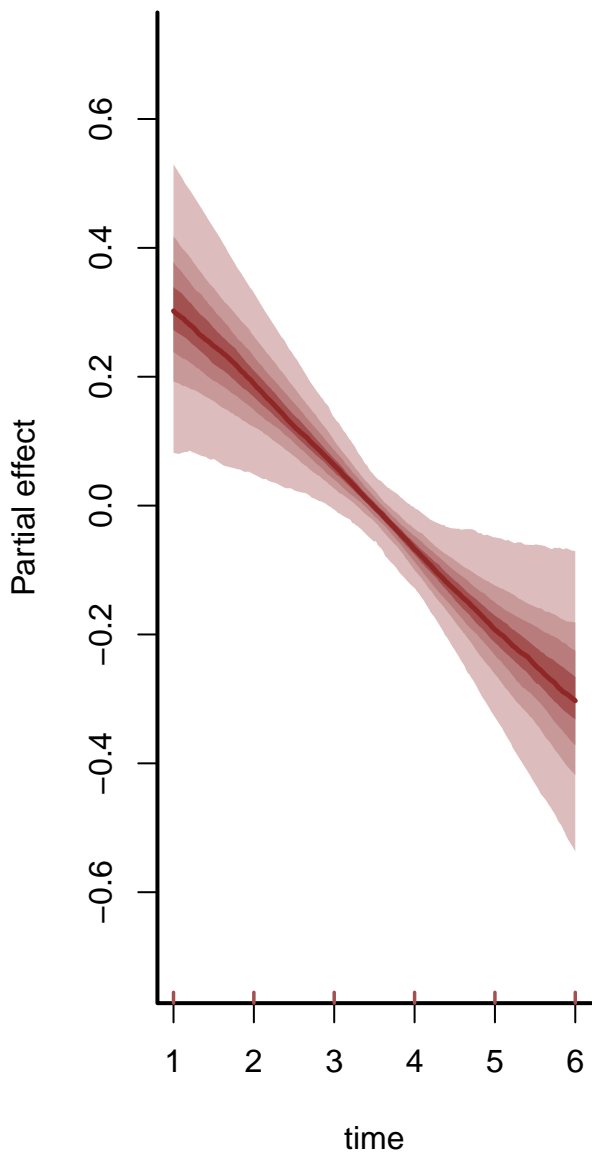
**s(time):trendtrend1**



**s(time):trendtrend2**



**s(time):trendtrend1**



**s(time):trendtrend2**

