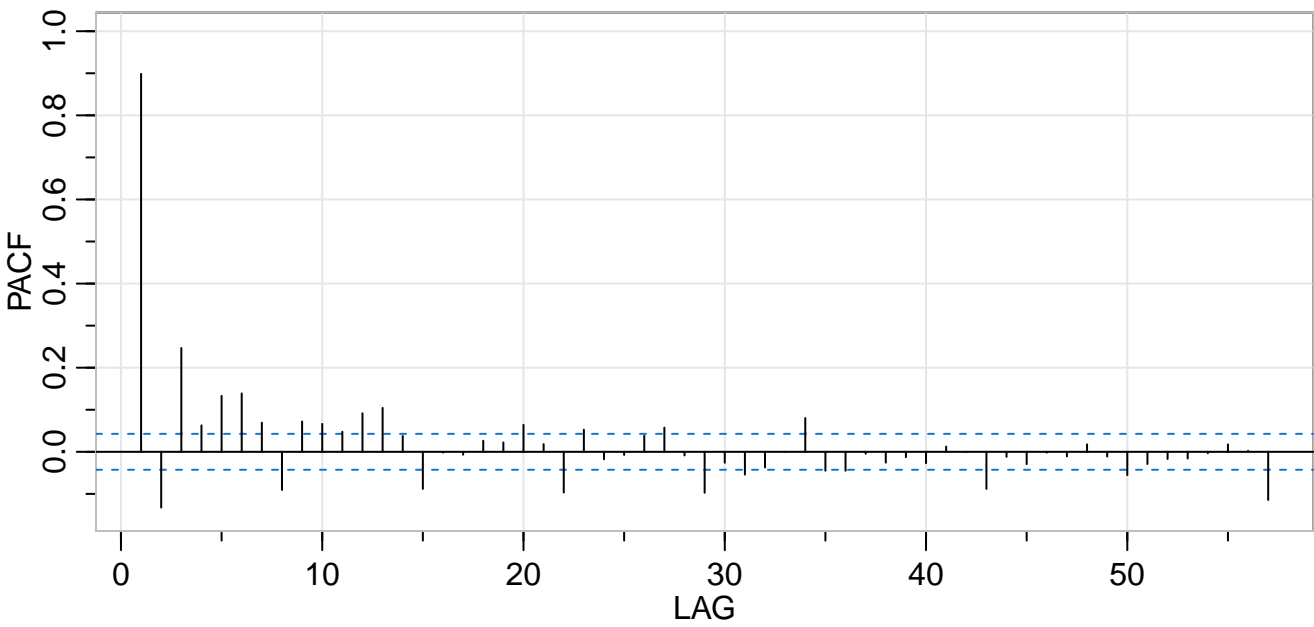
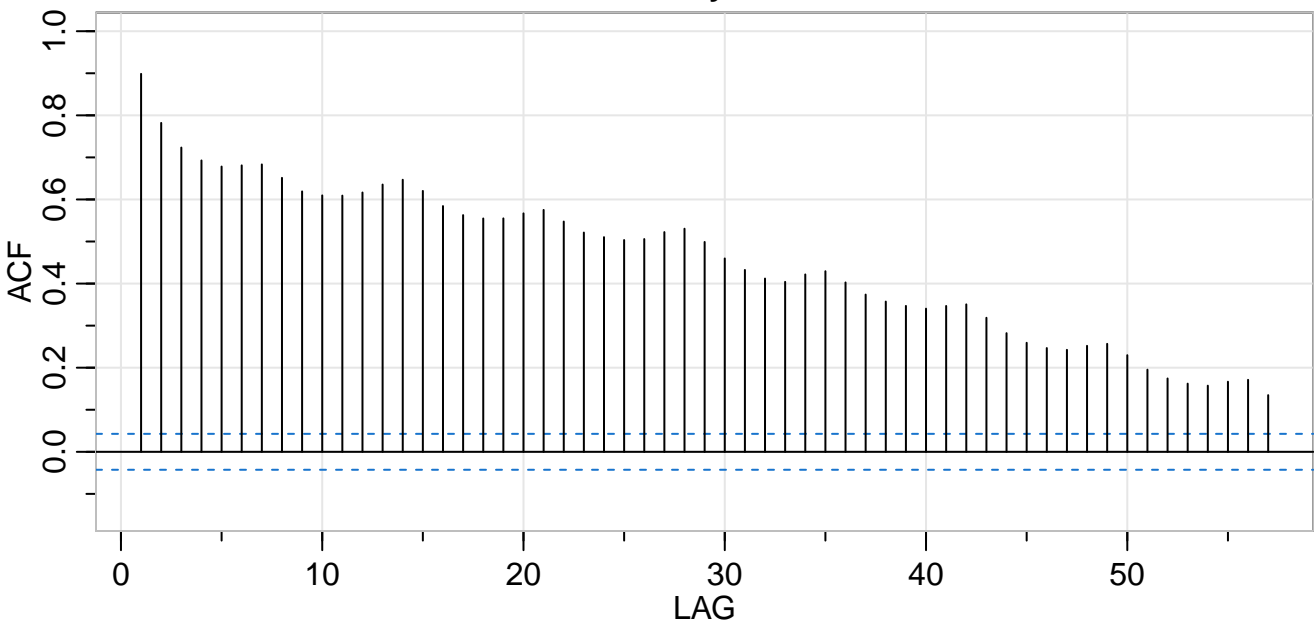
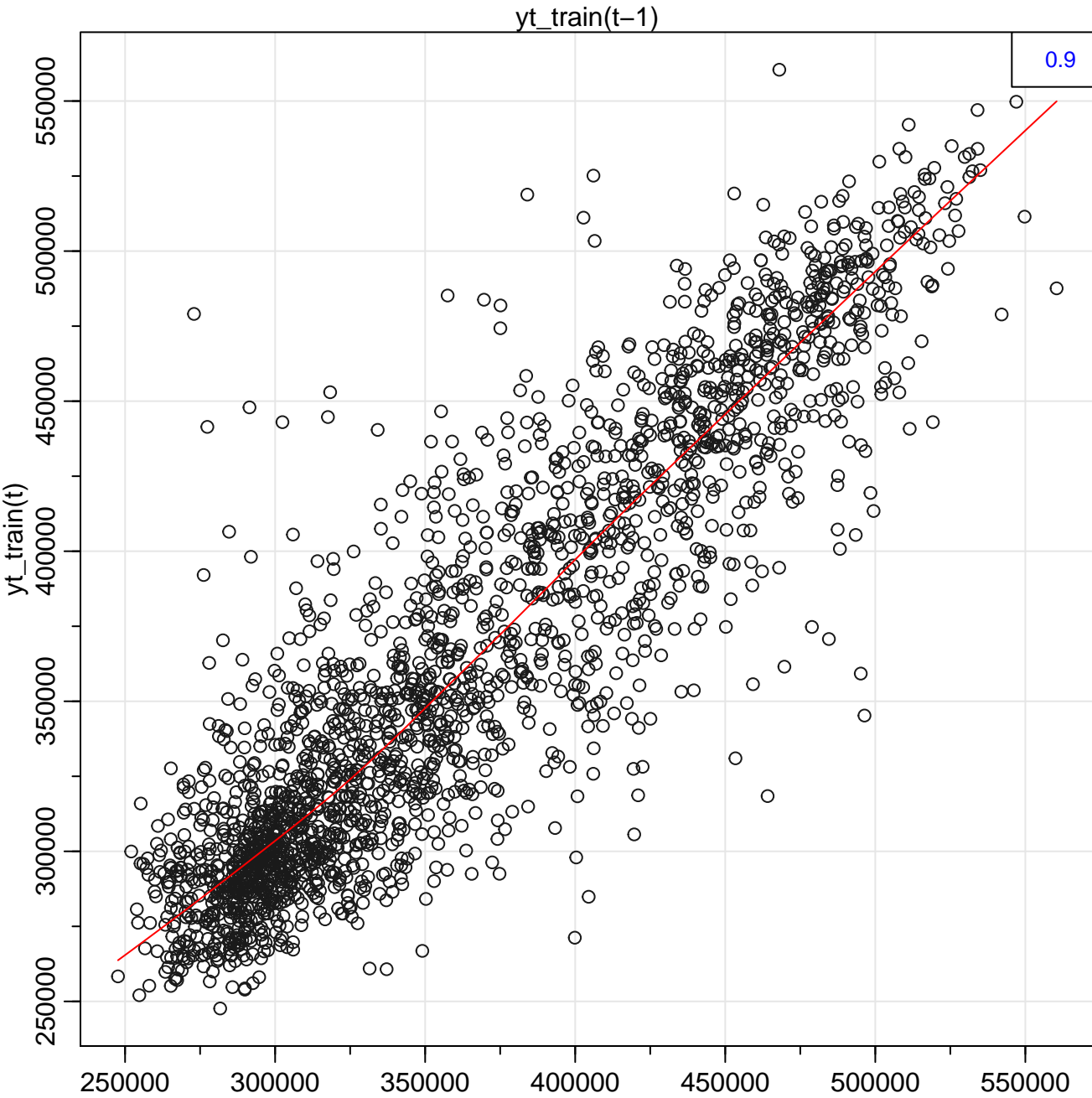
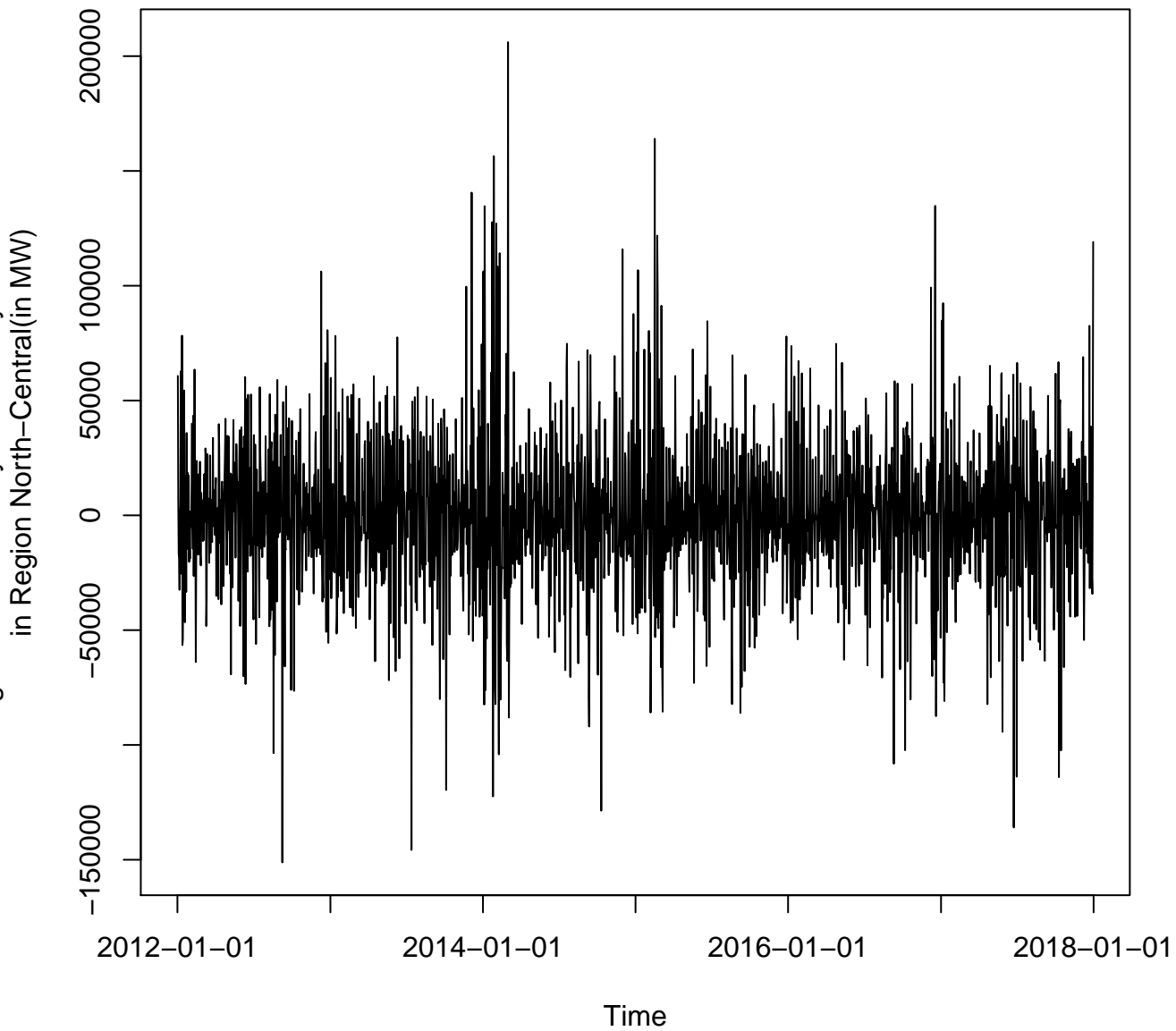
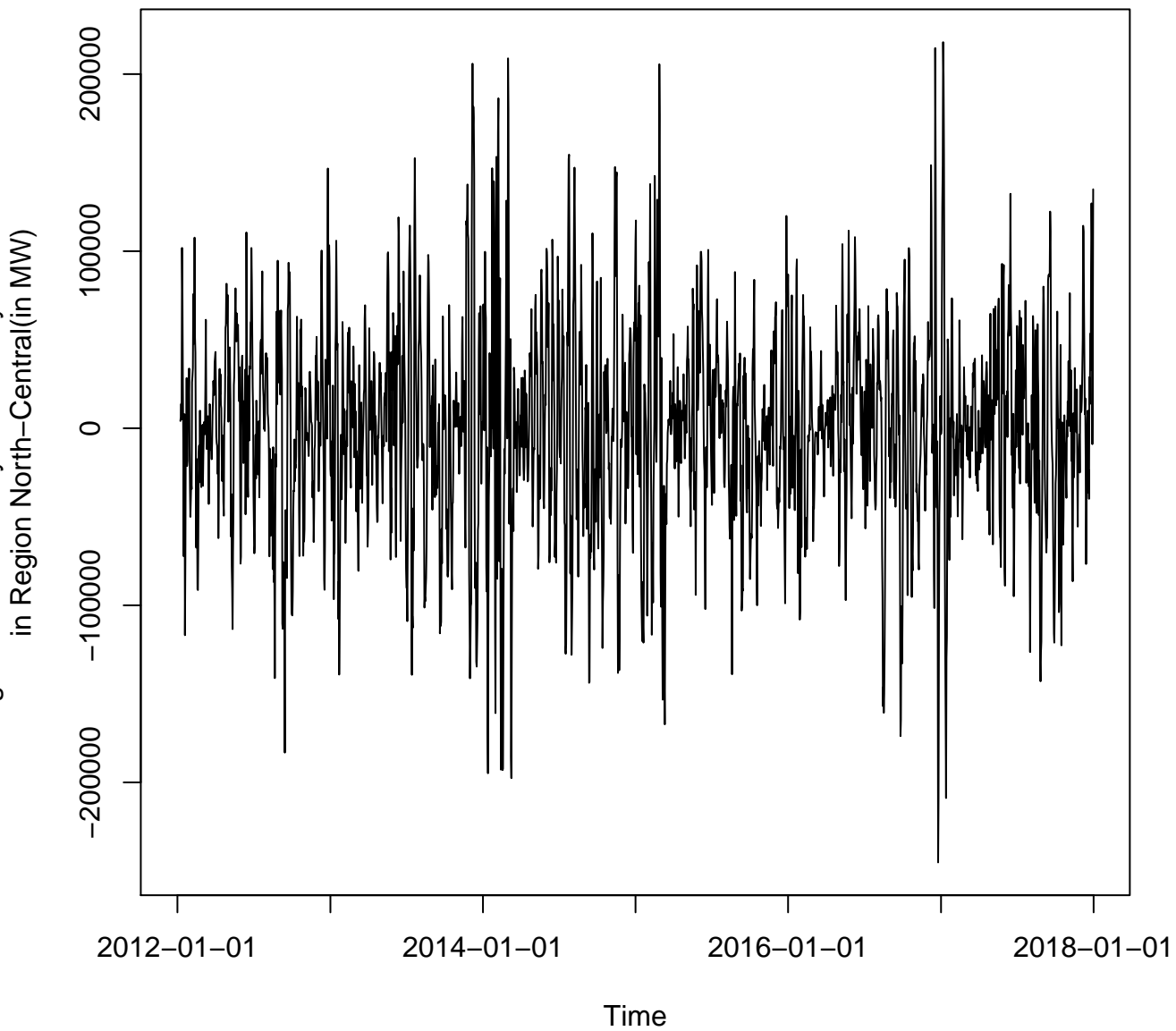


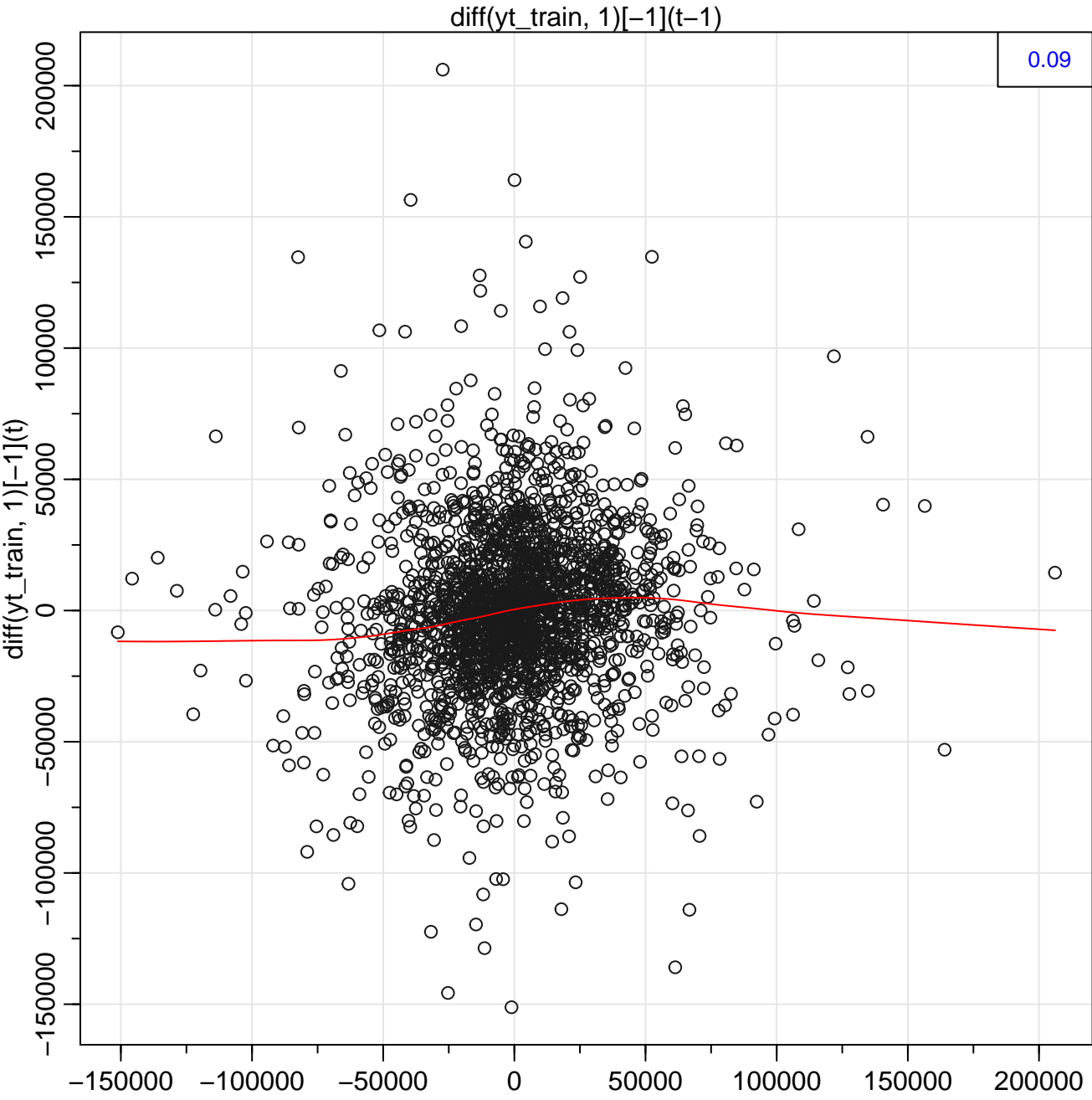
Series: yt\_train



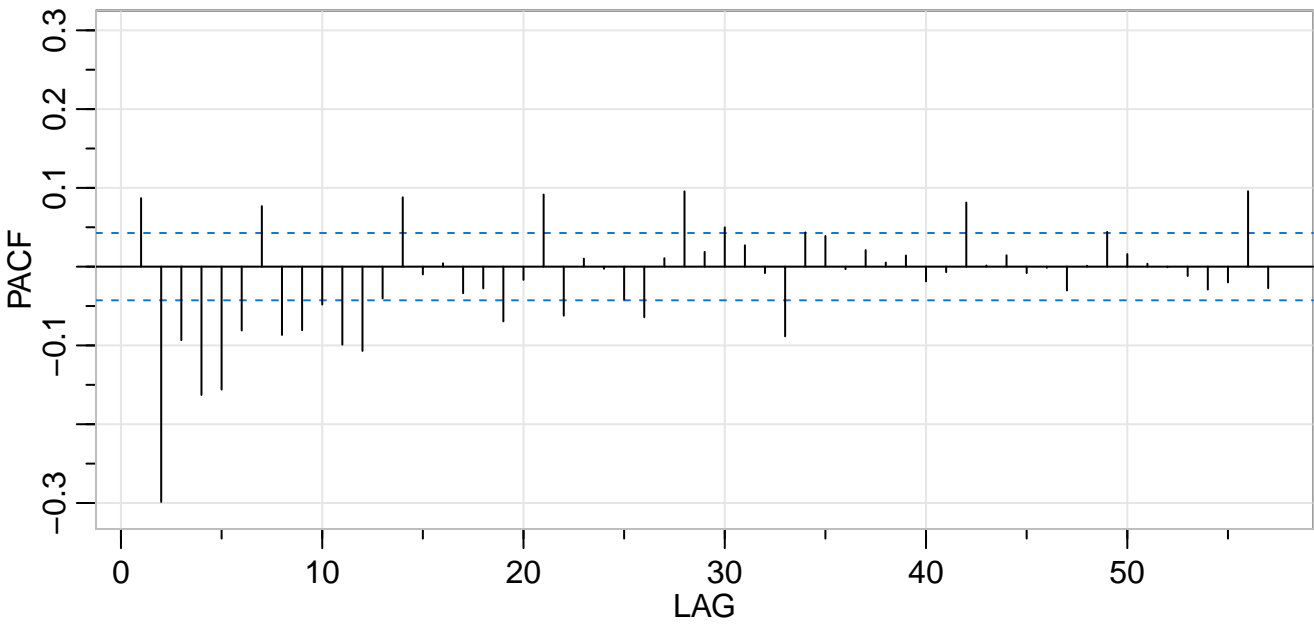
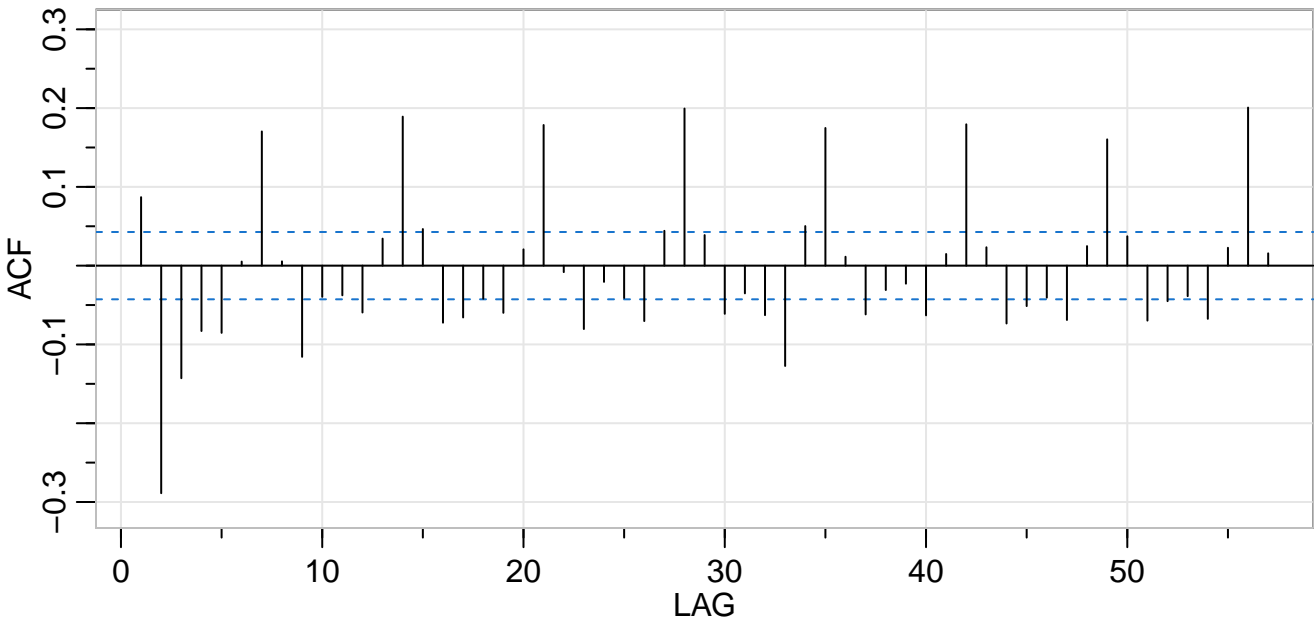




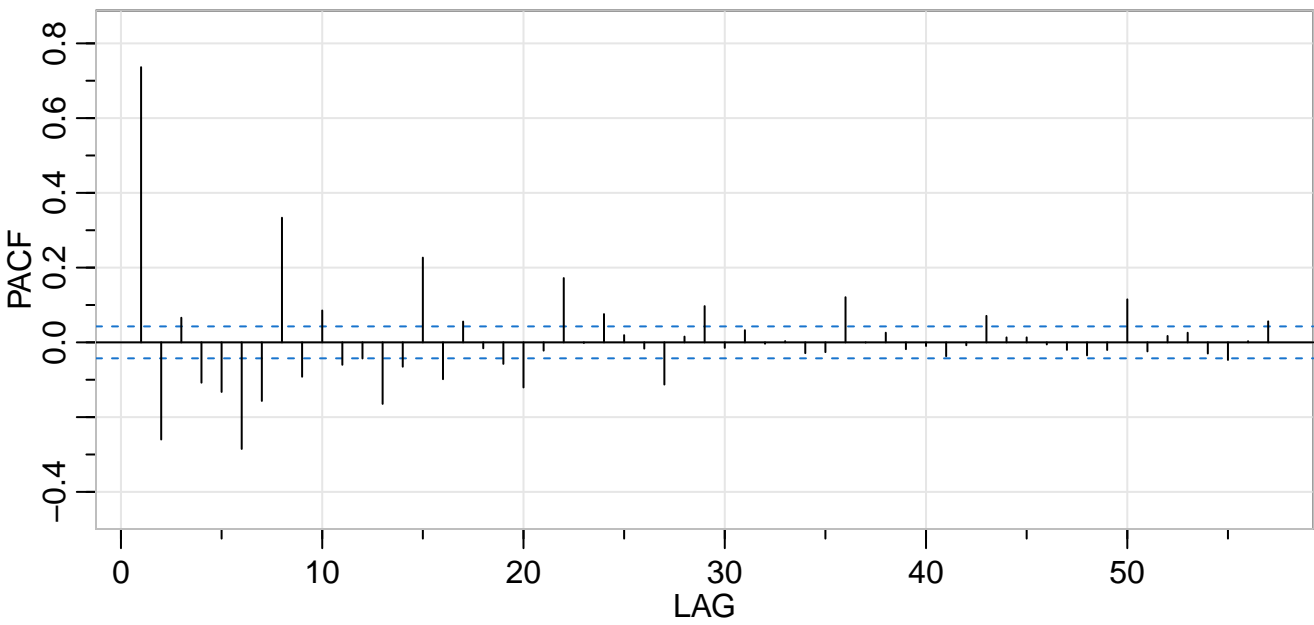
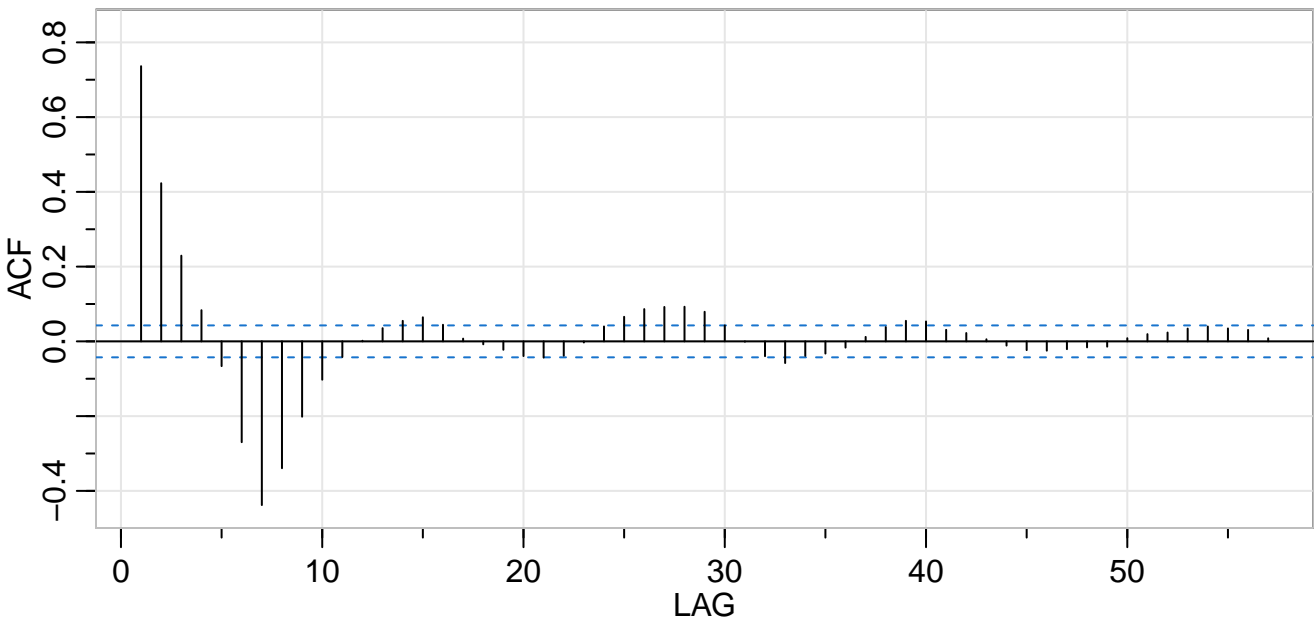




Series: diff(yt\_train)

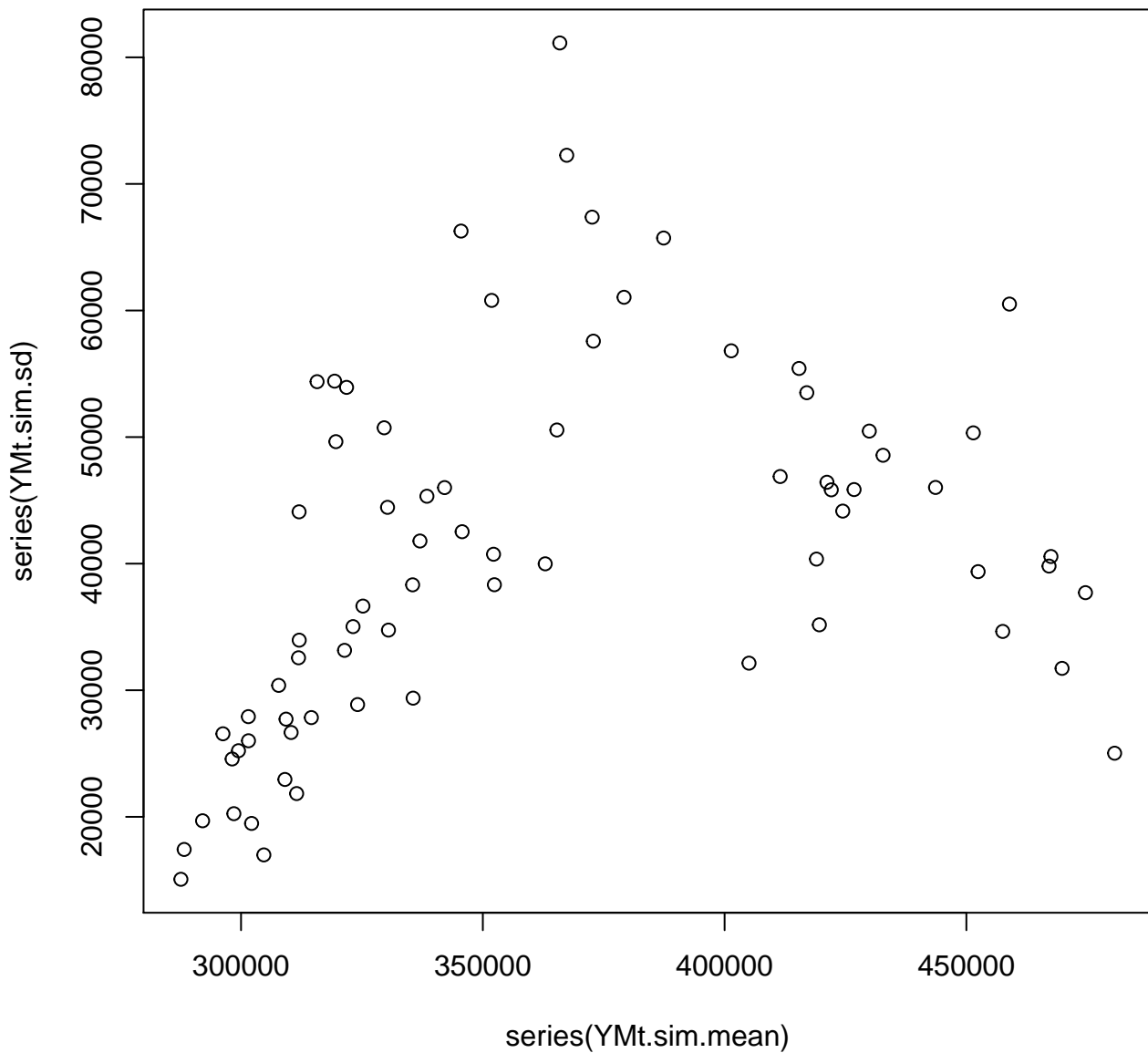


Series: diff(yt\_train, 7)

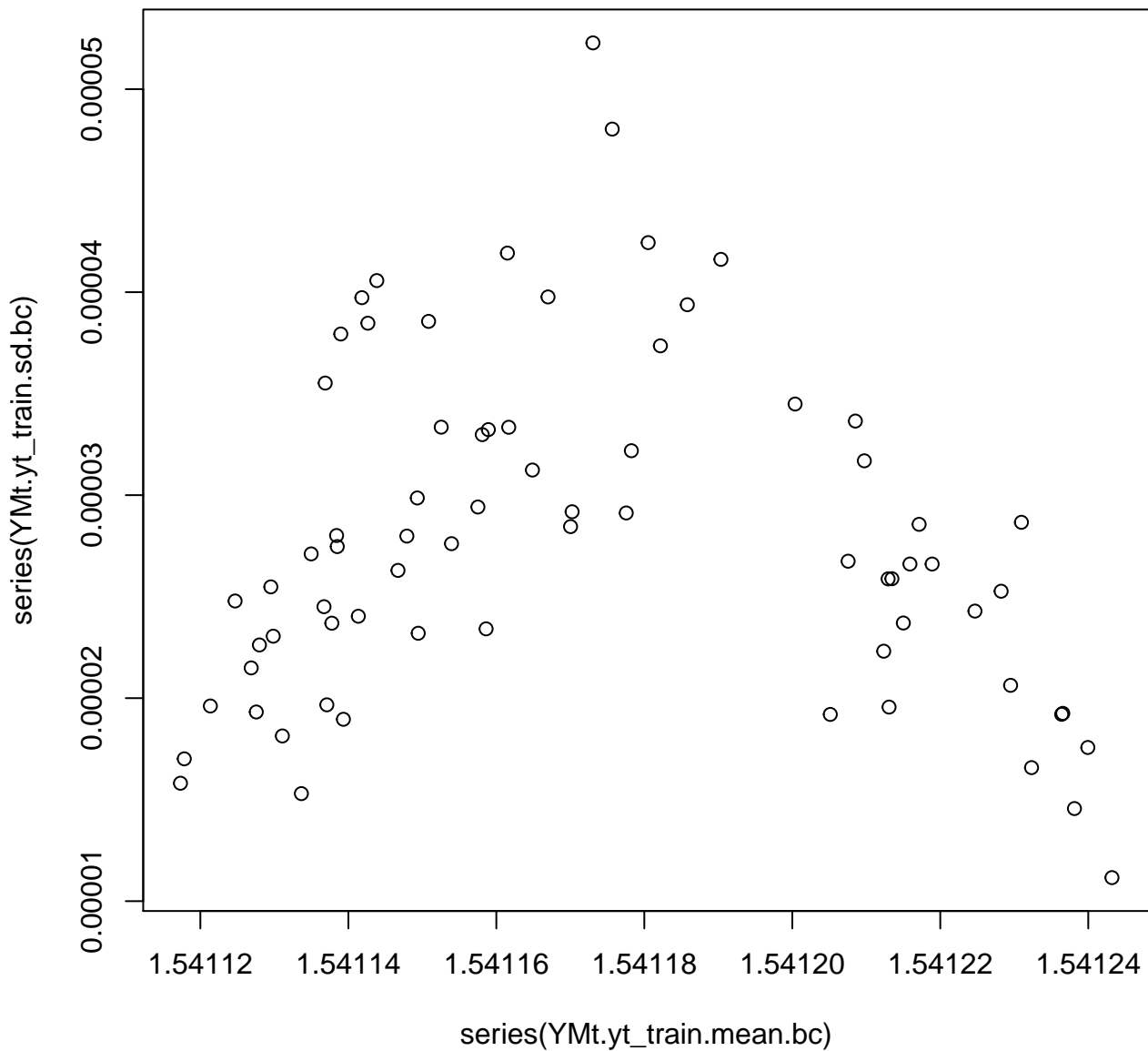




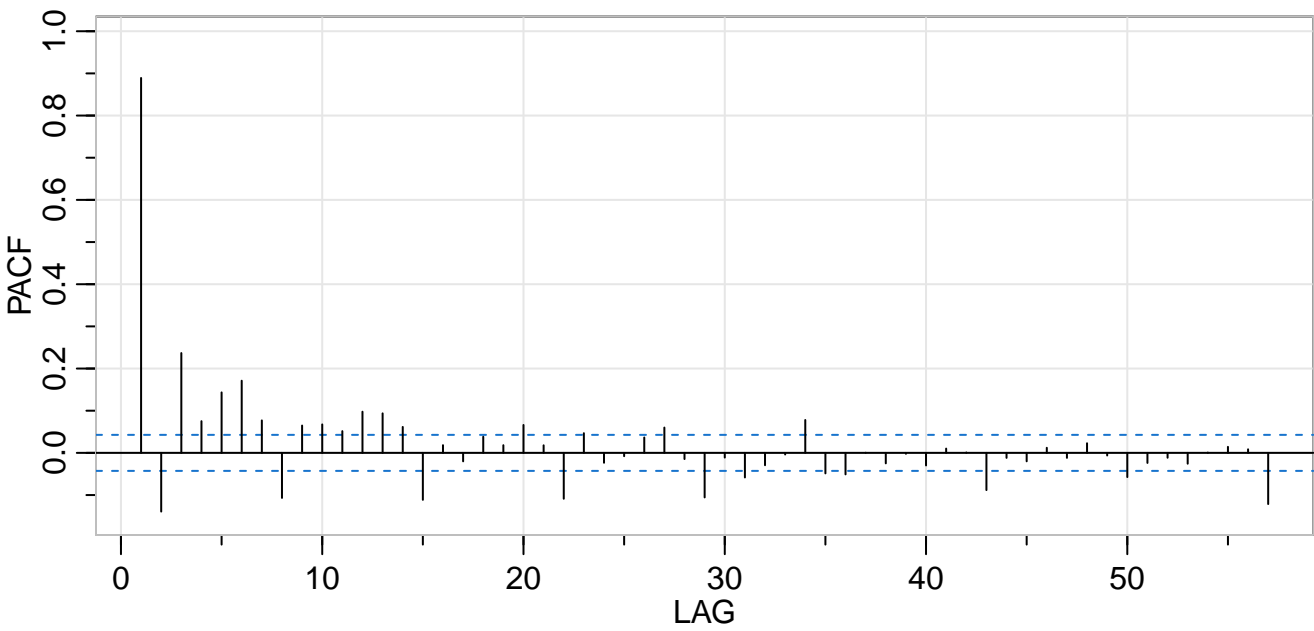
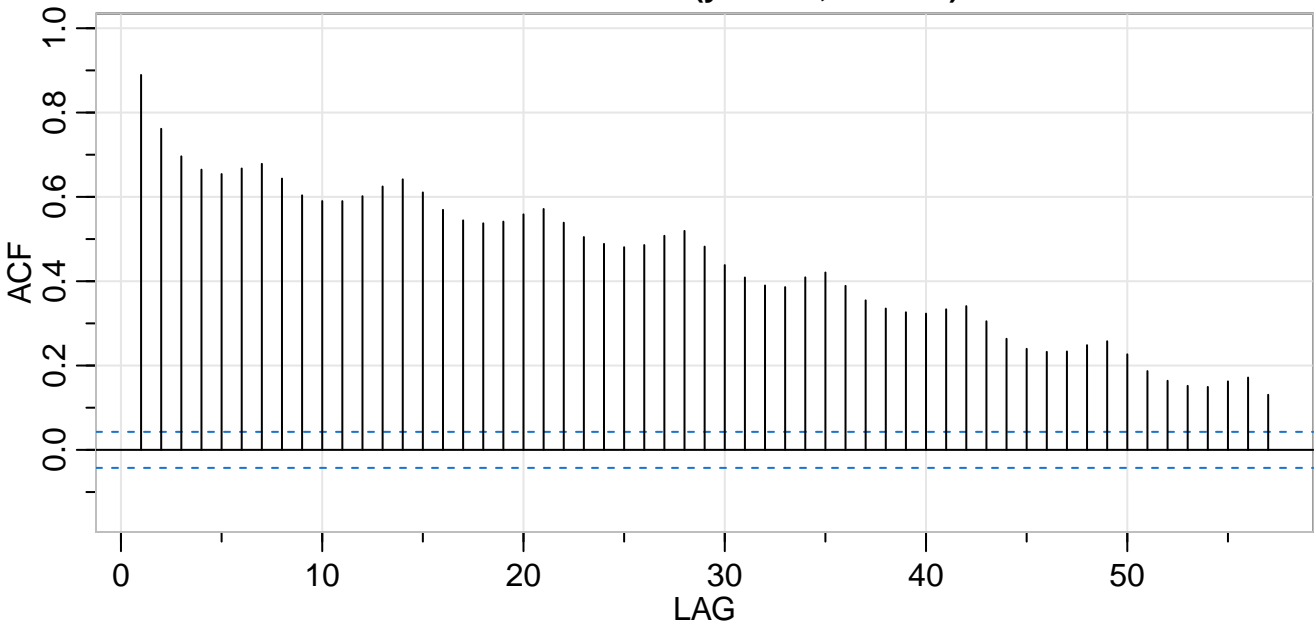
## Before Box-Cox transformation



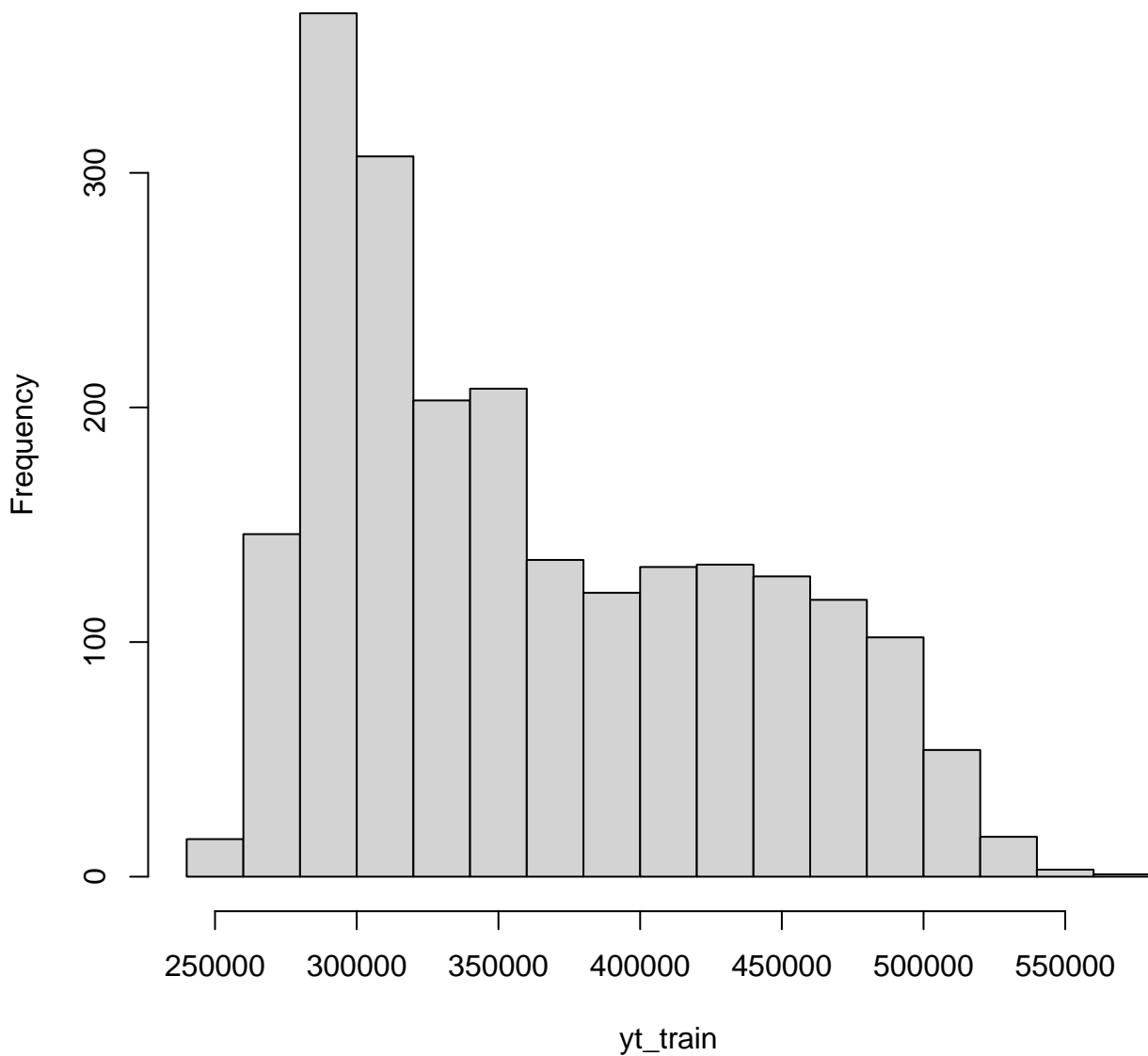
# After Box-Cox transformation, lambda= -0.65



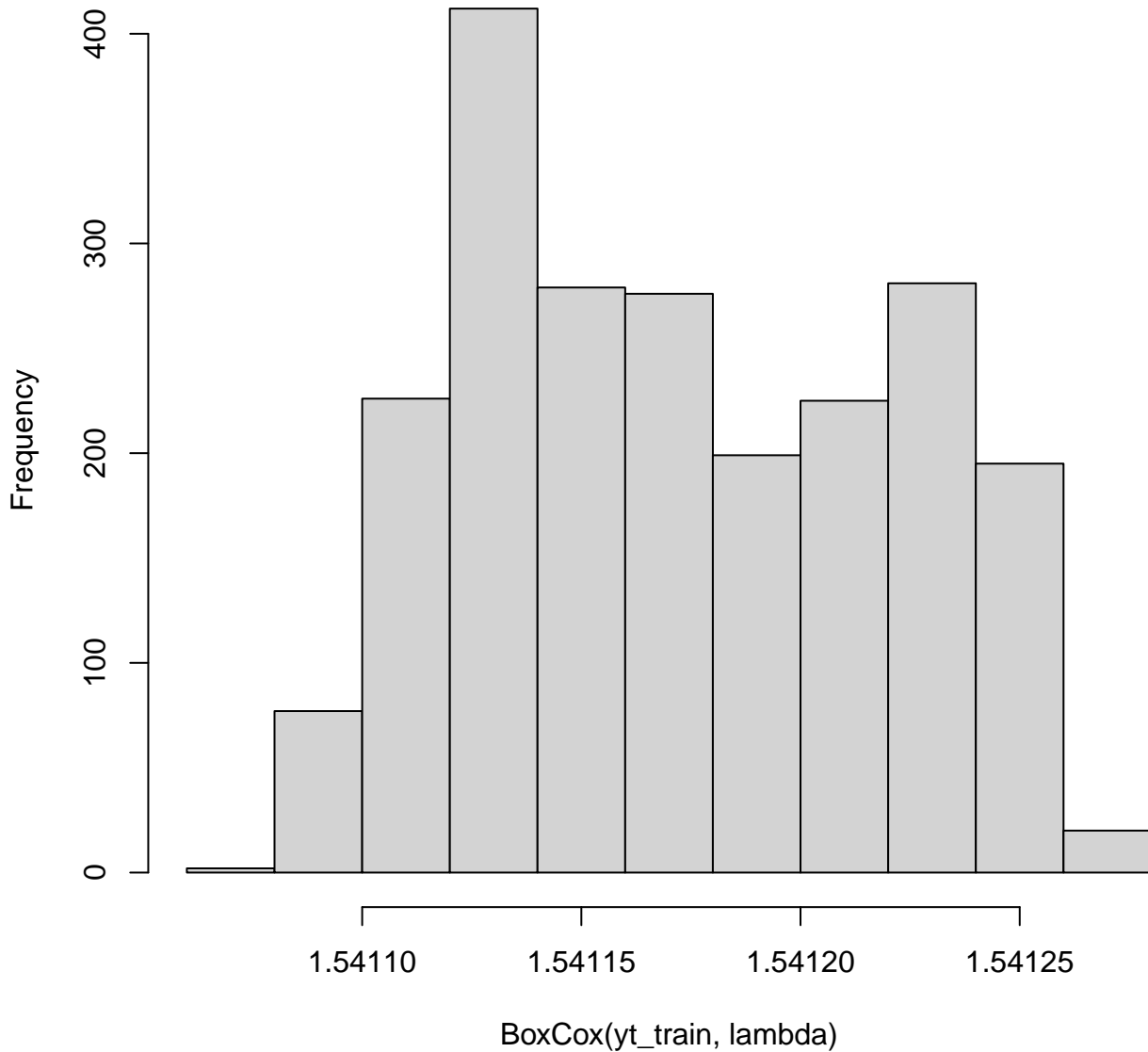
Series: BoxCox(yt\_train, lambda)

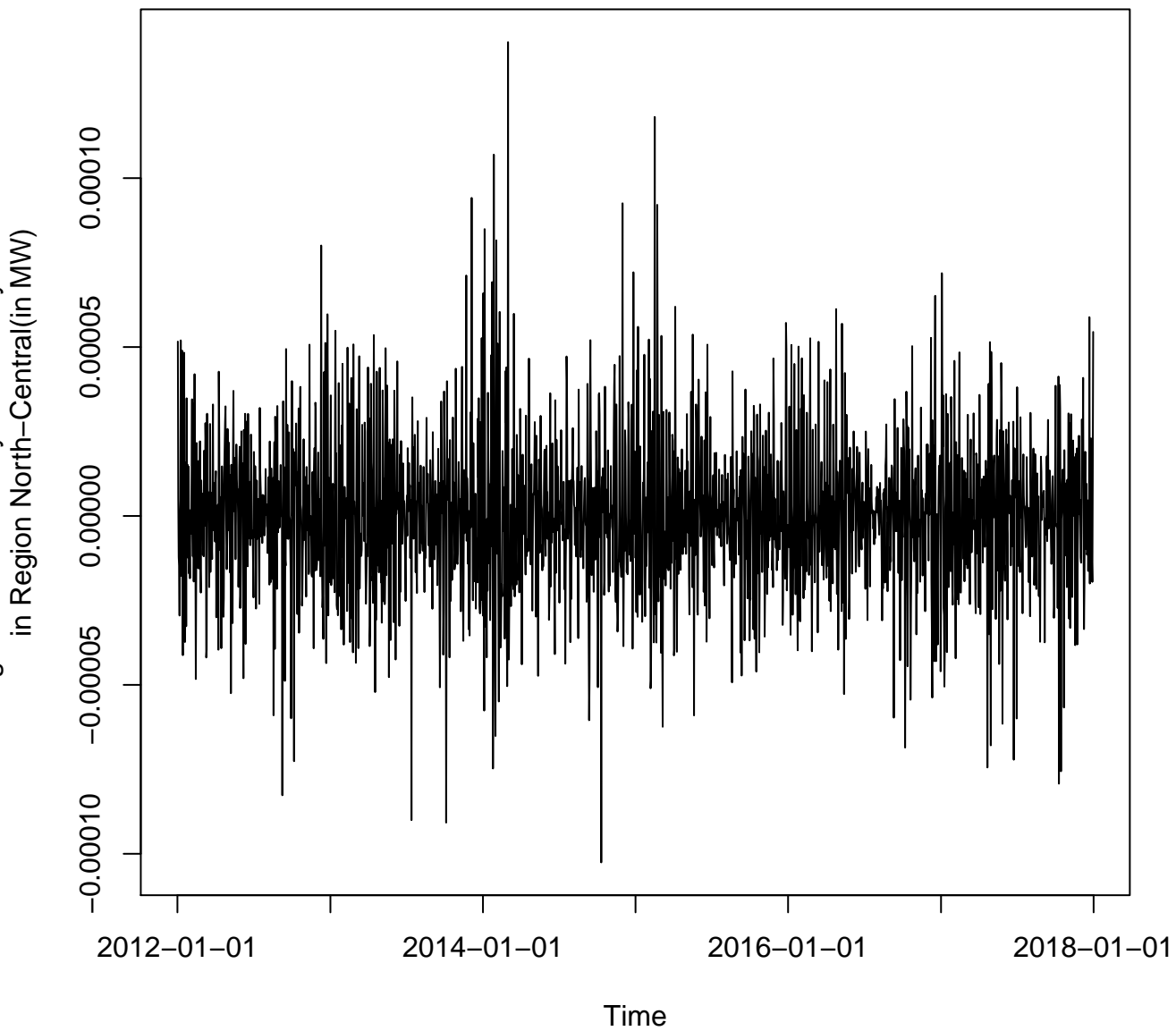


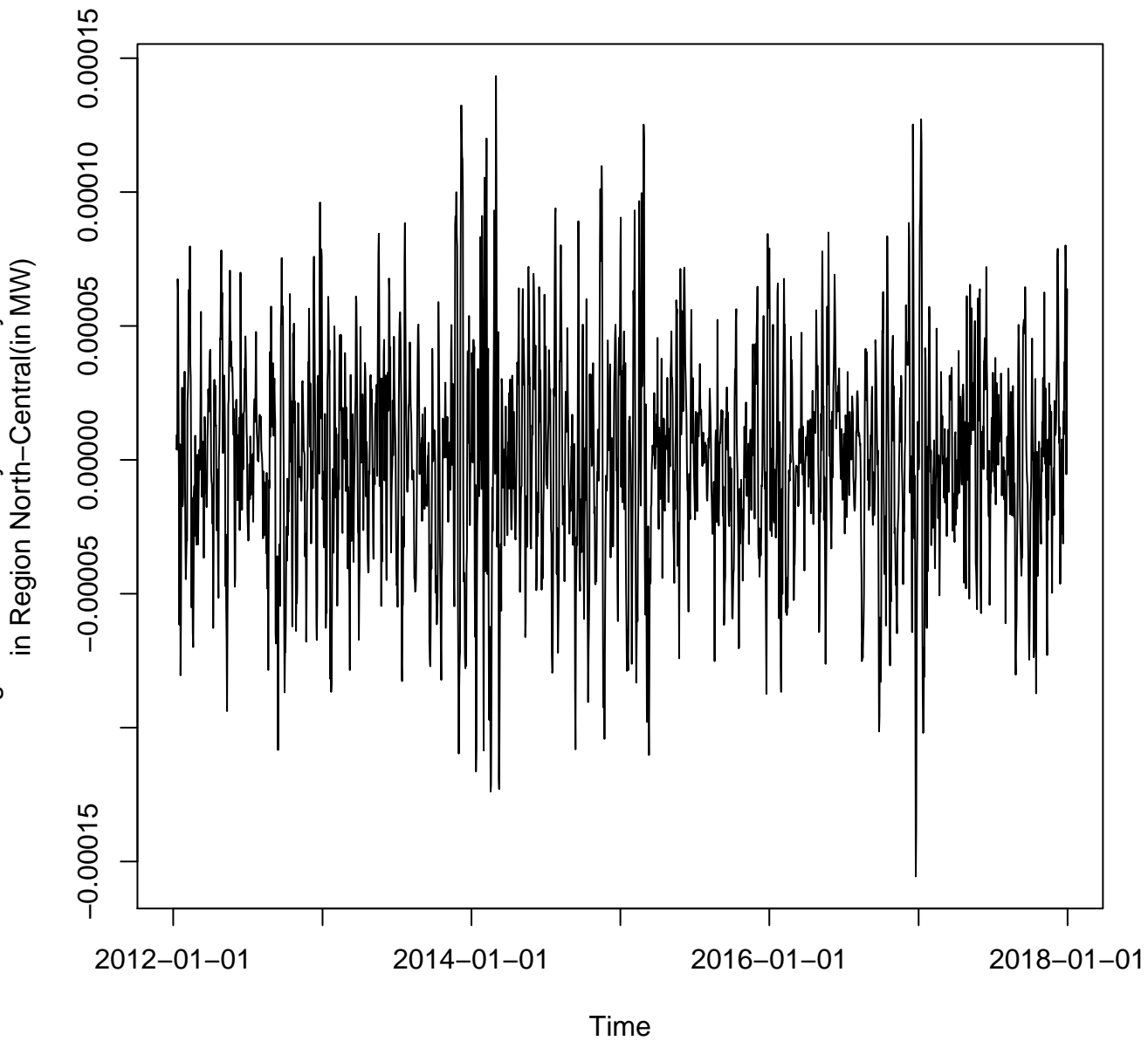
## Before Box-Cox



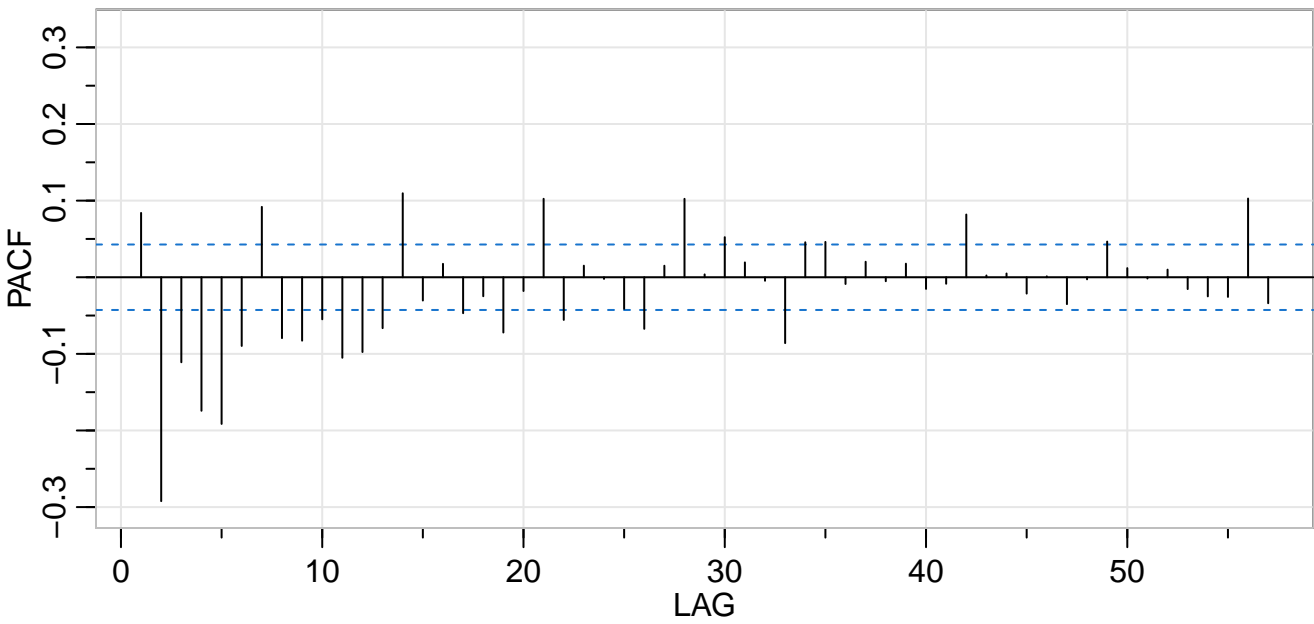
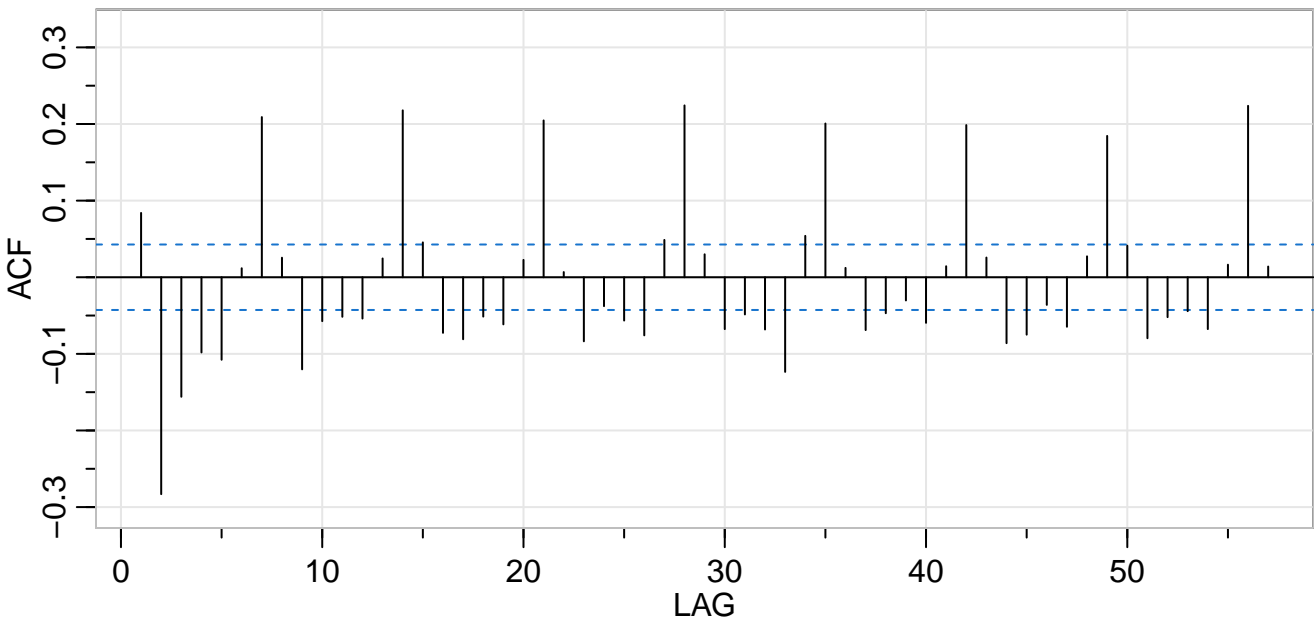
## After Box-Cox





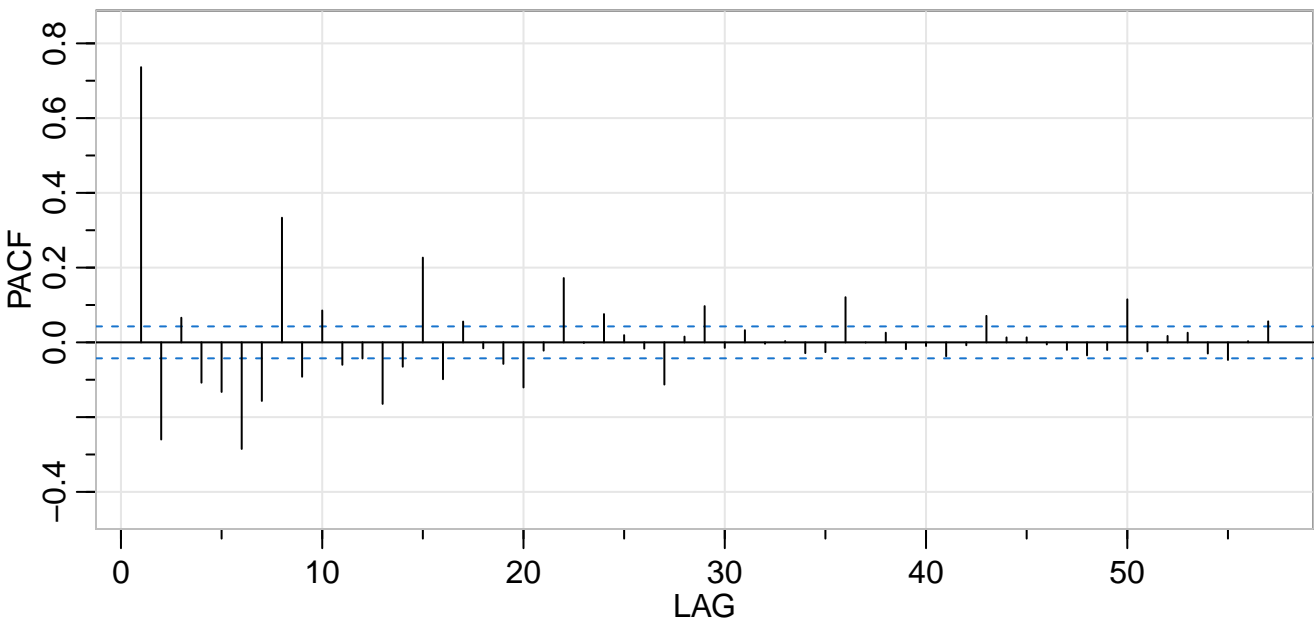
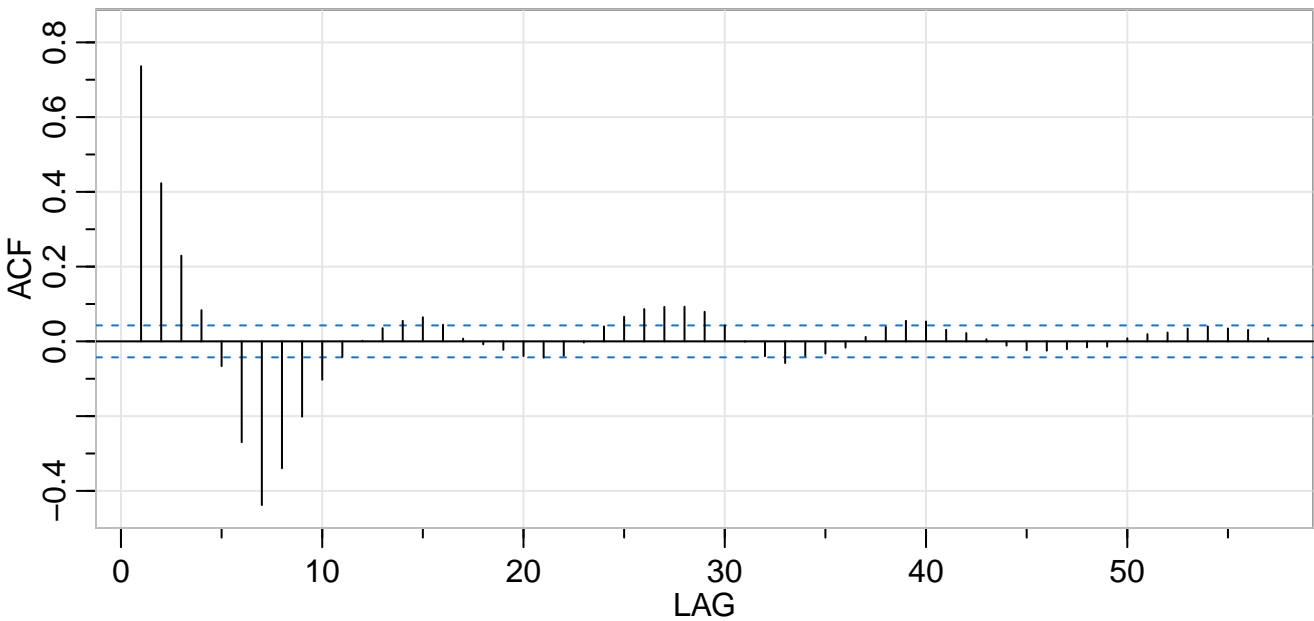


Series: diff(Yt.bc)

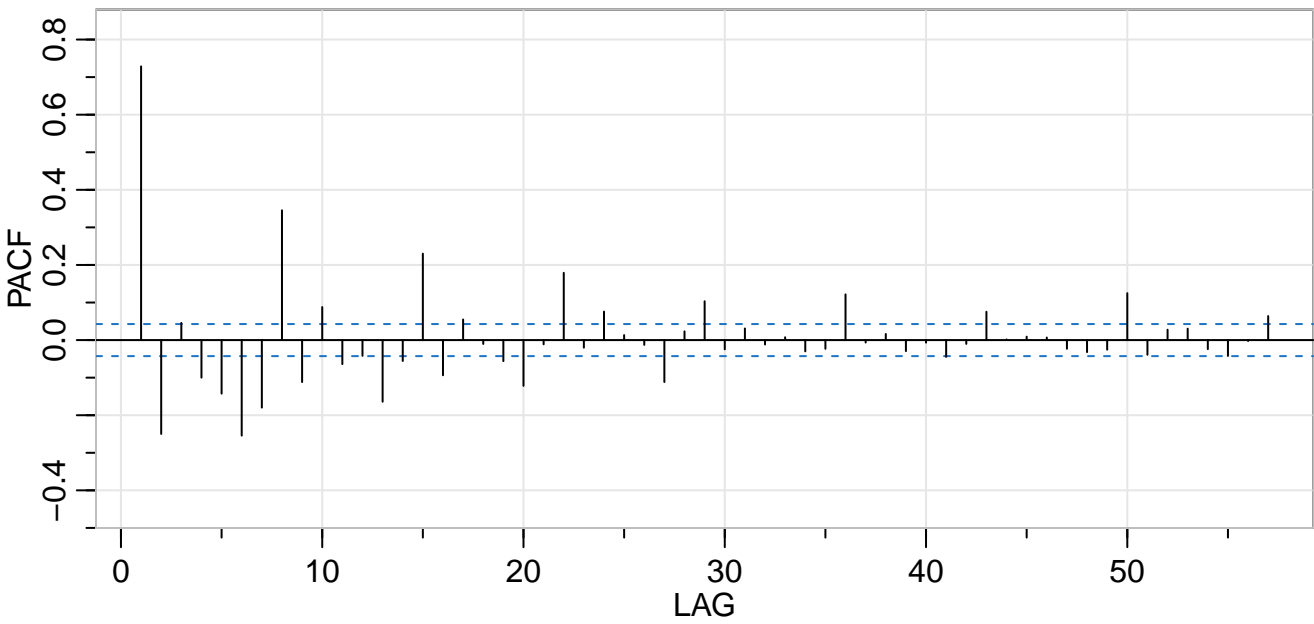
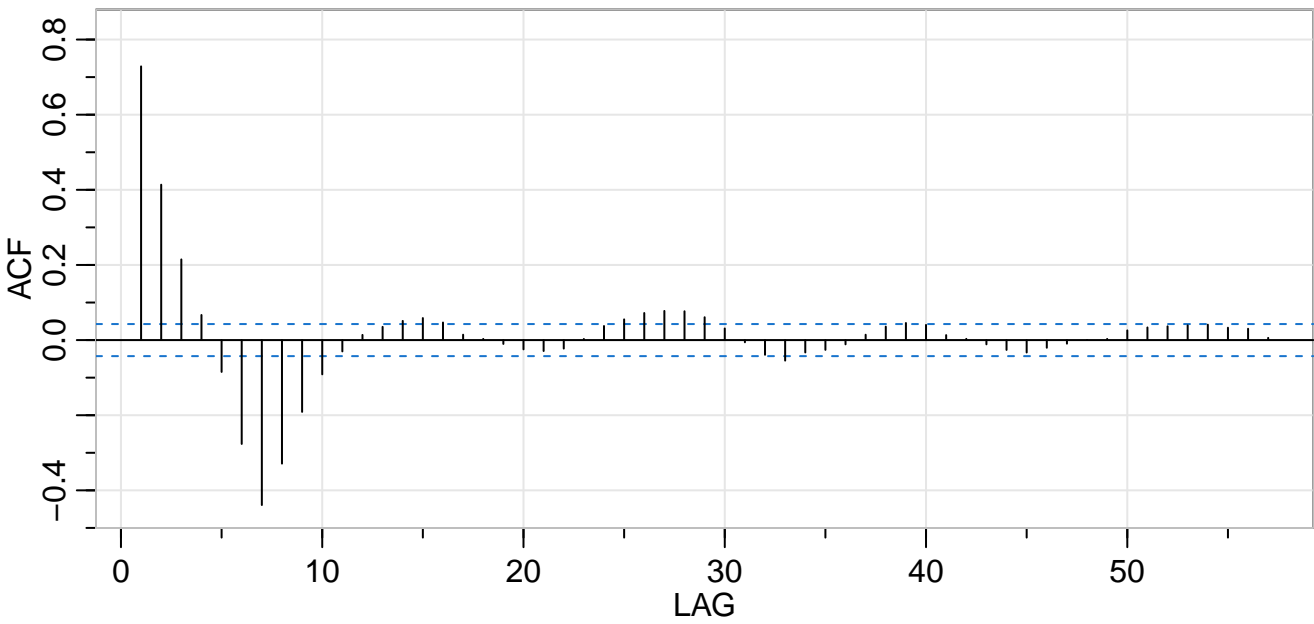




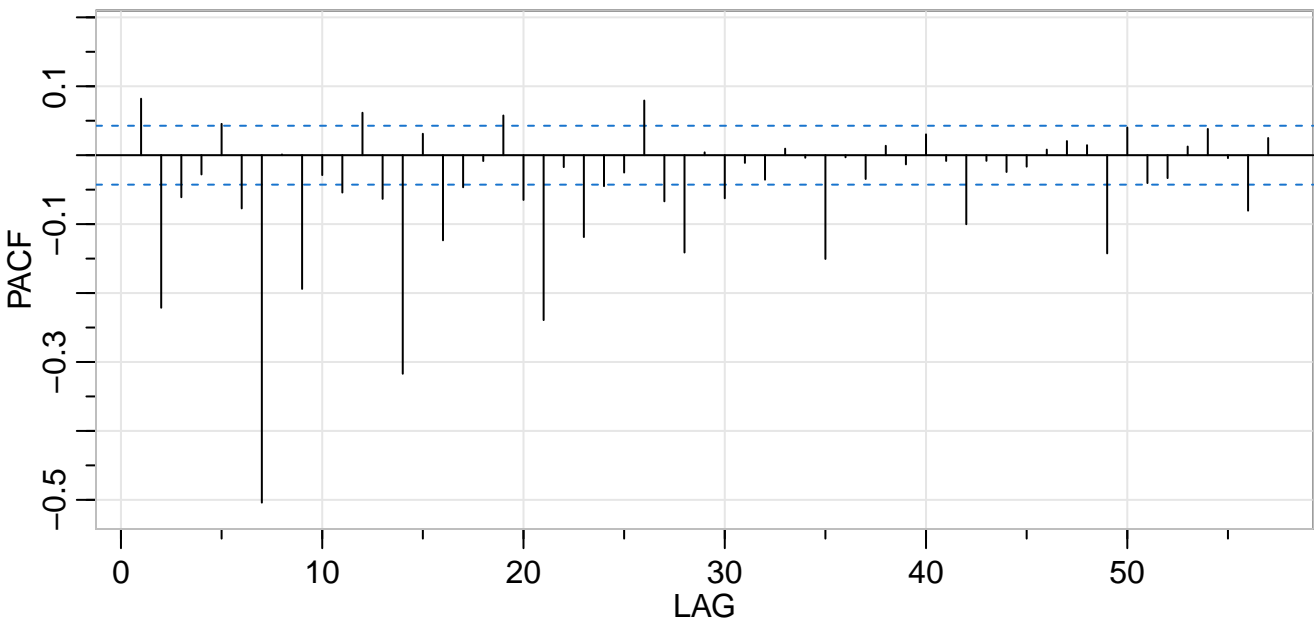
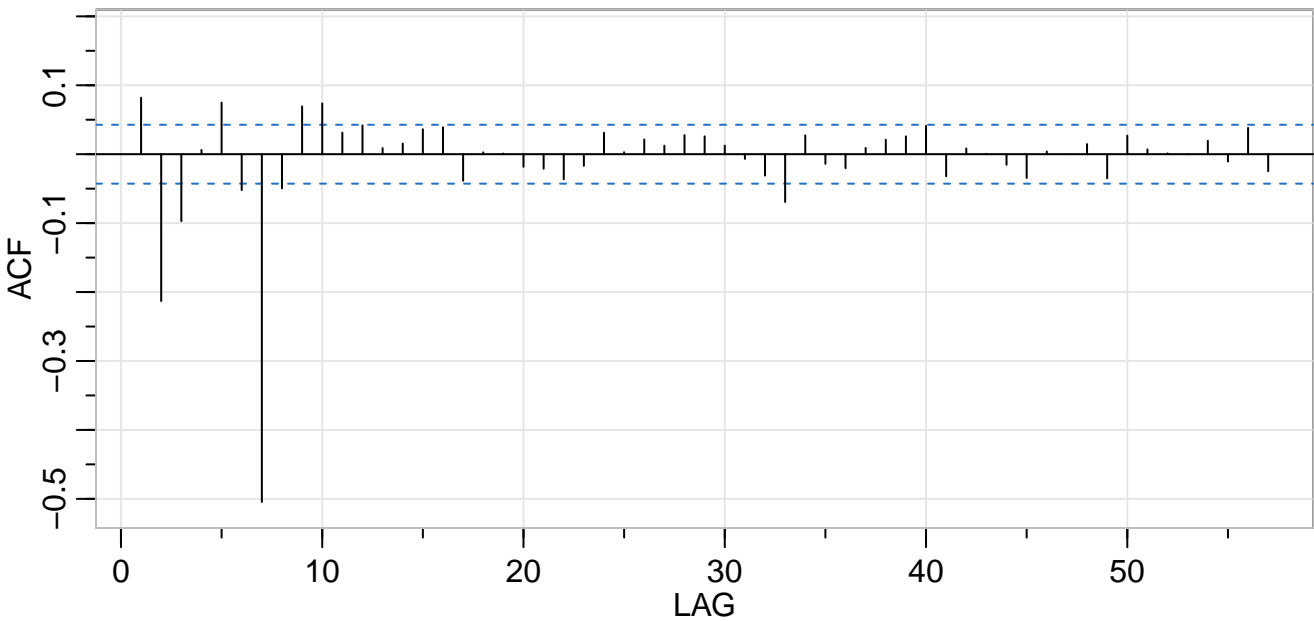
Series: diff(yt\_train, 7)



Series: diff7

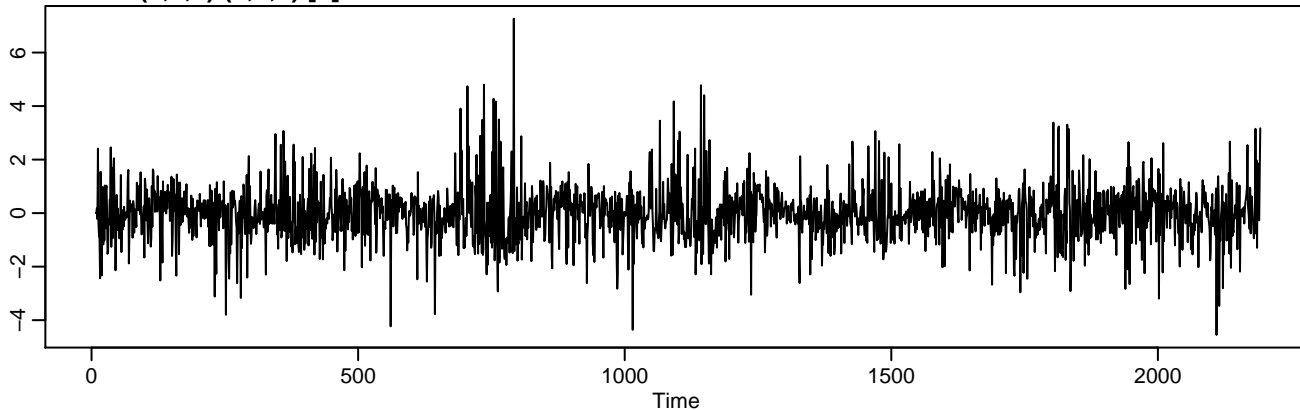


Series: diff(diff7, 1)

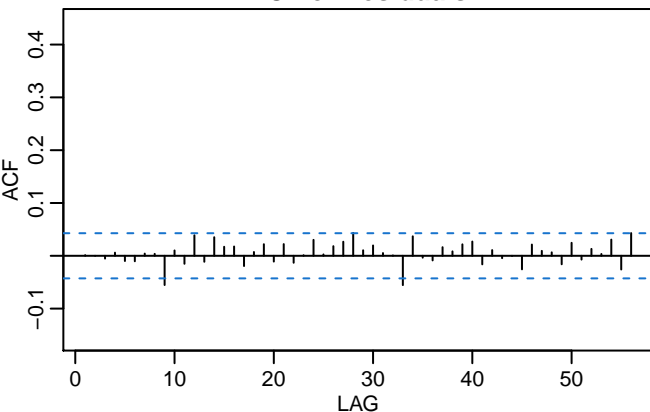


Model: (1,1,2) (0,0,1) [7]

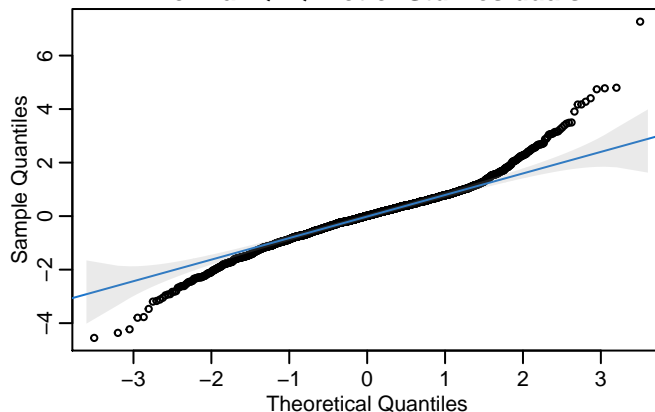
Standardized Residuals



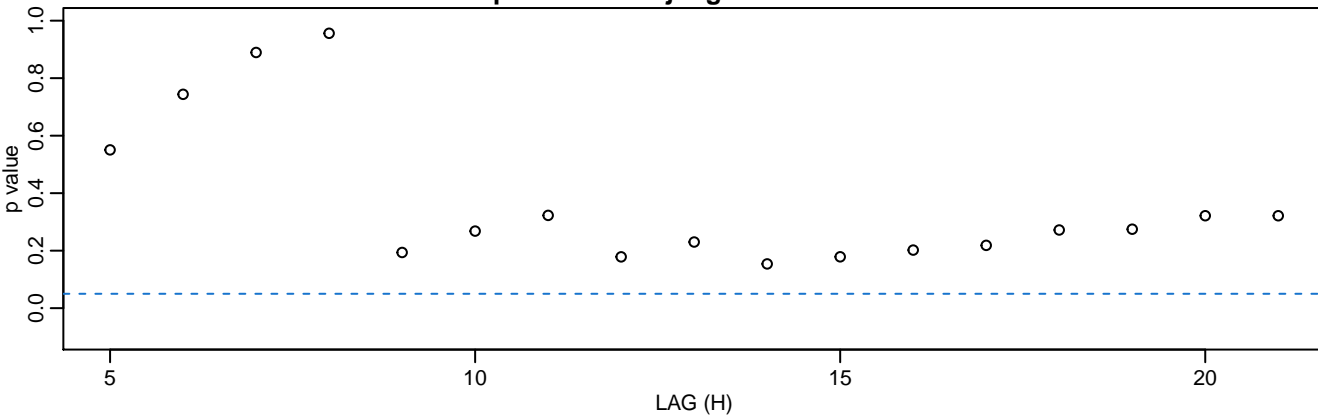
ACF of Residuals



Normal Q-Q Plot of Std Residuals

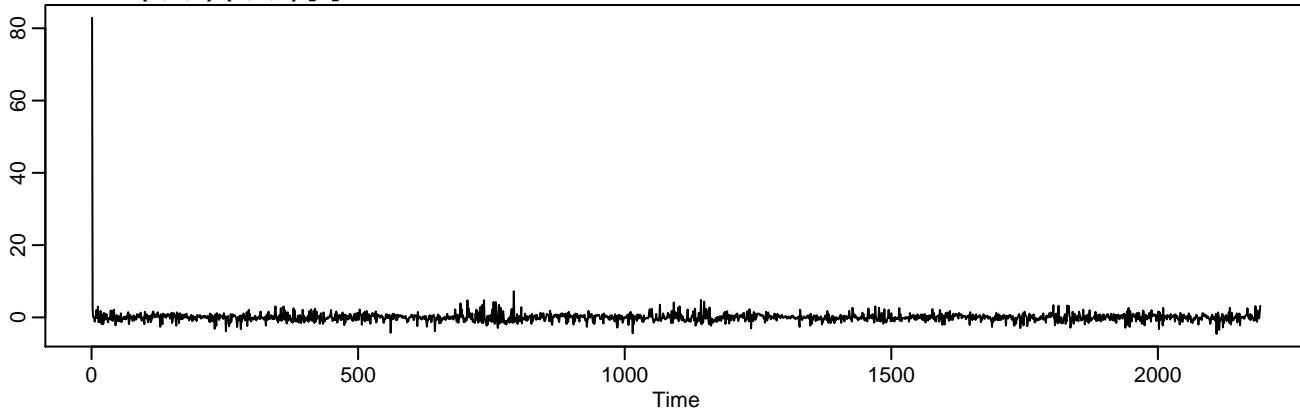


p values for Ljung-Box statistic

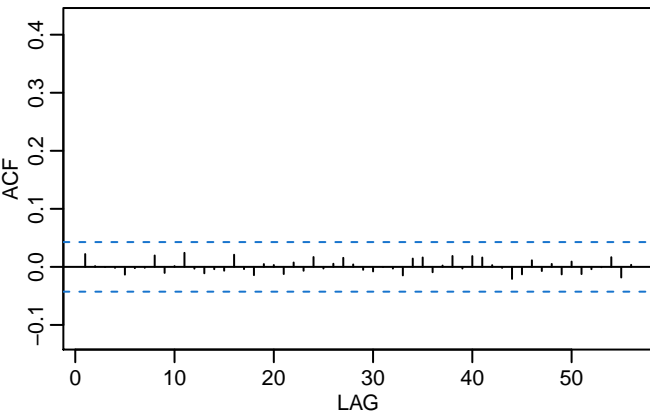


Model: (1,1,2) (1,0,1) [7]

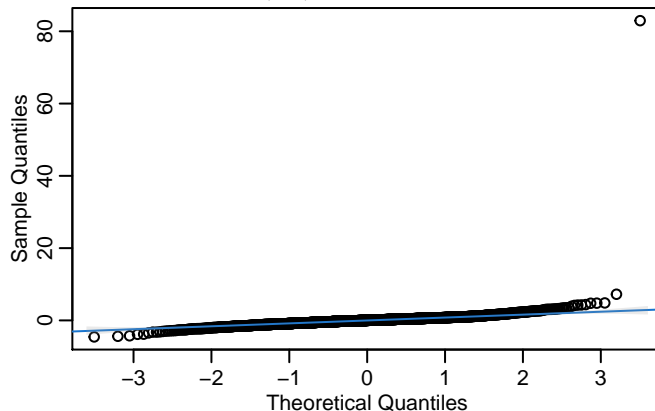
Standardized Residuals



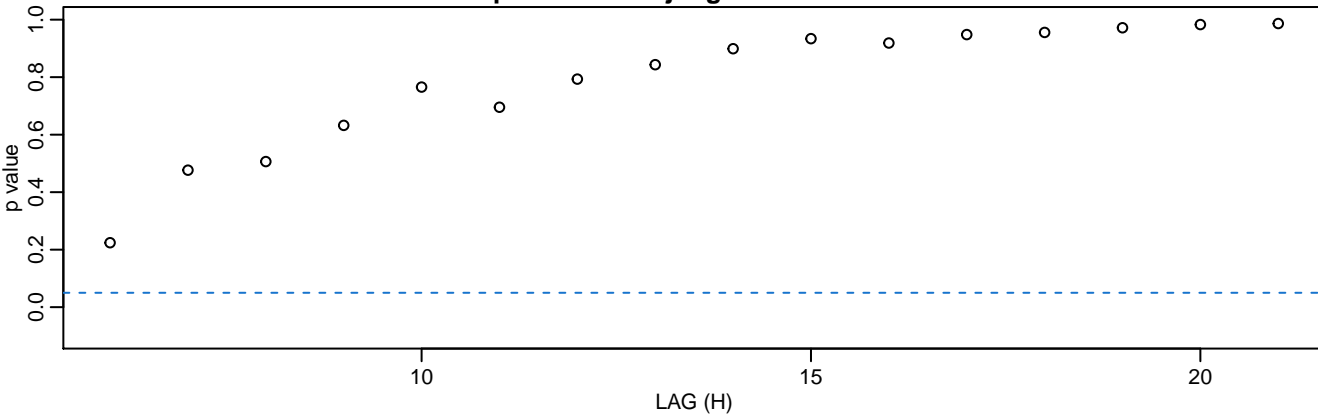
ACF of Residuals



Normal Q-Q Plot of Std Residuals

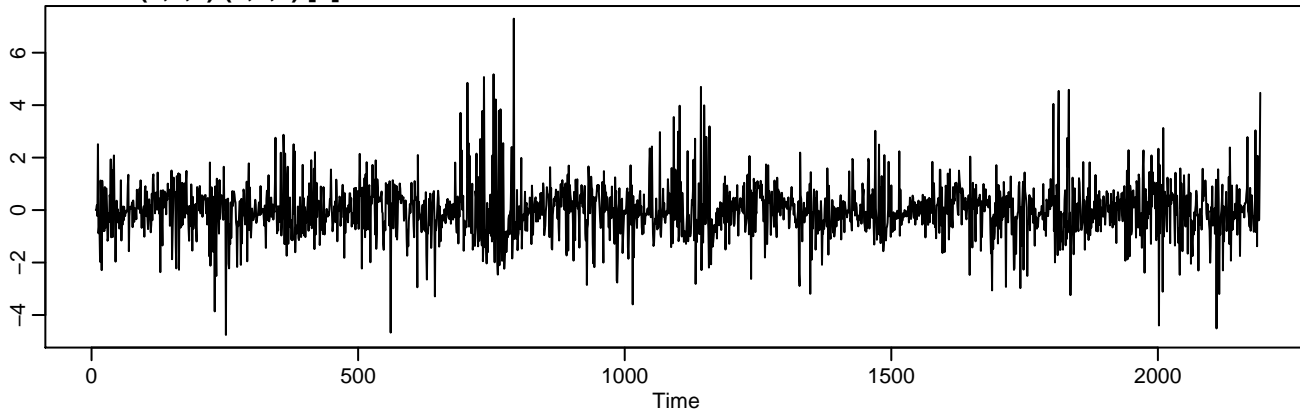


p values for Ljung-Box statistic

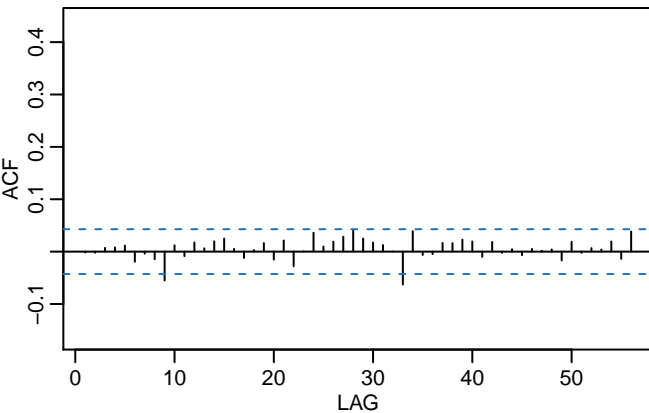


Model: (1,1,2) (0,0,1) [7]

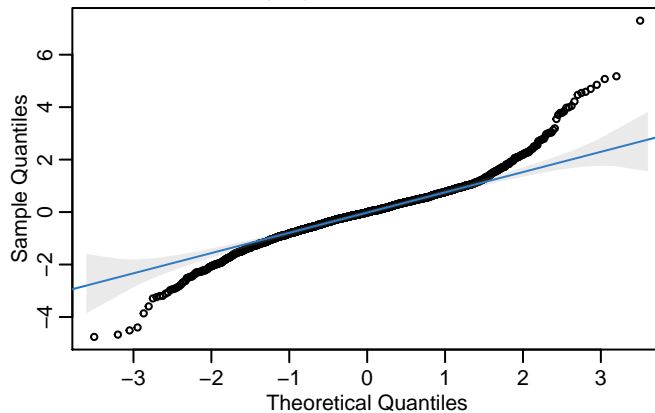
Standardized Residuals



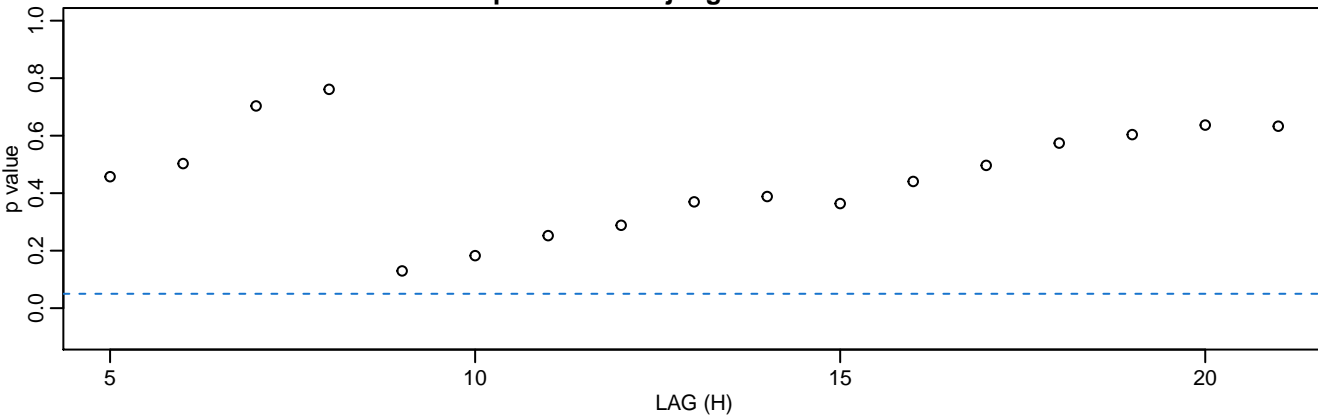
ACF of Residuals



Normal Q-Q Plot of Std Residuals

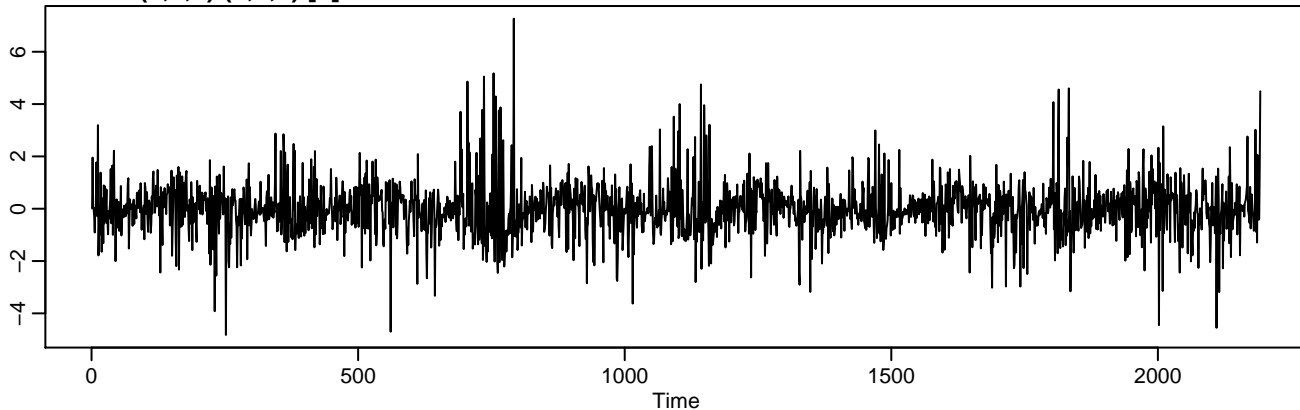


p values for Ljung-Box statistic

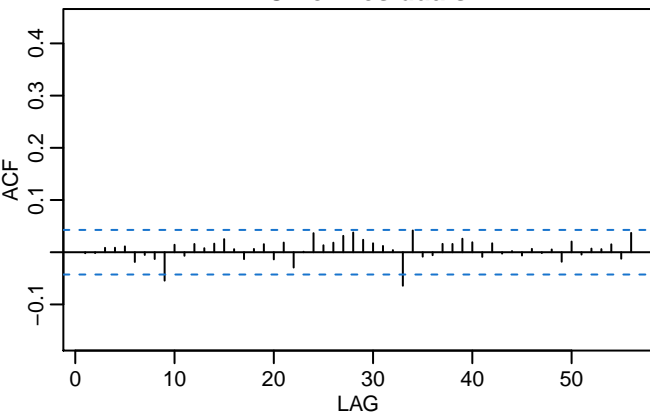


**Model: (1,1,2) (1,0,1) [7]**

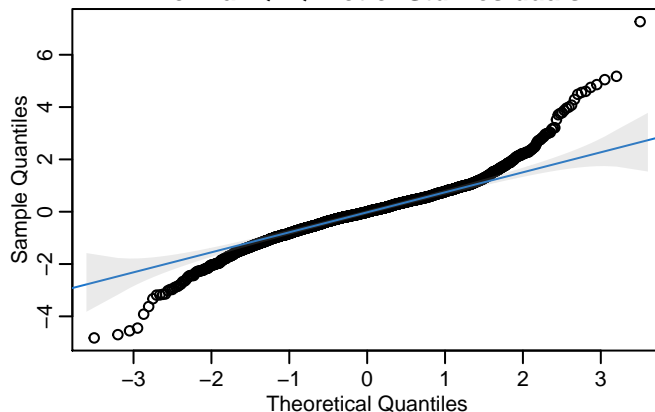
**Standardized Residuals**



**ACF of Residuals**



**Normal Q-Q Plot of Std Residuals**



**p values for Ljung-Box statistic**

