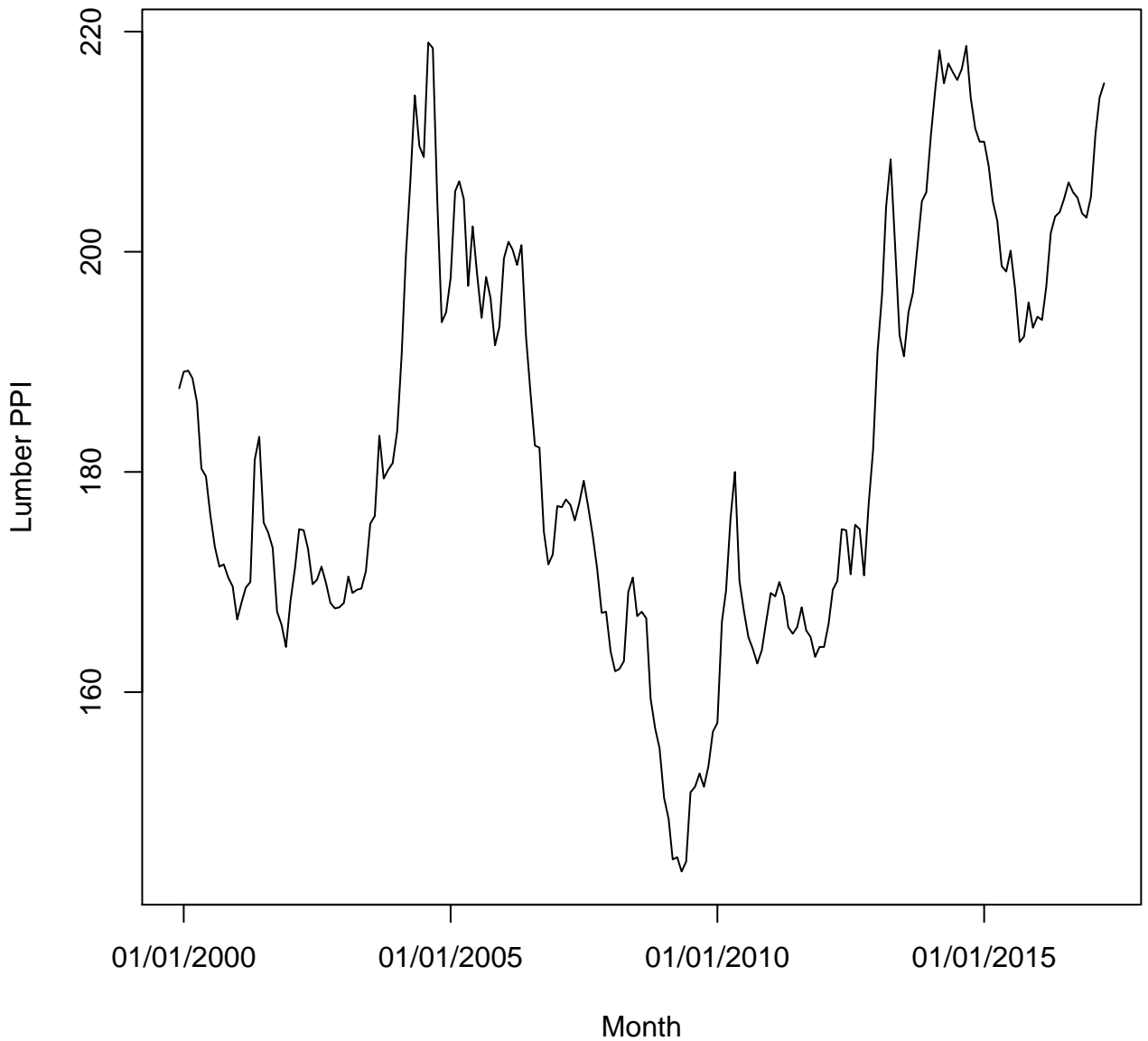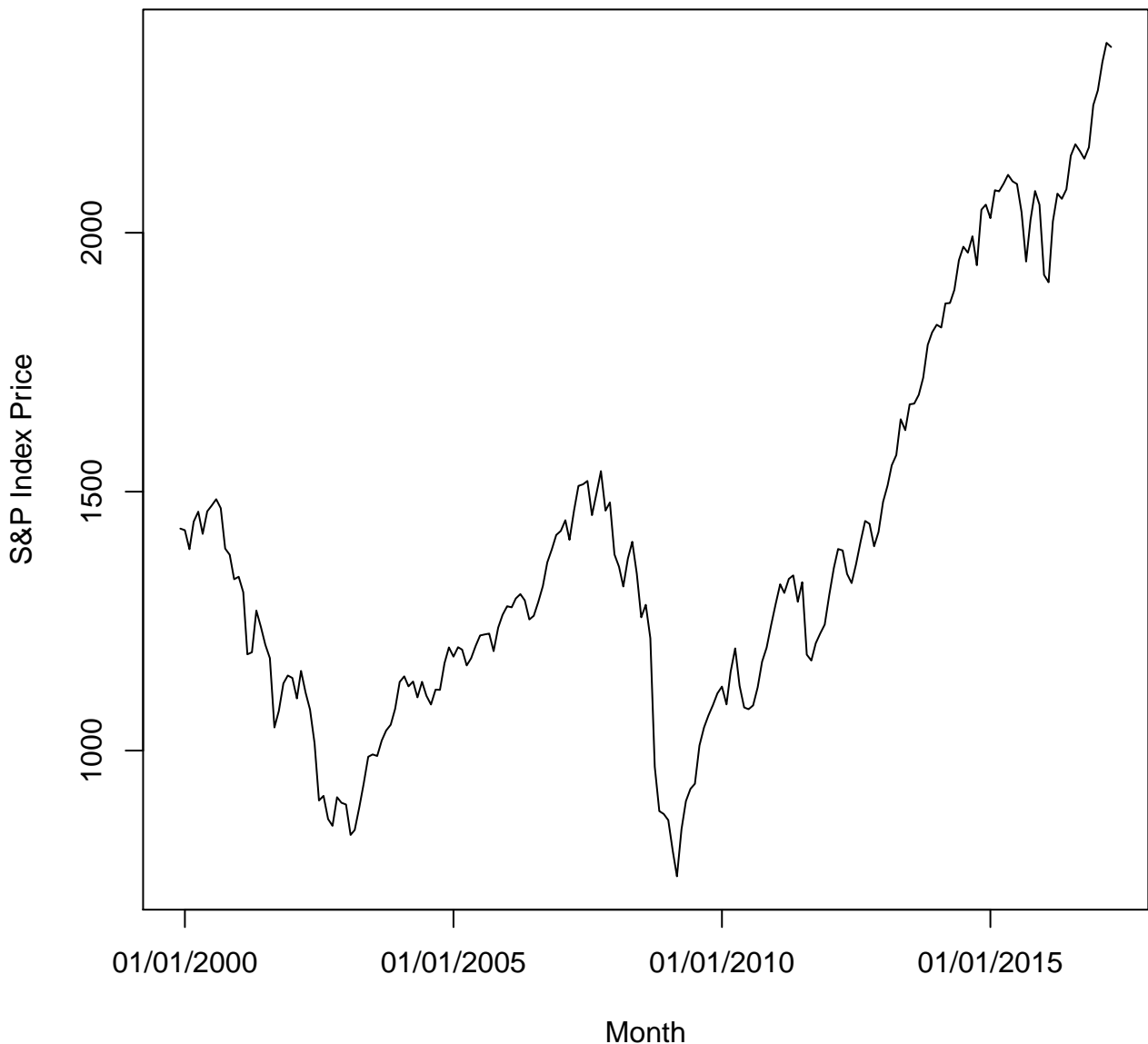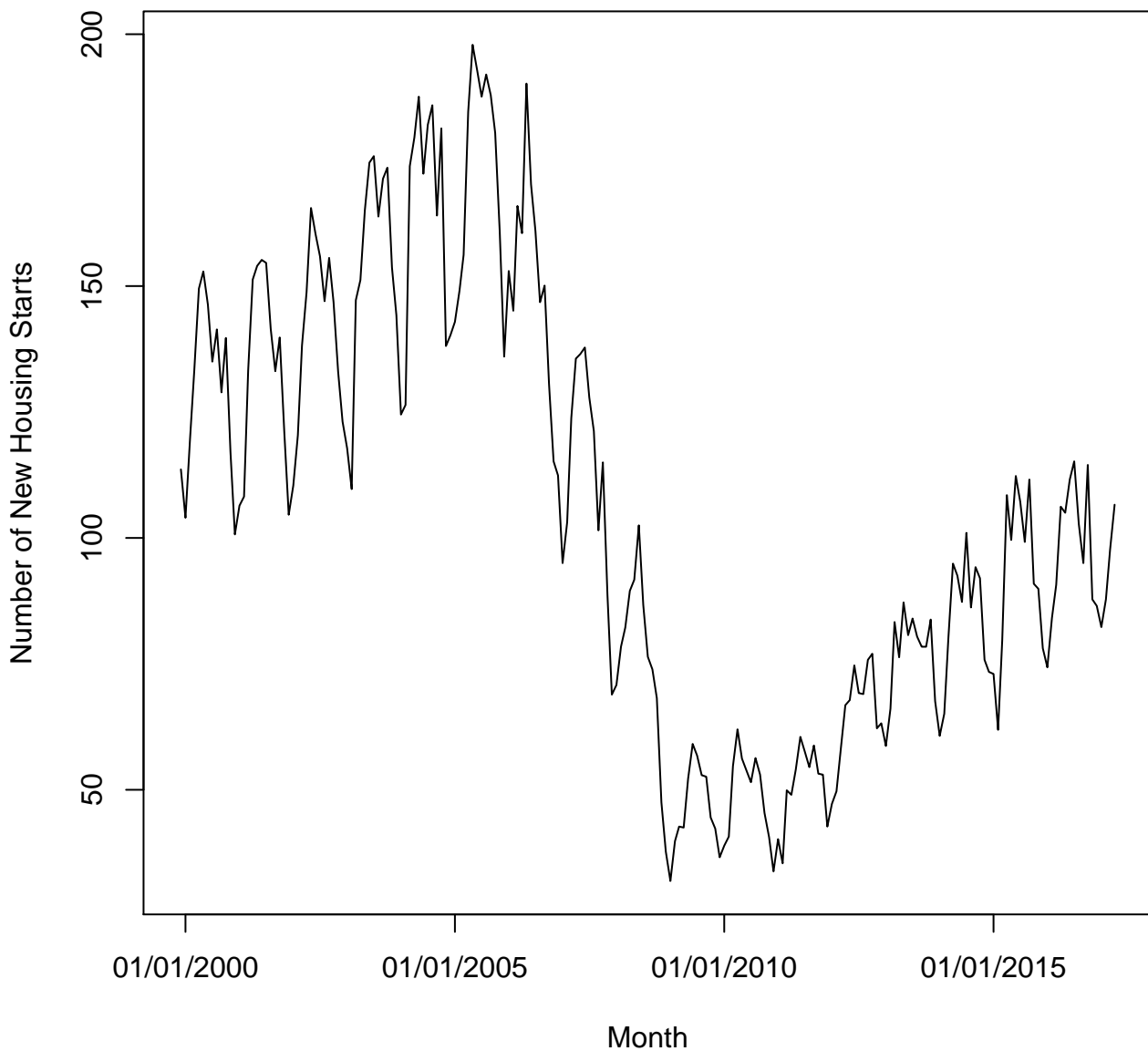**Plot of Lumber PPI**

Plot of S&P Index Price

Plot of New Housing Starts
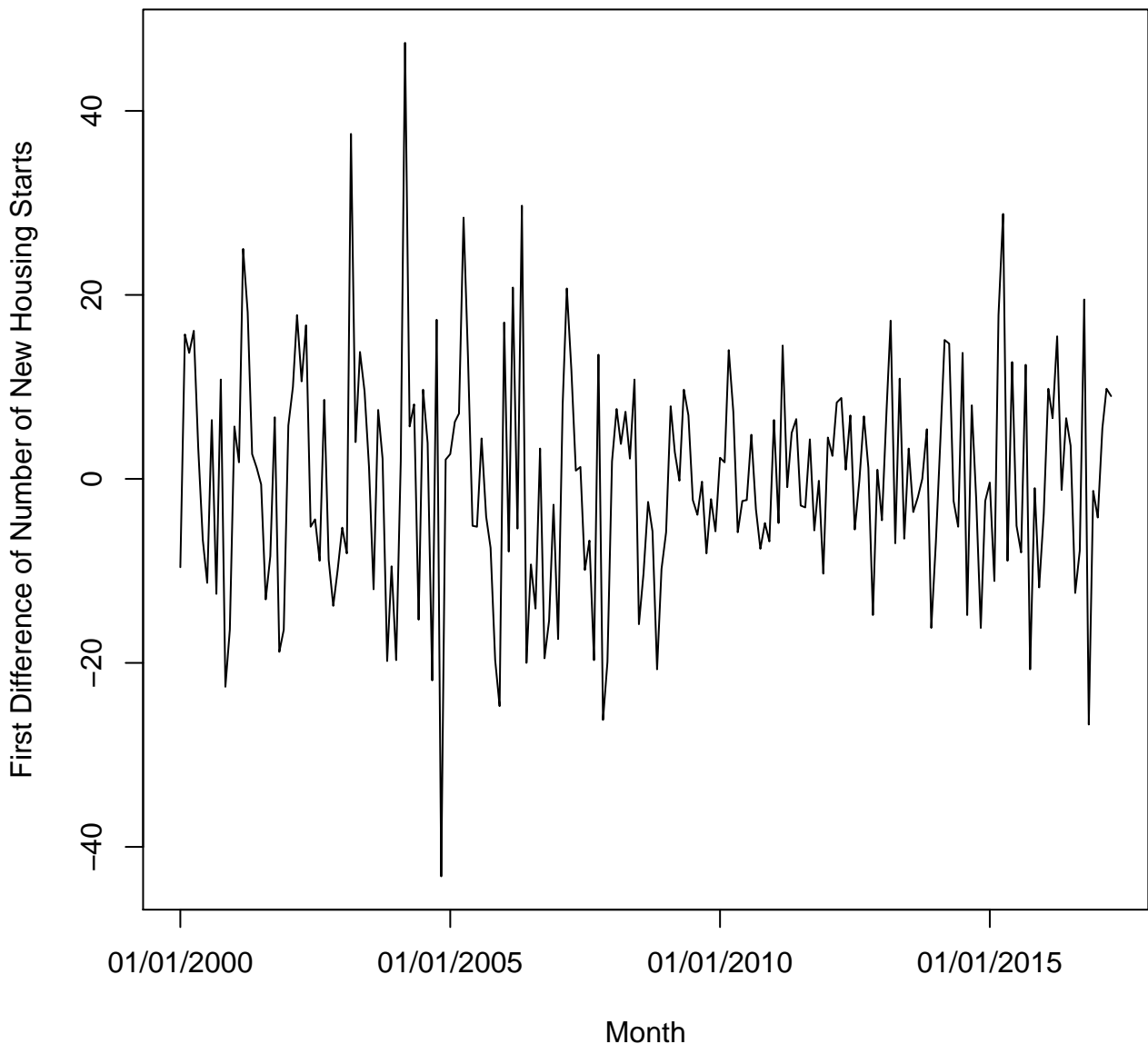
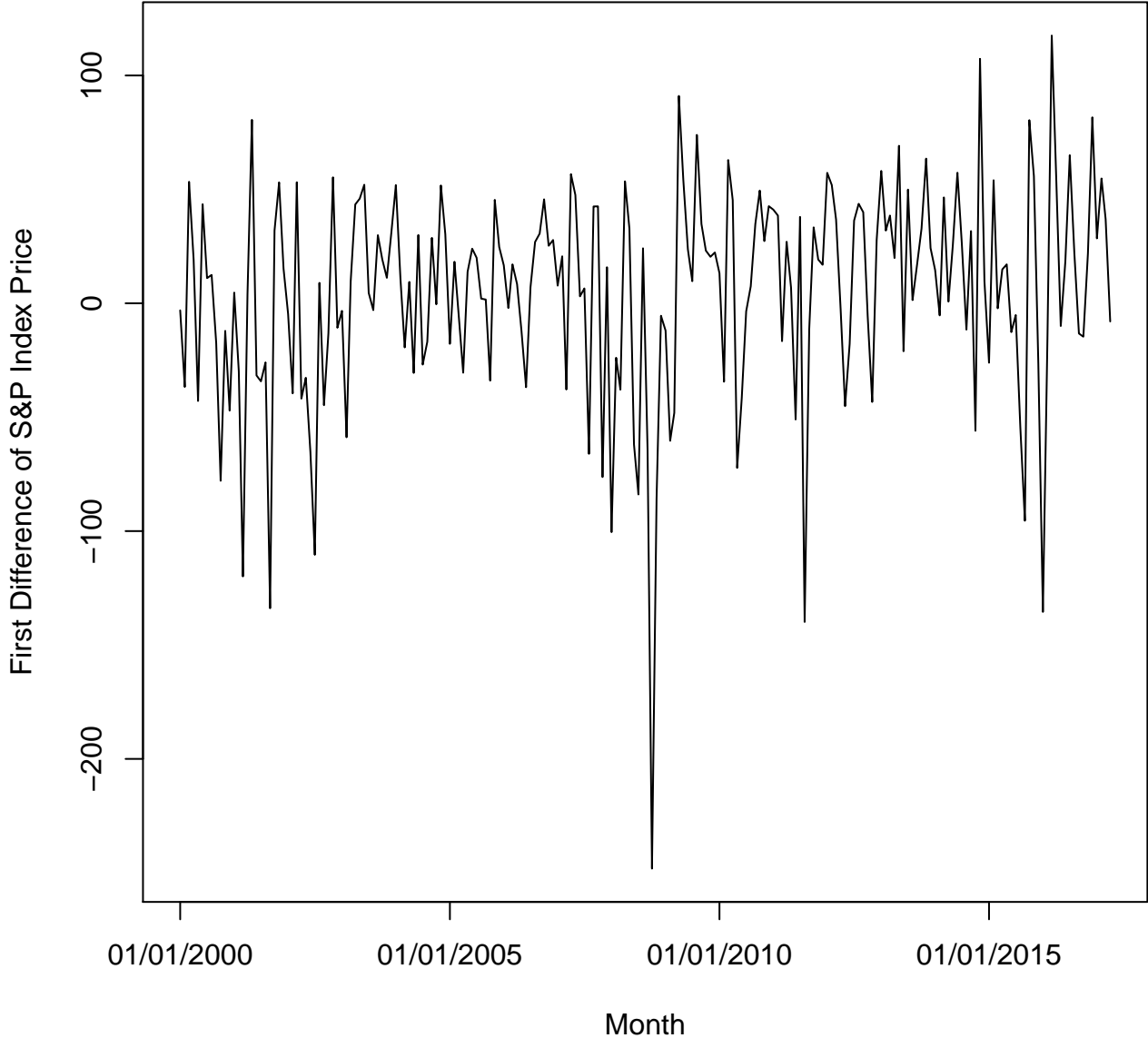Number of New Housing Starts
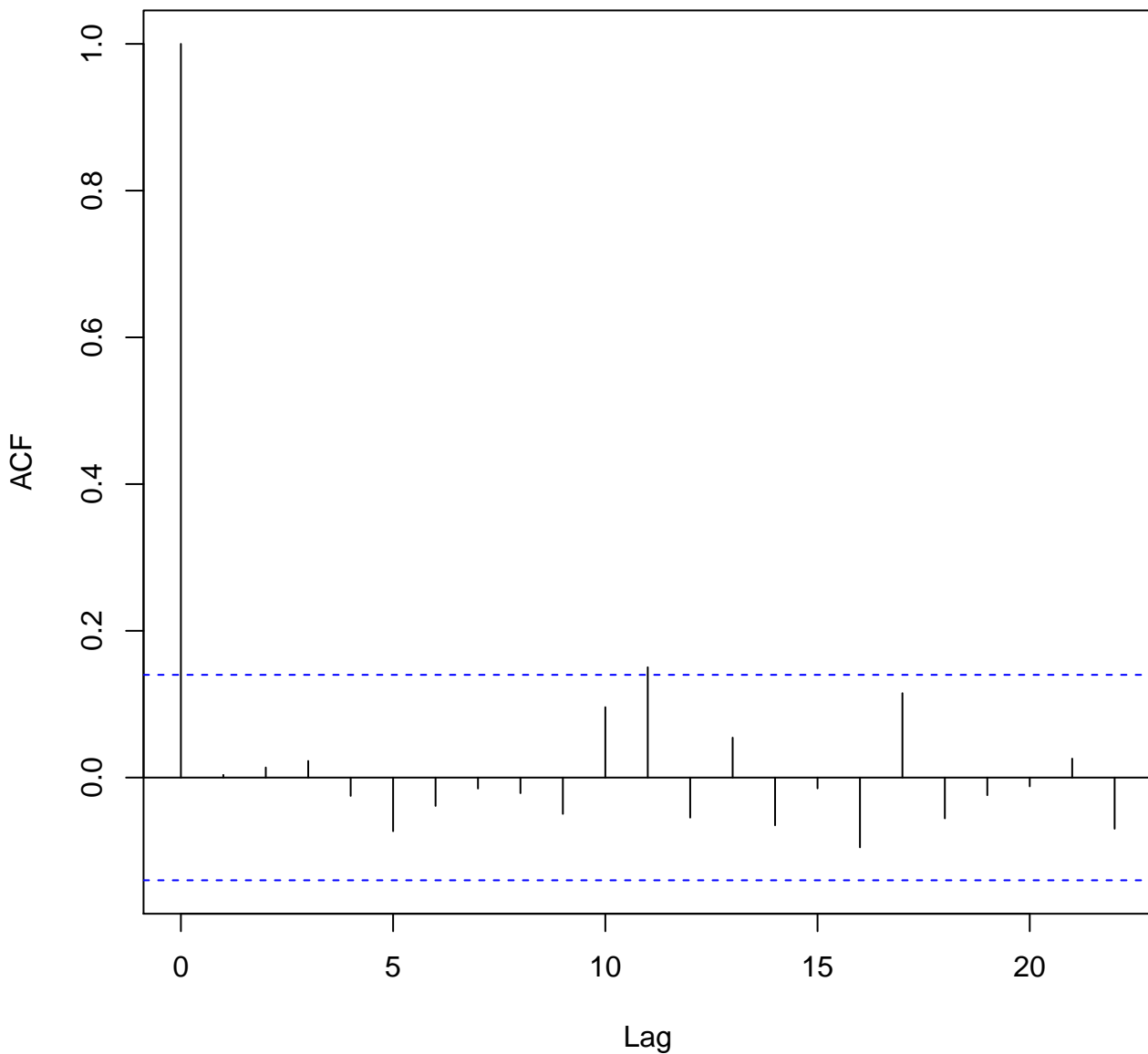
Month

Plot of First Difference of Lumber PPI
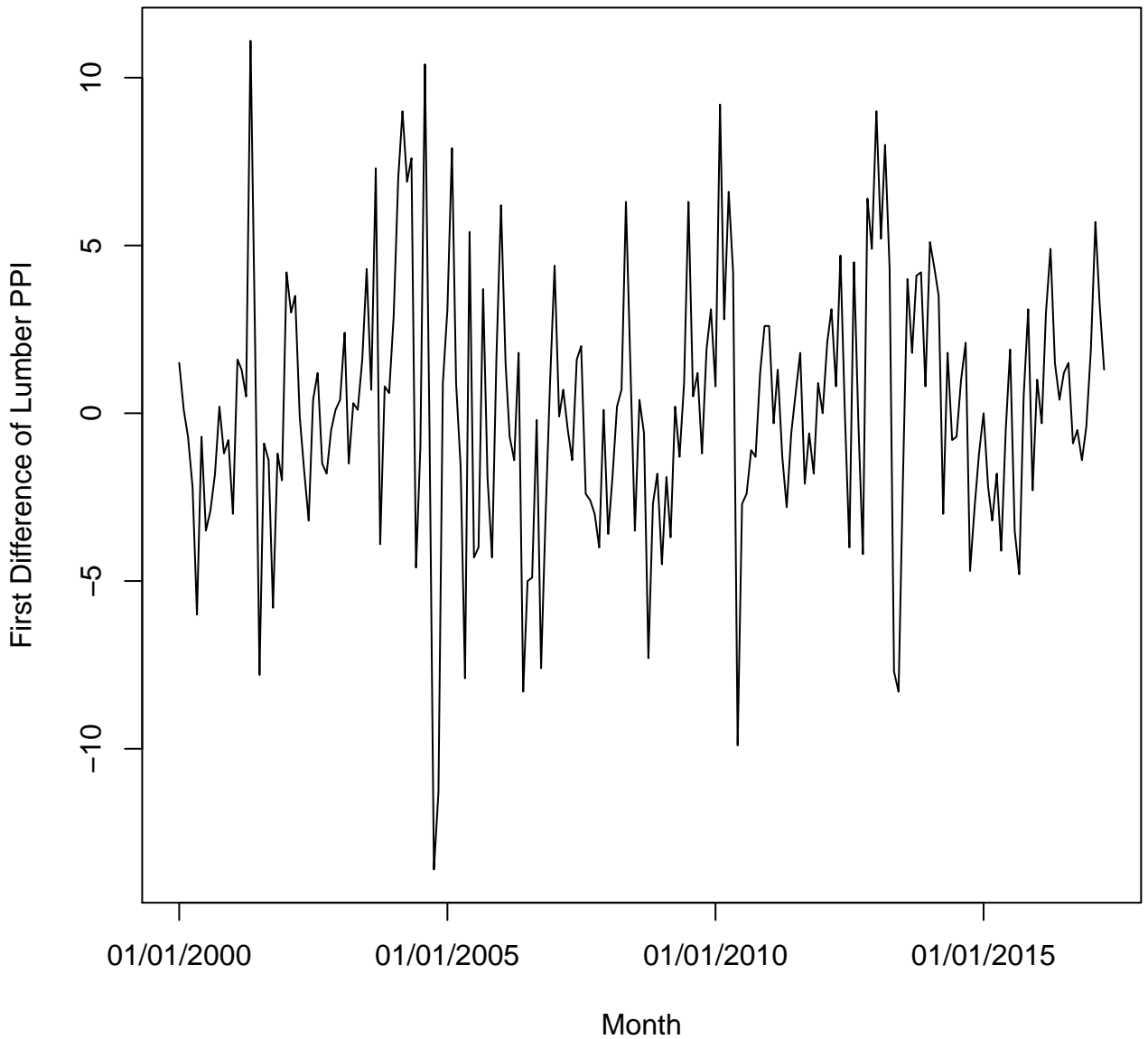
Plot of First Difference of Number of New Housing Starts

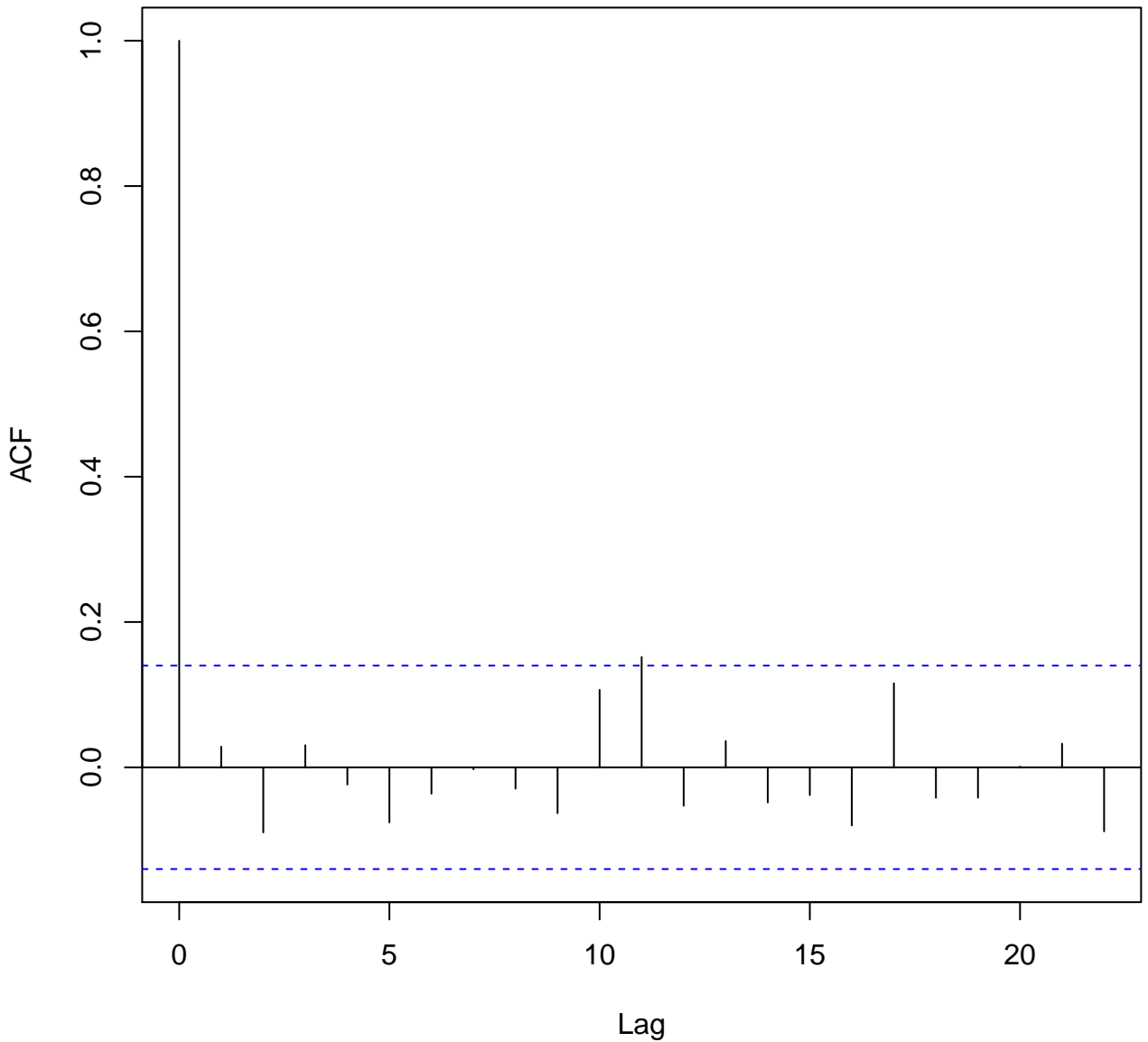**Plot of First Difference of S&P Index Price**

First Difference of S&P Index Price

Month

ACF of MA(1) Model

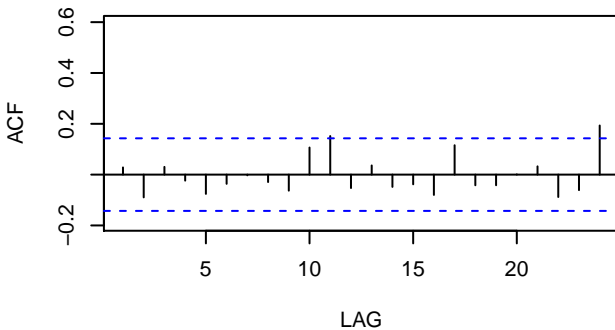**PACF of MA(1) Model**
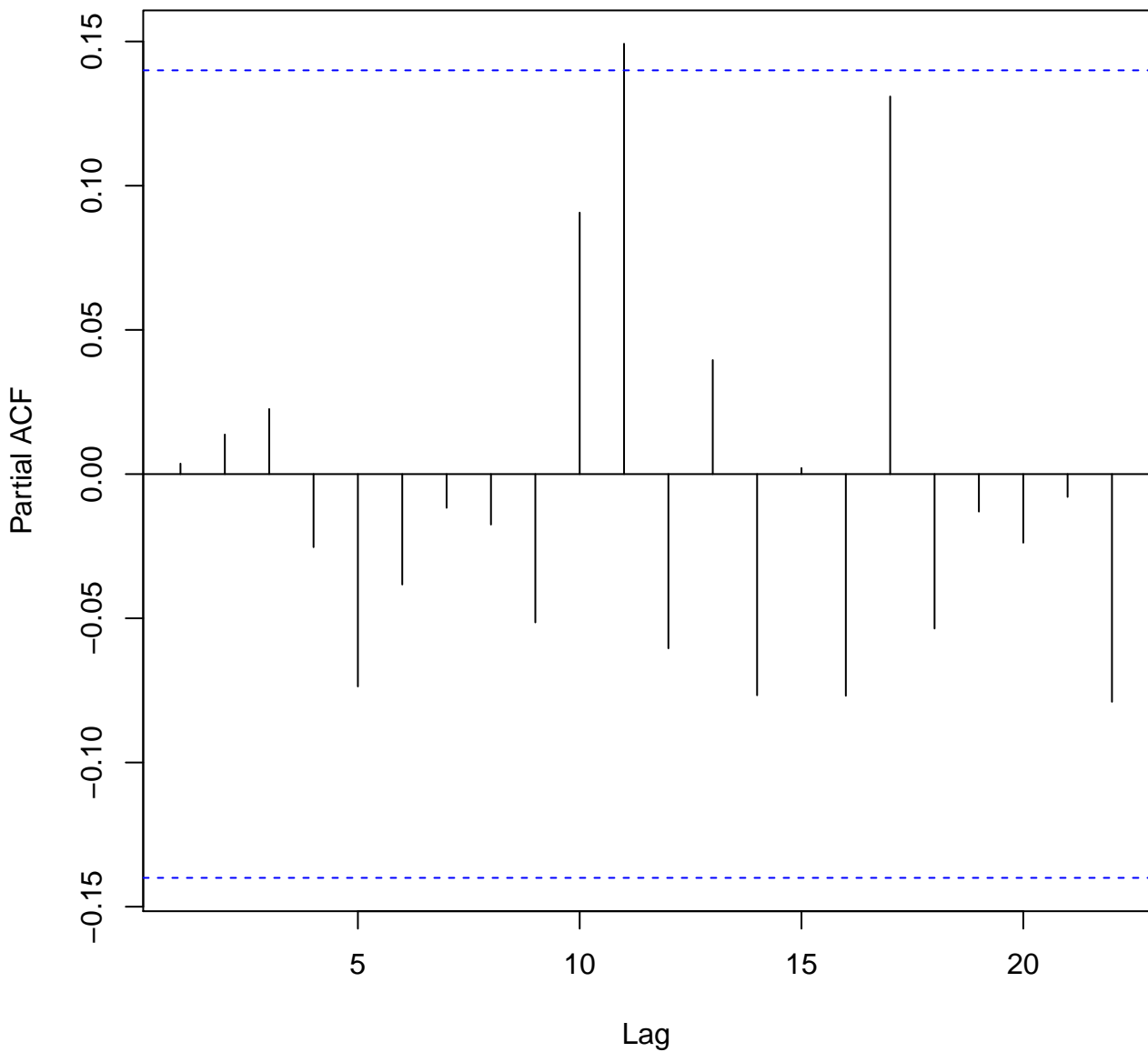
ACF of AR(1) Model

PACF of AR(1) Model
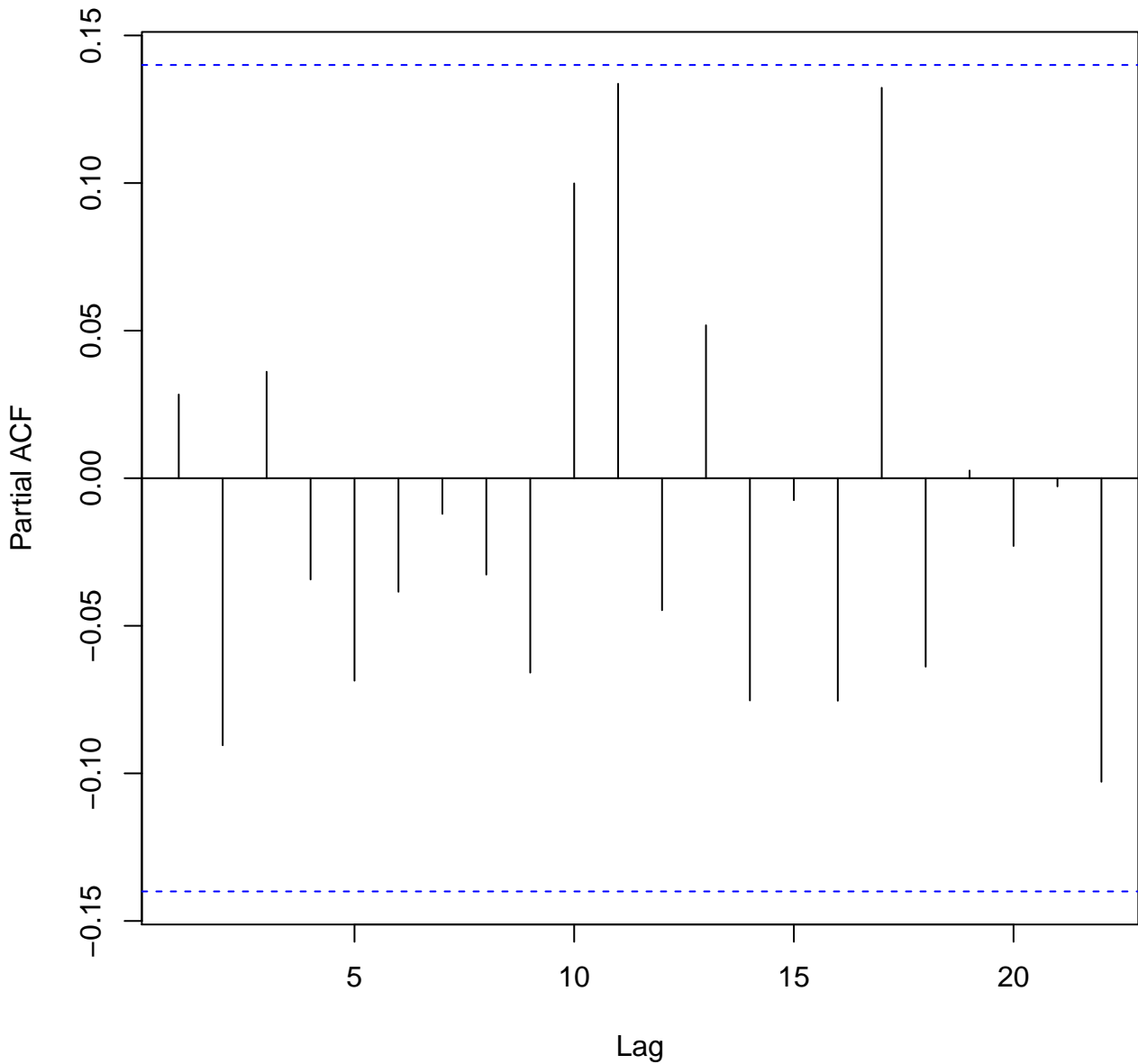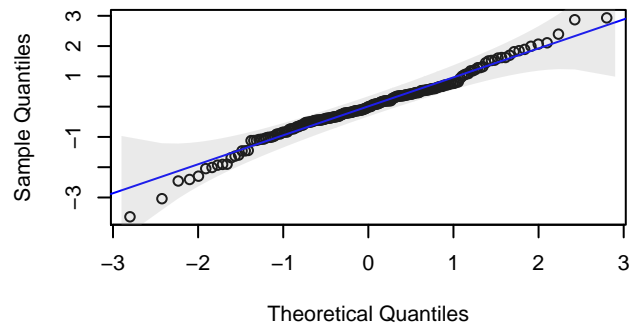
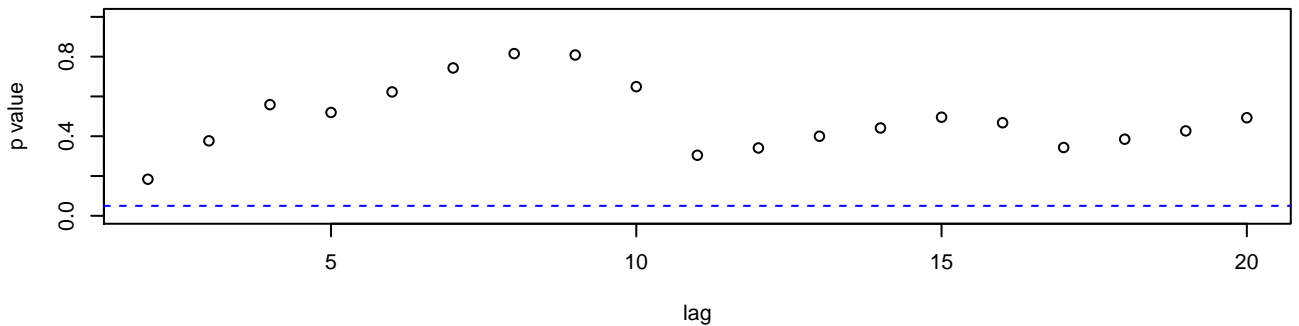**Model: (1,0,0)** **Standardized Residuals**
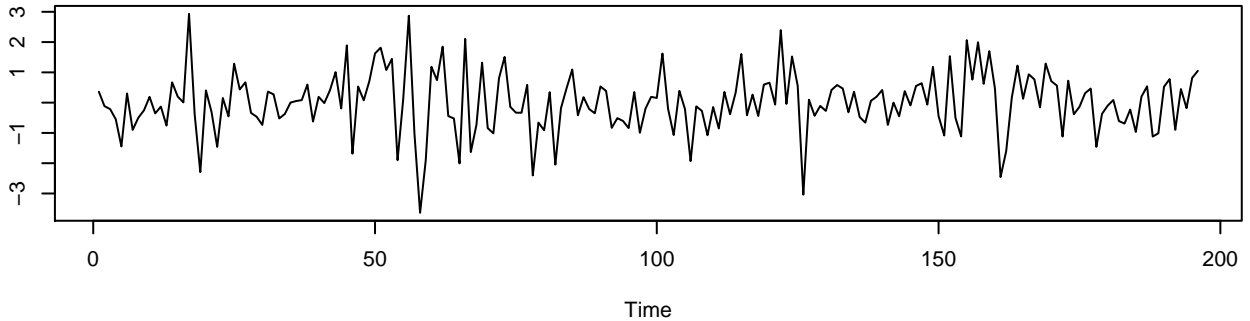
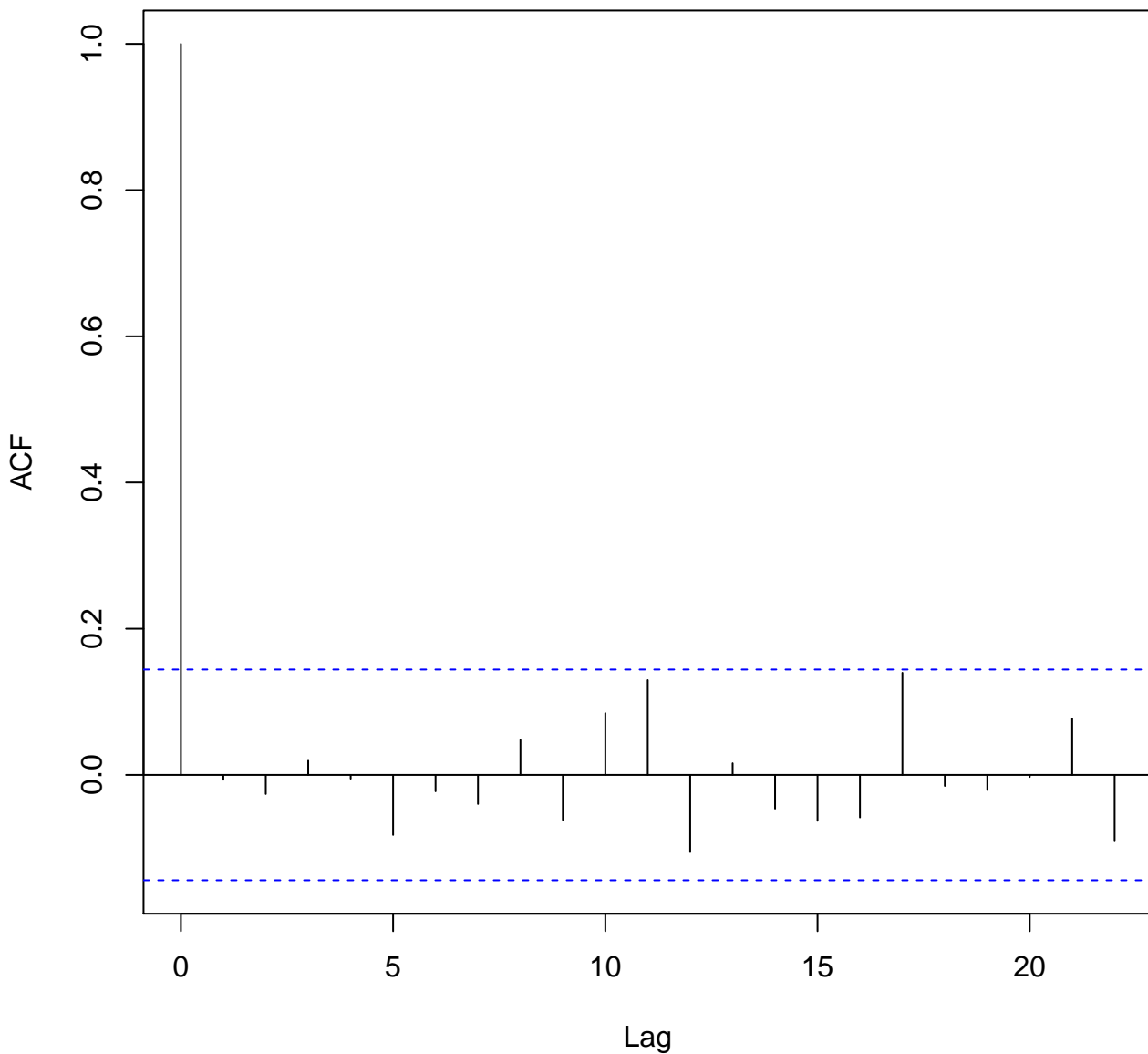**ACF of Residuals**
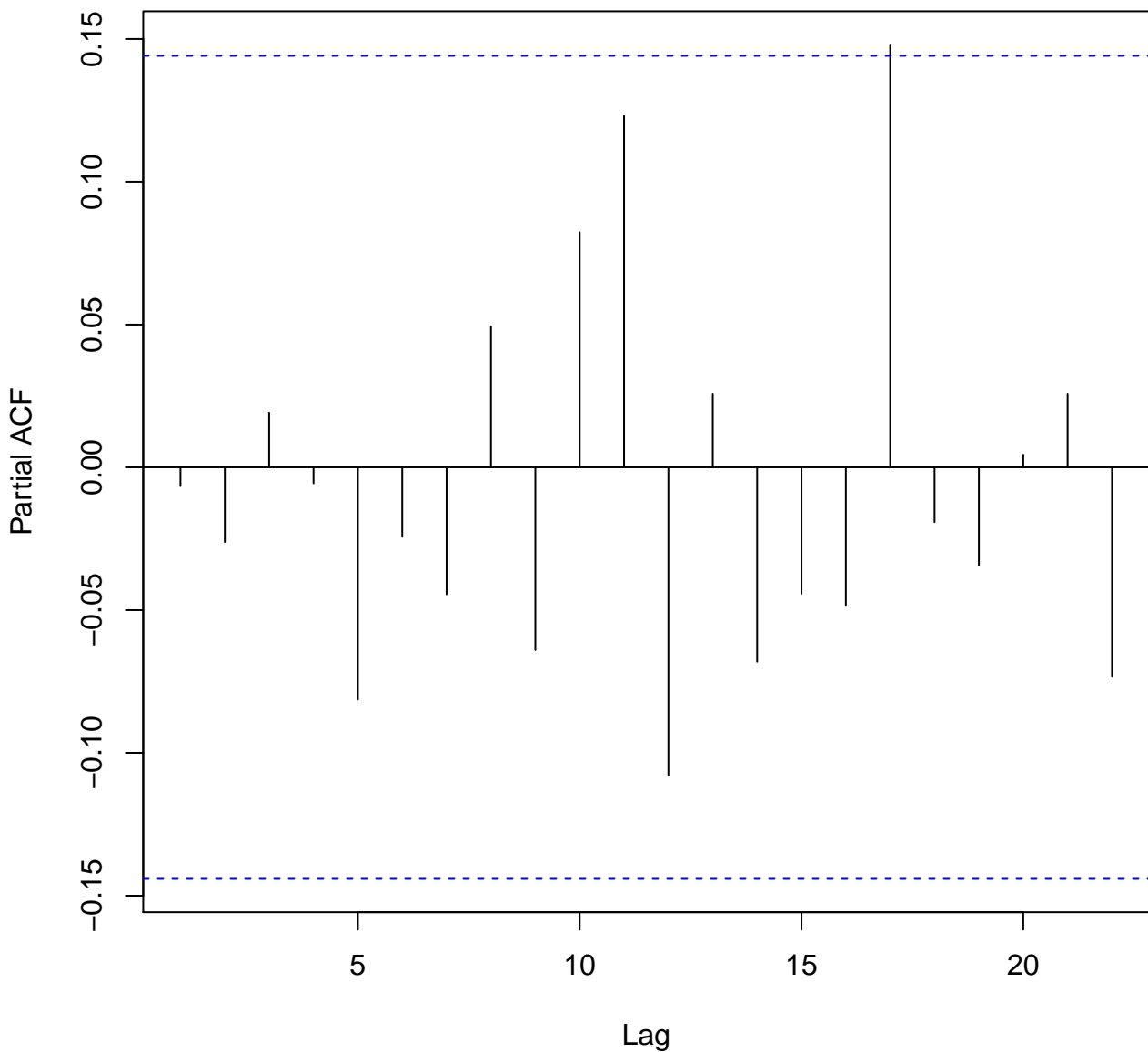
Normal Q−Q Plot of Std Residuals

p values for Ljung−Box statistic

ACF of MA(1) + Predictors Model

PACF of MA(1) + Predictors Model

Plot of Actual vs. Fitted/Forecast

Lumber PPI

- Actual
- Fitted
- Forecast
- PI Bounds