## Winter 2009/2010

### **Holt-Winters filtering**

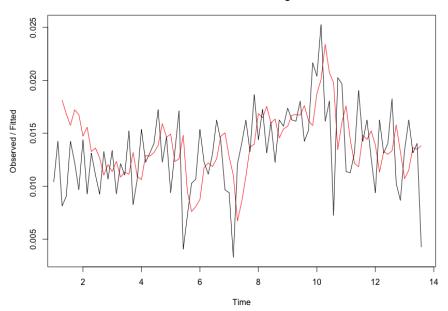


Figure 1: Holt Winters Plot of Winter 09/10

#### Forecasts from HoltWinters

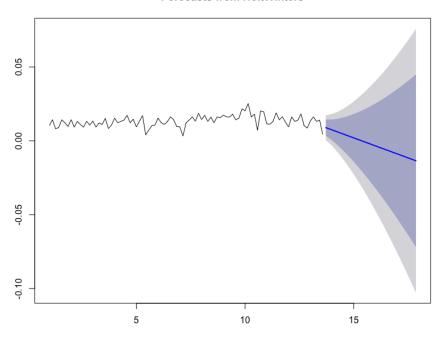


Figure 2: Holt Winters Forecast for the Next 30 Days after Winter 09/10

### Winter 2009/2010

### Series HWforecast\_Winter\$residuals

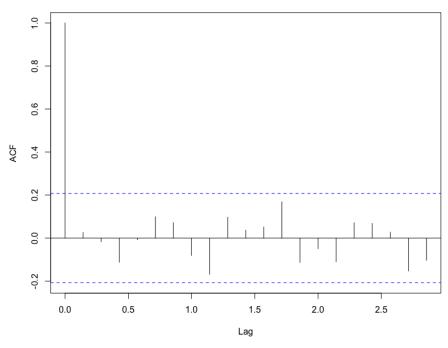


Figure 3: ACF Analysis on Winter 09/10 Forecast Residuals with lag.max = 20

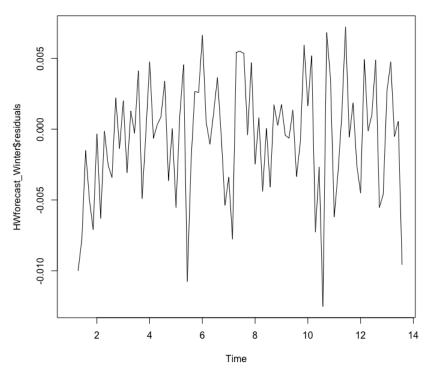


Figure 4: Plot of Winter 09/10 Forecast Residuals

# Histogram of forecasterrors

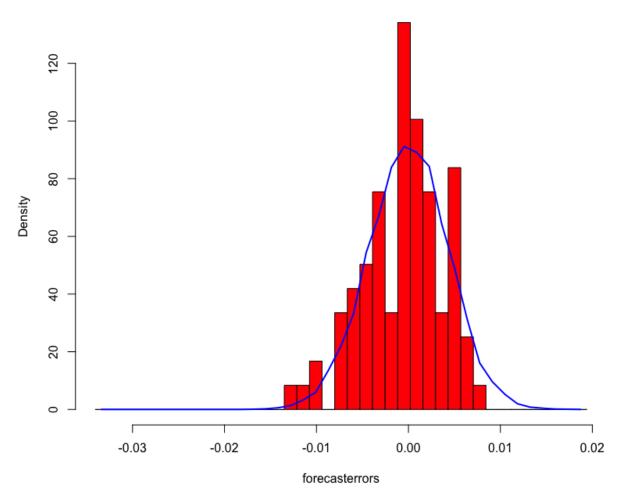


Figure 5: plotForecastErrors on Winter 09/10