### Summer 2010

#### **Holt-Winters filtering**

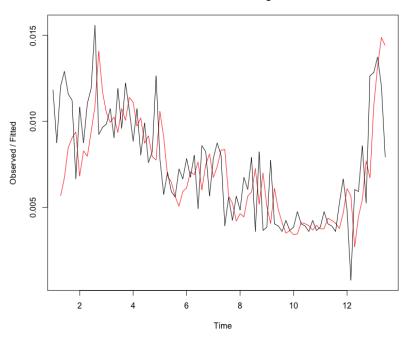


Figure 1: Holt Winters Plot of Summer 2010

#### Forecasts from HoltWinters

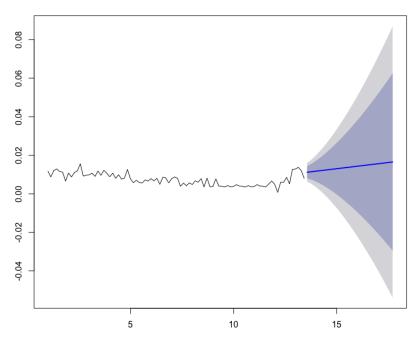


Figure 2: Holt Winters Forecast for Next 30 Days after Summer 2010

### Summer 2010

#### Series HWforecast\_Summer\$residuals

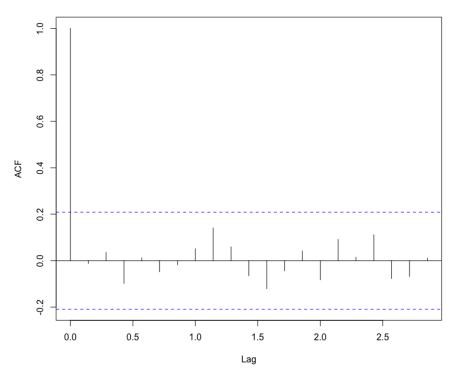


Figure 3: ACF Analysis on Summer 2010 Forecast Residuals with lag.max = 20

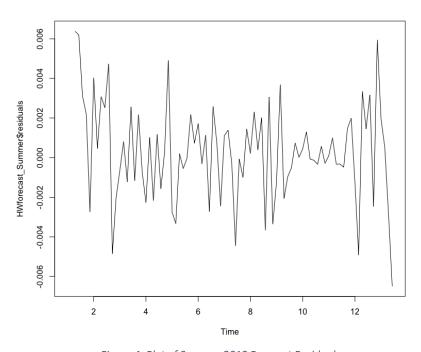


Figure 4: Plot of Summer 2010 Forecast Residuals

## Summer 2010

# Histogram of forecasterrors

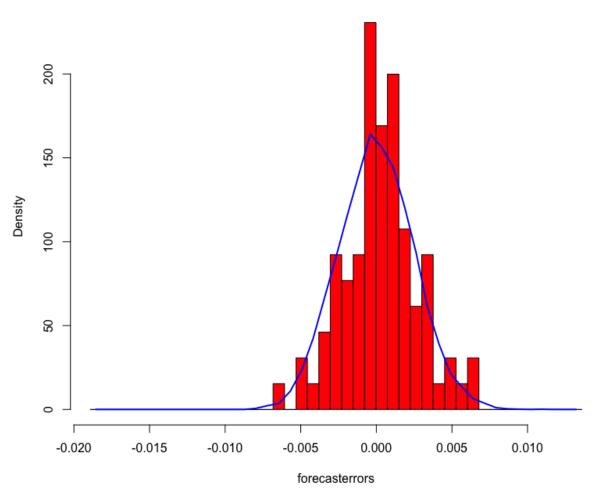


Figure 5: plotForecastErrors on Summer 2010 Forecast Residuals