

Assignment #3: Regression, EDA, and Smoothing

STA 5362: Time Series Analysis

Fall Semester

1. SS #2.1
2. SS #2.3
3. SS #2.7
4. SS #2.8
5. SS #2.10
6. Smooth times series of $\log(\text{varve})$ using the following four techniques. In each case, plot the time series along with its associated smooth, and give the value of the tuning parameter that you chose in the title of each plot.
 - (a) Moving average smoother
 - (b) Kernel smoother
 - (c) Lowess
 - (d) Smoothing spline