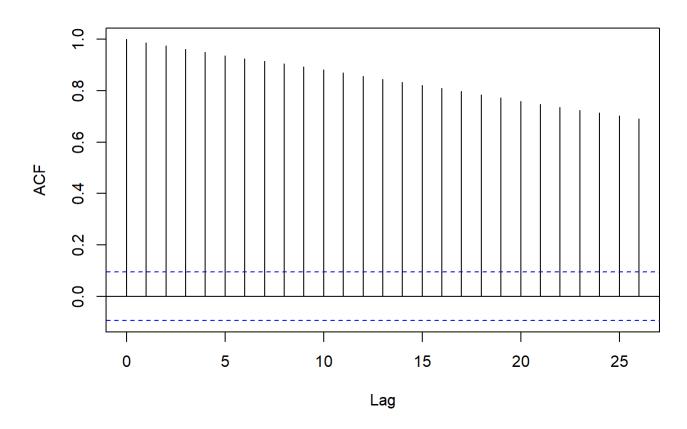
Midterm 3

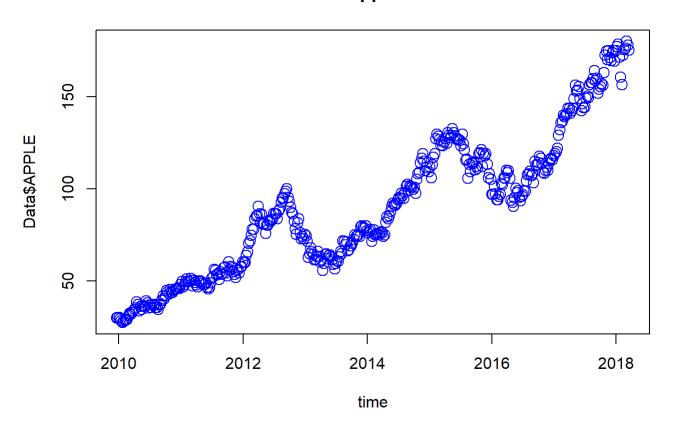
Luke Letizia April 18, 2018

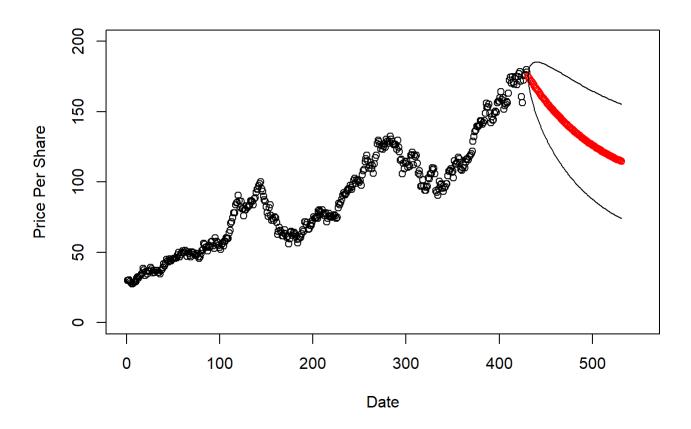
Question #1

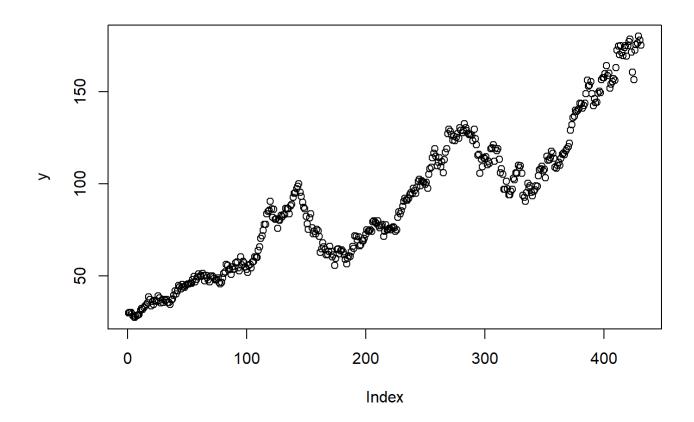
Series y

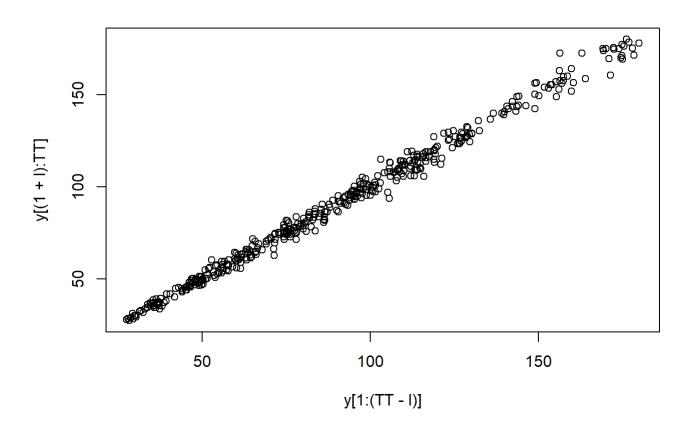


Apple

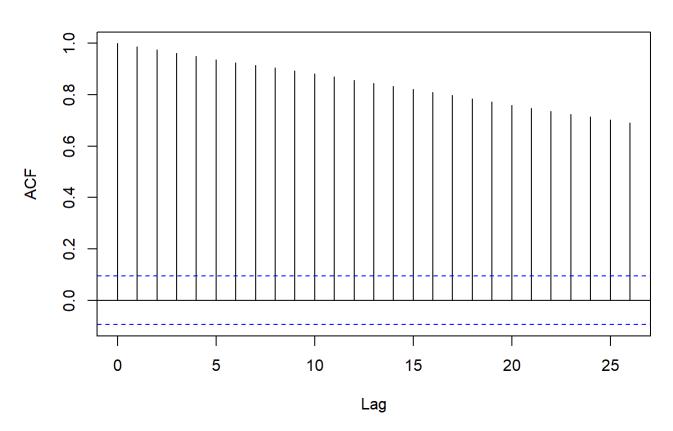








Series y



Question 2

```
Xij.mat.cum
```

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## 2012 99 220.0000 296.0000 328.0000 338.0000 341.0000 342.0000 342.9942
## 2013 110 292.0000 372.0000 392.0000 413.0000 415.0000 418.0470 419.2622
## 2014 160 357.0000 439.0000 477.0000 496.0000 499.6471 503.3155 504.7787
## 2015 161 415.0000 500.0000 546.0000 568.9895 573.1732 577.3815 579.0600
## 2016 185 386.0000 472.0000 509.7501 531.2133 535.1193 539.0482 540.6152
## 2017 178 439.0000 544.1866 587.7101 612.4558 616.9592 621.4890 623.2956
## 2018 168 399.3803 495.0738 534.6693 557.1817 561.2787 565.3996 567.0433
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