

Stock Benchmark

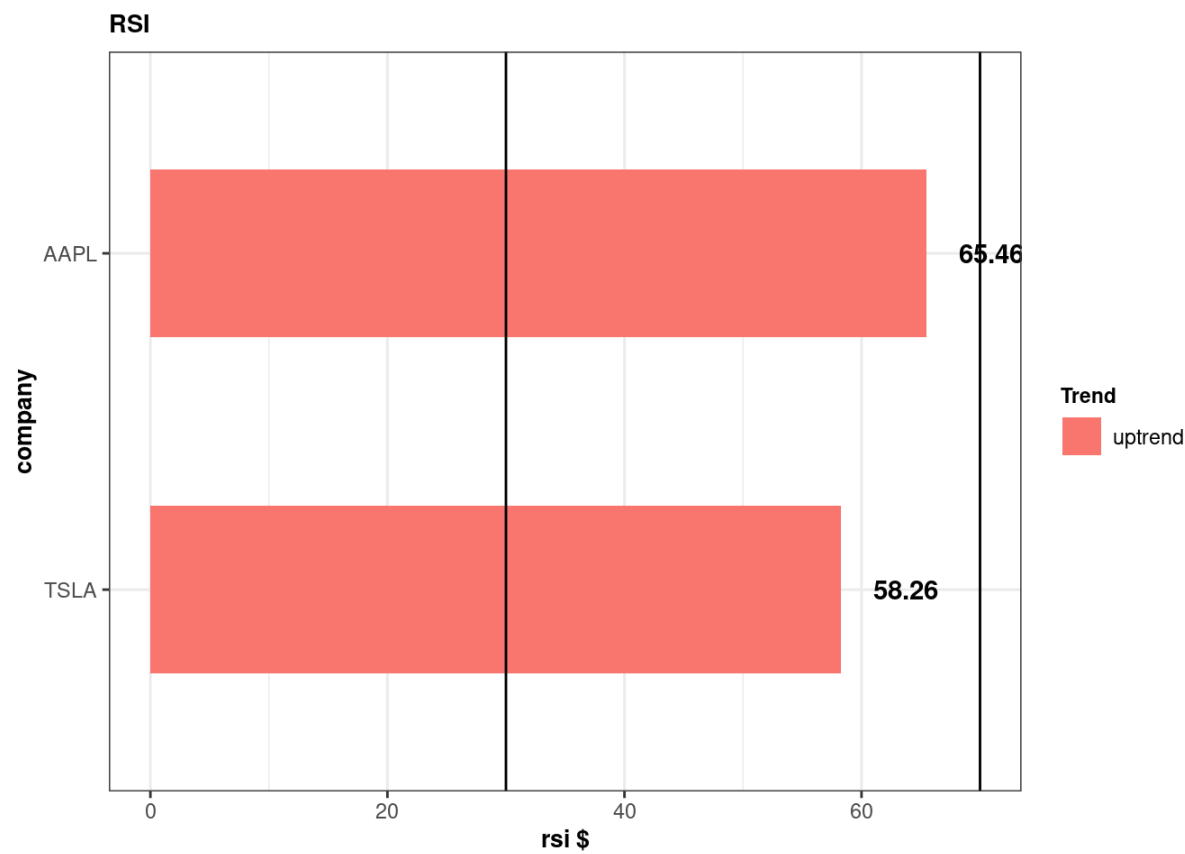
Giorgos Anastasakos

```
## [1] "2021-11-17 22:01:21 EET"

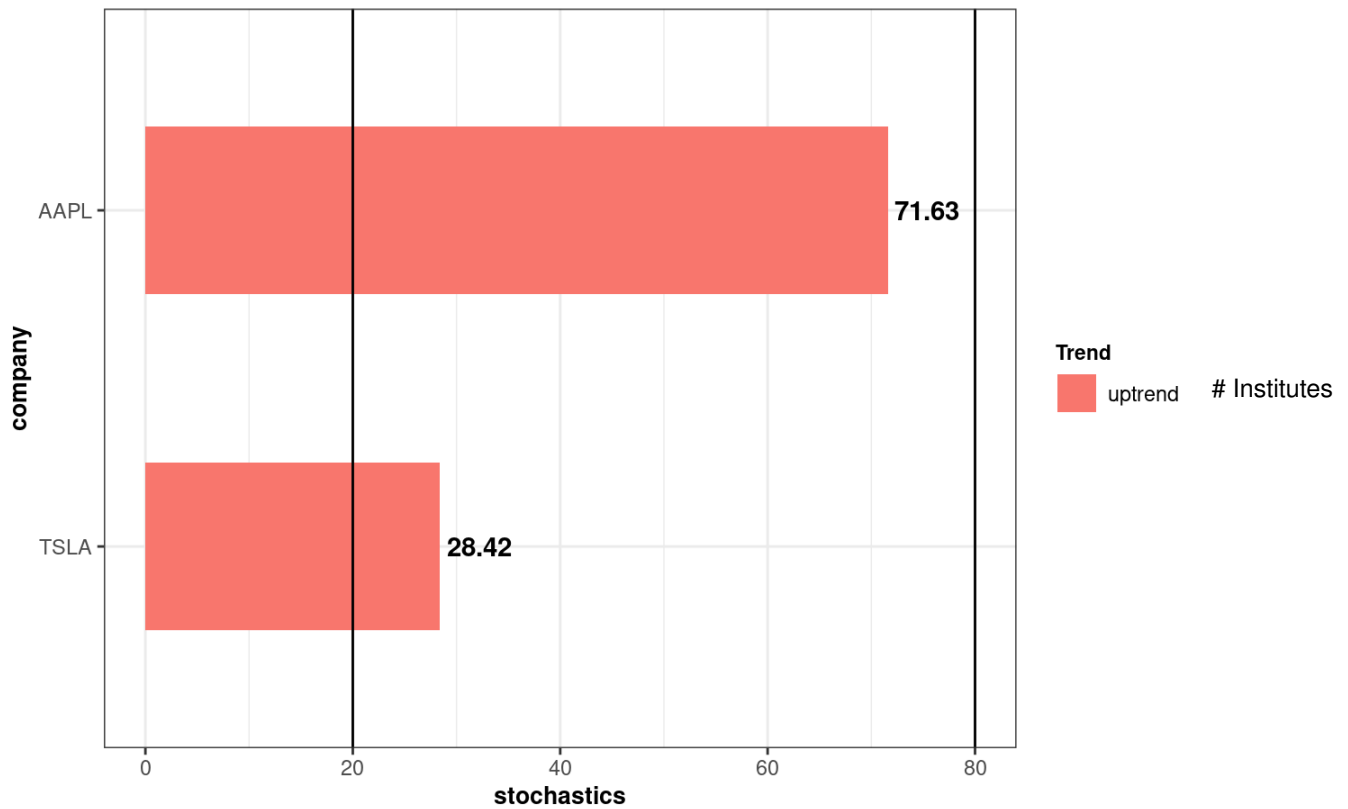
## noNotes

## [1] "no: 1 -----gia tin etairia----- AAPL"
## [1] "no: 2 -----gia tin etairia----- TSLA"

## [1] "/home/giorgos/Desktop"
```



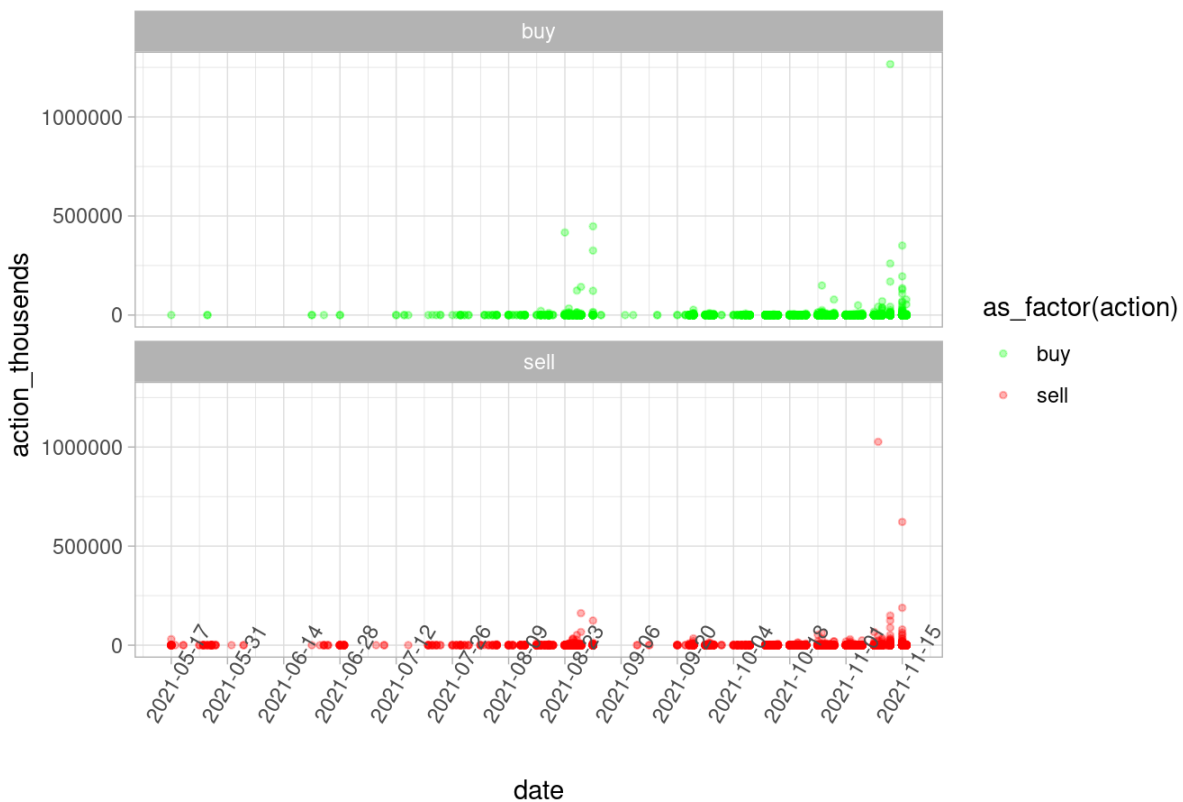
Stochastics 14 days



BUY-SELL

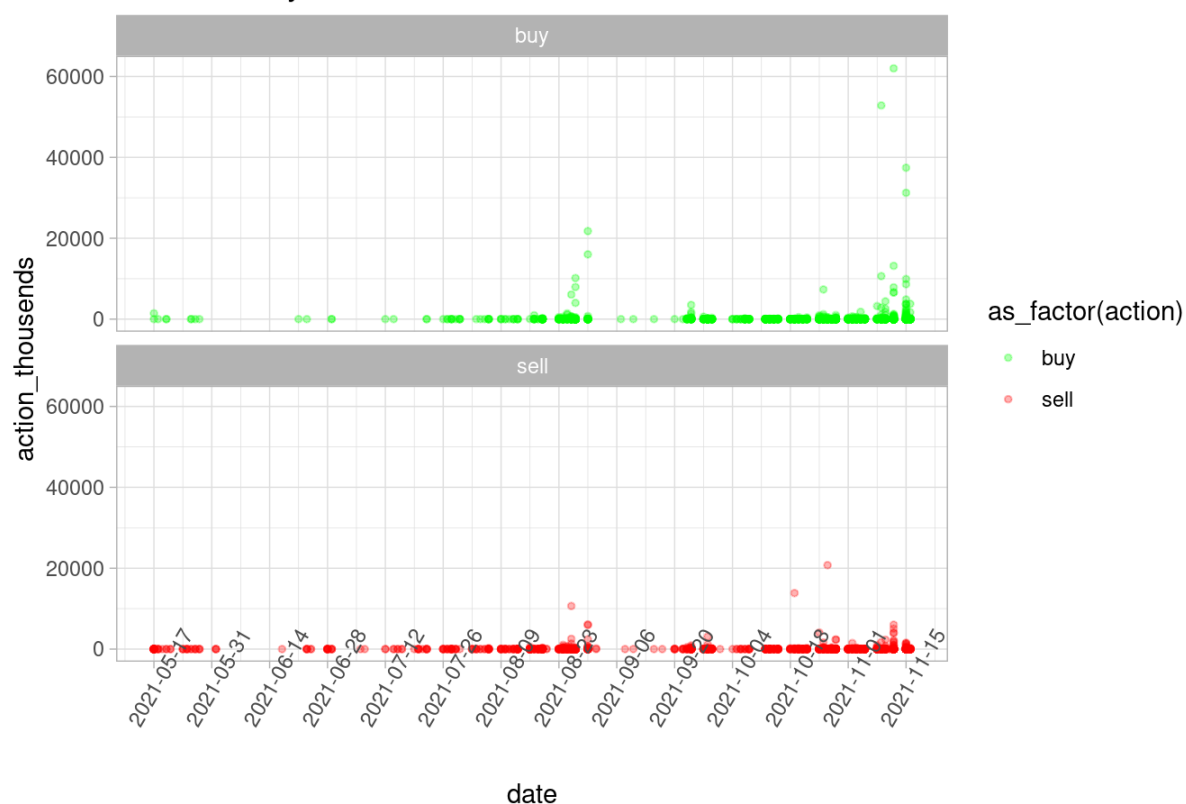
```
## chr [1:3179] "Shares" "" "147,301" "33,966" "124,100" "485,156" "115,833" ...
## num [1:3179] NA NA 147301 33966 124100 ...
```

Institutes buy-sell AAPL

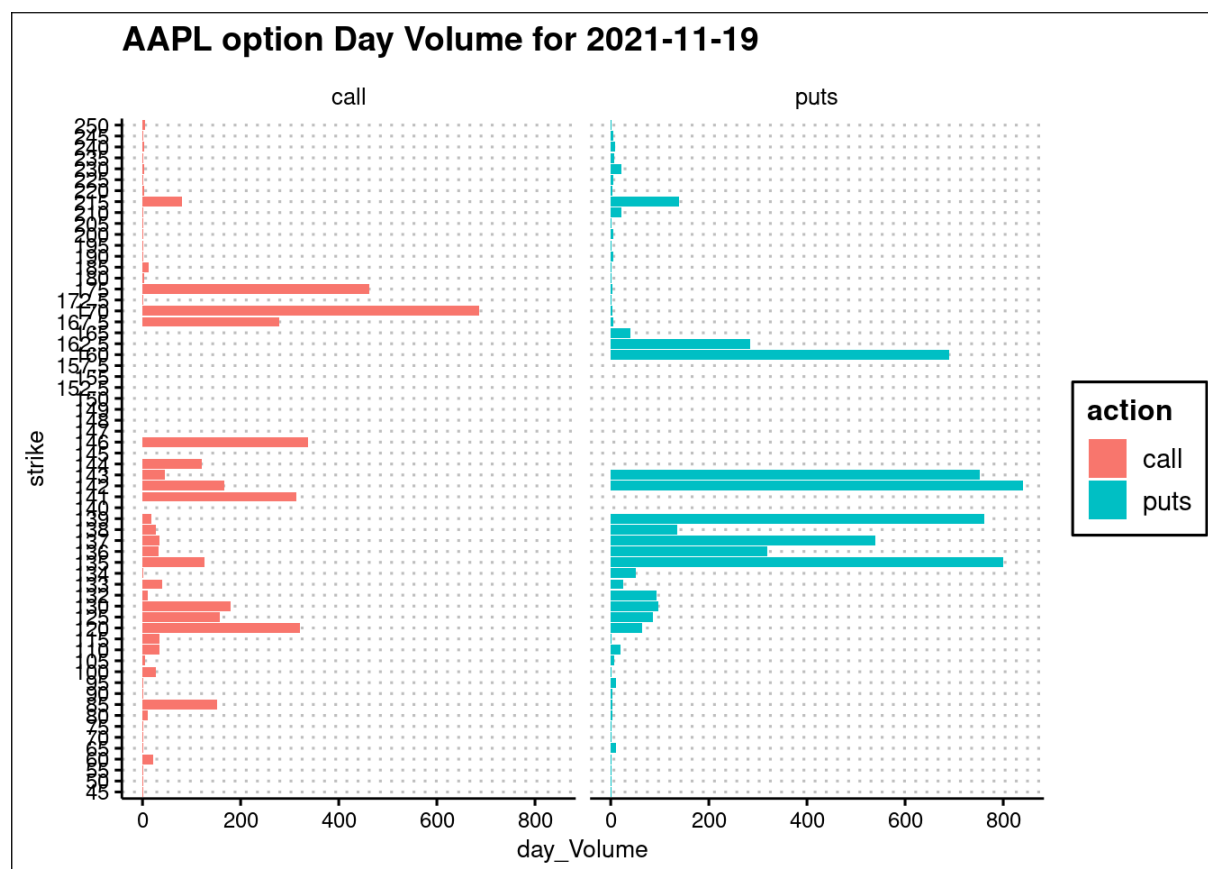


```
## chr [1:1603] "Shares" "41,296" "14,595" "25,741" "2,055" "706" "6,483" "0" ...
## num [1:1603] NA 41296 14595 25741 2055 ...
```

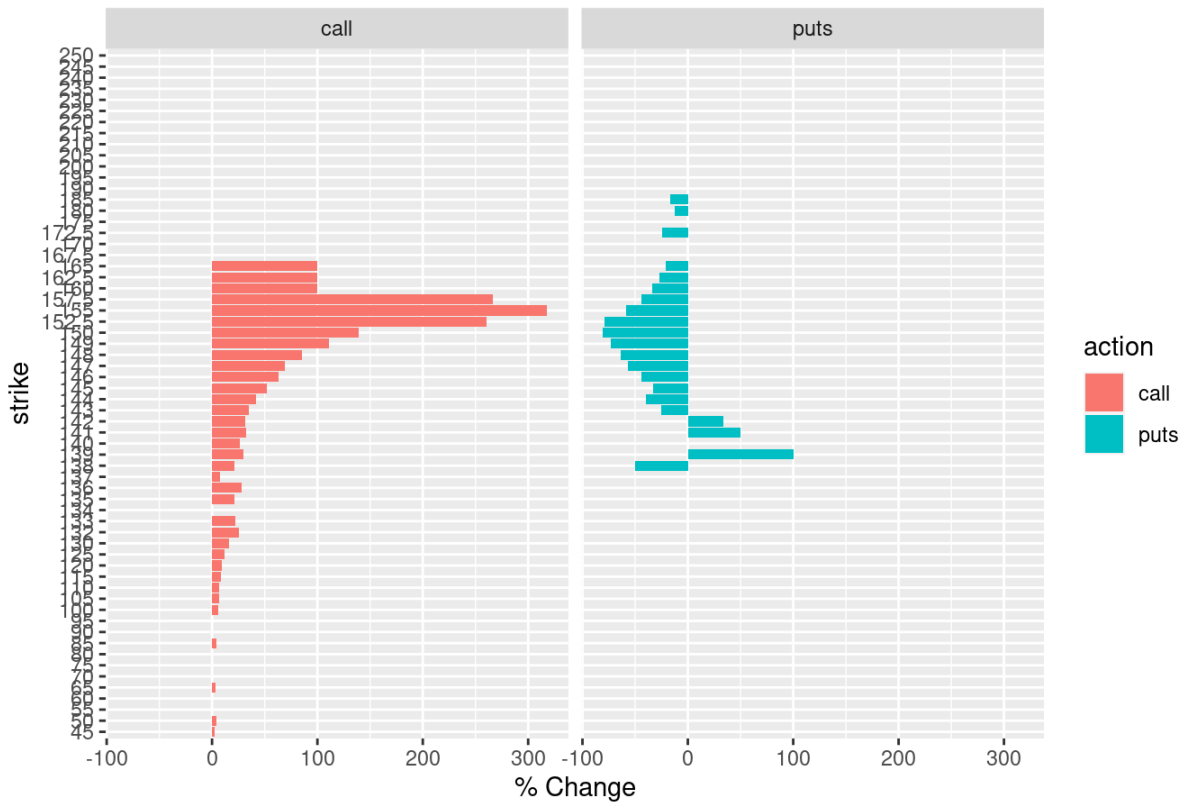
Institutes buy-sell TSLA



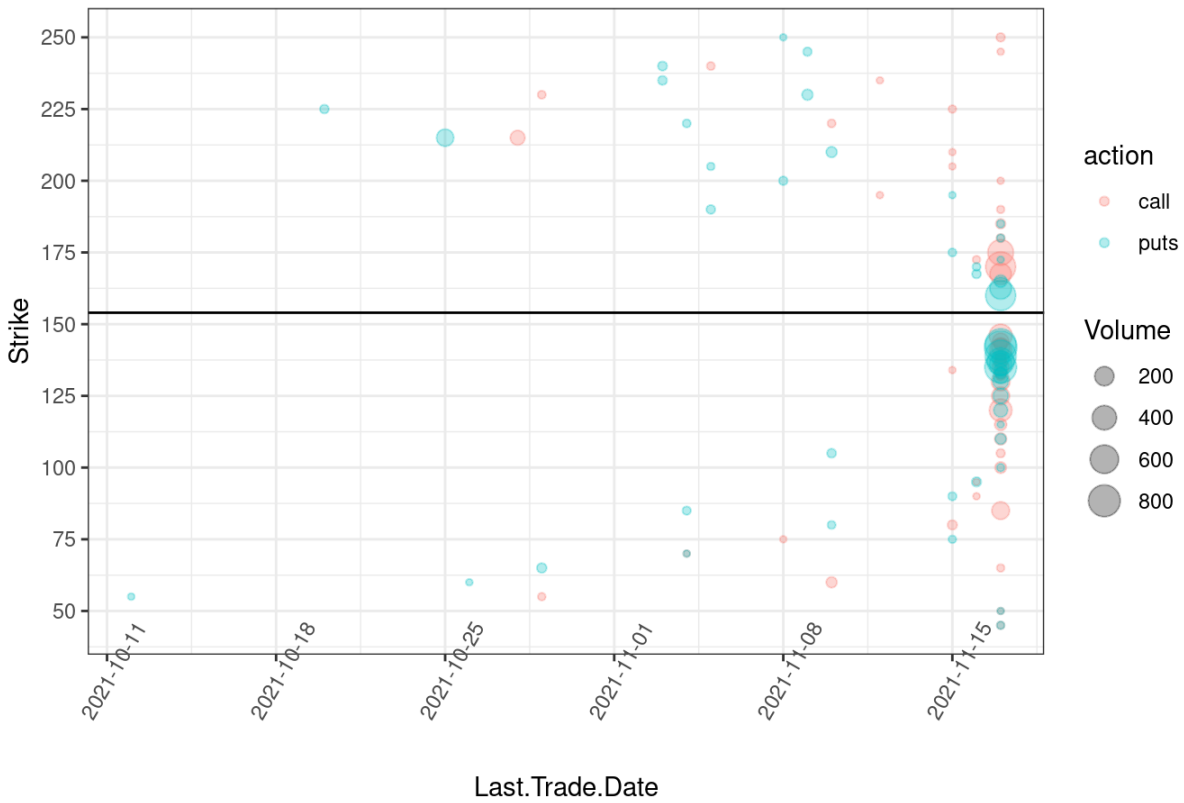
Options Analysis



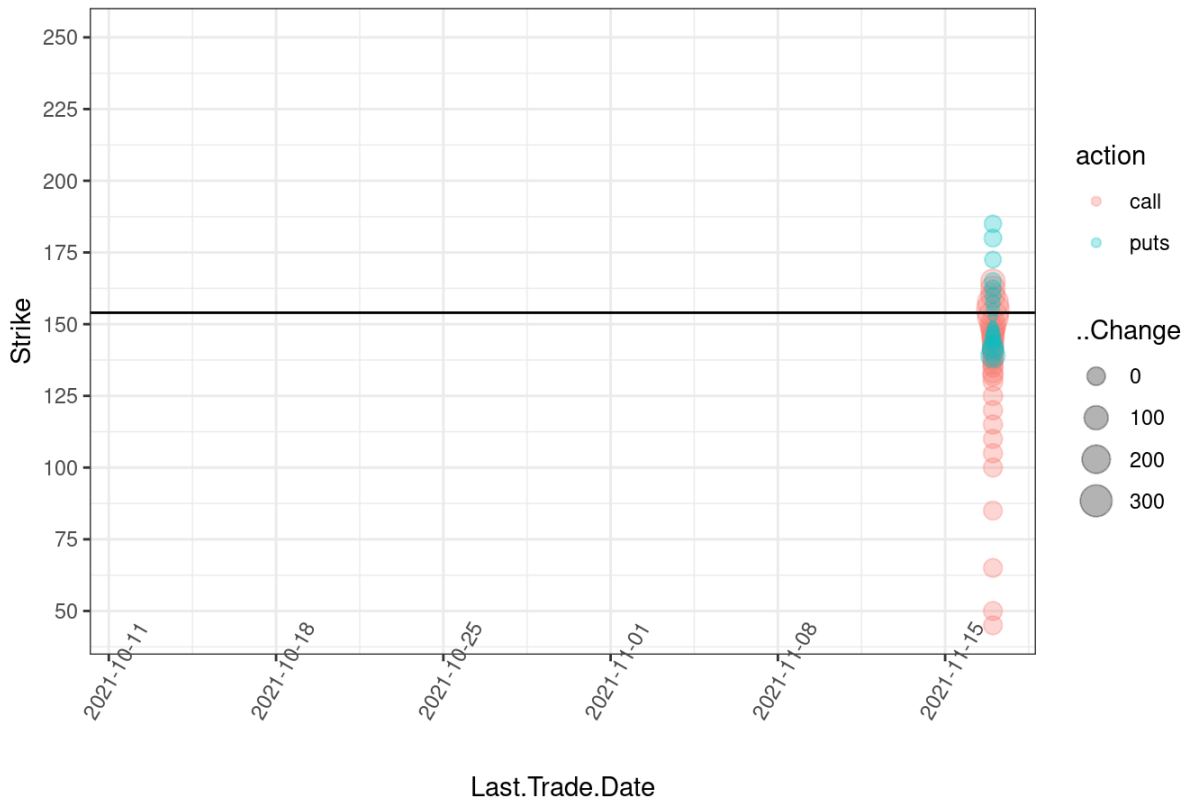
AAPL option Volume % Change for 2021-11-19



timeserious Stike - DayVolume AAPL for 2021-11-19

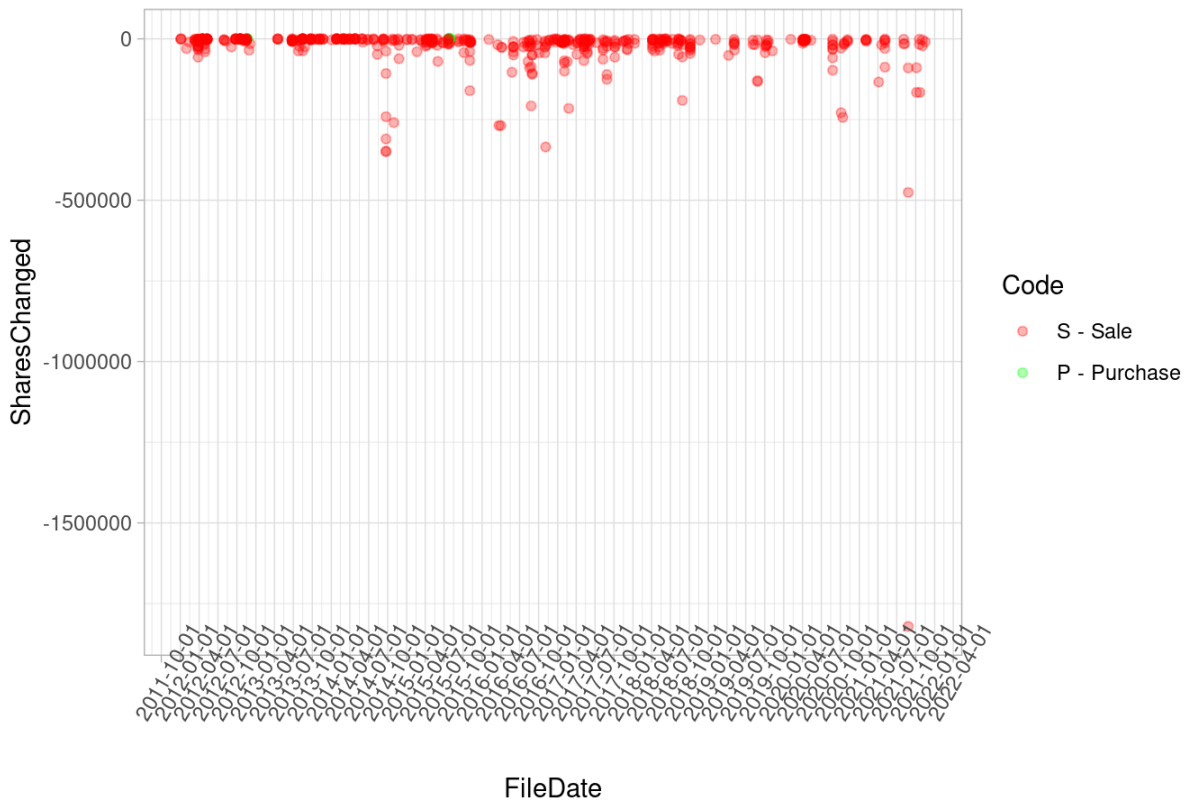


timeserious Stike - Change% volume AAPL for 2021-11-19

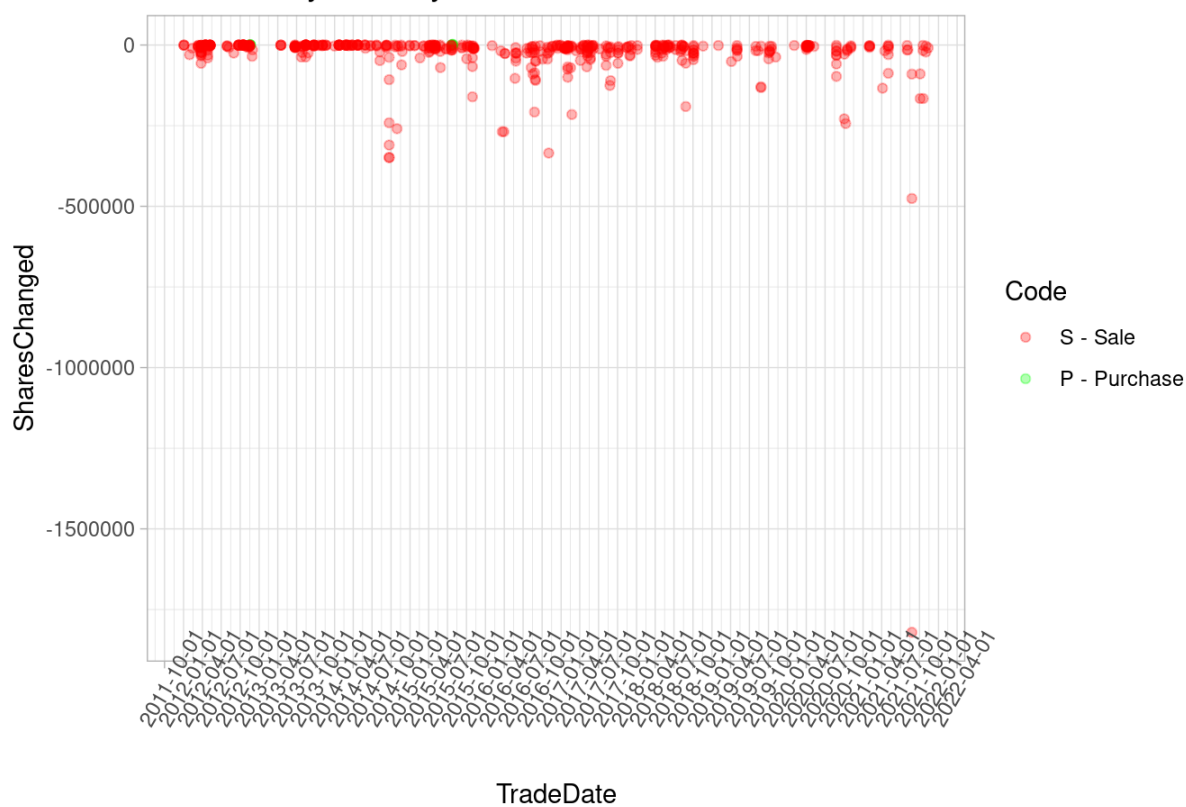


INSIDERS BUY-SELL

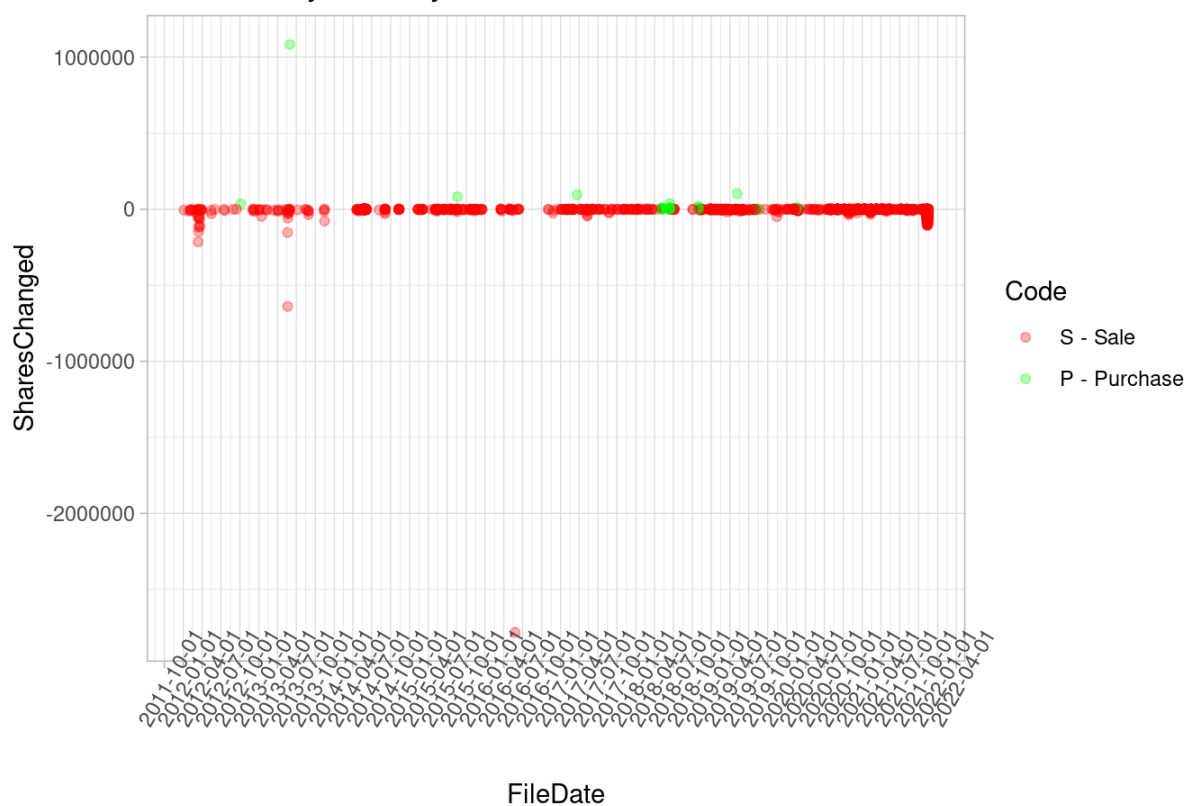
Insiders Buy - Sell by File Date AAPL



Insiders Buy - Sell by Trade Date AAPL



Insiders Buy - Sell by File Date TSLA



- S - Sale
- P - Purchase

SharesChanged

Volume M

 uptrend

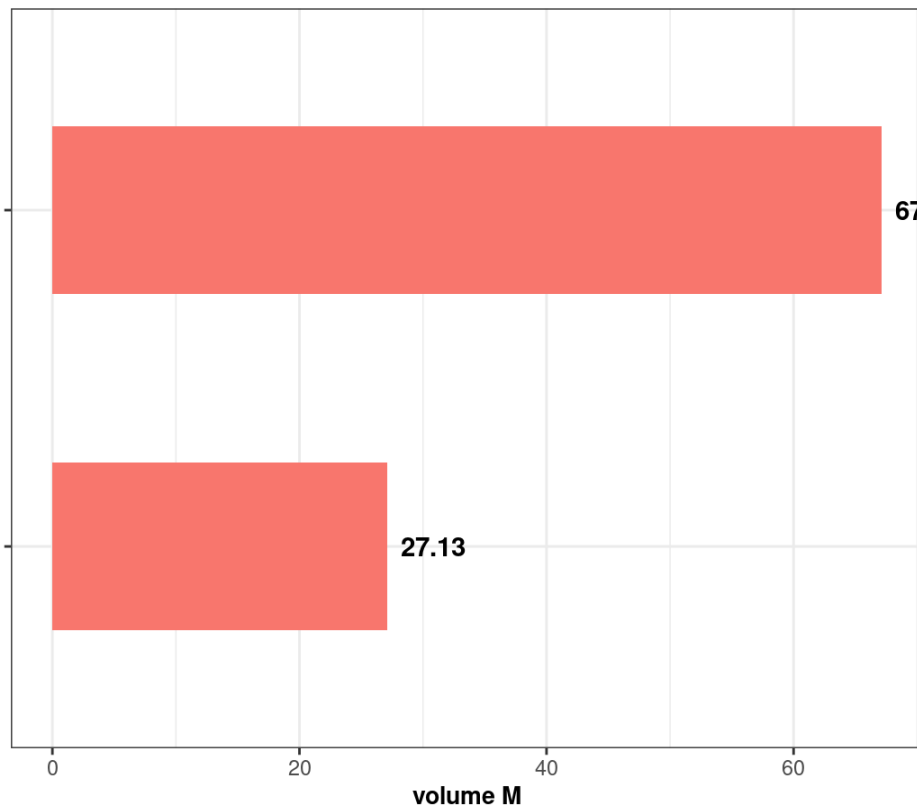
company

AAPL ·

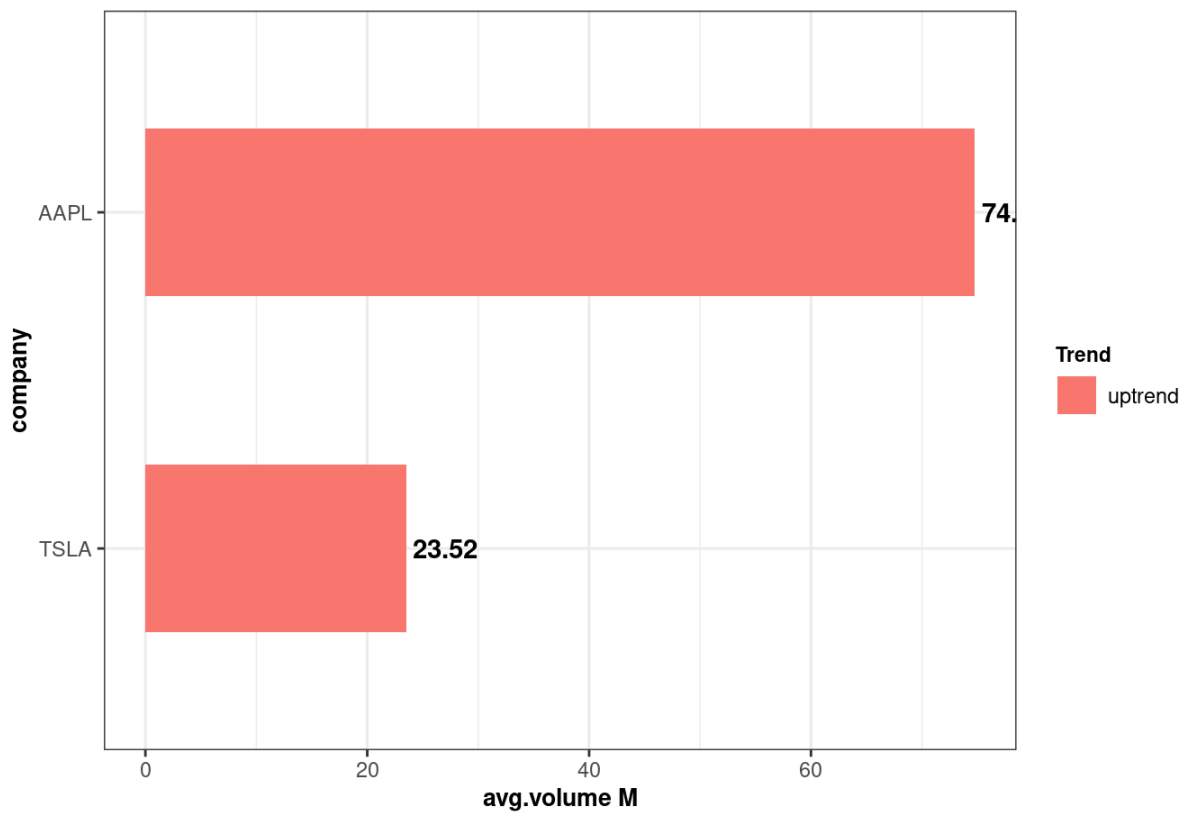
67

TSLA ·

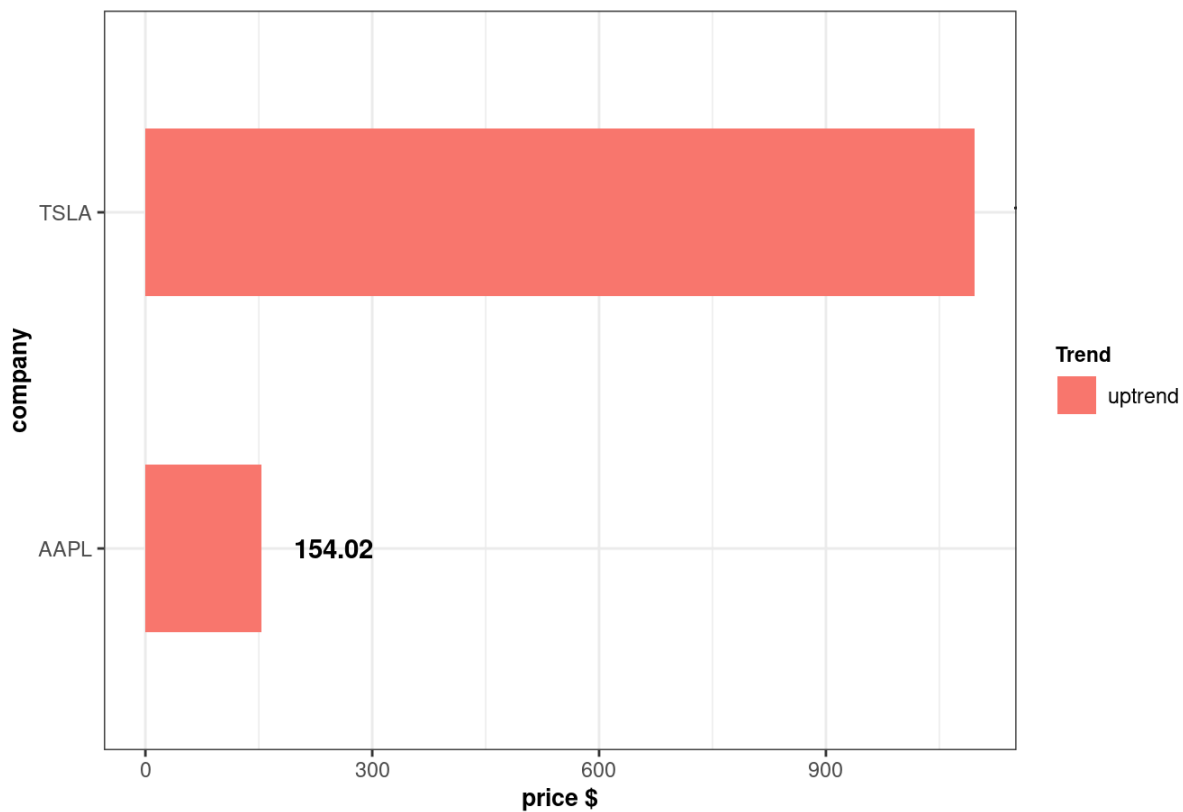
volume M

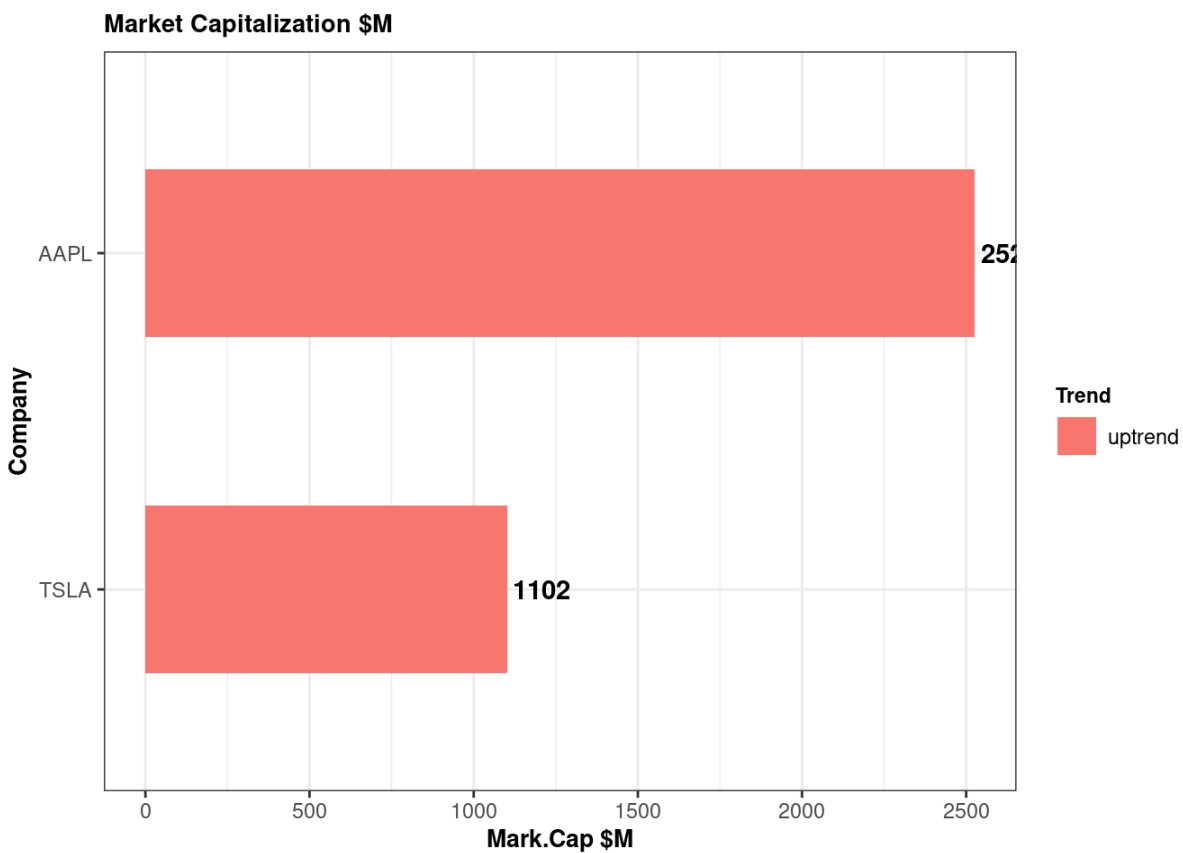
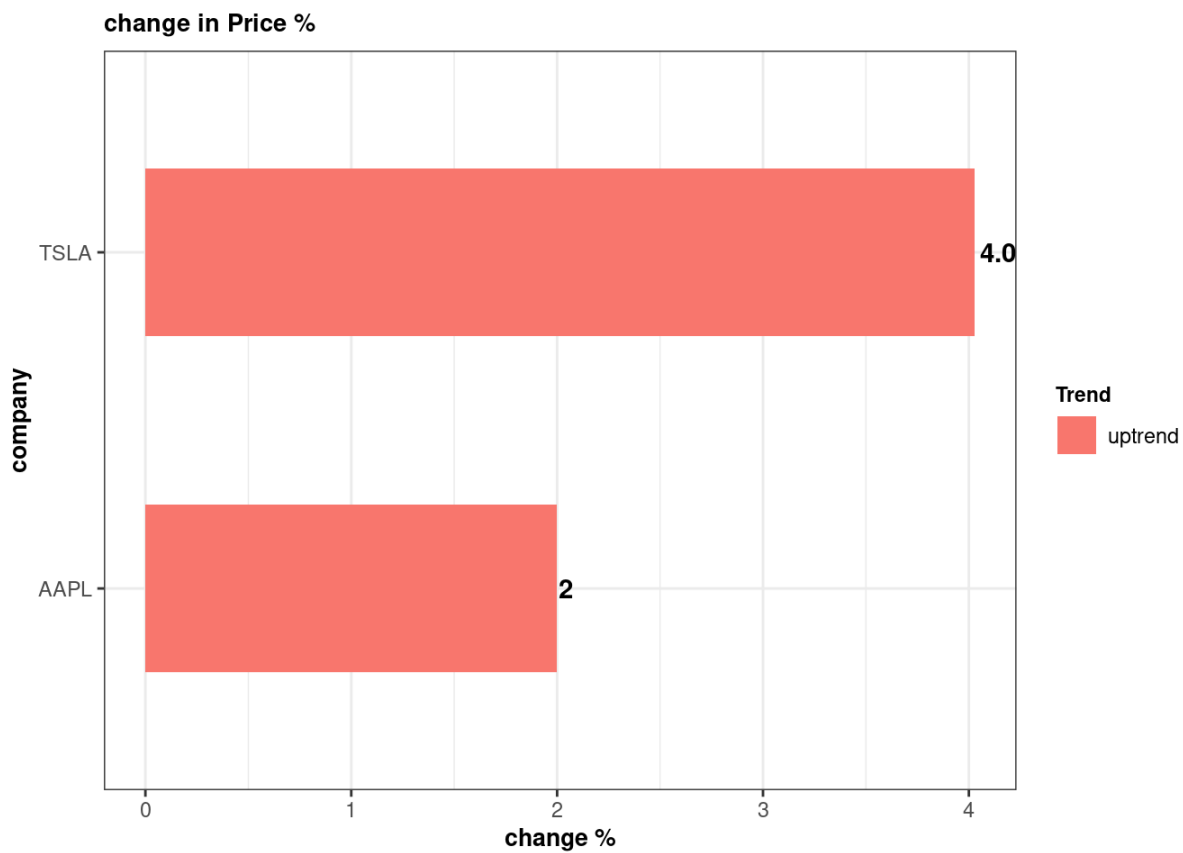


Average Volume M



Current Price

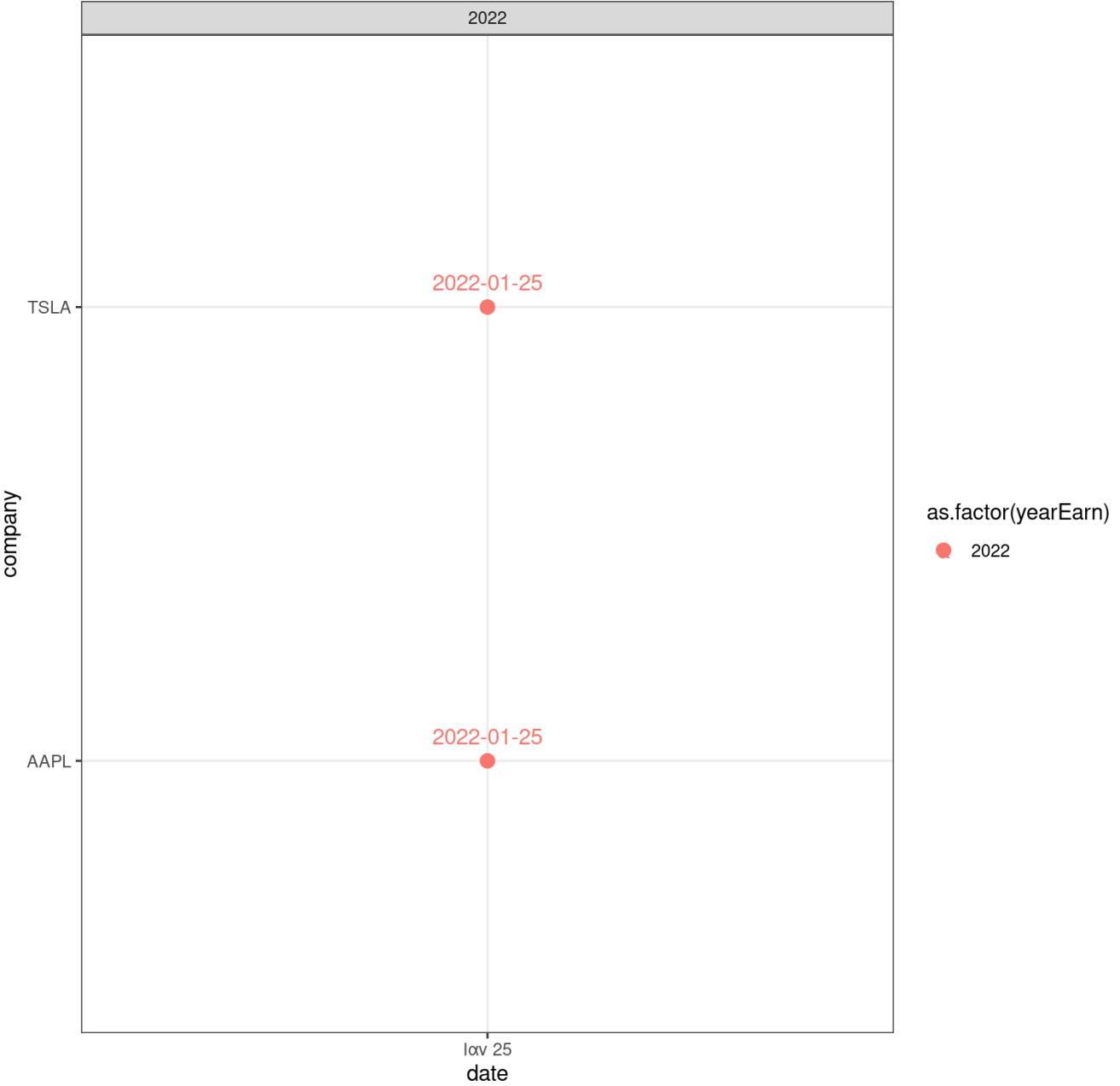


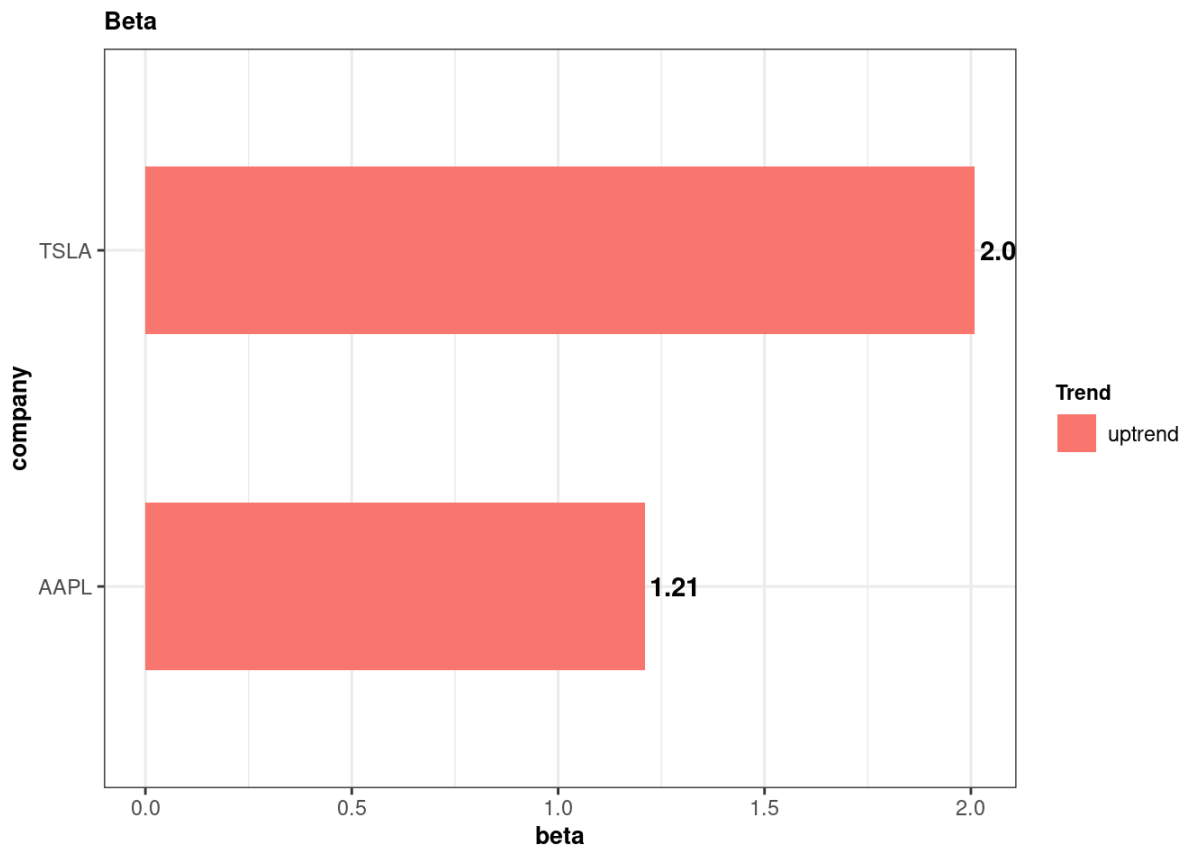


```
## earnings table - list
```

```
## Company EarningDate
## 1 AAPL 2022-01-25
## 2 TSLA 2022-01-25
```

EarningDate



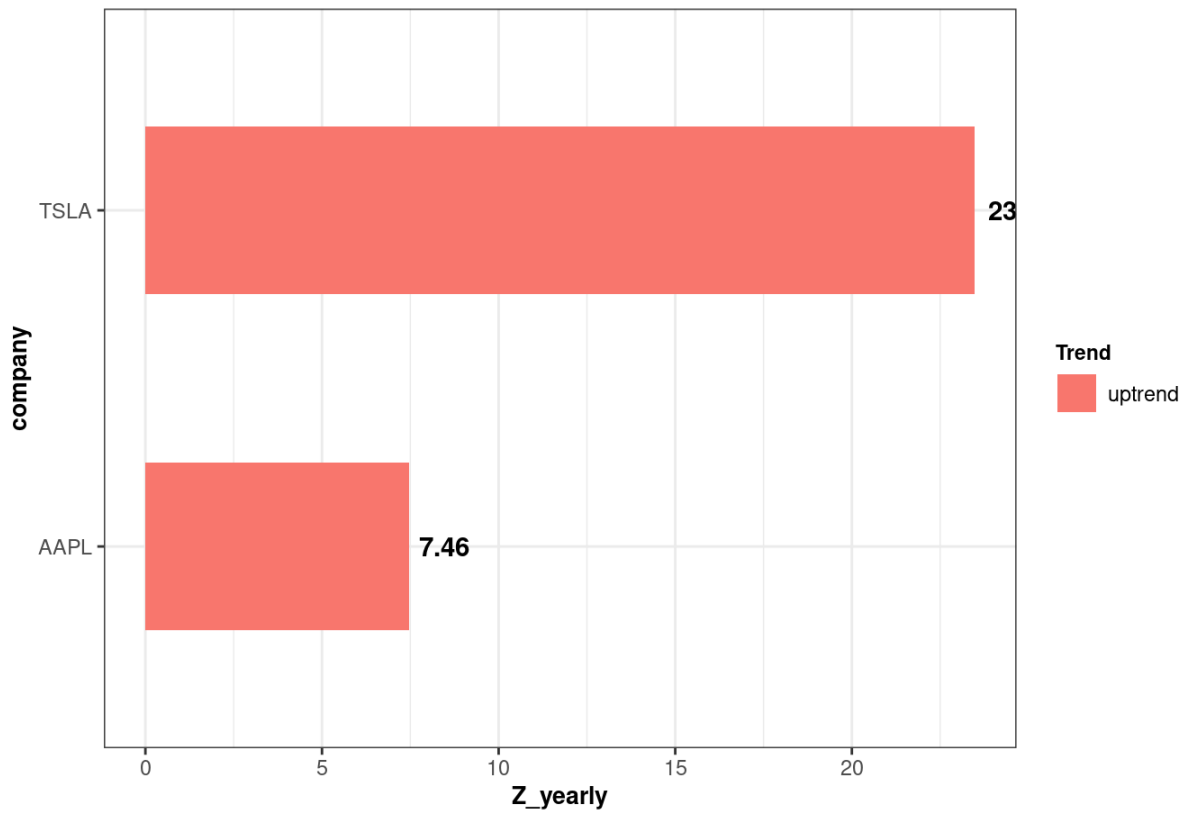


$$\text{Z-Score} = 1.2A + 1.4B + 3.3C + 0.6D + 1.0E$$

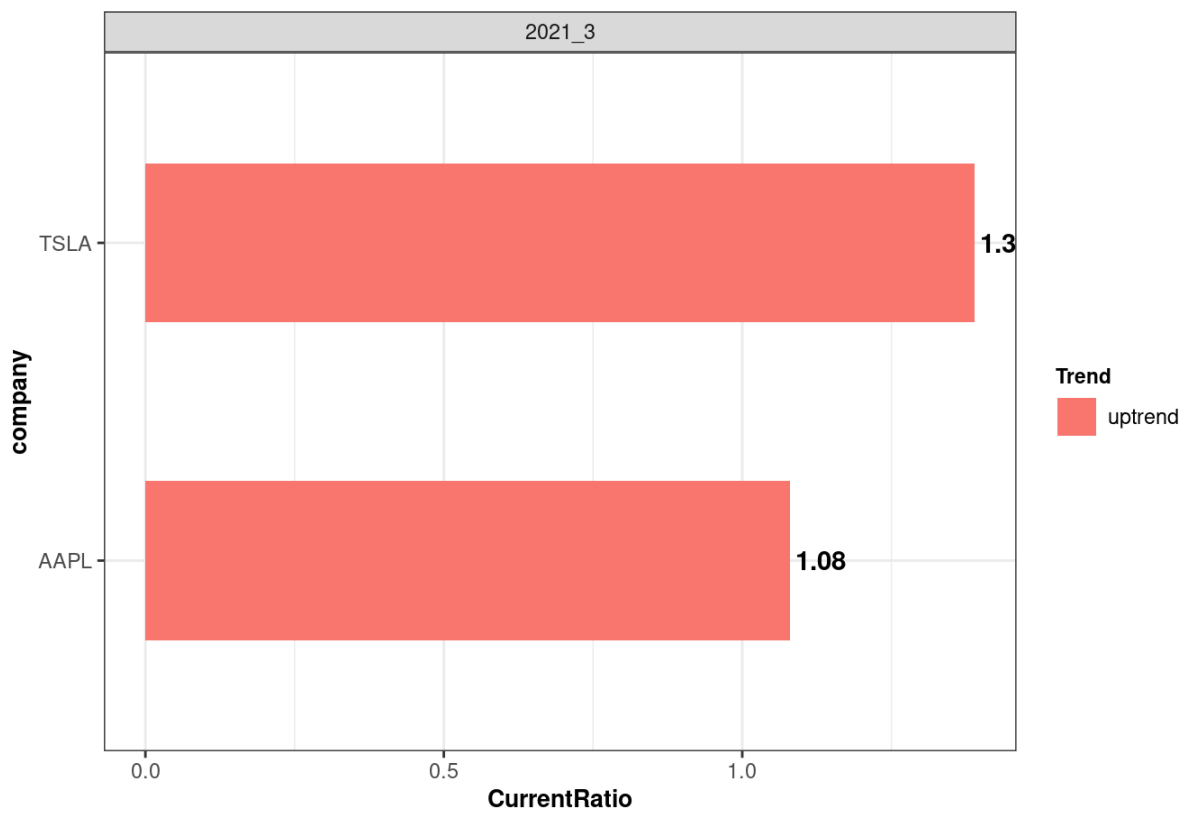
Where:

A = working capital / total assets
B = retained earnings / total assets
C = earnings before interest and tax / total assets
D = market value of equity / total liabilities
E = sales / total assets

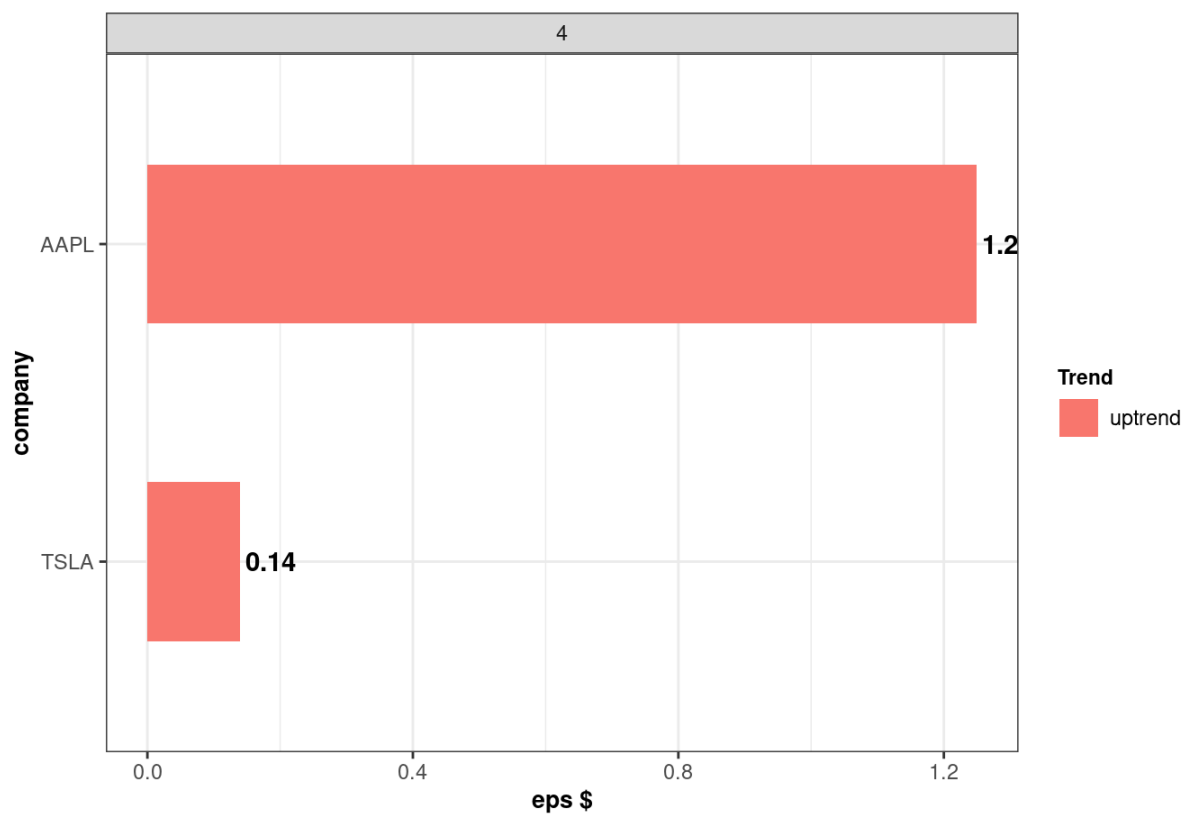
Z_yearly



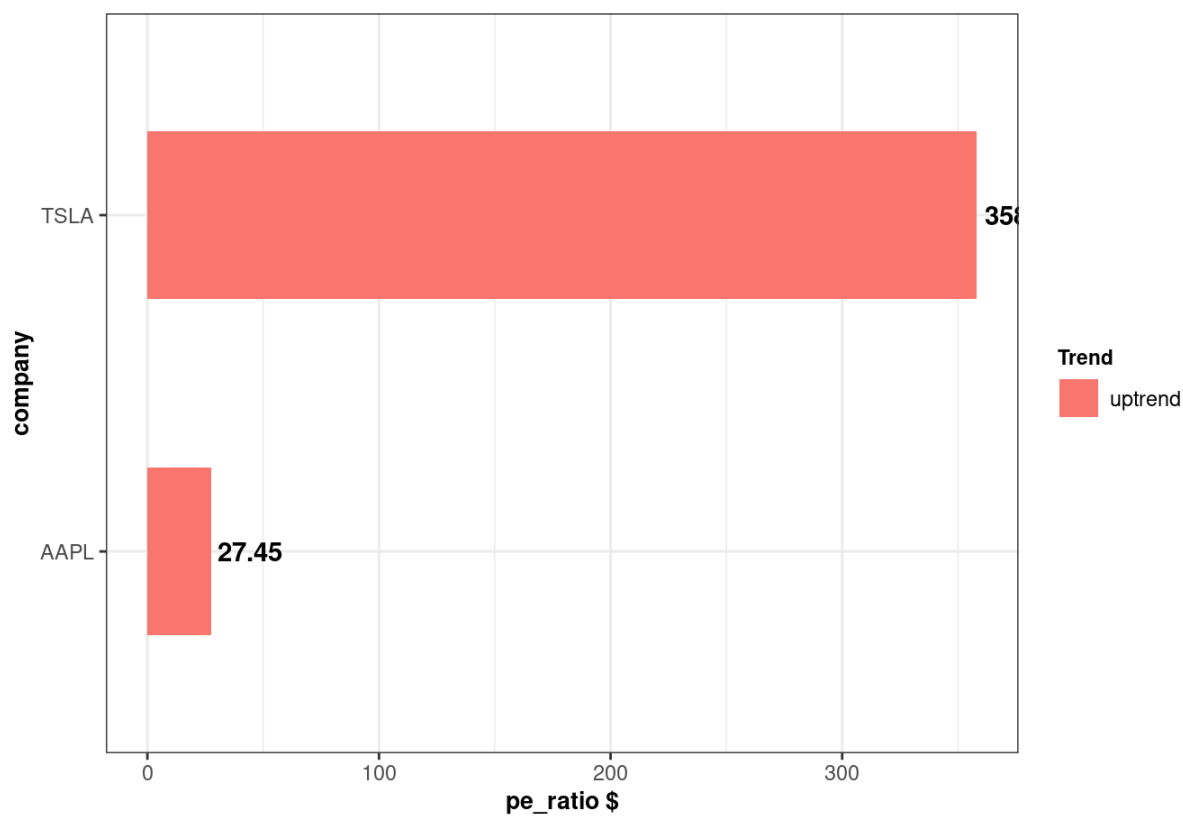
CurrentRatio



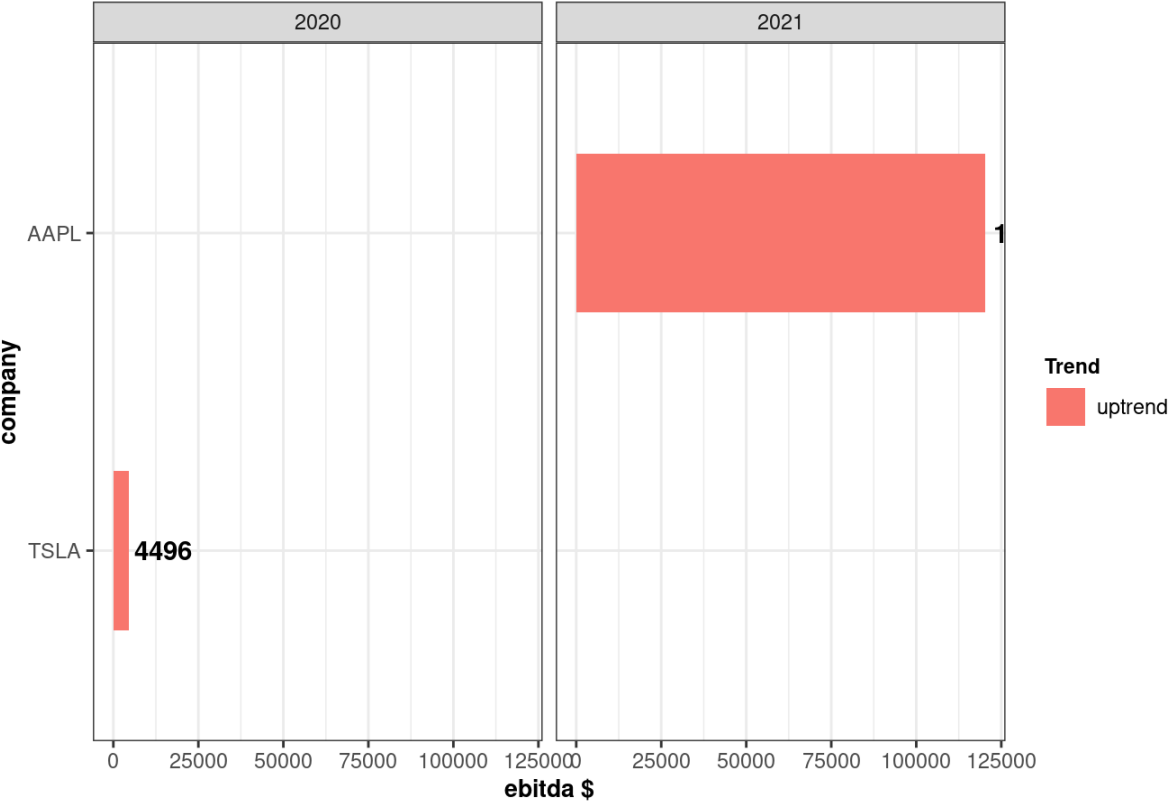
EPS



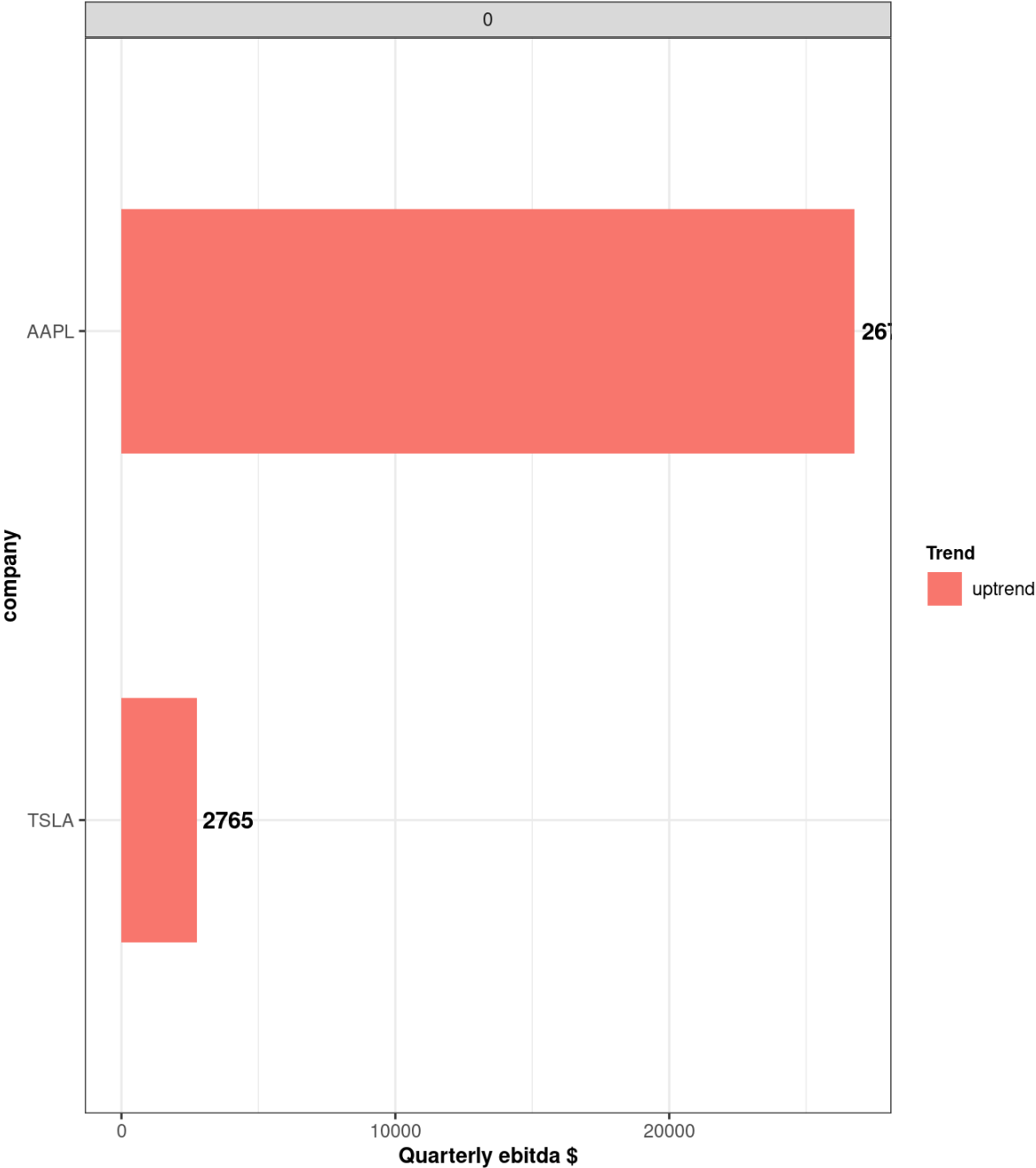
PEratio



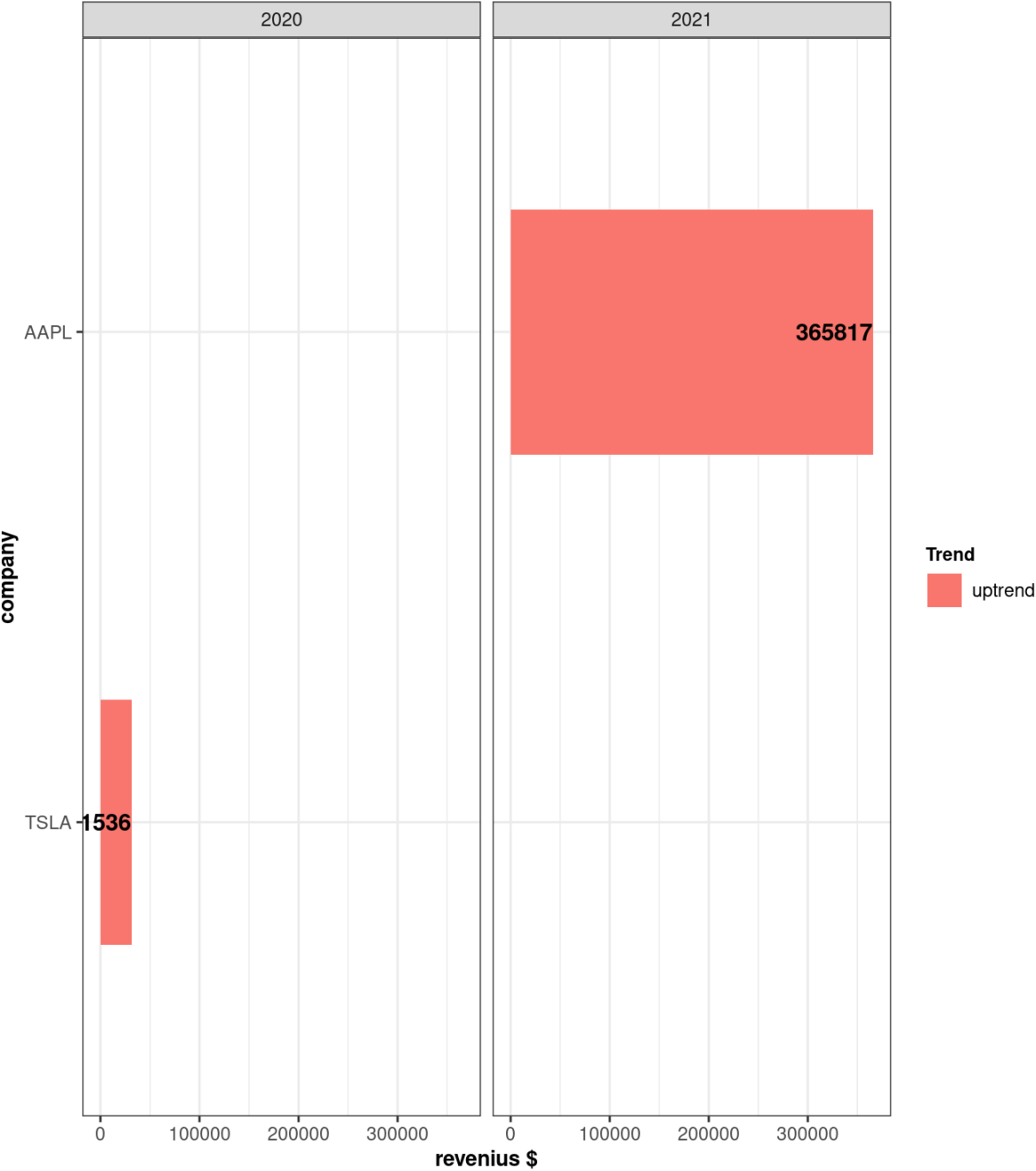
YearlyEbitda M\$



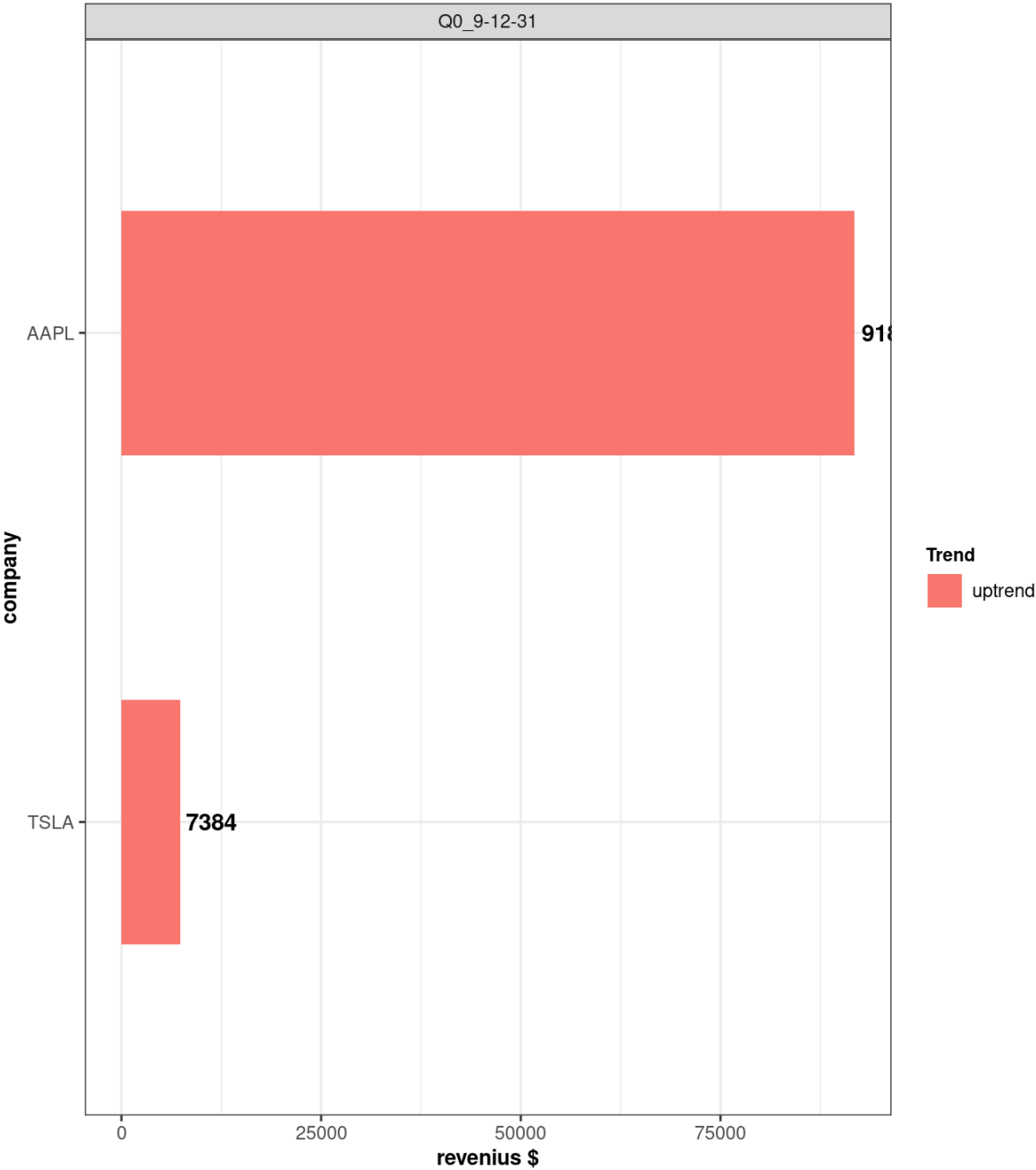
QuarterlyEbitda M\$



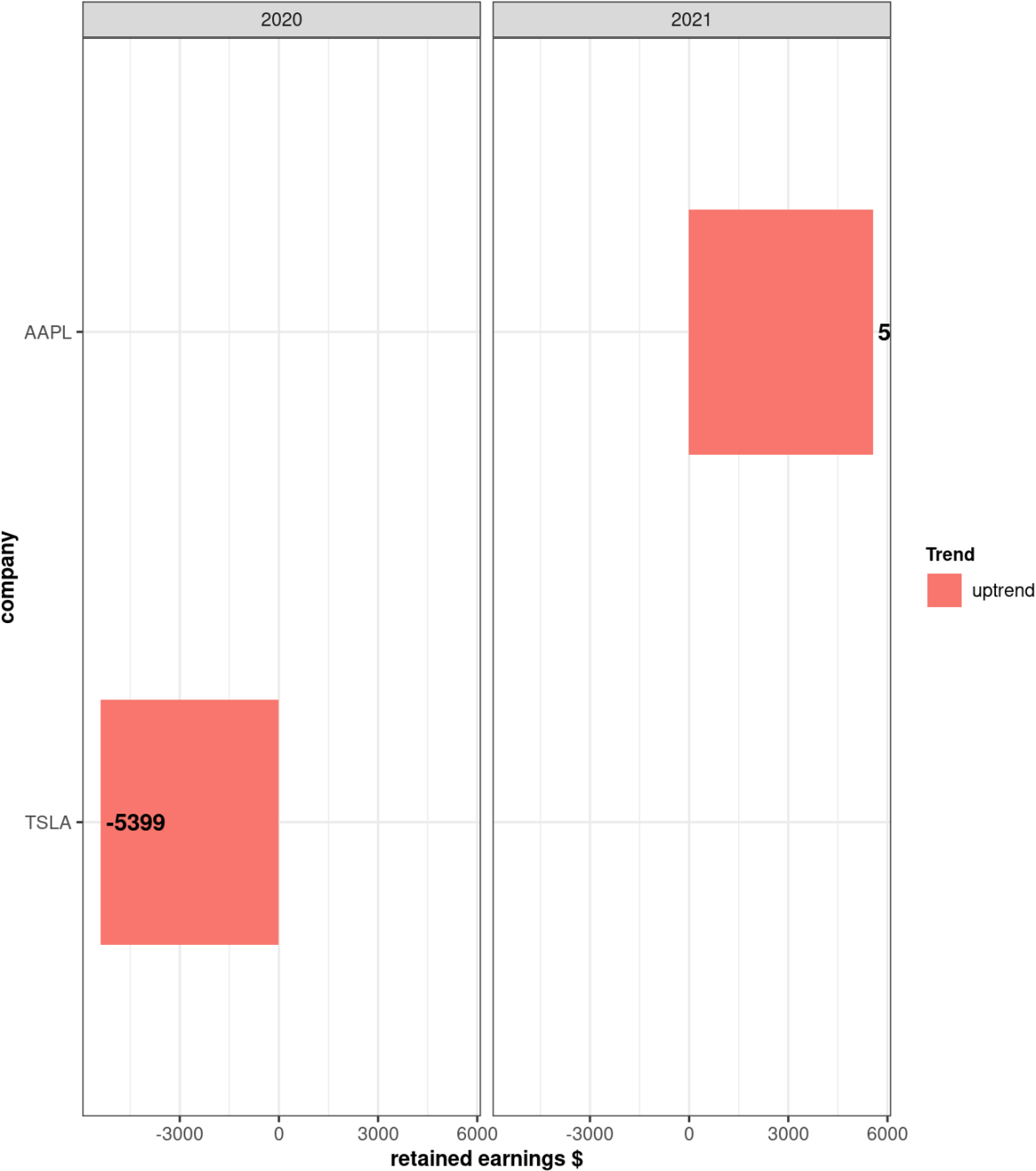
yearlyRevenies M\$



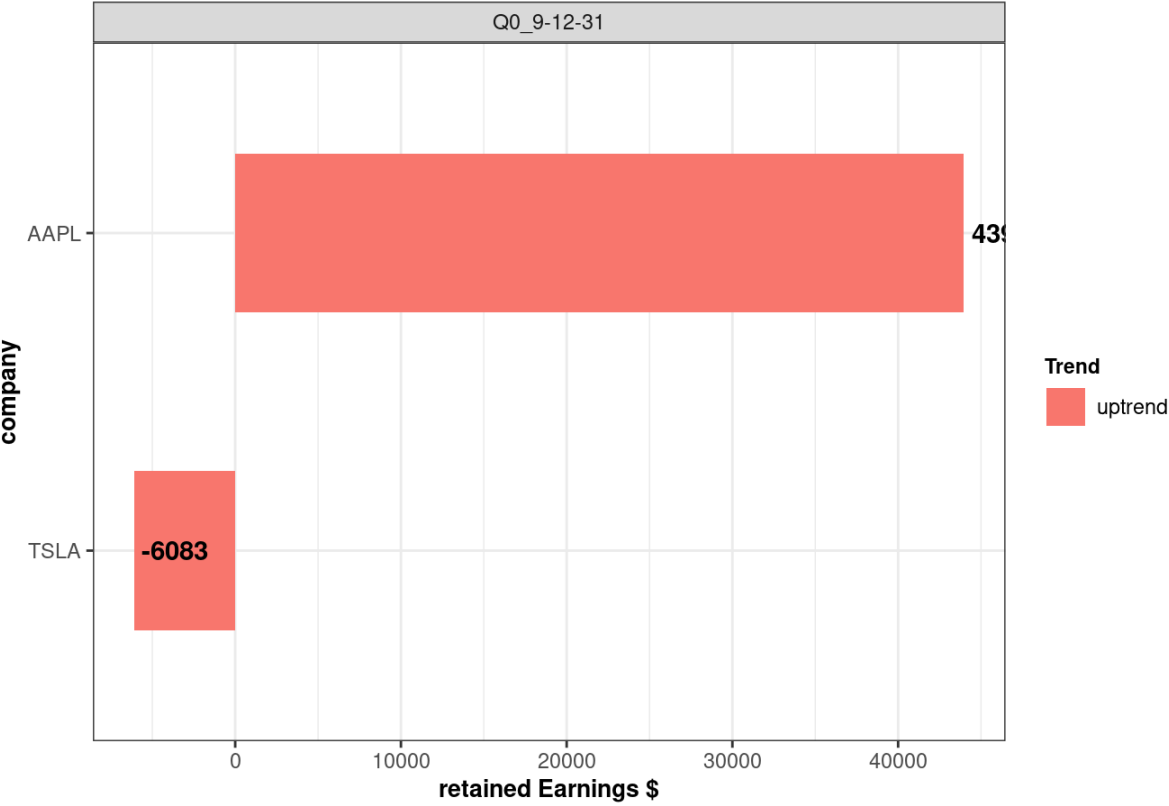
QuarterRevenues M\$



YearlyRetainedEarnings M\$



QuarterRetaindErns M\$



Number of Employees

