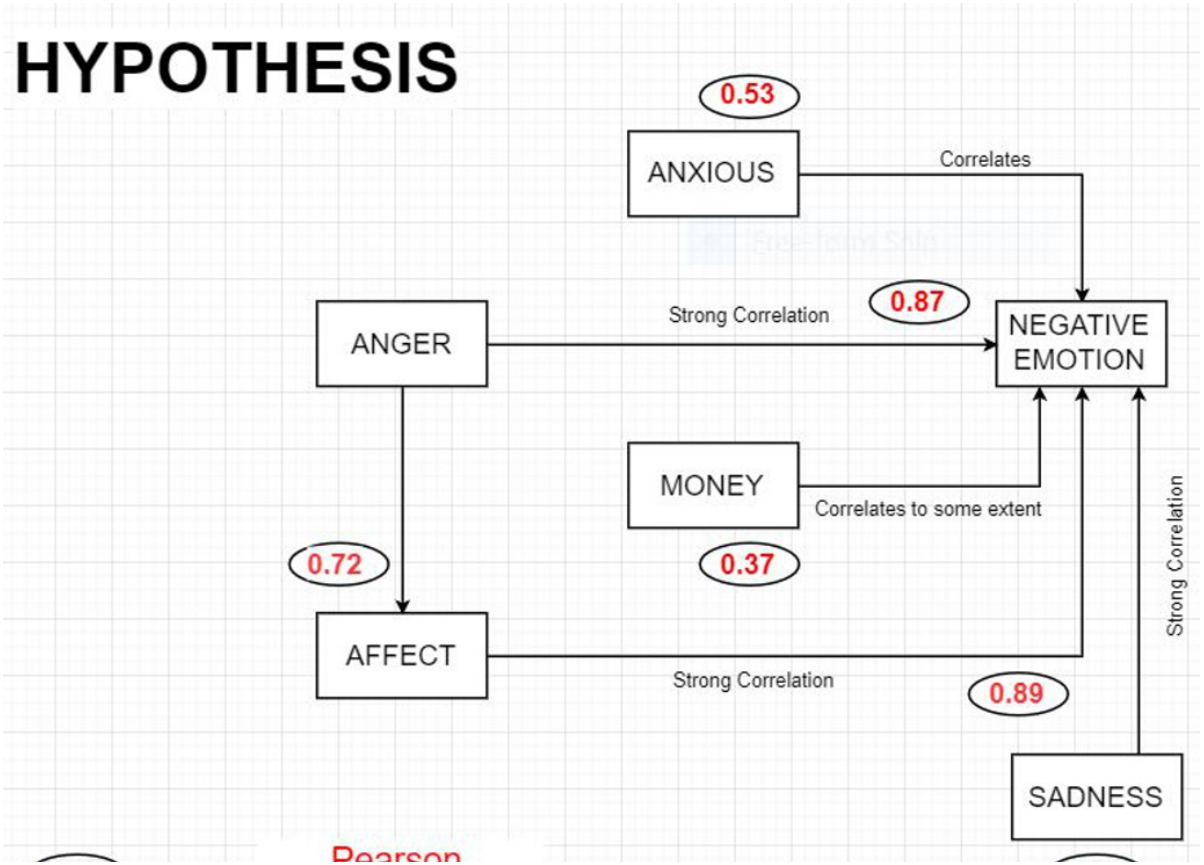
Title	Hypothesis	Anger vs Negative Emotion	Correlation Proof for Anger vs Negative Emotion	Pearson Correlation Co Efficient for Anger and Neg..	Anxious vs Negative Emotion	Correlation Proof for Anxious vs Negative Emotion	Pea rs..

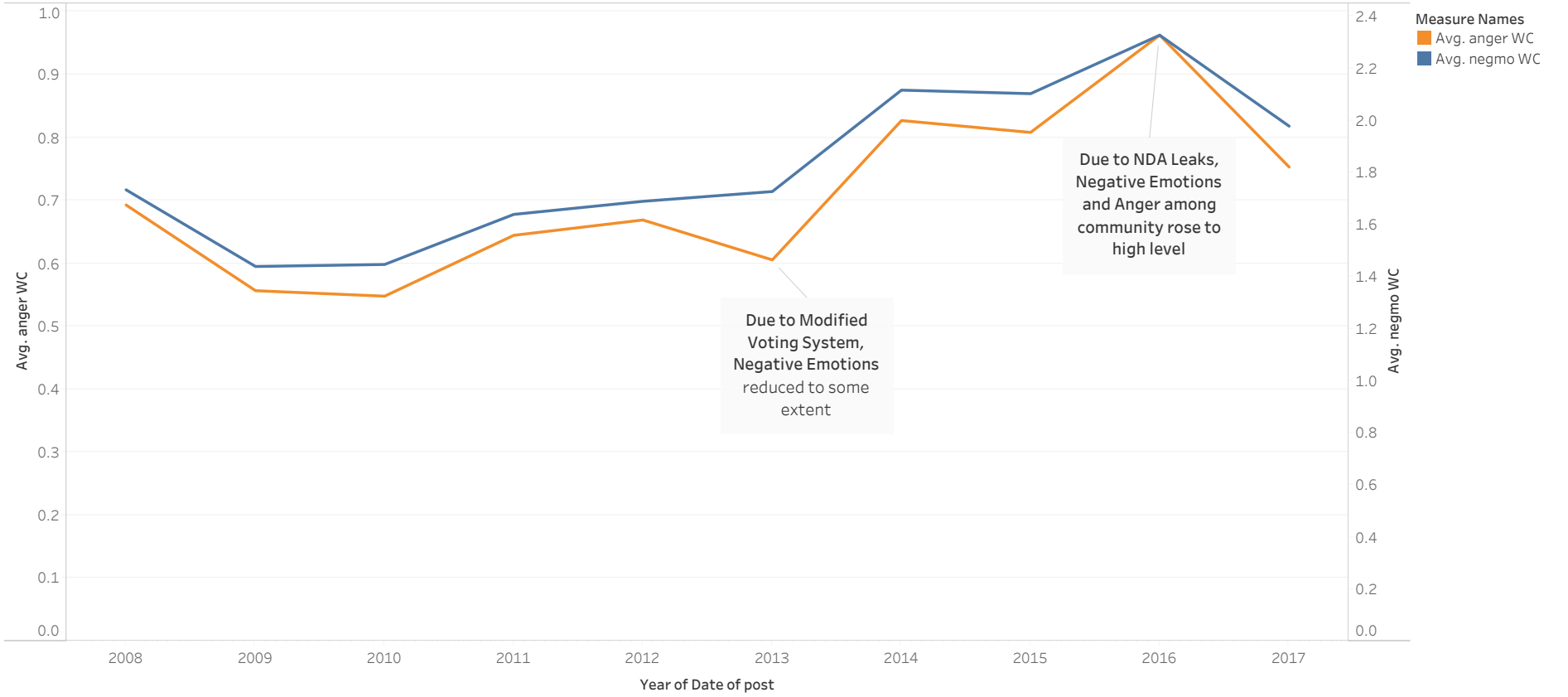
NEGATIVE EMOTION

By :
Ashish Tambadkar
Nisarg Shah
Vaibhav Shanbagh
Yash Raje
Zilun Huang

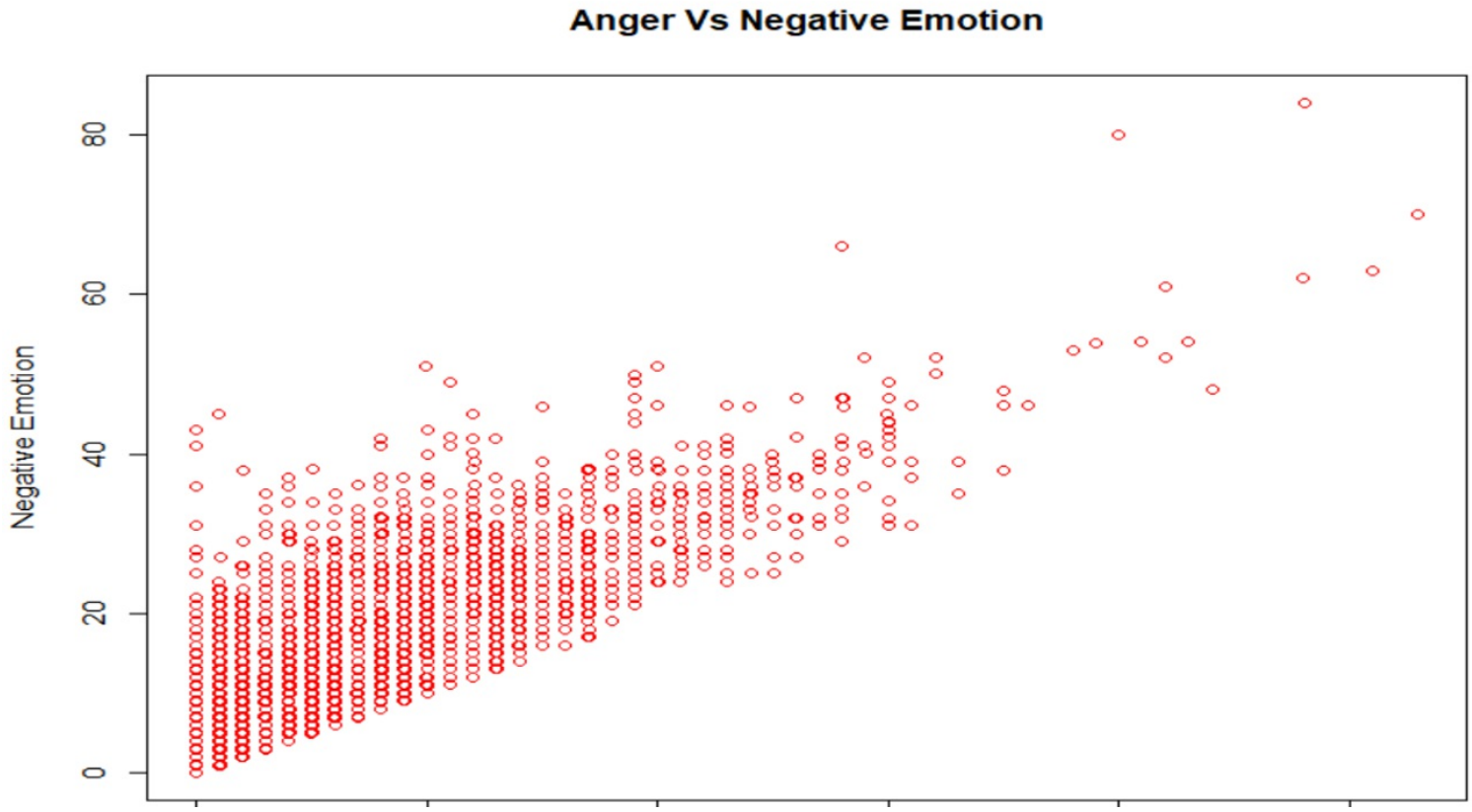
Title	Hypothesis	Anger vs Negative Emotion	Correlation Proof for Anger vs Negative Emotion	Pearson Correlation Co Efficient for Anger and Neg..	Anxious vs Negative Emotion	Correlation Proof for Anxious vs Negative Emotion	Pea rs..



Title	Hypothesis	Anger vs Negative Emotion	Correlation Proof for Anger vs Negative Emotion	Pearson Correlation Co Efficient for Anger and Neg..	Anxious vs Negative Emotion	Correlation Proof for Anxious vs Negative Emotion	Pea rs..



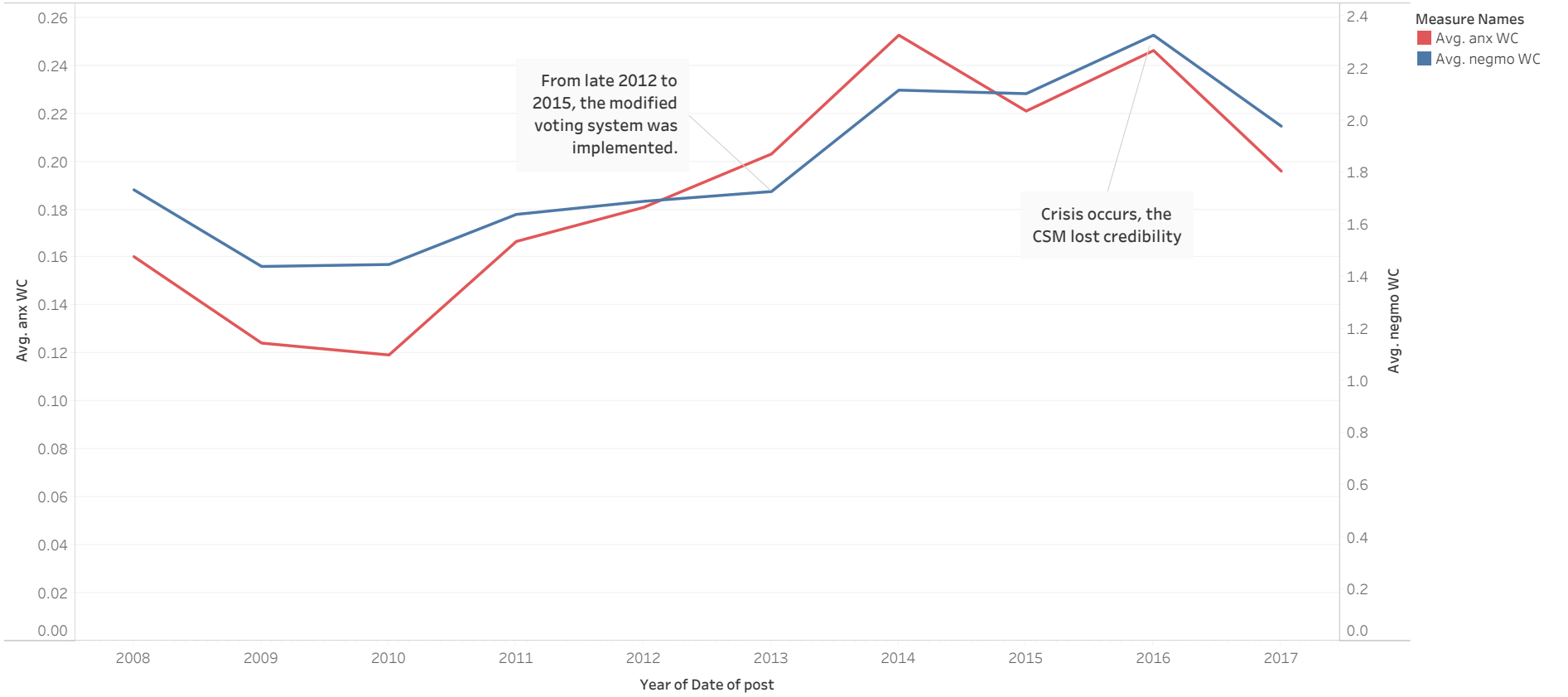
Title	Hypothesis	Anger vs Negative Emotion	Correlation Proof for Anger vs Negative Emotion	Pearson Correlation Co Efficient for Anger and Neg..	Anxious vs Negative Emotion	Correlation Proof for Anxious vs Negative Emotion	Pea rs..



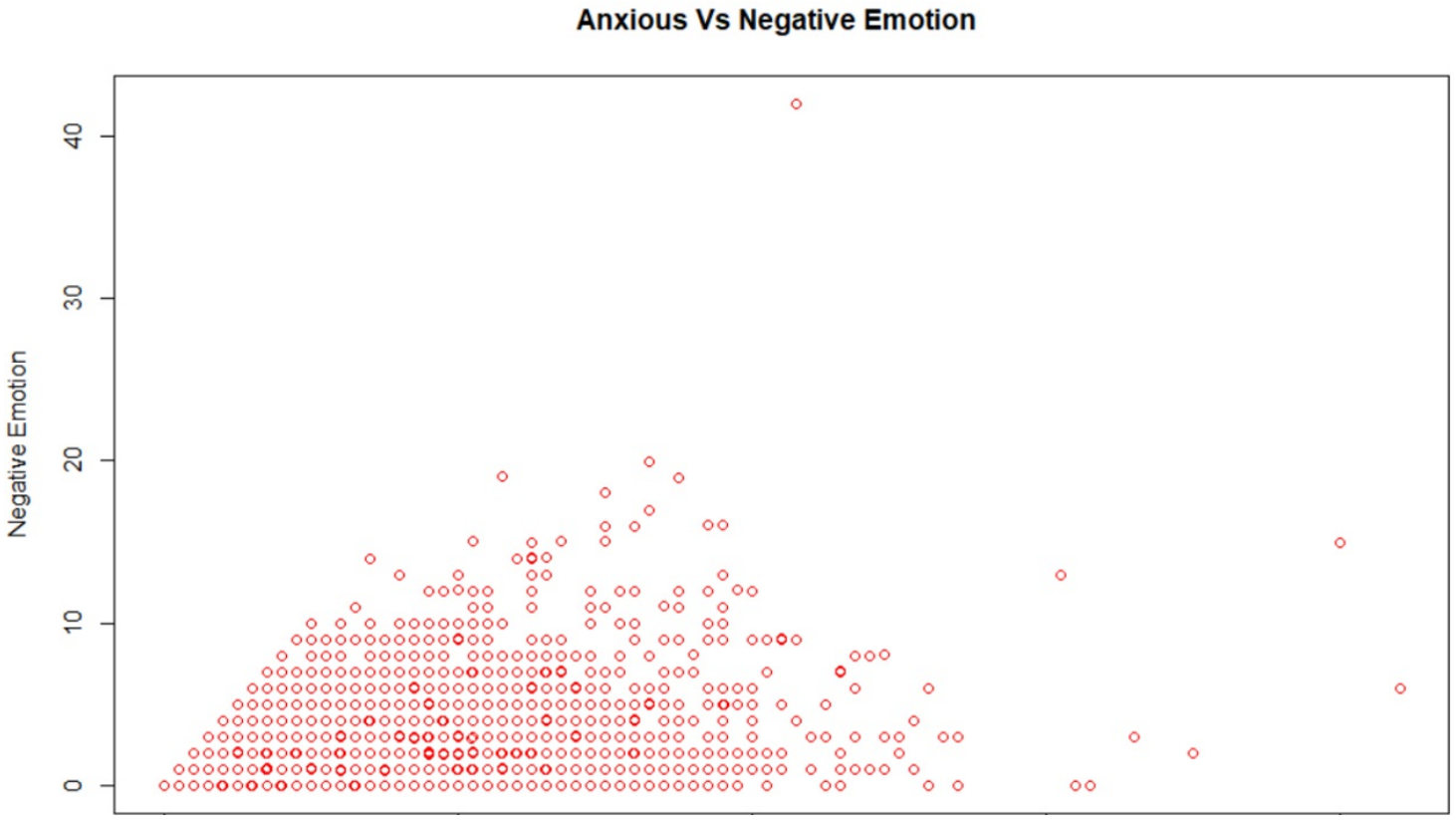
Hypothesis	Anger vs Negative Emotion	Correlation Proof for Anger vs Negative Emotion	Pearson Correlation Co Efficient for Anger and Neg..	Anxious vs Negative Emotion	Correlation Proof for Anxious vs Negative Emotion	Pearson Correlation Co Efficient for Anxiety and Ne..	A. .

```
> cor(assm$negmo.we, assm$money.we, method= pearson )
[1] 0.3717293
> #0.843936 which means very highly corelated and thus contibutes to our hypothesis
> cor.test(money, Negative_Emotion, method="pearson")

        Pearson's product-moment correlation

data:  money and Negative_Emotion
t = 226.04, df = 318660, p-value < 2.2e-16
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
 0.3687332 0.3747177
sample estimates:
      cor
0.3717293
```

Anger vs Negative Emotion | Correlation Proof for Anger vs Negative Emotion | Pearson Correlation Co Efficient for Anger and Neg.. | **Anxious vs Negative Emotion** | Correlation Proof for Anxious vs Negative Emotion | Pearson Correlation Co Efficient for Anxiety and Ne.. | Anger vs Affect | Co r..

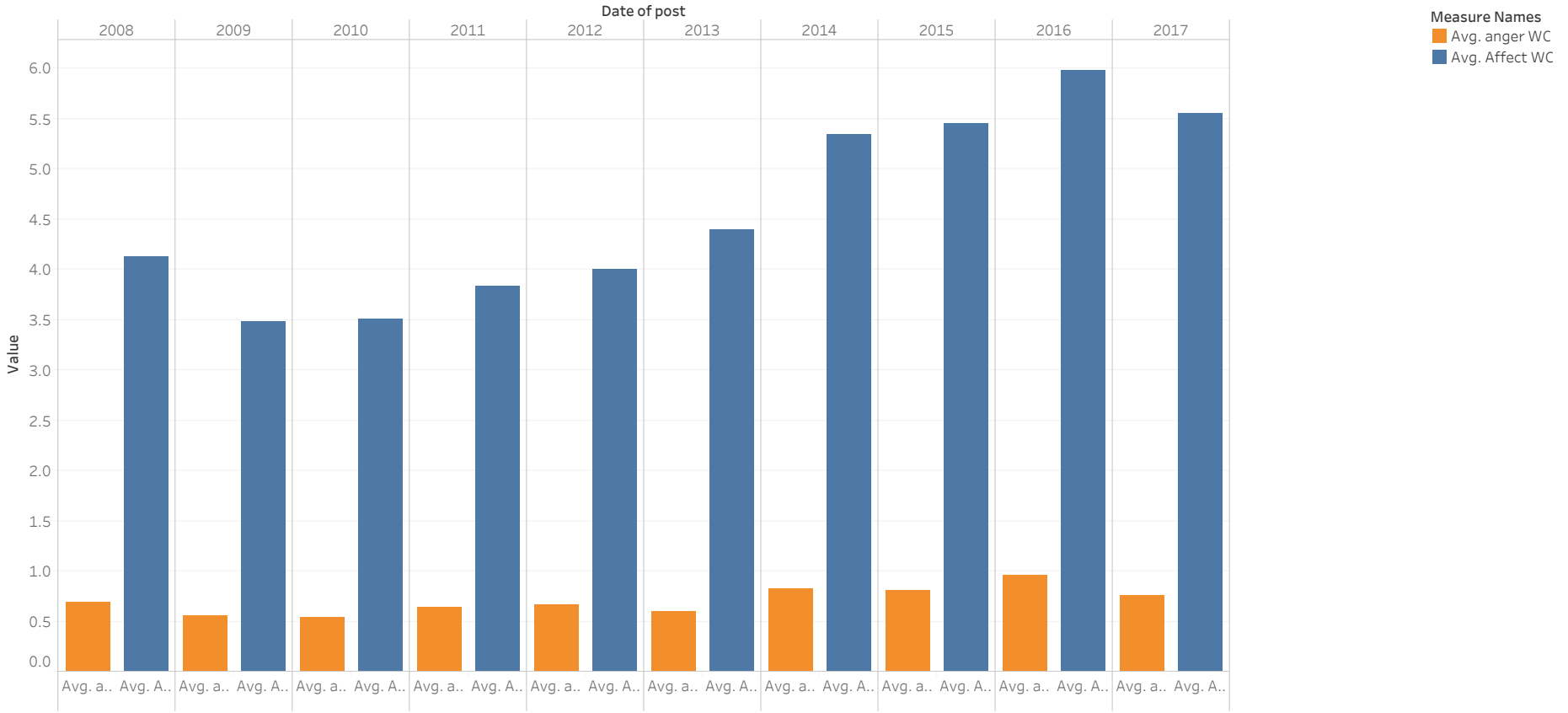


Correlation Proof for Anger vs Negative Emotion	Pearson Correlation Co Efficient for Anger and Neg..	Anxious vs Negative Emotion	Correlation Proof for Anxious vs Negative Emotion	Pearson Correlation Co Efficient for Anxiety and Ne..	Anger vs Affect	Correlation Proof for Anger vs Affect	Pe a..

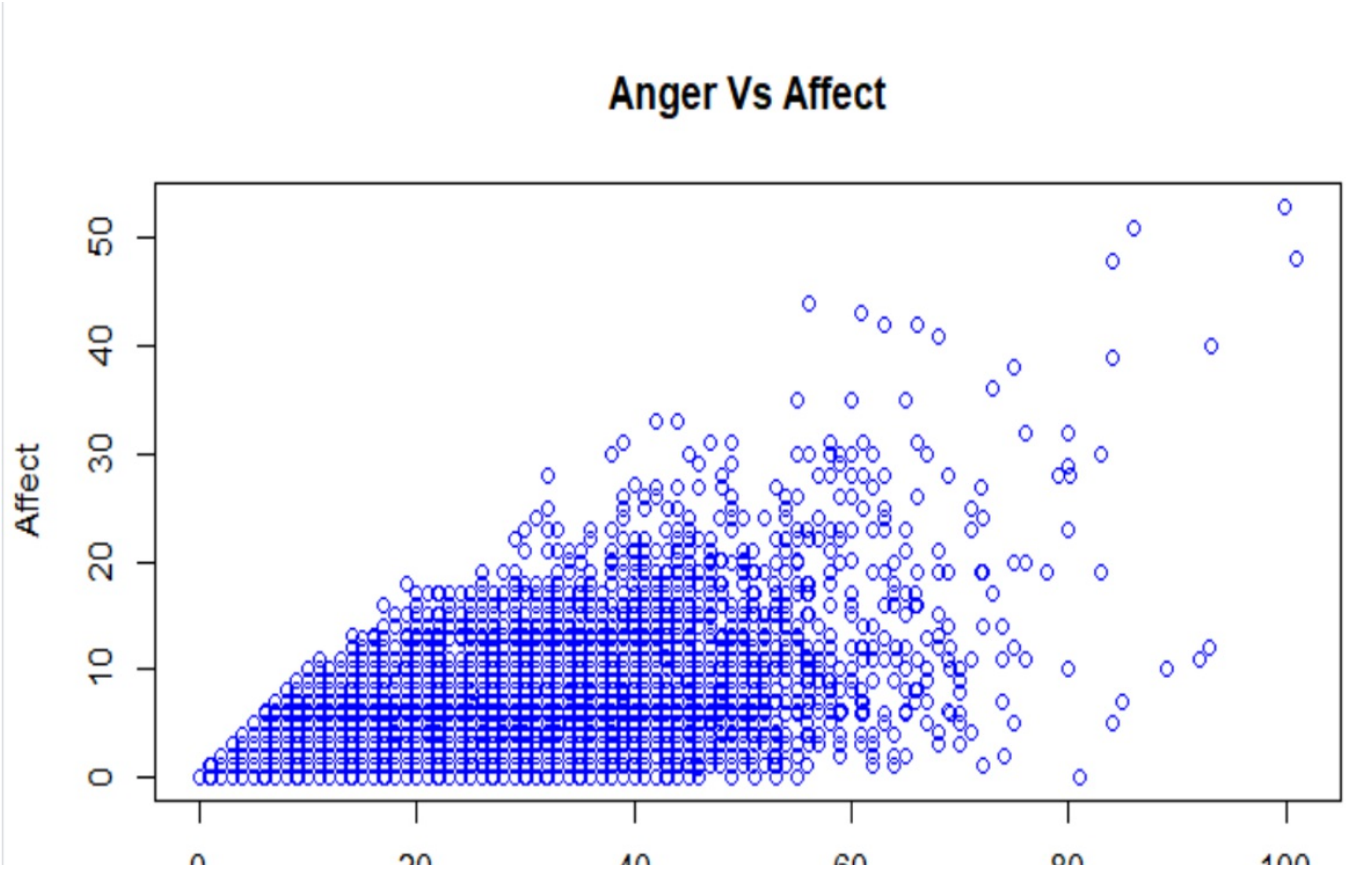


```
[1] 0.5379294
> #0.843936 which means very highly corelated and thus contibutes to our hypothesis
> cor.test(Anxiety, NegEmo, method="pearson")

        Pearson's product-moment correlation

data:  Anxiety and NegEmo
t = 360.22, df = 318660, p-value < 2.2e-16
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
 0.5354574 0.5403921
sample estimates:
      cor
0.5379294
```

Anxious vs Negative Emotion	Correlation Proof for Anxious vs Negative Emotion	Pearson Correlation Co Efficient for Anxiety and Ne..	Anger vs Affect	Correlation Proof for Anger vs Affect	Pearson Correlation Co Efficient for Anger vs Affect	Affect vs Negative Emotion	Co r..

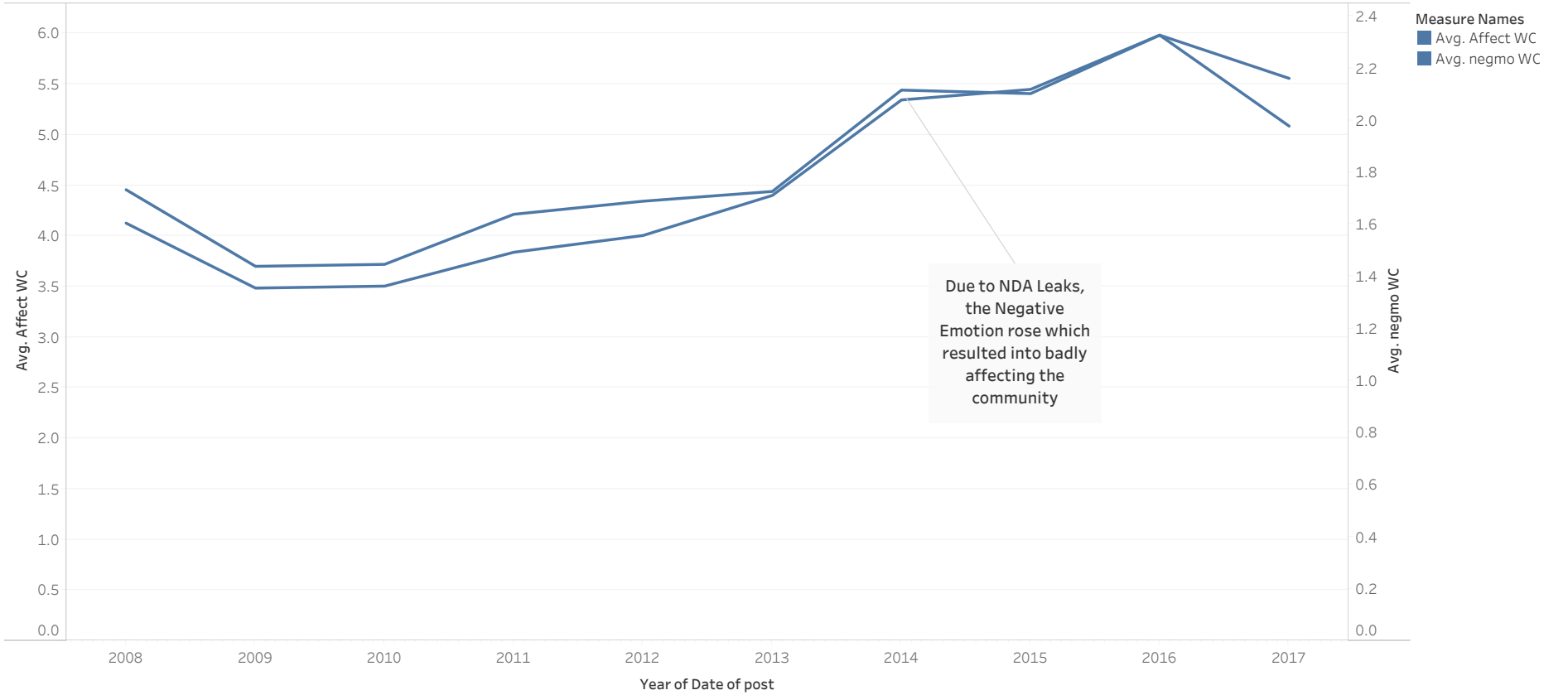


Correlation Proof for Anxious vs Negative Emotion	Pearson Correlation Co Efficient for Anxiety and Ne..	Anger vs Affect	Correlation Proof for Anger vs Affect	Pearson Correlation Co Efficient for Anger vs Affect	Affect vs Negative Emotion	Correlation Proof for Affect vs Negative Emotion	Pe a..

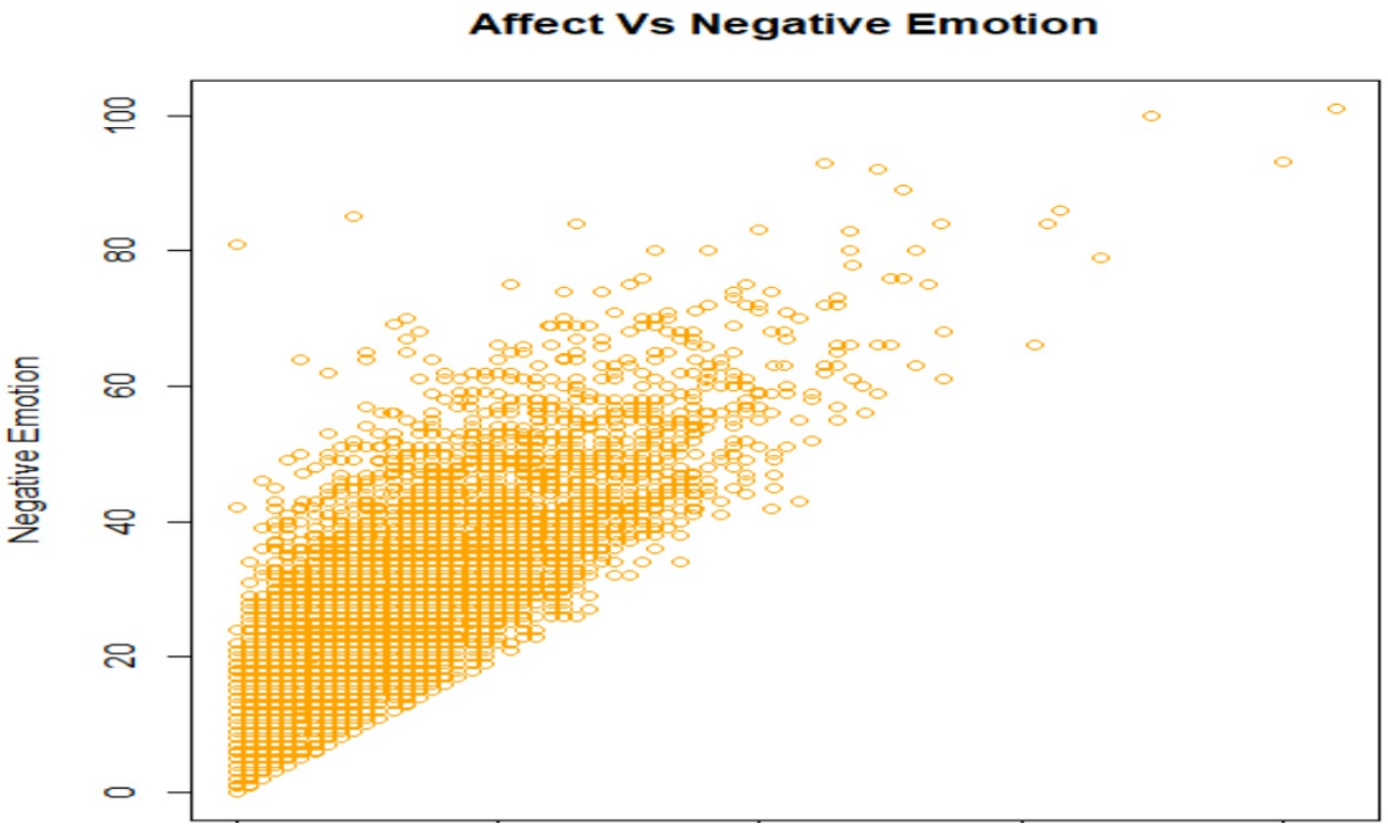


```
[1] 0.7264241
> #0.7264241 which means very highly corelated and thus contibutes to our hypothesis
> cor.test(Anger, Affect, method="pearson")

        Pearson's product-moment correlation

data:  Anger and Affect
t = 596.68, df = 318660, p-value < 2.2e-16
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
 0.7247801 0.7280599
sample estimates:
      cor
0.7264241
```

Anger vs Affect	Correlation Proof for Anger vs Affect	Pearson Correlation Co Efficient for Anger vs Affect	Affect vs Negative Emotion	Correlation Proof for Affect vs Negative Emotion	Pearson Correlation Co Efficient for Affect vs Negat..	Sad vs Negative Emotion	Co r..

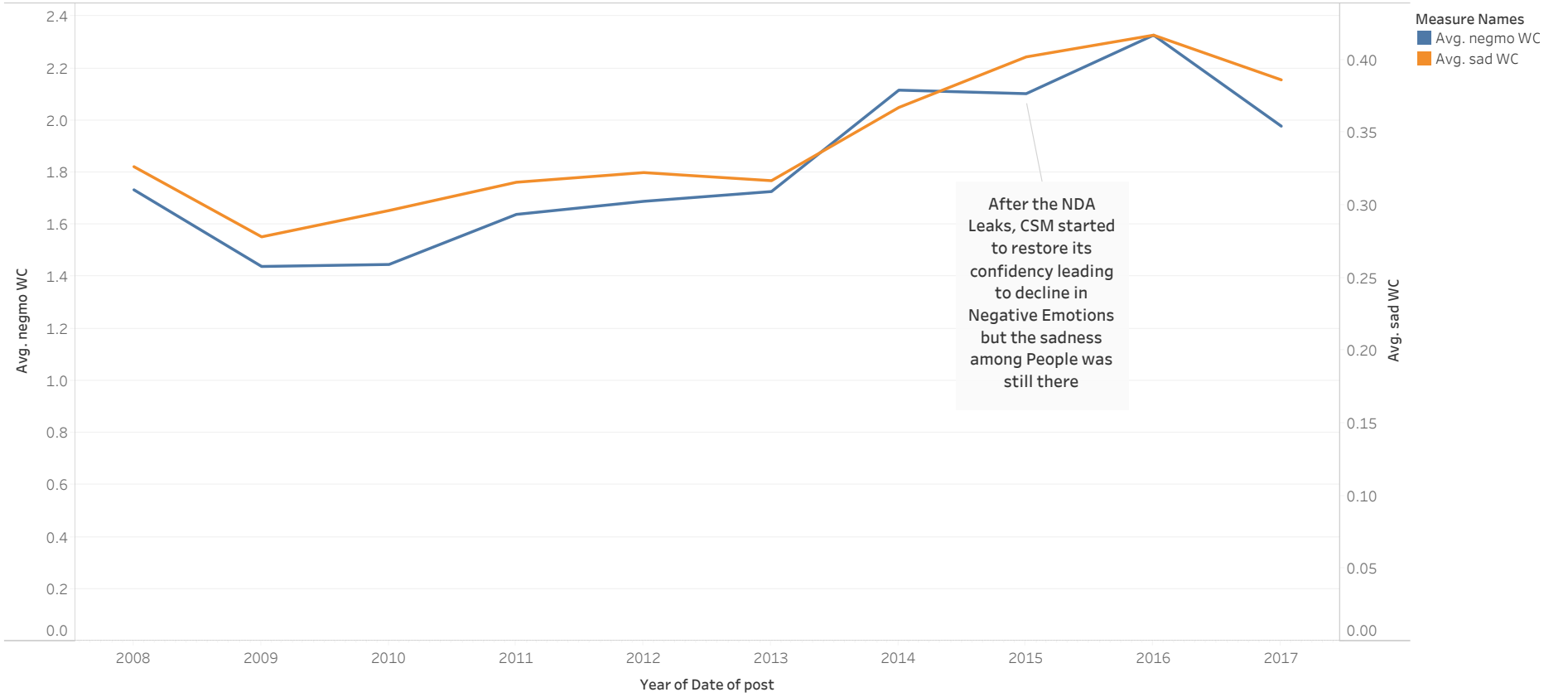


Correlation Proof for Anger vs Affect	Pearson Correlation Co Efficient for Anger vs Affect	Affect vs Negative Emotion	Correlation Proof for Affect vs Negative Emotion	Pearson Correlation Co Efficient for Affect vs Negat..	Sad vs Negative Emotion	Correlation Proof for Sad vs Negative Emotion	Pe a..

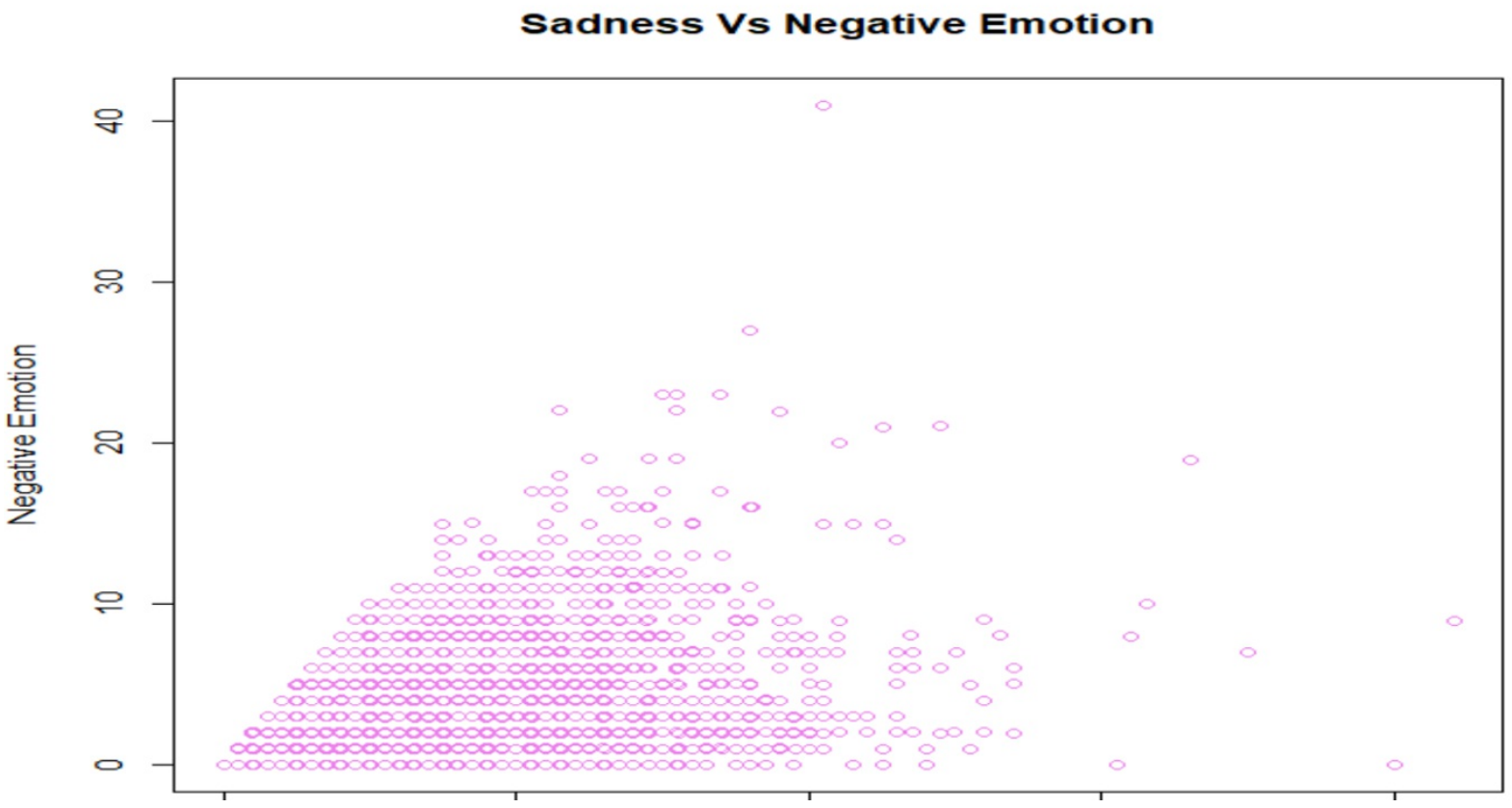


```
[1] 0.8910132
> #0.8910132 which means very highly corelated and thus contibutes to our hypothesis
> cor.test(Affect, NegEmo, method="pearson")

        Pearson's product-moment correlation

data:  Affect and NegEmo
t = 596.68, df = 318660, p-value < 2.2e-16
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
 0.7247801 0.7280599
sample estimates:
      cor
0.7264241
```

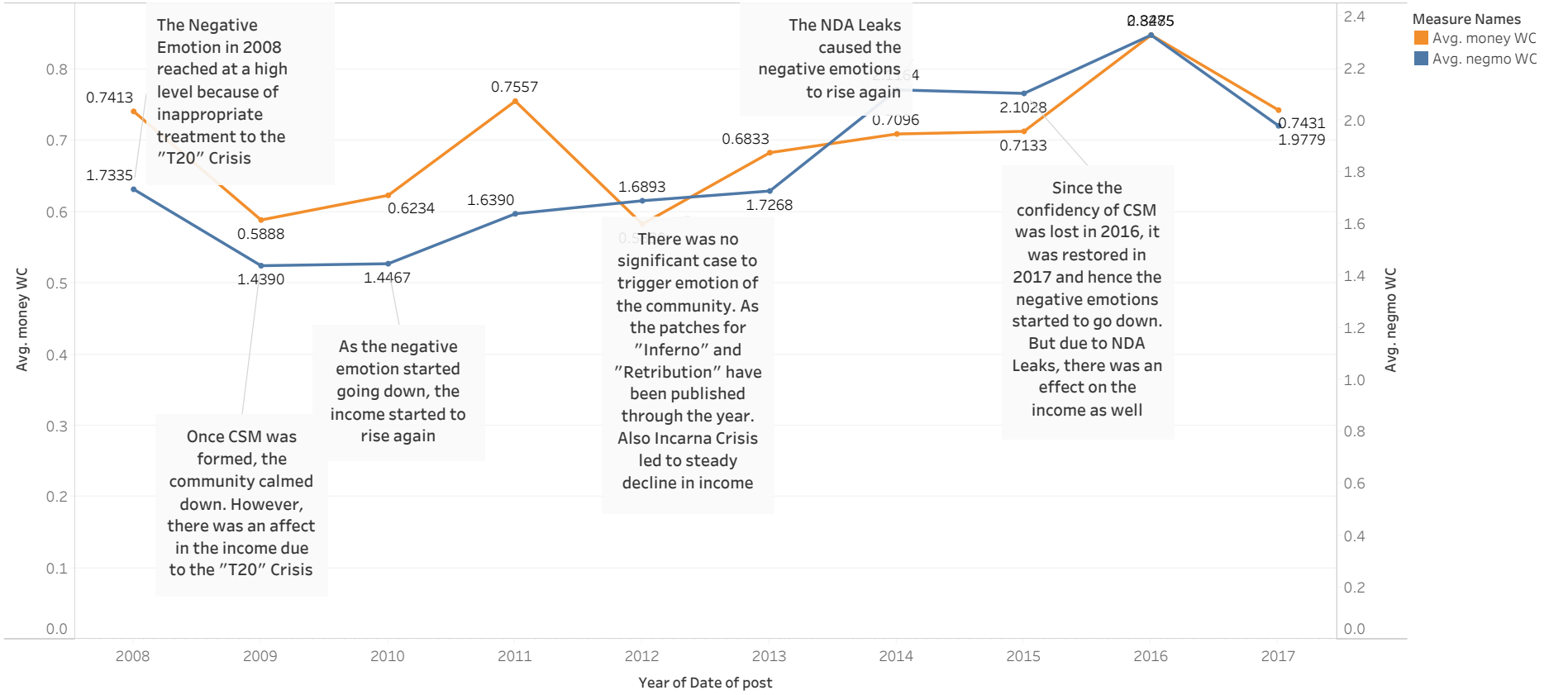
Affect vs Negative Emotion | Correlation Proof for Affect vs Negative Emotion | Pearson Correlation Co Efficient for Affect vs Negat.. | **Sad vs Negative Emotion** | Correlation Proof for Sad vs Negative Emotion | Pearson Co Efficient for Sad vs Negative Emotion | Money vs Negative Emotion | Su ..

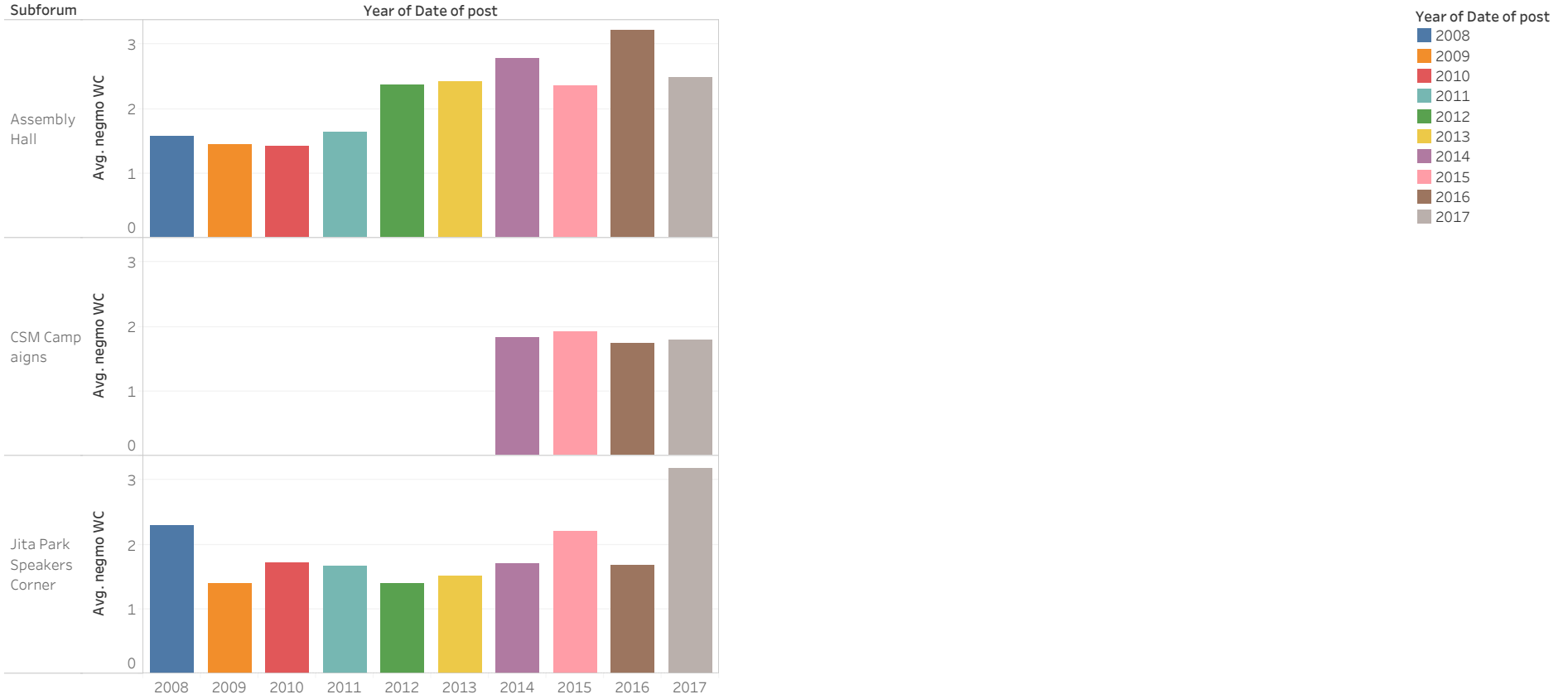


Correlation Proof for Affect vs Negative Emotion	Pearson Correlation Co Efficient for Affect vs Negat..	Sad vs Negative Emotion	Correlation Proof for Sad vs Negative Emotion	Pearson Co Efficient for Sad vs Negative Emotion	Money vs Negative Emotion	Subforums with Negative Emotion for 2008-2017	Co ..



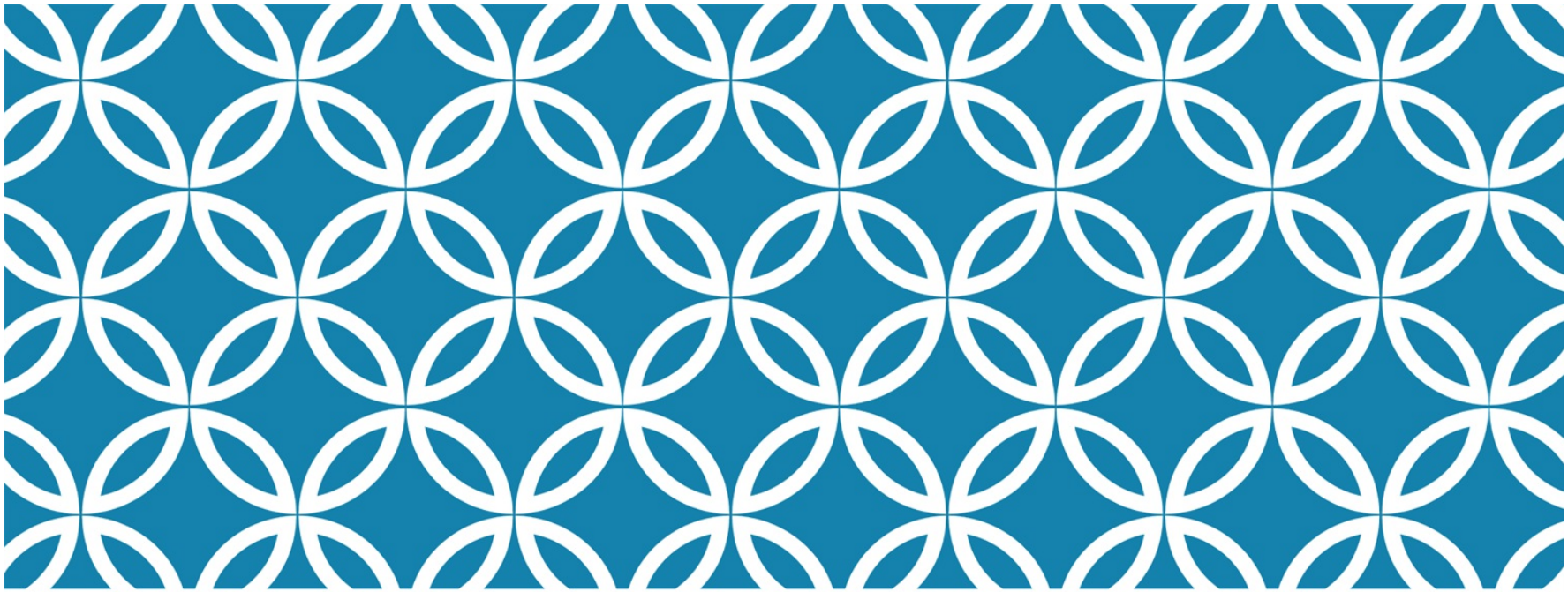
```
[1] 0.6501996
> #0.6501996 which means very highly corelated and thus contibutes to our hypothesis
> cor.test(Sad, NegEmo, method="pearson")

        Pearson's product-moment correlation

data:  Sad and NegEmo
t = 483.09, df = 318660, p-value < 2.2e-16
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
 0.6481909 0.6521993
sample estimates:
      cor
0.6501996
```


The Negative Emotion in 2008 reached at a high level because of inappropriate treatment to the "T20" Crisis
Once CSM was formed, the community calmed down. However, there was an affect in the income due to the "T20" Crisis
As the negative emotion started going down, the income started to rise again
There was no significant case to trigger emotion of the community. As the patches for "Inferno" and "Retribution" have been published through the year. Also Incarna Crisis led to steady decline in income
The NDA Leaks caused the negative emotions to rise again
Since the confidency of CSM was lost in 2016, it was restored in 2017 and hence the negative emotions started to go down. But due to NDA Leaks, there was an effect on the income as well
0.7413
1.7335
0.5888
1.4390
0.6234
1.4467
0.7557
1.6390
1.6893
0.6833
1.7268
0.7096
2.1028
0.7133
0.7431
1.9779
Avg. money WC
Avg. negmo WC
Year of Date of post
Measure Names
Avg. money WC
Avg. negmo WC


Subforum
Year of Date of post
Assembly Hall
CSM Campaigns
Jita Park Speakers Corner
Avg. negmo WC
0
1
2
3
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
Year of Date of post
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017

CONCLUSION

- From the previous analysis and the correlation co efficient value, we conclude that Affect, Anger and Sadness contribute immensely to our outcome variable.
- Also, Money and Anxious Variables contribute to the outcome variable in some extent.
- Also from this analysis pitch we plan to inform CCP regarding the variables that are driving the outcome variable and how CCP can manipulate these to understand



THANK YOU