Title: Excellent Analysis on 90 day cycles by u/PWNWTFBBQ
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Url: /r/DDintoGME/comments/ogjoh3/i_think_i_figured_out_the_shorting_algorithm/

Linked Post Content:
Let's begin by looking at EVERYTHING

Here is a quick overlay of March / April data and June / July data to see how the trends are exactly the fucking same.

https://preview.redd.it/j6g4v320u2a71.png?width=957&format;=png&auto;=webp&s;=f23c7ac073c80e09d
c1f126af80bef6cbeeff6b1

If we were to adjust the size of the red dildos so they match, you can fucking see the relative rates of change are EXACTLY THE FUCKING SAME again.

https://preview.redd.it/fhc9j101u2a71.png?width=957&format;=png&auto;=webp&s;=4527a1e00ec5c5a7fc
2452acb7adc9db265febee

Here are the candlesticks directly on top of each other if I haven't stressed my point enough.

https://preview.redd.it/s724y8k2u2a71.png?width=955&format;=png&auto;=webp&s;=a28d44cbc16d552a
41217fe0290afe6c51335e19

Selecting which values to compare

Stretching the 6/15 red dildo to match the same length as 3/10, the close and high have the same ratio size. This is circled in rotten banana color.

https://preview.redd.it/8j8q6ta4u2a71.png?width=541&format;=png&auto;=webp&s;=e34e230d5468c6482
9371c5f633c0309fd4da55e

Thus, it looks like we can compare the wick and the upper body of the candlesticks against each other.

BUT FIRST

Let's refresh our memory on how candlesticks work. Both the red and green have the same locations for their highs and lows, however, their open and close are different:

https://preview.redd.it/2vzdaki6u2a71.png?width=542&format;=png&auto;=webp&s;=a08eebf5365c4841d
61aa93f716d3323938775bc

Back to the Mathemagics

If we were to continue to match up 3/10 with 6/15, we get the below table. The "Current Open Close" and the "Older Open Close" is the value of the top of the candlestick body. The "Open Close Difference" is "Current Open Close" subtracted by "Older Open Close."

https://preview.redd.it/1u0jdgvlu2a71.png?width=1306&format;=png&auto;=webp&s;=359406a07287edd8
5a9fff381750431651ee77a5

Looking at all the data at once

If we were to graph all the current open close against the older open close, the correlation isn't that high.

https://preview.redd.it/i5gg42hnu2a71.png?width=1369&format;=png&auto;=webp&s;=f680ca9c30d29bc0

0c5e1dedacf816061f467e7a

However, if we separate into time intervals, we can see how the correlation increases and the similarities are beginning are becoming tighter and tighter. Our R\^2 values are crazy good.

https://preview.redd.it/bt7gyu3pu2a71.png?width=1391&format;=png&auto;=webp&s;=8e5ef7e97024a266441d551cdf1a1a280d9fd067

Looking at the difference between the Two

Despite if the day is red or green, the top parts of the candlestick body are looking trending similarly to each other. The average difference between the tops from the current data and the older data seems to be about $25.

https://preview.redd.it/fhbj2lfqu2a71.png?width=652&format;=png&auto;=webp&s;=1793291b6b0061015f75bbcfd617655e4c326f4e

If we look at the difference by a day to day difference we can see it is beginning to level.

https://preview.redd.it/cdjfw1mru2a71.png?width=1317&format;=png&auto;=webp&s;=cf75da313bcf1438812c91e18a41fb37d5cb7df4

If we were to segregate the data into time intervals, we can see how the difference is moving to about $20 - $30. The regression lines are becoming more and more horizontal since as time continues, there is no change.

https://preview.redd.it/wm8a2jnsu2a71.png?width=1330&format;=png&auto;=webp&s;=eda2b871341c94478e56cab13ff99c58fcaf5787

We can also view it as a density chart.

https://preview.redd.it/u6xs9djuu2a71.png?width=1039&format;=png&auto;=webp&s;=ad7d22d66a6622702bffd7679dd08b06910c8659

Incorporating the Algorithms

https://preview.redd.it/4yy5s3rvu2a71.png?width=772&format;=png&auto;=webp&s;=2fbbc6915330f512c2f62c07b43d37139678d770

90 day calibration?

The red giant dildos we aligned earlier (3/10 and 6/15) have total of 68 trading days / 96 total between. If we take a few steps back, we can see how there is a break from the trends at 2/24 and 5/24 (circled in yellow). After the yellow circle dates, we see an upwards trend for about 17 days followed by an immediate drop.

https://preview.redd.it/ixkzkc79x2a71.png?width=1266&format;=png&auto;=webp&s;=e8f6b9450e1e8b6dfc873ef68885ffef5dbd9746

The algorithms are repeating every 90 days. Left side buildup see the last max 16 days in followed by a small red day on day 17. The subsequent small red day is followed by a big red day.

https://preview.redd.it/r64pgp0gu2a71.png?width=190&format;=png&auto;=webp&s;=291613ffe317868863abc177bd1906de8d309e22

TL;DR

The algorithms are repeating every 90 days with a 16 day positive buildup. The overall daily trends are also repeating itself. Hold the line.

Thoughts

While each individual day share price is determined by the retail buying pressure, the overall trend is determined by the algorithms. The algorithms are so fucking influential that TA hasn't matter this entire time no matter what the indicators. I think the algorithm looks something like this

https://preview.redd.it/5j4cd2qeu2a71.png?width=1208&format;=png&auto;=webp&s;=7b1d10faea416865 5bc7b1daaba8ad1a1a6baea3

Edit 1: fixed some typos

Edit 2:

Holy shit! I didn't even know RC posted this. It even shows the same oscillations! Observational bias confirmed.

https://preview.redd.it/7o6x7y9ir4a71.png?width=950&format;=png&auto;=webp&s;=81c830a2619f38464 67a68e929f376ca8256e49b

If we continue this \~$25 or $30 increase, we'll soon have a $210 resistance. The following oscillation ($240) would cause the resistance to become the max and then moon. Just like in RC's [tweet](https://twitter.com/ryancohen/status/1413223954387406851?s=20).

https://preview.redd.it/zkeyoh7jr4a71.png?width=710&format;=png&auto;=webp&s;=5ff120344df236befe1 4c099c64cb406a013606c

These are just examples of the data of what I think are around the max and mins. They are not meant to be taken for exactness.

[GME Data](https://finance.yahoo.com/quote/GME/history?p=GME)

[Tweet](https://twitter.com/pwnwtfbbq/status/1413288402955358210?s=20)

Edit 3: Explanation of population and within population

Let's say you own 3 banana farms.

Population to Population

1. Farm A, B, and C all have the shape (timeframe)
2. Farm A is bigger than farm B and C (min / max share price)

Within Population

1. Looking within Farm A and B, we can also see they have their banana plants looking exactly the same. (same sized ratio of candlesticks / similar behaviors)
2. Farm C was all done fucked up.

https://preview.redd.it/qfyah058l8a71.png?width=844&format;=png&auto;=webp&s;=95569d3f92a0c7780 4074b3c94ac403ac27f4519

While the dates are interesting that they occur at the same intervals (Farm A and Farm B), what's also interesting is that their candlestick and ratio of size are the same (Like Farm A and B but not C). This is

effectively showing not only the improbability of having a repeat of a timeframe but the HIGHLY improbability of the candlesticks have similar overlays as shown above. While many have stated it's solely comparing 2 dates, it's not. We selected the two dates and within them, compared the population.

Edit 4: Today's data

[Fucking lol](https://preview.redd.it/wuxla94ax8a71.png?width=953&format;=png&auto;=webp&s;=1623ba 2c85b348eaf732cfd82066882e645719e2)

None of this is financial advice.