

The Effect of COVID-19 Vaccinating Health Professionals Prior to Patients

JACOB H, LAUREN H, ETHAN R, DAVID W*

Abstract

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I. INTRODUCTION

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II. METHODS

I. Model Methods

General process of how the guys created the model. What they chose as parameters, why they chose specific set-up/ structure etc.

- software used
- Thought process, planning
- architecture of model chosen and why
- how/why parameters were chosen
- optimization methods
- 1-D model set up
- 2-D model set up

II. Data Analysis Methods

Process and methods used to gather and then analyze the data. How we ruled out factors, how we ruled in factors, process of elimination

*A thank you or further information

etc.

- Where is data from
- How we got it
- Pipeline analysis set-up
- types of plots generated
- Analysis after plots– how we determined "significance" in event analysis
- What constitutes ruling in a parameter; ruling out a parameter
- What constitutes a likely conclusion

III. RESULTS

I. Model Results

I.1 Jake's Model Results

I.2 Ethan's Model Results

II. Data Analysis Results

III. Nursing Home Statistics

1. Histogram w/ scatterplot
2. Pie Chart?
3. Graph chart for comparison?

IV. DISCUSSION

I. Model Discussion

1. Jake's model

2. Ethan's model

II. Event Analysis Discussion

The effectiveness of vaccinating the population against COVID-19 is undeniably positive, and is apparent through the decline in the presence of COVID-19 within the nursing home setting at the National, State, and County level.

1. Nationwide has declined
2. California & Texas have declined; Florida residents remain constant– weird.
3. by the time 80-90% of first dose has been delivered, everyone is at low levels for COVID-19 in nursing home
4. health professionals are vectors
5. vaccinating health professionals first, and earlier saves lives faster
- 6.

REFERENCES

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