

**SAT** update,  
is it *welcomed*?

## **PROBLEM** *statement*

With the change in format for the SAT in 2016, the participation rates across the states have changed in varying levels as well.

This project is directed towards states where Ivy League schools are located in and identify if this new format has a positive effect on their participation rates.

# YEAR-ON-YEAR *analysis breakdown*

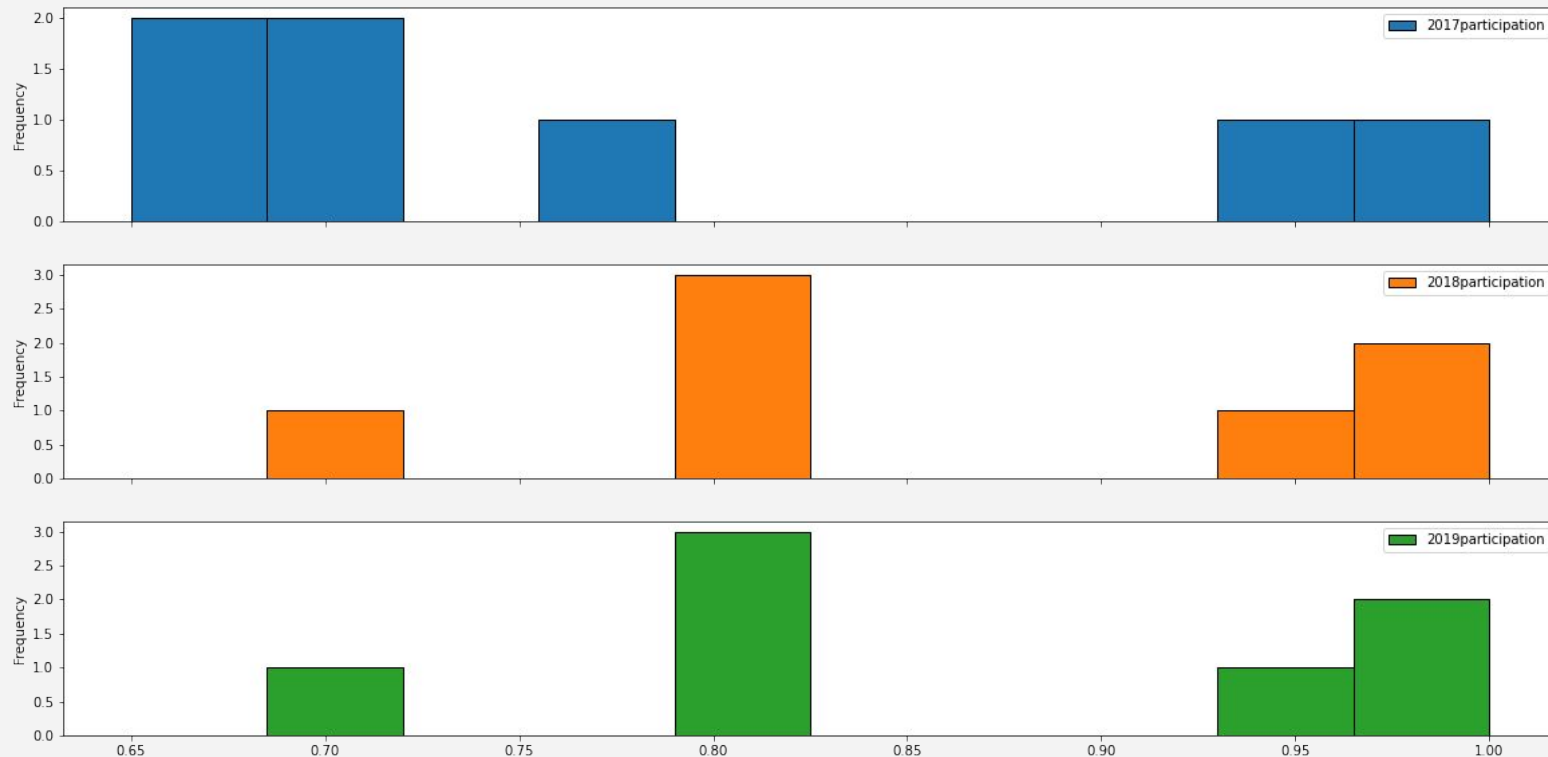
	2017participation	2018participation	2019participation
count	51.000000	51.000000	51.000000
mean	0.398039	0.457451	0.490588
std	0.352766	0.373143	0.387476
min	0.020000	0.020000	0.020000
25%	0.040000	0.045000	0.055000
50%	0.380000	0.520000	0.540000
75%	0.660000	0.775000	0.820000
max	1.000000	1.000000	1.000000

DATA ACROSS 51 STATES

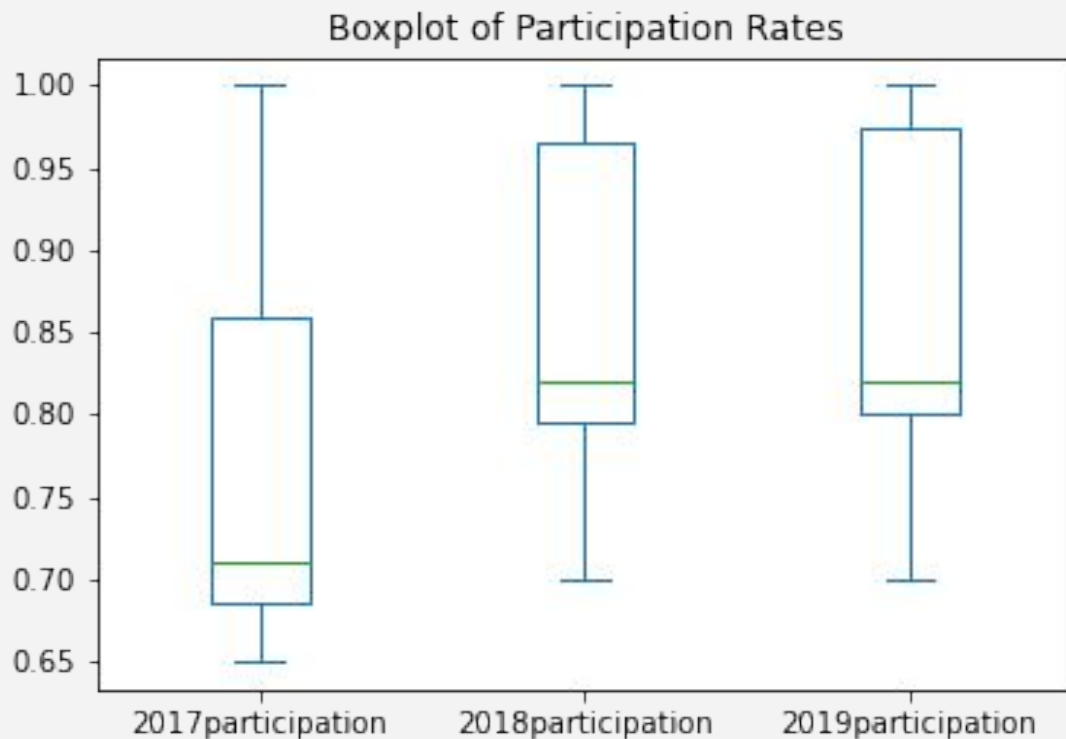
state	2017participation	2018participation	2019participation
Connecticut	1.00	1.00	1.00
New Hampshire	0.96	0.96	0.95
Massachusetts	0.76	0.80	0.81
Rhode Island	0.71	0.97	1.00
New Jersey	0.70	0.82	0.82
New York	0.67	0.79	0.79
Pennsylvania	0.65	0.70	0.70

IVY LEAGUE STATES

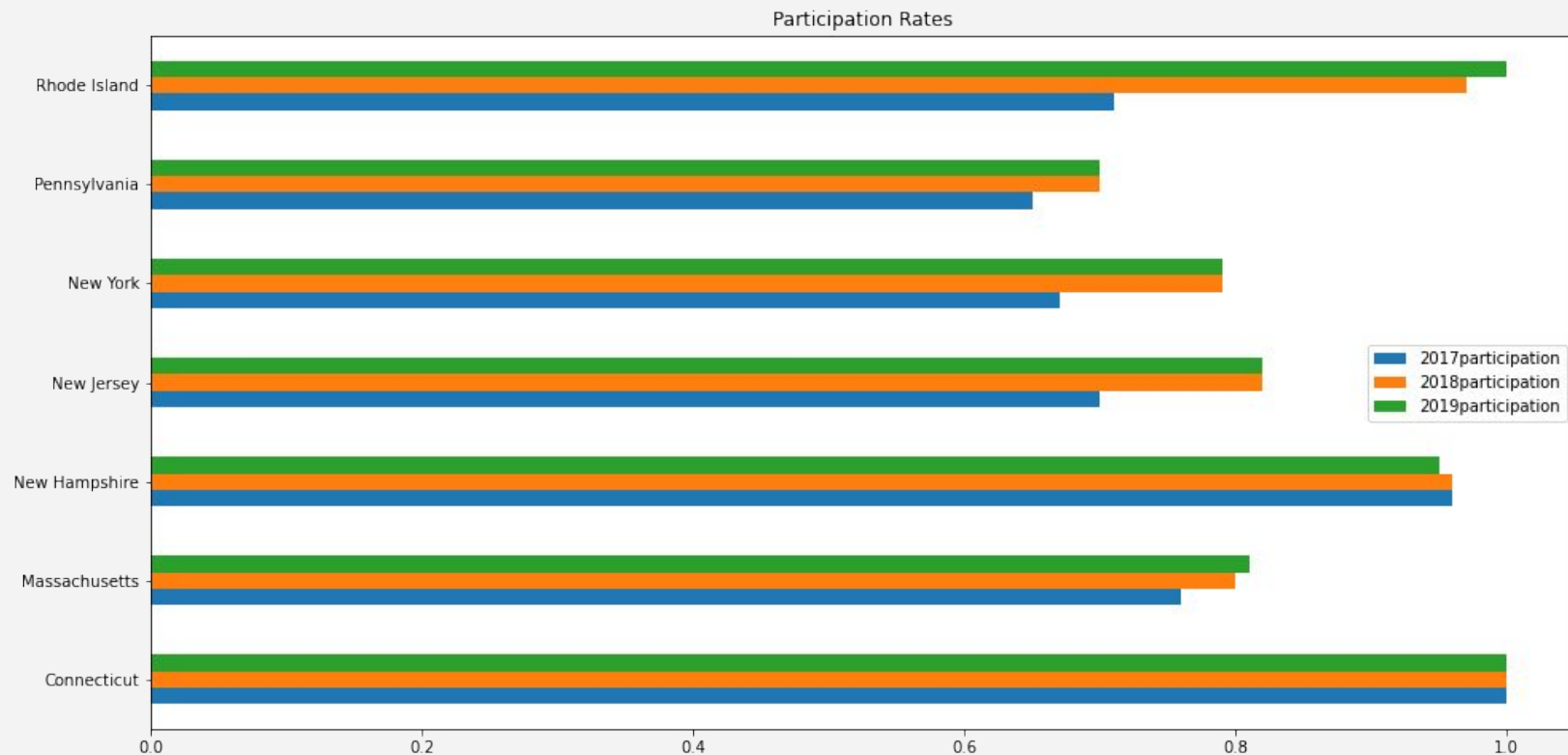
## YEAR-ON-YEAR *analysis breakdown*



## YEAR-ON-YEAR *analysis breakdown*



## YEAR-ON-YEAR *analysis breakdown*



## YEAR-ON-YEAR *analysis breakdown*



**SAT** update,  
is it *welcomed*?

**FINAL** *conclusion*



**SAT** update,  
is it *welcomed*?

**YES, *it is!***

**Positive effect on average participation rates**

- SAT were made mandatory in certain states
- Connecticut
- Rhode Island
- Majority of states saw increased participation rates

# **NEXT** *steps*

## **Data from 2022**

- post-COVID
- Societies return to normalcy
- 2020 & 2021 would not draw fair analysis

## **New Hampshire**

- Why did it return opposite results
- Lead to identifying needs or changes with the SAT
- If problem is consistent with other states not within Ivy League

**THANK YOU**

end.