

Project 1: Overview of participation rates in SAT and ACT in 2017-2019 per state



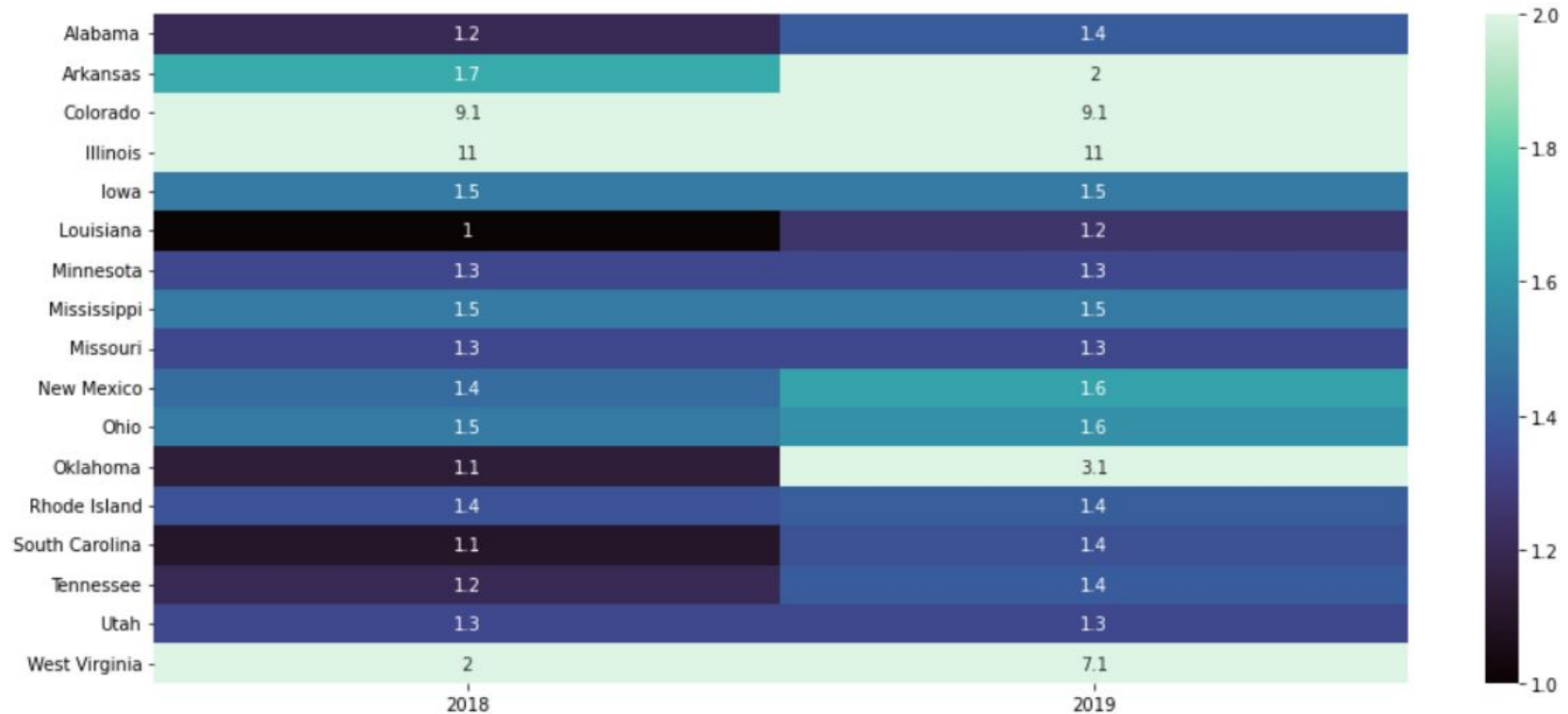
By Evgeny Didenko



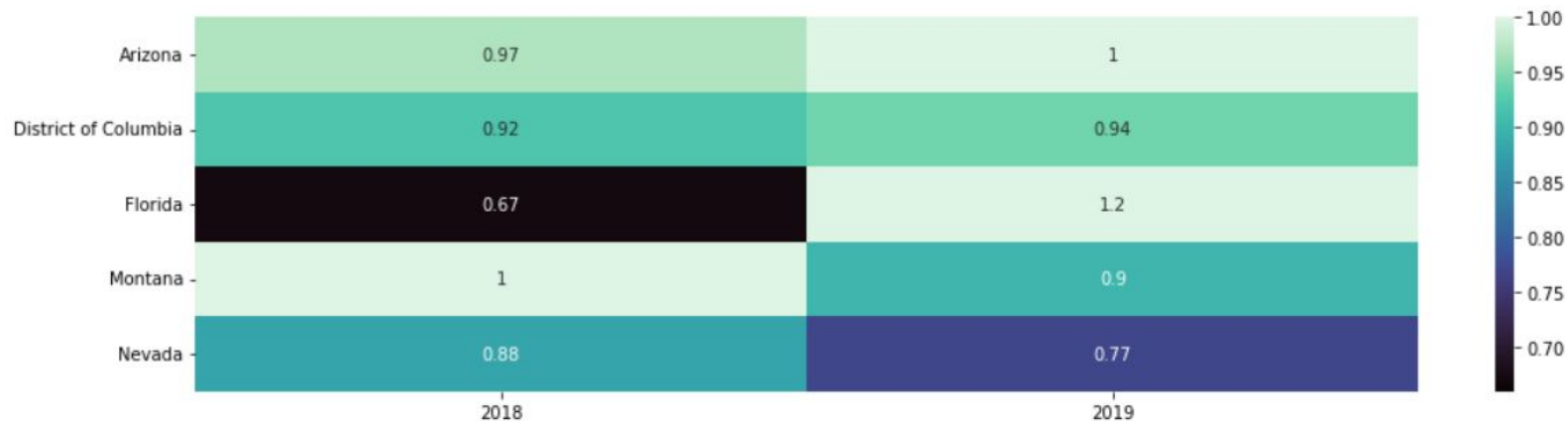
Overview

The SAT and ACT are standardized tests that many colleges and universities in the United States require for their admissions process. This score is used along with other materials such as grade point average (GPA) and essay responses to determine whether or not a potential student will be accepted to the university.

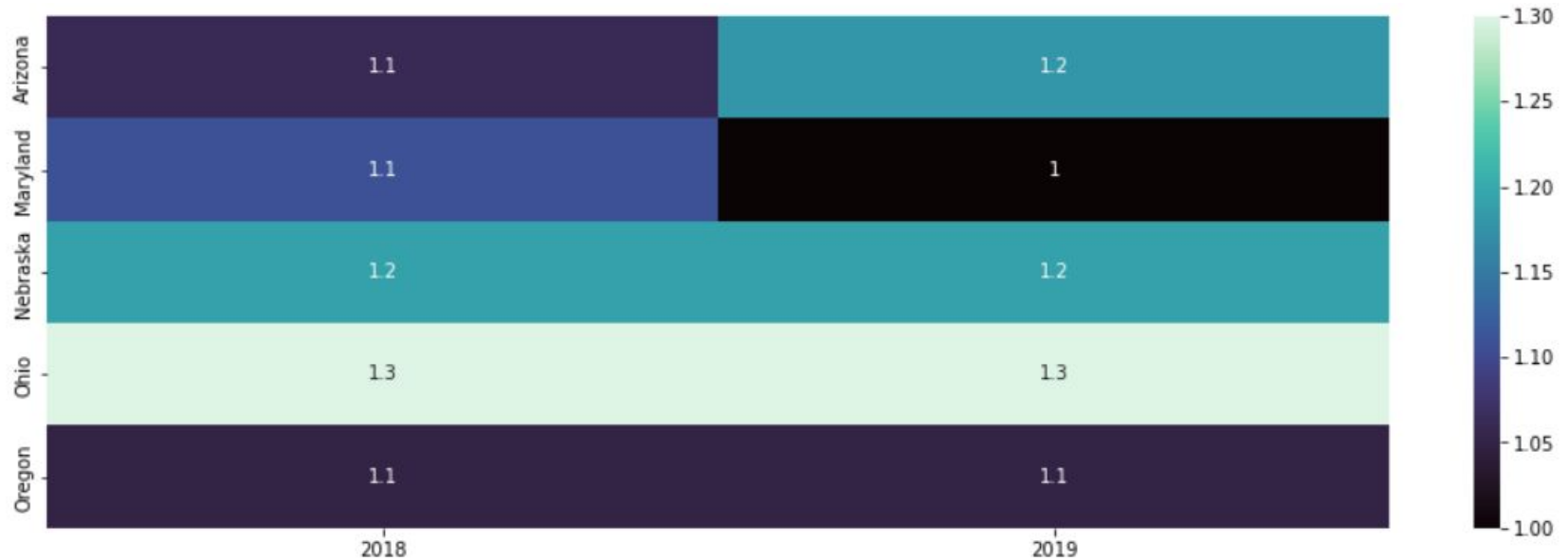
List of states where SAT participation in 2018-2019 increased by more than 20% compared to 2017.



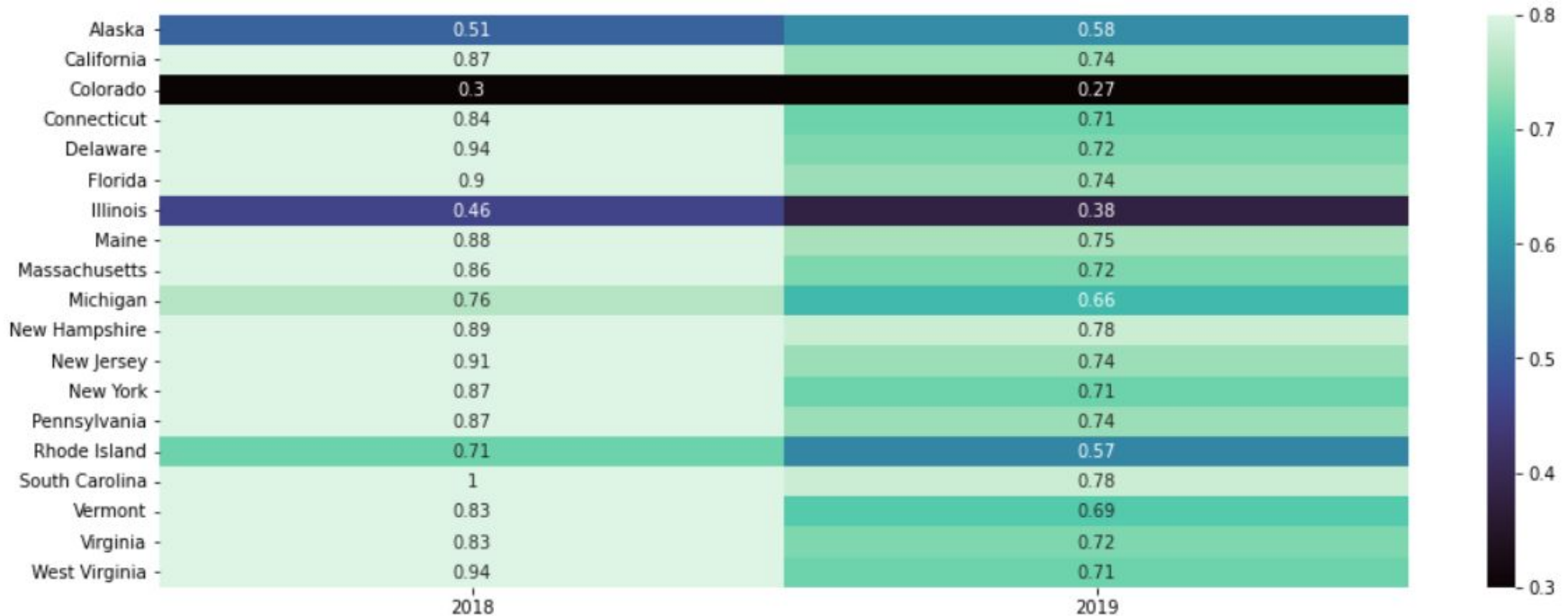
List of states where SAT participation in 2018-2019 decreased by 3% or more.



List of states where ACT participation in 2018-2019 increased by 5% or more.



List of states where ACT participation in 2018-2019 decreased by more than 20%.



States where nothing happens.

Georgia

Indiana

North Carolina

Texas

Wyoming

Hawaii

Kansas

North Dakota

Washington

Idaho

Kentucky

South Dakota

Wisconsin

Slightly interesting bits

ACT is significantly more popular. 13 states maintained 100% ACT participation for all 3 years. However now it is decreasing; in 2017 17 states had 100 participation and in 2019 only 15 states did the same.

Among the lowest 10 SAT participation states, 8 were in top 20 ACT participation (cutoff being around 90%). Exceptions are Iowa and South Dakota with roughly 67% and 77% ACT respectively. None of the bottom 10 SAT seemed to have any interest in improving, they remained under 4% SAT for all 3 years.

SAT top is slowly expanding, although only 3 states maintained 100% participation for 3 years, the number of 100% states went from 4 in 2017 to 8 in 2019. Top 10 cutoff increased from 71% in 2017 to 99% in 2019.