



West Coast v. East Coast in SAT Math and SAT EBRW

Comparing the SAT Math and SAT Evidence-Based Reading and Writing (EBRW) scores between the East and West Coast

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Problem Statement

How do West Coast students compare to the East Coast in SAT Math?

How do East Coast students compare to the West Coast in SAT EBRW? Wall Street?

Does living on one side give you an advantage in one subject of study?

States in Question:

West Coast

California

Oregon

Washington

East Coast

New York

Maryland

Massachusetts



East and West Coast Scores: Math

	2017	2018	2019
East	533	544	539
West	535	542	539

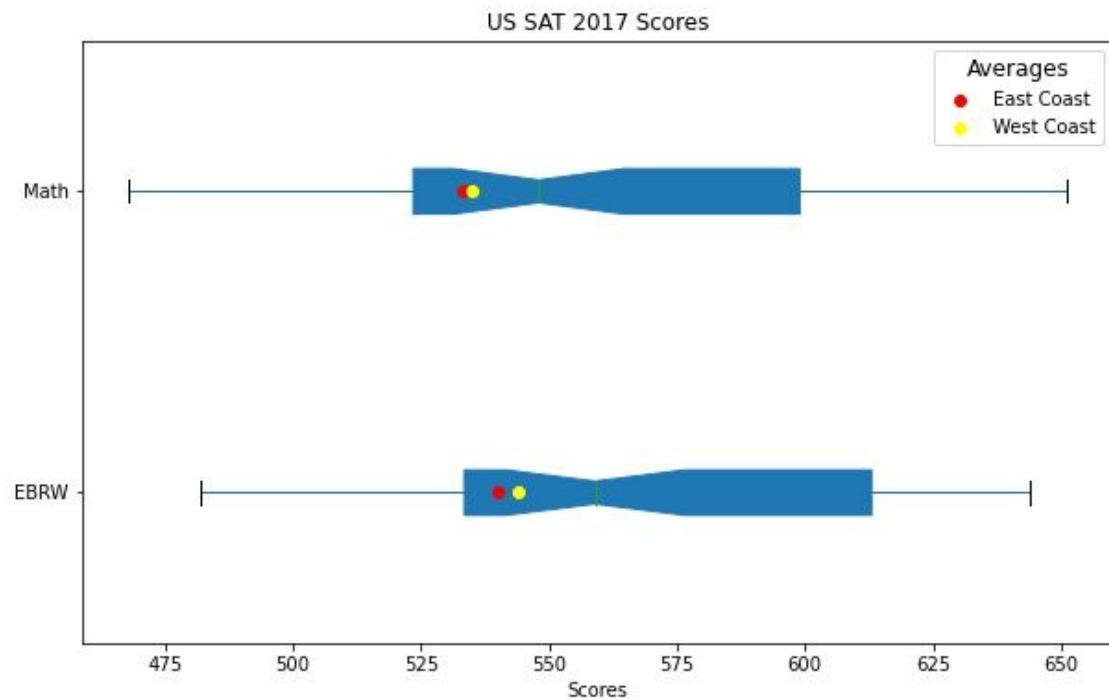
(2017). SAT 2017[sat_2017.csv]. (2018). SAT 2018[sat_2018.csv]. (2019). SAT 2019[sat_2019.csv].



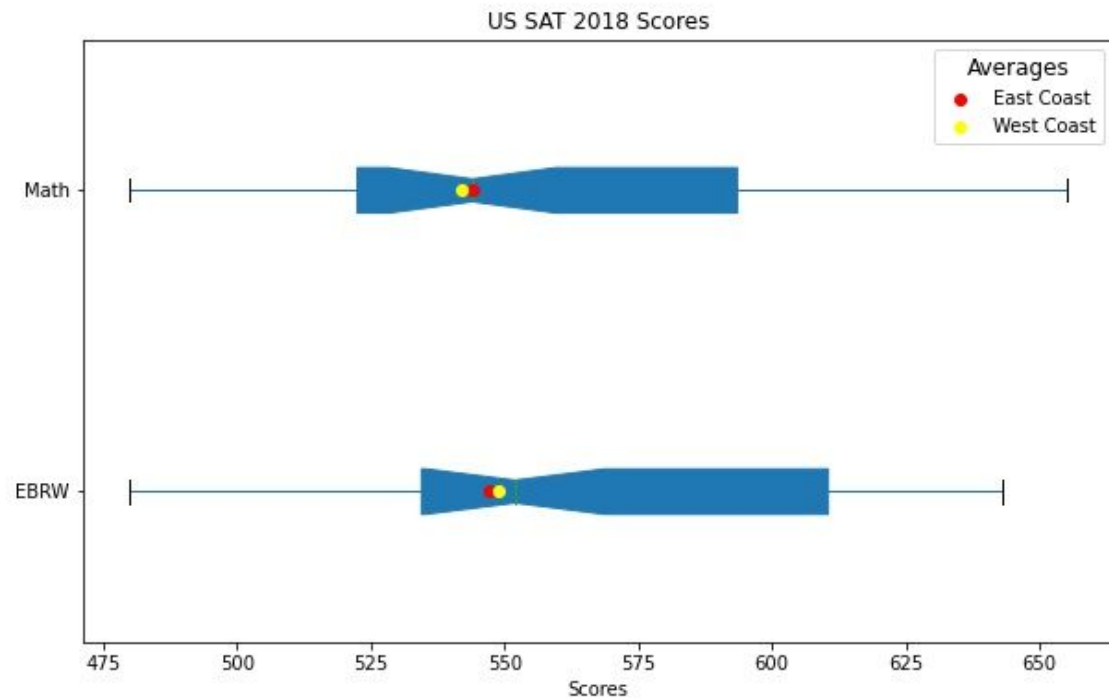
East and West Coast: EBRW

	2017	2018	2019
East	540	547	542
West	544	549	545

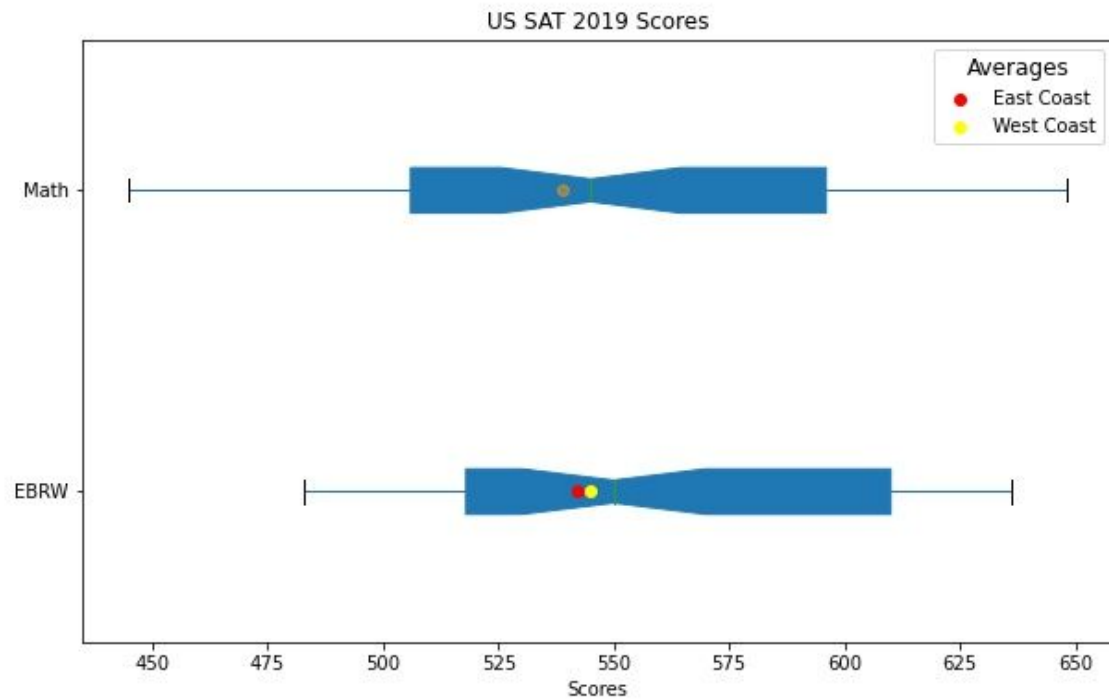
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(2018).SAT 2018[sat_2018.csv].



(2019).SAT 2019[sat_2019.csv].



Conclusion

Surprisingly both East and West Coast schools fall short of the national average for having so many successful alumni residing in these states.

The box plots and tables clearly show that both coasts' average scores are pretty close in value.

Both coasts' looks like they have similar qualities of education as a whole based off of the SAT score data.