



# ACT vs. SAT: Which test should you take?

DSI Project1 :  
SAT & ACT Standardized Test Analysis  
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# ACT

VS

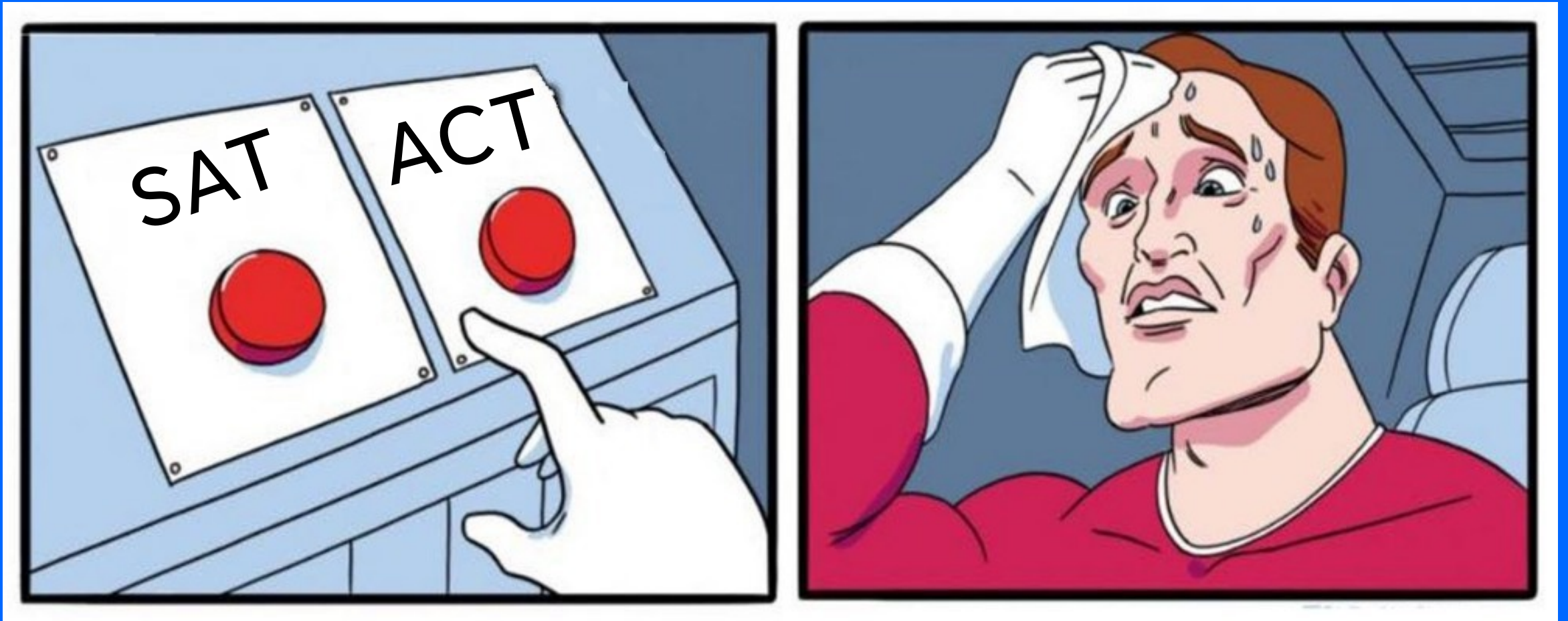
# SAT

Which test is right for you?

## Problem Statement

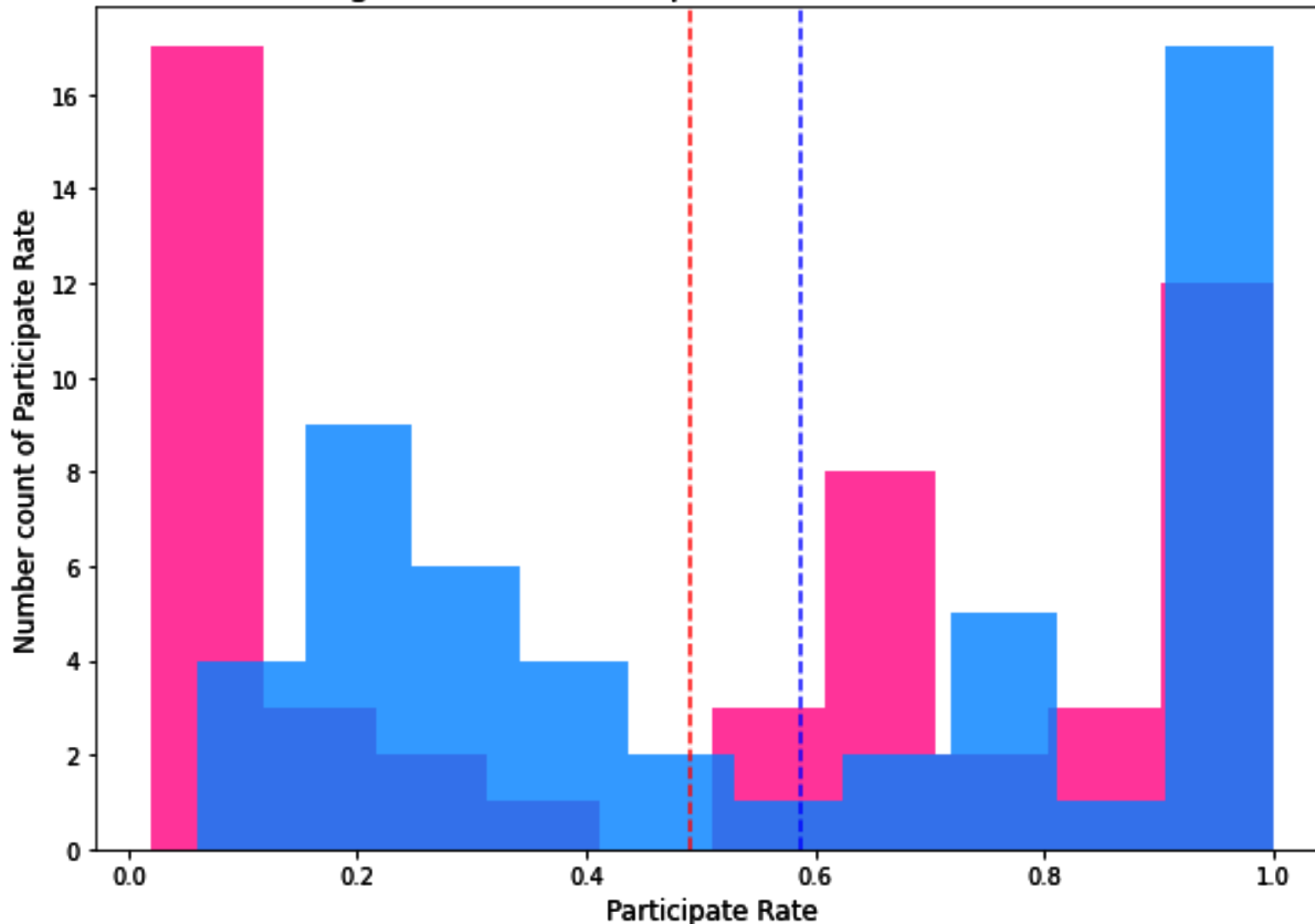
- Should you take the SAT or ACT?
- Tests equally, is that really the case?

The advisor studied SAT and ACT score requirements and predicted the relationship between university accept rate and test scores.

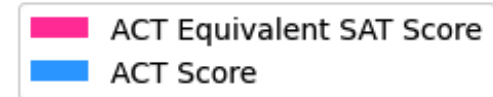


# Participated of SAT and ACT Test in 2019

Histograms Chart Participate Rate of SAT & ACT Score

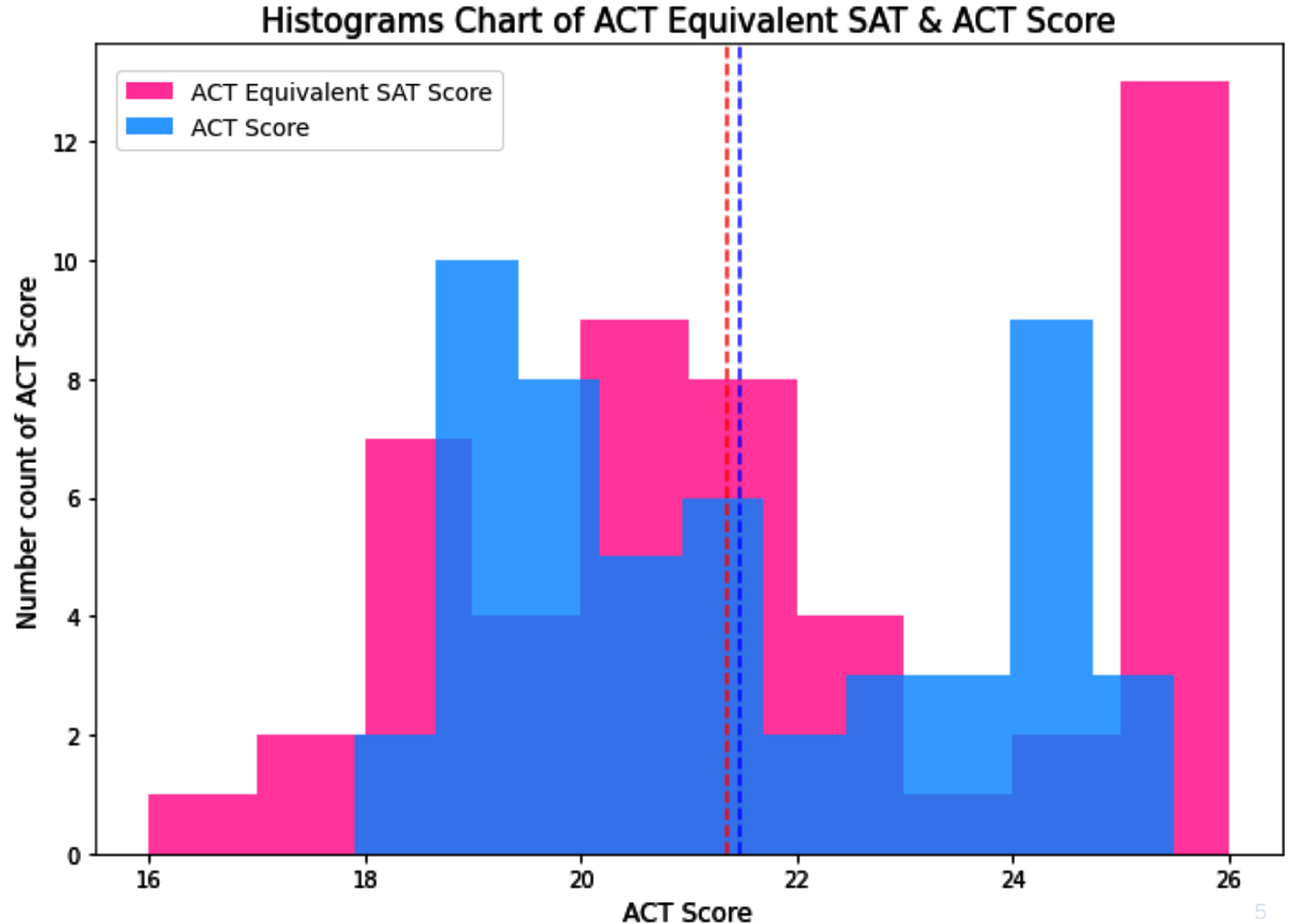


- **100 % Participation rates:**
  - SAT 8 state
  - ACT 15 state
- **Average Participation rates**
  - SAT 49.05%
  - ACT 58.67%

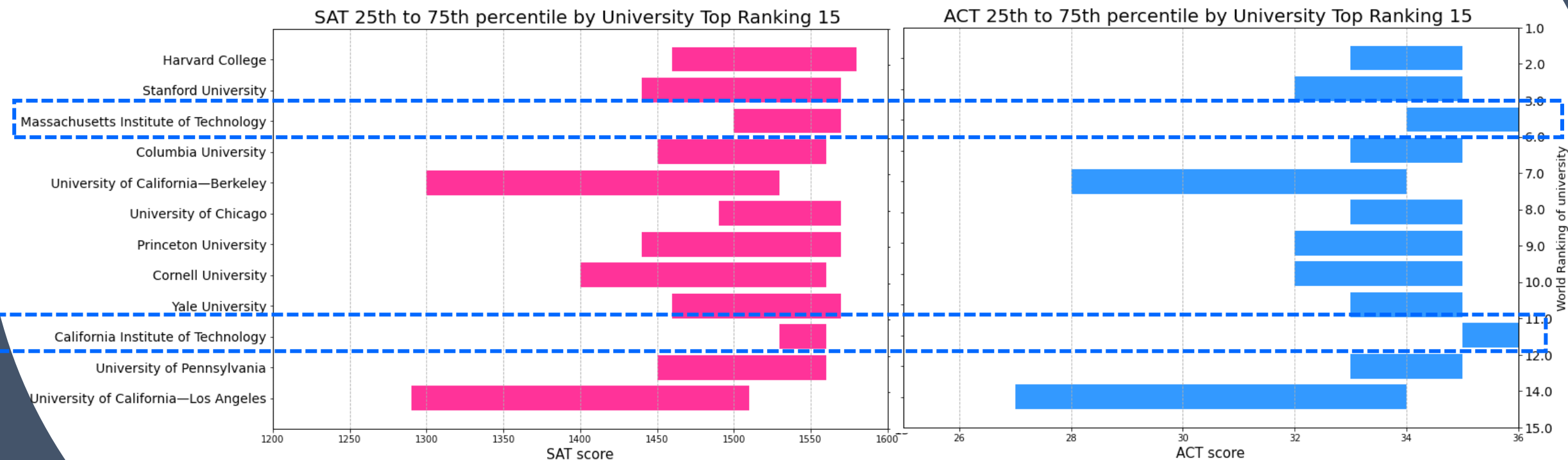


# SAT and ACT Scores Test in 2019

- **Distribution:**
  - SAT Disperse
  - ACT Quite compact
- **SD :**
  - SAT 2.89%
  - ACT 2.19%
- **Average :**
  - SAT 21.35
  - ACT 21.46



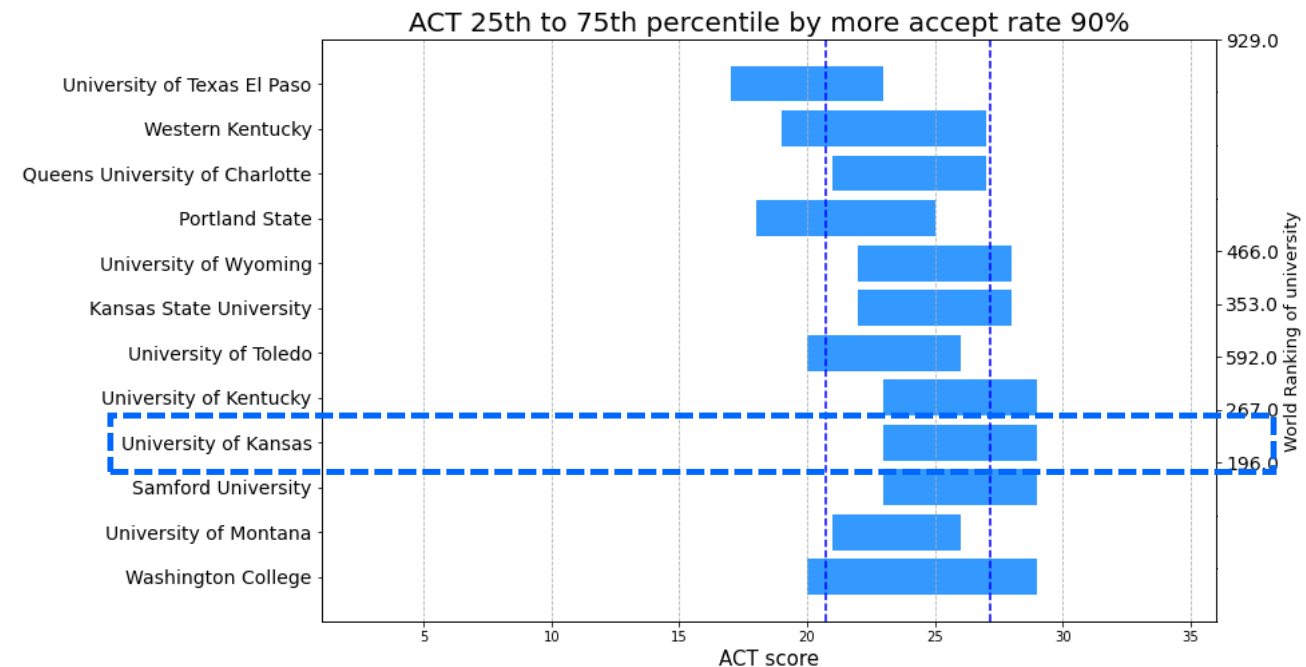
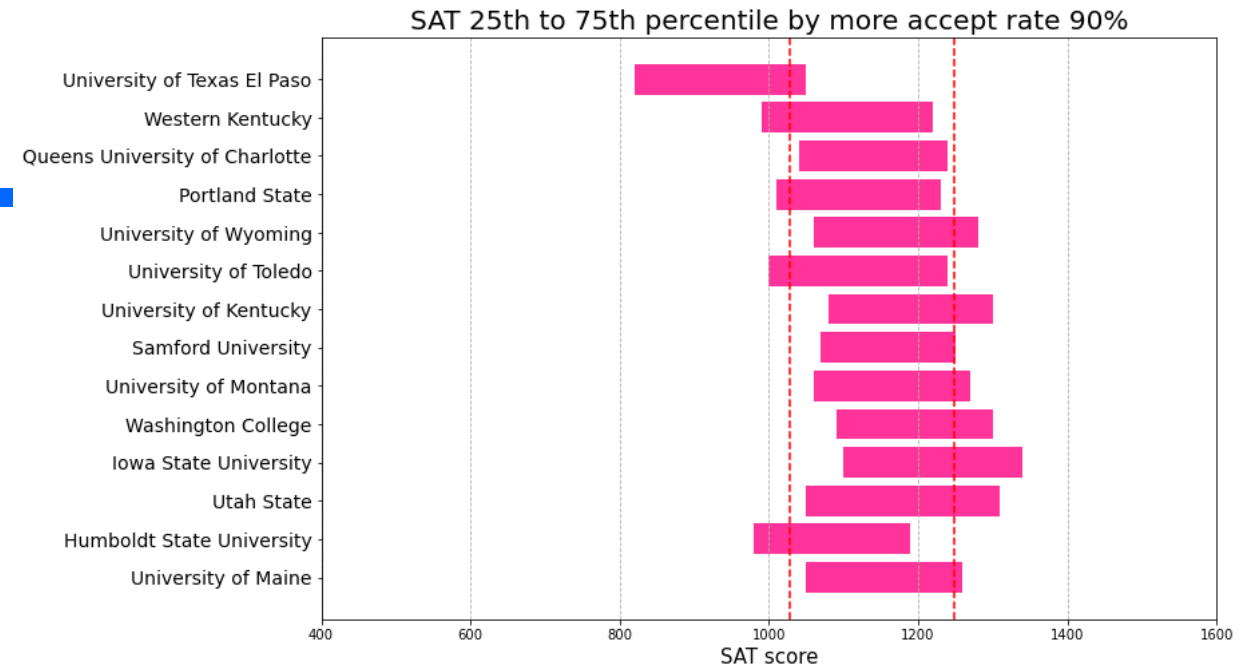
# World Top Ranking University Vs 25-75<sup>th</sup> of SAT & ACT Score



15 #Top Ranking require  
**high score of ACT** test comparing to SAT test

# 25-75<sup>th</sup> of SAT & ACT Score and Accept Rate 90%

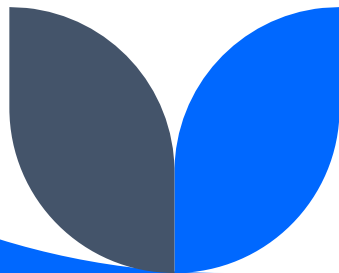
- **ACT good university :**
  - Kansas(#196),
  - University of Kentucky(#267)
  - Kansas State University(#353)
- **ACT rather than Max Score**
- **SAT compact**



# Summary

## INSIGHT

- ACT test suitable a good university
- Not concerned, choose SAT score(less score)
- ACT score more popular and compact







**Thank you**

Time for Question ?