

# Attachment 29

## Multiparameter Comparison of UGS Students with All UT Students

UGS Program Review  
Fall 2019



## **UGS VS. OTHER NON-UGS STUDENT COMPARISON**

**Objective:** Compare characteristics of UGS students to students enrolled in other colleges as a Freshman in Fall 2014.

### **Data Sources:**

*Fall 2014\_COLA Toolkit.csv*

- Students enrolled in UGS in Fall of 2014
- Filtered the data to students who started at 2014 as Freshman (based on the classification variable)

*Fall 2014 data for the Other colleges combined as Other*

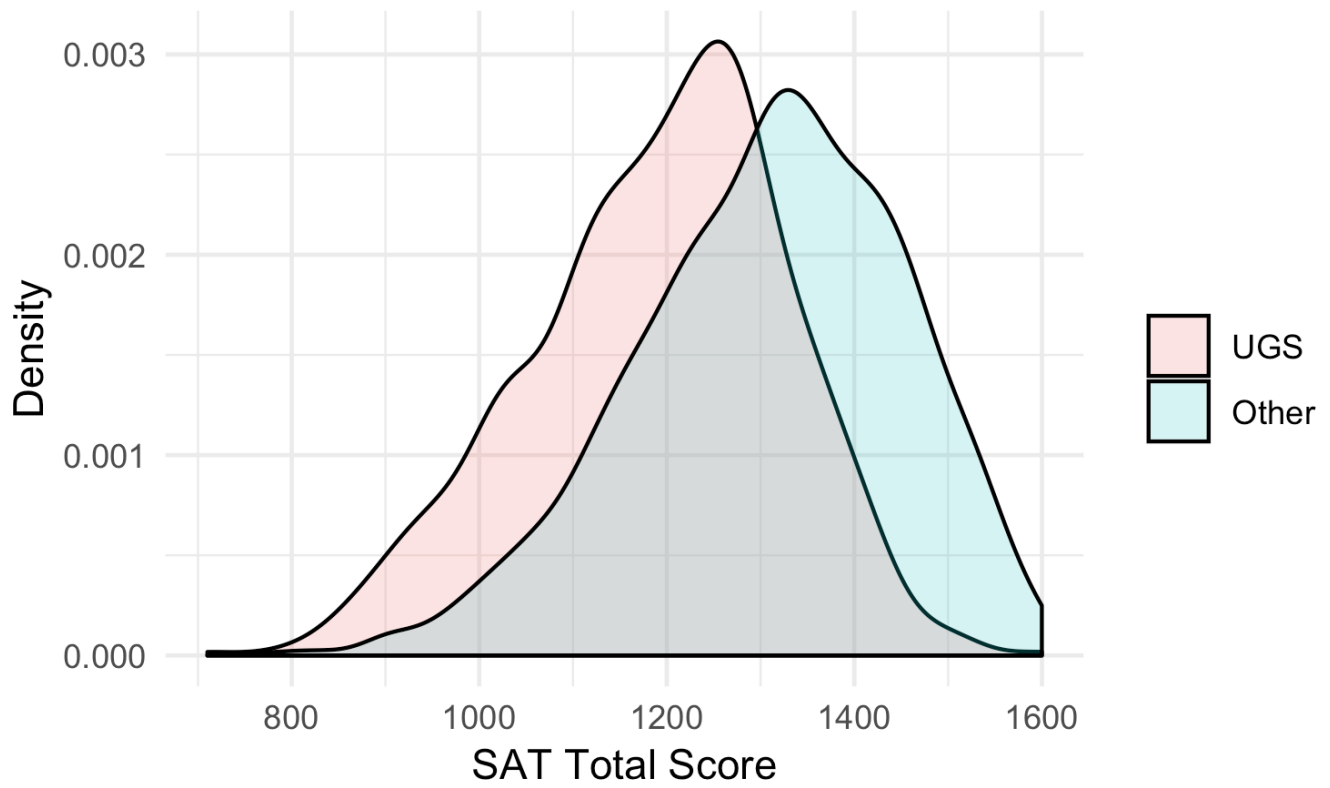
*DEGREES-registrar-sanger\_db-gte-20179.xlsx*

- Information on students who obtained a degree in 2017-18 year
- Matched this data to the previous dataset

### **Operational definition of graduating in four years:**

- If students had data in the degree dataset then they were indicated as “Got Degree”, if not they were categorized as “Did not get degree”
  - o Some had multiple records – graduated with multiple majors. I only kept one record for them.
- This definition does not account for students who may have graduated earlier

## SAT



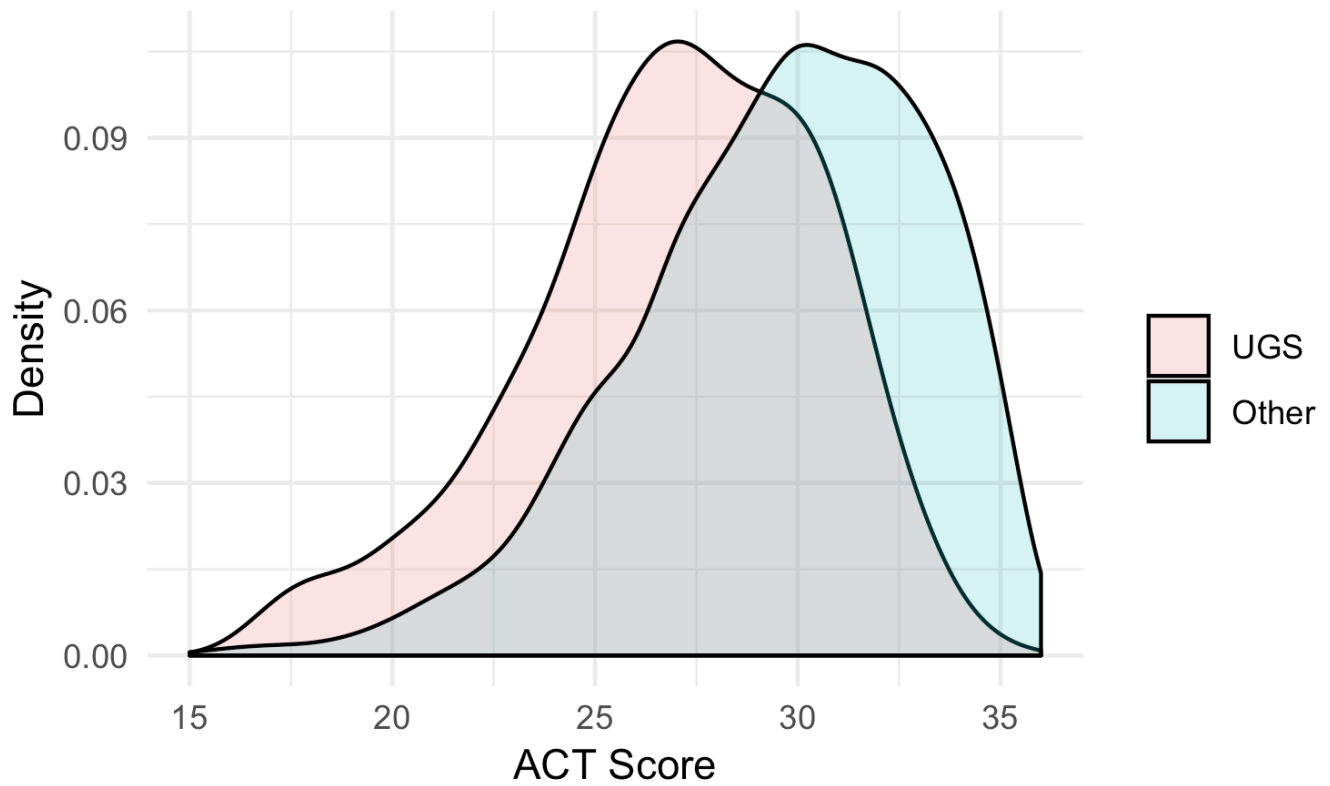
	<i>n</i>	<i>Mean SAT</i>	<i>SD SAT</i>
UGS	721	1189.65	137.08
Other	3098	1308.64	143.00

### *t*-test results:

$t(1114.3) = -20.821, p < .05$

Those enrolling in other colleges had significantly higher SAT scores than those enrolling in UGS.

## ACT



	<i>n</i>	<i>Mean ACT</i>	<i>SD ACT</i>
UGS	474	26.91	3.61
Other	2106	29.56	3.61

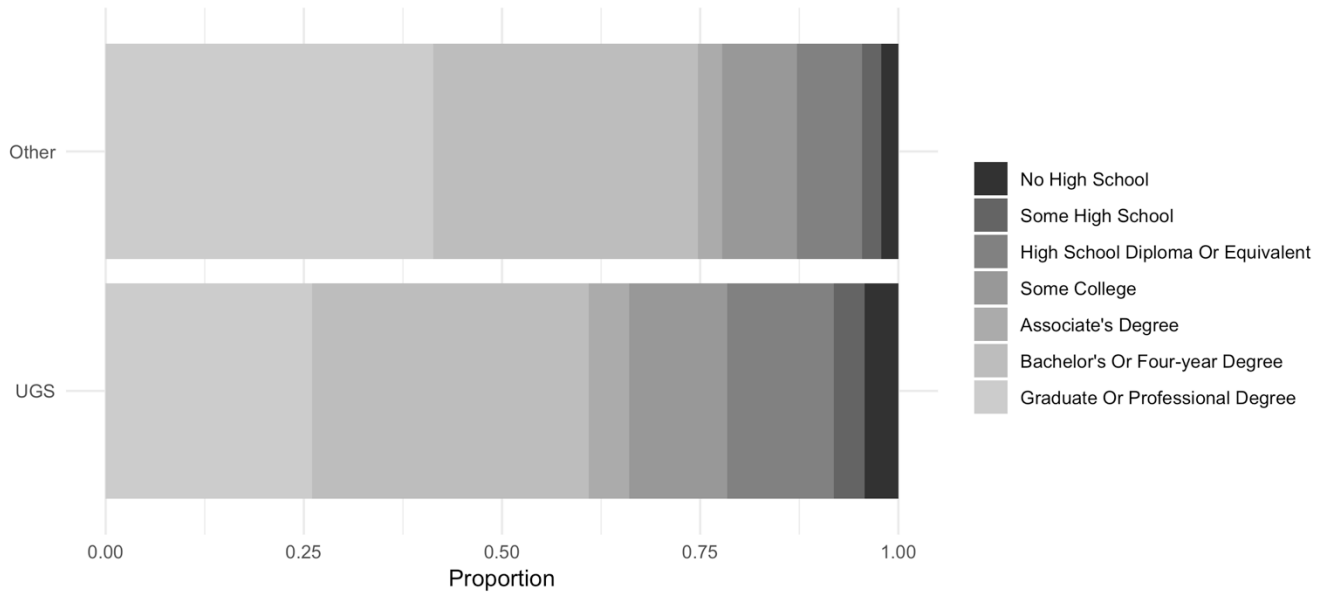
### ***t*-test results:**

$t(701.71) = -14.496, p < .05$

Those enrolling in other colleges had significantly higher ACT scores than those enrolling in UGS.

## FATHER'S EDUCATION

The number of students in Other campuses vs UGS is so different so following graph instead of the graph in the other report:

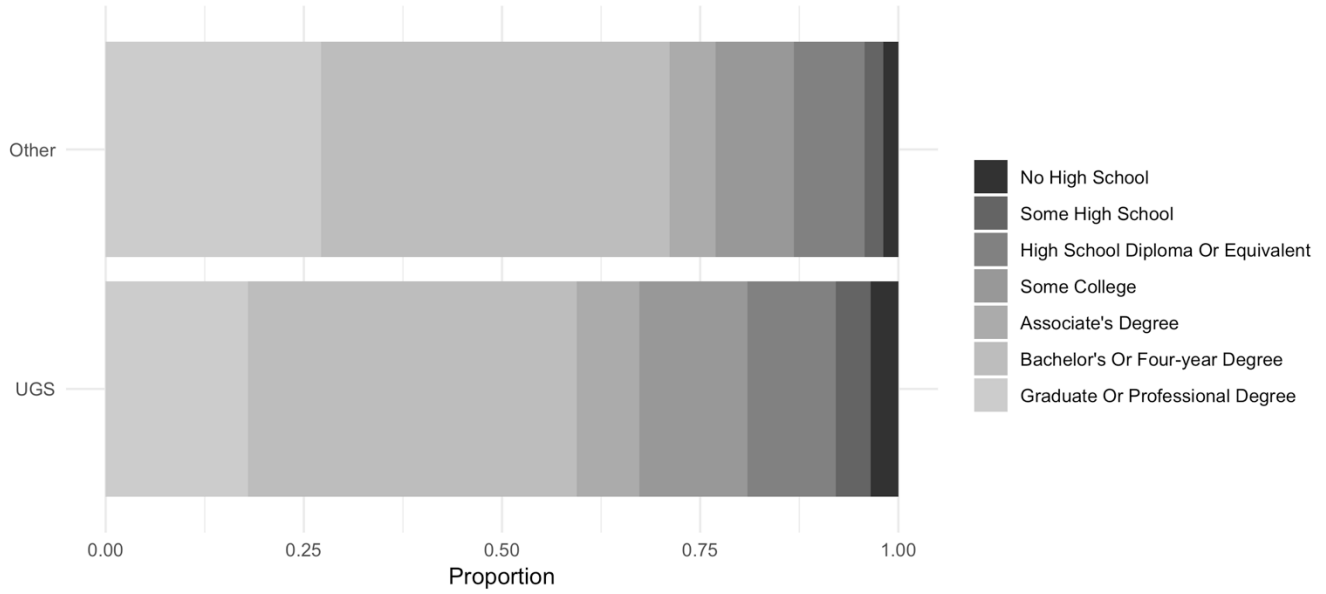


### Chi-Square test results:

$\chi^2 = 91.13, df = 6, p < .05$

Significant relationship between father's education level and enrolling in UGS vs other campuses. Higher proportion of students in other campuses had higher levels of father's education compared to those in UGS.

## MOTHER'S EDUCATION

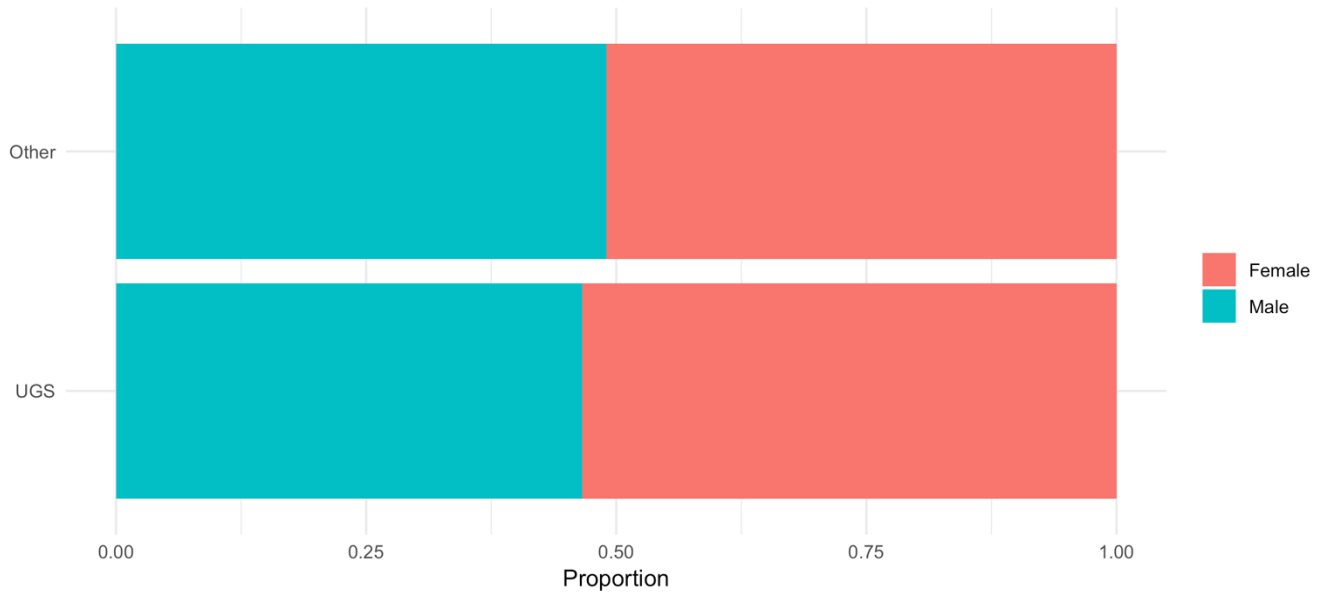


### Chi-Square test results:

$\chi^2 = 58.98, df = 6, p < .05$

Significant relationship between mother's education level and enrolling in UGS vs other campuses. Higher proportion of students in other campuses had higher levels of mother's education compared to those in UGS.

## SEX



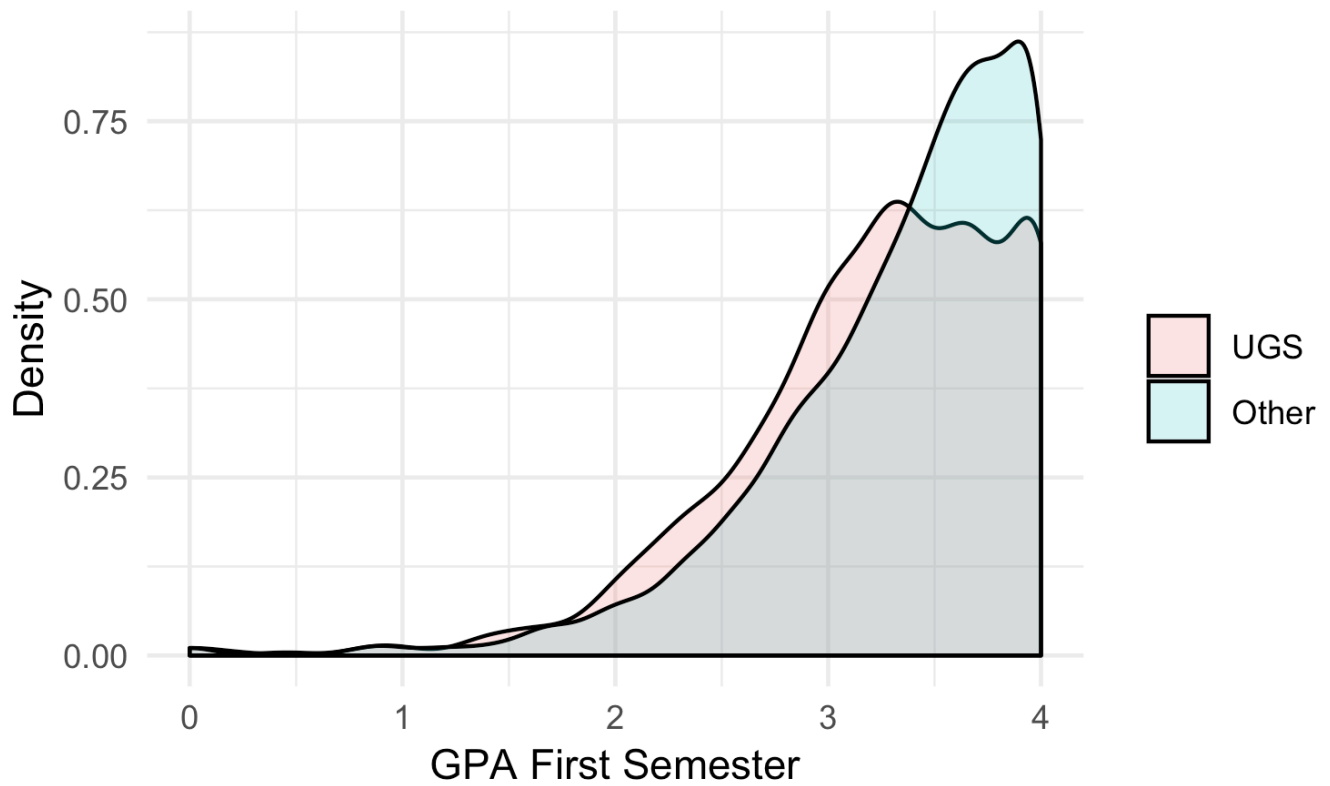
	<i>n Female</i>	<i>Proportion Female</i>
UGS	925	0.53
Other	3761	0.51

### Chi-Square test results:

*Chi-Square* = 1.63, *df* = 1, *p* = .20

No difference between UGS and Other campuses in terms of gender.

***GPA AT THE END OF THEIR FIRST SEMESTER ENROLLED (FALL 2014)***



	<i>n</i>	<i>Mean GPA</i>
UGS	925	3.22
Other	3761	3.33

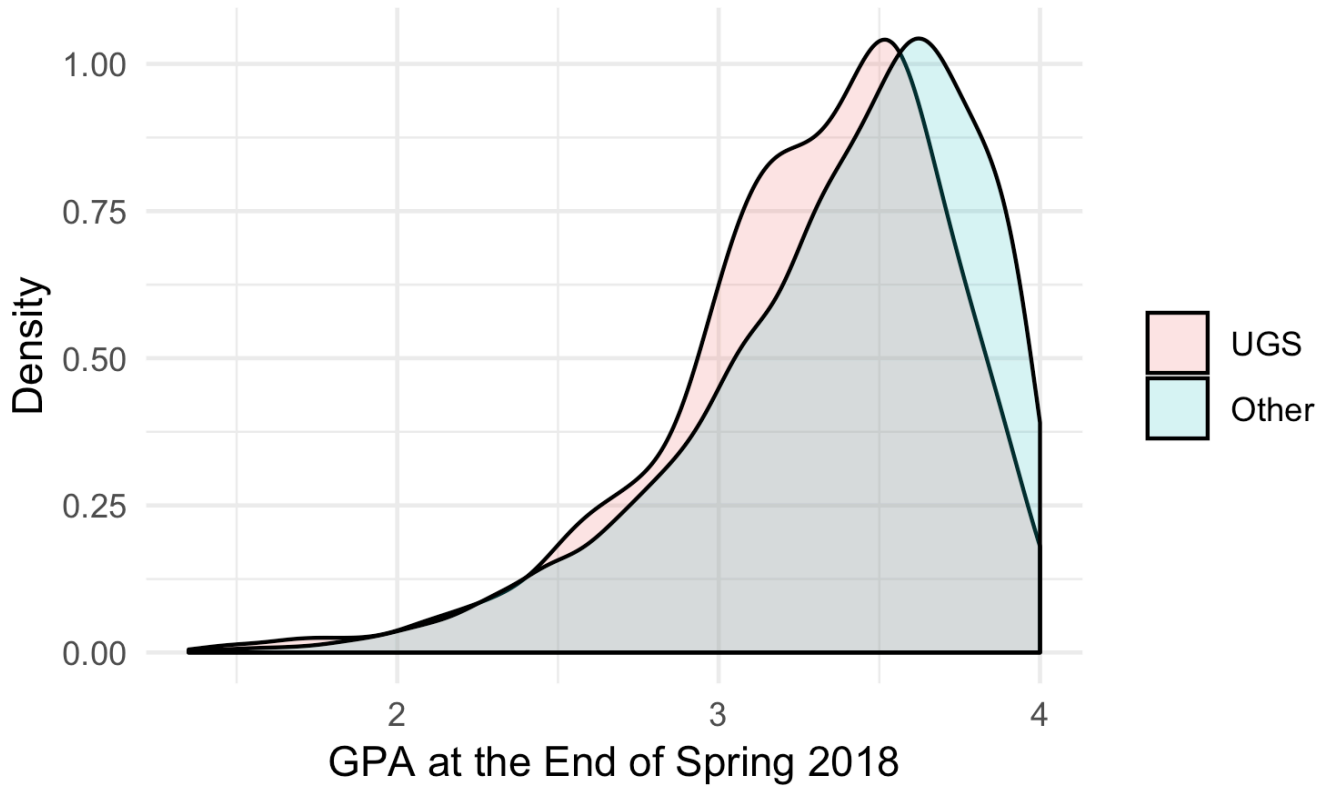
***t-test results:***

$t(1365.1) = -4.63, p < .05$

Those in Other campuses had significantly higher first semester GPA than those in UGS.



***GPA AT THE END OF SPRING 2018***



	<i>n</i>	<i>Mean GPA</i>
UGS	684	3.27
Other	2980	3.37

***t-test results:***

$t(1042.4) = -5.29, p < .05$

Those in Other campuses had significantly higher GPA at the end of Spring 2018 than those in UGS.