

Chronicle First-Year Survey: ED vs. RD

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Data

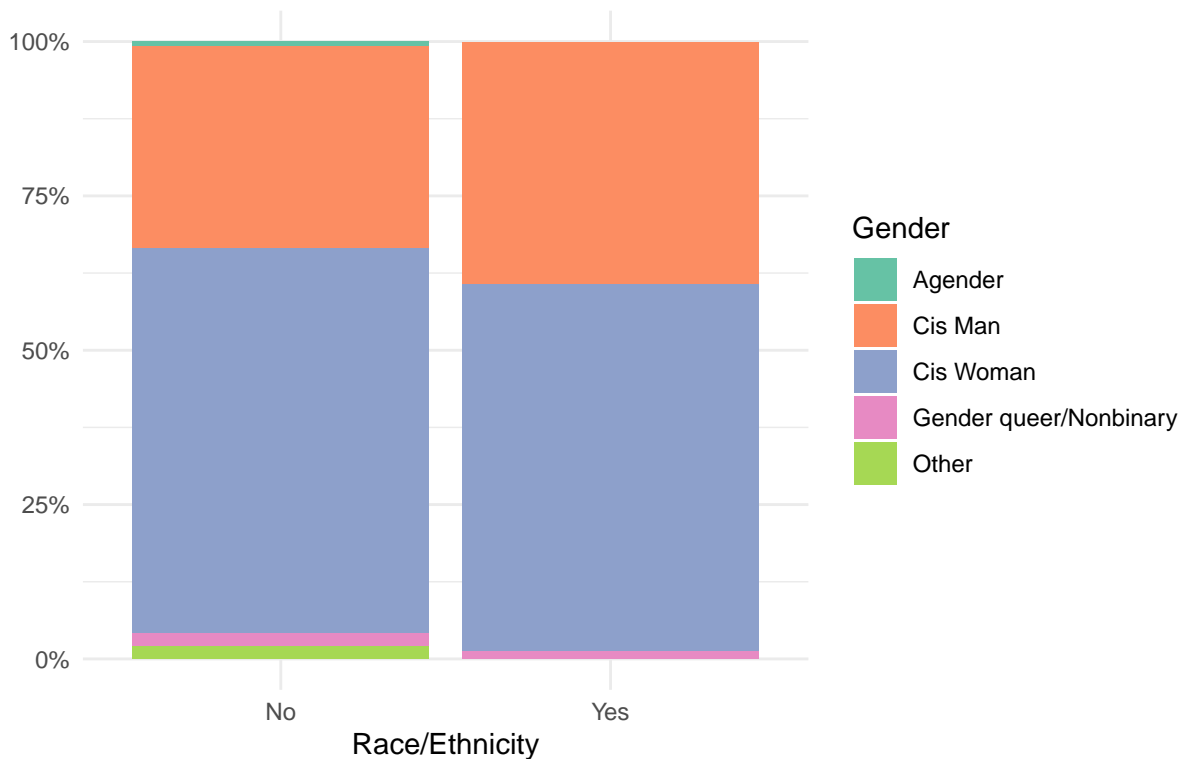
EDA

Overall ED

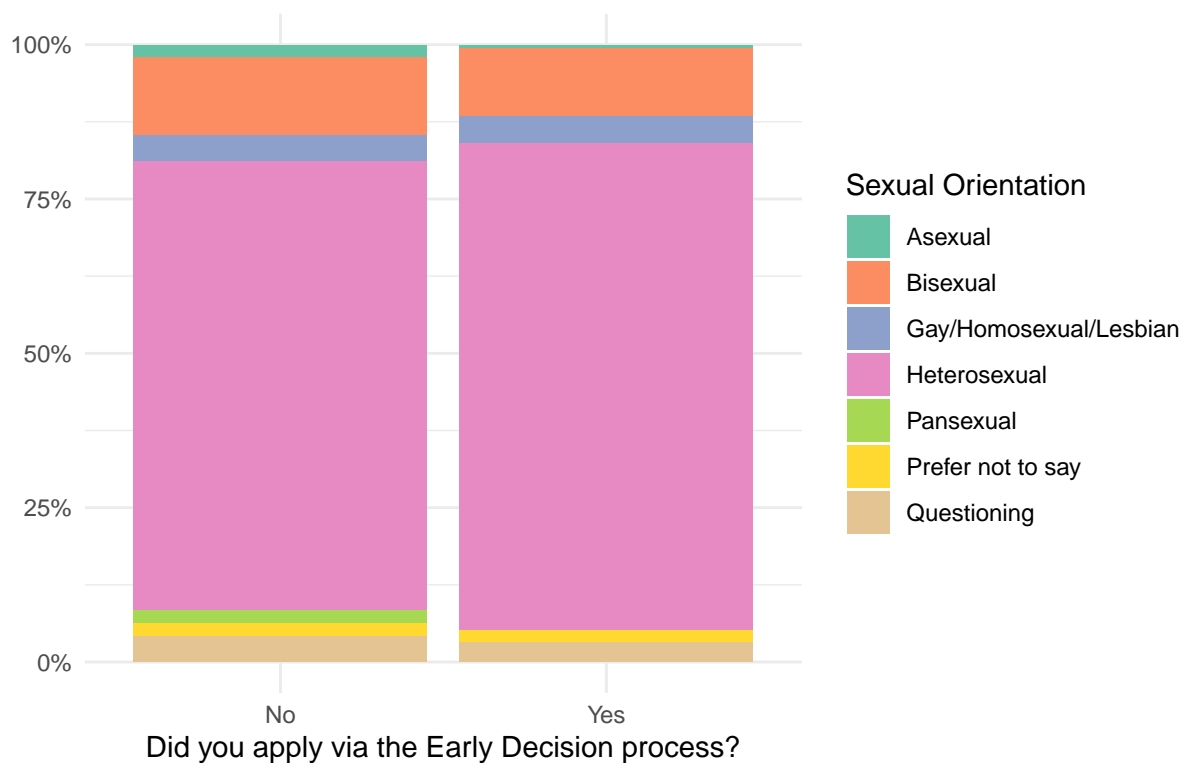
ED	n	prop
No	143	0.4782609
Yes	156	0.5217391

Gender and Sexual Orientation

Gender identities are spread more evenly among regular decision applicants



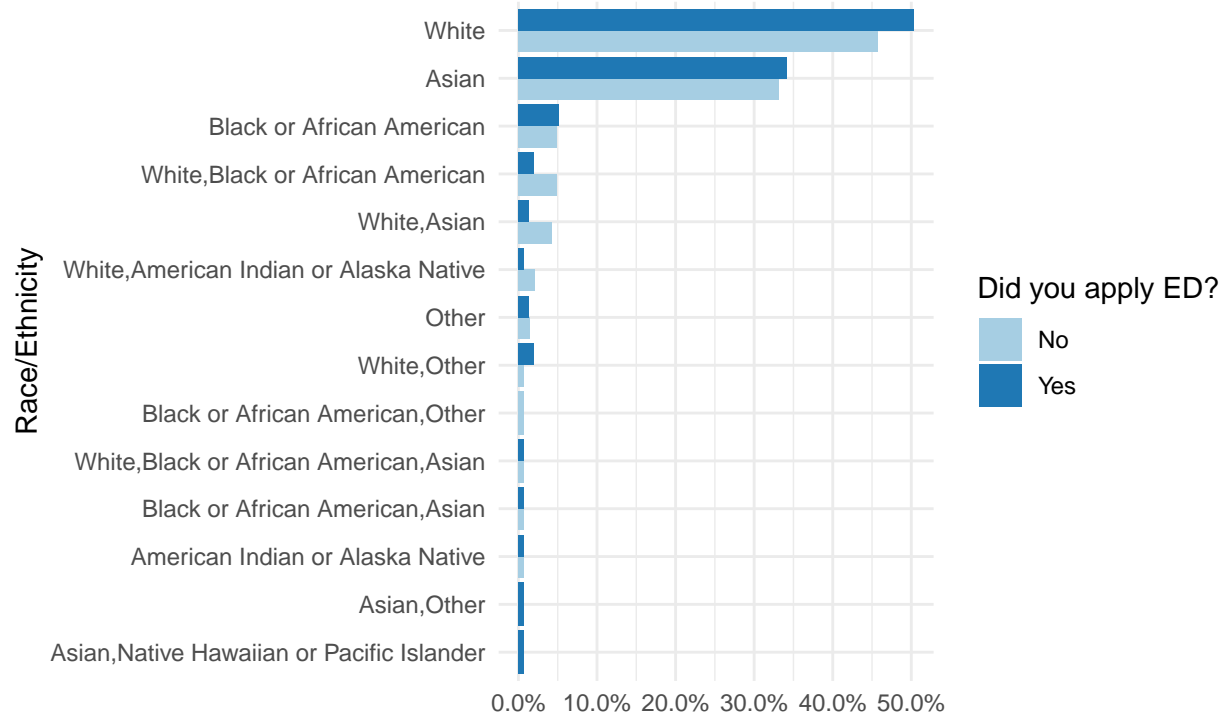
Sexual orientations are spread more evenly among regular decision applicants



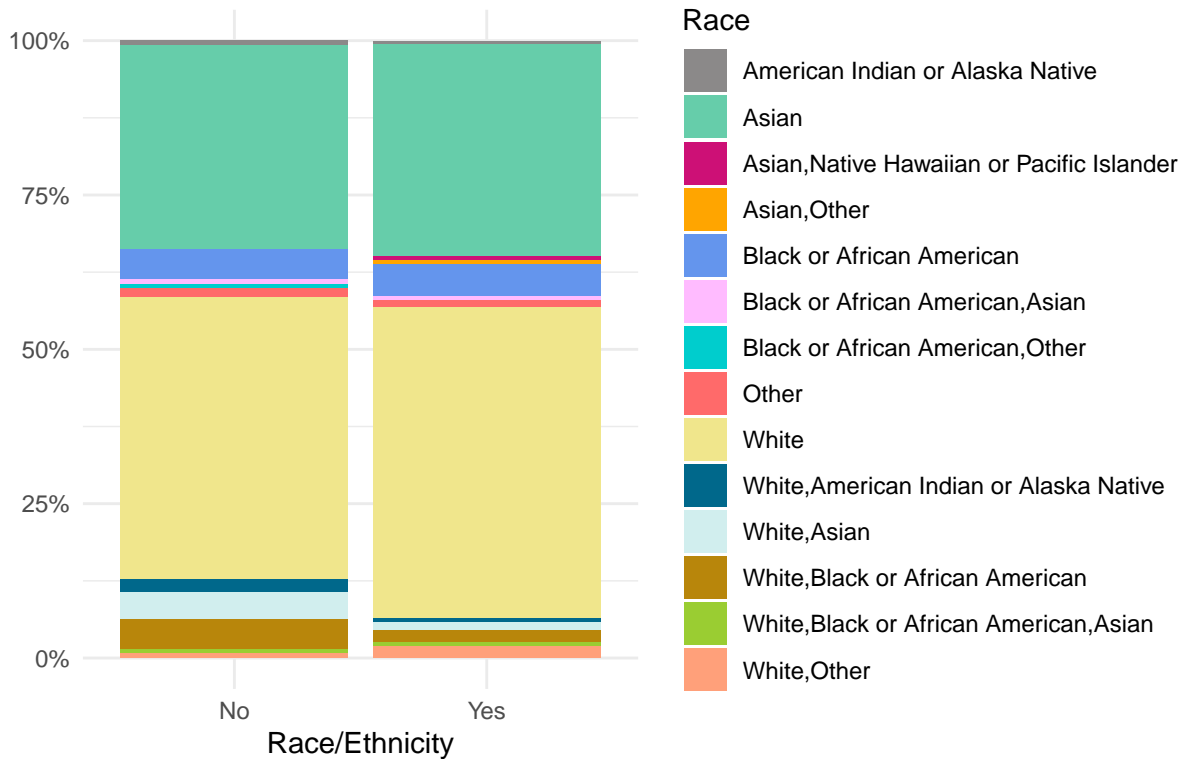
There appears to be more gender and sexual orientation diversity among students who applied RD versus those who applied ED. The distribution among students who applied ED is more focused around one or two gender or sexual identities, whereas these proportions are more spread out across more identities in the the distribution among students who applied RD.

Race

Racial identities are spread more evenly among regular decision applicants



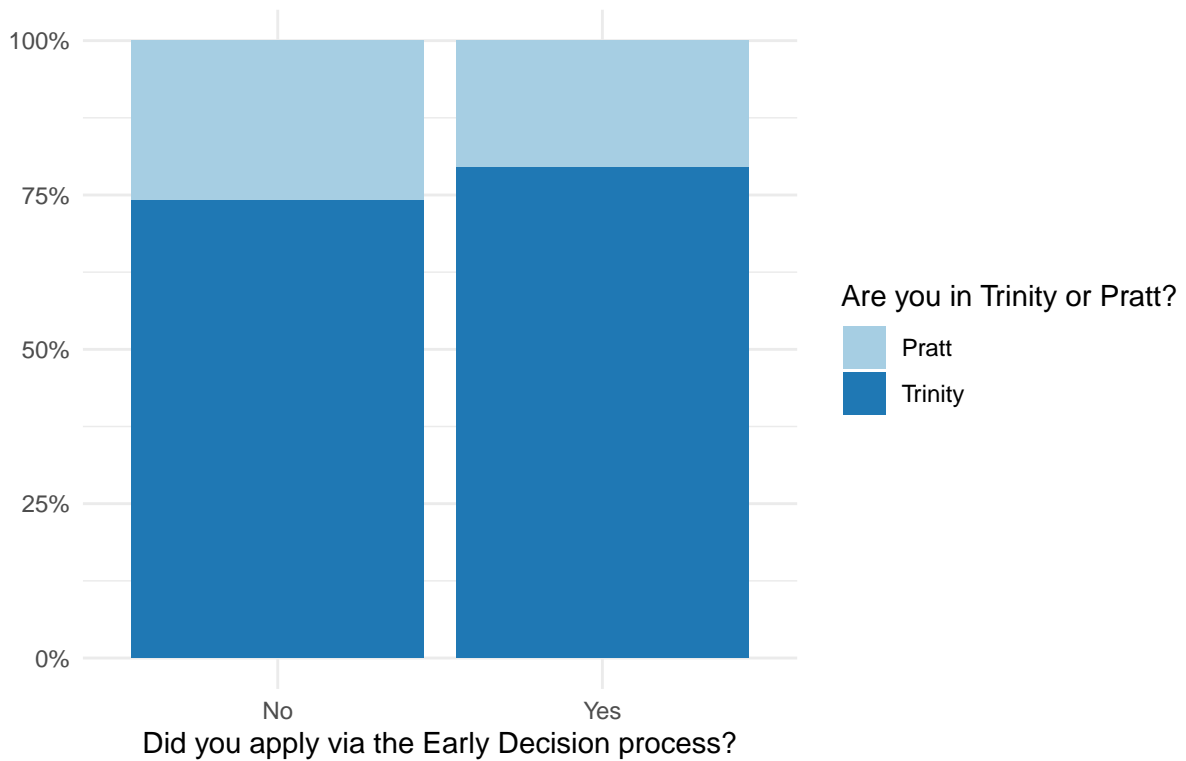
Racial identities are spread more evenly among regular decision applicants



Similar to the gender and sexual orientation trends, there appears to be more racial diversity among students who applied RD versus those who applied ED as well. Approximately 84% of students who applied ED identified as White or Asian, whereas that proportion lowered to around 79% for students who applied RD. Consequently, there is a significant increase in the proportion of multiracial students among those who applied RD.

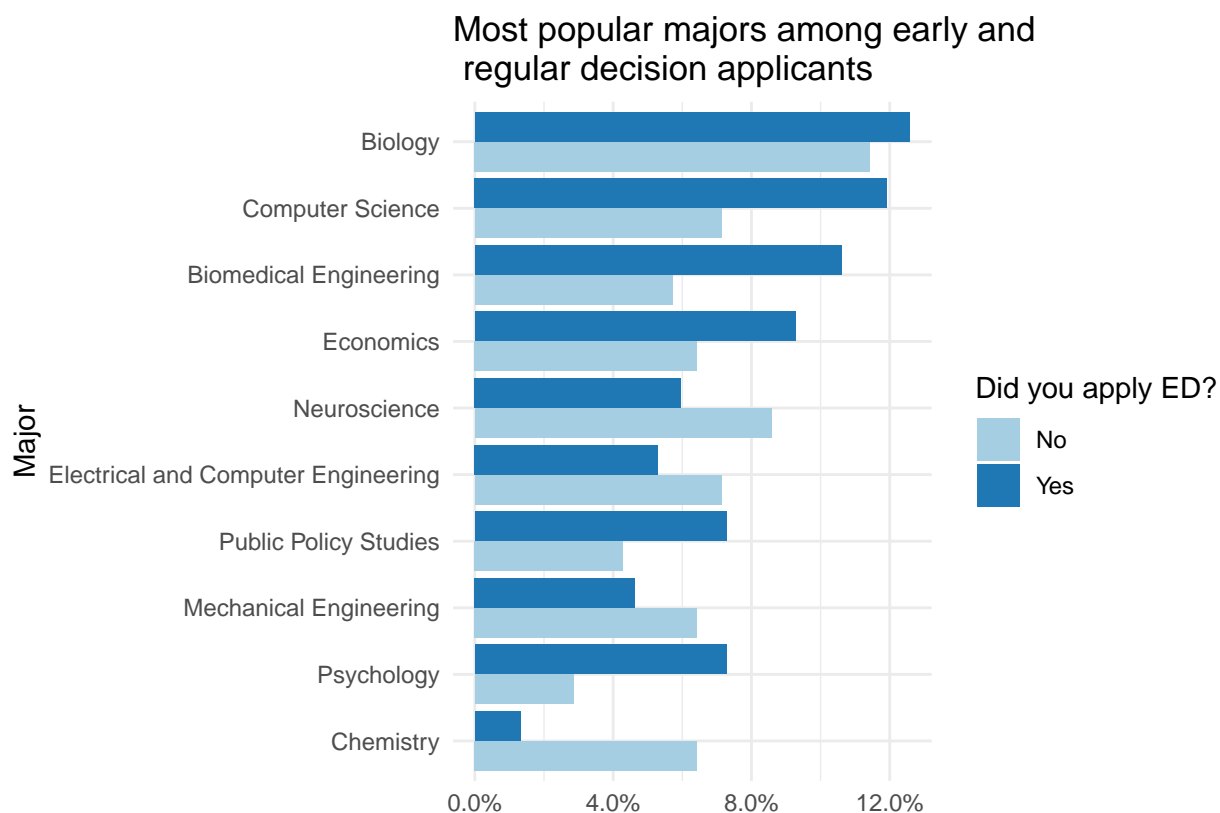
Trinity or Pratt

The proportion of students in Trinity is greater for early decision applicants



ED applicants have a larger proportion of students in Trinity compared to RD applicants.

Major



ED:

Major	n	prop
Biology	19	0.1258278
Computer Science	18	0.1192053
Biomedical Engineering	16	0.1059603
Economics	14	0.0927152
Psychology	11	0.0728477
Public Policy Studies	11	0.0728477
Neuroscience	9	0.0596026
Electrical and Computer Engineering	8	0.0529801
Mechanical Engineering	7	0.0463576
Undecided	6	0.0397351

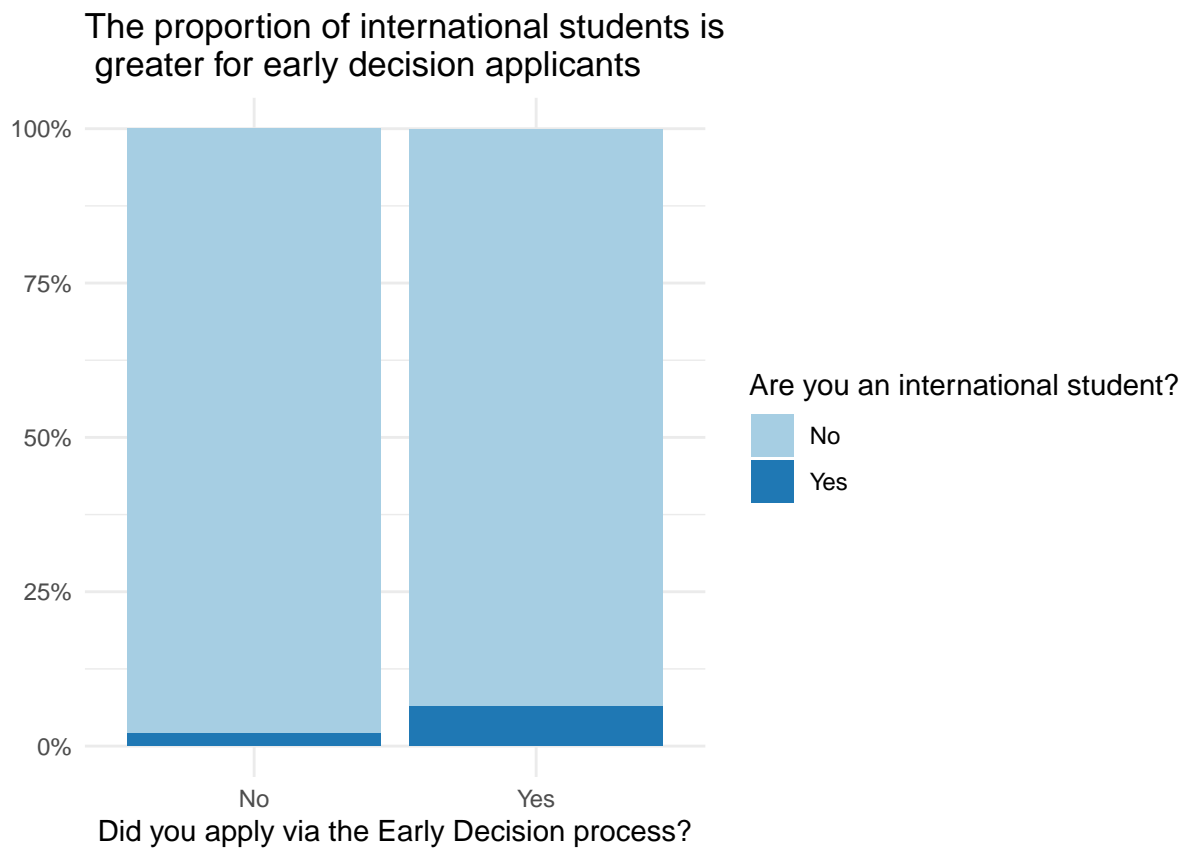
RD:

Major	n	prop
Biology	16	0.1142857
Neuroscience	12	0.0857143
Computer Science	10	0.0714286
Electrical and Computer Engineering	10	0.0714286
Chemistry	9	0.0642857
Economics	9	0.0642857

Major	n	prop
Mechanical Engineering	9	0.0642857
Biomedical Engineering	8	0.0571429
Political Science	7	0.0500000
Public Policy Studies	6	0.0428571

For both groups, both biology and computer science are considered to be top major choices. However, BME, psychology, and public policy are significantly favored more by ED applicants, whereas neuroscience, ECE, chemistry, and mechanical engineering are significantly favored more by RD applicants.

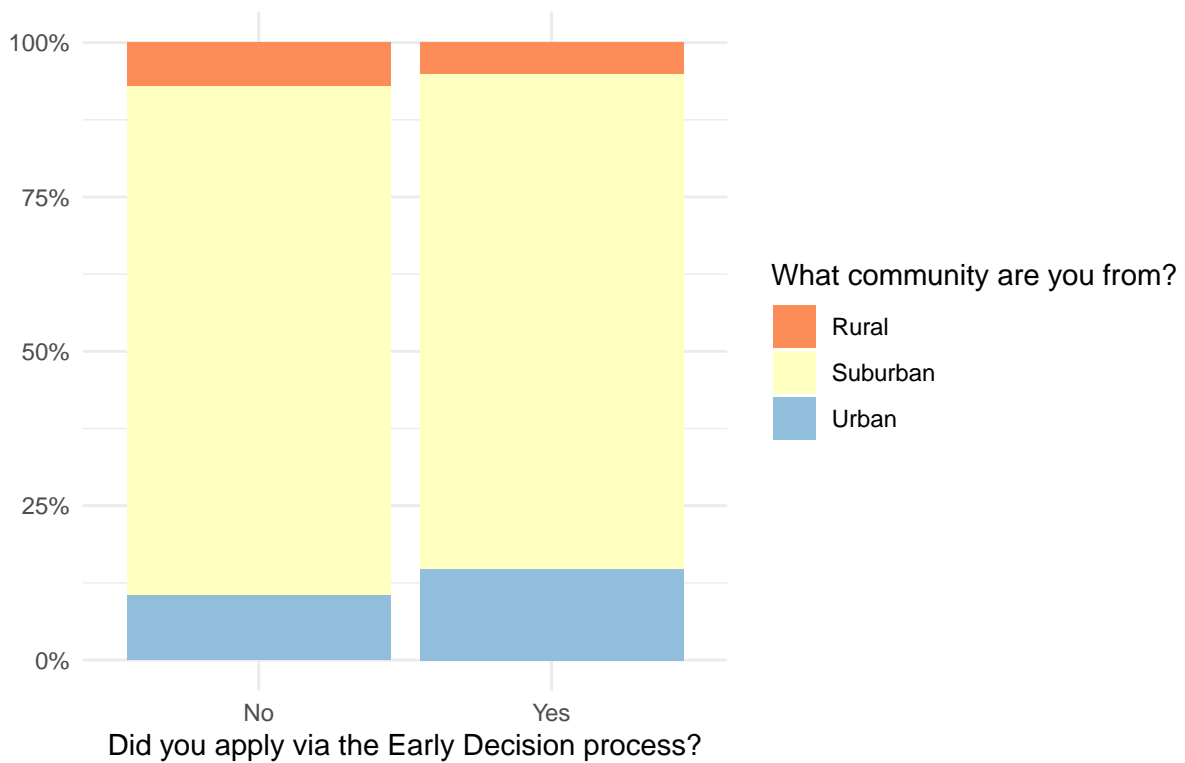
International Students



ED applicants have a larger proportion of international students compared to RD applicants.

Home community

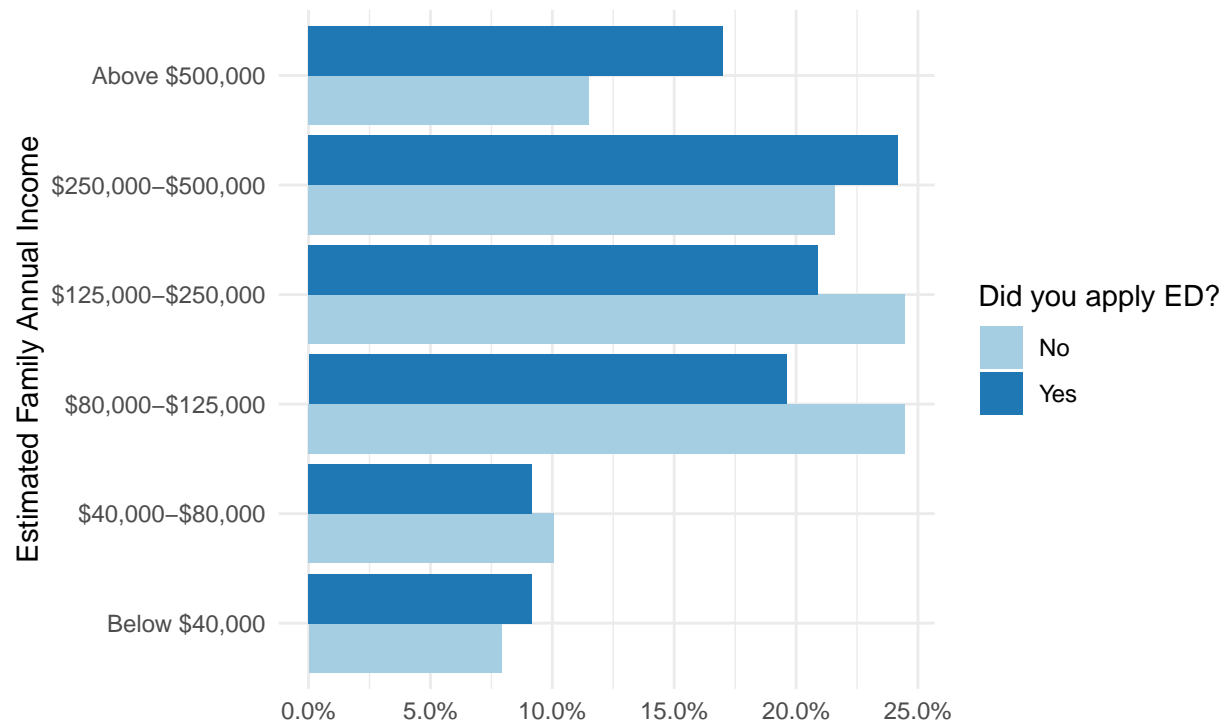
The proportion of urban home communities is greater for early decision applicants



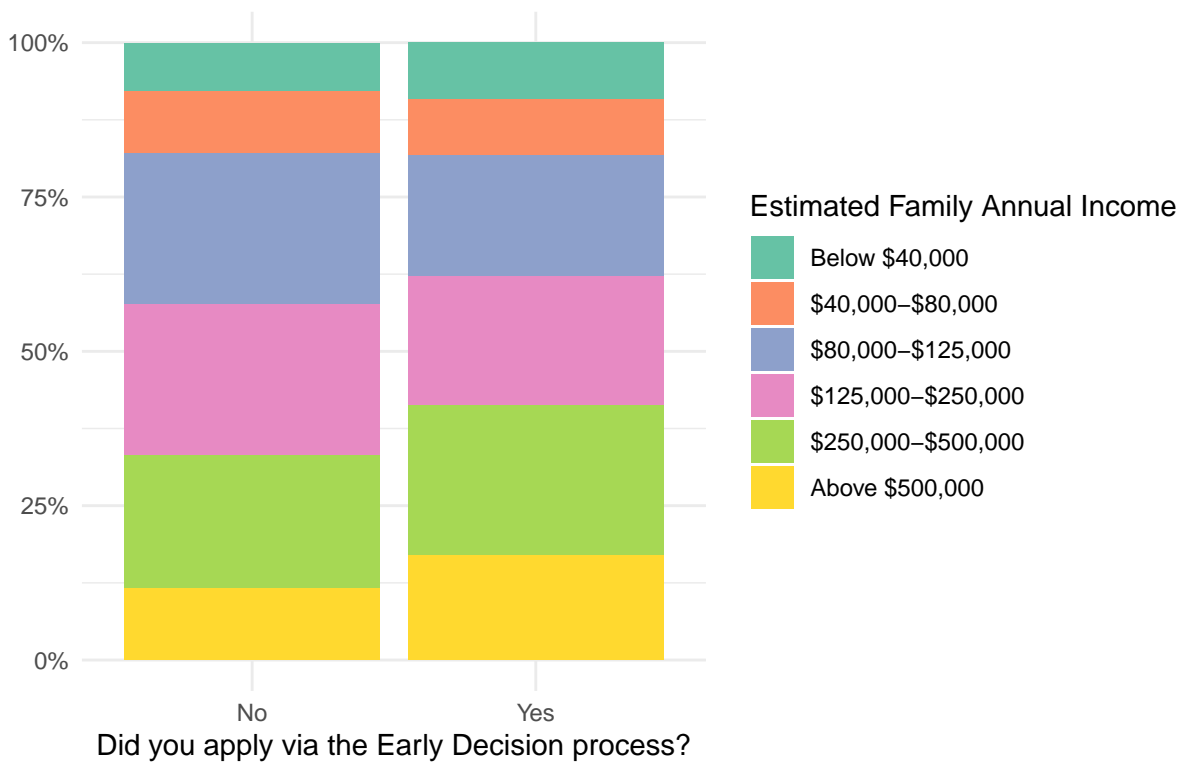
ED applicants have a larger proportion of students in urban home communities compared to RD applicants. Consequently, RD applicants have larger proportions of students who live in rural and suburban home communities compared to ED applicants.

Family annual income

Families of early decision applicants have on average higher estimated annual incomes



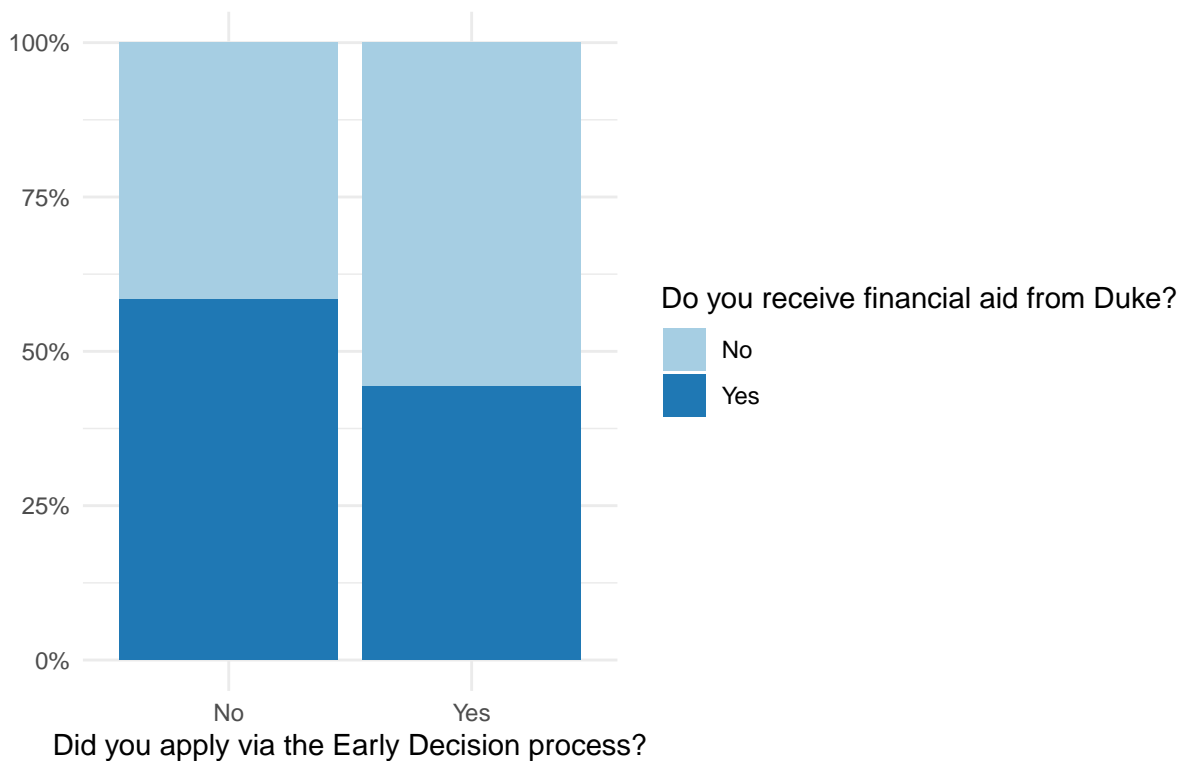
Families of early decision applicants have on average higher estimated annual incomes



Families of ED applicants have on average higher estimated annual incomes than families of RD applicants. ED applicants have a larger proportion of families with estimated annual incomes above 250,000 dollars, whereas RD applicants have a larger proportion of families with estimated incomes between 80,000 and 250,000 dollars. Both ED and RD applicants have roughly the same proportion of families with estimated annual incomes below 80,000 dollars.

Financial aid

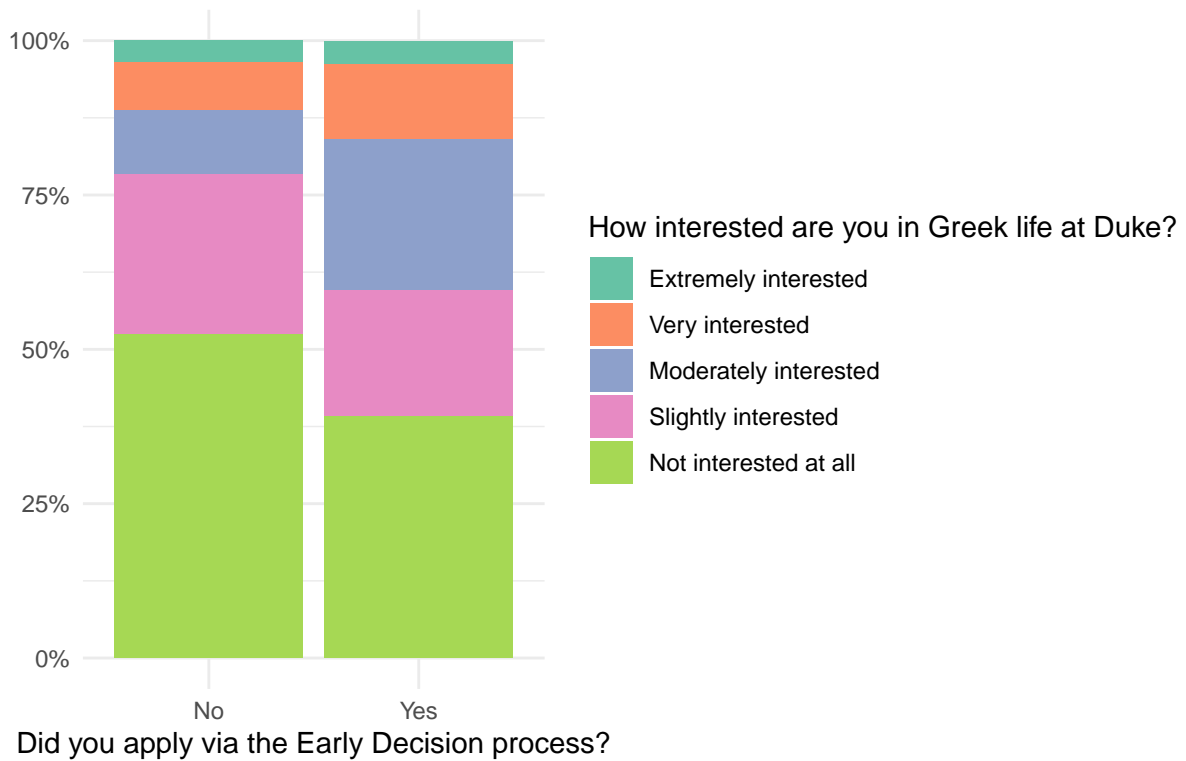
The proportion of students who receive financial aid from Duke is higher for regular decision applicants



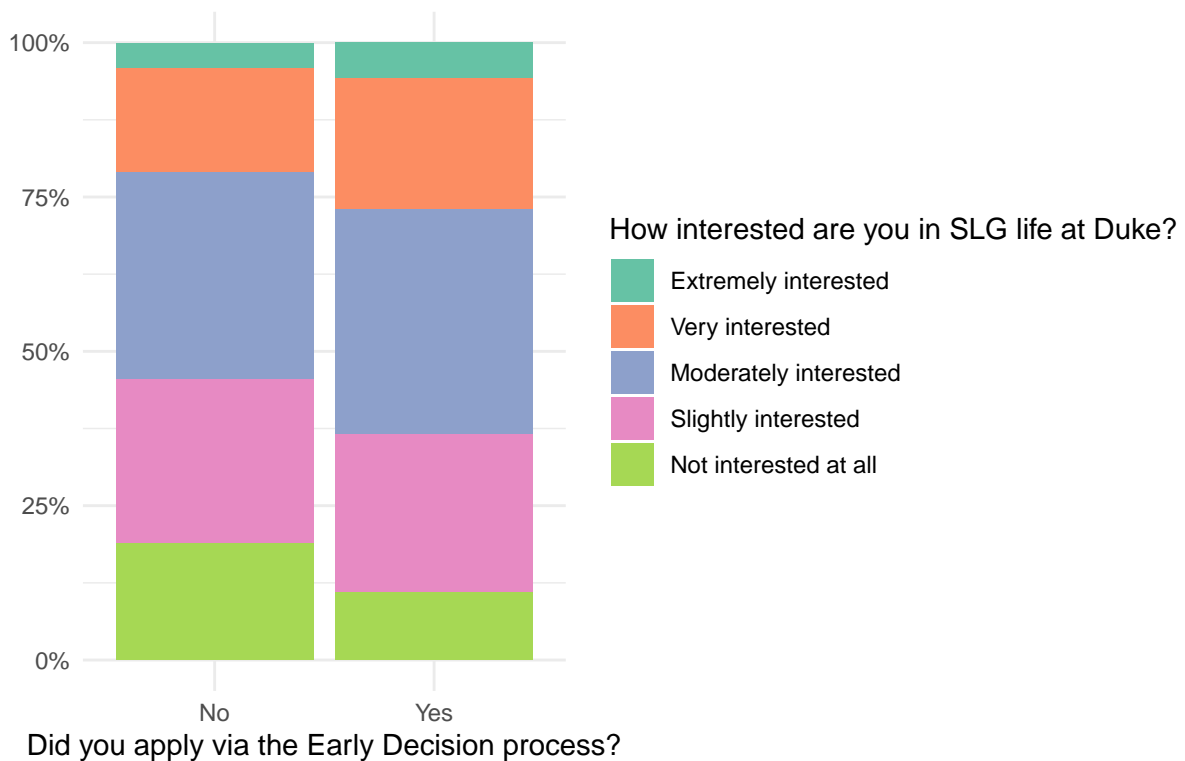
RD applicants have a larger proportion of students who receive financial aid from Duke compared to ED applicants. This is likely a consequence of the trends seen with the estimated family annual income among these groups.

Interest in Greek life and SLGs

The proportion of students interested in Greek life is higher for early decision applicants



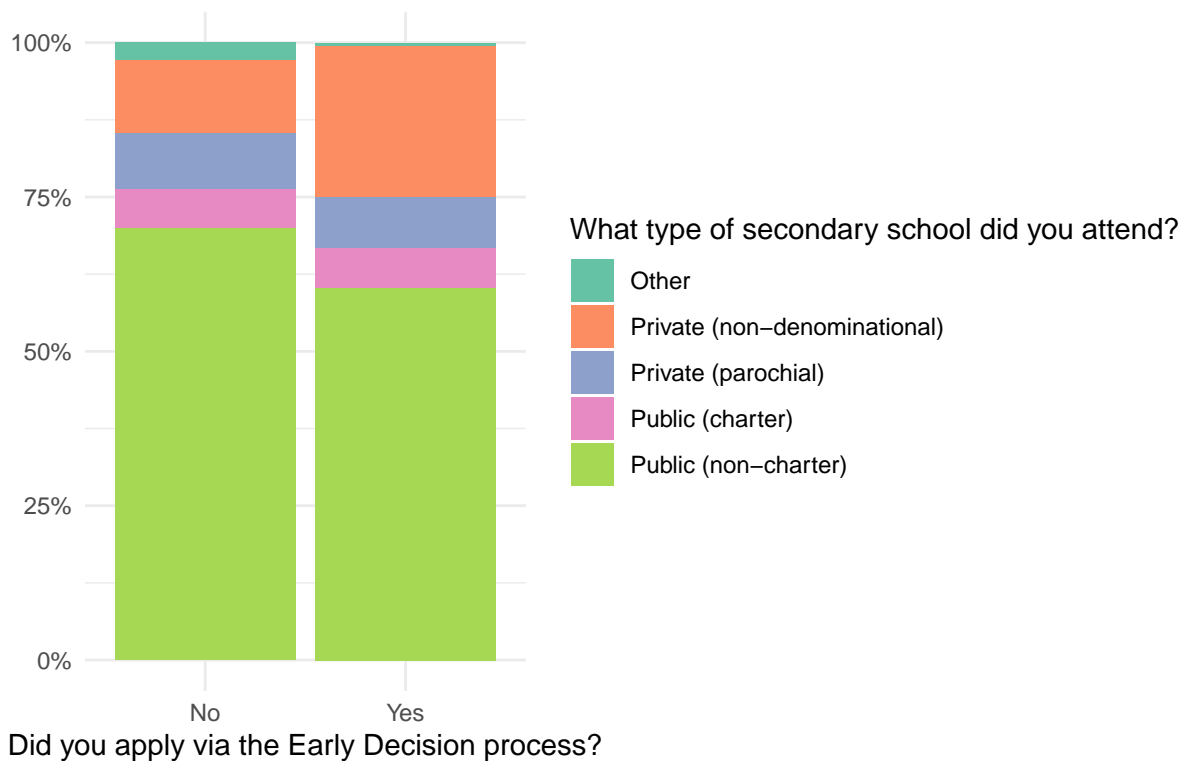
The proportion of students interested in SLG life is higher for early decision applicants



ED applicants have a larger proportion of students who are at least slightly interested in Greek life and SLGs compared to RD applicants. For both ED and RD applicants, students seem to be overall more interested in SLG life than Greek life.

Type of secondary school

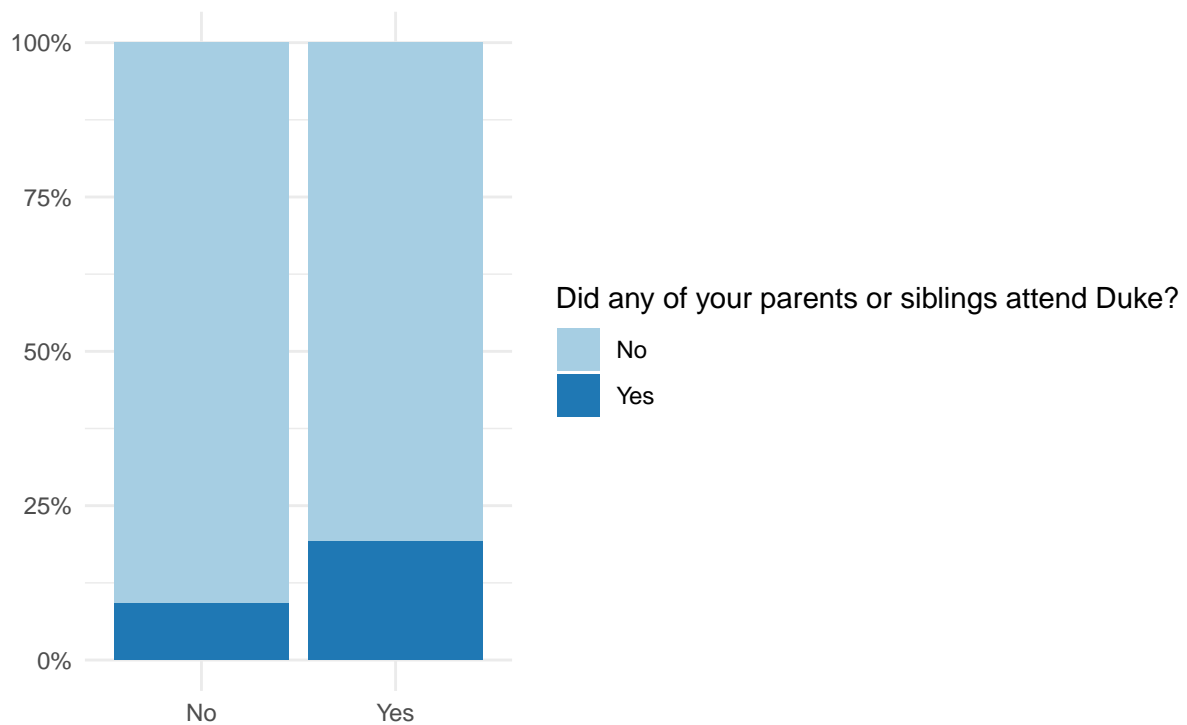
The proportion of students who attended private schools is higher for early decision applicants



ED applicants have a larger proportion of students who attended non-denominational private schools than RD applicants. This could be a reflection of the trends seen with the estimated family annual income among both groups.

Legacy

Legacy is more prominent within families of early decision applicants



ED applicants have a larger proportion of students who have parents or siblings who also attended Duke compared to RD applicants.

Potential Themes: * Gender, sexual, racial, political identities * Economic background * Greek life and selective living * Likelihood to abide by COVID-19 policies