



# Examining Equal Access to Out-of-School Opportunities in Denver

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#### Introduction

#### Motivation

- Experiences outside of the school day can be highly enriching.
- Students living in disadvantaged communities have less access to organizations or institutions that provide enrichment programs.
- ReSchool Colorado's Blueprint4Summer offers an online portal to bridge this gap.

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# **Research Questions**

How can data be leveraged to understand equality of access to out-of-school opportunities in Denver?

- 1. What are the resources?
- 2. How easy is it to get access?
- 3. Are resources equally distributed?

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#### Data

#### Blueprint4Summer

Category (academics, arts, nature, sports, etc.), cost, location, and other program-specific characteristics.

#### **Denver Open Data**

Parks, libraries, playgrounds, rec centers, etc.

## **Census Demographics**

## Denver Public Schools

Student demographics (race/ethnicity, disabilities, English language learners, residential locations)

Urban@UW

http://35.167.60.237:3838/osr dssg2018/RShiny/app/



REINVENTING











# 4 Where are the resources?

Summer programs are unevenly distributed across the city



Public resources are evenly distributed across the city



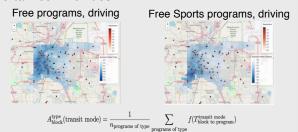
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## How easy is it to get access?

Transportation type doesn't alter access much



Some types of programs are more accessible to certain communities



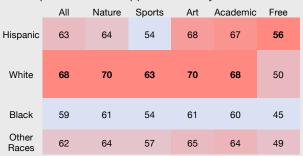
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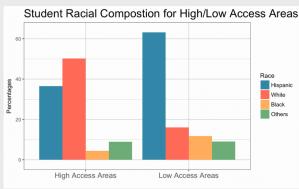
## Are resources equally distributed?

Access is concentrated in the center of the city where the fewest students live.



There is unequal access to opportunities by race





- Hispanic families are far more likely to live in Census block groups that have low access to these same opportunities.
- Black families are consistently located in neighborhoods with the lowest access to all types of out-of-school opportunities.