

# NBA Predictions

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## Goals

- The goal of this project was to predict the outcomes of NBA basketball games as accurately as possible.
- Using game predictions, we can create a distribution of how many games each team is expected to win over the course of a season.

## Introduction

- What’s up?

## Data

- What’s up?

## Features

These are the features we used

## Method

For each Census tract in the U.S., we generated micro-data in the following manner:

- ➊ Find aggregate counts for householder age, householder race, household size, and household income from 2007-2011 ACS SF
- ➋ Implement IPFP procedure, similar to that in the one of TransSim by Beckman, Baggerly, and McKay [?]
- ➌ Sample from 2007-2011 PUMS records from corresponding PUMA to generate synthetic data
- ➍ Sample from appropriate spatial polygons to assign a latitude and longitude coordinate, as shown in Figure ??

## Algorithms

- Must reconcile geographies defined by different entities
  - e.g. ACS SF are available at tract level
  - PUMS data’s base level is the PUMA

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## Simulations

Hey

## Conclusion

Yo

## Future Work

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