

# UCI Hackathon Presentation

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# Here's how much of your income you should be spending on housing

30% is the popular rule of thumb



## 30% Rule

suggests you should spend no more than **30% of your gross income** on rent.



# Research Question

Is rent 30% of people's median income in Orange County?

If not, what percentage of people's income is rent?



# Cities in Orange County (Used):

Southwest (San Clemente, Laguna Niguel and San Juan Capistrano)

South Central (Mission Viejo and Rancho Santa Margarita (West))

West Central (Newport Beach, Aliso Viejo and Laguna Hills)

Central (Irvine City)

Northeast (Lake Forest, Irvine (North) and Silverado)

North (Yorba Linda, La Habra and Brea)

North Central (Fullerton and Placentia)

Northwest (Buena Park, Cypress, and Seal Beach)

North Central (Anaheim City (West))

North Central (Anaheim City (East))

Central Orange and Villa Park)

Northwest (Westminster, Stanchion, and Garden Grove (West))

Northwest (Garden Grove (East))

Northwest (huntington Beach City)

Southeast (Rancho Santa Margarita City (East) and Ladera Ranch)

Central (Santa Ana City (West))

Central (Santa Ana City (East))

Central (Costa Mesa and Fountain Valley)



# Data

18 regions in Orange County

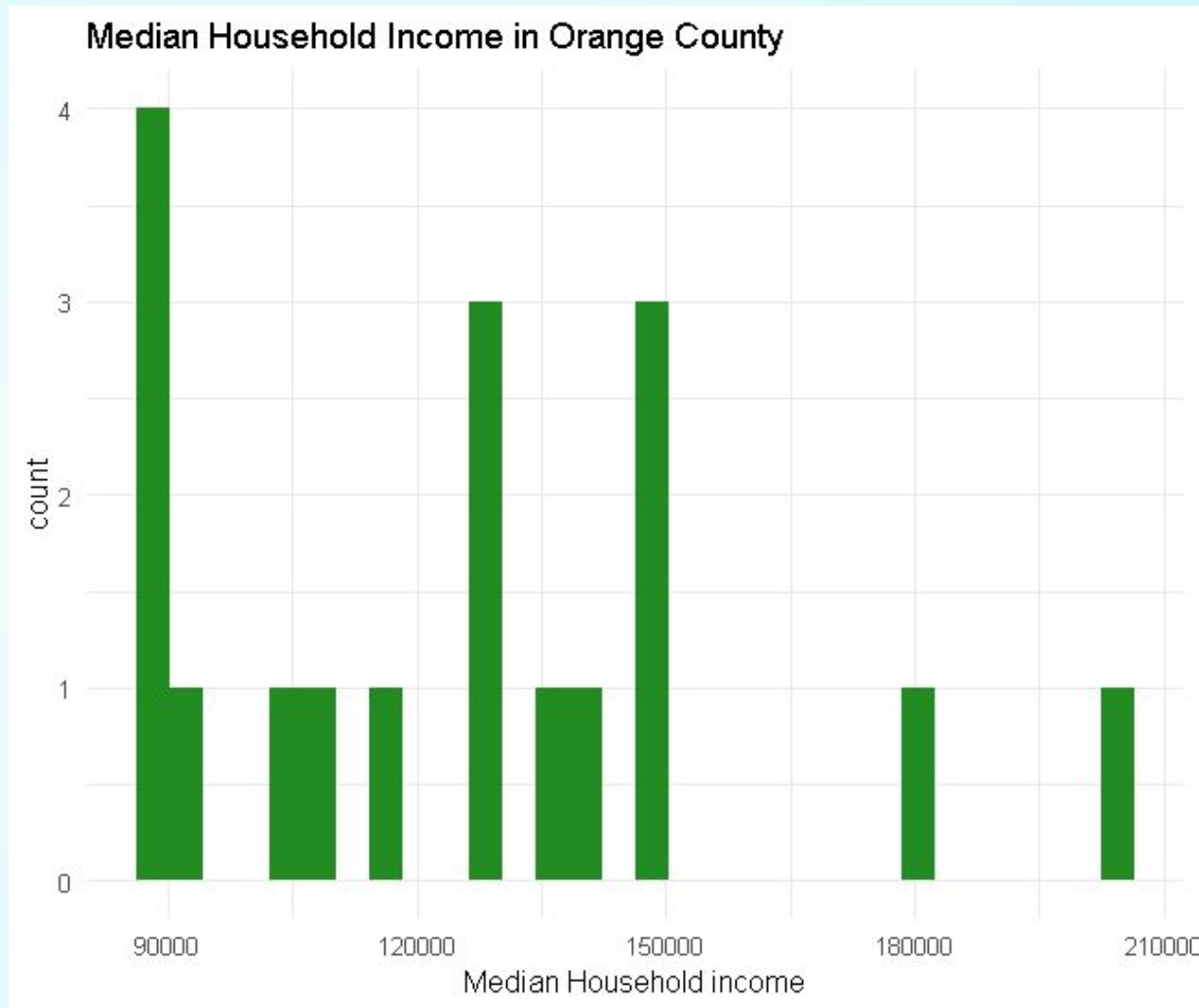
What variables did we pick?

Median Income: Household Income

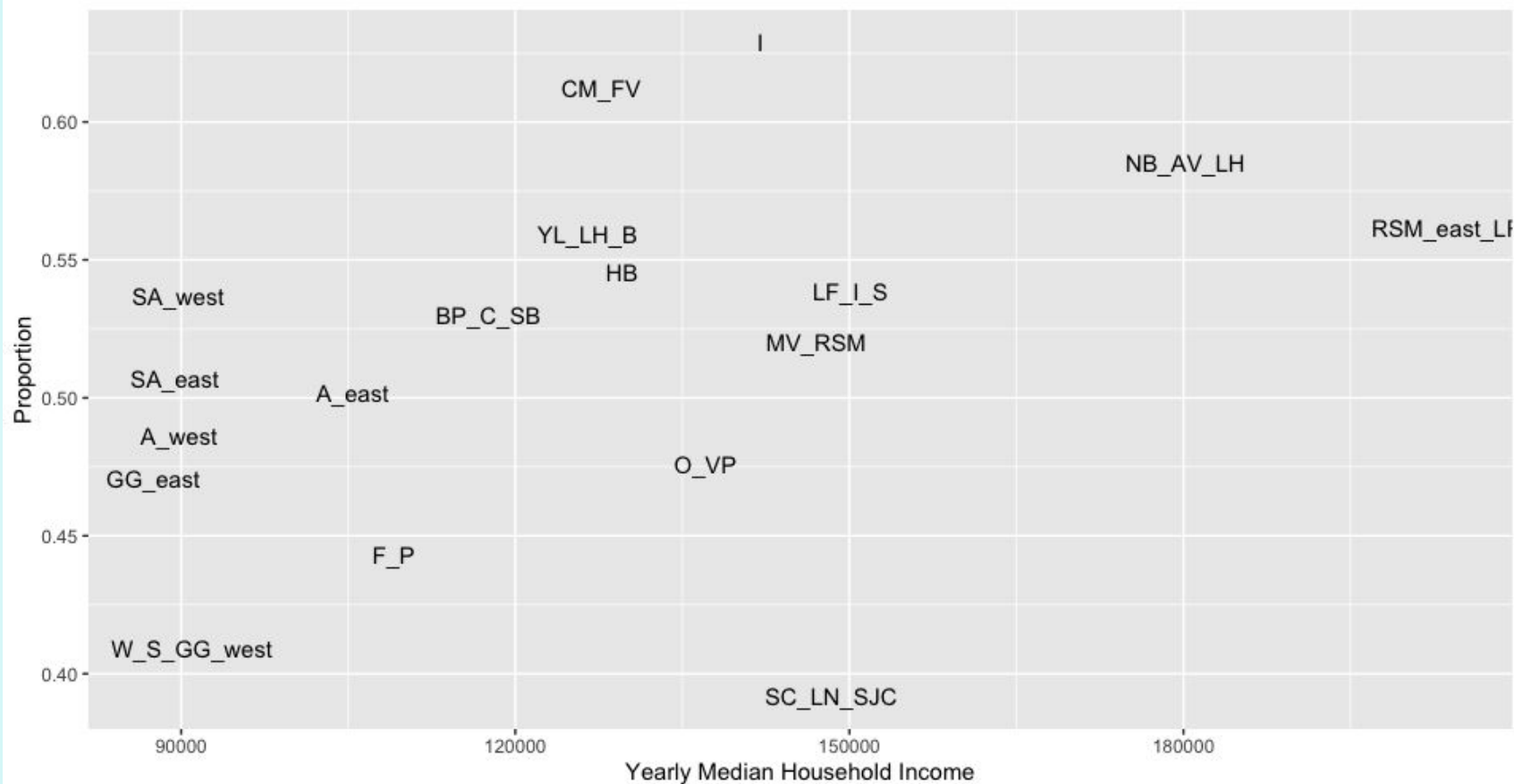
Rent: Gross Rent as a percentage of Household Income(past 12 months)



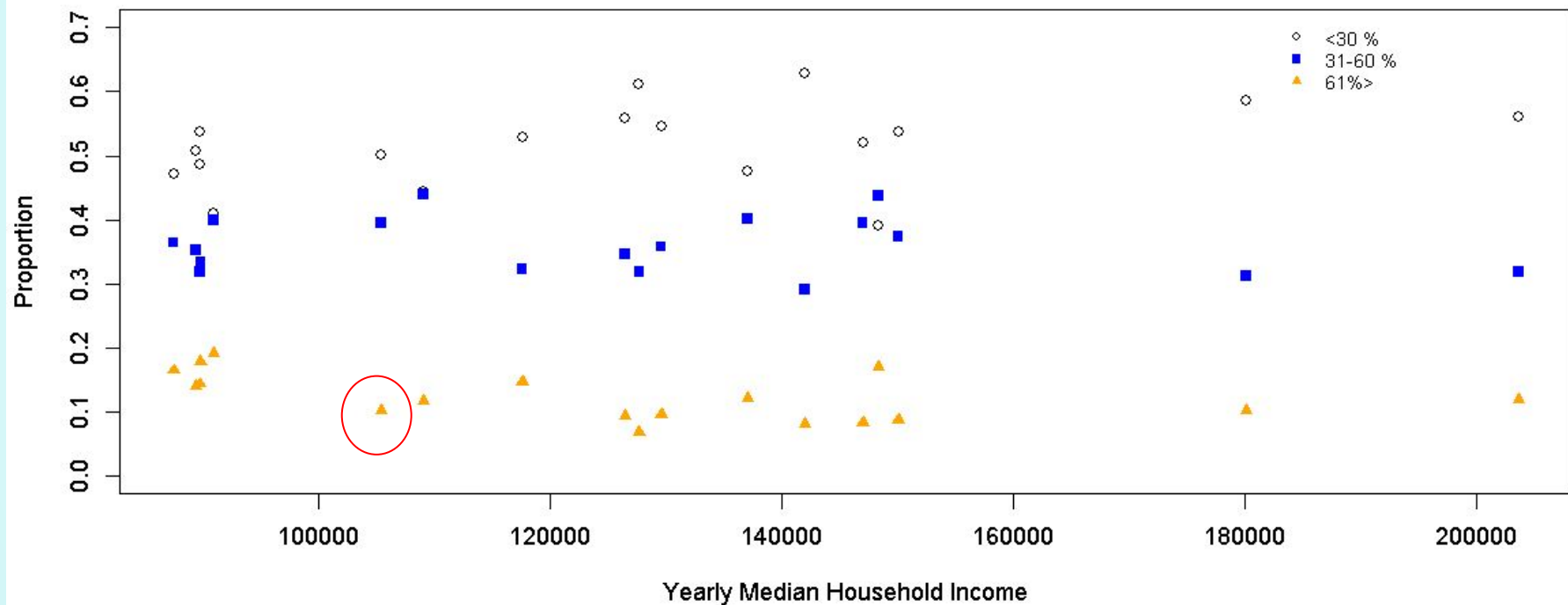
# Distribution of our Median Household Income



Rent to Income Proportion across Region

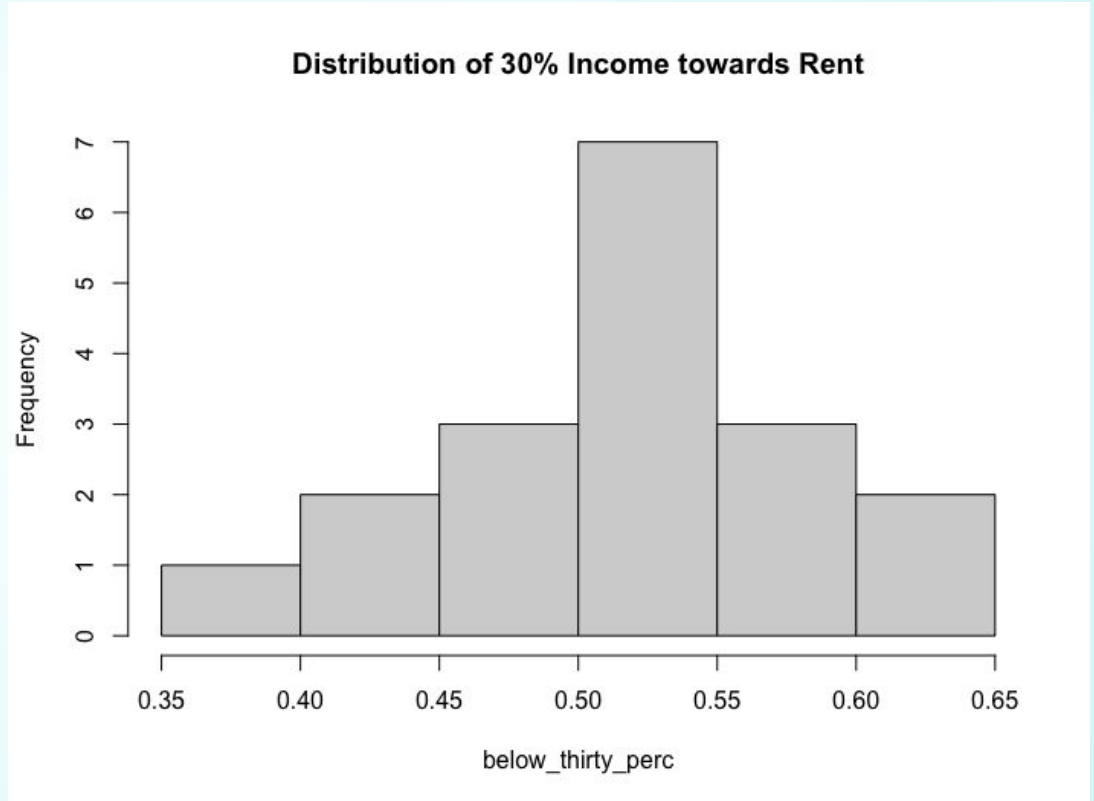


Rent to Income Proportion across Income

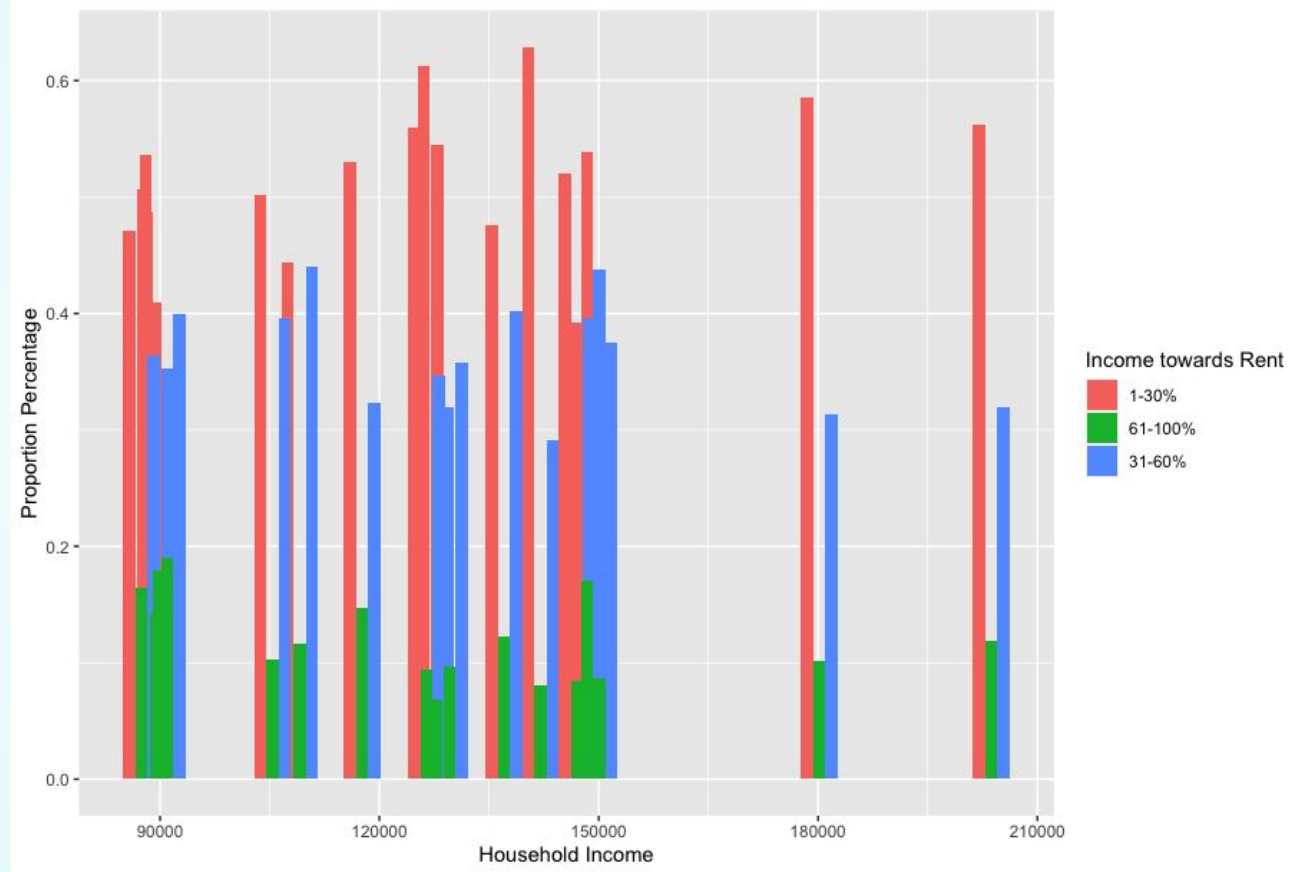




# Distribution of people in Orange County who spend 1-30% of income on rent



# Rent to Income Proportion over household income



## Conclusion/Observations

**Is rent 30% of people's median income in Orange County?**

- 38-62% of residents in OC regions pay  $\leq 30\%$  of their income for rent.