KING COUNTY DEVELOPMENT

An Academic Regression Analysis Project by Devin Sarnataro

Table of Contents

Introduction

Three Models

Features and Results

Future Investigations

Introduction

Dependent Variable

Introduction

Target

Introduction

Target

Independent Variable(s)

Introduction

Target

Predictors

Introduction

Target

Features

Introduction

Percent Change

Features

Introduction

Numerical

Percent Change

Introduction

Percent Change

Numerical

Categorical

Introduction

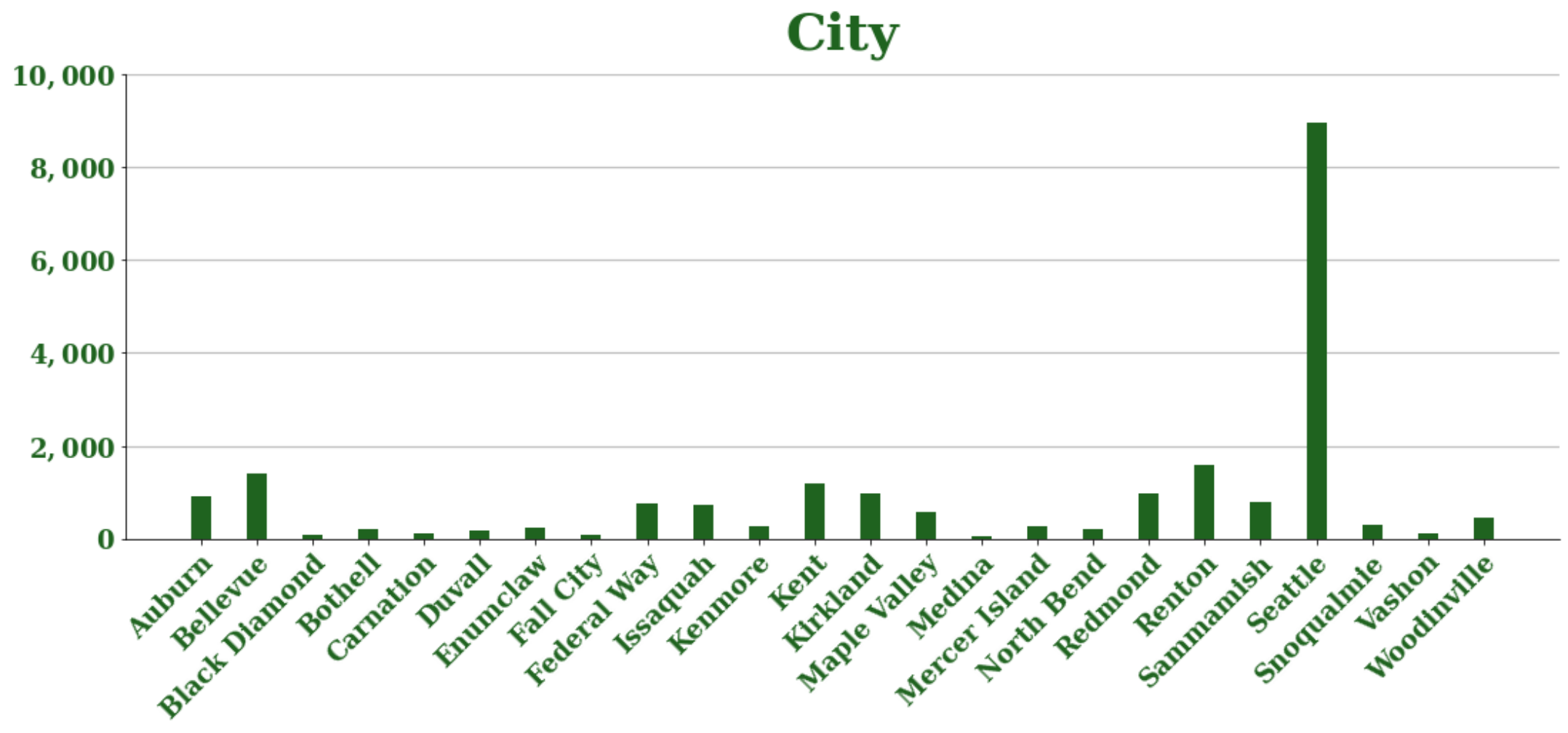
Percent Change

Intercept

Three Models

City

Three Models



Three Models

All King County Model

Seattle Model

Outside Seattle Model

Features and Results

Intercepts

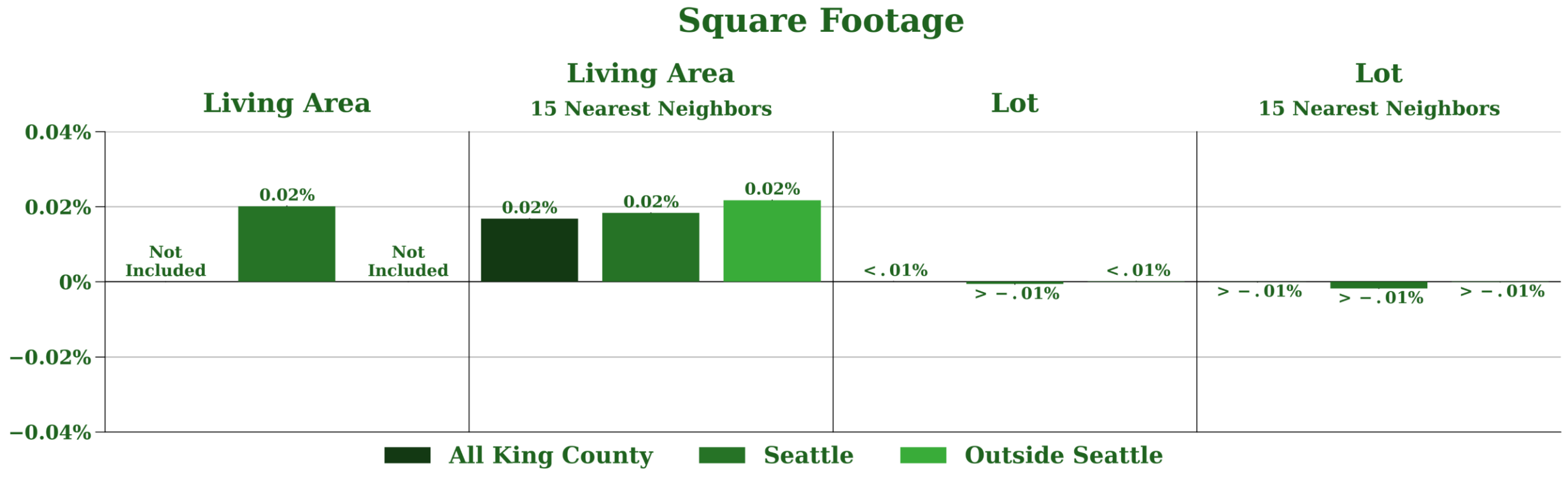
Features and Results

All King County Model	$262 K
Seattle Model	$288 K
Outside Seattle Model	$149 K

Features and Results

Square Footage Features

Features and Results



Features and Results

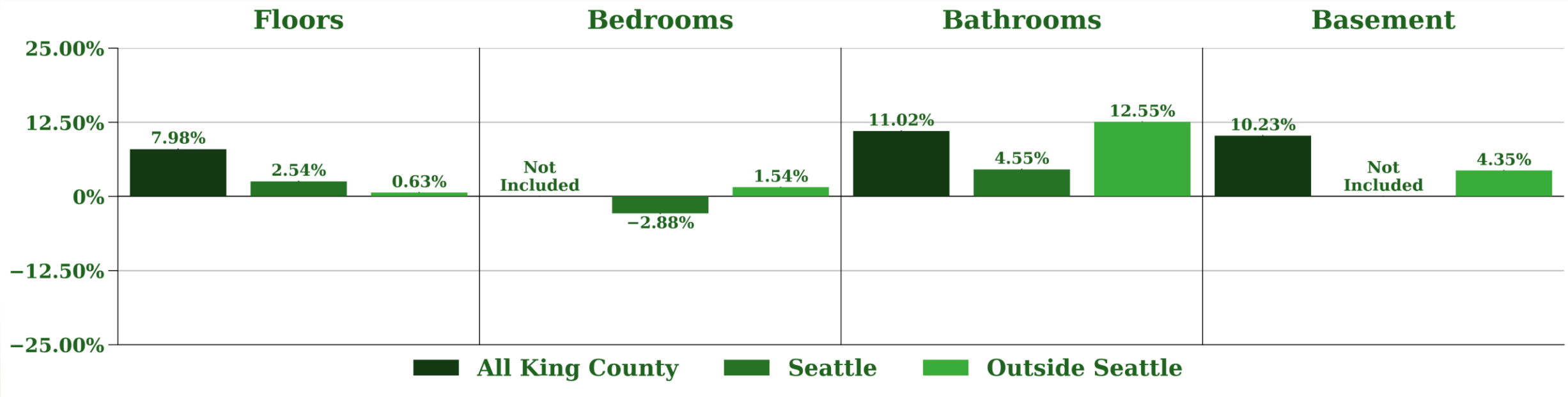
Floors

Bedrooms

Baths

Basement

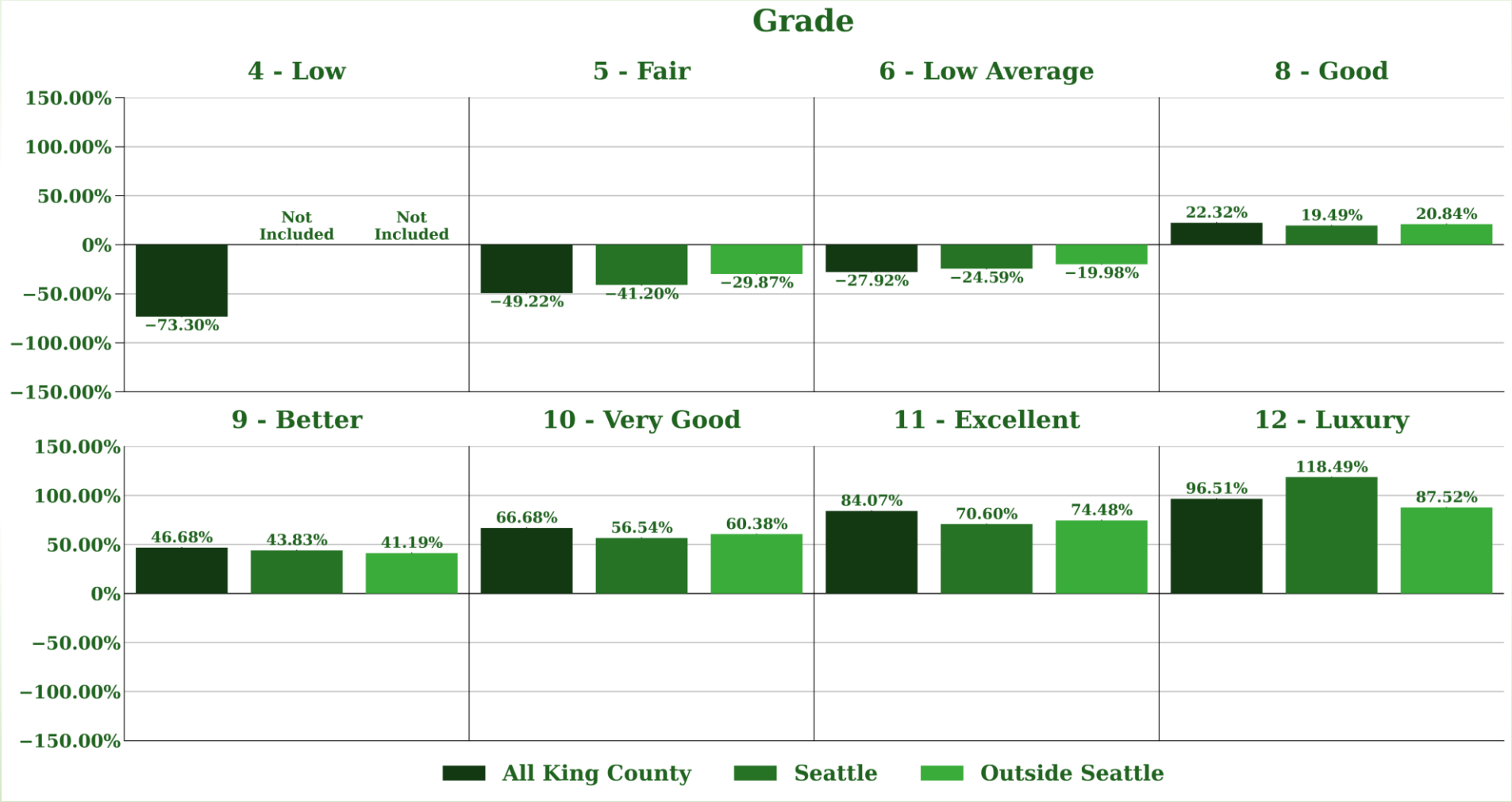
Features and Results



Features and Results

Grade

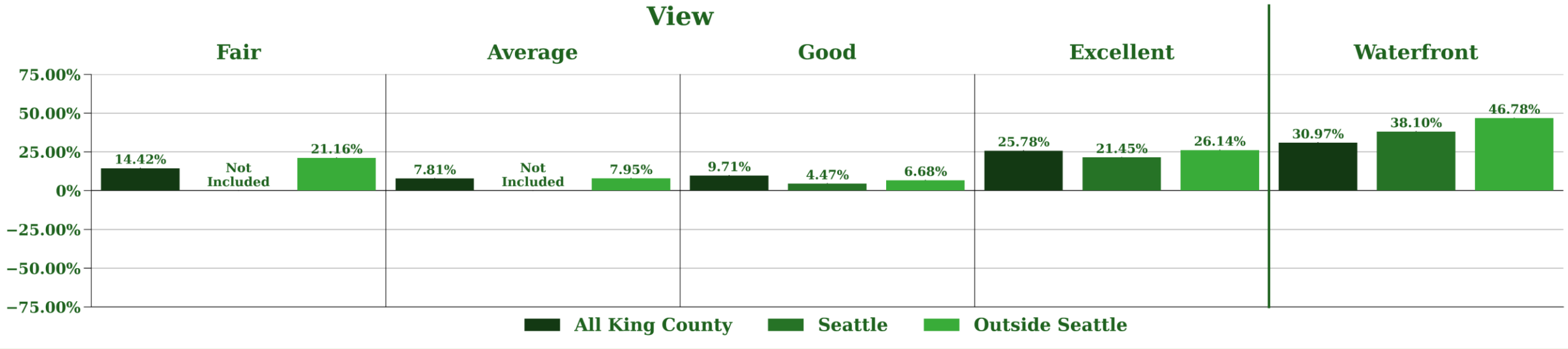
Features and Results



Features and Results

View and Waterfront

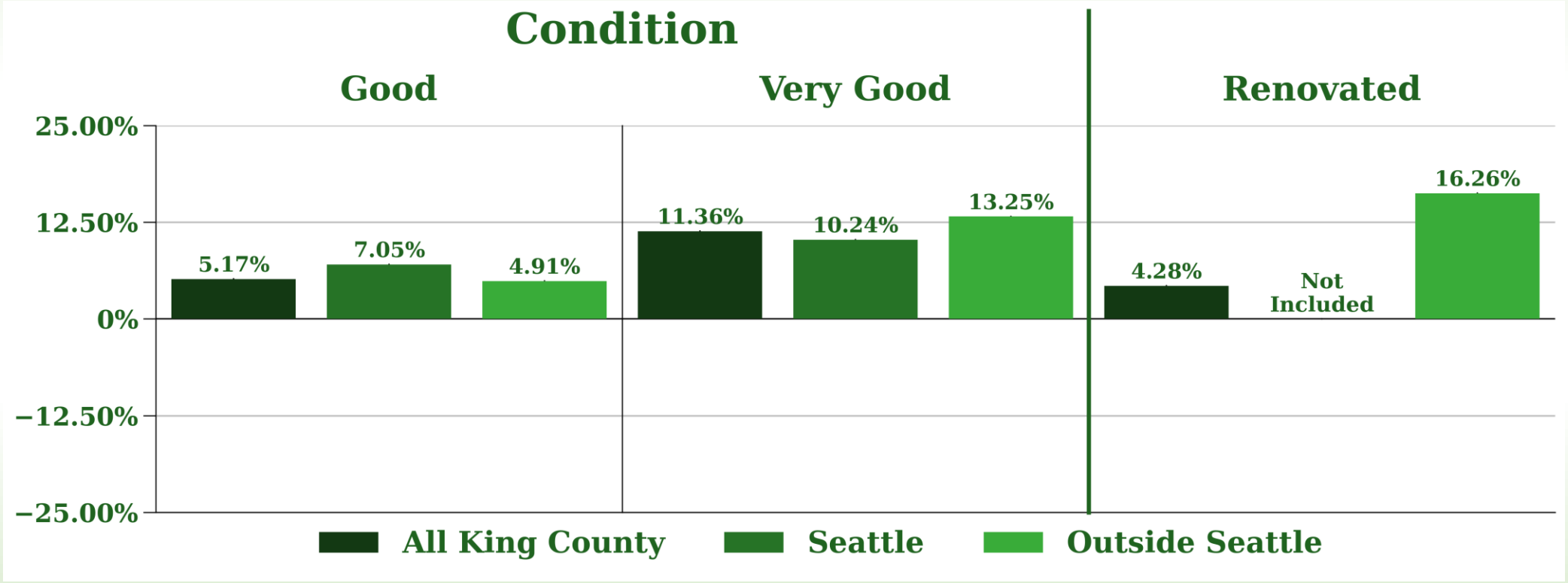
Features and Results



Features and Results

Condition and Renovated

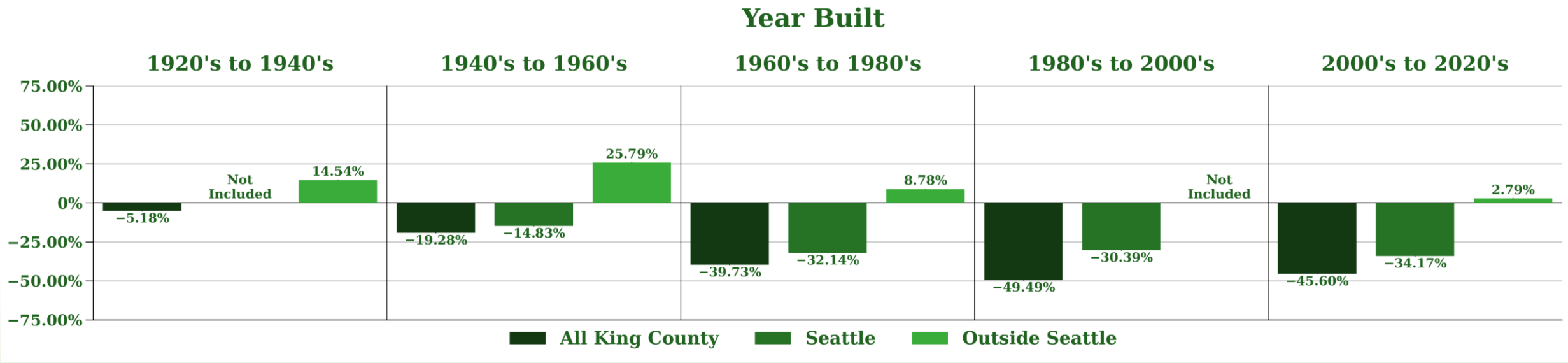
Features and Results



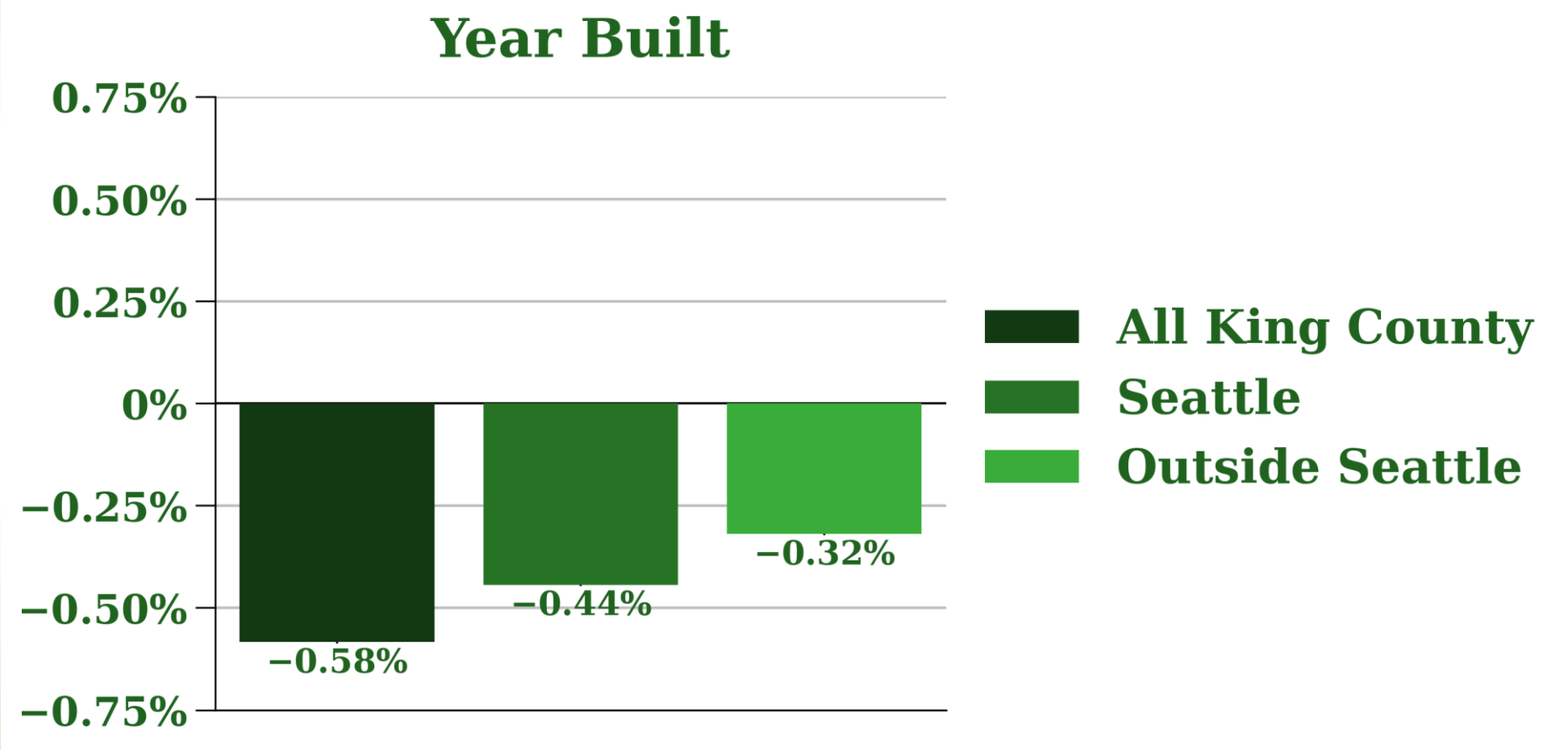
Features and Results

Year Built

Features and Results



Features and Results



Future Investigations

Picture Databases

Grade, View, and Condition Features

King County Records

Data on more than one year's worth of property sales
Data on commercial property sales as well
Separate models for each city / ZIP code in King County
Identify changes over time
Identify areas with high potential
Identify the important features for each area

Interactive Maps for each City / ZIP Code

Zoning Districts
Heatmap of an Area's Potential

Thank You

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My Analysis

https://github.com/sarnadpy32/king_county_development