# Pol Sci 630: Problem Set 13 - Simulations and Regression Discontinuity - Solutions

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Grading Due Date: Friday, November 27th, 12.00 PM

Use the following scheme to assign points: For problems that were solved correctly in their entirety, assign the full point value of 4. For correctly solved bonus problems, add that value to the total score for a problem but do not go above 4 points per problem. If there are mistakes in any problem, subtract points according to the extent of the mistake. If you subtract points, explain why.

In order to make your text bold and red, you need to insert the following line at the beginning of the document:

`\usepackage{color}`

and the following lines above the solution of the specific task:

`\textbf{\color{red} GRADER COMMENT: everything is correct! - 4/4 Points}`

# R Programming

## Problem 1

```
### a
```

    b)

## Problem 2

```
### b
```

```
### c
```

a)

## Problem 3

a)

b)

c)

# Regression Discontinuity

## Problem 4

    a)

    b)