**900 / 1000**  TA / Instructor Grading Total

**100 / 100**  **Problem 1**

☑ 0  Full Credit

**100 / 100**  **Problem 2** *(Graded by: Ma)*

☑ 0  Full Credit

**100 / 100**  **Problem 3**

☑ 0  Full Credit

**100 / 100**  **Problem 4** *(Graded by: Ma)*

☑ 0  Full Credit

**100 / 100**  **Problem 5** *(Graded by: Ma)*

☑ 0  Full Credit

**200 / 200**  **Problem 6** *(Graded by: Ma)*

☑ 0  Full Credit

**200 / 300**  **Problem 7**

☑ -100  (b) incorrect

**Overall note from Richie:**

P7b: The expression of the change in $E_{in}$ as $c*(Y-X)$ is incorrect. The change in $E_{in}$ will be dependent on the individual values of the $y_i$. If you want to express something like this, please show how you derive it -- mathematically -- from the definition of $E_{in}$ for sum of absolute deviations.