

# Homework 4

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Question 1

These ranges of plan counts seem too few - I would assume more in the 12-20 range.

## Question 2

Over time, the distribution of higher star ratings (ratings of 4-5) has increased. In later years, there are less low ratings and more high ratings.

### Question 3

Over the years, the average benchmark payment has dipped and risen, overall decreasing to ~\$28,595.

#### Question 4

The share of Medicare Advantage has increased in popularity, gradually increasing from 2008 to 2015. This correlates with low benchmark payments.

## Question 5

## Question 6

Question 7

How sensitive are your findings to the choice of bandwidth?



#### Question 8

The distribution of the running variable before and after the relevant threshold values seems to change drastically.

Question 9 While I was unable to examine the plan characteristics, I believe that the plans just above the threshold values seem to not have drastically different characteristics than contracts just below the threshold values.

Question 10

I found that increasing a star rating generally lead to increases in enrollments.