Homework4 Submission2

https://github.com/modugbe/homework4

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#Question 1

Distribution of Plan Counts by County Over Time
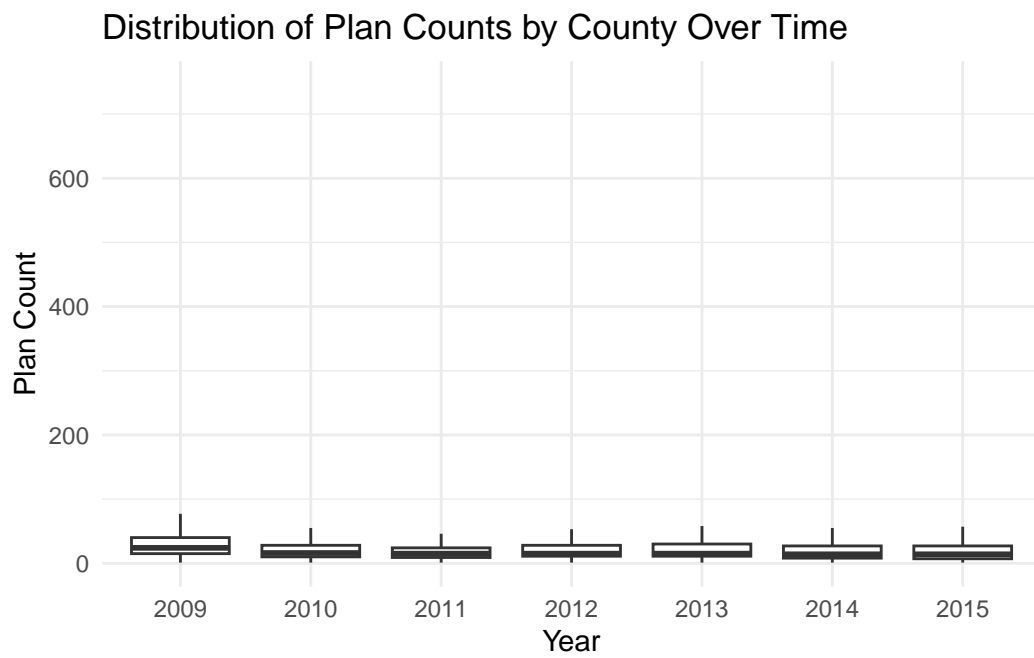
The number of plans is sufficient.

#Question 2

Distribution of Star Ratings (2010, 2012, 2015)
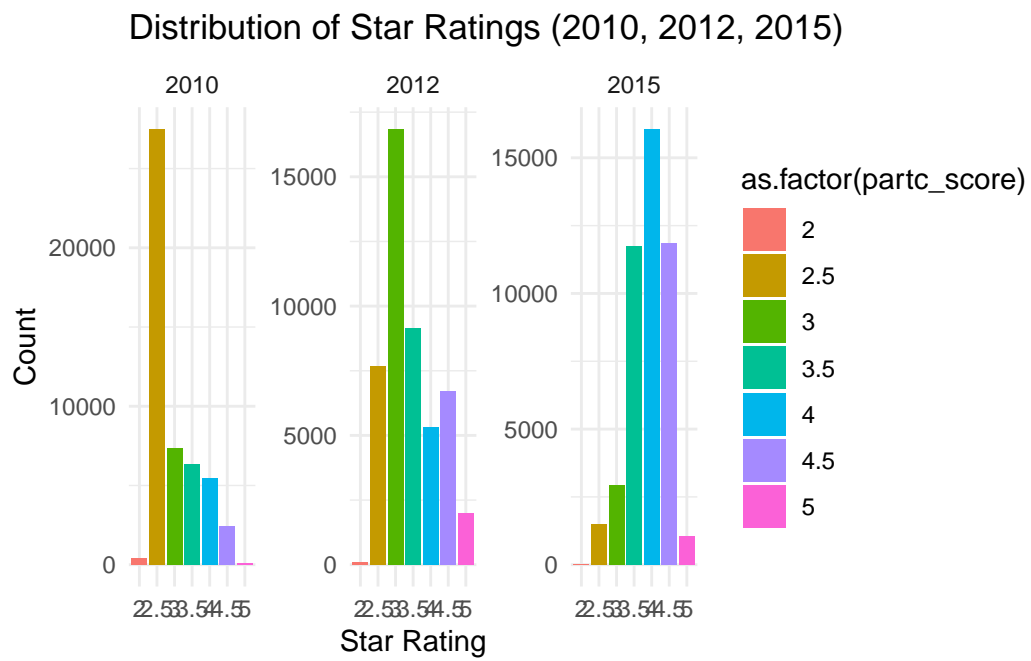
Distribution has shifted towards higher ratings over the years.

Average Benchmark Payment Over Time (2010–2015)

#Question 4

Average Share of Medicare Advantage Over Time (2010–20
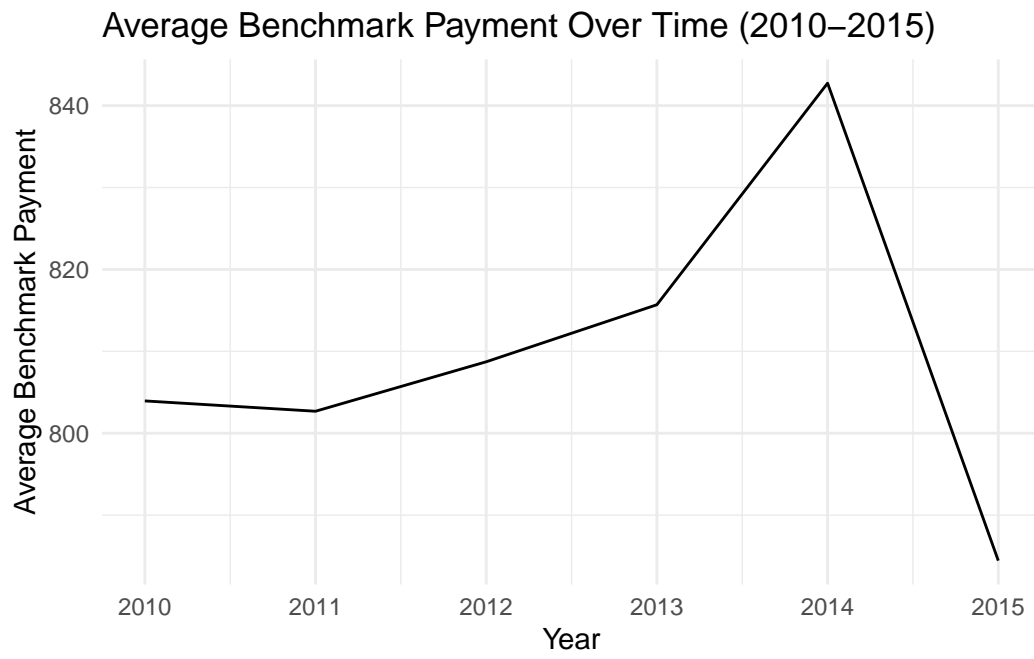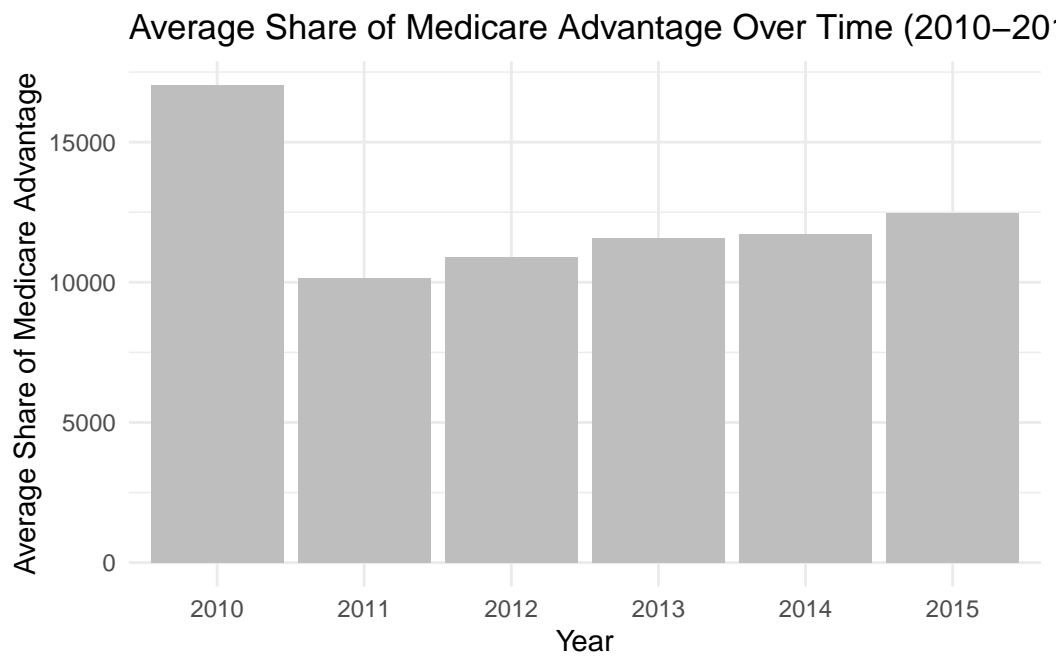
[1] -0.1237464

#Question 5

```
Warning in styling_latex_scale(out, table_info, "down"): Longtable cannot be
resized.
```

Table 1: Star Rating Counts

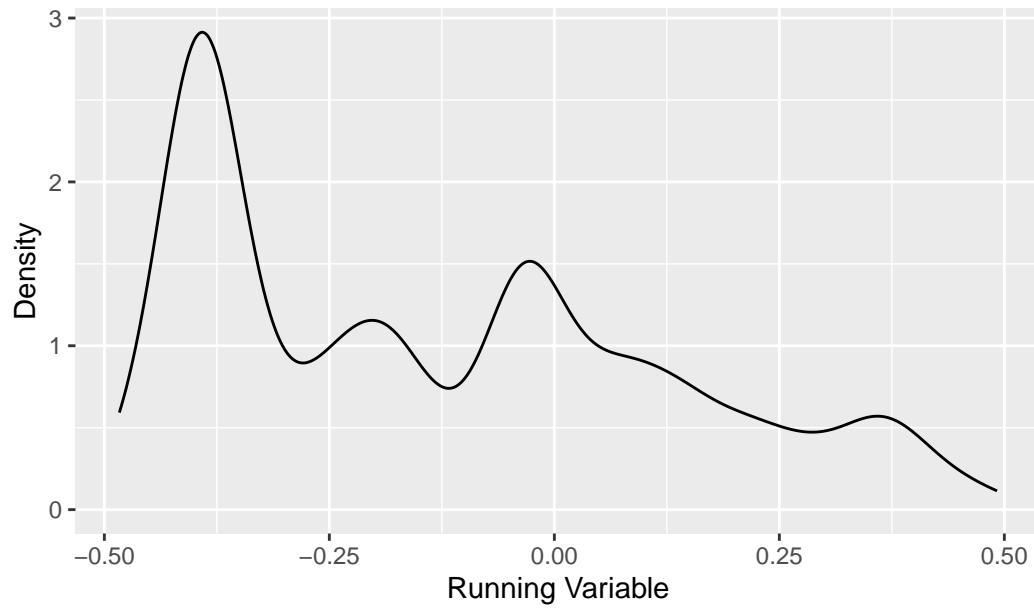| Star_Rating	Plan_Count
1.5	1295
2.0	3335
2.5	6578
3.0	4173
3.5	2259
4.0	1346

#Question 6

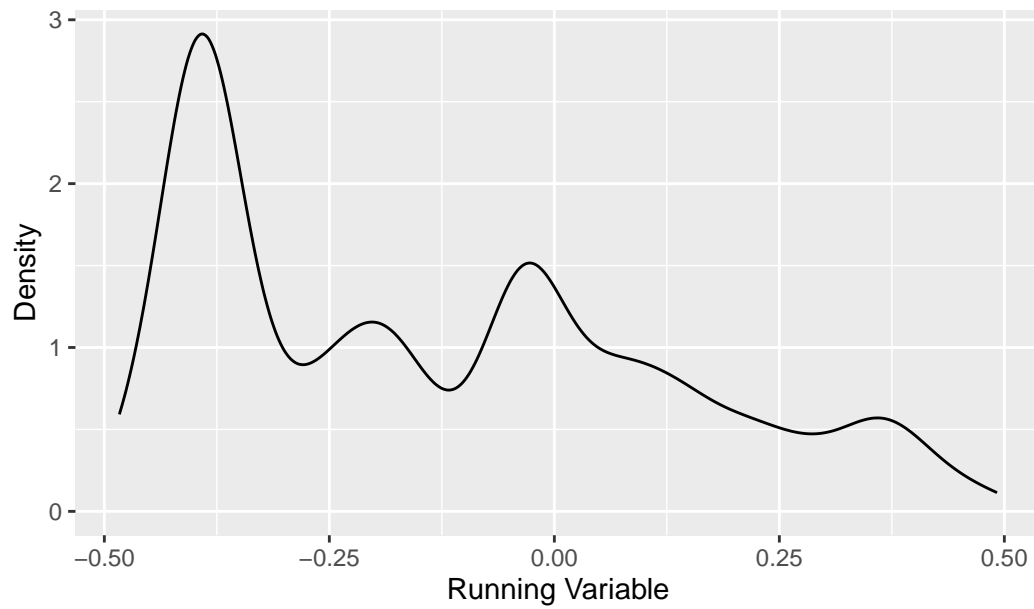Having trouble extracting the coefficients because they are appearing as NA

#Question 7

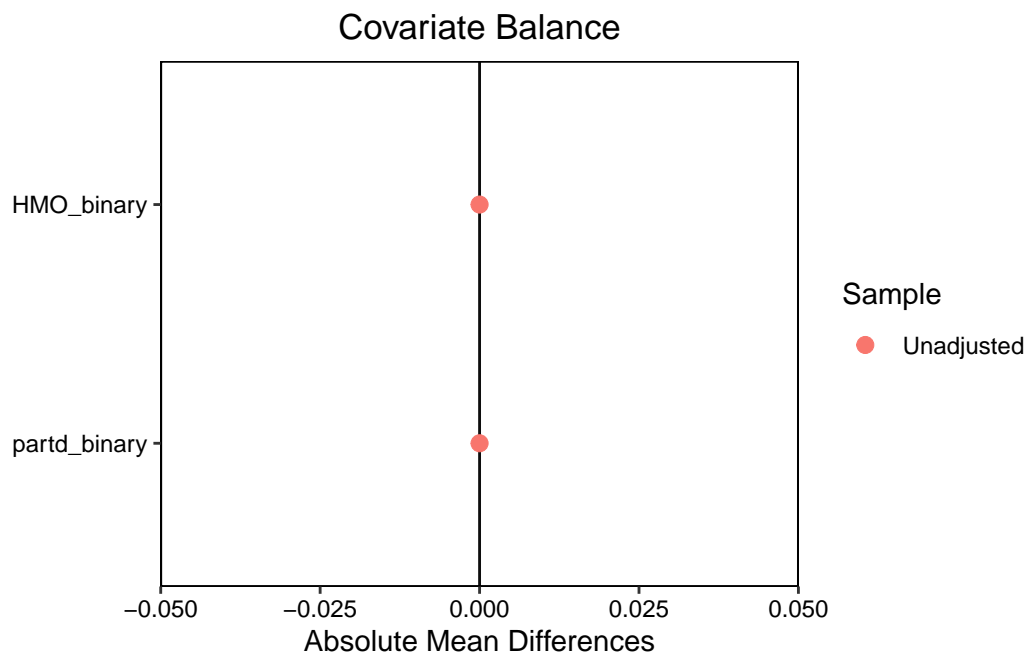I'm running into getting NA values for all the estimate coefficients

Density Plot of Running Variable Around Threshold 2.5

Density Plot of Running Variable Around Threshold 3

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#Question 9

Covariate Balance

#Question 10 I'm assuming that the effect of increasing a star rating will lead to an increase in enrollments. At this point, I am unable to confirm with the findings from 5-9 as I have not fully organized those results.