

Homework 4 - Research in Health Economics

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1 Summarise the Data

1.1 Question 1

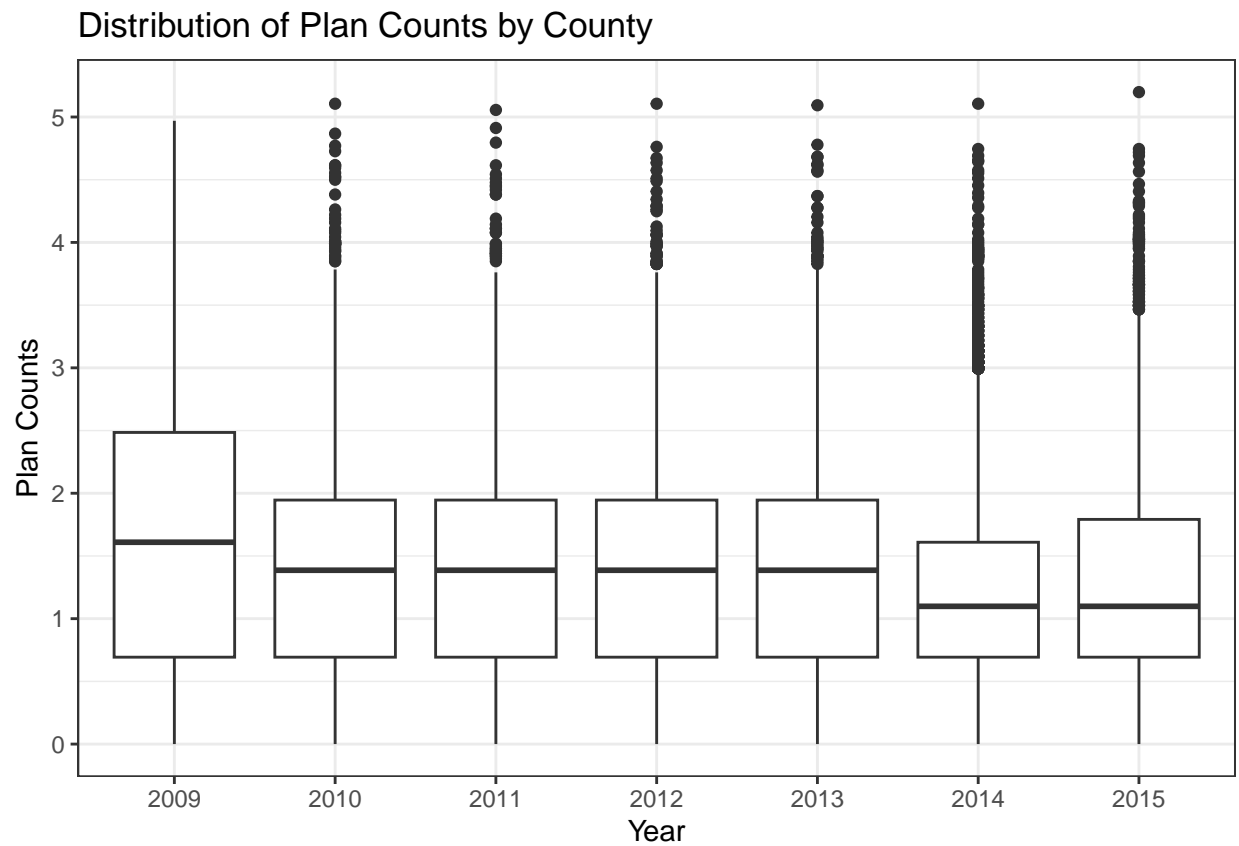


Figure 1: (#fig:plan.count.fig)Distribution of Plan Counts by County

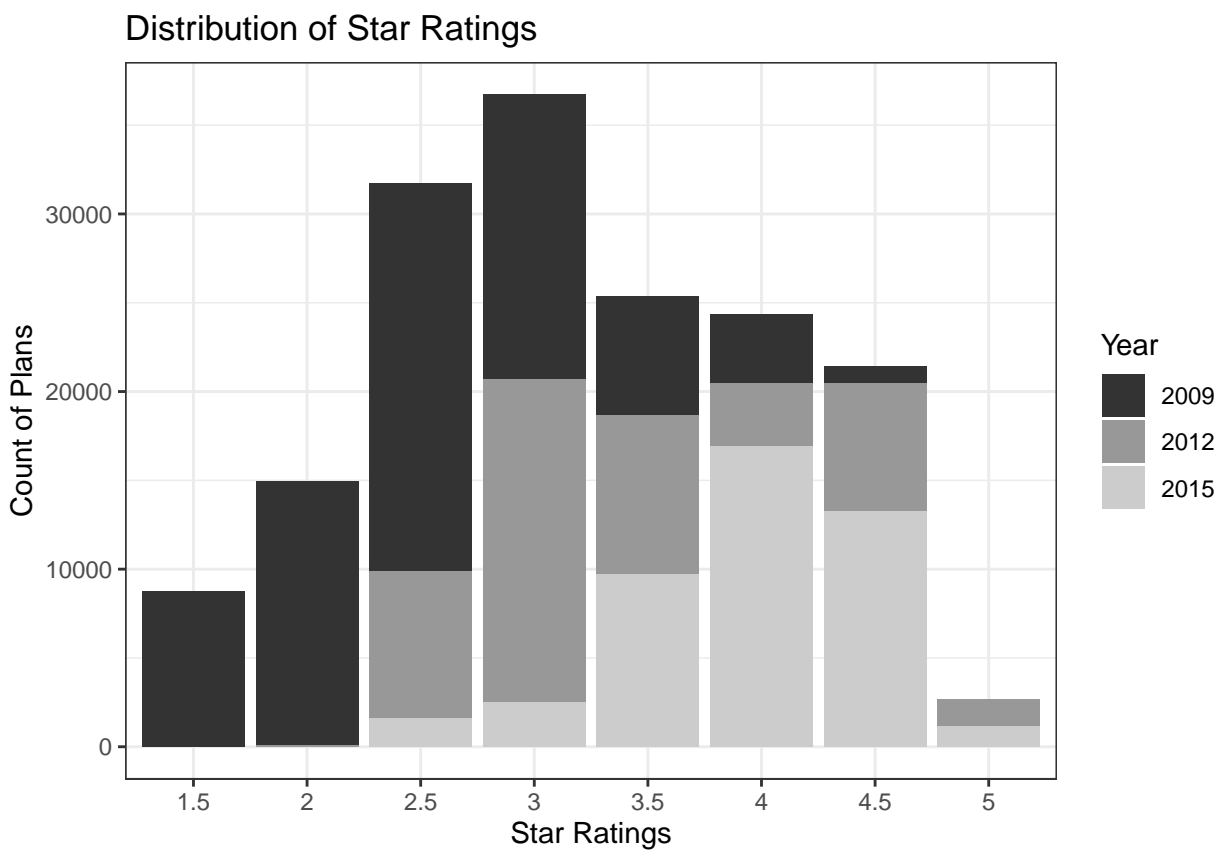


Figure 2: (#fig:ratings.fig)Distribution of Star Ratings (2009, 2012 & 2015)

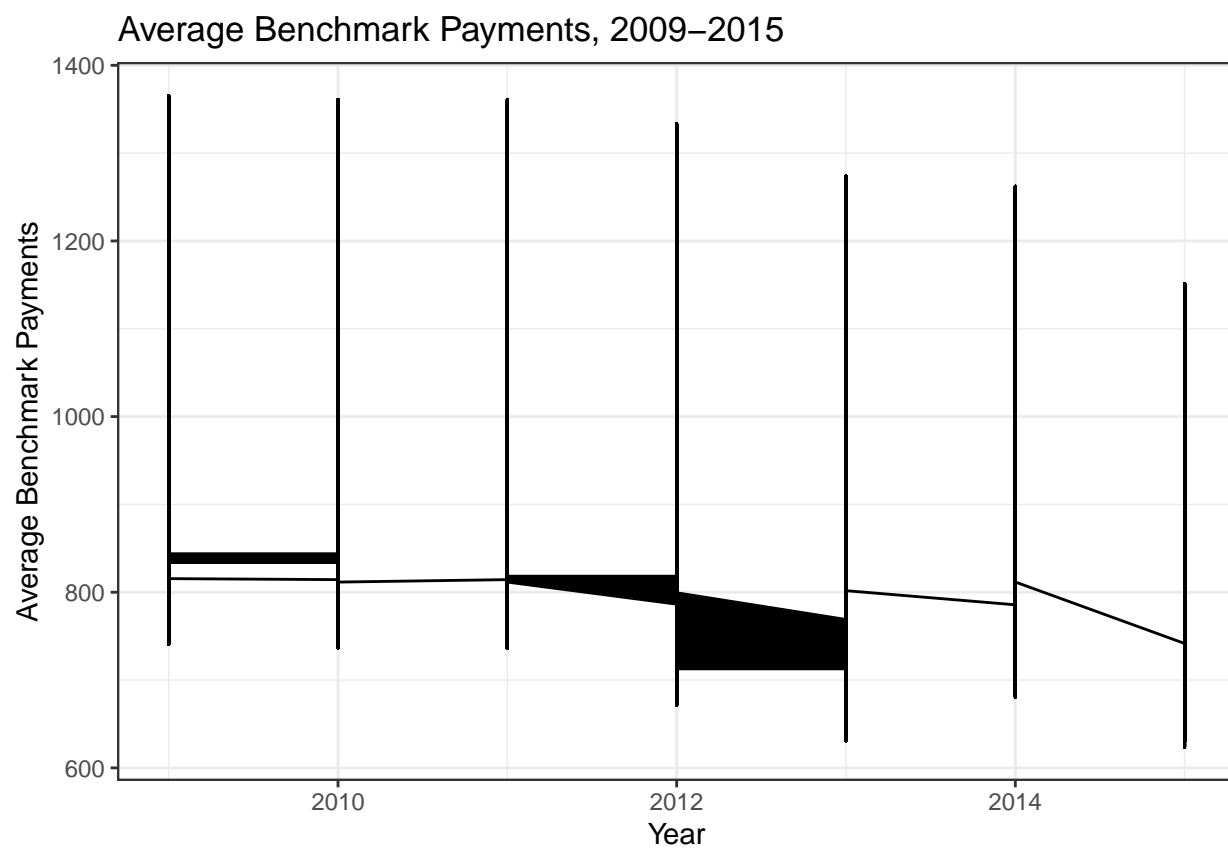


Figure 3: (#fig:bench.fig)Average Benchmark Payments, 2009-2015

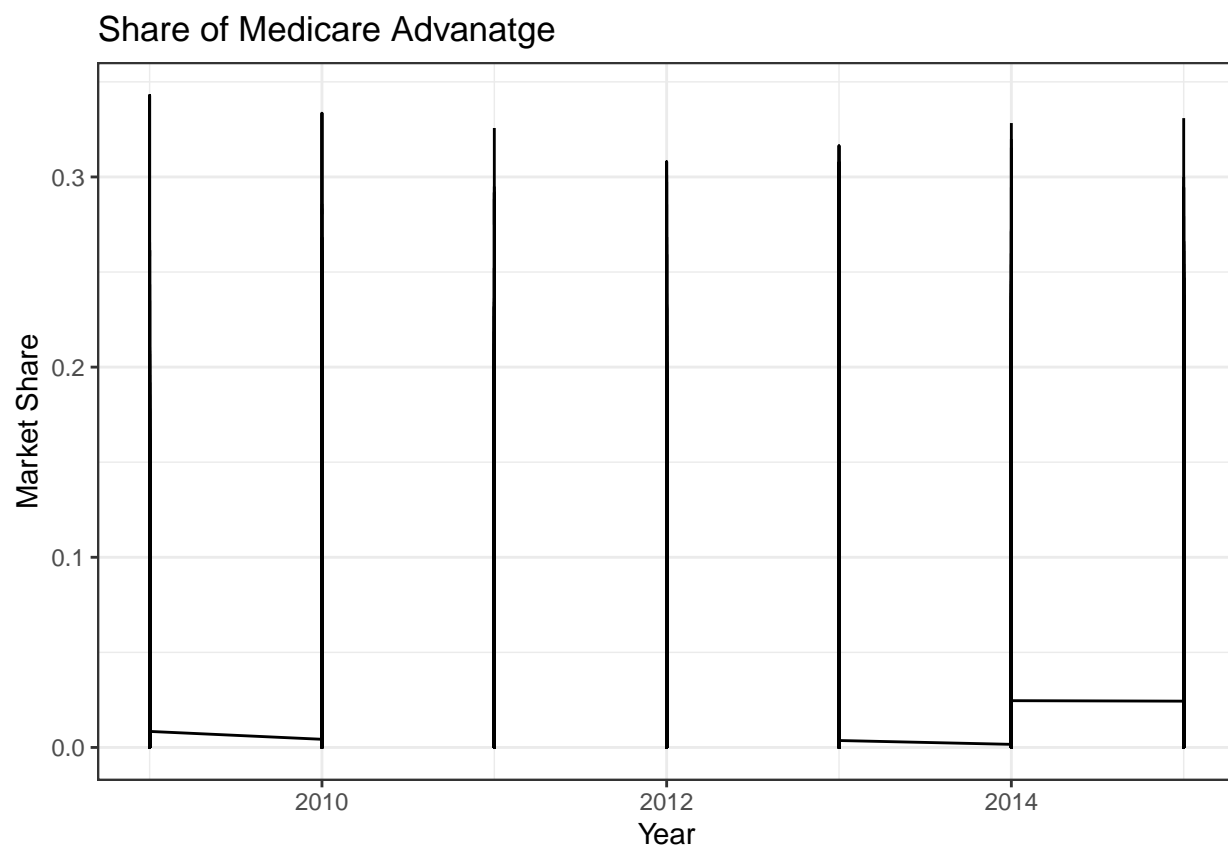


Figure 4: (#fig:share.fig)Share of Medicare Advanatge, 2009-2015

Table 1: Number of Plans

Star Rating	Average Indicator
1.5	0.0006846
2.0	0.0409522
2.5	0.3170709
3.0	0.7502031
3.5	0.6910838
4.0	0.7773206
4.5	1.0000000

1.2 Question 2

1.3 Question 3

1.4 Question 4

2 Estimate ATE

2.1 Question 1

2.2 Question 2

Cannot use model summary to display table as it gives an error

2.3 Question 3

Not sure how to display all the regression results in one graph

2.4 Question 4,5,6

Need to plot graphs to answer these questions and I was unable to figure out how to plot them