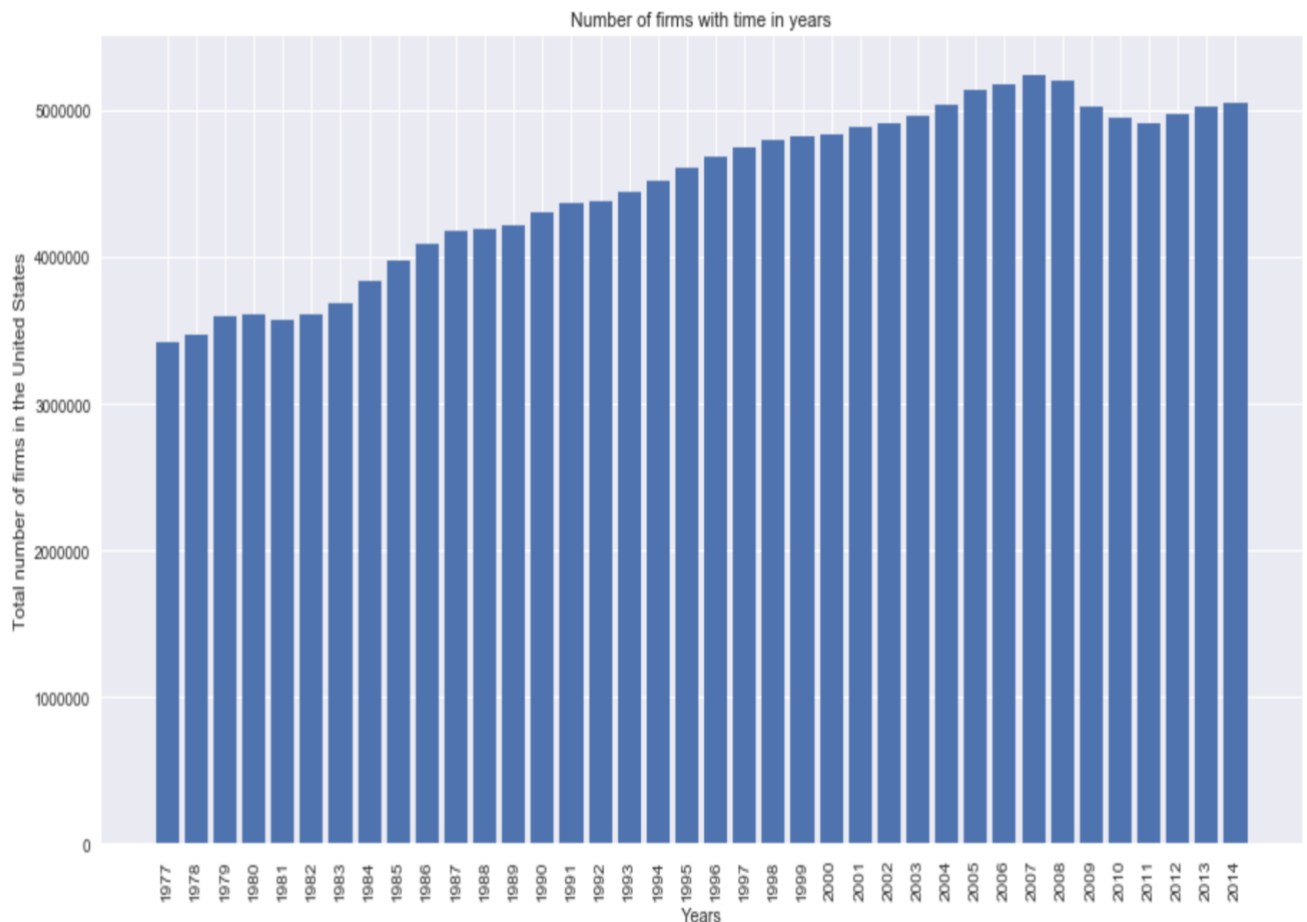


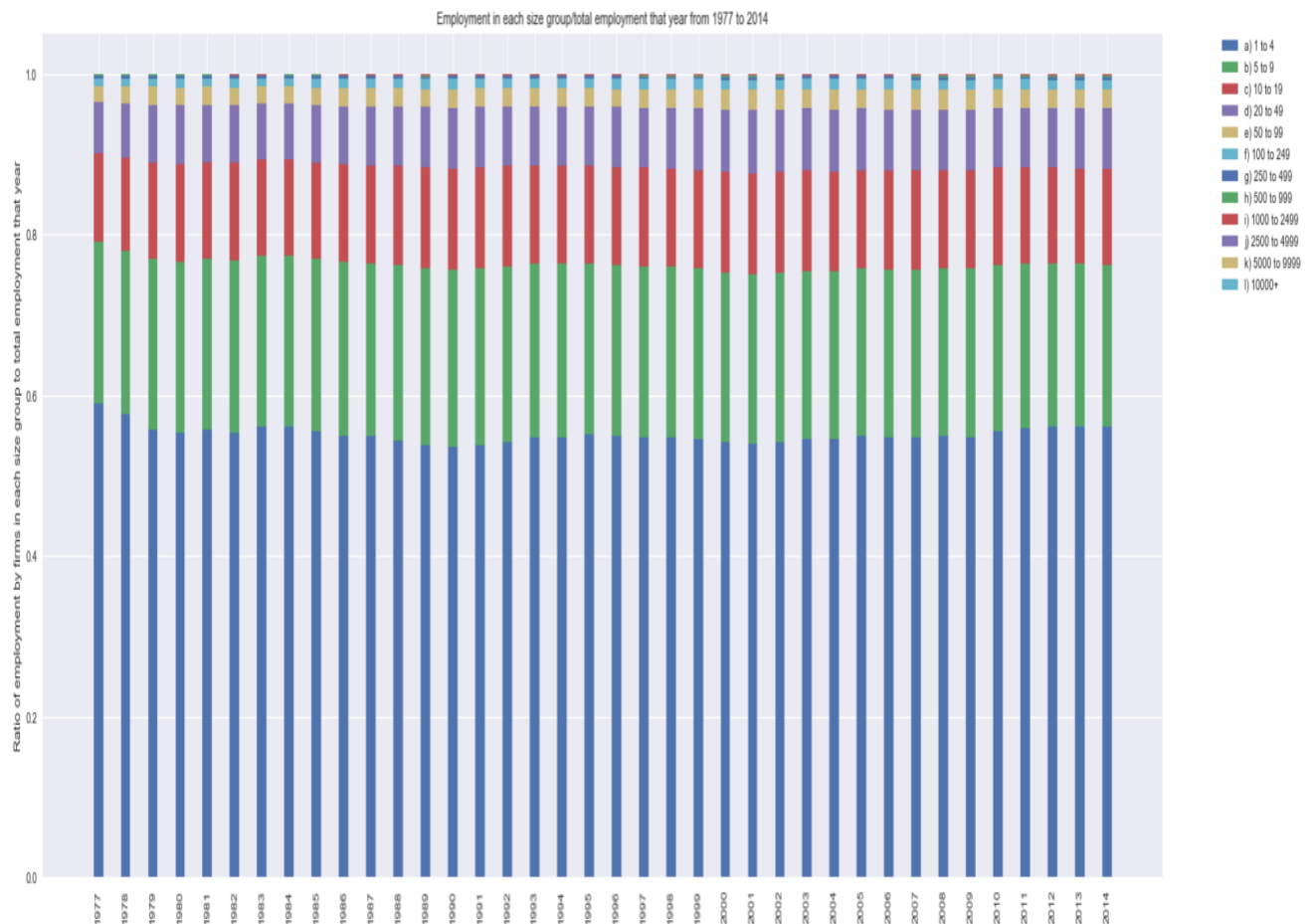
Columbia Business School, Graduate Research Assistant Task
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Plot-1:



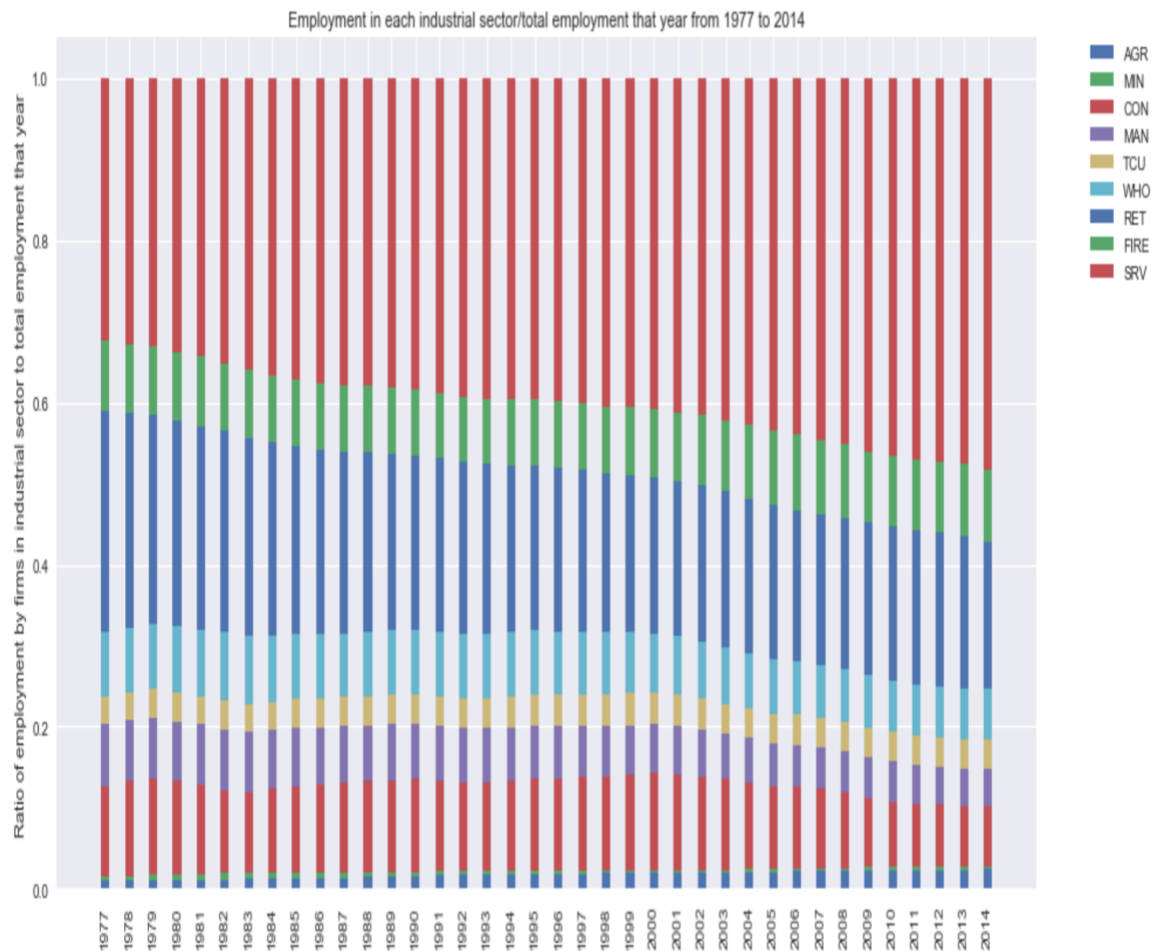
Inference from the above plot: The total number of firms in the United States increased from 1977 to 2007. There was a drop in the total number of firms from 2008-2011, which makes sense because there was a financial crisis in the United States during that period. The total number of firms started increasing again from 2011 which indicates that the economy started recovering and stabilising again.

Plot-2:



Inference from the above plot: The employment as compared to the total employment in size group '1 to 4' and '5 to 9' decreased in the beginning and then became constant. Overall, we see that the employment as compared to the total employment in each size group has remained constant with time.

Plot-3:



Inference from the above plot: The employment as compared to the total employment for the 'AGR', 'MIN', 'TCU', 'WHO' and 'FIRE' sector has almost remained constant over time. For 'CON' sector it increased, remained constant and then started decreasing. For the 'RET' sector it has been constantly decreasing and for the 'SRV' sector it has been constantly increasing over time.

Inference from the Difference in Difference Analysis:

1. Maximum number of states implemented inter-state deregulation between the year 1985 and 1988.
2. For firm size less than 50, the inter-state deregulation had a year-on-year positive effect of about 1-2%.
3. For firm size between 50 and 500, the inter-state deregulation had a year-on-year positive effect of about 2-4%.
4. For firm size between 500 and 1000, the inter-state deregulation did not show significant year-on-year effect during 1985 and 1986.
5. For firm size between 1000 and 10000, the inter-state deregulation had a small year-on-year negative effect.
6. For firm size above 10000, the inter-state deregulation had a small year-on-year positive effect.
7. For firm size less than 50, the inter-state deregulation had positive effect of about 5-10% on average between 1985 and 1987.
8. For firm size between 50 and 500, the inter-state deregulation had a positive effect of about 8-12% on average between 1985 and 1987.
9. For firm size between 500 and 1000, the inter-state deregulation had a positive effect of around 5% on average between 1985 and 1987.
10. For firm size between 1000 and 10000, the inter-state deregulation had a negative effect of around 3-4% on average between 1985 and 1987.
11. For firm size above 10000, the inter-state deregulation had a positive effect of around 4% on average between 1985 and 1987.