Unemployment in the US

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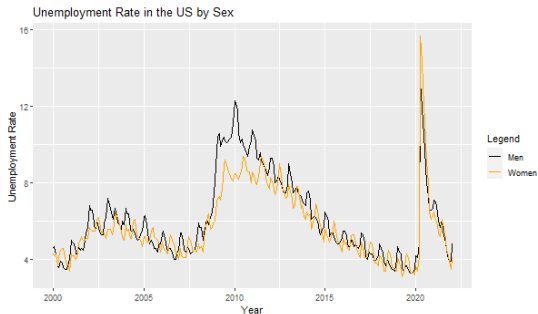
Outline

1. Results
   - Introduction
   - Graphs
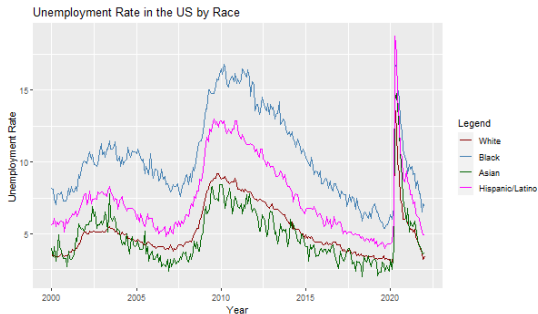   - Regression

Unemployment Rates in the US

We will investigate unemployment rates in the US since 2000. We will investigate unemployment rates by sex, race, and then by education level.
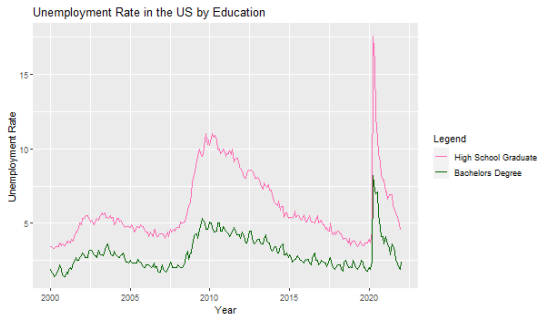
Unemployment Rate Graph

Unemployment Rate in the US by Sex

- Unemployment spikes in 2020 and 2008
- 2008 men's rates are higher, in 2020 women's rates are higher

Race

Unemployment Rate in the US by Race

- In 2020, Hispanic/Latino unemployment rate is highest
- White and Asian unemployment rates are lower

Education

- In 2020, only high school education unemployment rate is over double Bachelors degree holders'.

Summary Stats

Table:

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Unemployment Rate	265	5.952	1.958	3.300	4.500	7.000	14.400
White	265	5.272	1.810	3.000	4.000	6.100	14.100
Black	265	10.342	2.949	5.400	8.200	12.100	16.800
Hispanic/Latino	265	7.519	2.617	4.000	5.600	8.800	18.800
Asian	265	4.847	1.943	2	3.4	5.9	15
High School Graduate	265	5.997	2.286	3.300	4.400	7.300	17.600
Bachelors Degree	265	2.980	1.087	1.400	2.200	3.600	8.200
Men	265	6.134	2.139	3.300	4.600	7.200	13.300
Women	265	5.748	1.840	3.100	4.400	6.500	15.700

Regression

	(1)	(2)
	Dependent variable:	
	Unemployment Rate	
White	1.07***	0.76***
	(0.01)	(0.07)
Black		0.13***
		(0.02)
Asian		0.10***
		(0.02)
Hispanic/Latino		0.01
		(0.05)
Constant	0.33***	0.05
	(0.06)	(0.07)
Observations	265	265
R^2	0.97	0.98
Note:	*p<0.1; **p<0.05; ***p<0.01	