



Impact of Demographics on Marriage and Divorce

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Methods

- Logistic regression model for each decade
- Extracted coefficients for each model
- Plotted coefficients over time

Marriage

Year	Score
1960	0.70
1970	0.68
1980	0.67
1990	0.68
2000	0.69
2010	0.68
2020	0.65

Divorce

Year	Score
1960	0.98
1970	0.98
1980	0.95
1990	0.94
2000	0.92
2010	0.91
2020	0.91

Questions:

- What is the impact of various demographic factors on US marriage rates over time?
- How about for divorce?
- Can we determine the relative influence of such factors?

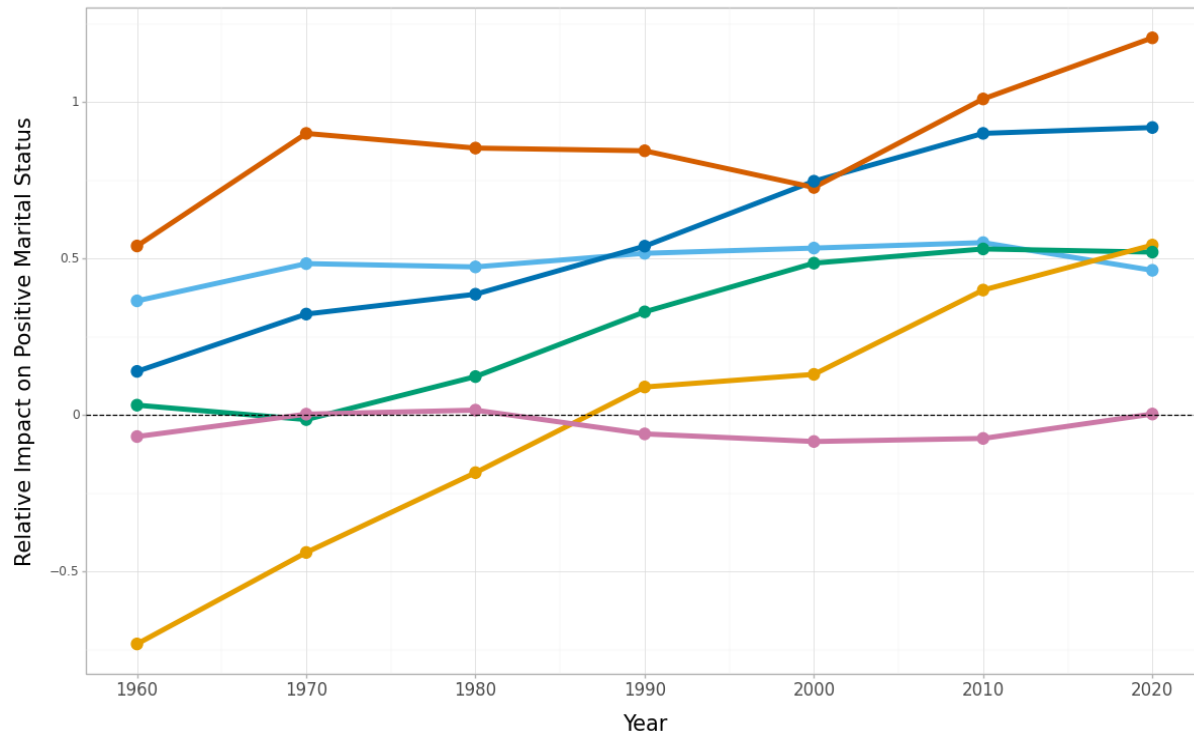
Potential Demographics:

- Gender, race, veteran status, education, income level, geo-locality

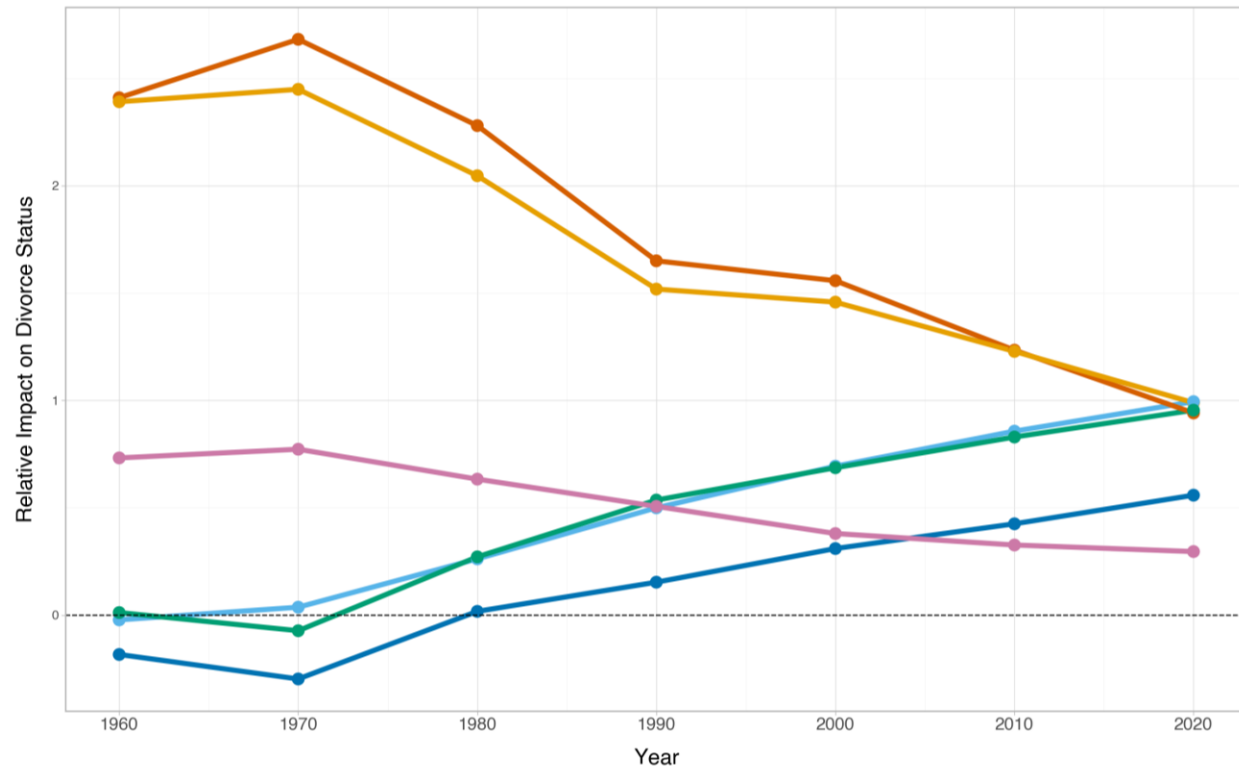
Hypotheses:

- Both marriage and divorce rates will change over time with respect to changing societal demographics.
- Income and education will have the largest impact.

Relative Impact of Certain Demographic Factors on Marital Status Over Time



Relative Impact of Certain Demographic Factors on Divorce Status Over Time



Demographic

- Finished High School
- Some College
- Finished College
- High Income
- Medium Income
- Is Female

Key Takeaways

	Marriage	Divorce
Income	Larger impact	Larger impact
Education	Increasing impact	Increasing impact
Gender	Limited	Decreasing impact