

Top 20 words in 1980:

0.019662 <= soviet
0.008545 <= 1980
0.008286 <= oil
0.008023 <= ve
0.008000 <= afghanistan
0.005398 <= persian
0.005000 <= israel
0.004397 <= hostages
0.003819 <= superpowers
0.003763 <= iran
0.003662 <= gasoline
0.003567 <= middle
0.003560 <= nuclear
0.003557 <= unwarranted
0.003491 <= olympic
0.003447 <= m
0.003437 <= challenge
0.003287 <= pakistan
0.003259 <= strategic
0.003171 <= challenges

I guess this lecture is mainly about the Cold War since words like Soviet, oil and superpower have higher scores than others. The top 2 word "1980" seems irrelevant to the main idea of this speech. "1980" has higher score because it may only appear in this speech with a high frequency. We can also see names of other nations here, like Israel, Iran and Afghanistan, which were unrest during that time. I guess the speech also shows the concern over international hazards and the resolution to solve them.

Words change from 1900 to 2010:

1900~1909:

0.016381 <= interstate
0.015944 <= corporations
0.013943 <= islands
0.013528 <= forest
0.011537 <= panama
0.011374 <= canal
0.010598 <= 1900
0.010443 <= isthmus
0.010409 <= man
0.010290 <= 1899
0.009784 <= philippine
0.009058 <= philippines

0.008358 <= hague
0.008349 <= bureau
0.008301 <= industrial
0.008059 <= standpoint
0.008035 <= conference
0.007916 <= conditions
0.007776 <= tariff
0.007576 <= corporation

1910~1919: no 1910 and 1911

0.037287 <= 00
0.021879 <= -
0.017565 <= 1911
0.013639 <= interstate
0.012835 <= railways
0.011118 <= processes
0.010065 <= upon
0.009976 <= eight-hour
0.009361 <= arbitration
0.009342 <= unrest
0.009087 <= tasks
0.009014 <= 1912
0.008928 <= 1910
0.008766 <= railroads
0.008674 <= german
0.008633 <= porto
0.008544 <= industrial
0.008293 <= programme
0.007916 <= counsel
0.007730 <= debatable

1920~1929:

0.025098 <= 000
0.013080 <= marketing
0.011447 <= method
0.011325 <= reclamation
0.011272 <= veterans
0.010421 <= ought
0.010289 <= agriculture
0.010053 <= farmer
0.009714 <= freight
0.009509 <= interstate
0.009479 <= cent

0.009452 <= problem
0.008765 <= cooperative
0.008748 <= conference
0.008512 <= agricultural
0.008457 <= storage
0.008433 <= 1920
0.008418 <= court
0.008312 <= per
0.008282 <= economic

1930~1939:

0.048415 <= -
0.040830 <= 0
0.029777 <= 1933
0.026455 <= 1932
0.023259 <= recovery
0.022629 <= 1928
0.020558 <= democracy
0.019626 <= 1931
0.016576 <= economic
0.016023 <= depression
0.015976 <= banks
0.015901 <= unemployment
0.015788 <= industrial
0.014302 <= 000
0.013736 <= relief
0.013433 <= autocracy
0.012840 <= 67
0.012408 <= unemployed
0.012166 <= 66
0.012110 <= 1930

1940~1949:

0.028071 <= 1942
0.024054 <= 1947
0.021408 <= japanese
0.021224 <= 1946
0.019980 <= program
0.019951 <= hitler
0.018403 <= fighting
0.017851 <= production
0.017042 <= economic

0.015245 <= today
0.015014 <= planes
0.014719 <= housing
0.014640 <= 1945
0.014586 <= axis
0.014488 <= democratic
0.014289 <= cannot
0.014266 <= 1943
0.013515 <= 1944
0.012981 <= victory
0.011643 <= million

1950~1959:

0.031673 <= communist
0.029260 <= program
0.028579 <= economic
0.026888 <= soviet
0.026450 <= atomic
0.019660 <= programs
0.015203 <= korea
0.014510 <= aggression
0.014231 <= today
0.012876 <= strength
0.012803 <= help
0.012579 <= weapons
0.012354 <= communists
0.012015 <= threat
0.011594 <= peoples
0.011427 <= budget
0.011337 <= world
0.011280 <= cannot
0.011180 <= collective
0.011115 <= farm

1960~1969:

0.037109 <= vietnam
0.029039 <= billion
0.024046 <= tonight
0.022496 <= help
0.021250 <= communist
0.020476 <= program
0.019899 <= programs
0.019607 <= percent

0.017336 <= 1953
0.017100 <= million
0.014876 <= today
0.014619 <= americans
0.014535 <= alliance
0.013350 <= budget
0.013031 <= nuclear
0.012920 <= 1964
0.012013 <= poverty
0.011980 <= economic
0.011690 <= cannot
0.011661 <= soviet

1970~1979:

0.030032 <= programs
0.028074 <= inflation
0.025530 <= 1973
0.024567 <= americans
0.022530 <= tonight
0.020694 <= spending
0.020095 <= today
0.020032 <= jobs
0.019762 <= ve
0.019707 <= nuclear
0.018785 <= budget
0.018523 <= oil
0.018077 <= vietnam
0.017902 <= percent
0.017564 <= 1975
0.017495 <= program
0.017461 <= 1974
0.017432 <= goals
0.017257 <= billion
0.016974 <= america

1980~1989:

0.054209 <= ve
0.048155 <= re
0.039477 <= tonight
0.038463 <= soviet
0.031888 <= t
0.026177 <= 1980
0.024831 <= budget

0.023774 <= s
0.022702 <= ll
0.022043 <= spending
0.021993 <= m
0.020744 <= programs
0.019580 <= america
0.018443 <= let
0.017350 <= economic
0.016741 <= help
0.016533 <= deficits
0.016072 <= afghanistan
0.015936 <= percent
0.015677 <= nuclear

1990~1999:

0.044712 <= tonight
0.044621 <= t
0.043602 <= re
0.033962 <= ve
0.026097 <= jobs
0.024989 <= s
0.024701 <= americans
0.023140 <= parents
0.021474 <= children
0.020259 <= help
0.020106 <= budget
0.019943 <= ll
0.019161 <= challenge
0.019138 <= don
0.018498 <= 21st
0.017463 <= let
0.017219 <= today
0.017049 <= child
0.016839 <= know
0.016724 <= kids

2000~2009:

0.064243 <= iraq
0.063430 <= terrorists
0.050391 <= tonight
0.037579 <= iraqi
0.037446 <= terror
0.035500 <= terrorist

0.031295 <= afghanistan
0.029569 <= al
0.029243 <= americans
0.025593 <= help
0.024064 <= saddam
0.022727 <= medicare
0.022572 <= america
0.022140 <= hussein
0.020441 <= regime
0.019543 <= budget
0.019439 <= iraqis
0.019398 <= weapons
0.019274 <= ve
0.019267 <= jobs

The top 20 terms in every decade since 1900 are almost the keywords of what happened during that decade. They reflect the change of concerns over time.

In 1900s, the top 20 terms include interstate and cooperations. This is a period before World War I. How to relieve the tension between countries seems to be the most important thing.

In 1910s, however, the top 20 words seem odd to me. It is a period when World War I happened, I don't see any related words in the list. Instead, some words that indicate little appear, like 1911, processes and upon. It may be because America didn't join World War I, so speeches during that time maybe more about labour legislation.

In 1920s, the top 20 words include marketing and reclamation which indicates the concern was switched to economy.

For 1930s, actually the top 20 words are poorly generated. But we can still see words like recovery and depression. 1930s is exactly when Great Depressions took place.

In 1940s, the top 20 words include Japanese and Hitler, both are enemies of America during World War II.

For 1950s, the top 20 words include communist and Korea. It is simply because Korean War begins during that time.

In 1960s, the top 1 word is Vietnam. Maybe the biggest concern over that time is Vietnam War.

In 1970s, the top 20 words are bizarre. We can not really see anything from them.

In 1980s, the top 20 words include Soviet, which indicates the tension between America and Russia.

In 1990s, lots of useless words appear in the list, like tonight, ve, te, etc. I think it is because speech became longer during that time.

In 2000s, Iraq and terrorist appear in the top 20 words since America's suffered from terrorism attack since that time.