

# An Inconvenient Exploration on Climate Conversation

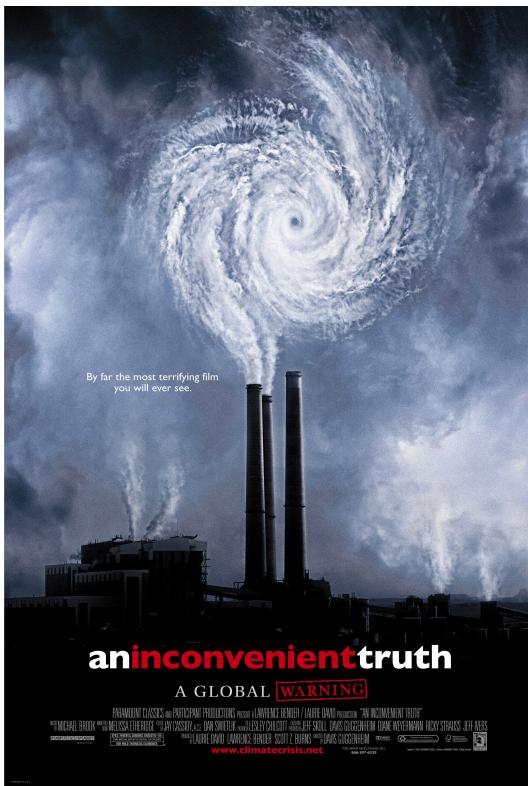
*A look at An Inconvenient Truth and An Inconvenient Sequel*

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November 15, 2019

# An Inconvenient Exploration

Inconvenient Truth - 2006



Inconvenient Sequel - 2017



# 7 topics

## Problem

**Global Warming**

Pollution

Drought

Storm

Flooding

Causes

**Climate Crisis**

Paris

Solve

Scientists

Climate Change

Environmental

## Impact

**Earth**

Picture

Planet

Sun

Atmosphere

Apollo

**Ice**

Ocean

Floating

Shelf

Arctic

Glacier

## Solution

**Movement**

Environmental

Picture

Moral

Solve

Crisis

**Solar**

Wind

Electricity

Paris

Utility

Ocean

**Global warming** is the long-term heating of Earth's climate system observed since the pre-industrial period (between 1850 and 1900) due to human activities, primarily fossil fuel burning, which increases heat-trapping greenhouse gas levels in Earth's atmosphere.

Google global warming

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Temperature Change in the Last 50 Years  
2014-2018 average vs 1951-1980 baseline  
-2°C -1°C 0°C +1°C +2°C

The Greenhouse Effect

Global Warming vs. Climate Change ...  
climate.nasa.gov

Global Warming and Violent Behavior ...  
psychologicalscience.org

Global warming - Wikipedia  
en.wikipedia.org

Causes | Facts – Climate Change: Vital ...  
climate.nasa.gov

Global Warming - Woods Hole ...  
whoi.edu

Scientists: Time running short before ...  
abcnews.go.com

UN warns rapid, unprecedented change ...  
cnbc.com

Greenhouse Effect | National Geog...  
nationalgeographic.org

**Climate change** is a long-term change in the average weather patterns that have come to define Earth's local, regional and global climates.

Google climate change

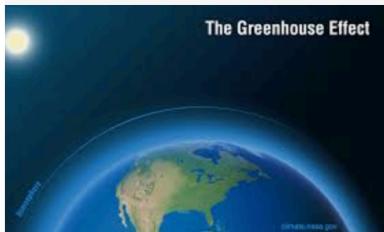
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Effects | Facts – Climate Change: Vital ...  
climate.nasa.gov



Mitigation and Adaptation | Solutions ...  
climate.nasa.gov



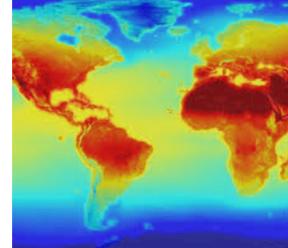
Causes | Facts – Climate Change: Vital ...  
climate.nasa.gov



State of the Climate in 2018 sh...  
public.wmo.int



As the World Heats Up, the Climate for ...  
nytimes.com



Climate change (extreme risks) - ...  
80000hours.org



Why Your Brain Can't Process Climate ...  
time.com



What is climate change? - David Suzuki ...  
davidsuzuki.org

# Global Warming vs. Climate Change

Topic 3

globalwarming, pollution, drought, storm, flooding, causes, scientific, arctic, yes, stronge  
r, coal, scientists, storms, oceans, paris, truth, science, massive, cities, effect, pattern,  
moral, brings, maybe, heat, hottest, friend, temperature, reasons, worldwide, electricity, la  
yer, atmosphere, downpour, conditions, sir, puts, sea, warm, greenland, theyve, warmer, what  
s, training, atlantic, consequences, ocean, cap, natural, alltime

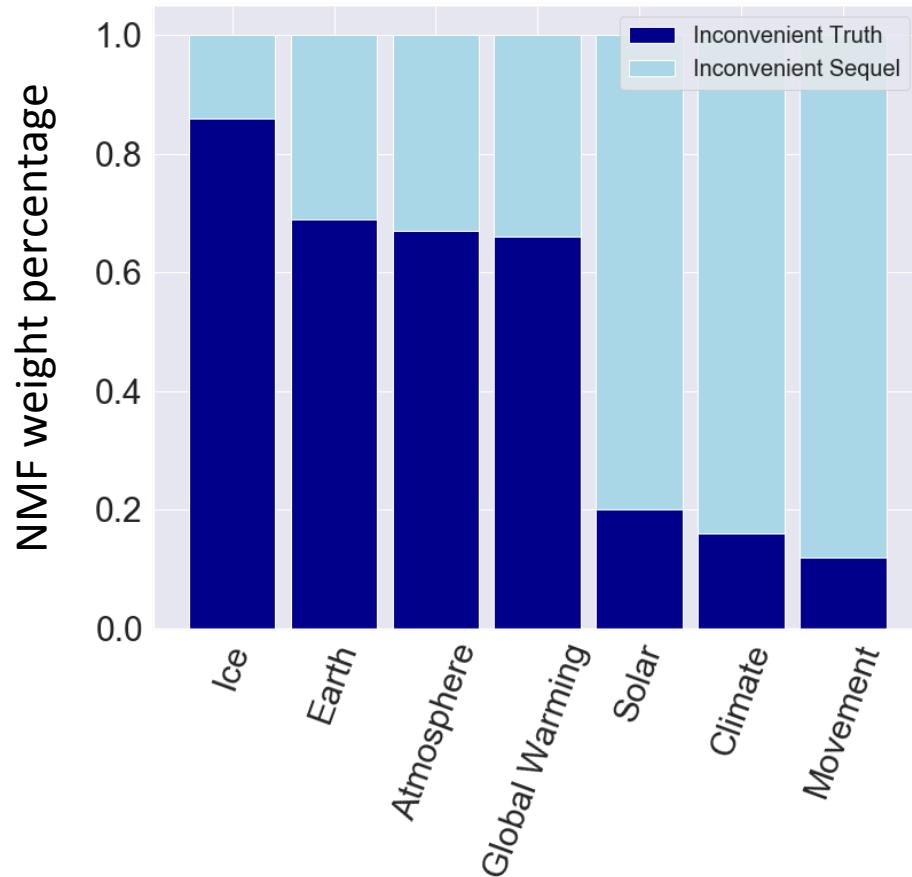
“I say canary in the coal mine because the arctic is one of the two regions of the  
world that is experiencing faster impacts from global warming.”

Topic 4

climate, crisis, paris, solve, solving, scientists, climatechange, environmental, agreement,  
yes, weve, deep, speak, earths, balance, nations, despair, storm, moral, zero, gas, stuff, oi  
l, heat, training, democracy, coal, conditions, satellite, caused, sort, pattern, planet, tru  
th, layer, hear, fossil, generation, id, accept, downpour, sir, isnt, consequences, greenhouse  
e, orleans, absolutely, emissions, guy, cars

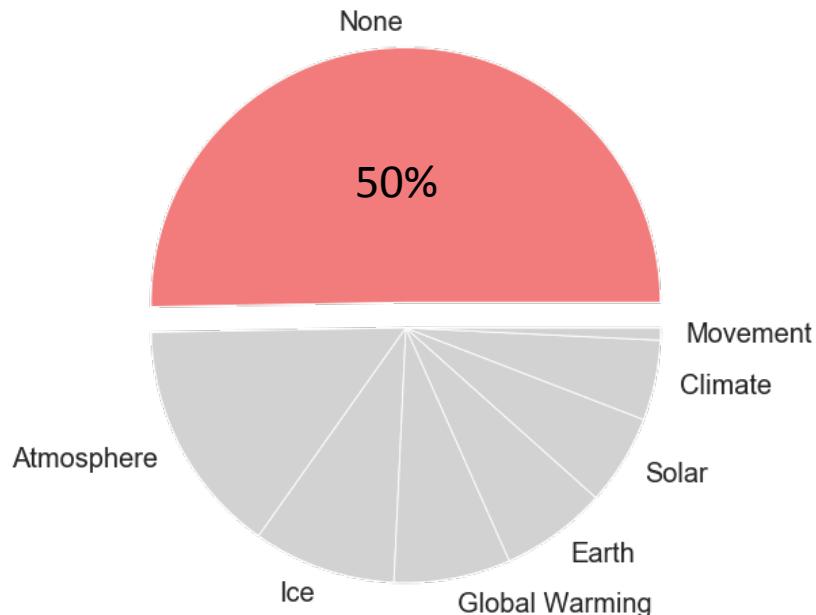
“You know anybody who decides to be a part of helping to solve the climate crisis  
has a constant struggle between hope and despair”

# NMF weight percentages show comparison of how topics are emphasized in both movies

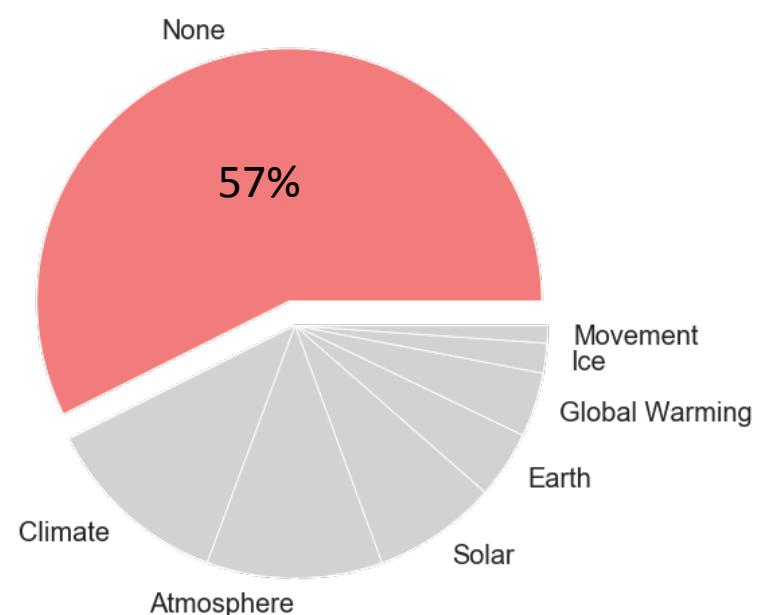


# Most sentences did not have any NMF topic weights

**Inconvenient Truth**

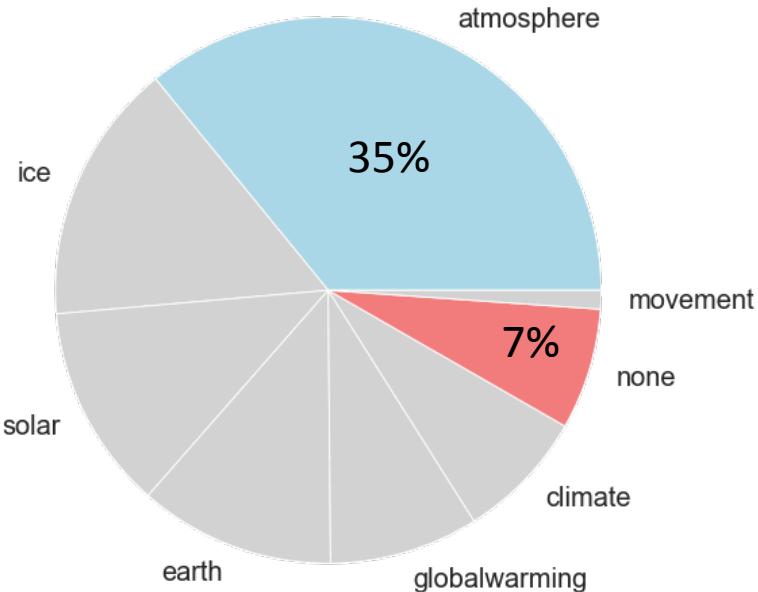


**Inconvenient Sequel**

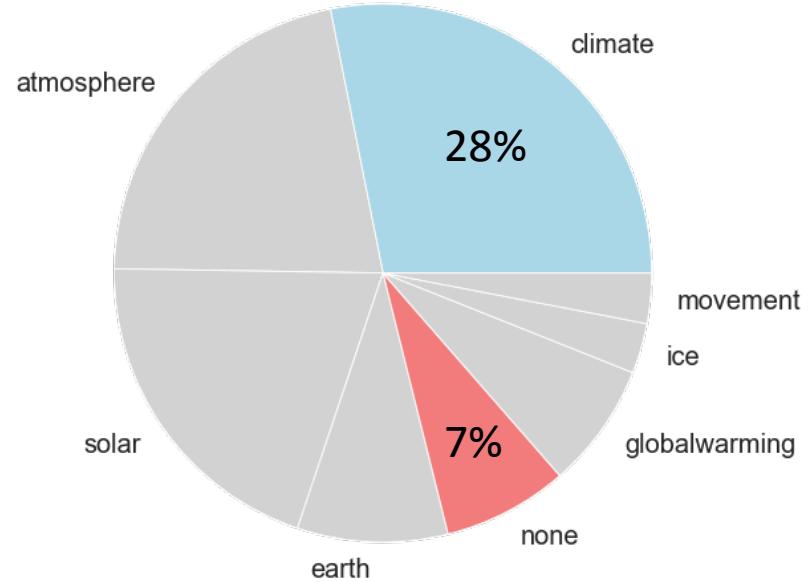


# Sentence “smoothing” reduced the number of non-topic sentences

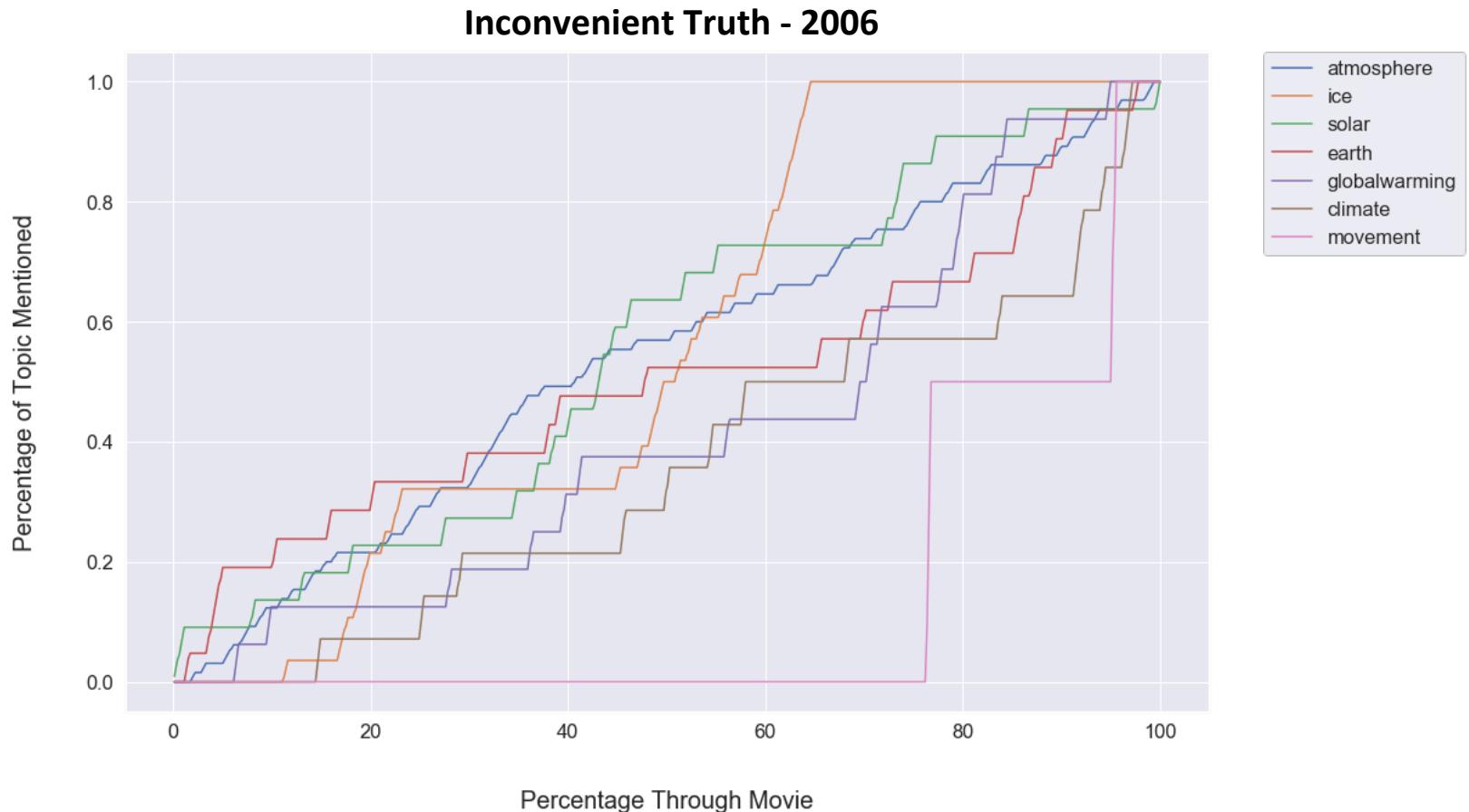
Inconvenient Truth



Inconvenient Sequel

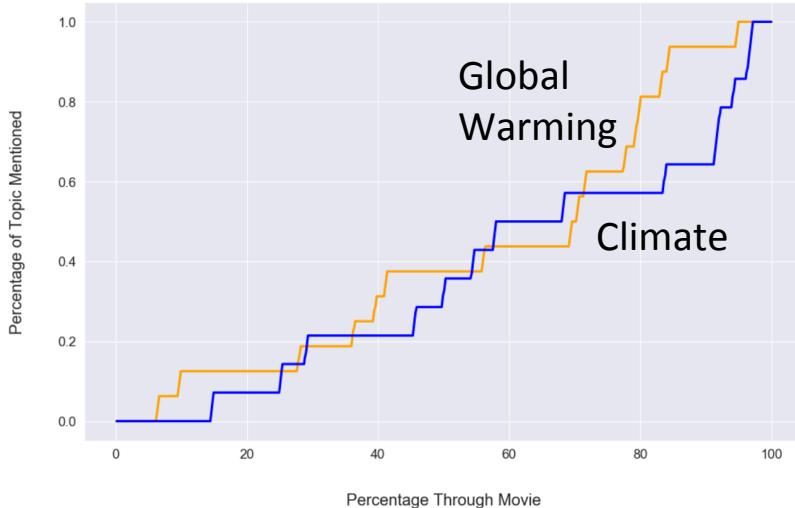


# When are topics discussed throughout the movie?

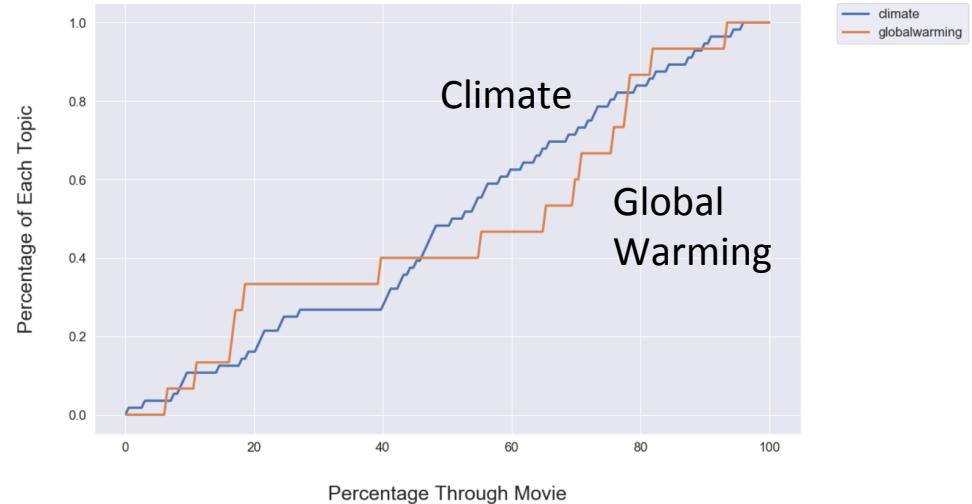


# Problem Topics: Climate, Global Warming

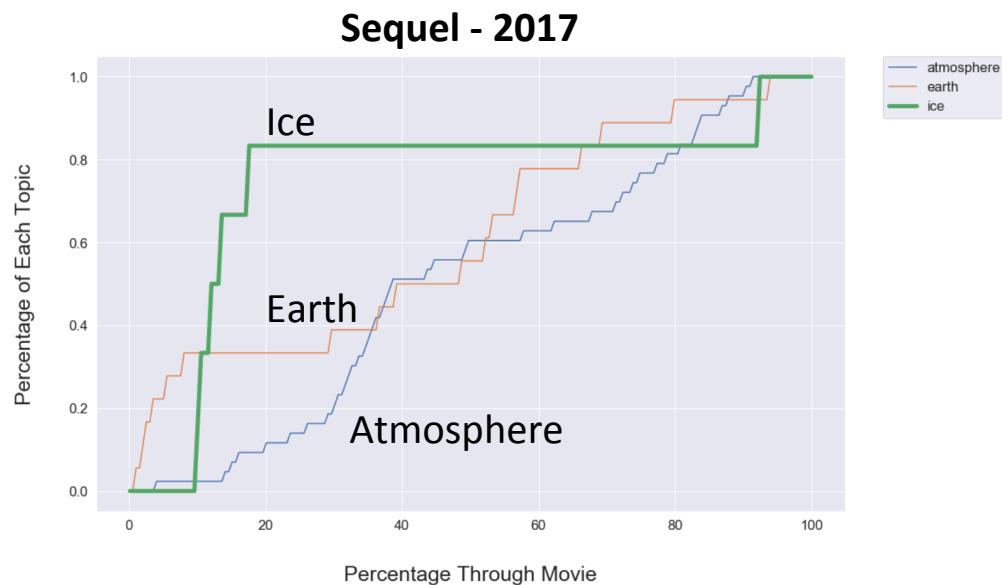
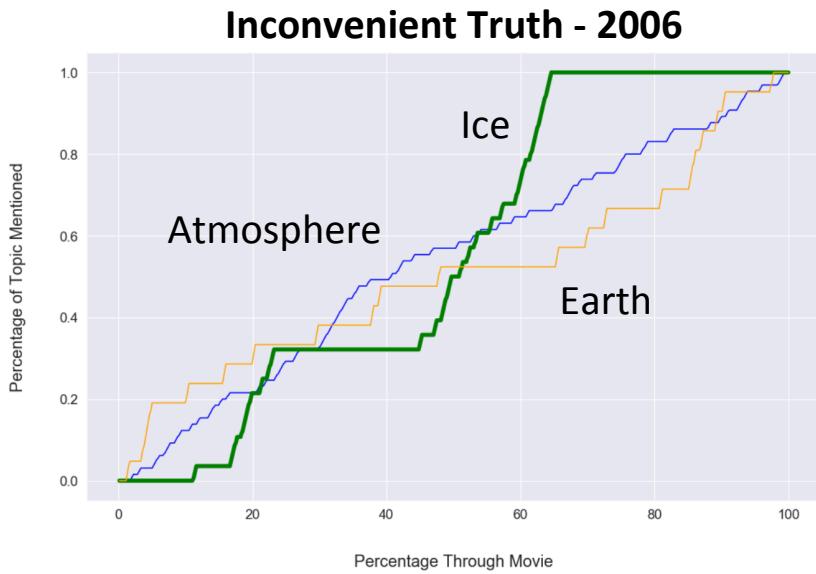
Inconvenient Truth - 2006



Sequel - 2017

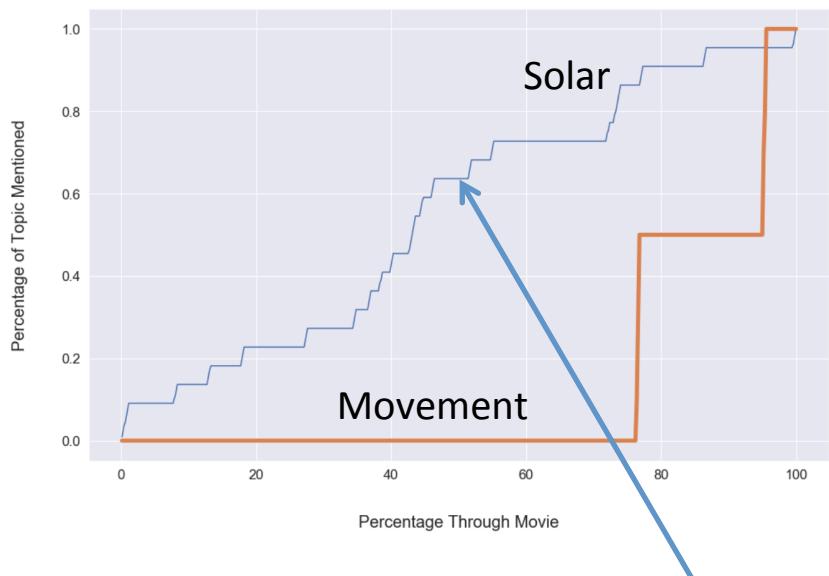


# Impact Topics: Atmosphere, Earth, Ice

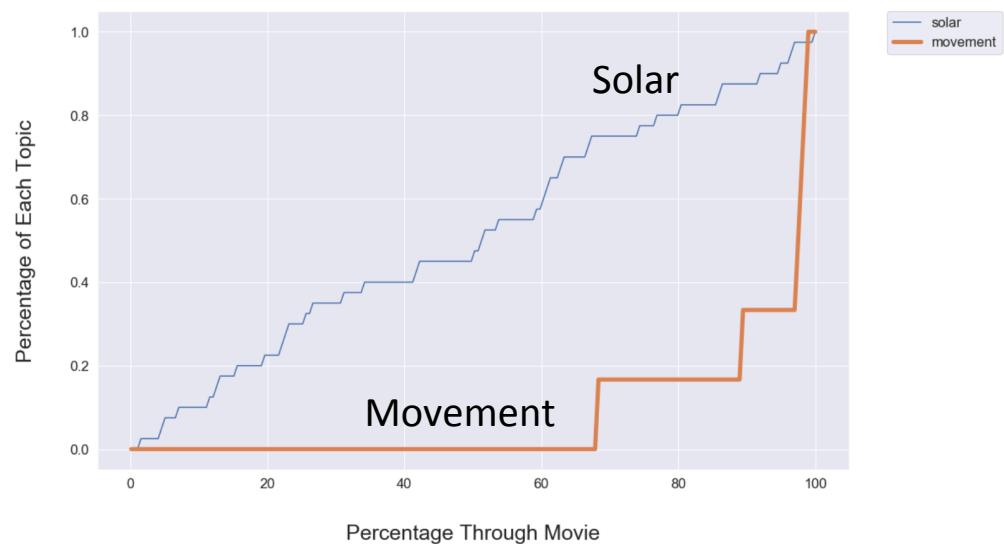


# Solution Topics: Solar, Movement

Inconvenient Truth - 2006



Sequel - 2017



More than 60% of the topic  
of solar was discussed in first  
half of movie

# Conclusions

The problem is still the same, even though the name isn't

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Always end your Climate Change talk on a positive note ☺

A wide-angle photograph of a massive solar farm. In the foreground, numerous solar panels are mounted on green grassy hills, their reflective surfaces catching the sunlight. The panels are arranged in long, parallel rows that recede into the distance. In the background, a range of mountains is visible under a bright blue sky dotted with white, fluffy clouds.

Thank you

# Appendix

# Al Gore

Inconvenient Truth - 2006



Inconvenient Sequel - 2017

