# Positive Psychology: Agency \& the History of Human Progress <br> COVID-19 | Women's Literature | African American Progress 

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## Background

## Defining Agency in the Context of Human Progress:

 "Agency" is composed of the conceptual triad of efficacy, optimism, wisibly active for agency to occur. Based on how active these studied subset experiences progress or stagnation.

## Our Research into COIVD-19

analyzed the pattern and trends of word usage within the categories of agency, efficacy, imagination, and optimism. More 2020 and April 2022 ) of March 2020 (peak of COVID-19 outbreak).

## ur Research into Women's Literature

conducted an exploratory analysis into whether agency is ave a definitive hypothesis established, some topics we are interested in exploring include: deciding factors on the popularity of ooks; how agentic/communal word usage changes over time; shifts in genres and contextual causes; the switch from male to female
ur Research into African American Progress:
explored changes in significant markers for human progress ncluding the following: education, income, population, healthcare, and voting.

## Methodology

## COVID-19 Data

This lexicon was created using words from all major US magazines published between January of 2020 and April of 2022. I then cross compared the list with our dictionary of each of the four categories to see the frequency of how many times each word came up. I deeme
ause the data is entrely exploratory, there was no definitive methodology our team used to collect data. We are beginning this process by analyzing the first 20 pages (the exposition) for the top 10 we hope to create a large database of words to test our hypotheses. The list itself ( 1440 books) was created using the criterion below:
US Authors (primary): top 200 books list from goodreads.com and NYT bestsellers list; wrote the book while living in the US or were born in the US; US citizenship was prioritized
Non-US Authors (special case): book hat
significant impact on US culture; book was in a top 10 list
Criterion for non-novel choices: diary/volume/feminist work that provides direct insight into US culture at the time
am still compiling the list, but in total, I have scanned 654 included 2,068,863 words and for women this included $1,780,386$ words. In the results section, I will display some of the preliminary data that my data collection has revealed.

## African American Progress

Because this data is entirely exploratory, there was no definitive methodology we used to collect data. I began this process by analyzing census data collected from the year 1900 -present. I was particularly looking at data from significant progress markers of voting rights.

## COVID-19 Results

COVID-19 Data:

Agency Words: $35.92 \%$ displayed a notable increase


Efficacy Words: $34.21 \%$ displayed a notable increase


Women's Literature Results
Women's Literature Data:


Percent of Agentic Words in Each Year for Women


Percent of Agentic Words in Each Year for Men \& Women


COVID-19 Discussion

## COVID-19 Data:

From my preliminary data collection, there seemed to be a significan increase in agentic, efficacity, and optimistic dictionary usage. All o which displayed that nearly $30 \%$ of their words displayed a notable
increase. The exception was imaginative word usage in which only increase. The exception was imaginative word usage in which only $6.30 \%$ of words showed a notable increase. Though there are 10

## Women's Literature Discussion

## Women's Literature Data:

This preliminary research is still in its infancy. However, I was able to find a few notable trends in the data. This has resulted in the following inferences: Female use of agentic words increased and decreased in an
oscillating pattern around every 10 years
Agentic word usage peaked for women in the early 2020s while for men they peaked in the late 1970s
Through my construction of the book list, I noticed several patterns: Women increased in popularity concurrently with the rise of sales remains in effect
The genre of domestic fiction rose dramatically after "Fascinating Womanhood" by Helen Andelin was published in 1963; however the genre itself shifted dramatically depending on the time period in which it was written
Men dominated the market with science fiction during the ear later half of the century
Authors that remained on the charts for the longest time often ha to define the genre itself (Isaac Asimov, Stephen King, Robert
Jordan, Beverly Cleary, J.K. Rowling)

## Caveats to Our Data

Although lexicon analysis provides our team with meaningful exploratory insights, review of other data (i.e., news articles, data on women's organizations and leadership) might enrich our view and

Moving Forward:
This fall, I will work on completing our list of books so that we can have as much data as possible to run within our programs. Before

African American Progress Discussion

## Preliminary Data Findings

Though I have yet to run formal tests on the collected data, I hav already begun to make a few inferences:
Significant increase in progress began in the 1960s, with th itroduction of the Civil Rights Act of 1960 (in all the categories) Testing rates and graduation rates improved dramatically up until the early 2000s, when they suddenly began to decline
COVID-19 pandemic affected African American males the most out of any other race/gender - both in terms of unemployment rate and decreasing life expectancy rates

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