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**Project 2**

This project is a continuation of my work from project 1. For project 1, I focused on web scrapping data from the top 3 entrepreneurship journals websites to update the Entrepreneurship Research Productivity ranking started on 2018 by Texas Christian University.

The main goal of the ranking is to collect the articles, authors, and the institution they are affiliated with to then rank the institutions productivity in terms of entrepreneurship research at peer reviewed journals.

The selection of the 3 journals on entrepreneurship is based on the Financial Times List and the journals are “Entrepreneurship Theory and Practice”, “Journal of Business Venturing: and “Strategic Entrepreneurship Journal”.

For project 2, I will use all the articles titles from the same dataset and do a text mining analysis with Shiny Word Cloud to have a clear view of what are the most common themes in each journal by analyzing each individually and in the field of entrepreneurship by analyzing all titles from the 3 journals together.

**Comparative Table of Top Words**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **All Titles** | | **ETP Titles** | | **JBV Titles** | | **SEJ Titles** | |
| Venture | 168 | Family | 117 | Venture | 85 | Venture | 34 |
| Family | 131 | Firms | 64 | Entrepreneurs | 56 | Business | 24 |
| Social | 101 | Venture | 49 | New | 51 | Performance | 24 |
| New | 100 | Social | 44 | Social | 40 | Capital | 23 |
| Performance | 97 | Business | 39 | Performance | 38 | Strategic | 22 |
| Capital | 95 | Capital | 37 | Capital | 35 | New | 19 |
| Firms | 93 | New | 36 | Role | 34 | Social | 17 |
| Entrepreneurs | 91 | Performance | 35 | Research | 23 | Model | 16 |

**All Titles Top 100 Words**

**![Un conjunto de letras negras en un fondo blanco

Descripción generada automáticamente con confianza media]()**

**All Titles Top 8 Words**

**![Texto

Descripción generada automáticamente]()**

**ETP Titles Top 100 Words**

**![Texto

Descripción generada automáticamente]()**

**ETP Titles Top 8 Words**

**![Logotipo, nombre de la empresa

Descripción generada automáticamente]()**

**JBV Titles Top 100 Words**

**![Texto

Descripción generada automáticamente]()**

**JBV Titles Top 8 Words**

**![Imagen que contiene Texto

Descripción generada automáticamente]()**

**SEJ Titles Top 100 Words**

**![Un conjunto de letras blancas en un fondo blanco

Descripción generada automáticamente con confianza baja]()**

**SEJ Titles Top 8 Words**

![Texto

Descripción generada automáticamente con confianza media]()

**Conclusions**

From this text minig analysis we can observe some clear patterns for the entrepreneurship research literature in the top 3 peer reviewed journals and also specific patterns for indvidual journals.

The words “venture”, “social”, “new”, “performance” and “capital” where top words when anayzing each journal and when analyzing all journals together. It is clear these are all common trends across journals and the entrepreneurship research literature.

The words “family” and “firms” where top words when analyzing all the journals together but only top words on the Entrepreneurship Theory and Practice journal which gives us a clear indication that family business and family firms is one of the main areas of focus of this journal that differentiaties it form the other two.

The word “entrepreneur” was also a top word in the analysis of all the titles from the three journals but it was only a top word in the Journal of Business Venturing, which could indicate a stronger focus of this journal on the entrepreneur as a person and at an individual level. Where as the other two journals might have a focus more in entrepreneurship as a process and in the institutions that are part of the entrepreneurship process.

A future continuation of this project could be analyzing the abstracts of each article in order to take deeper look into what is being researched. Another possible avenue could be doing the same analysis in different time periods and see if and how the themes evolve across time in each individual journal and in the field of entrepreneurship as a whole.

A total of 1126 articles titles were analyzed from 2015 through 2021. 218 from SEJ, 439 from JBV and 469 from ETP. The number of articles on each journal varies according to the issues and volumes they publish.

The data for this analysis can be found here: <https://github.com/ja-cerecedo/wordcloud_files>