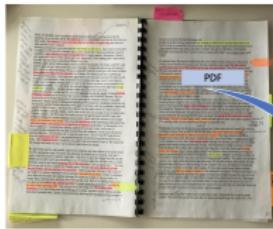


Proof of Concept

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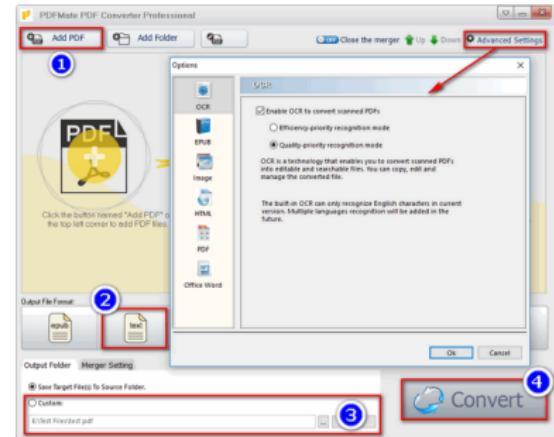


Text file

Path to folder

Path to file

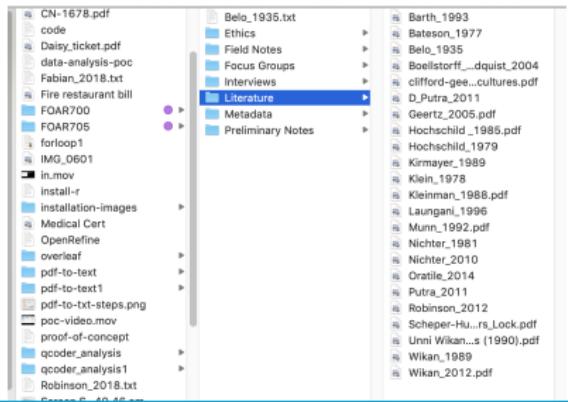
Analysis



Problem 1: Unreliable tagging.

Problem 2: Documents needed to be in a txt file format.

Problem 3: Moving the files into the correct folder was time consuming.



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Solution

A lightweight and easy-to-use script to make textual analysis in R more efficient. Here's what my solution did!

research when Walter Cannon expanded on this document is copyrighted by the American Psychological Association or one of its allied publishers. Bernard's work and identified homoeostasis. The contributions of Hans Selye, considered the father of stress research, Sir William Osler, Yorkes and Doeben and Richard Lazarus are also discussed. Finally, I discuss how, in the millennium, research on psychosocial stress has expanded across disciplines ranging from physiology to medicine, chemistry, endocrinology, neuroscience, epidemiology, psychology, psychiatry, and psychology, reflecting the complexities of the construct both theoretically and biologically. #stress#Keywords: stress, homeostasis, history, health, hormones Stress In health and disease is medically, sociologically, and哲學的に. Having conducted research regarding the past decade sophically the most meaningful subject for humanity that I can think of, ranging from the basic sciences using the laboratory rat to epidemiology studies with thousands of participants, I have found it – Hans Selye (1907-1982) – that the more you talk about or even study thousands, I may use the same language but do not



My proof of concept:

1. converts pdf's to txt files
2. Builds a path to the txt files
3. Imports the data into qcoder
4. Runs qcoder Shiny app for textual analysis

Introduction

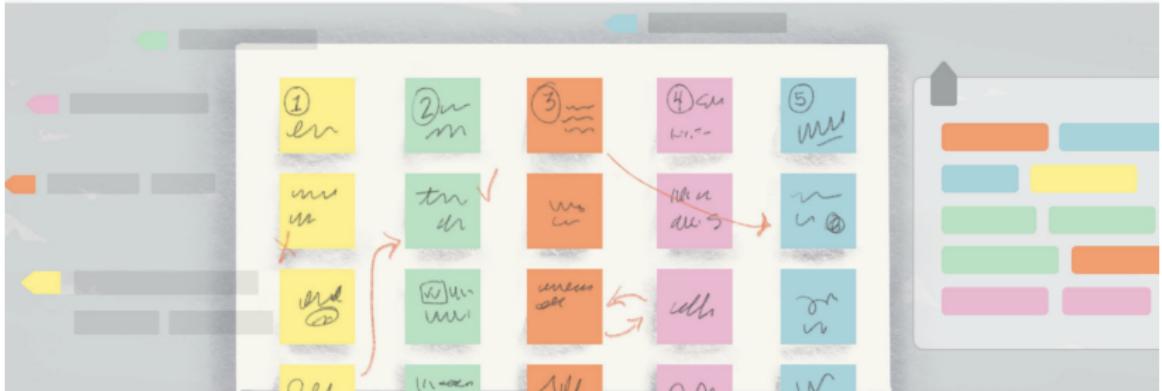
Providing adequate mental healthcare in non-Western low-resource settings requires understanding culturally salient expressions of mental suffering and how such expressions manifest in various contexts. While translating DSM or ICD-based screening tools to reflect local languages provides a modicum of cultural representation, this etic approach often fails to capture the unique expressions of mental suffering that occur within non-Western cultures (Kaiser et al. 2015b; Kleinman 1987). In Haiti, for instance, locally-developed screening tools that incorporated idioms of distress were associated with better specificity and cultural equivalence than screening tools that were directly translated from English to Haitian Kreyòl (Kaiser et al. 2013). The problematic imposition of Western conceptualizations of mental illness on non-Western cultures perpetuates paternalist and neo-colonial practices that exclude local ideologies at the expense of those suffering from mental distress. A growing body of research acknowledges the subjectivity of the presentation and conceptualization of mental ill-health and calls for emic research that understands non-Western explanatory models and forms of mental health and illness. From a conceptual perspective (Summerfield 2008; Kaiser et al. 2014; Weaver 2017), Incorporating local idioms of mental distress into mental healthcare and psychiatric treatment has become an increasingly well-recognized way of prioritizing local perspectives and grassroots mental health research, as well as a way of addressing the unique challenges of mental health contexts.

In many non-Western settings, the terms "anxiety" and "depression" have no direct equivalences in local languages and are not well recognized by people who have had little exposure to Western medical training or formalized education (Summerfield 2008). This lack of equivalence can lead to biomedical models oversimplifying the nuances of language that describe the breadth of experiences associated with mental suffering and potentially fail to identify many who could benefit from treatment (Summerfield 2012). Psychiatry, which unlike other medical specialties, is heavily based on diagnostic categories that differ between cultures rather than on biomarkers or lab tests, has the potential to provide an avenue for more culturally resonant clinical encounters through understanding



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Significance

- (a) Able to manage large amounts of data
- (b) Greater flexibility and thoroughness - add codes, define codes, search data.
- (c) Reduces the time spent converting and moving files
- (d) Supports other data analysis packages in R

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```
install.packages('plyr', repos = "http://cran.us.r-project.org")
install.packages("pdftools", repos = "http://cran.us.r-project.org")

library(pdftools)

file.names <- dir(path="pdfs", pattern = ".pdf", full.names=TRUE)

for (file in file.names) {
  text <- pdf_text(file)

  output.file <- gsub("pdf", "txt", file)
  print(output.file)
  print(file)
  write(text, output.file)
}

#create path to directory
#create path to txt files within directory
#copy txt files into qcoder_analysis directory
rawPath <- "/Users/sophieavard/Desktop/proof-of-concept/txts"
datafiles <- dir(rawPath, "*.txt", ignore.case = TRUE, all.files = TRUE)
file.copy(file.path(rawPath, datafiles), file_path, overwrite = TRUE)
```

```
install.packages("devtools", repos = "http://cran.us.r-project.org")
devtools::install_github("ropensci/qcoder")

library(shiny)
library(qcoder)
#create_qcoder_project("qcoder-analysis-project")

import_project_data(project = "qcoder-analysis-project")

project_name = "qcoder-analysis-project"
file_name <- "Fabian_2018.txt"
docs_df_path <- "qcoder-analysis-project/data_frames/qcoder_documents_qcoder-analysis-project"
codes_df_path <- "qcoder-analysis-project/data_frames/qcoder_codes_qcoder-analysis-project.r"
file_path <- "qcoder-analysis-project/documents"
dir("qcoder-analysis-project/documents")
```

```
new_dataframe <- readRDS(docs_df_path)

read_code_data(project_name = project_name)
codes_dataframe <- readRDS(codes_df_path)

qcode(use_md=TRUE)
```

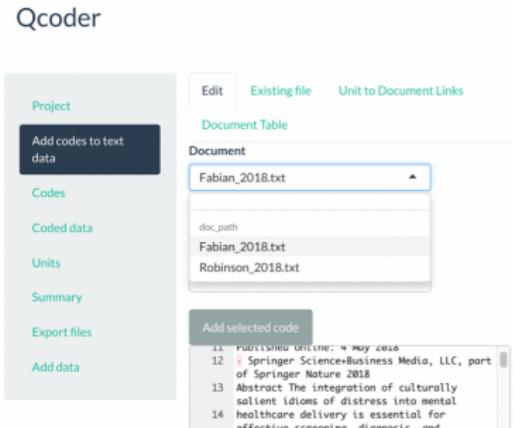
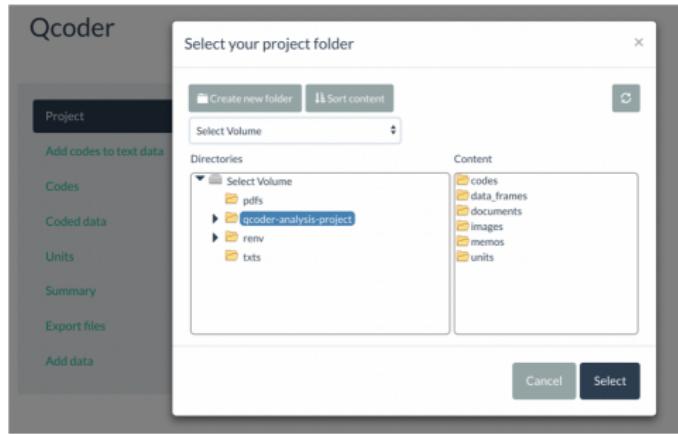
more ...

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... back to figure

If the script is successful, the qcoder app should automatically open on the users computer. The user then should be able to open their project directory and begin tagging their data.



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research when Walter Cannon expanded on this document is copyrighted by the American Psychological Association or one of its allied publishers. Bernhard's work and identified homoeostasis. The contributions of Hans Selye, considered the father of stress research; Sir William Oster; Yerkes and Dodson; and Richard Lazarus are also discussed. Finally I discuss how, in the new millennium, research on psychological stress has expanded across disciplines ranging from physiology to medicine, chemistry, endocrinology, neurosciences, epidemiology, psychiatry, epigenetics, and psychology, reflecting the complexity of the construct both theoretically and biologically. (Fretress) Keywords: stress, homoeostasis, history, health, hormones. Stress in health and disease is medically, sociologically, and philosophically. Having conducted stress research over the past decade I consider the most meaningful subject for humanity that I can think ranging from the basic sciences using the laboratory rat to episode of biology studies with thousands of participants, I have found it – Hans Selye (1907–1982) increasingly obvious that those who talk about or even study stress may use the same language but do not necessarily share the same. That reference to stress is ubiquitous in modern society, and the operational definition of stress. This may be due in part to the term stressfulness is a recurrent descriptor of negative experience. Diversity of stress research and application has been increasing exponentially in the last century. In this article I will highlight four areas that have contributed to our understanding of how the concept of stress pressures at work to health concerns and debilitating phobias. It is developed. To address this knowledge gap, the following article is interesting that most popular definitions would likely describe. This article is intended solely for the personal use of the individual user and is not to be disseminated broadly. Meant to provide a brief history of stress research for students of purely psychological phenomena, yet less than 100 years ago, the health psychology, those new in the field of stress research, and term stress as a psychological phenomenon did not exist. Today those who are curious about the evolution of stress research, the concept of stress is pervasive in popular as well academic. The following article outlines the major developments in stress literature. Despite its prevalence, stress remains an elusive con-research beginning in the late 19th century through to the most recent con-re research developments. In the process of tracing the historical events that led to Modern stress research was birthed out of divergent interests in the subdiscipline of stress research in psychology, I developed two medicine and physiology before it was introduced as a novel distinct orientations regarding the development of the concept of concept in psychology. (#stress, #modernity) Stress research eventually evolved into stress—one physiological and the other psychological—that would elude the consideration of cognitive processes that influence how eventually converge post-World War II. Finally, postwar developments in individual responses to both ordinary and extraordinary conditions of stress research are described, as well as the current advancements of daily life. Perhaps what is missing in both the popular and in the field, scientific discussion of

You must open the application in browser to download data.

Code	code_id	code	code description
1	1	stress	defines or describes stress
2	2	women	mentions women specifically
3	3	women's group	mentions women groups or organisations
4	4	emotions	discusses or refers to any emotion
5	5	idioms of distress	discusses or makes reference to an idiom of distress
6	6	Interesting	interesting point to come back to later
7	7	gender	mentions gender
8	8	modernity	mentions modernity or capitalism
9	9	temporality	mentions or makes reference to temporality
10	10	idioms	

Showing 1 to 10 of 12 entries

Previous 1 2 Next

Limitations

- ▶ Cannot add notes or memos to the data during analysis
- ▶ Due to a bug in the qcoder package, data must be coded and downloaded in one session
- ▶ Cannot export the highlights from qcoder



Proof of concept repository:

<https://github.com/MQ-FOAR705/Sophie-Avard-Proof-of-Concept>