

Zotero

Gerir documentos, bibliografias,
organizar, classificar, colaborar,
documentar e anotar PDF's

Kit Base

- Zotero;
- Add-ons para captura citações, documentos, entre outros;
- Zotero integração para word;
- Zotero Scholar Citation;
- Extração de anotações dos PDF's;
- Light PDF Editor (Adobe it's heavy for regular use, SumatraPDF integrates with other tools RStudio);

Zotero vs Mendeley

- Citation Management: Both tools allow you to create and manage a personal library of references, including books, articles, websites, and more. They can automatically generate citations in various styles (APA, MLA, Chicago, etc.).
- PDF Annotation: Both Zotero and Mendeley enable you to annotate PDFs directly within the software, making it easier to highlight key passages and take notes.
- Group Collaboration: Both tools support collaboration features, allowing you to share libraries and work on projects with others.

Zotero vs Mendeley

- Integration:
 - Zotero: Integrates seamlessly with Firefox and Chrome, integrates with Microsoft Word and other productivity tools
 - Mendeley: Integrates with Microsoft Word and other productivity tools, making it more accessible for users who prefer a desktop-based workflow.

Zotero vs Mendeley

- Synchronization:
 - Zotero: Offers a robust synchronization system that allows you to access your library from multiple devices (web, app and smartphones) and library share
 - Mendeley: Also provides synchronization

Zotero vs Mendeley

- Plugins and Add-ons:
 - Zotero: Has a vast ecosystem of plugins and add-ons, allowing you to customize its functionality (In the ast version there are some issues)
 - Mendeley: Offers fewer plugins and add-ons compared to Zotero;

Zotero vs Mendeley

- Other reference managers go through long periods of little to no development that disrupt productivity and even prevent access to research data. For example, EndNote didn't support Word 2016 for Mac until 7 months after its release. Mendeley has taken years to support the latest versions of macOS, and took two months to address reports of PDFs disappearing from users' libraries.
- Mendeley, RefWorks, EndNote Web, and Paperpile all require you to be logged in, so if their owners decided to stop supporting their software, or even if their services were down temporarily, you would be unable to open your library.
- Mendeley encrypts your database, preventing you from exporting your data in full to other tools and even from accessing your data at all if you can't open the program. EndNote has claimed that no one can open EndNote files without their software.
- Mendeley, RefWorks, Papers, and Paperpile are proprietary and closed source, yet they depend on open-source software created by the Zotero community. All use the citation processor that was developed to enhance Zotero's citation abilities. Most of the thousands of citation styles they offer were requested or created by Zotero users. The Mendeley word processor plugin is based on an early version of Zotero's plugin. RefWorks uses Zotero's site translators to enable saving bibliographic data from a browser. By using Zotero, you'll get better support and earlier updates, as well as the chance to influence the development of these tools.

<https://www.zotero.org/why>

Zotero

The screenshot displays the Zotero desktop application. The top menu bar includes File, Edit, View, Tools, and Help. Below the menu is a toolbar with icons for file operations and a search bar. The left sidebar shows a hierarchical view of the library, with 'Blockchain' selected under 'My Library'. The main pane shows a list of research papers with columns for Title, Creator, Year, Date Added, and Extra. The right sidebar shows a list of tags and a message '10 items in this view'.

Title	Creator	Year	Date Added	Extra
Nicolini and Cude - 2022 - The Routledge handbook of financial literacy.pdf			3/11/2024, 10:38:01 AM	
How blockchain and cryptocurrency technology could revolutionize online gambling	Gainsbury and Blaszc...	2017	9/22/2023, 4:23:00 PM	48 citations (Semant...
The Blockchain Phenomenon: Conceptualizing Decentralized Networks and the Value Propositio...	Naraine	2019	9/22/2023, 4:21:09 PM	10 citations (Semant...
The new crypto niche: NFTs, play-to-earn, and metaverse tokens	Vidal-Tomás	2022	10/14/2022, 10:27:42 AM	12 citations (Semant...
3.as Jornadas Científicas Multidisciplinares CIEQV	CIEQV-Centro de Inves...	2022	7/1/2022, 4:59:59 PM	
Non-Fungible Tokens: NFT Games	García Corbí	2022	6/29/2022, 5:57:41 PM	
Token Economy: How the Web3 reinvents the Internet	Voshmgir	2020	6/22/2022, 12:39:41 PM	
Henry Ford, Innovation, and That "Faster Horse" Quote	Vlaskovits	2011	6/22/2022, 11:58:32 AM	Section: Innovation
Research on sports fitness management based on blockchain and Internet of Things	Shan and Mai	2020	6/22/2022, 11:00:58 AM	6 citations (Semanti...
A systematic review of blockchain	Xu et al.	2019	6/22/2022, 10:58:50 AM	127 citations (Sema...

10 items in this view

Zotero Web

The screenshot shows the Zotero Web interface in a web browser. The address bar displays the URL `zotero.org/sobreiro/collections/CHHQJ2K`. The browser's bookmark bar contains various folders like 'Surf', 'IDescargas', 'Informatica', etc. The Zotero header includes navigation links for 'Web Library', 'Groups', 'Documentation', 'Forums', 'Get Involved', and a user profile 'sobreiro'. A search bar is present with the placeholder text 'Title, Creator, Year'. A blue 'Upgrade Storage' button is located on the right.

The left sidebar shows a hierarchical tree structure under 'My Library'. The 'timeseries' folder is selected and highlighted in blue. Below it, a list of tags is visible, including 'ARIMA', 'ARMA', 'Artificial Intelligence', 'artificial-intelligence', 'autoregression', 'Biological system modeling', 'bitcoin', 'Bitcoin', 'Bitcoin forecasting', 'Blockchain', 'Comparison', 'Computational modeling', 'Computer Science - Machine Learning', 'Correlation', 'Cryptocurrency', 'Deep learning', 'Deep learning, LSTM', 'deep-learning', 'Fb-Prophet', and 'fbprophet'.

The main content area displays a table of 12 items. The table has three columns: 'Title', 'Creator', and 'Date'. The items are listed as follows:

Title	Creator	Date
Bitcoin Forecasting Using ARIMA and...	Yenidoğan et al.	2018-09
Comparative Analysis of ARIMA and ...	Angelo et al.	2023-01-01
Deep Learning-Based Bitcoin Price Fo...	Noviandy et al.	
Forecasting Bitcoin prices using artifi...	Cheng et al.	2024-01-01
Forecasting cryptocurrency returns u...	AlMadany et al.	2024-11-01
Forecasting cryptocurrency returns u...	AlMadany et al.	2024-11-01
Forecasting prices of Bitcoin and Goo...	Borneklint	2021
NeuralProphet_Introduction		
NeuralProphet: Explainable Forecasti...	Triebe et al.	2021-11-29
ourownstory/neural_prophet	Triebe	2024-09-12
Prophetic Analysis of Bitcoin price usi...	Tiwari et al.	2021-10
Time-series forecasting of Bitcoin pri...	Mudassir et al.	2020-07-04

At the bottom of the main content area, it states '12 items in this view'.

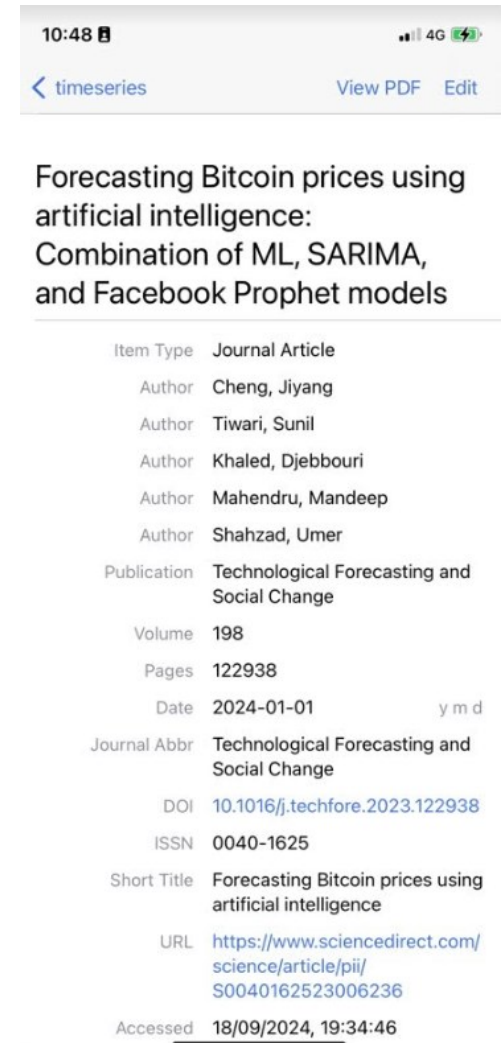
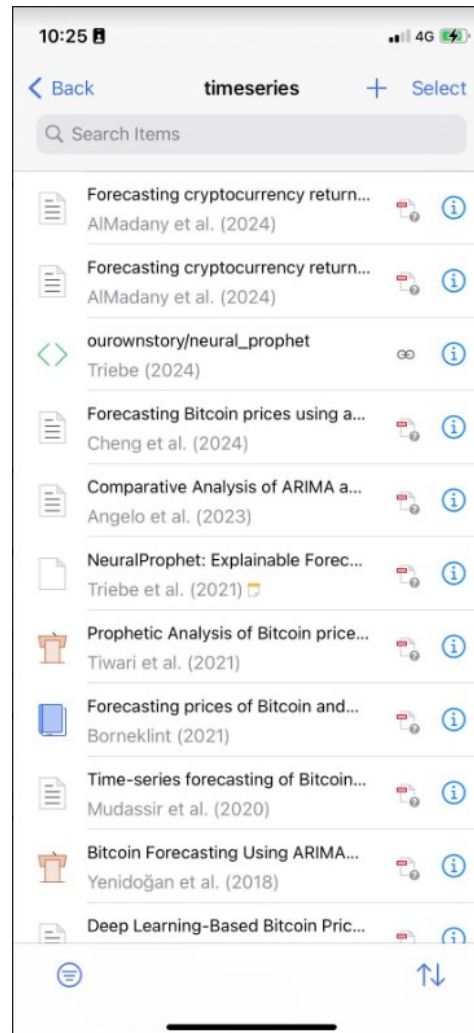
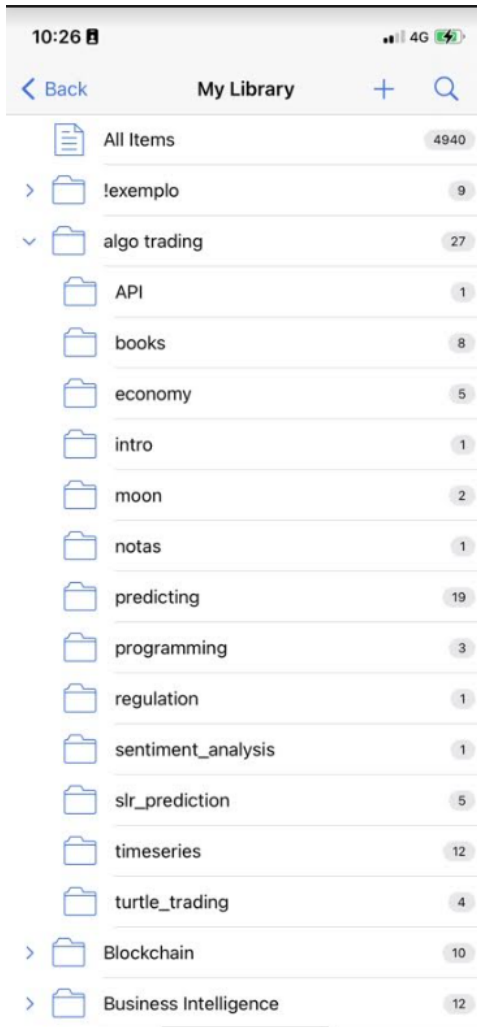
Zotero Web

The image shows a screenshot of the Zotero Web interface. The browser address bar displays `zotero.org/groups`. The top navigation bar includes links for `Home`, `Web Library`, `Groups`, and `Documentation`. The main content area is titled **Zotero Groups** and features a search bar and a `Create a New Group` button. Below this, a table displays the details for a group named **Mestrado**:

Mestrado	
Group Library	
Members	2
Group Type	Private
Group Library	Only members can view

The right side of the image shows the **Create a New Group** form. It includes a `Group Name` field, a `Group URL` field, and a `Group Type` section with three options: **Public, Open Membership** (selected), **Public, Closed Membership**, and **Private Membership**. The `Public, Open Membership` option is described as: "Anyone can view your group online and join the group instantly." The `Public, Closed Membership` option is described as: "Anyone can view your group online, but members must apply or be invited." The `Private Membership` option is described as: "Only members can view your group online and must be invited to join." A `Create Group` button is located at the bottom of the form.

Zotero Mobile





Zotero Plug-Ins

Plugins Manager



File Edit



Manage Your Plugins

No updates found 

 **Plugins**

Disabled

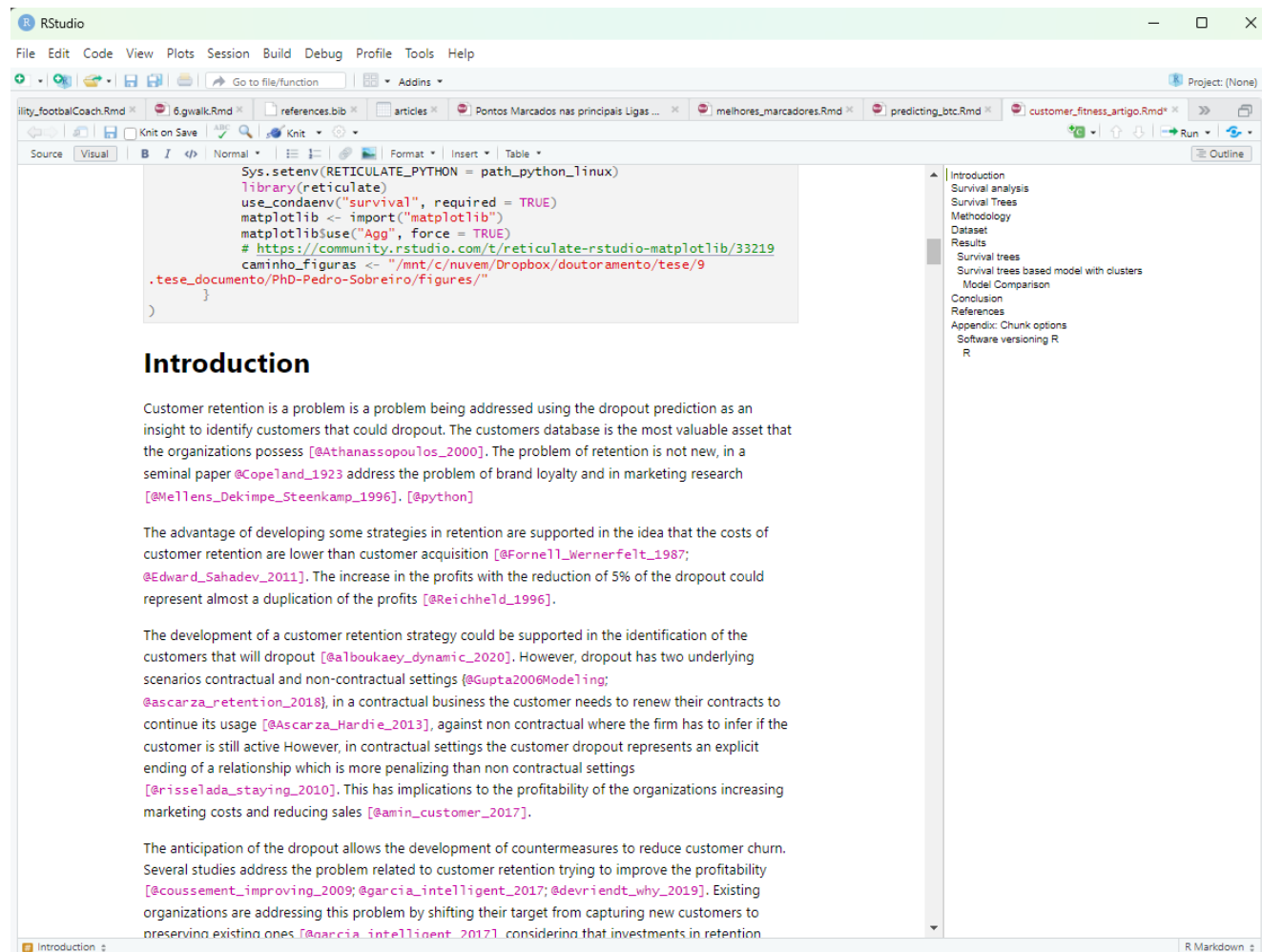
 **Zotero Citation Counts Manager (disabled)**
Automatically fetch and update citation counts 

 **ZotFile (disabled)**
Advanced PDF management for Zotero 

Zotero beyond word/libre office

- Jupyter Notebook:
 - Integration: Jupyter Notebook offers a Zotero extension that allows you to search for and insert citations directly into your notebooks.
 - Features: Supports multiple programming languages, rich text formatting, and interactive visualizations.
- Python:
 - Integration: Python libraries like zotero and bibtex can be used to interact with Zotero and manage citations within your Python scripts.
 - Features: A versatile language for data analysis, machine learning, and web development.
- R Markdown:
 - Integration: R Markdown, a format for creating reproducible documents, supports Zotero integration through packages like knitr and pandoc.
 - Features: Combines code, text, and visualizations into a single document.
- LaTeX:
 - Integration: LaTeX, a popular document preparation system, can be integrated with Zotero using tools like biblatex and natbib.
 - Features: Ideal for creating complex documents with precise formatting and typesetting.
- Overleaf:
 - Integration: Overleaf, an online LaTeX editor, offers a Zotero integration that allows you to search for and insert citations directly into your documents.
 - Features: A cloud-based platform with real-time collaboration and version control.

Zotero and RMarkdown



The screenshot shows the RStudio environment. The top menu bar includes File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, and Help. The toolbar contains icons for file operations and execution. The main editor window displays an R script with the following code:

```
Sys.setenv(RETICULATE_PYTHON = path_python_linux)
library(reticulate)
use_condaenv("survival", required = TRUE)
matplotlib <- import("matplotlib")
matplotlib$use("Agg", force = TRUE)
# https://community.rstudio.com/t/reticulate-rstudio-matplotlib/33219
caminho_figuras <- "/mnt/c/nuvem/Dropbox/doutoramento/tese/9
.tese_documento/PhD-Pedro-Sobreiro/figuras/"
}
```

Below the script, the R Markdown document is open, showing the following content:

Introduction

Customer retention is a problem being addressed using the dropout prediction as an insight to identify customers that could dropout. The customers database is the most valuable asset that the organizations possess [Athanassopoulos_2000]. The problem of retention is not new, in a seminal paper [CopeLand_1923] address the problem of brand loyalty and in marketing research [Mellens_Dekimpe_Steenkamp_1996]. [python]

The advantage of developing some strategies in retention are supported in the idea that the costs of customer retention are lower than customer acquisition [Fornell_Wernerfelt_1987; Edward_Sahadev_2011]. The increase in the profits with the reduction of 5% of the dropout could represent almost a duplication of the profits [Reichheld_1996].

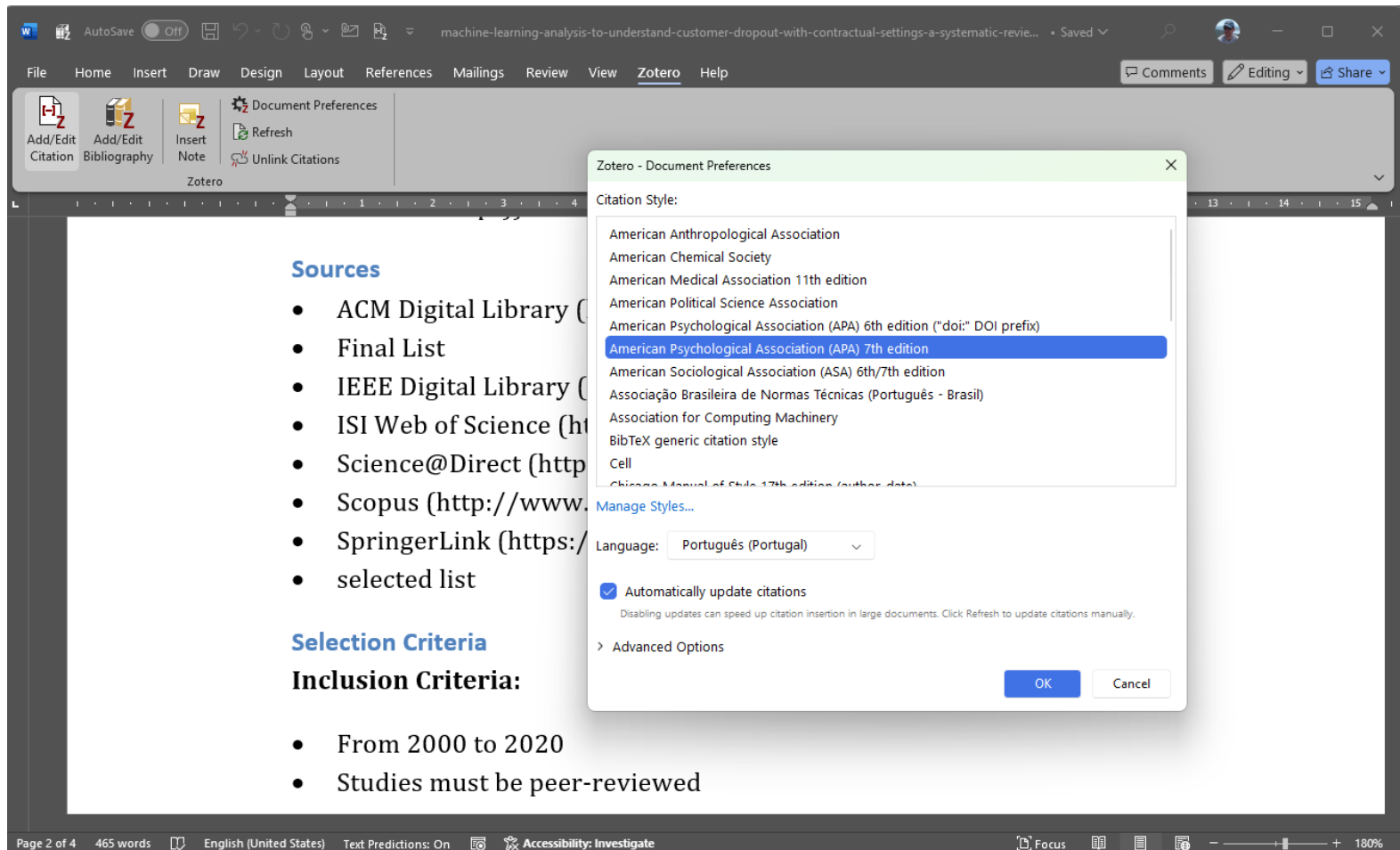
The development of a customer retention strategy could be supported in the identification of the customers that will dropout [alboukaey_dynamic_2020]. However, dropout has two underlying scenarios contractual and non-contractual settings [Gupta2006Modeling; ascarza_retention_2018], in a contractual business the customer needs to renew their contracts to continue its usage [Ascarza_Hardie_2013], against non contractual where the firm has to infer if the customer is still active. However, in contractual settings the customer dropout represents an explicit ending of a relationship which is more penalizing than non contractual settings [risselada_staying_2010]. This has implications to the profitability of the organizations increasing marketing costs and reducing sales [amin_customer_2017].

The anticipation of the dropout allows the development of countermeasures to reduce customer churn. Several studies address the problem related to customer retention trying to improve the profitability [coussement_improving_2009; garcia_intelligent_2017; devriendt_why_2019]. Existing organizations are addressing this problem by shifting their target from capturing new customers to preserving existing ones [garcia_intelligent_2017] considering that investments in retention

The right sidebar shows the Outline pane with the following structure:

- Introduction
- Survival analysis
- Survival Trees
- Methodology
- Dataset
- Results
- Survival trees
- Survival trees based model with clusters
- Model Comparison
- Conclusion
- References
- Appendix: Chunk options
- Software versioning R
- R

Integração com processador de texto



The screenshot shows a Microsoft Word document with the Zotero ribbon tab active. The 'Zotero - Document Preferences' dialog box is open, displaying a list of citation styles. The 'American Psychological Association (APA) 7th edition' is selected. The background document shows a list of sources and selection criteria.

Sources

- ACM Digital Library (http://www.acm.org)
- Final List
- IEEE Digital Library (http://www.ieee.org)
- ISI Web of Science (http://www.isinet.com)
- Science@Direct (http://www.sciencedirect.com)
- Scopus (http://www.scopus.com)
- SpringerLink (https://www.springerlink.com)
- selected list

Selection Criteria

Inclusion Criteria:

- From 2000 to 2020
- Studies must be peer-reviewed

Zotero - Document Preferences

Citation Style:

- American Anthropological Association
- American Chemical Society
- American Medical Association 11th edition
- American Political Science Association
- American Psychological Association (APA) 6th edition ("doi:" DOI prefix)
- American Psychological Association (APA) 7th edition**
- American Sociological Association (ASA) 6th/7th edition
- Associação Brasileira de Normas Técnicas (Português - Brasil)
- Association for Computing Machinery
- BibTeX generic citation style
- Cell
- Chicago Manual of Style 17th edition (author-date)

Manage Styles...

Language: Português (Portugal)

☒ Automatically update citations

Disabling updates can speed up citation insertion in large documents. Click Refresh to update citations manually.

> Advanced Options

OK Cancel

Page 2 of 4 465 words English (United States) Text Predictions: On Accessibility: Investigate

Zotero Scholar Citation

- Neste momento não está a funcionar, por causa do último update...
- Muito útil para ordenar os artigos por citação, ou ver os artigos mais citados
- Um artigo com muitas citações pode ser identificado como paper que representou um “marco”

Research advantages

MAIN FEATURES

Storing and Adding Documents

- Central Repository: Zotero keeps all your research in one place, eliminating scattered files and folders
- Variety of Sources: Add journal articles, books, websites, PDFs, images, and more
- Easy Capture: Use the browser extension to grab citation information and PDFs directly from web pages. You can also manually add items or import existing files

Organizing with Collections

- Create Collections: Think of these as folders. Create collections based on projects, themes, or courses
- Subcollections: Create hierarchies within your collections for more granular organization (e.g., a "Literature Review" collection with subcollections for different topics)
- Flexibility: A single item can belong to multiple collections, offering flexibility in how you categorize your research

Tagging for Detailed Classification

- **Keywords:** Assign tags to items to categorize them by topic, methodology, or any other relevant criteria
- **Powerful Search:** Use tags to quickly find specific items or groups of related items
- **Combine with Collections:** Use tags in conjunction with collections for a multi-dimensional organization system

Note-Taking and Annotations

- Built-in Notes: Attach notes to any item to record your thoughts, ideas, or summaries
- PDF Integration: Zotero's built-in PDF reader allows you to highlight, annotate, and extract text from PDFs
- Connected Notes: Link notes to specific sections of a PDF for contextualized insights.

Advanced Features

- Saved Searches: Create saved searches based on keywords, tags, or other criteria to quickly access relevant items
- Related Items: Zotero can automatically suggest related items based on shared citations or keywords
- Groups: Collaborate with others by sharing collections and creating group libraries.

Extração anotações PDF's

The screenshot displays a PDF management application interface. The top menu bar includes File, Edit, View, Tools, and Help. The top toolbar contains icons for file operations and a search bar. The left sidebar shows a file tree structure under 'My Library', with 'slr_prediction' selected. The main panel displays a list of PDFs with columns for Title, Creator, Year, Date Added, and Extra. The right panel shows the content of the selected PDF, 'Kumbure et al_2022_Machine learning techniques and data for stock market forecasting.pdf', with annotations for Page 2, Page 14, and Page 18.

Title	Creator	Year	Date Added	Extra
Machine learning techniques and data for stock market forecasting: A literature review	Kumbure et al.	2022	5/10/2024, 3:10:17 PM	144 citations (S...
Kumbure et al_2022_Machine learning techniques and data for stock market forecasting...			5/10/2024, 3:13:17 PM	
Stock Market Prediction Using Machine Learning Techniques: A Decade Survey on Methodol...	Rouf et al.	2021	5/31/2023, 10:06:53 AM	31 citations (Se...
Rouf et al_2021_Stock Market Prediction Using Machine Learning Techniques.pdf			5/31/2023, 10:06:55 AM	
A Survey of Forex and Stock Price Prediction Using Deep Learning	Hu et al.	2021	9/5/2021, 10:38:16 AM	15 citations (Se...
Hu et al_2021_A Survey of Forex and Stock Price Prediction Using Deep Learning.pdf			9/5/2021, 10:38:18 AM	
Snapshot			9/5/2021, 10:38:23 AM	
The use of machine learning algorithms in recommender systems: A systematic review	Portugal et al.	2018	9/21/2020, 6:19:37 PM	ZSCC: 0000239
Portugal et al_2018_The use of machine learning algorithms in recommender systems.pdf			9/21/2020, 6:19:52 PM	
ScienceDirect Snapshot			9/21/2020, 6:19:38 PM	
Literature review: Machine learning techniques applied to financial market prediction	Henrique et al.	2019	9/21/2020, 6:17:21 PM	ZSCC: 0000050
PDF			9/24/2024, 11:41:25 AM	
ScienceDirect Snapshot			9/21/2020, 6:17:23 PM	

Annotations:

Page 2

we classified all the variables in the selected literature that were used as input data into four main categories and several subcategories, as illustrated in Fig. 1.

Page 14

All these basic technical indicator variables can be assigned to seven categories: "Close Price" with 87 counts (24.4%) but only 20 variables, "Volume" with 76 counts (21.3%) and 28 variables, "Range" with 61 counts (17.1%) but also 61 variables, "Open Price" with 51 counts (14.3%) and 11 variables, "High Price" with 41 counts (11.5%) and 9 variables, "Low Price" with 39 counts (10.9%) and also 9 variables, as well as the "Bid/Ask Price" minority category with only 2 counts (0.6%) for 2 variables

Page 18

In this category, there are 55 variables used in the literature that were used in overall 96 different forms (e.g. prices, differences, %changes, yields etc.) in the corresponding studies. The variables belong to seven categories defined by the authors of this study. These categories are "Certificate of Deposit", "Corporate bond", "Default spread", "Money Supply", "Term Spread", and "Treasury". Certificates of deposit, corporate bonds as well as treasuries are financial instruments that enable investors to invest their funds with the objective to...

Extração anotações PDF's

379 results

Set search alert

Refine by:

Years

- ☐ 2025 (4)
- ☐ 2024 (86)
- ☐ 2023 (46)

Show more

Article type

- ☐ Review articles (38)
- ☐ Research articles (278)
- ☐ Encyclopedia (3)
- ☐ Book chapters (31)

Show more

Publication title

- ☐ Expert Systems with Applications (30)
- ☐ European Journal of Operational Research (16)
- ☐ Decision Support Systems (13)

Find articles with these terms

(((“customer”) AND (“dropout” OR “churn”)) AND “machine learning”) AND (“cc

sorted by relevance | date

ity giveaways on mobile customer

Assessing the effectiveness of OTT services, branded apps, and gamified loyalty giveaways on mobile

Explaining customer churn prediction in telecom industry using tabular machine learning models

Proactive customer retention management in a non-contractual B2B setting based on churn prediction

E-commerce customer churn prevention using machine learning-based business intelligence strategy

Sampling-based novel heterogeneous multi-layer stacking ensemble method for telecom customer ch

Hybrid black-box classification for customer churn prediction with segmented interpretability analysis

A machine learning framework for customer purchase prediction in the non-contractual setting

An effective strategy for churn prediction and customer profiling

Predictive analytics for customer repurchase: Interdisciplinary integration of buy till you die modeling a

Incorporating usage data for B2B churn prediction modeling

Extreme gradient boosting trees with efficient Bayesian optimization for profit-driven customer churn p

Select All Deselect All Cancel OK

Explaining customer churn prediction in telecom industry using tabular machine learning models

Machine Learning with Applications, September 2024

Sumana Sharma Poudel, Suresh Pokharel, Mohan Timilsina

View PDF Abstract Figures Export

Research article Full text access

3 Proactive customer retention management in a non-contractual B2B setting based on churn prediction with random forests

Industrial Marketing Management, November 2022

Theresa Gattermann-Itschart, Ulrich W. Thonemann

View PDF Abstract Figures Export

Research article Open access

4 E-commerce customer churn prevention using machine learning-based business intelligence strategy

Measurement: Sensors, June 2023

Shobana J., Ch. Gangadhar, ... Yugendra devidas Chincholkar

Citações e Bibliografia

- Criar bibliografia:
 - Colocar o cursor no final do documento;
 - Clicar em Bibliografia e seleccionar o formato;
- Criar citação e fonte:
 - seleccionar o estilo (APA, Chicago, ...)
 - Colocar o cursor no final da frase para citar e Inserir Citação;
- Adicionar Fonte, ir a gerir fonte e clicar em nova;

Funcionalidades Zotero



Capturar refs bibliográficas a partir de: scholar.google.com; www.amazon.com; www.loc.gov e bases dados na www.b-on.pt;



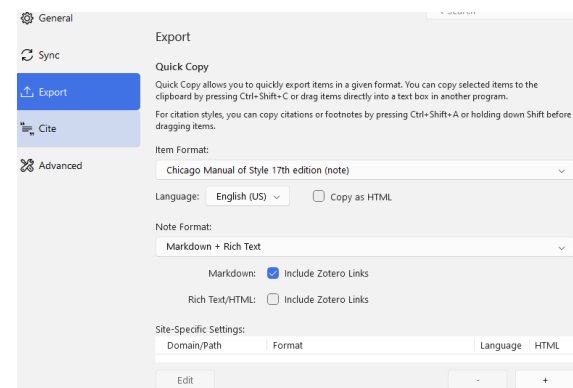
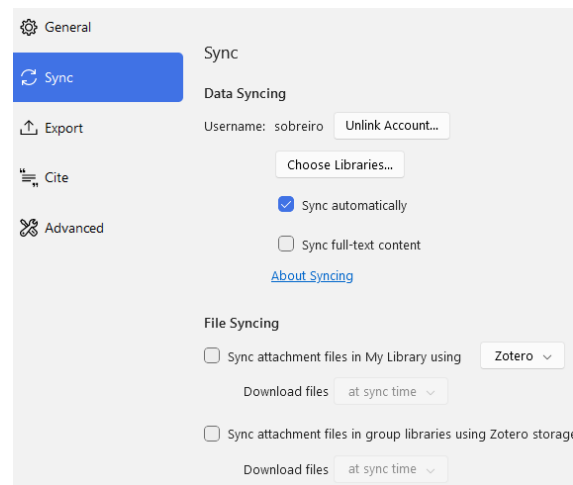
Grava páginas Web para posterior consulta e PDF's

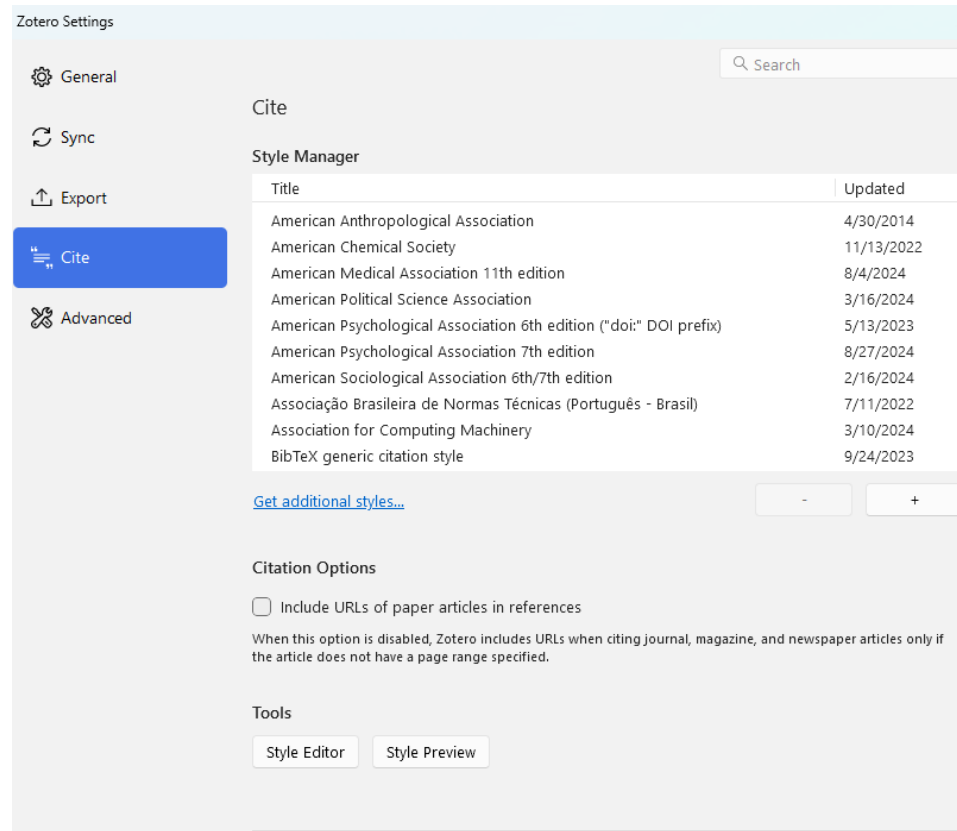


Permite arrastar e largar as referências armazenadas para um email, blog, editores de texto e processadores de texto;



Sincroniza as base de dados armazenados entre computadores e permite a partilha com outros utilizadores;





Normas bibliográficas

Assim que é instalado, disponibiliza 16 normas bibliográficas. Normalmente utiliza-se a APA(American Psychological Association).

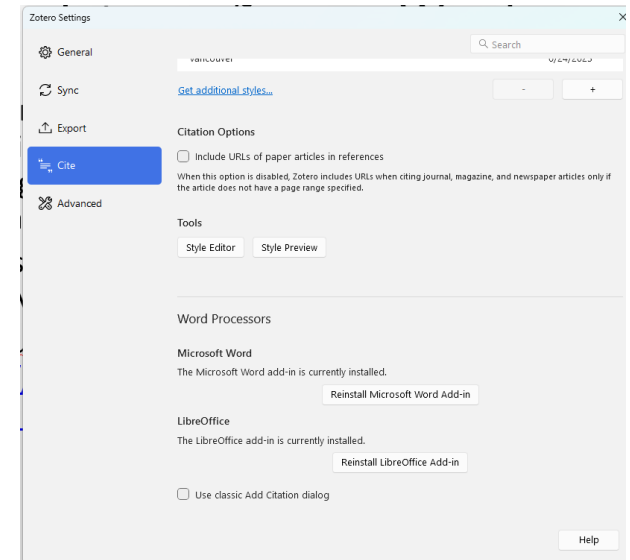
Kumbure, M. M., Lohrmann, C., Luukka, P., & Porras, J. (2022). Machine learning techniques and data for stock market forecasting: A literature review. *Expert Systems with Applications*, 197, 116659.

<https://doi.org/10.1016/j.eswa.2022.116659>

REFERÊNCIA JÁ FORMATADA

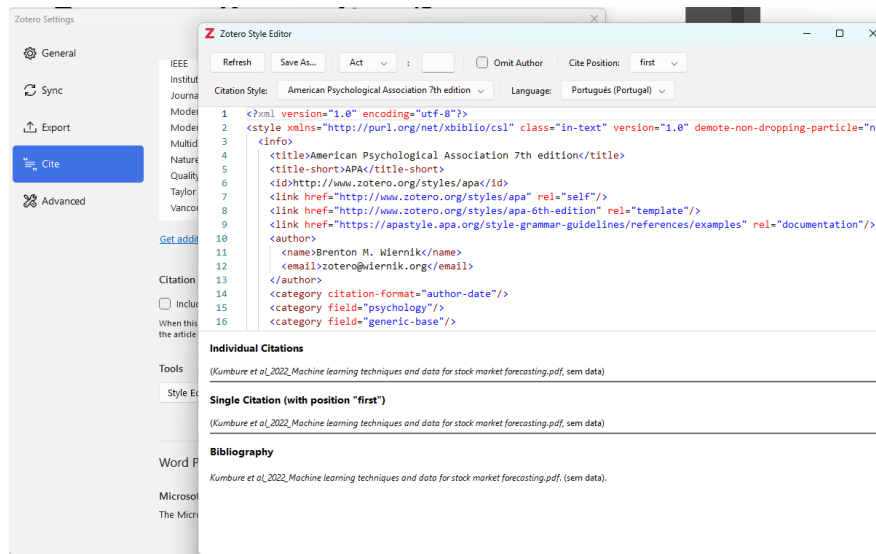
Integração com Word

- Disponibiliza um menu que permite o acesso às referências bibliográficas, desde que o Zotero esteja em funcionamento;
- Necessita de instalar os Plugins para Microsoft Word;
- Os plugins estão disponíveis em: http://www.zotero.org/support/word_processor_plugin_installation



Personalizar citações

Editar o CSL, gravar no disco e adicionar novamente, por exemplo colocar o et al em itálico;



https://www.zotero.org/support/dev/citation_styles/style_editing_step-by-step

Referências

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