

Meta Analysis: Research Variations of Undergraduate Financial Management Students in Indonesia

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Abstract

Undergraduate students in the field of financial management in Indonesia generally do not have variations in conducting research. This due to, knowledge of general research methodologies is weak, so data and sample collection techniques are difficult to use. Several researchers used the same research title as the previous research. The purpose of this study is to map the variation of research in the field of financial management in Indonesia. This type of research is a qualitative meta-analysis research that uses a data analysis methodology, namely qualitative content analysis techniques. An analytical approach that utilizes a qualitative approach with systematic and analytical qualities is included in the content analysis technique. The method used in this study is content analysis qualitatively referring to the analysis of the material in each implementation procedure. The steps that must be followed are as follows: Selecting five theme categories, analyzing research categories in the field of financial management and selecting 60 research articles. The results of the study indicate that there is still minimal variation in research in the field of financial management.

Keywords: Meta Analysis, Financial Management

1. Introduction

It's getting more and more science has grown and advanced in part thanks to research articles in academic journals and books the variance in research methodology in the field of financial management also increases. The process of making research is simple, knowledge of general research methodologies is weak, so that data and sample collection techniques are difficult to use. Several researchers used the same research title as the previous research. Furthermore, the prospects of generating variance in methodologies in the area of financial management will be minimal. Scientific work is knowledge based on research findings in the form of data, facts and research collected during certain research that can be proven empirically. Each institution has its own standards and conditions that must be met in order for a student to graduate. One of these criteria is that students can compose scientific works in the form of a thesis. The function of research publication in scientific journals and literature is very important for the advancement of science. The function of research as a methodical procedure for gathering and analyzing facts, information, events, or problems has given rise to several ideas and promoted the use of knowledge. Social phenomena often promote research, especially in the field of financial management. Financial management research must develop along with the increasing sophistication of technology in the current industrial 4.0 era. This is because research will play an important role in developing the paradigm of the Study Program, especially in the field of financial concentration management. The selection of the financial concentration management study program is no longer limited to financial results, but a new subject has developed such as dividend policy, portfolio, working capital, stock valuation, cost of capital, and financial behavior.

Despite clear developments in the discipline and research of the financial concentration management study program, much of the financial concentration management study program research, including research published in leading financial concentration management study journals, continues to use mainstream and less innovative approaches, especially at the undergraduate level in Indonesia. The main reason for this, according to Bodnar and Hopwood in the research journal meta analysis research variations for students of undergraduate level Medan Area University (2020) is a lack of understanding, perspective, and willingness to work with other disciplines. Most researchers

prefer to play it safe by sticking to well-known themes and common areas. Hutagalung and Utomo (2017) conducted a meta-analysis of student thesis based on data analysis methods and procedures. Their research findings show that most of the student thesis still has minimal study variance in various fields, including methods, data analysis approaches, data sources and problem analysis.

This research is important and needs to be done because it serves as a guide for future researchers in the area of scientific work of the financial concentration management study program so that there is no unnecessary repetition. It is intended that the findings of this study can provide information about previous research, thereby increasing the level of variance in the study area and increasing the authenticity of the work produced that has never been written by someone else in writing to students in scientific writing.

This study aims to determine the level of variation in the scientific work of students of the Financial Management Study Program data collection strategy, study area, data processing methodology, and research subjects were all considered in the research investigation. Research that uses qualitative content analysis methods for data analysis is included in the category of qualitative research. An analytical approach that uses a qualitative approach and has a systematic and analytical quality is included in the content analysis technique. Complexity requires both deductive and inductive thinking during the analytical process. In addition, this method produces interpretations that are presented descriptively and statistically cannot be tested. To allow for the addition of new concepts or categorizations during the data collection and analysis process, the sample was divided into categories using a data analysis approach called qualitative content analysis.

The data is categorized into various categories before being mapped. The first is the category of financial management themes, namely Financial Performance (Fahmi 2020), Portfolio and Investment (Musthafa 2017), Financial Ratios (Sujarweni 2020) and Taxes (Casavera 2019). Second, grouping the types of qualitative and quantitative research (Joseph 2017). Third, specifically, the research data source category is divided into two subcategories, namely primary data and secondary data (Sugiyono 2018). Fourth, the category of data collection techniques is divided into four subcategories including observation, interviews, documentation and combinations (Sugiyono 2018). Fifth, the categories of research objects are divided into five subcategories of topics: banks, state-owned enterprises, government agencies, agencies, and institutions, as well as private businesses. Based on the background described above, the author is interested in making the title of this research entitled Meta Analysis of Variations in Undergraduate Research for Financial Management Students in Indonesia, this study will discuss by dividing the data into different categories and calculating percentages, data mapping is performed. Research interest and student creativity for further research are predicted to grow as a result of this research.

1.1 Purpose

The purpose of this study is to map the variation of research in the field of financial management in Indonesia. The results of the mapping will be analyzed based on the category of variations in research methods to research subjects. This research is expected to increase the scope of students' research interests and creativity for further research.

2. Literature Review

Meta Analysis Literature

Meta-analysis is research research that is carried out by summarizing, reviewing, and analyzing research data from several existing studies and with references from several books (Fuji 2020). Meta-analysis in the literature review is used as a source of empirical evidence, where the authors can summarize and analyze articles (Amelia 2019). Furthermore, meta-analysis can also define articles according to their qualifications, which will play an important role in solving problems by explaining, synthesizing, and assessing qualitative evidence as reporting material. Meta-analysis is research conducted by researchers by summarizing research data, reviewing and analyzing pre-existing research data (Yanto et al. 2018).

Based on the description above, it can be defined that meta-analysis is a research method by accumulating data from previous studies with certain criteria or can be called analysis above analysis. Meta-Analysis stage is a type of research that can be considered alone. The results of studies that will be included in the meta-analysis are the subject of the meta-analysis.

Table 1. Meta-analysis stages

No	Systematic Stages	Review	Explanation
1.	Formulating the topic	(Topic formulation)	Formulating the topic (Topic formulation)
2.	Overall study design		Development of protocols specifying problems/conditions, populations, settings, interventions and outcomes of interest, study specifications with inclusive and exclusive criteria
3.	Sampling (Sampling)		Develop a sampling plan, research unit sampling, universal consideration of all relevant studies obtaining studies
4.	Data collection (data collection)		derived Data (extracted) from research to standardization form
5.	Data analysis (Data analysis)		Describing the data (check quality, sample, and characteristics of the research intervention accumulated meta-analysis, description of results in the form of narratives, graphs, and discussions.

Source : Anadiroh (2019)

Financial Management Research Development

The development of the science of financial management itself from the 1960s to the 1970s focused on the selection of assets and debts that could maximize company value and prosperity for shareholders. Then in the era of the 1980s, the analysis began to expand to include: inflation and its effect on interest rates, deregulation of financial institutions, the increasing use of computers in financial decision-making analysis, the increasing importance of international financial markets. Entering the era of the 1990s, the scope of its focus has expanded to international financial management (Suleman et al. 2019). Financial management is a combination of science and art that discusses, studies and analyzes finances to find funds, manage funds, and distribute funds (Fahmi 2020). According to Kasmir (2016), financial management is all activities related to revenue and asset management with several overall objectives. Financial management, on the other hand, concentrates on decision making and the future with an emphasis on what we are doing now and where we will be in the future financially (Suleman et al. 2019).

Financial management is a combination of science and art that discusses, studies and analyzes finances to find funds, manage funds, and distribute funds (Fahmi 2020). Financial management can be interpreted as part of economics which studies the function of obtaining funds and the function of investment (Rokhmawati 2016 According to Musthafa (2017) financial management (financial management) explains several decisions that must be made, namely decisions about investment (investment decisions), funding decisions or decisions to fulfill fund needs (financing decisions), and dividend policy decisions (dividend policy). which is also known as a profit-sharing decision.

Financial management research is a research activity in the field of financial management which is carried out in a systematic, empirically controlled and critical way to the phenomena that occur by using theories and hypotheses as the basis. Systematic research shows that research is based on logical relationships and not mere beliefs. In this case, the research will involve an explanation of the method used to collect data, will state that the results obtained have meaning and will explain all the limitations associated with it so that the research objectives can be achieved in the form of describing, explaining, providing understanding, criticizing and analyzing.

Relevant Research

Table 2. Relevant research

No	Name Researcher	Title Study	Type Study	Results Study
1.	Hutagalung, Dwi Cahyo Utomo (2017)	Meta-Analysis of Research Variations from Accounting Researchers in Indonesia.	This research is a qualitative research	Based on the results of this study identify the results of research conducted by accounting researchers into a variety of categories. From the results of the study that accounting research conducted by researchers in Indonesia is not varied because there are significant differences in terms of quantity, especially in the category of research types, data collection techniques, and qualitative data analysis methods.
2.	Ni Luh Putu Ananda Saraswati and I Nengah Eka Mertayasa (2020)	Chemistry Practicum Learning During the Covid-19 Pandemic: Qualitative Content Analysis Trends in Using Online Technology.	This research was conducted through qualitative content analysis.	The results showed that practical lectures with online technology were effectively carried out as much as 75% of the total practicum lectures in one semester with a duration of 1 to 3 hours per meeting.
3.	Teofanny Suci Waworuntu, Elvis Sumanti, and Eva	Meta-Analysis Of Accounting Research In Klabat University.	This study uses a descriptive qualitative methodology with a meta-analysis technique using	The results of the research that accounting research at the University of Klabat, the most widely conducted research is in the field of Non-Accounting Choice:

No	Name Researcher	Title Study	Type Study	Results Study
4.	Christa Waworuntu (2020) Rahmi Agustia Widestra and Yulia Herlina Putri (2019)	Meta-Analysis of the Implementation of the Educational Science Foundation in the Development of LKS Based on the Science Process Skills Approach in Physics Learning.	qualitative content analysis. This research is a meta-analysis with a qualitative approach. The analysis was carried out in a qualitative descriptive manner using content analysis which was adapted to the research objectives.	finance and topical areas such as Credit, Auditing, AIS and Taxes are research areas that are rarely studied. Based on the results of the study, it shows that the 10 articles that have been analyzed implement at most only three philosophical foundations, psychological foundations and social foundations. There are 9 out of 10 articles with a percentage of 60% in the sufficient category, and 1 article with a percentage of 40% in the poor category.
5.	Atika Rizki (2020)	Meta-Analysis: Research Variations for Undergraduate Accounting Students at Medan Area University.	This research includes qualitative descriptive research using qualitative content analysis data analysis techniques.	Based on the results of the mapping research, it shows that there are still many studies that tend to still use mainstream approaches and fields of study.
6.	Bilhakil Putra Yulisman, Intan Faradila, and Usmeldi (2019)	Meta Analysis of Implementation of Educational Foundations in Developing Student Books Using Problem Based Learning Models for High Schools.	This research is a meta-analysis with a qualitative approach. The analysis was carried out in a qualitative descriptive manner by using a content analysis method that was adapted to the research objectives.	Based on the results of the study that the use of the Problem Based Learning Model for high school as a whole is quite and good.

Sources: Utomo (2017), Saraswati and Mertayasa (2020), Waworuntu with Sumanti and Waworuntu (2020), Widestra and Putri (2019), Rizki (2020), Yulisman et al. (2019).

3. Research Methods

This research is a qualitative meta-analysis research that uses data analysis methodology, namely qualitative content analysis techniques. An analytical approach that utilizes a qualitative approach with systematic and analytical qualities is included in the content analysis technique. This study uses qualitative research, this research is used in accordance with the aim of describing Meta Analysis of Variations in Undergraduate Research for Financial Management Students in Indonesia. The data mapping is done by classifying the data into several categories. The first is the theme category in the field of Financial Management, namely Financial Performance (Fahmi 2020), Portfolio and Investment (Musthafa 2017), Financial Ratios (Sujarweni 2020) and Taxes (Casavera 2019).

The data analysis technique used is in the form of meta-analysis using qualitative content analysis. Content analysis is a research technique that collects and analyzes the content of a text. Content analysis is a research method that does not use humans as the object of research. Content analysis uses symbols or text in certain media, then the symbols or text are processed and analyzed. An analytical approach that utilizes a qualitative approach with systematic and analytical qualities is included in the content analysis technique. The complexity of the analytical process requires both deductive and inductive thinking. This method also produces interpretations that are given descriptively and cannot be tested statistically according to Kohlbacher in Helaluddin and Wijaya (2019), Qualitative content analysis refers to the analysis of the material in each of its implementation procedures. The steps that must be followed are as follows: Selecting five theme categories, analyzing research categories in the field of financial management and selecting 60 research articles. The results of the analysis are interpreted into descriptive analysis and percentages to determine the results of the study. Then the researcher made a conclusion.

Data was categorized into several categorizations using a qualitative content analysis approach that served as a reference but was not rigid enough to allow for the addition of new concepts or categorizations during the data collection and analysis process. After the sample is categorized, it will be mapped in the form of graphs and tables, with a conclusion at the end of the procedure. Data mapping is done by classifying data into various groups, namely the theme category in the field of Financial Management, the type of research category, the category of data sources, the category of data collection techniques and the category of research subjects.

- 1) Theme Category in Financial Management: The category of theme selection in the field of Financial Management is Financial Performance (Fahmi 2020), Portfolio and Investment (Musthafa 2017), Financial Ratios (Sujarweni 2020) and Tax (Casavera 2019).
- 2) Categories of Research Types: There are categories of qualitative and quantitative research types (Yusuf 2017).
- 3) Data Source Category: There is a research data source category, which is divided into two subcategories: primary data and secondary data (Sugiyono 2018).
- 4) Category of Data Collection Techniques: The category of data collection techniques is divided into four subcategories including observation, interviews, documentation and combinations (Sugiyono 2018).

- 5) Research Subject Category: Research subjects are divided into five subcategories: government units/agencies/institutions, private companies, banks, BUMN and the Indonesia Stock Exchange.

A total of 60 articles were collected from sampling. Sampling was carried out to obtain research data with the following criteria:

- 1) The sample focuses on research in the field of Financial Management in Indonesia that has been published, can be accessed or obtained through <https://scholar.google.com>.
- 2) The sample only focuses on research in the field of Financial Management in Indonesia in the last two years, namely the range from 2020 to 2021.
- 3) The sample was taken in research in the field of Financial Management in Indonesia which is a collection of online archive pages with pages <https://scholar.google.com>.
- 4) The sample focuses on research in the field of Financial Management in Indonesia which has several categories, namely the theme category in the field of financial management, the research type category, the data source category, the data collection technique category and the research subject category.

Table 3. Distribution of research places

No.	The place	Research Articles
1	Sumatra	10
2	Sulawesi	10
3	Borneo	10
4	Java	10
5	Papua	10
6	NTB and Bali	10
	TOTAL	60

Source: <https://scholar.google.com> and journal.syntaxliterate.co.id (2020-2021)

4. Data Collection

The data collection technique in this research is documentation. Documentation is a method of gathering information from written artifacts, such as archives, and includes books on ideas, theories, debates, or laws, as well as other material related to the author's problems.

5. Results and Discussion

5.1 Numerical Results

The results of this study contain research data in the form of the final results of various research conditions in the Financial Concentration Management Field in Indonesia. How is the condition of research variations in the Financial Concentration Management in Indonesia as a whole from the research samples that have been taken. The data collection in this study was carried out from April 1, 2022 to April 20, 2022. To obtain research data, it begins by collecting research articles in the field of Financial Management. Furthermore, screening is carried out to select research data that fits the criteria. The data of this research amounted to 60 research articles in the field of Financial Management that were in accordance with the research criteria and could be analyzed from the research data collected. The research data are as follows:

Table 4. Research data in the field of financial management for 2020-2021

No	Research title	Theme	Types of research	Data source	Data collection technique	Research subject
1	Financial Management Analysis in an Effort to Increase Revenue at Borneo Mini Waterpark Banjarmasin	Financial performance	Qualitative	Primary data	Interview And Documentation	Private companies
2	Ratio Analysis To Assess Financial Performance At Zahra Palaihari Pharmacy	Financial Ratios	Qualitative	Primary data	Interviews And Documents	Private companies
3	Financial Ratio Analysis At Pt. Beautiful Trading Business Banjarmasin	Financial Ratios	Qualitative	Secondary Data	Document	Private companies
4	Financial Ratio Analysis To Measure Financial Performance At Pt. The Immortal Mighty Son of Tanah Bumbu Regency	Financial Ratios	Qualitative	Primary data	Interviews And Documents	Private companies
5	Analysis of the Use of Financial Performance Ratios at Pt. Bata Tbk Shoes	Financial Ratios	Qualitative	Secondary Data	Document	Private companies
6	Financial Ratio Analysis to Assess Financial Performance on Mobile Phones in Salam Babaris Village, Tapin Regency	Financial Ratios	Qualitative	Secondary Data	Document	Private companies
7	Financial Performance Analysis on Cv. Astan Technical Works Banjarbaru	Financial performance	Qualitative	Secondary Data	Document	Private companies

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No	Research title	Theme	Types of research	Data source	Data collection technique	Research subject
8	Financial Performance Analysis on Cv. Tanjung Dewa Putra Banjarbaru	Financial performance	Qualitative	Secondary Data	Document	Private companies
9	Analysis of Financial Performance in Land Transport Organizations (Organda) in Tanah Bumbu Regency	Financial performance	Qualitative	Primary data	Interview And Observation	Private companies
10	Financial Performance Analysis At Pt. Sat Nusapersada Tbk Listed on the Indonesia Stock Exchange	Financial performance	Quantitative	Secondary Data	Document	Indonesia stock exchange
11	Effect of Firm Size, Profitability, Dividend Policy, Environmental Accounting, Leverage and Liquidity on Firm Value	Portfolio And Investment	Quantitative	Secondary Data	Document	Indonesia stock exchange
12	Effect of Capital Structure, Dividend Policy and Investment Decisions on Firm Value	Portfolio And Investment	Quantitative	Secondary Data	Document	Indonesia stock exchange
13	Influence of Economic Value Added, Composition of Independent Board of Commissioners and Return on Assets on Company Value	Portfolio And Investment	Quantitative	Secondary Data	Document	Indonesia stock exchange
14	Effect of Capital Structure, Major Ownership and Financial Performance on Firm Value	Portfolio And Investment	Quantitative	Secondary Data	Document	Indonesia stock exchange
15	Analysis of the Influence of Cr, Roe and Per on Banking Stock Prices in IDX in 2017-2019	Financial Ratios	Quantitative	Secondary Data	Document	Indonesia stock exchange
16	The Impact of the Covid-19 Pandemic on the Regional Financial Performance of Southeast Minahasa Regency	Financial performance	Quantitative	Secondary Data	Document	Government agencies
17	Health Analysis of Loan To Deposit Ratio on Credit Distribution Performance at Pd Bpr Central Lombok West Nusa Tenggara	Financial Ratios	Qualitative	Secondary Data	Interviews And Documents	Bank
18	Business Risk and Profitability at Conventional BPR in West Nusa Tenggara	Financial Ratios	Qualitative	Secondary Data	Interviews And Documents	Bank
19	The Effect of Family Work Conflict on the Financial Performance of Nurses Mediated by Work Stress at the Mental Hospital of NTB Province	Financial performance	Qualitative	Primary data	Interviews And Documents	Government agencies
20	The Effect of Financial Literacy and Social Capital on Financial Inclusion of Working Age People in Sumbawa	Portfolio And Investment	Quantitative	Primary data	Observation	Government agencies
21	Liquidity Ratio Analysis And Profitability To Assess Financial Performance	Financial Ratios	Quantitative	Secondary Data	Document	Private companies
22	Financial Performance Assessment Based on Ratio Analysis at Pt. Magnum Attack in Malang City	Financial Ratios	Qualitative	Secondary Data	Document	Private companies
23	Effect of Capital, Length of Business, Hours of Work, Location and Quality of Business Products on Income of Dinoyo Market Traders, Malang City	Portfolio And Investment	Quantitative	Primary data	Observations And Documents	Private companies
24	Profitability Ratio Analysis, Liquidity, Solvency and Activities on Financial Performance	Financial Ratios	Quantitative	Primary data	Observations and Documents	Private companies
25	The Effect of Debt To Asset Ratio and Current Ratio on Return On Assets at Pt Indocement Tunggal Prakasa Tbk Period 2010-2019	Financial Ratios	Quantitative	Secondary Data	Document	Indonesia stock exchange
26	Analysis of Good Corporate Governance Mechanisms (Institutional Ownership, Managerial Ownership, Trade Division Managers and Savings and Loans Division Managers) To Measure The Level Of Corporate Governance In KPRI Universitas Brawijaya	Portfolio And Investment	Quantitative	Secondary Data	Document	Indonesia stock exchange
27	The Effect of Dividend Policy, Liquidity and Solvency on the Value of Banking Companies Listed on the Stock Exchange for the 2015-2019 Period	Financial Ratios	Quantitative	Secondary Data	Document	Indonesia stock exchange
28	Analysis of the Effectiveness and Contribution of Taxes, Transfer Fees and Motor Vehicle Fuel Taxes for DKI Jakarta Province 2014-2018	Tax	Qualitative	Secondary Data	Interviews And Documents	Government agencies
29	The Effect of Liquidity, Profitability, Leverage and Bond Guarantees on Bond Ratings in the Financial Sector Listed on the Indonesia Stock Exchange for the 2016-2019 Period	Financial Ratios	Quantitative	Secondary Data	Document	Indonesia stock exchange
30	Analysis of the Effect of Financial Inclusion on Bank Stability in Indonesia	Portfolio And Investment	Quantitative	Secondary Data	Document	Bank
31	Meta-Analysis: Research Variations for Undergraduate Accounting Students, Medan University Area	Portfolio And Investment	Qualitative	Primary data	Observation	Private companies
32	Cooperative Development in the Muhammadiyah Branch of Sukasari Village in Building the People's Economy after the Covid 19 Pandemic	Portfolio And Investment	Qualitative	Primary data	Observation	Private companies
33	The Effect of Islamic Financial Literacy and Shariah Governance on Student Decisions in Using Sharia Banking Services (Case Study: Sharia Financial Management Student Uin Sts Jambi)	Financial performance	Quantitative	Primary data	Combined	Private companies
34	Evaluation of Management and Finance Performance of the Government of South Sumatra Province for Fiscal Year 2014-2018	Financial performance	Quantitative	Secondary Data	Document	Government agencies
35	The Effect of Financial Performance on Stock Returns in Banking Companies Listed on the Indonesia Stock Exchange (IDX) for the 2016-2019 period	Financial performance	Quantitative	Secondary Data	Document	BUMN
36	Income Growth Analysis In Increasing Company Profits At Pt. Perkebunan Nusantara LII (Persero) Medan	Financial Ratios	Qualitative	Secondary Data	Document	Private companies
37	The Effect of Financial Literacy on Financial Behavior and Income on Investment Decisions of Housewives in the Multiwahana Complex Rt 68 Rw28 Sako Palembang	Portfolio And Investment	Qualitative	Primary data	Combined	Private companies
38	Optimal Portfolio Strategy on Lq 45 Stocks to Determine Investment Options	Portfolio And Investment	Quantitative	Secondary Data	Document	Indonesia stock exchange
39	Analysis of Factors Affecting Working Capital (Empirical Study on Manufacturing Sector Companies Listed on the Indonesia Stock Exchange)	Portfolio And Investment	Quantitative	Secondary Data	Document	Indonesia stock exchange
40	Moderation of Financial Inclusion on the Relationship between Financial Literacy and Capital Structure Decisions in Palembang City MSMEs	Portfolio And Investment	Quantitative	Secondary Data	Document	Private companies

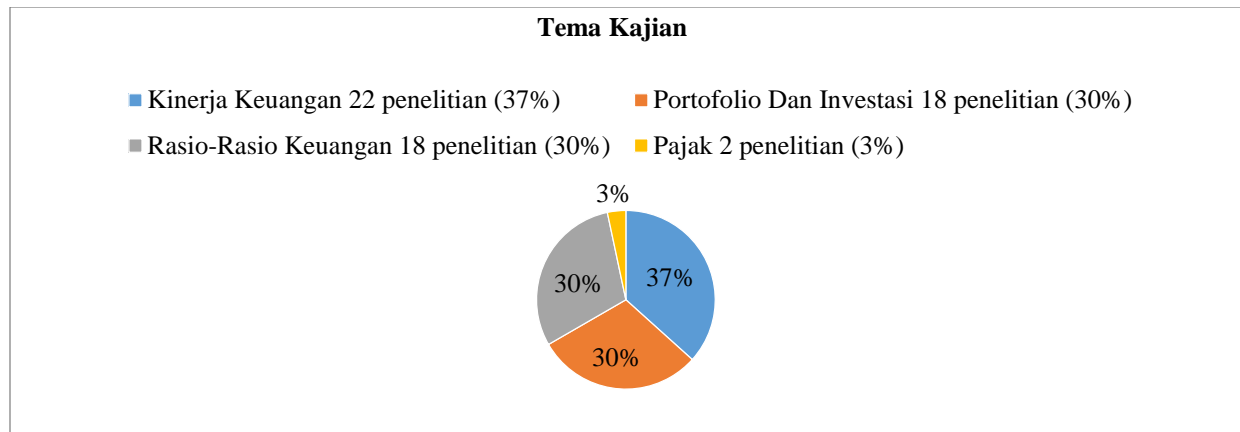
No	Research title	Theme	Types of research	Data source	Data collection technique	Research subject
41	Analysis of the Effectiveness of Capital Expenditure Management at the Department of Human Settlements and Water Resources of Central Sulawesi Province	Portfolio And Investment	Qualitative	Secondary Data	Document	Government agencies
42	The Effect of Capital Mobility on Economic Growth	Portfolio And Investment	Quantitative	Secondary Data	Document	Government agencies
43	Analysis of Hospitality Financial Performance Due to the Covid 19 Pandemic	Financial performance	Quantitative	Secondary Data	Document	Private companies
44	Expenditure Effectiveness and Efficiency in Bappeda of Central Sulawesi Province	Financial performance	Quantitative	Secondary Data	Document	Government agencies
45	Effect of Inflation, Liquidity, and Rupiah Exchange Rate on Stock Prices in Mining Companies Listed on the Indonesia Stock Exchange	Financial Ratios	Quantitative	Secondary Data	Document	Indonesia stock exchange
46	Literacy and Digital-Based Financial Management Model for MSMEs in Boalemo District, Gorontalo Province	Portfolio And Investment	Qualitative	Primary data	Observation	Private companies
47	The Influence of Financial Literacy, Financial Management on MSME Finances in Gemeh Village, Talaud Islands Regency	Portfolio And Investment	Quantitative	Secondary Data	Document	Private companies
48	Comparative Analysis of Regional Financial Performance in Three Cities in North Sulawesi (Study on Manado City, Bitung City and Tomohon City)	Financial performance	Quantitative	Secondary Data	Document	Government agencies
49	Analysis of the Financial Performance of the Office of Cooperatives, MSMEs, Industry and Trade, Mamasa Regency, West Sulawesi Province	Financial performance	Quantitative	Secondary Data	Document	Government agencies
50	Analysis of the Effectiveness of Capital Expenditure Management at the Department of Human Settlements and Water Resources of Central Sulawesi Province	Portfolio And Investment	Qualitative	Secondary Data	Document	Government agencies
51	MSME Assistance in Business Financial Management to Improve Community Economy in Abepura Jayapura District	Financial performance	Qualitative	Primary data	Observation	Private companies
52	Analysis of Financial Performance in the Cooperative Employees Sejahtera Abadi Pt. Bank Papua Timika Branch	Financial performance	Qualitative	Secondary Data	Document	Private companies
53	Financial Management Leading Program for Human Resources Construction in Technical Guidance Activities for Papuan Indigenous Entrepreneur Contracting Managers	Financial performance	Qualitative	Primary data	Observation	Private companies
54	Company Financial Performance Analysis At PT. Papua Regional Development Bank Based on Financial Ratio Analysis	Financial performance	Qualitative	Secondary Data	Document	Private companies
55	Financial Performance Analysis of PT. Papua TV In Jayapura	Financial performance	Quantitative	Primary data	Observation	Private companies
56	Financial Performance and Accountability for the Management of Special Autonomy Funds for the Education Sector in Papua Province	Financial performance	Qualitative	Primary data	Observation	Government agencies
57	Simple Financial Statement Preparation Training for Students of the Faculty of Economics, Muhammadiyah University, Sorong	Financial Ratios	Qualitative	Primary data	Observation	Private companies
58	Regional Financial Capability Index in Papua Province	Financial performance	Quantitative	Secondary Data	Document	Government agencies
59	Analysis of Financial Access and Micro Business Development in the RI-PNG Border Area	Financial performance	Qualitative	Primary data	Observation	Private companies
60	Analysis of the Efficiency and Effectiveness of Papua Government Financial Management During the Covid-19 Pandemic	Financial Ratios	Quantitative	Secondary Data	Document	Government agencies

Source: processed by the author 2022

The results of mapping the condition of research variations in the field of financial management in Indonesia show that the Theme Category in Financial Management that is most widely used in research in the field of financial management in Indonesia is financial performance at 37% with a total of 22 studies from 60 research samples. Second, in the type of research category, most of the samples included in the type of qualitative research with a figure of 54% totaling 27 studies from 60 research samples. The analysis of these three studies involves data sources up to 70% of research results using secondary data totaling 42 studies from 60 research samples. Fourth, in the category of data collection methods Documentation studies are the most frequently used method with a percentage of 75% totaling 45 studies from 60 research samples. Furthermore, In the research subject category, the mapping results show that private companies is the most frequently used research subject with a percentage of 48% totaled 29 studies from 60 research samples.

5.2 Graphical Results

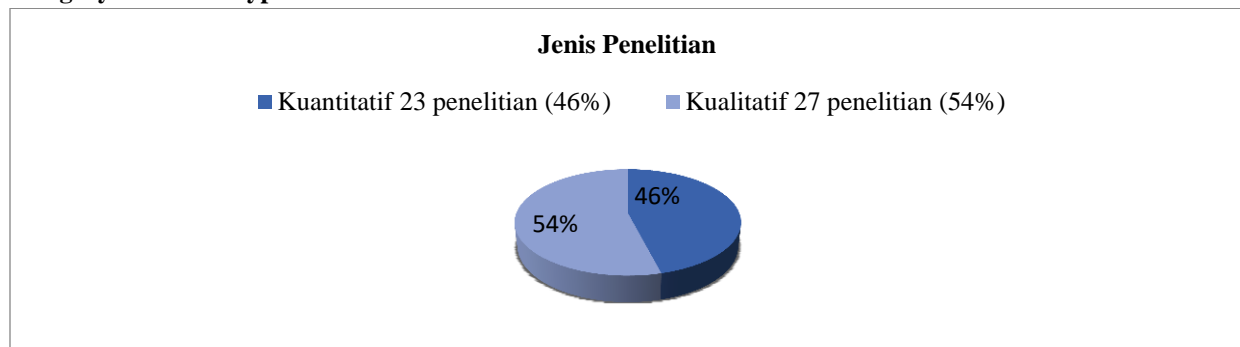
Category of Study Themes in the Field of Financial Management



Source: Primary data management, 2022

Figure 1. Financial management theme categories

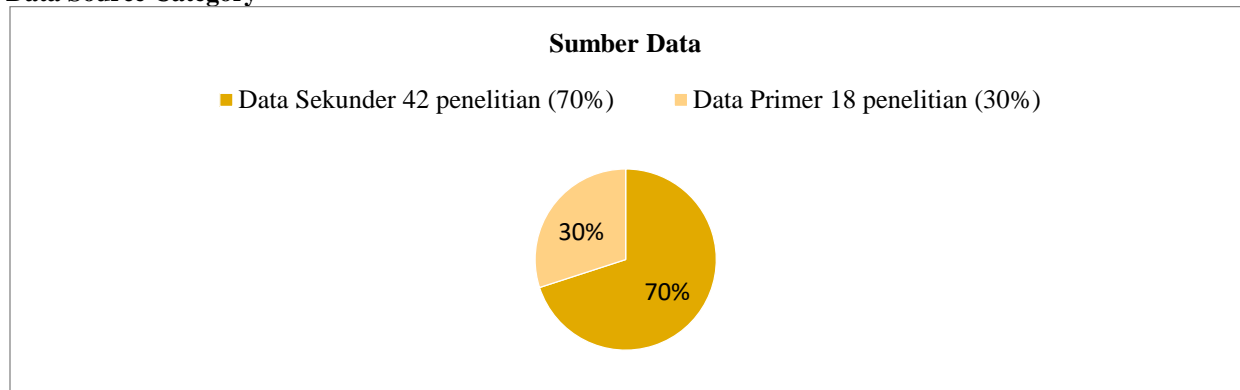
Category Research Type



Source: Primary data management, 2022

Figure 2. Categories of research types

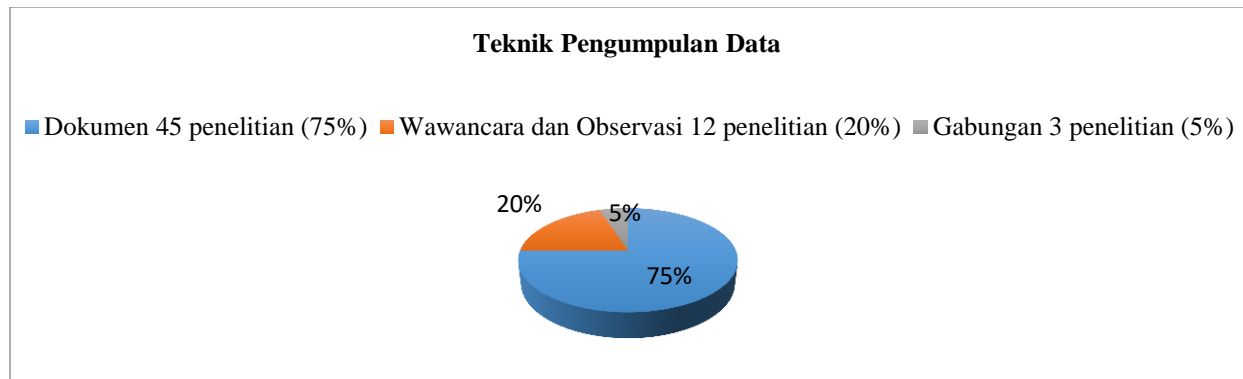
Data Source Category



Source: Primary data management, 2022

Figure 3. Categories of data sources

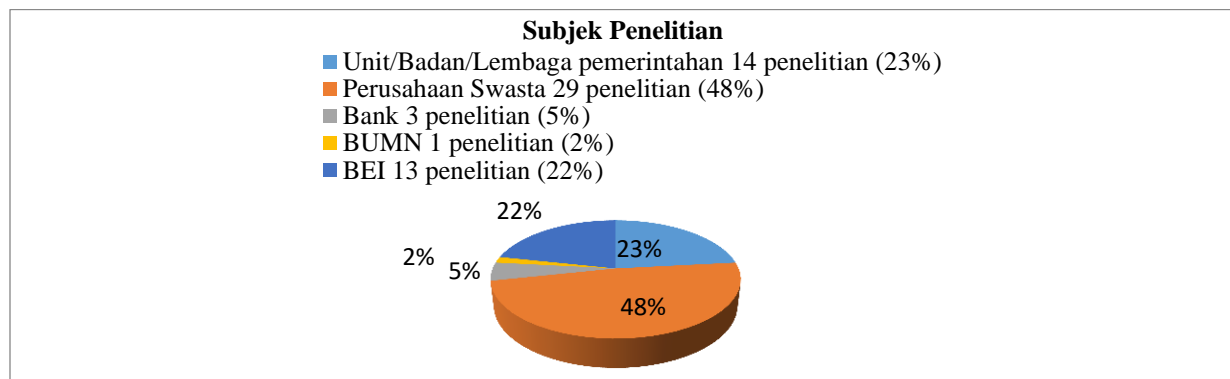
Mapping of Categories of Data Collection Techniques



Source: Primary data management, 2022

Figure 4. Categories of data collection techniques

Research Subject Category Mapping



Source: Primary data management, 2022

Figure 5. Categories of research subjects

Discussion

Mapping of Theme Categories in the Field of Financial Management

Shows that the Theme Category in Financial Management that is most widely used in research in the Financial Management Sector in Indonesia is at the proportion of 37%, financial performance. Unexpectedly, a lot of research has been conducted in the field of financial management, considering that the main focus is on financial performance, many researchers conduct research on financial performance. Financial management research aims to provide knowledge references that are very useful for future researchers. Financial performance also refers to secondary data sources that are currently accessible. The second and third most widely used theme categories in financial management are financial ratios and portfolios and investments with a percentage of 30%. Several factors explain why financial ratios are in great demand. Ratio analysis is the fastest method to adopt in a company's performance, and ratio analysis also produces information that is easier to read and understand than detailed and complex financial reports. Financial management explains about several decisions that must be made, namely decisions about investment, funding decisions or decisions to fulfill funding needs and dividend policy decisions which are also known as profit sharing decisions. Meanwhile, in the fourth place, the lowest rank for the theme category in the field of financial management of interest is the 3% tax theme category. The low interest of researchers in the topic of taxation and the difficulty of collecting data are the main reasons for the low interest in this topic.

Mapping Category Research Type

The complete sample mostly belongs to the category of qualitative research, according to the results of mapping the full sample. The tendency for faster data collection and processing is the main reason why researchers often use qualitative methodologies. In addition, qualitative research references and literacy are much more valuable than quantitative research.

Data Source Category Mapping

The analysis of these three studies concerns the data sources. Up to 70% of research results use secondary data while 30% use primary data. Ease of data collection, making secondary data the most widely used type of data source.

Mapping of Categories of Data Collection Techniques

Documentation studies are the most frequently used method, with a percentage of 75%. Documentation studies usually use secondary data. Documentary research approach is generally used because data collection is simple, especially online, such as financial records and annual reports which can be accessed from the official website of the Indonesia Stock Exchange and can be used at low prices. used by academics.

The second most popular method, which accounts for 20% of all usage, is interview and observation techniques. With interviews and observations, data that is directly related to the specific behavior of the subject is captured immediately and does not depend on memory, and data can be obtained from the subject through verbal and nonverbal communication and ranked by the three techniques used, namely the combined technique with a percentage of 5%.

Research Subject Category Mapping

The sample is divided into several parts according to the research topic. In particular, State-Owned Enterprises, State-Owned Enterprises, Private Enterprises, Banking, and the Indonesia Stock Exchange. Mapping results show that private companies is the research subject that is most often used with a percentage of 48%. However, secondly, there are government units/agencies/institutions with a percentage of 23%. Financial management material that aims to produce information in the form of: Companies that must also report financial statements rely on financial statements which is the main subject of research in the field of financial management.

Meanwhile, the Indonesia Stock Exchange ranks third as a research topic with a percentage of 22%. The ease of online data collection is the reason researchers use the IDX for their research.

Banking and SOEs, on the other hand, are research topics that According to mapping data, with 5% and 2%, it is the least used.

5.3 Proposed Improvements

The suggestion for improvement that the author can convey is that this research does not include the categories of quantitative analysis methods, basic theoretical trends, and sampling methods, and has limitations such as analyzing only the observation period from 2020 to 2021. Therefore, it is hoped that it can analyze more deeply the variation research on a larger scale. Wider range, more indicators and longer period of observation trends. As research trends in financial management develop, a systematic review in the form of meta-analytical studies is needed to integrate previous research. Meta-analysis can provide a comprehensive and meaningful explanation based on the research ability to produce new research that is more diverse in future research.

6. Conclusion

Mapping of research variations in the field of financial management has been carried out with qualitative content analysis. Meta-analysis of research in the field of financial management in Indonesia for 2020 to 2021 mapping is used, with five main categories which are then divided into more categories. The breadth of the research environment in Indonesia's financial management sector shows that there are still many studies that tend to use traditional and less creative approaches.

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