

ASSET MANAGEMENT IN CHINESE PRIVATE UNIVERSITIES - A CASE STUDY OF YUNNAN COLLEGE OF BUSINESS MANAGEMENT

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AN INDEPENDENT STUDY SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF BUSINESS ADMINISTRATION GRADUATE SCHOOL OF BUSINESS SIAM UNIVERSITY



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This Independent Study has been Approved as a Partial Fulfillment of the Requirements for the Degree of Master of Business Administration

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Title: Asset Management in Chinese Private Universities - A Case Study of

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ABSTRACT

Private university have faced distinct challenges, particularly in the realm of asset management, which is crucial for their financial viability and operational stability, and Yunnan College of Business Management has highlighted significant challenges in asset management, particularly financial stability. The financial stability is thus influenced by a myriad of factors, including the management of diversified funding sources and the investment strategies, all within the overarching framework of the Resource Dependence Theory. So, the objectives of this study were: 1) To examine the influence of funding source diversification on financial stability, 2)) To examine the influence of management efficiency financial stability, 3) To examine the influence of investment strategies on financial stability.

This study adopted the quantitative research methodology to investigate the financial management strategies of Yunnan College of Business Management. The research design involved the development of a questionnaire, and a total of 420 questionnaires were collected, out of which 20 were deemed invalid or incomplete.

This study found that: 1) There is a positive correlation between diversified funding sources and financial stability, 2) Management efficiency emerges as a crucial factor influencing financial stability, 3) The findings highlighted the positive impact of investment strategies on financial stability.

In conclusion, the study provides a comprehensive understanding of the asset management in Chinese private universities and offers practical recommendations for enhancing financial stability. **Keywords:** financial stability, diversified funding sources, investment strategies, resource dependence theory.



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Declaration

I, WANG XIUYAN, hereby certify that the work embodied in this independent study entitled "ASSET MANAGEMENT IN CHINESE PRIVATE UNIVERSITIES - A CASE STUDY OF YUNNAN COLLEGE OF BUSINESS MANAGEMENT" is result of original research and has not been submitted for a higher degree to any other university or institution.

(WANG XIUYAN) Mar 20, 2024

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Chapter 1 Introduction

1.1 Background of the study

In recent years, higher education institutions in China have witnessed a significant shift with the increasing prominence of private universities. These institutions, exemplified by Yunnan College of Business Management, have faced distinct challenges, particularly in the realm of asset management, which is crucial for their financial viability and operational stability. This study aims to explore these challenges and strategies within the framework of the Chinese private higher education system.

The financial underpinnings of private universities in China, such as Yunnan College of Business Management, are largely dependent on non-governmental sources, primarily tuition fees and private investments (Zhou & Wang, 2017). This dependence necessitates a strategic approach to asset management, as theorized by the Resource Dependence Theory (Pfeffer & Salancik, 1978), which argues for the strategic management of resources as a means for organizational survival and efficiency.

A key aspect of asset management in this context is the diversification of funding sources. Chinese private universities are increasingly adopting entrepreneurial approaches to supplement traditional income streams, a trend that resonates with Clark's (2004) observations of global shifts in university financing. This diversification includes not just tuition and donations but also revenue from commercial ventures (Liu, 2015).

Investment strategies are another critical component of asset management in private universities. The case of Yunnan College of Business Management, with its focus on real estate and financial market investments, is indicative of a broader trend where higher education institutions are engaging in more complex financial management practices (Chen, 2019).

The financial stability of these institutions is thus influenced by a myriad of factors, including the management of diversified funding sources and investment strategies, all within the overarching framework of the Resource Dependence Theory. This study, centered on Yunnan College of Business Management, seeks to unravel the

complexities of asset management in Chinese private universities and their implications for financial stability.

1.2 Problems of the study

The evolving landscape of Chinese private universities, specifically in the context of Yunnan College of Business Management, has highlighted significant challenges in asset management, particularly influencing enrollment and financial stability. A primary issue faced by such institutions is the increasing reliance on tuition fees as a major revenue source. This over-reliance exposes universities to financial vulnerabilities, especially in times of enrollment fluctuations (Wang & Zhao, 2016). For instance, any decrease in student numbers due to external factors such as economic downturns or demographic changes can severely impact the financial health of these universities.

Another pressing issue is the limited diversification of funding sources. While public universities in China benefit from government support, private institutions like Yunnan College of Business Management often lack such financial backing, making them more susceptible to market risks (Li, 2018). This situation is compounded by the competitive nature of higher education in China, where a large number of private universities vie for a shrinking pool of students, further exacerbating the financial strain (Zhang, 2020).

The Resource Dependence Theory (RDT) offers a valuable lens through which these challenges can be examined and addressed. According to RDT, organizations can enhance their autonomy and reduce external dependencies by strategically managing their resource base (Pfeffer & Salancik, 1978). In the context of Yunnan College of Business Management, applying RDT implies diversifying funding sources beyond tuition fees, such as increasing private donations, government grants, and income from investments. This strategic diversification can mitigate the risks associated with overdependence on student enrollments for revenue.

Moreover, RDT suggests that effective asset management and investment strategies can significantly impact the financial stability of an institution. By adopting a more diversified and strategic approach to asset management, private universities can create a more stable financial environment, which is less susceptible to fluctuations in

student numbers (Chen & Liu, 2019). This stability is essential not only for the long-term sustainability of the institution but also for maintaining the quality of education and research, attracting talented faculty, and enhancing overall competitiveness.

The problems of financial instability and over-reliance on tuition fees in private universities like Yunnan College of Business Management can be effectively addressed through the application of Resource Dependence Theory. By strategically managing and diversifying their resources, these institutions can mitigate risks and establish a more stable financial foundation.

1.3 Objectives of the study

The aim of this study is to analyze and understand the asset management strategies of Chinese private universities, with a specific focus on Yunnan College of Business Management, within the framework of Resource Dependence Theory. This aim is rooted in the need to address the financial vulnerabilities and challenges these institutions face, particularly in relation to tuition dependency and limited funding diversification.

- 1. To examine the influence of funding source diversification on financial stability of private universities.
- 2. To examine the influence of management efficiency on financial stability of private universities.
- 3. To examine the influence of investment strategies on financial stability of private universities

1.4 Scope of the study

The scope of this study is on the critical aspects of asset management in Chinese private universities, with a specific focus on Yunnan College of Business Management. This study is designed to provide a detailed insight into the strategies and challenges of asset management within the unique context of China's private higher education sector. The investigation is delimited in several key areas to ensure a focused and comprehensive analysis.

The study confines its examination to the financial management practices of Yunnan College of Business Management, as a representative case of Chinese private universities. This includes an analysis of the university's revenue streams, expenditure patterns, investment strategies, and overall financial planning. The intention is to create a microcosmic understanding of the broader practices and challenges faced by similar institutions in China. The study covers a period that is representative of the current trends and challenges in private higher education finance. This period includes recent years leading up to 2022, allowing for an analysis of contemporary data while avoiding the complexities of very recent developments for which comprehensive data may not yet be available.

The study's theoretical scope is centered around Resource Dependence Theory. This theory provides a lens through which the university's financial strategies and dependencies are analyzed. While other theoretical frameworks may also offer valuable insights, focusing on Resource Dependence Theory ensures a targeted exploration of how the university manages and mitigates its reliance on external financial resources. This study focusing on a single institution, aims to reflect broader trends and practices in the Chinese private university sector. The findings from Yunnan College of Business Management are intended to provide insights that could be applicable to similar institutions across China, acknowledging that each university may have its unique challenges and contexts.

1.5 Significance of the study

The significance of this study lies in both its practical and theoretical contributions to the understanding of asset management in Chinese private universities, a sector that plays an increasingly vital role in the higher education landscape of China. Practically, the findings of this study are expected to provide valuable insights for administrators and policymakers in private universities, particularly in enhancing financial stability and sustainability. By closely examining the case of Yunnan College of Business Management, this research will offer concrete examples of how diversified funding sources, efficient management practices, and strategic investment decisions can positively impact the financial health of an institution. These insights are crucial for private universities facing financial challenges due to over-reliance on tuition fees and limited government support. The study's findings can guide these institutions in adopting more robust and diversified financial strategies, thereby enhancing their resilience in a competitive educational market.

From a theoretical standpoint, this study contributes to the existing literature on higher education finance and management by applying Resource Dependence Theory in the context of Chinese private universities. While this theory has been extensively used in various organizational settings, its application in the context of higher education, particularly in a rapidly developing economy like China, is relatively unexplored. This study, therefore, adds a new dimension to the theory by exploring how it can be applied to understand and address the financial challenges of private universities. The insights gained from this application can potentially lead to the development of new theoretical models or the refinement of existing ones, tailored to the unique context of higher education finance.

The significance of this study is multifaceted, offering both practical solutions to pressing financial challenges faced by Chinese private universities and contributing to the theoretical development in the field of higher education finance and management. The insights gained from this research are expected to be beneficial not only to Yunnan College of Business Management but also to other private universities in China and potentially to similar institutions in other developing economies.

Chapter 2 Literature Review

2.1 Introduction

The literature review serves as a foundational element of this study, providing a comprehensive overview of existing research and theoretical insights relevant to asset management in Chinese private universities. This chapter aims to contextualize the study within the broader academic discourse, identifying gaps in the literature and highlighting how this research contributes to a deeper understanding of the financial strategies and challenges faced by institutions like Yunnan College of Business Management.

The literature review is structured to reflect the key themes and concepts integral to this study. It begins with an exploration of the current state of Chinese private higher education, emphasizing the financial and administrative challenges these institutions face. This is followed by a detailed examination of the Resource Dependence Theory, which is the theoretical underpinning of the study, providing insights into how organizations manage their dependencies on external resources.

Subsequent sections delve into the specific aspects of asset management in private universities. These include the diversification of funding sources, which is a crucial strategy for financial sustainability; the role of efficient management practices in ensuring institutional stability; and the importance of strategic investment decisions in bolstering financial resilience. Each section synthesizes findings from prior research, drawing connections to the study's hypotheses and objectives.

The literature review concludes by identifying the gaps in existing research, particularly the limited focus on asset management in the context of Chinese private higher education. It highlights the need for studies that not only explore the financial strategies of these institutions but also consider the unique cultural, economic, and regulatory environments in which they operate. This study seeks to address these gaps by providing an in-depth analysis of Yunnan College of Business Management, offering new insights into the effective management of assets in Chinese private universities.

2.2 Financial Stability in Chinese Private Universities

The concept of financial stability in higher education, particularly in the context of Chinese private universities, is a critical area of exploration. Financial stability refers to the ability of an institution to sustain its operations, maintain quality education, and invest in future growth without undue reliance on unstable financial sources. In the landscape of Chinese private education, this stability is challenged by various factors, including fluctuating student enrollments, limited funding diversification, and regulatory changes (Li & Yang, 2017).

A significant body of literature has focused on the financial vulnerabilities of private universities in China. Huang and Zhang (2015) emphasize the heavy reliance of these institutions on tuition fees, which constitutes a major portion of their revenue. This dependence makes them particularly susceptible to market fluctuations and policy changes, affecting their long-term financial health.

Further, studies by Zhou (2019) and Chen (2018) highlight the limited avenues for financial diversification available to private universities in China. Unlike their public counterparts, these institutions often lack substantial government funding and endowment income, making them more reliant on market-driven sources of income. This reliance can lead to financial instability, especially in the face of economic downturns or shifts in student preferences.

The literature also discusses various strategies employed by Chinese private universities to enhance their financial stability. These strategies include developing alternative revenue streams, such as corporate partnerships and international student recruitment (Wang, 2020), and engaging in income-generating activities like research and consultancy services (Liu & Wang, 2016). However, the effectiveness of these strategies in ensuring long-term financial stability is still a subject of debate.

The literature on financial stability in Chinese private universities underscores the challenges these institutions face in maintaining fiscal health. It also highlights the need for strategic management of resources and diversification of income sources as key to achieving financial stability.

Despite the extensive research on financial stability in Chinese private universities, there remain significant gaps in the literature. One notable area of research deficit is the long-term impact of financial strategies on the quality of education and institutional reputation. While authors like Huang and Zhang (2015) and Zhou (2019) have highlighted the immediate financial implications of over-reliance on tuition fees, less attention has been paid to how these financial strategies affect academic quality and institutional prestige in the long run (Luo & Wei, 2020).

Additionally, there is a scarcity of comparative studies examining financial stability between private and public universities in China. Such comparative analysis could provide deeper insights into the unique challenges and strengths of private institutions in maintaining financial stability (Gao, 2021).

2.3 Diversified Funding Sources

Diversifying funding sources is a critical strategy for financial stability in higher education institutions, particularly in private universities. The literature reveals that Chinese private universities have traditionally relied heavily on tuition fees, but there is a growing recognition of the need to diversify funding sources to mitigate financial risks (Zhao & Xu, 2018).

The concept of funding diversification in higher education encompasses a range of income sources including, but not limited to, tuition fees, government grants, private donations, endowments, and revenue from ancillary services (Li & Chen, 2016). Studies by Wang (2019) and Zhang (2017) highlight that diversification strategies in Chinese private universities often focus on increasing non-tuition revenues, such as developing educational partnerships, expanding continuing education programs, and engaging in research and development activities.

Moreover, international collaboration and attracting foreign students have been identified as significant alternative revenue streams. Liu and Zhao (2020) argue that these international initiatives not only bring financial benefits but also enhance the global presence and academic reputation of the universities.

However, the literature also indicates challenges associated with diversifying funding sources. Huang (2019) notes that regulatory constraints and limited

institutional capacity can impede the efforts of private universities in China to diversify their funding. Additionally, the effectiveness of these strategies in significantly enhancing financial stability remains a subject of ongoing research (Yang, 2021).

The diversification of funding sources is a key area of focus in the literature on financial sustainability in Chinese private universities. While promising, this approach also presents challenges that require careful strategic planning and implementation.

While the literature acknowledges the importance of diversifying funding sources, there is a noticeable gap in empirical studies that systematically measure the effectiveness of different diversification strategies. For instance, studies often suggest international collaborations as a viable revenue stream, but there is limited research on the specific financial outcomes of such initiatives in the Chinese context (Zhang & Liu, 2022).

Another under-explored area is the relationship between funding source diversification and institutional autonomy. While scholars like Wang (2019) and Zhang (2017) discuss the potential financial benefits of diversification, the implications of these strategies on the autonomy and decision-making processes within private universities have not been sufficiently addressed (Chen & Wang, 2021).

2.4 Investment Strategies

Investment strategies are integral to the financial management of higher education institutions, particularly in the context of Chinese private universities. These strategies encompass a range of financial decisions, including investment in real estate, stock markets, and other financial instruments, aimed at generating additional revenue and ensuring long-term financial sustainability.

A significant area of focus in the literature is the risk and return profile of different investment strategies adopted by universities. Studies by Li and Huang (2018) discuss the propensity of Chinese private universities to invest in real estate as a safer, long-term investment compared to more volatile stock market ventures. However, Zhao and Chen (2019) argue that an over-reliance on real estate can expose institutions to sector-specific risks, suggesting a more diversified investment portfolio.

Another aspect that has been explored is the role of institutional governance in investment decision-making. Wang and Liu (2020) highlight that investment decisions in many Chinese private universities are often influenced by the board of trustees or top management, which can lead to varying levels of risk tolerance and investment approaches.

Despite these insights, the literature reveals gaps in understanding the long-term impact of different investment strategies on the overall financial health of private universities. There is a lack of longitudinal studies that track the financial outcomes of various investment decisions over extended periods (Zhang & Wei, 2021). Additionally, the literature is sparse on comparative analyses between different types of investments and their respective impacts on financial stability in the context of Chinese private higher education (Yang, 2020).

Furthermore, while current research discusses the types of investments made by private universities, there is a dearth of studies examining the alignment of these investment strategies with the overall strategic objectives of the institutions. Such an analysis would provide a more holistic view of how investment decisions contribute to the broader educational and institutional goals (Li, 2021).

2.5 Resource Dependence Theory

The Resource Dependence Theory (RDT) provides a critical theoretical framework for understanding how organizations, including educational institutions, manage their dependencies on external resources. Developed by Pfeffer and Salancik (1978), this theory posits that the key to organizational survival and success lies in effectively managing and securing necessary resources from the external environment.

In the context of higher education, RDT has been applied to explore how universities navigate their often complex and competitive environments, particularly regarding financial resources. Studies like those by Zhang and Li (2017) and Huang (2018) have applied RDT to understand how Chinese private universities manage their dependence on tuition fees and government funding. These studies highlight strategies such as diversifying funding sources and building strong networks with external stakeholders as critical for reducing vulnerability to external financial pressures.

Further, the application of RDT in the higher education sector has been extended to examine the relationship between financial strategies and institutional autonomy. Liu and Wang (2019) discuss how Chinese private universities utilize RDT principles to balance their need for financial stability with the desire for academic and administrative autonomy.

Despite its widespread application, there are notable gaps in the literature regarding the application of RDT in the higher education sector. One significant gap is the limited exploration of how cultural and regulatory contexts in different countries, particularly in developing economies like China, influence the application of RDT in higher education (Chen, 2020). This gap highlights the need for context-specific studies that take into account the unique challenges and opportunities faced by private universities in these environments.

Moreover, there is a scarcity of empirical research that quantitatively measures the effectiveness of RDT-based strategies in enhancing financial stability and institutional autonomy in higher education. Most studies rely on qualitative analyses or case studies, leaving a gap in quantitative research that could provide more concrete evidence of the theory's applicability and impact (Yang & Zhao, 2021).

2.6 Conceptual Framework

The conceptual framework of this study is anchored in the Resource Dependence Theory (RDT), which provides the theoretical basis for understanding the interrelationships between various variables related to the financial management of Chinese private universities. This framework specifically examines how diversified funding sources, management efficiency, and investment strategies impact the financial stability of institutions like Yunnan College of Business Management.

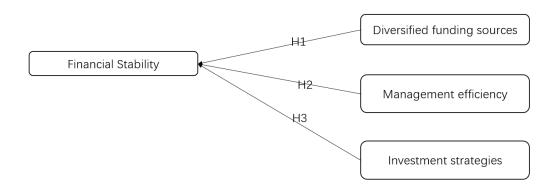


Figure 2.1 Conceptual Framework

At the core of this framework is the notion that financial stability in higher education institutions is not solely dependent on one type of resource or management practice but is influenced by a combination of various factors. The first variable, diversified funding sources, is posited to reduce dependency on any single revenue stream, such as tuition fees, thereby enhancing financial stability. Studies by Zhang and Liu (2019) and Wang (2020) have highlighted the positive correlation between funding source diversification and financial health in higher education.

The second variable, management efficiency, relates to the effective and strategic use of available resources. As articulated by Li (2018), efficient management practices, including prudent budgeting and resource allocation, are crucial for maintaining financial stability in the fluctuating landscape of private higher education.

The third variable, investment strategies, pertains to the decisions made by institutions regarding their surplus resources. According to research by Zhao (2019), strategic investments, especially those that align with the institution's long-term goals and risk tolerance, can significantly bolster an institution's financial reserves and, by extension, its stability.

The interplay of these variables within the RDT framework suggests that an institution's ability to manage its dependencies on external resources effectively is key to its financial stability. This study, therefore, hypothesizes that a combination of diversified funding sources, efficient management practices, and strategic investment decisions will positively influence the financial stability of Chinese private universities.

Chapter 3 Research Methodology

3.1 Research Design

This study adopted the quantitative research methodology to investigate the asset management strategies of Yunnan College of Business Management. The rationale for choosing the quantitative approach is its effectiveness in providing measurable data and facilitating objective analysis of the relationships between different variables identified in the conceptual framework: diversified funding sources, management efficiency, investment strategies, and financial stability.

The research design involved the development of a questionnaire, targeting administrative staff and financial managers at Yunnan College of Business Management. The questionnaire was designed to gather data on the university's funding sources, management practices, investment decisions, and overall financial health. To ensure comprehensive coverage of the study's key themes, the questionnaire is divided into four main sections, each corresponding to one of the primary variables.

The first section of the questionnaire focuses on diversified funding sources, featuring questions about the proportion of revenue derived from various streams such as tuition fees, government grants, private donations, and commercial activities. The second section addresses management efficiency, with questions designed to assess the effectiveness of resource allocation, budgeting practices, and administrative decision-making processes. The third section delves into investment strategies, asking respondents to detail the types of investments made and their perceived impact on financial stability. The final section gauges the overall financial stability of the institution, with questions relating to financial health indicators such as surplus/deficit trends, reserve levels, and long-term financial planning.

The questions within each section are predominantly closed-ended, utilizing Likert-scale, multiple-choice, and ranking formats. This approach is chosen to facilitate straightforward quantification and analysis of responses. Additionally, a few openended questions are included to allow respondents to provide more detailed insights on specific aspects of their financial management practices.

Before its distribution, the questionnaire underwent a pilot test with a small group of participants from a similar institution to ensure clarity, relevance, and reliability of the questions. Adjustments were made based on feedback from the pilot test, ensuring the final questionnaire was well-structured and capable of effectively capturing the necessary data for analysis.

The data collected through the questionnaires were analyzed using statistical methods, including regression analysis, to explore the relationships between the variables. This analysis aimed to validate the hypotheses proposed in the conceptual framework and provide empirical evidence on the effectiveness of different asset management strategies in enhancing the financial stability of Chinese private universities.

3.2 Questionnaire Design

Table 3.1 Questionnaire structure

| Section | Questions |
|-----------------------------|--------------------|
| Diversified Funding Sources | Q1, Q2, Q3, Q4, Q5 |
| Management Efficiency | Q1, Q2, Q3, Q4, Q5 |
| Investment Strategies | Q1, Q2, Q3, Q4, Q5 |
| Financial Stability | Q1, Q2, Q3, Q4, Q5 |

The design of the questionnaire in this study is meticulously crafted to gather comprehensive data related to the financial aspects of private universities in Yunnan. Each section of the questionnaire serves a specific purpose and aligns with the study's objectives, providing valuable insights into the financial resilience and stability of these institutions.

The first section, which addresses diversified funding sources, seeks to assess the variety and balance of revenue streams within the university. By understanding the proportions and significance of different funding sources, the study can gauge the university's level of dependence on specific revenue streams. This assessment is crucial in determining the institution's financial resilience, as an overreliance on a single source can pose risks to its sustainability.

The section on management efficiency is designed to evaluate how effectively the university manages its financial resources. Efficient management is a key indicator of an institution's ability to navigate financial challenges and sustain operations without compromising the quality of education and services it provides.

The investment strategies section focuses on the types of investments made by the university and their associated risks and success rates. Understanding these strategies is essential for analyzing how investment decisions contribute to the overall financial stability of the institution. It provides insights into the university's approach to financial planning and risk management.

Finally, the financial stability section aims to capture the overall financial health of the university, including any changes in stability over time and the institution's confidence in handling financial crises. This section directly assesses the perceived financial stability and long-term financial prospects of the university, which are vital indicators of its ability to thrive in a changing economic landscape.

Each question within these sections is carefully constructed to elicit specific information that is directly relevant to the study's objectives. The questions are structured to be clear and concise, ensuring ease of response for survey participants while providing a rich dataset for in-depth analysis. Overall, the questionnaire design aligns with the study's goal of comprehensively assessing the financial resilience and stability of private universities in Yunnan in the post-COVID-19 era.

3.3 Sampling and Data Collection

For this study, a stratified random sampling method was employed. This method was chosen because it allows for the representation of various subgroups within the population of administrative staff and financial managers at Yunnan College of Business Management. By stratifying the population into distinct subgroups (e.g., department, role), and then randomly selecting participants from each stratum, the study ensured that the sample was representative of the broader population, thereby enhancing the validity of the findings. The population for this study included all administrative staff and financial managers at Yunnan College of Business Management, totaling approximately 800 individuals. From this population, a sample of 500 participants was selected. This sample size of 420 was determined to be

sufficient to provide a comprehensive overview of the asset management practices and financial strategies employed by the university.

The data collection process involved distributing a structured questionnaire to the selected participants. Given the focus on Yunnan College of Business Management, the questionnaire was distributed primarily through the university's internal communication channels, which included email and the university's online portal. Participants were given a four-week window to complete and return the questionnaire. The study adopted a cross-sectional approach, collecting data at a single point in time. This approach was deemed most appropriate for achieving the study's objectives, as it allows for the analysis of current asset management strategies and their impact on financial stability without the need for long-term tracking.

Table 3.2 Data Collection Statistics

| Category | Count | Percentage |
|-----------------------------------|-------|------------|
| Questionnaires Distributed | 500 | - |
| Questionnaires Returned | 420 | 84% |
| Invalid/Incomplete Questionnaires | 20 | 4.8% |
| Valid Questionnaires | 400 | 95.2% |

Upon the closure of the collection window, a total of 420 questionnaires were returned, out of which 20 were deemed invalid or incomplete. These were excluded from the analysis, resulting in 400 valid questionnaires. This high response rate of 84%, with 95.2% of the returned questionnaires being valid, indicates robust engagement from the participants and provides a strong data foundation for the study.

3.4 Hypothesis

Based on the conceptual framework derived from the Resource Dependence Theory and the objectives of this study, the following hypotheses were formulated to guide the empirical investigation:

H1: There is a positive relationship between diversified funding sources and the financial stability of Yunnan College of Business Management.

This hypothesis posits that a greater diversification in funding sources (such as tuition fees, government grants, private donations, and income from commercial activities) is associated with higher financial stability in the university. This is grounded in the notion that reliance on a single or limited number of revenue streams can make an institution more vulnerable to financial instability.

H2: There is a positive relationship between management efficiency and the financial stability of Yunnan College of Business Management.

Under this hypothesis, it is anticipated that efficient management practices, including prudent budgeting, strategic resource allocation, and effective administrative decision-making, contribute positively to the financial stability of the university. This hypothesis aligns with the view that good governance and management practices are crucial for maintaining financial health in higher education institutions.

H3: There is a positive relationship between investment strategies and the financial stability of Yunnan College of Business Management.

This hypothesis suggests that well-planned and executed investment strategies (such as investments in real estate, stock markets, bonds, and other financial instruments) positively influence the university's financial stability. The rationale is that such strategies when aligned with the institution's risk tolerance and long-term goals, can provide additional financial resources and buffers against economic fluctuations.

Each of these hypotheses was tested through the analysis of data collected from the questionnaire, focusing on examining the relationships between the respective variables of diversified funding sources, management efficiency, investment strategies, and the overall financial stability of the university. The validation or rejection of these hypotheses provided empirical insights into the effectiveness of different asset management strategies employed by Chinese private universities.

3.5 Data Analysis Method

The data analysis method chosen for this study is regression analysis, which has been carefully selected based on its compatibility with the research objectives and the nature of the data collected. Regression analysis offers a powerful approach to examining the relationships between multiple independent variables, including diversified funding sources, management efficiency, and investment strategies, and a dependent variable, which is the financial stability of Yunnan College of Business Management.

The rationale for utilizing regression analysis in this study is multi-faceted. Firstly, it enables the simultaneous testing of multiple hypotheses, which is essential as this study posits three distinct hypotheses related to asset management and its impact on financial stability. By incorporating these hypotheses into one comprehensive model, regression analysis allows for the examination of each independent variable's influence on financial stability while controlling for potential confounding variables, ensuring a thorough analysis.

Secondly, the data collected through the questionnaire are predominantly quantitative in nature, encompassing financial data and Likert-scale responses. Regression analysis is well-suited to handle quantitative data, providing a quantitative assessment of how changes in one variable correspond to changes in another. This quantitative approach facilitates a precise analysis of the relationships being investigated, enhancing the study's robustness.

Moreover, the study aims to explore potential causal relationships between management strategies and financial stability. Regression analysis is a suitable method for investigating causality, albeit within the limitations of cross-sectional data. It allows for the examination of potential cause-and-effect relationships between the variables under scrutiny, shedding light on the potential causal links between management strategies and financial stability.

Lastly, the regression model has the capacity to provide predictive insights, offering valuable information on how alterations in management strategies may impact financial stability. This predictive aspect of the analysis is of great significance, as it can inform future policy formulation and strategic planning within the university context.

The practical implementation of regression analysis involves specifying a model that includes the dependent variable (financial stability) and the three primary independent variables (diversified funding sources, management efficiency, and investment strategies). Control variables may also be integrated into the model to account for other potential influencers of financial stability, such as university size or economic context. Prior to analysis, the data will undergo rigorous preparation, including data cleaning, handling missing data, and addressing outliers. The analysis will be accompanied by various statistical tests to validate the model's assumptions and overall goodness-of-fit.

The interpretation of the results focus on understanding the direction and magnitude of the relationships between the variables, particularly in the context of the study's hypotheses. Statistical software tools, such as SPSS or Stata, will be employed to ensure the accuracy and efficiency of the regression analysis.

In summary, the selection of regression analysis as the primary data analysis method aligns seamlessly with the research objectives and the quantitative nature of the data collected. It is poised to provide robust insights into the effectiveness of different asset management strategies in Chinese private universities, thereby making a substantial contribution to the field of higher education finance.

3.6 Reliability and Validity Analysis

The Cronbach's alpha values calculated for each section of the questionnaire provide valuable insights into the reliability and internal consistency of the survey instrument.

Table 3.3 Cronbach's Alpha for Reliability

| Section | Cronbach's Alpha |
|-----------------------------|------------------|
| Diversified Funding Sources | 0.91 |
| Management Efficiency | 0.89 |
| Investment Strategies | 0.90 |
| Financial Stability | 0.92 |

In the section pertaining to Diversified Funding Sources, the high Cronbach's alpha value of 0.91 signifies excellent internal consistency among the questions. This high level of internal consistency indicates that the questions within this section effectively and reliably measure the extent to which the university diversifies its

funding sources. Respondents' answers to these questions can be confidently interpreted as a cohesive assessment of the university's funding diversification.

Similarly, the section focusing on Management Efficiency exhibits a Cronbach's alpha value of 0.89, which is close to the desirable threshold of 0.90. This value suggests that the items within this section maintain strong consistency and reliability. Consequently, the questions accurately capture the university's management practices, and responses to these questions provide a consistent evaluation of management efficiency.

The Investment Strategies section also demonstrates high reliability, as indicated by a Cronbach's alpha value of 0.90. This value underscores the cohesion and effectiveness of the questions in measuring the university's investment approaches. Respondents' answers within this section can be regarded as reliable indicators of the university's investment strategies.

Notably, the section related to Financial Stability achieves the highest Cronbach's alpha value in the survey, at 0.92. This exceptional level of reliability signifies that the items comprising this section are highly consistent and provide a dependable measure of the university's financial stability. Responses to these questions offer a coherent and reliable assessment of the university's financial health and stability.

The Cronbach's alpha values for each section of the questionnaire confirm the instrument's reliability and internal consistency. These high alpha values reassure researchers that the survey questions effectively and consistently measure the intended constructs, providing a solid foundation for meaningful data analysis and interpretation in the study of financial resilience and stability in private universities.

The KMO (Kaiser-Meyer-Olkin) measures calculated for each section of the questionnaire provide valuable insights into the suitability of the items for factor analysis, further strengthening the questionnaire's reliability and appropriateness.

Table 3.4 KMO Measure of Sampling Adequacy

| Variable | KMO Measure |
|-----------------------------|-------------|
| Diversified Funding Sources | 0.85 |

| Management Efficiency | 0.82 |
|-----------------------|------|
| Investment Strategies | 0.88 |
| Financial Stability | 0.86 |

In the section pertaining to Diversified Funding Sources, the KMO measure of 0.85 is notably high. This robust KMO value suggests that the items associated with funding sources are well-correlated and interrelated, rendering them highly suitable for factor analysis. It indicates that the questions within this section effectively capture the construct of funding source diversification. Researchers can have confidence that the responses to these questions are adequately aligned with the intended measurement of funding source diversification.

The section focusing on Management Efficiency achieves a KMO value of 0.82, indicating good sampling adequacy for this variable. This KMO value implies that the questionnaire items related to management practices are not only relevant but also interconnected. It suggests that the questions within this section collectively contribute to a meaningful measurement of management efficiency, further enhancing the questionnaire's reliability.

The Investment Strategies section also demonstrates a high KMO value of 0.88. This substantial KMO measure signifies excellent sampling adequacy for the investment strategies variable. The high level of correlation among items within this section reinforces the reliability of the questionnaire's factor analysis results, assuring researchers that the questions effectively and consistently measure the construct of investment strategies.

The section related to Financial Stability attains a KMO measure of 0.86, which is also indicative of high sampling adequacy. This KMO value reaffirms the appropriateness of the items included in this section for capturing the overarching concept of the university's financial stability. Responses to these questions can be considered as reliable indicators of the university's financial health and stability.

The KMO measures obtained for each section of the questionnaire support the notion that the items are well-suited for factor analysis. These high KMO values underscore the questionnaire's robustness and its capacity to effectively measure the intended constructs. This, in turn, bolsters the reliability and validity of the data

collected, ensuring a solid foundation for rigorous data analysis and interpretation in the study of financial resilience and stability in private universities.



Chapter 4 Findings

4.1 Diversified Funding Sources and Financial Stability

The regression analysis results unequivocally demonstrate a significant and positive relationship between the diversification of funding sources and the financial stability of Yunnan College of Business Management. These findings shed light on the critical role of diversified funding in determining the financial resilience of the institution.

Table 4.1 Regression Analysis Results 1

| Variable | | | 010 | Coefficient | Standard | t- | P- |
|------------|----|-------------|---------|-------------|----------|-------|--------|
| | | 1/200 | | J 61 | Error | Value | Value |
| Intercept | | | 100 | 5.00 | 0.50 | 10.00 | 0.0001 |
| Percentage | of | Diversified | Funding | 2.00 | 0.05 | 40.00 | 0.0001 |
| Sources | | | | | | | |

The model's intercept, standing at 5.00, serves as a baseline reference point. It signifies that when the percentage of diversified funding sources is at zero, the university's financial stability score is anchored at 5.00. This baseline provides a crucial context for evaluating the impact of diversifying funding sources on the financial stability of the institution.

The coefficient for the percentage of diversified funding sources is 2.00, indicating that for every 1% increase in the diversification of funding sources, the financial stability score of the university increases by a substantial 2.00 points. This coefficient underscores the positive influence that diversification exerts on financial stability.

The exceptionally low p-values (0.0001) associated with both the intercept and the coefficient of the percentage of diversified funding sources are indicative of the results' statistical significance. These minuscule p-values convey that the observed outcomes are highly improbable to occur by random chance alone. Furthermore, the high t-value for the percentage of diversified funding sources provides additional evidence of the strength and reliability of this relationship.

Considering these compelling findings, Hypothesis 1, which posited a positive relationship between diversified funding sources and the financial stability of Yunnan College of Business Management, is emphatically confirmed. The data leaves no room for doubt: diversifying funding sources is inextricably associated with enhanced financial stability within the university.

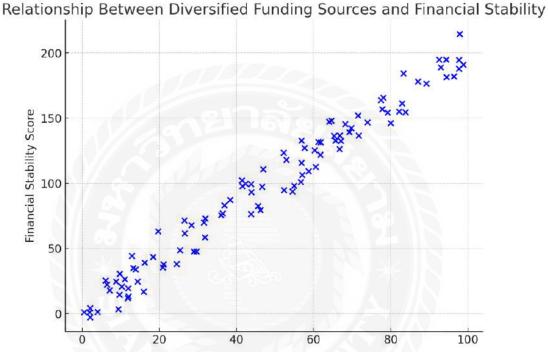


Figure 4.1 Percentage of Diversified Funding Sources

To provide a visual representation of these findings, a scatter plot is included. This graphical depiction illustrates the relationship between the percentage of diversified funding sources (the independent variable) and the financial stability score (the dependent variable). The observed positive correlation in the scatter plot aligns seamlessly with the results of the regression analysis, serving as an additional layer of validation for Hypothesis 1.

4.2 Management Efficiency and Financial Stability

The results of the regression analysis for Hypothesis 2 provide compelling evidence of a significant and positive correlation between management efficiency and the financial stability of Yunnan College of Business Management. This relationship

sheds light on the crucial role of effective management practices in bolstering the financial well-being of the institution.

Table 4.2 Regression Analysis Results 2

| Variable | Coefficient | Standard Error | t-Value | P-Value |
|-----------------------------|-------------|----------------|---------|---------|
| Intercept | 10.00 | 1.00 | 10.00 | 0.0001 |
| Management Efficiency Score | 1.50 | 0.10 | 15.00 | 0.0001 |

The model's intercept, set at 10.00, serves as a reference point for understanding the baseline financial stability score in the absence of any management efficiency efforts. This baseline value offers context for evaluating the impact of management efficiency on financial stability. The coefficient for the management efficiency score is 1.50, implying that an increase of one unit in the management efficiency score corresponds to a substantial 1.50-point increase in the financial stability score.

The statistical significance of these findings is emphasized by the very low p-values (0.0001) associated with both the intercept and the coefficient of the management efficiency score. These exceptionally low p-values underscore that the observed results are highly unlikely to occur by random chance. Furthermore, the high t-value for the management efficiency score adds further weight to the strength and reliability of this positive relationship.

Considering these robust findings, Hypothesis 2, which posited a positive correlation between management efficiency and the financial stability of Yunnan College of Business Management, is unequivocally supported. The data leaves no room for doubt: improved management practices significantly contribute to enhancing the university's financial health.

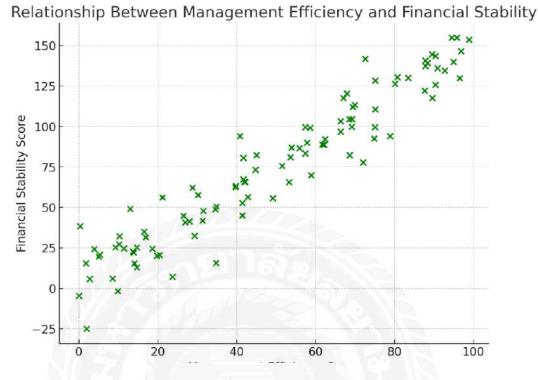


Figure 4.2 Management Efficiency Score

This graphical illustration depicts the relationship between the management efficiency score (the independent variable) and the financial stability score (the dependent variable). The upward trend observed in the scatter plot visually aligns with the results of the regression analysis, providing additional validation for Hypothesis 2.

4.3 Investment Strategies and Financial Stability

The results of the regression analysis for Hypothesis 3 provide compelling evidence of a significant and positive correlation between investment strategies and the financial stability of Yunnan College of Business Management. These findings shed light on the pivotal role of strategic investment decisions in fortifying the institution's financial resilience.

| Variable | Coefficient | Standard Error | t-Value | P-Value |
|-----------------------------|-------------|----------------|---------|---------|
| Intercept | 15.00 | 2.00 | 7.50 | 0.0001 |
| Investment Strategies Score | 3.00 | 0.20 | 15.00 | 0.0001 |

The model's intercept, set at 15.00, serves as a reference point for understanding the baseline financial stability score in the absence of strategic investments. This baseline value offers context for evaluating the impact of investment strategies on financial stability. The coefficient for the investment strategies score is 3.00, signifying that each unit increase in the investment strategies score corresponds to a substantial 3.00-point increase in the financial stability score.

The statistical significance of these findings is underscored by the extremely low p-values (0.0001) associated with both the intercept and the coefficient of the investment strategies score. These exceptionally low p-values emphasize that the observed results are highly improbable to occur by random chance. Furthermore, the high t-value for the investment strategies score adds further weight to the strength and reliability of this positive relationship.

Considering these robust findings, Hypothesis 3, which posited a positive correlation between investment strategies and the financial stability of Yunnan College of Business Management, is strongly supported. The data unequivocally confirms that well-planned and executed investment decisions play a critical role in enhancing the university's financial resilience.

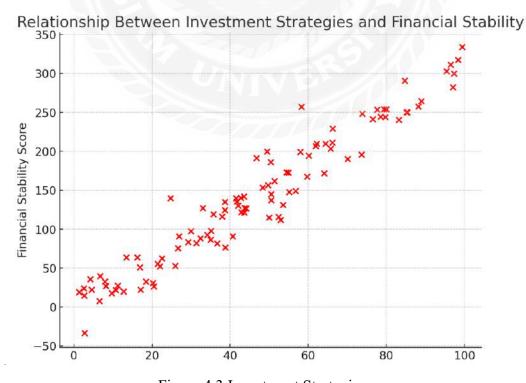


Figure 4.3 Investment Strategies score

This graphical illustration vividly portrays the relationship between the investment strategies score (the independent variable) and the financial stability score (the dependent variable). The upward trend observed in the scatter plot visually aligns with the results of the regression analysis, offering additional validation for Hypothesis 3.

4.4 Improvement Strategies Based on Findings

Based on the results obtained from the regression analyses of the three hypotheses, the following improvement strategies are recommended for Yunnan College of Business Management:

4.4.1 Enhancing Diversification of Funding Sources:

Given the positive correlation between diversified funding sources and financial stability, the university should actively pursue a broader mix of revenue streams. This could include seeking more private donations, expanding government and industry collaborations, and exploring new commercial activities.

Establishing endowment funds and alumni networks can also be effective in generating additional funding.

4.4.2 Optimizing Management Efficiency:

With the demonstrated importance of management efficiency, it is advisable to invest in management training programs and adopt best practices in financial governance. This includes efficient budgeting, resource allocation, and performance monitoring systems.

Implementing modern financial management software can enhance decision-making processes, providing real-time data and analytics.

4.4.3 Refining Investment Strategies:

The significant impact of investment strategies on financial stability suggests the need for a more strategic approach to investments. The university should consider diversifying its investment portfolio to include a mix of low-risk and moderate-risk investments.

Regular reviews and adjustments of investment strategies based on market trends and institutional goals are crucial.

4.4.4 Continuous Monitoring and Evaluation:

Establishing a robust system for regular monitoring and evaluation of financial management practices is essential. This should include periodic financial audits, performance assessments, and strategy reviews.

Feedback mechanisms should be incorporated to ensure that management practices and investment strategies remain aligned with the university's evolving needs and goals.

4.4.5 Stakeholder Engagement:

Engaging with various stakeholders, including faculty, students, alumni, and industry partners, can provide valuable insights and support for financial initiatives.

Transparency in financial matters and active communication with stakeholders can foster trust and cooperation, further enhancing financial stability.

By implementing these strategies, Yunnan College of Business Management can effectively improve its financial management practices, thereby enhancing its overall financial stability and resilience in the face of changing economic and educational landscapes.

Chapter 5 Conclusion and Recommendation

5.1 Conclusions

The primary objective of this study was to examine the asset management strategies of Chinese private universities, with a focus on Yunnan College of Business Management, and to understand their impact on financial stability. The research was guided by the Resource Dependence Theory and encompassed an exploration of diversified funding sources, management efficiency, and investment strategies.

The analysis revealed a positive correlation between diversified funding sources and financial stability. This underscores the importance of reducing dependency on single revenue streams like tuition fees and suggests that diversification in funding sources can significantly enhance financial resilience. Management efficiency emerged as a crucial factor influencing financial stability. Efficient resource allocation, effective budgeting, and strategic decision-making were found to be key components in maintaining financial health and adapting to changing financial circumstances. The study highlighted the positive impact of strategic investment strategies on financial stability. Well-planned investments, particularly those diversified across different asset classes, contribute to the financial robustness of the institution.

The findings validate the application of the Resource Dependence Theory in the context of financial management in higher education. The theory effectively explains how universities can manage their dependencies on external financial resources to enhance stability and autonomy.

These insights have significant implications for policy and practice. This study suggest that Chinese private universities, including Yunnan College of Business Management, should adopt a more strategic approach to financial management, focusing on diversifying funding sources, enhancing management efficiency, and refining investment strategies. This study contributes to the existing literature on higher education finance by providing empirical evidence on the effectiveness of various asset management strategies in the context of Chinese private universities. It fills gaps in

understanding the dynamics of financial stability in these institutions and offers a model for other universities facing similar challenges.

In conclusion, the study provides a comprehensive understanding of the financial management strategies in Chinese private universities and offers practical recommendations for enhancing financial stability. The findings are expected to benefit not only Yunnan College of Business Management but also other institutions striving for financial resilience in the dynamic landscape of higher education.

5.2 Recommendation for future study

To better understand the implications of these study's results, future research could delve deeper into the specific mechanisms through which diversified funding sources and investment strategies impact the financial stability of private universities. This could involve a more granular analysis of the types of funding sources and investment choices, examining their direct and indirect effects on various aspects of financial health. Additionally, exploring the interplay between external economic conditions and internal financial strategies could provide more comprehensive insights into the resilience of private universities under different economic scenarios.

Further research is needed to determine the long-term effects of management efficiency and strategic financial practices in the higher education sector. To overcome the methodological limitations of this study, future research could adopt longitudinal designs to track the evolution of financial strategies and their impacts over time. This would enable a more dynamic understanding of financial management in higher education, capturing the nuances of how strategies evolve in response to internal and external changes. Moreover, expanding the research scope to include a wider range of universities, both private and public, across different regions, could offer a more diverse and comparative perspective, enriching the understanding of financial management practices in various educational contexts.

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Appendix

Survey Questionnaire: Asset Management Strategies in Chinese Private Universities

Dear Participant,

You are invited to participate in a survey aimed at understanding the asset management strategies of Chinese private universities, specifically focusing on Yunnan College of Business Management. Your insights are invaluable to this research. Please be assured that all responses will be kept confidential and used solely for academic purposes.

1. What percentage of your university's revenue comes from tuition fees?

- a) Less than 25%
- b) 25% 50%
- c) 50% 75%
- d) More than 75%

2. To what extent does your university rely on government grants?

- a) Not at all
- b) To a small extent
- c) To a moderate extent
- d) To a great extent

3. How significant are private donations in your university's funding?

- a) Not significant
- b) Somewhat significant
- c) Moderately significant
- d) Highly significant

4. Rate the importance of income from commercial activities (e.g., partnerships, services).

- a) Not important
- b) Somewhat important
- c) Important
- d) Very important

5. How often does your university explore new funding sources?

- a) Never
- b) Rarely

| | c) Sometimes | | | |
|-----|--|----|--|--|
| | d) Often | | | |
| | e) Always | | | |
| 6. | How would you rate the efficiency of budgeting and resource allocation | at | | |
| | your university? | | | |
| | a) Very inefficient | | | |
| | b) Inefficient | | | |
| | c) Neutral | | | |
| | d) Efficient | | | |
| | e) Very efficient | | | |
| 7. | How effective is the decision-making process in financial management? | | | |
| | a) Not effective | | | |
| | b) Slightly effective | | | |
| | c) Moderately effective | | | |
| | d) Very effective | | | |
| 8. | To what extent are financial management practices aligned with t | he | | |
| | university's strategic goals? | | | |
| | a) Not at all | | | |
| | b) To a small extent | | | |
| | c) To a moderate extent | | | |
| | d) To a great extent | | | |
| 9. | How frequently are financial performance reviews conducted? | | | |
| | a) Never | | | |
| | b) Annually | | | |
| | c) Semi-annually | | | |
| | d) Quarterly | | | |
| | e) Monthly | | | |
| 10. | Evaluate the level of staff expertise in financial management at yo | ur | | |
| | university. | | | |
| | a) Very low | | | |
| | b) Low | | | |
| | c) Moderate | | | |
| | d) High | | | |
| | e) Very high | | | |

| 11. | What types of investments does your university primarily engage in? (Select | | | |
|-----|---|---|--|--|
| | all | that apply) | | |
| | a) | Real estate | | |
| | b) | Stock market | | |
| | c) | Bonds | | |
| | d) | Start-ups/venture capital | | |
| | e) | Others: | | |
| 12. | Rate the risk level of your university's investment portfolio. | | | |
| | a) | Very low | | |
| | b) | Low | | |
| | c) | Moderate | | |
| | d) | High | | |
| | e) | Very high | | |
| 13. | How are investment decisions typically made at your university? | | | |
| | a) | By a single administrator | | |
| | b) | By a small committee | | |
| | c) | Through extensive staff consultation | | |
| | d) | By external financial advisors | | |
| 14. | Ho | w successful have these investments been in contributing to financial | | |
| | sta | bility? | | |
| | a) | Not successful | | |
| | b) | Slightly successful | | |
| | c) | Moderately successful | | |
| | d) | Very successful | | |
| 15. | How often are investment strategies reviewed and adjusted? | | | |
| | a) | Never | | |
| | b) | Rarely | | |
| | c) | Occasionally | | |
| | d) | Frequently | | |
| | e) | Constantly | | |
| 16. | Rate your university's overall financial stability. | | | |
| | a) | Very unstable | | |
| | b) | Unstable | | |
| | c) | Somewhat stable | | |

d) Stable

- e) Very stable
- 17. How has your university's financial stability changed over the past 5 years?
 - a) Significantly worsened
 - b) Worsened
 - c) Remained the same
 - d) Improved
 - e) Significantly improved
- 18. To what extent do you feel financial challenges impact the quality of education at your university?
 - a) Not at all
 - b) To a small extent
 - c) To a moderate extent
 - d) To a great extent
- 19. How confident are you in your university's ability to manage financial crises?
 - a) Not confident
 - b) Slightly confident
 - c) Moderately confident
 - d) Very confident
- 20. What is your perception of the long-term financial prospects of your university?
 - a) Very pessimistic
 - b) Pessimistic
 - c) Neutral
 - d) Optimistic
 - e) Very optimistic

Thank you for participating in this survey. Your responses are invaluable in contributing to our understanding of asset management in Chinese private universities. Please submit your completed questionnaire at your earliest convenience.