Exploring Financing Strategies of Entrepreneurs in UK Business Ventures: A Qualitative Study

MICHAEL AKINTOMIWA OYEDEJI
University of Bradford, UK, Faculty of Management, Department of Finance Accounting and Management

Abstract- ***Entrepreneurs play a pivotal role in introducing novel ideas and concepts to the market, addressing gaps in existing industries, and even forging entirely new market segments. Given the dynamic landscape of the UK business sector, an exploration of the financial methodologies employed by entrepreneurs becomes imperative, particularly concerning their impact on business ventures within the UK context. This study draws upon several established theories, including the Pecking Order Theory, Trade-off Theory, Behavioural Finance Theory, and Agency Theory, to underpin its empirical investigation and formulate research objectives. Employing a qualitative research approach, this study encompassed a diverse array of businesses spanning various UK industries, encompassing technology, retail, finance, manufacturing, hospitality, real estate, creative industries, and renewable energy. Primary data sources were harnessed, ensuring industry representation through a meticulous Stratified Sampling technique. Data collection methods encompassed semi-structured interviews and the administration of a questionnaire. The study used thematic analysis and Multiple Regression Analysis to analyze data on the relationship between Funding Sources and business management. Results showed that risk-focused businesses make judicious capital allocation decisions. In conclusion, this study discerned that the financial decision-making processes wield a substantial influence on entrepreneurs in the UK and that the challenges confronted by entrepreneurs profoundly impact their funding sources. Furthermore, the study corroborated that the strategies employed by entrepreneurs significantly affect their exposure to financial risks. This study recommends comprehensive risk management strategies, capital allocation decisions, and strategic investment for entrepreneurs to navigate challenges effectively, considering trade-offs and enhancing market competitiveness.***

Indexed Terms- ***Entrepreneur, Behavioural, Competitiveness, Diversification, Liquidity, Financial strategy***

I. INTRODUCTION

1.1 Background to the Study

Entrepreneurship drives innovation and economic growth by creating jobs, introducing new products, and fostering competition (Baumol & Strom, 2007; Kritikos, 2014). Entrepreneurs identify opportunities, take risks, and develop disruptive business models, enhancing consumer choice and productivity (Crudu, 2019; Galende, 2006). They also inspire a culture of creativity, attracting talent and reinvesting wealth to fuel further economic expansion (Martin et al., 2016; Malki et al., 2022). Financial methods are critical for entrepreneurs to manage resources, assess risks, and ensure sustainable growth (Varmazyari et al., 2022; Hall, 2001).

1.2 Problem Statement

While entrepreneurship and finance have been widely studied, there is limited research on how UK entrepreneurs manage finances. Existing literature often overlooks the UK's diverse entrepreneurial landscape, focusing instead on global trends or successful ventures (Belitski et al., 2020; Fraser et al., 2015). Challenges such as data confidentiality, complex financial decisions, and resource-intensive longitudinal studies further hinder understanding (Abbe et al., 2011; Lagoze et al., 2013). This study addresses these gaps by exploring UK entrepreneurs' financial strategies, including funding challenges, risk mitigation, and the impact of external factors like

government policies and regulations (Murzacheva & Levie, 2020; Hanspal et al., 2016).

1.3 Research Questions

i. How do UK entrepreneurs navigate financial decision-making?
ii. What challenges do they face in securing funding, and how are these overcome?
iii. What strategies do they use to mitigate financial risks?
iv. How do external factors like regulations and support systems influence their financial strategies?

1.4 Research Objectives

i. The main objective is to explore financial strategies of UK entrepreneurs. Specific objectives include:
ii. Examining financial decision-making processes.
iii. Identifying funding challenges.
iv. Analyzing risk mitigation strategies.
v. Investigating the role of external factors in shaping financial strategies.

1.5 Significance of the Study

This study addresses a critical gap in literature by providing qualitative insights into UK entrepreneurs' financial strategies. It explores decision-making processes, funding challenges, and risk mitigation, offering a nuanced understanding of entrepreneurial finance (Dana & Dana, 2005; Shepherd & Patzelt, 2017). The findings can inform policymakers, support future research, and enhance the sustainability of entrepreneurial ventures (Audretsch, 2009; Cumming & Vismara, n.d.).

1.6 Operational Definition of Terms

- Financial Strategies: Plans for managing resources, raising funds, and making investment decisions.
- Entrepreneurs: Individuals owning and operating UK-based ventures.
- UK Business Ventures: All entrepreneurial activities within the UK.
- Qualitative Study: Research using interviews and open-ended questions to gather insights.
- Financial Decision-making: Steps taken by entrepreneurs in funding, resource allocation, and risk assessment.
- Funding Challenges: Obstacles in securing external financing.
- Financial Risk Mitigation: Strategies to reduce financial uncertainties.
- External Factors: Influences like regulations, economic conditions, and support systems.
- Resource Allocation: Distribution of financial resources across business operations.
- Business Objectives: Goals set by entrepreneurs, such as growth or profitability.

II. THEORETICAL BACKGROUND AND LITERATURE REVIEW

2.1 Theoretical Framework

This study is anchored on four theories: the pecking order theory, trade-off theory, behavioral finance theory, and agency theory.

2.1.1 Pecking Order Theory

The pecking order theory suggests firms prioritize financing sources: internal funds (retained earnings), debt, and finally equity. It highlights entrepreneurs' preference for internal financing to avoid information asymmetry and stock undervaluation. For UK entrepreneurs, this theory explains their reliance on retained earnings and the challenges of equity financing. It also emphasizes the need for transparent financial reporting to attract investors and shape optimal capital structures. Policymakers can use this insight to promote equity investments and support entrepreneurial growth.

2.1.2 Trade-off Theory

The trade-off theory posits that firms balance the benefits of debt (tax advantages) against its costs (bankruptcy risks). Entrepreneurs use this theory to optimize their capital structure by weighing debt and equity financing. It helps UK entrepreneurs assess financial risks, minimize capital costs, and attract investors. Policymakers can support diverse financing options, such as venture capital and government-backed loans, to foster a resilient entrepreneurial ecosystem.

2.1.3 Behavioral Finance Theory

Behavioral finance theory examines how psychological biases (e.g., overconfidence, loss aversion) influence financial decisions. For UK entrepreneurs, understanding these biases can improve decision-making, risk assessment, and financing choices. The theory also highlights the importance of financial education and transparent communication with investors to build trust and ensure ethical practices.

2.1.4 Agency Theory

Agency theory addresses conflicts between entrepreneurs (principals) and managers (agents). It emphasizes aligning interests through performance-based incentives and effective monitoring. For UK entrepreneurs, this theory underscores the importance of corporate governance, ethical practices, and transparent reporting to reduce conflicts and foster investor confidence.

2.1.5 Research Hypotheses

- HO1: No significant difference in UK entrepreneurs' financial decision-making processes.
- HO2: No significant relationship between funding challenges and UK entrepreneurs.
- HO3: No significant association between risk mitigation strategies and UK entrepreneurs.

2.2 Conceptual Review

This section explores financial strategies in UK entrepreneurship, including bootstrapping, debt and equity financing, venture capital, and angel investment. It also examines factors influencing financial decision-making, such as market conditions, industry-specific challenges, and government support programs.

2.2.1 Funding Acquisition

Entrepreneurs must choose funding sources (e.g., venture capital, angel investors, crowdfunding, bank loans) based on their business goals, risk appetite, and growth stage. Each source has implications for ownership, control, and growth prospects. Challenges include accessibility for early-stage ventures, industry biases, and geographic disparities in funding ecosystems.

2.2.2 Cash Flow Management

Effective cash flow management ensures businesses can cover expenses and optimize working capital. Strategies include managing accounts receivable, budgeting, and financial forecasting. However, overemphasis on cash flow may divert attention from profitability, which is crucial for long-term sustainability.

2.2.3 Investment Decisions

Entrepreneurs must evaluate investment opportunities based on ROI, risk, and alignment with business goals. Balancing risk and reward, diversifying investments, and prioritizing growth areas are key to maximizing returns. External factors like economic conditions and market trends also influence investment outcomes.

2.2.4 Risk Management

Identifying and mitigating financial risks (e.g., market fluctuations, regulatory changes) is essential for business stability. Strategies include diversification, insurance, and contingency planning. However, resource constraints and cognitive biases may limit the effectiveness of risk management efforts.

2.2.5 Tax Planning

Effective tax planning minimizes liabilities while ensuring compliance with regulations. Entrepreneurs must stay updated on tax laws, incentives, and deductions. Ethical considerations are crucial to avoid aggressive tax avoidance strategies.

2.2.6 Financial Reporting and Analysis

Accurate financial records and regular analysis are vital for informed decision-making. Challenges include limited resources for SMEs and the need for financial expertise. Understanding financial trends helps entrepreneurs anticipate challenges and opportunities.

2.3 Empirical Review

Studies highlight the role of information technology in financial reporting (Abu et al., 2021), privacy-preserving methods in financial risk sharing (Abbe et al., 2011), and trends in crowdfunding research (Alegre & Moleskis, 2016). Other research explores entrepreneurial ecosystems (Audretsch & Belitski, 2017) and the relationship between entrepreneurship and economic growth (Baumol & Strom, 2007). These

studies provide insights into financial strategies and their impact on entrepreneurial success.

III. METHODOLOGY

3.1 Research Design

To explore the financial strategies employed by entrepreneurs in the UK, this study will utilize a qualitative research design. Specifically, semi-structured interviews will be conducted to gather rich and in-depth data from entrepreneurs. Qualitative research is well-suited for this study as it allows for a detailed understanding of the experiences, perspectives, and decision-making processes of entrepreneurs, providing valuable insights into their financial strategies(Campbell et al., 2021; Online et al., 2015; Sundler et al., 2019).

3.2 Population of the study

The population of the study on the effect of financial strategies on entrepreneurs in United Kingdom business ventures will includes businesses from various industries such as technology, retail, finance, healthcare, education, manufacturing, hospitality, real estate, creative industries, and renewable energy. The companies in this population range in size from small businesses (SMEs) to medium-sized enterprises (SMEs) and large corporations, and they represent different growth stages, including startup/seed stage, early growth stage, established/mature stage, expansion/growth stage, scaling/expansion stage, maturity stage, and decline/recovery stage(Blenker et al., 2014; Hartmann et al., 2022; Mcdonald et al., 2015).

Table 3.1: Summary of the study population

Industries	Company Sizes	Growth Stages
Technology	Small Businesses (SMEs)	Startup/Seed Stage
Retail	Medium-Sized Enterprises (SMEs)	Early Growth Stage
Finance	Large Corporations	Established/Mature Stage
Healthcare	Startups	Expansion/Growth Stage
Education	Family-Owned Businesses	Scaling/Expansion Stage
Manufacturing	Online Businesses	Maturity Stage
Hospitality	Franchise Businesses	Decline/Recovery Stage
Real Estate	Consulting Firms	
Creative Industries	Import/Export Businesses	
Renewable Energy	Nonprofit Organizations	

3.3 Sampling Techniques

Stratified Sampling will be used to select participants for the study to ensure representation from each industry (technology, retail, finance, healthcare, education, manufacturing, hospitality, real estate, creative industries, and renewable energy). They can divide the population into strata based on industries and then randomly select samples from each stratum in proportion to their size in the population(Gupt et al., 2021; Hillson et al., 2015; Howell et al., 2020; Y. J. Kim et al., 2013; Shi, 2015)

3.4 Method of Data Collection

Data for this study will be collected through semi-structured interviews. The use of semi-structured interviews allows for flexibility, enabling participants to elaborate on their financial strategies, decision-making processes, and challenges. Interviews will be conducted either face-to-face or via video conferencing, depending on the participants' preferences and logistical considerations. With participants' consent, the interviews will be recorded and later transcribed for analysis. Questionnaire will serve as an instrument for data collection as well.(Doody& Noonan, 2013; McIntosh & Morse, 2015; Online et al., 2015)

3.4.1 Variable Measurement

The construct variable was employed to examine the study's objectives, encompassing independent, dependent, and control variables.

Table 3.2 Summary of Construct Variable

Construct Variable	Description
Risk Management	The extent to which financial strategies are designed to identify, assess, and mitigate financial risks.
Capital Allocation	How financial resources are distributed among different investment or expenditure options.
Cost Control	The effectiveness of strategies in managing and reducing operational and financial costs.
Investment Diversification	The degree to which investments are spread across various asset classes or sectors.
Liquidity Management	The ability to manage cash flow and ensure sufficient liquidity to meet short-term financial obligations.
Financial Planning	The incorporation of long-term financial planning and forecasting in the formulation of strategies.
Debt Management	The effectiveness in managing and optimizing debt levels, interest rates, and repayment schedules.
Tax Optimization	The strategies used to minimize tax liabilities while complying with relevant tax laws and regulations.
Revenue Maximization	The focus on strategies aimed at maximizing revenue generation through sales, pricing, and expansion.
Long-Term Sustainability	The emphasis on strategies that promote the long-term viability and sustainability of an organization.
Entrepreneurial Experience	The level of prior experience and expertise an entrepreneur possesses in starting and running businesses.
Industry Sector	The specific industry or sector in which the entrepreneur's business venture operates.
Business Size	The size of the entrepreneur's business venture, typically measured by factors like revenue, employees, or assets.
Innovation Orientation	The extent to which the entrepreneur prioritizes innovation and the development of new products or services.
Growth Ambition	The entrepreneur's aspirations and willingness to expand and grow the business on a significant scale.
Funding Sources	The various sources of funding and capital used to start and sustain the business venture.
Business Challenges	The major challenges and obstacles faced by the entrepreneur in the course of running the business.
Market Competitiveness	The ability of the entrepreneur's business to compete effectively in the market, considering factors like pricing, quality, and market share.
Adaptability	The entrepreneur's ability to adapt to changing market conditions and adjust business strategies accordingly.
Business Success	The level of success achieved by the entrepreneur's business venture, considering factors like profitability, market share, and customer satisfaction.

3.5 Method Data Analysis

Thematic analysis will be employed to analyze the interview data. This analysis approach involves the identification of recurring themes, patterns, and categories within the data. The analysis process will include coding and categorization, allowing for the emergence of themes related to financial strategies, decision-making, challenges, and opportunities. To assist with the analysis, qualitative data analysis software will be used to organize and manage the data effectively(Campbell et al., 2021; Lochmiller, 2021; Sundler et al., 2019; Swain, n.d.).

Model specifications

A multiple regression model that examines the impact of financial strategies on entrepreneurs of business ventures in the United Kingdom can be specified mathematically as follows:

Let:

- Y be the dependent variable representing the outcome or impact on entrepreneurs.
- $X1$ be a financial strategy variable (e.g., Risk Management).
- $X2$ be another financial strategy variable (e.g., Capital Allocation).
- $X3$ represent a different financial strategy variable (e.g., Cost Control).
- $X4$ denote yet another financial strategy variable (e.g., Investment Diversification).
- $X5$ be a financial strategy variable (e.g., Liquidity Management).
- $X6$ represent another financial strategy variable (e.g., Financial Planning).
- ϵ represent the error term.

The multiple regression model can be represented as:

$$Y=\beta 0+\beta 1X1+\beta 2X2+\beta 3X3+\beta 4X4+\beta 5X5+\beta 6X6+\epsilon$$

Where:

- Y is the predicted outcome or impact on entrepreneurs.
- $0\beta 0$ is the intercept.
- $\beta 1,\beta 2,\beta 3,\beta 4,\beta 5,\beta 6$ are the coefficients that represent the impact of each financial strategy variable on Y.
- $X1,X2,X3,X4,X5,X6$ are the values of the financial strategy variables.
- ϵ represents the error term, which accounts for unexplained variation in Y.

The coefficients $\beta 0,\beta 1,\beta 2,\beta 3,\beta 4,\beta 5,\beta 6$) are estimated from the data to determine the strength and direction of the relationship between each financial strategy variable and the impact on entrepreneurs in the United Kingdom.

IV. RESULTS AND DISCUSSIONS

This chapter presents the analysis results and discusses the findings, including the outcomes of the study's hypotheses and the actual insights derived from the analysis.

4.1 Descriptive Analysis

The "Risk Management" variable comprises a dataset of 30 data points, with scores spanning from a minimum of 4 to a maximum of 10. On average, respondents reported a rating of 7.40 for their risk management, displaying a relatively tight clustering around this mean due to the modest standard deviation of 0.290. This low variability is corroborated by the variance of 1.589. Similarly, the "Capital Allocation" variable also encompasses 30 data points, with scores ranging from a minimum of 3 to a maximum of 9. The mean score for this variable is 7.33, and the data points closely cluster around this mean, as indicated by the small standard deviation of 0.246 and a variance of 1.348.

Cost Control, Investment Diversification, Liquidity Management, Market Competitiveness, and Funding Sources exhibit comparable patterns. Each of these variables is based on a sample size of 30 and features scores varying from a minimum to a maximum value. The mean scores serve as indicators of central tendency, and generally low standard deviations imply that responses tend to closely align with the mean, signifying limited variability.

In contrast, the "Business Size" variable encompasses 30 data points, with scores ranging from a minimum of 4 to a maximum of 10. Respondents, on average, reported a business size rating of 8.20, and the data points exhibit a tight clustering around this mean, characterized by a relatively small standard deviation of 0.285. This observation aligns with the variance of 1.562, further underscoring the limited variability in responses. Lastly, the "Business Challenges" variable also comprises 30 data points, with scores spanning from a minimum of 3 to a maximum of 10. The average rating for business challenges is 7.70, but in this case, the standard deviation is relatively higher at

0.410, suggesting greater variability in responses compared to the other variables. This heightened variability is supported by a variance of 2.246.

Table 4.1: Descriptive Statistics

	N	Minimum	Maximum	Mean		Std. Deviation	Variance
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic	Statistic
Risk Management	30	4	10	7.40	.290	1.589	2.524
Capital Allocation	30	3	9	7.33	.246	1.348	1.816
Cost Control	30	2	10	7.30	.346	1.896	3.597
Investment Diversification	30	2	10	7.47	.371	2.030	4.120
Liquidity Management	30	4	10	7.40	.290	1.589	2.524
Business Size	30	4	10	8.20	.285	1.562	2.441
Market Competitiveness	30	4	10	7.47	.261	1.432	2.051
Funding Sources	30	4	10	7.63	.305	1.671	2.792
Business Challenges	30	3	10	7.70	.410	2.246	5.045
Valid N (listwise)	30						

4.2.1 Test of Hypothesis

This study tests three null hypotheses:

1. No significant impact of government policies on SME growth in the pre-pandemic era.
2. No significant relationship between changes in government policies during the pandemic and SME expansion/resilience.
3. No significant difference in the influence of government policies on SME growth in the post-pandemic period.

4.2.1 Correlation Analysis between Financial Strategies and Business Ventures

The analysis reveals strong positive correlations between funding sources and key business management aspects:

- Risk Management: 0.681
- Capital Allocation: 0.500
- Cost Control: 0.634
- Investment Diversification: 0.561
- Liquidity Management: 0.512
- Business Size: 0.650
- Market Competitiveness: 0.809

All correlations are statistically significant ($p < 0.05$), indicating these relationships are not due to chance.

Additional correlations include:

- Risk Management & Capital Allocation: 0.596
- Capital Allocation & Cost Control: 0.756
- Investment Diversification & Liquidity Management: 0.646
- Market Competitiveness & Business Size: 0.712

Key Insights:

1. Increased funding sources correlate with improved risk management, capital allocation, and cost control, leading to better investment decisions and resource optimization.
2. Investment diversification (0.561) highlights the ability of well-funded businesses to spread risk and enhance financial performance.
3. Liquidity management (0.512) suggests businesses with diverse funding sources manage short-term obligations effectively.
4. The strong correlation between funding sources and market competitiveness (0.809) underscores the role of financial strategies in enhancing a business's competitive edge.

Implications:

- Financial strategies significantly influence business dynamics, profitability, and competitiveness.
- Entrepreneurs should prioritize strategic financial planning and diversified funding sources to achieve robust business management and growth.

Table 2: Correlations									
		1	2	3	4	5	6	7	8
Pearson Correlation	Funding Sources	1.000	.681	.500	.634	.561	.512	.650	.809
	Risk Management	.681	1.000	.596	.577	.432	.604	.564	.643
	Capital Allocation	.500	.596	1.000	.756	.635	.564	.655	.578
	Cost Control	.634	.577	.756	1.000	.804	.714	.794	.772
	Investment Diversification	.561	.432	.635	.804	1.000	.646	.872	.646
	Liquidity Management	.512	.604	.564	.714	.646	1.000	.745	.612
	Business Size	.650	.564	.655	.794	.872	.745	1.000	.712
	Market Competitiveness	.809	.643	.578	.772	.646	.612	.712	1.000
Sig. (1-tailed)	Funding Sources	.	.000	.002	.000	.001	.002	.000	.000
	Risk Management	.000	.	.000	.000	.009	.000	.001	.000
	Capital Allocation	.002	.000	.	.000	.000	.001	.000	.000
	Cost Control	.000	.000	.000	.	.000	.000	.000	.000
	Investment Diversification	.001	.009	.000	.000	.	.000	.000	.000
	Liquidity Management	.002	.000	.001	.000	.000	.	.000	.000
	Business Size	.000	.001	.000	.000	.000	.000	.	.000
	Market Competitiveness	.000	.000	.000	.000	.000	.000	.000	.
N	Funding Sources	30	30	30	30	30	30	30	30
	Risk Management	30	30	30	30	30	30	30	30
	Capital Allocation	30	30	30	30	30	30	30	30
	Cost Control	30	30	30	30	30	30	30	30
	Investment Diversification	30	30	30	30	30	30	30	30
	Liquidity Management	30	30	30	30	30	30	30	30
	Business Size	30	30	30	30	30	30	30	30
	Market Competitiveness	30	30	30	30	30	30	30	30

4.2.2 Regression Analysis on Financial Decision-Making Processes of Entrepreneurs

Model 1:

- Independent Variables: Risk Management, Business Size, Market Competitiveness
- Risk Management: Positive coefficient (0.346) – Higher risk management correlates with increased business challenges.
- Business Size: Positive coefficient (0.228) – Larger businesses face more challenges.
- Market Competitiveness: Strong positive coefficient (0.698) – Highly significant relationship with business challenges.

- R-squared (R^2): 0.718 – 71.8% of variance in business challenges explained.

Model 2:
- Independent Variables: Capital Allocation, Business Size, Market Competitiveness
- Capital Allocation: Positive coefficient (0.230) – Higher capital allocation linked to more challenges.
- Business Size & Market Competitiveness: Remain significant predictors.
- R-squared (R^2): 0.629 – 62.9% of variance explained.

Model 3:
- Independent Variables: Cost Control, Investment Diversification, Business Size, Market Competitiveness
- Cost Control: Positive coefficient (0.610) – Higher cost control associated with more challenges.
- Investment Diversification: Positive coefficient (0.294) – Positive relationship with challenges.
- Business Size & Market Competitiveness: Remain significant.
- R-squared (R^2): 0.869 – 86.9% of variance explained.

Model 4:
- Independent Variables: Liquidity Management, Cost Control, Investment Diversification, Business Size, Market Competitiveness
- Liquidity Management: Positive coefficient (0.366) – Higher liquidity management linked to more challenges.
- Business Size & Market Competitiveness: Continue to be significant.
- R-squared (R^2): 0.827 – 82.7% of variance explained.

Summary:
- Market Competitiveness consistently shows a strong positive relationship with business challenges.
- Other variables (Risk Management, Capital Allocation, Cost Control, Investment Diversification, Liquidity Management) also influence challenges, as indicated by their coefficients and significance levels.
- R-squared values demonstrate the explanatory power of each model, with Model 3 explaining the highest variance (86.9%).

Implications:
- Entrepreneurs must balance financial strategies (e.g., risk management, cost control, liquidity management) to navigate business challenges effectively.
- Market competitiveness significantly impacts challenges, highlighting the need for strategic planning in competitive environments.

4.2.3 Regression Analysis on Challenges in Securing Funding for UK Entrepreneurs

Model 1:
- Independent Variables: Risk Management, Business Size, Market Competitiveness
- Risk Management: Positive coefficient (0.346) – Higher risk management correlates with increased challenges.
- Business Size: Positive coefficient (0.228) – Larger businesses face more challenges.
- Market Competitiveness: Strong positive coefficient (0.698) – Highly significant relationship with challenges.
- R-squared (R^2): 0.718 – 71.8% of variance explained.

Model 2:
- Independent Variables: Capital Allocation, Business Size, Market Competitiveness
- Capital Allocation: Positive coefficient (0.230) – Higher capital allocation linked to more challenges.
- Business Size & Market Competitiveness: Remain significant predictors.
- R-squared (R^2): 0.629 – 62.9% of variance explained.

Model 3:
- Independent Variables: Cost Control, Investment Diversification, Business Size, Market Competitiveness
- Cost Control: Positive coefficient (0.610) – Higher cost control associated with more challenges.

- Investment Diversification: Positive coefficient (0.294) – Positive relationship with challenges.
- Business Size & Market Competitiveness: Remain significant.
- R-squared (R^2): 0.869 – 86.9% of variance explained.

Model 4:

- Independent Variables: Liquidity Management, Cost Control, Investment Diversification, Business Size, Market Competitiveness
- Liquidity Management: Positive coefficient (0.366) – Higher liquidity management linked to more challenges.
- Business Size & Market Competitiveness: Continue to be significant.
- R-squared (R^2): 0.827 – 82.7% of variance explained.

Summary:

- Market Competitiveness consistently emerges as a strong predictor of funding challenges.
- Other financial strategies (e.g., risk management, capital allocation, cost control) also influence challenges, as shown by their coefficients.
- Model 3 explains the highest variance (86.9%), indicating its robustness in capturing the relationship between variables.

Implications:

- Entrepreneurs must adopt a strategic approach to financial management to address funding challenges.
- Policymakers and financial institutions should consider these findings to design support mechanisms that align with entrepreneurs' needs.

The regression analyses highlight the complex interplay between financial strategies, market competitiveness, and business challenges. Entrepreneurs must adopt a balanced approach to financial decision-making and funding acquisition to navigate challenges effectively and sustain growth.

Table 3: Regression analysis

	Funding source		Business Challenges	
	Model 1	Model 2	Model 3	Model 4
Risk Management	.346	.180	.243	.172
Capital Allocation	-.107	.230	.610	.366
Cost Control	-.025	.238	-.130	-.110
Investment Diversification	.023	.215	.294	.266
Liquidity Management	-.169	.197	.076	.054
Business Size	.228	.299	.190	.132
Market Competitiveness	.698	.233	.373	.238
Control variable	Yes	Yes	Yes	Yes
Observations	30	30	30	30
R^2	0.718	0.629	0.869	0.827

***Significant at the 0.01 level. **Significant at the 0.05 level. *Significant at the 0.10 level.

Dependent variable: Funding source/ Business Challenges

Table 4 provided the results of four regression models (Model 1, Model 2, Model 3, and Model 4) with two dependent variables: Business Challenges and Funding Source. Various independent variables are included in these models, and there is a control variable. Risk Management has a positive coefficient of 0.358, indicating that as Risk Management increases, Business Challenges tend to increase.

Capital Allocation has a strong positive coefficient of 0.543, suggesting that higher levels of Capital Allocation are strongly associated with higher Business Challenges. Cost Control has a minor positive coefficient of 0.051, implying a relatively weak relationship with Business Challenges. Investment Diversification has a positive coefficient of 0.276, indicating a positive relationship with Business Challenges. Business Size has a positive coefficient of 0.309, suggesting that larger businesses tend to have higher Business Challenges. The R-squared (R^2) value for Business Challenges is 0.850, meaning that approximately 85.0% of the variance in Business Challenges is explained by the variables in the model.

Risk Management has a positive coefficient of 0.491, indicating a strong positive relationship with Business Challenges. Capital Allocation has a negative coefficient of -0.201, suggesting that higher levels of Capital Allocation are associated with lower Business Challenges. Cost Control has a positive coefficient of 0.226, implying a moderate positive relationship with Business Challenges.

Business Size has a positive coefficient of 0.296, indicating that larger businesses tend to have higher Business Challenges. The R-squared (R^2) value for Business Challenges is 0.587, explaining approximately 58.7% of the variance in Business Challenges.

Risk Management has a positive coefficient of 0.467, indicating a positive relationship with Business Challenges. Capital Allocation has a negative coefficient of -0.162, suggesting that higher levels of Capital Allocation are associated with lower Business Challenges. Cost Control has a positive coefficient of 0.257, implying a moderate positive relationship with Business Challenges. Business Size has a positive coefficient of 0.277, suggesting that larger businesses tend to have higher Business Challenges. The R-squared (R2) value for Business Challenges is 0.501, explaining approximately 50.1% of the variance in Business Challenges.

In summary, these regression models provide insights into the relationships between various independent variables (Risk Management, Capital Allocation, Cost Control, Investment Diversification, and Business Size) and two dependent variables: Business Challenges and Funding Source. The models show how changes in these independent variables are associated with changes in Business Challenges and Funding Source. The R-squared values indicate the proportion of variance in Business Challenges that is explained by the variables in each model.

Table 4: Regression analysis

	Business Challenges		Funding source	
	Model 1 Model 2		Model 3 Model 4	
Risk Management	.358	.253	.491	.467
Capital Allocation	.543	.326	-.201	-.162
Cost Control	.051	.043	.226	.257
Investment Diversification	.276	.250	.011	.014
Business Size	.309	.215	.296	.277
Control variable	Yes	Yes	Yes	Yes
Observations	30	30	30	30
R^2	.850	.819	.587	.501
***Significant at the 0.01 level. **Significant at the 0.05 level. *Significant at the 0.10 level.				

Dependent variable: Business Challenges/Funding source

V. CONCLUSION AND RECOMMENDATIONS

5.1 CONCLUSION

This study explored the relationship between financial strategies, business ventures, and funding challenges faced by UK entrepreneurs. Key findings include:

1. Correlation Analysis:
   - Strong positive correlations exist between funding sources and business management aspects like risk management, capital allocation, cost control, investment diversification, liquidity management, business size, and market competitiveness.
   - Additional correlations were identified, such as between risk management and capital allocation, and between market competitiveness and business size.

2. Regression Analysis:
- Business Challenges:
  - Risk management, capital allocation, cost control, and liquidity management positively influence business challenges.
  - Market competitiveness consistently emerged as a strong predictor of challenges.
  - Model 3 explained the highest variance (86.9%) in business challenges.
- Funding Decisions:
  - Risk management, capital allocation, cost control, and business size significantly impact funding decisions.

These findings highlight the complex interplay between financial strategies, business challenges, and funding decisions, emphasizing the importance of strategic financial planning and market competitiveness for UK entrepreneurs.

5.2 RECOMMENDATIONS

Based on the findings, the following recommendations are proposed:

1. Prioritize Risk Management:
- Entrepreneurs should develop comprehensive risk management strategies, including risk assessment, mitigation, and contingency plans.
- Staying informed about industry-specific risks and addressing them proactively can reduce their impact on business operations.
2. Optimize Capital Allocation:
- Entrepreneurs should carefully evaluate capital allocation decisions, balancing resource allocation with potential challenges.
- Regular financial reviews and adjustments can help optimize capital allocation strategies to support growth while managing challenges effectively.
3. Enhance Market Competitiveness:
- Entrepreneurs should invest in strategies to improve market competitiveness, such as staying updated on market trends, understanding consumer demands, and differentiating their offerings.
- Offering unique value propositions can attract funding opportunities and strengthen market position.

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