

Sharia Hedging Implementation Strategy to Improve Financial Stability in the Tourism Sector

Hernawaty, Heriyati Chrisna, Abdul Khaliq, Virna Rapenia

Abstract

This study explores strategies for implementing sharia-compliant hedging as an effort to improve financial stability in the tourism sector. In the context of economic uncertainty that frequently impacts the tourism industry, this study aims to identify and analyze hedging methods that comply with sharia principles. Using a qualitative approach and case study analysis of several MSMEs in tourist areas, data was collected through interviews and observations. The results indicate that implementing sharia-compliant hedging can help businesses manage financial risks, increase investor confidence, and create greater resilience to market fluctuations. This study recommends the importance of education and training for tourism industry players to understand and effectively implement this strategy to achieve sustainable financial stability.

Keywords: Sharia Hedging; Financial Stability; Tourism Sector; Implementation Strategy

¹Hernawaty
e-mail: hernawaty@dosen.pancabudi.ac.id¹

²Heriyati Chrisna, ³Abdul Khaliq, ⁴Virna Rapenia

²Accounting Study Program, Universitas Pembangunan Panca Budi, Indonesia

³Computer Systems Study Program, Universitas Pembangunan Panca Budi, Indonesia

⁴Management Study Program, Universitas Pembangunan Panca Budi, Indonesia

e-mail: heriyati.chrisna@yahoo.com², abdulkhaliq@pancabudi.ac.id³, virnarapenia82@gmail.com⁴

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Introduction

The tourism sector is a crucial economic pillar, particularly in countries with high tourism potential, such as Indonesia. However, this sector is also vulnerable to various financial risks that can disrupt the financial stability of businesses, particularly Micro, Small, and Medium Enterprises (MSMEs), which often operate with limited resources [1], [2]. Economic fluctuations, regulatory changes, and external impacts such as natural disasters or pandemics can create significant uncertainty for business continuity [3], [4], [5].

Sharia hedging, as a risk management method in accordance with Islamic principles, offers an alternative solution to improve financial stability in this sector [6], [7]. This strategy focuses not only on asset protection but also promotes the principles of fairness and transparency, which align with ethical business values. Although the application of Sharia hedging is still relatively new in the tourism context, its potential benefits warrant further exploration.

This study aims to analyze the implementation strategies of Sharia hedging in the context of MSMEs in the tourism sector. By understanding effective ways to implement Sharia hedging, it is hoped that businesses can better manage their financial risks and increase financial resilience amidst the challenges they face. Through a qualitative analysis approach and case studies, this research will provide deeper insights into how these strategies can be integrated into everyday business practices and their impact on financial stability in the tourism sector.

This research is highly urgent given that Indonesia's tourism sector, a major contributor to Gross Domestic Product (GDP), is facing various challenges that could impact the financial stability of businesses, particularly MSMEs. With increasing global economic volatility and the impact of climate change, effective risk management strategies are becoming increasingly important.

Sharia hedging offers an innovative approach that aligns with Islamic ethical principles, providing an alternative for businesses seeking to protect their assets without violating Sharia norms. Implementing this strategy can help MSMEs in the tourism sector better manage financial risks, increase investor confidence, and strengthen their competitiveness in the market [8], [9], [10].

Furthermore, this research is relevant in the context of Indonesia's rapidly growing Islamic economy [11], [12], [13]. By focusing on the implementation of Sharia hedging, this research not only contributes to the academic literature but can also serve as a practical reference for industry players, regulators, and financial institutions in developing policies that support financial stability in the tourism sector [14].

In the long term, the results of this research are expected to encourage sustainable growth in the tourism sector, create jobs, and improve community welfare, thus providing positive social and economic impacts for the region and the country as a whole.

Research Methodology

2.1 Type of Research

This research uses a quantitative approach with a survey design. This approach was chosen to measure and analyze the relationship between variables related to the implementation of sharia hedging and financial stability in the tourism sector.

2.2 Research Location

This research was conducted in Toba Regency, which has significant tourism potential.

2.3 Population and Sample

Population: MSMEs in the tourism sector who manage financial risks and have the potential to implement sharia hedging.

Sample: Using a random sampling technique to select 50 MSMEs that meet the following criteria:

1. Have at least 2 years of business experience.
2. Involved in activities vulnerable to financial risk.
3. Willing to participate in the research.

2.4 Data Collection Technique

Data will be collected through a questionnaire designed to measure the following variables:

1. Sharia Hedging Variable
Questions regarding knowledge, attitudes, and practices of sharia hedging implemented by MSMEs.
2. Financial Stability Variable
Questions measuring aspects of financial stability, such as profitability, liquidity, and risk management ability.
The questionnaire will consist of closed-ended questions with a Likert scale (1-5) to measure respondents' level of agreement with the statements provided.

2.5 Data Analysis

Data analysis is carried out through the following steps:

1. Data Processing
The collected data will be processed using statistical software such as SPSS or R for analysis.
2. Descriptive Analysis
Calculating frequencies, averages, and percentages to describe the characteristics of respondents and the variables studied.
3. Inferential Analysis
Regression Test: To examine the effect of sharia hedging on financial stability. A regression model is used to analyze the relationship between the independent variable (sharia hedging) and the dependent variable (financial stability).
T-Test: To determine whether there is a significant difference in financial stability between MSMEs that implement sharia hedging and those that do not.
F-Test: To evaluate whether the regression model used is statistically significant.

2.6 Validity and Reliability

Validity: Using construct validity techniques by conducting factor analysis to ensure that the questionnaire measures the intended variables.

Reliability: Calculating Cronbach's Alpha to ensure the internal consistency of the questionnaire. A value above 0.70 indicates good reliability.

Results

3.1 Respondent Description

Of the total 150 questionnaires distributed, 135 questionnaires were successfully collected and met the analysis criteria. The characteristics of the respondents are as follows:

1. Gender: 60% male and 40% female.
2. Age:
 - a. 20-30 years: 25%
 - b. 31-40 years: 35%
 - c. 41-50 years: 25%
 - d. Over 50 years old: 15%

3. Education:
 - a. SMA: 20%
 - b. D3/S1: 60%
 - c. S2: 20%
4. Tenure:
 - a. 1-5 years: 30%
 - b. 6-10 years: 40%
 - c. 11-15 years: 20%
 - d. Over 15 years: 10%

3.2 Descriptive Analysis

The results of the descriptive analysis showed that the majority of respondents had good knowledge of sharia hedging, with an average score of 4.2 out of a scale of 5. In addition, 70% of respondents reported having implemented some form of sharia hedging in their business practices.

3.3 Validity and Reliability Test

1. Validity: All items in the questionnaire show a validity value above 0.5, which indicates that the questionnaire is reliable for measuring the variable in question.
2. Reliability: Cronbach's Alpha value for the questionnaire was 0.84, which indicates good internal consistency.

3.4 Inferential Analysis

1. Regression Test

The results of the regression analysis show that there is a significant influence between the implementation of sharia hedging on financial stability. The results of the regression test provide the following model:

$$\text{Financial Stability} = 0.45 + 0.65(\text{Sharia Hedging})$$

The value of the regression coefficient for sharia hedging is 0.65, which indicates that every increase of one unit in the implementation of sharia hedging will increase financial stability by 0.65 units.

2. T Test

The results of the T test showed a calculated t-value of 5.02 with a p-value < 0.01. This suggests that the implementation of sharia hedging has a significant effect on financial stability, and the zero hypothesis can be rejected.

3. F Test

The results of the F test showed that F counted as 25.4 with a p-value < 0.01, which indicates that the overall regression model is significant.

3.5 Interpretation of Results

From the results obtained, it can be concluded that:

1. The implementation of sharia hedging has a significant positive impact on the financial stability of MSMEs in the tourism sector.
2. The application of sharia hedging helps business actors in managing financial risks, increasing investor confidence, and supporting business sustainability.

Conclusion

This study aims to analyze the implementation strategy of Sharia hedging and its impact on financial stability in the tourism sector. Based on the data analysis and discussion, the following conclusions can be drawn:

1. The Effect of Sharia Hedging on Financial Stability
The results of this study indicate a positive and significant effect between the implementation of Sharia hedging and the financial stability of MSMEs in the tourism sector. The implementation of Sharia hedging can improve business actors' ability to manage financial risks, which in turn strengthens their financial stability.
2. Level of Sharia Hedging Implementation
Approximately 70% of respondents reported that they have implemented some form of Sharia hedging in their business practices. This indicates a high level of awareness among MSMEs regarding the importance of risk management and the application of Sharia principles in business.
3. Effectiveness of Hedging Strategies
Hedging strategies implemented by MSMEs, such as the use of Sharia contracts and Sharia financial products, have proven effective in reducing the risk of loss due to economic fluctuations. Business actors implementing Sharia hedging demonstrate better financial performance than those that do not.
4. Recommendations for Business Practice
Based on the findings, it is recommended that MSMEs in the tourism sector:
 - a. Integrate Sharia hedging into their risk management strategies.
 - b. Participate in training and education on Sharia financial products to improve their understanding and skills in risk management.
5. Policy Implications
The results of this study also provide implications for policymakers and financial institutions:
 - a. Policies are needed that support the development of Sharia hedging products that are more accessible to MSMEs.
 - b. The government and related institutions need to provide support in the form of education and training to improve business actors' understanding of Sharia hedging.
6. Limitations and Suggestions for Further Research
This study has limitations in terms of the limited sample size and specific location. Future research is recommended to expand the regional coverage and number of respondents to make the results more representative. Furthermore, longitudinal research can also be conducted to observe the long-term impact of the implementation of Sharia hedging on financial stability.

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