

## **MSME Financing in Indonesia Islamic Banks: Impact of Third-Party Funds, ROA, and FDR**

Rahmanisa Aulia Safitri<sup>1</sup>, Saparuddin Mukhtar<sup>2</sup>, Siti Fatimah Zahra<sup>3</sup>

<sup>1,2,3</sup> Universitas Negeri Jakarta, Indonesia

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### **Corresponding author:**

[rahmanisaaulia22@gmail.com](mailto:rahmanisaaulia22@gmail.com)

### **Author's email:**

[saparuddinmukhtar@gmail.com](mailto:saparuddinmukhtar@gmail.com),

[sitifatimahzahra@gmail.com](mailto:sitifatimahzahra@gmail.com)

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### **Abstract**

This research aims to analyze the internal factors of banks that influence the distribution of MSME financing at Sharia Commercial Banks. The internal factors in question are seen in terms of Bank Assets, Profitability, and Liquidity. This point of view is measured by the independent variables, namely Third-Party Funds, Return on Assets, and Financing to Deposit Ratio. This research uses time series data sourced from the Otoritas Jasa Keuangan for the period January 2021 - December 2023. Multiple regression models are used for research that employs more than one independent variable. The parameters of multiple linear regression models were estimated using the ordinary least square (OLS) method. This research analyzed publication data from the Otoritas Jasa Keuangan, covering 13 Sharia Commercial Banks, and data from various relevant journals using Eviews 10. The results of the research and hypothesis testing conducted showed that: First, partially, the Third-Party Funds and Financing to Deposit Ratio variables have a significant positive effect on MSME Financing, while the Return on Assets variable has a nonsignificant negative effect on MSME Financing for Sharia Commercial Banks. Second, simultaneously, Third Party Funds, Return on Assets, and Financing to Deposit Ratio have a significant positive effect on MSME Financing at Sharia Commercial Banks. With these results, it is hoped that this research can contribute to policy or decision making for Sharia Commercial Banks to increase financing to the MSME sector, both working capital financing and investment financing for the MSME sector in Indonesia.

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## **Introduction**

As a financial institution that is key in supporting the Indonesian economy, the role of banking is very important in improving the welfare of the community, especially with its main function in channeling credit to the community. Through lending, banks can maximize investment growth which has an impact on economic growth in Indonesia. This form of lending can be in the form of financing to large sectors, medium-sized businesses, and even small businesses. In addition, banks also play an important role in helping solve people's financial problems by acting as institutions that provide official fund-raising services and ensure that public money remains safe (Iqbal & Mirakhor, 2013).

In Indonesia, there are two types of banks, namely Conventional Banks and Sharia Banks. Sharia Banks is one of financial solutions for the community other than Conventional

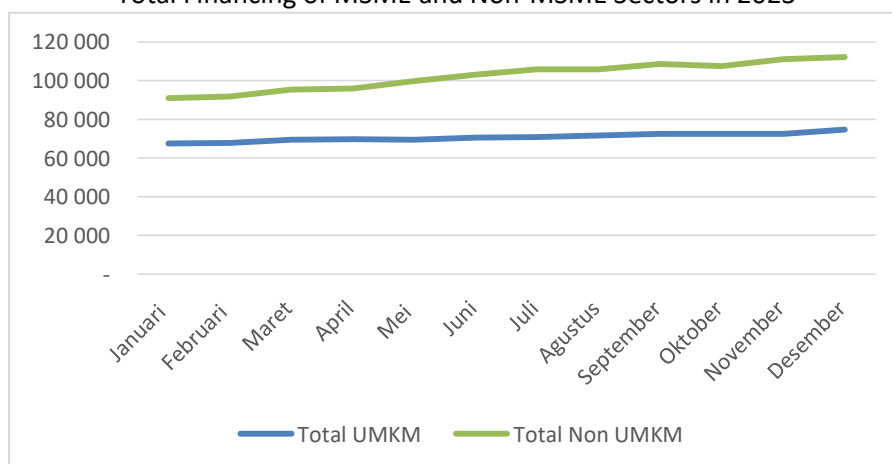
Banks. Not only that, Sharia Banks has an important role in improving the welfare of community with anti-usury products that burden the community. The existence of Sharia Banking continues to show rapid development in Indonesia with the existence of Law Number 10 of 1998 concerning the development of Sharia banking in Indonesia. Along with the increasingly massive Sharia banking in Indonesia, the government regularly makes Sharia banking an alternative solution for economic development in Indonesia (Alhusain, 2021).

The rapid growth of Sharia banking in Indonesia can also be attributed to the increasing awareness and preference of the community towards financial products that align with their religious beliefs. Sharia banking, which operates based on Islamic principles, prohibits the practice of charging interest (usury) and instead promotes profit-sharing, equity participation, and ethical investments. This ethical approach has garnered significant interest not only from the Muslim population but also from those seeking ethical and socially responsible banking options (Khan, 2010).

In this era, one of the important roles of Sharia banking is conveying Sharia financing. Financing aims to support investment, working capital and consumption of customers (Nasution, 2005). One of the priorities is the Micro, Small and Medium Enterprise (MSME) sector. In fact, based on data from the Ministry for Economic Affairs of the Republic of Indonesia in August 2023, the MSME sector contributed 61% to Gross Domestic Product (GDP), or IDR 9,580 trillion. This highlights the crucial role of MSMEs in the economy and underscores the importance of providing adequate financing to this sector (Ministry for Economic Affairs of the Republic of Indonesia, 2023).

However, in fact, the proportion of MSME financing distributed to customers is still low compared to non-MSME financing. If deepened, financing from Sharia Commercial Banks can be viewed from the perspective of financing for MSMEs and non-MSMEs. This statement has a relationship with the amount of financing channeled by Sharia Commercial Banks to the MSME sector presented in Table 1. Since 2021-2023, the non-MSME sector has always dominated the working capital and investment financing products distributed by Sharia Commercial Banks. Moreover, it is explained in Table 1 that the increase in the amount of non-MSME financing is quite significant every month, compared to MSME sector financing which only experienced a small or relatively stagnant increase (Otoritas Jasa Keuangan, 2023).

**Tabel 1.**  
Total Financing of MSME and Non-MSME Sectors in 2023



Source: Otoritas Jasa Keuangan, 2023

Technically, banks, both conventional and sharia, have difficulty channeling MSME financing due to insufficient collateral held by MSMEs (Husaeni et al., 2021). In this way,

small businesses can be threatened even though they have enormous potential to improve the economy (Nusty, 2022).

Considering the importance of continuous scientific research in providing ideas and discoveries that help solve the country's economic problems. This paper predictions of internal factors that influence of the distribution of MSME financing such Third Party Funds, Return On Assets, and Financing to Deposit Ratio will be discussed further. Which of these three factors is discussed in terms of capital, profitability and liquidity of banking.

## **Literature Review**

### **Sharia Financing**

Financing is a form of funding to support economic activities for working capital, consumption or investment provided from one party to another. According to Antonio (2001), financing is one of the important tasks of banks, namely providing facilities to parties who have unit deficits with the aim of meeting their needs. So, therefore, financing in sharia principles is a form of funding in the form of money lent by a bank to another party based on an agreement involving both parties to determine the nominal installment, repayment period and determination of profit sharing.

According to (Antonio, 2001), based on the nature of use, financing can be divided into two financing, namely productive financing and consumer financing.

1. Productive financing, namely financing for production needs to improve business prospect in the future. Productive financing is intended for production, trade and investment businesses. According to Asnan (2019) financing really helps producers achieve success in terms of materials to streamline production, processing and distribution processes. Productive financing is divided into two types, namely working capital financing and investment financing:
  - Working capital financing refers Financing is used in meeting the needs of the community, both quantitatively to increase the amount of production output. Meanwhile, qualitatively, this financing is used to improve the quality of production goods to fulfill the quality of production products used for trade purposes (Litriani & Leviana, 2017)
  - Investment Financing refers to financing aimed at meeting customers' investment needs. Generally, investment financing is in fulfilling business capital, providing capital goods facilities, etc (Litriani & Leviana, 2017)
2. Consumptive financing, namely financing that aims to fulfil consumption needs that will be used up. In practice, consumer financing in Sharia banks is mostly to fulfil secondary needs, namely additional needs which, if not met, do not interfere with survival (Antonio, 2001)

### **MSMEs Micro, Small Medium Enterprise (MSMEs)**

MSME companies are small-scale companies with ownership and management by individuals or small groups with a certain amount of wealth and income. Bank Indonesia classified MSMEs into four groups namely:

1. Informal sector MSMEs, are the ability of business don't have entrepreneur skill to develop their business.
2. Micro MSMEs are the ability of business actors who still lack entrepreneurial skills in developing their businesses
3. Dynamic Small Businesses, namely MSMEs that can export their production results and establish sub-contract collaborations.

4. Fast Moving Enterprise is the ability of MSMEs to be very professional, have good entrepreneurial skills, and are ready to transform into large businesses.

### **Supporting Theory Variables that Influence Sharia Banking Financing**

#### **1. Commercial Loan Theory**

Fundamentally, the use of assets from the balance sheet is used to connection the bank's liquidity needs. Commercial Loan Theory was put forward by Adam Smith in his book *The Wealth of Nation* in 1776. This theory emphasizes that in the short term, if the bank's productive assets are disbursed during normal business activities, the result is that bank liquidity can be guaranteed. Meanwhile, in the long term, banks can provide long-term credit using funding sources from bank capital and long-term funding sources, not just from productive assets.

#### **2. Financial Intermediation Theory**

Banks have a fund intermediation function, where in bank operations, banks can collect funds from parties with excess funds and then distribute them to parties lacking funds through credit or financing. This theory also emphasizes that the costs or funds spent are also in line with how a company manages risks which will later aim to develop company value (Allen & Santomero, 1998)

### **Variables that Influence Sharia Banking Financing**

#### **Third Party Funds**

Third Party Funds are funds be gathered from people who save their money in banks are known as customers of banks. According to Kasmir (2002), Third Party Funds are a measure of a bank's success and are the most important source of funds for a bank's operational activities to be turned back into generating profits for the bank. The use of Third Party Funds can be used to rotate cash flow and support bank operational activities, namely in the form of financing or credit (Destiana, 2016).

According to Hery (2019), Third Party Funds are short-term and unpredictable. Third party funds are closely related to bank operational liquidity, which in terms of policy is very complex. The research results of Aranita et al. (2022) and Aziz & Tri (2021) also state that Third Party Funds have a positive impact on distribution of MSME financing in Sharia Commercial Banks and Sharia Business Units. It means, more Third Party Funds will have a leverage on increase financing distribution on own banks.

#### **Return on Assets**

Return on Assets is the ratio of net profit balance before tax to the total company assets as a whole. Return on Assets also describes a company's ability to use its assets to earn profits. If banks have Return on Asset highly, bank will have the excellent level of profit achieved by the bank. Return on Assets value which is always increasing reflects the bank's capable position in using assets (Munawir, 2000)

Return on Assets can describe a bank's potential to managing assets to raising profits which will later be useful in financing or banking credit (Widiyanti et al., 2014). Research Khaddafi et al., (2022) and Sari (2019) produces the same thing that Return on Assets has a significant positive effect on MSME Financing of Sharia Commercial Banks because Return on Assets in Sharia banks tends to increase and MSME Financing also increases.

#### **Financing to Deposit Ratio**

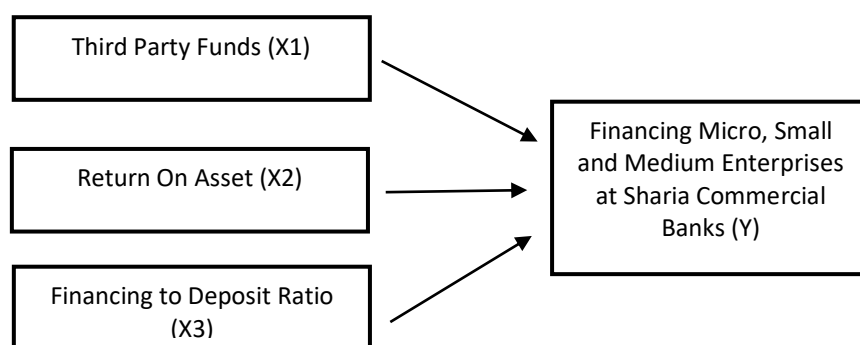
Financing to Deposit Ratio is ratio of funding financing distributed by banks with total sharia funds (Third Party Funds) collected by sharia community banks. Financing to Deposit

Ratio represents the state of bank liquidity. Liquidity that occurs in banking is the bank's capability to fulfill its obligations, customers saving in continuing its operational activities (Destiana, 2016)

If bank have Financing to Deposit Rasio highly at a certain level, bank will have the excellent level of financing liquidity achieved by the bank., which will then increase sharia bank financing to the MSME sector (Putri & Musthofa, 2023; Ria & Manzilati, 2023). However, on the other hand, the higher Financing to Deposit Ratio that exceeds the healthy limit for a bank, it will give an idea that the lower the quality of the bank's health condition from the liquidity aspect of the bank concerned is due to the large amount of funds channeled by the bank for financing (Destiana, 2016). Excess financing can actually benefit the bank, but in the long term it will create risks where the bank must have enough funds to return customer funds held in the form of savings, time deposits, and demand deposit, current accounts and savings which will be withdrawn. If you don't have enough funds, it will reduce the level of customer trust in the bank (Rasyidin, 2016).

## Hypotheses

Based on the theoretical framework above and supported by several previous research results, a research structure can be formulated between the variables Third Party Funds, Return on Assets, Financing to Deposit Ratio, and Sharia Banking Financing in the MSME Sector.



Hypothesis is an estimate of the temporary results of the research variables used based on previous research and the theory used. The following are the hypotheses obtained in this research, including:

- H1 : Third Party Funds have a positive significant influence financing MSME sector on Sharia Commercial Bank
- H2 : Return on Assets has a positive significant influence financing MSME sector on Sharia Commercial Bank
- H3 : Financing to Deposit Ratio has a positive significant financing MSME sector on Sharia Commercial Bank

## Research Methods

The main topic of analysis is Determinant from Sharia Commercial Banking Financing in the Micro, Small and Medium Enterprise Sector. Meanwhile, In this research analyzed internal factors of banks that are estimated to influence the distributed of MSME financing by Sharia Commercial Banks. These factors are Third-Party Funds, Return on Assets, and Financing to Deposit Ratio. The time period to be studied is from January 2021 to December 2023. The population is Sharia Commercial Banks operating in Indonesia, which are registered with Otoritas Jasa Keuangan as many as 13 BUS.

Multiple regression models are used for research that uses more than one independent variable. This model is used to ensure how influence independent and dependent variables. For this reason, the method commonly used to estimate the parameters of multiple linear regression models is the ordinary least square (OLS) method. Furthermore, the first step before the multiple linear regression test is to carry out the Classic Assumption Test. This Classic Assumption Test was carried out with the aim of ensuring that this regression model can be BLUE (Best, Linear, Unbiased, Estimator) (Gujarati, 2003). The following is the equation model in this research:

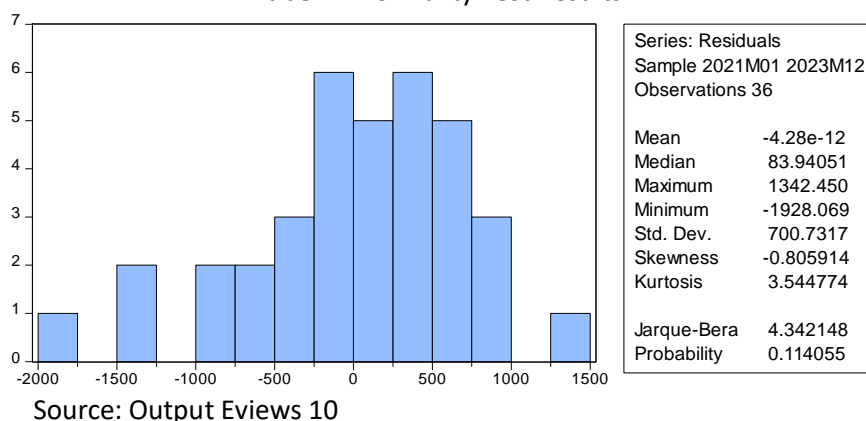
$$Y_{\text{MSME Financing}} = \beta_0 + \beta_1 X_{1\text{TPF}_t} + \beta_2 X_{2\text{ROA}_t} + \beta_3 X_{3\text{FDR}_t} \text{ et}$$

Therefore, this research of using multiple regression analysis is to determine the internal bank factors that sharia commercial banks must maximize in order to maximize the financing MSME sector. This research utilized publication data from the Otoritas Jasa Keuangan with a total of 13 Sharia Commercial Banks and data from various relevant journals, all of which were analyzed using Eviews 10.

## Results and Discussion

### Normality Test

**Tabel 1. Normality Test Results**



Based on the Normality Test results from the Normality histogram above, the calculated Jarque-Bera probability value is 0.114055, which is a result greater than 0.05 ( $0.114055 > 0.05$ ). So the conclusion is that the residuals are normally distributed.

### Autocorrelation Test

**Tabel 2. Autocorrelation Test Results**

Dependent Variable: PPS			
Method: Least Squares			
Date: 03/12/24 Time: 13:12			
Sample: 2021M01 2023M12			
Included observations: 36			
F-statistic	506.0644	Durbin-Watson stat	1.118127
Prob(F-statistic)	0.000000		

Source: Output Eviews 10

Based on the results of the Autocorrelation Test in this research, the Durbin Watson stat value is 1.118127, this result is between -2 and +2, meaning there are no symptoms of autocorrelation

Variance Inflation Factors  
Date: 03/12/24 Time: 13:16  
Sample: 2021M01 2023M12  
Included observations: 36

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	7925976.	531.2924	NA
DPK	1.23E-05	124.6790	1.495990
ROA	979602.1	257.5617	1.284997
FDR	1688.819	656.4587	1.403009

### Multicollinearity Test

**Tabel 3.** Multicollinearity Test Results

Source: Output Eviews 10

Based on the results of the Multicollinearity Test in this research, the Variance Inflation Factor (VIF) value for the Third-Party Funds variable is 1.495990, Return on Assets variable is 1.284997, and Financing to Deposit Ratio variable is 1.403009, so independent variables such Third Party Funds, Return on Assets, and Financing to Deposit Ratio in this research have a Variance Inflation Factor (VIF) value < 10. So, it can be concluded that there is no multicollinearity.

### Linearity Test

**Tabel 4.** Linearity Test Results

Ramsey RESET Test  
Equation: UNTITLED  
Specification: PPS C DPK ROA FDR  
Omitted Variables: Squares of fitted values

	Value	Df	Probability
F-statistic	0.805180	(1, 31)	0.3765

Source: Output Eviews 10

Base linearity test in this study used the Ramsey Reset Test, which in this study was the prob value. F-statistic is 0.3765 (> 0.05). So, it can be concluded that the relation between

the variables is linear. The Classical Assumption Test carried out was declared passed so that multiple linear analysis could be carried out with the following results

### Multiple Linear Regression Analysis

**Tabel 5.** Multiple Linear Regression Results

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7416.692	2815.311	2.634413	0.0129
DPK	0.099512	0.003510	28.35070	0.0000
ROA	-1277.540	989.7485	-1.290772	0.2060
FDR	291.2186	41.09525	7.086431	0.0000
F-statistic	506.0644			
Prob(F-statistic)	0.000000			

**Source:** (Data processing, Eviews 10)

Based on the results of data processing, the results of the regression model in this study are as follows:

$$Y = 7416.692 + 0.099512 (TPF) - 1277.540 (ROA) + 291.2186 (FDR)$$

About regression equation which using in this research, it can be concluded that:

1. If Third Party Funds, Return on Assets, and Financing to Deposit Ratio have fixed values (constant), then the constant value has a value of 0, which will cause Y (Sharia Banking Financing for the MSME Sector) to be 7416,692.
2. If the value of X1 (Third Party Funds) increases by 1% then Y (Sharia Banking Financing for the MSME Sector) will increase by 9.95 index units
3. If the value of X2 (Return on Assets) increases by 1% then the value of Y (Sharia Banking Financing for the MSME Sector) will decrease by 127,754 index units
4. If the value of X3 (Financing to Deposit Ratio) increases by 1% then the value of Y (Sharia Banking Financing for the MSME Sector) will decrease by 29,121 index units
5. Simultaneously, Third Party Funds, Return on Assets, and Financing to Deposit Ratio together have an f statistic probability value of  $0.0000 < 0.05$ , meaning that all independent variables have an influence on MSME Financing.

### Third Party Funds

Partially, the error level for processing this data uses an alpha of 0.05, so that the TPF probability value is  $0.0000 < 0.05$ , which means that there is a positif significant relationship between the Third-Party Funds variables and MSME financing at Sharia Commercial Banks. However, partially the level of influence only increases by 9.95 index units for every 1% increase in Third Party Funds.

This is in accordance with the Commercial Loan Theory by Adam Smith which states that as Third-Party Funds increase, banks will increase their disbursement in business activities through financing products so that liquidity can be guaranteed. However, according to data from the Otoritas Jasa Keuangan, Sharia Banking Statistics January 2021-December 2023, there is a gap in growth rates between working capital financing and investment



financing in the MSME sector. This indicates that although the effect is positive and significant, there are several things that need to be emphasized.

1. Public trust is increasing as seen from third party funds which are always increasing, but this must be accompanied by the progress rate of working capital financing and investment for MSMEs which must be balanced from year to year. The results from Nugroho et al. (2018) and Umiyati & Ana (2020) research is in line with this research
2. The financing structure of sharia commercial banks is increasingly directed towards consumptive activities. This can be seen from the 2023 Sharia Banking Statistics financial report, the portion of consumer financing in 2023 is around 49% of the total financing disbursed by Sharia Commercial Banks so that productive financing will be smaller. Research Kasmiati (2021) offers that also must be anticipated in terms of the portion for consumer financing which is always increasing and banks always encourage MSME financing and balance it. with non-MSME groups.

### **Return on Assets**

Partially, the Return on Assets probability value is  $0.0000 < 0.05$ , which means that there is a nonsignificant relationship between the Return on Assets variables and MSME financing at Sharia Commercial Banks. Which means in line with Pramono et al. (2019) and Zaimsyah (2020) research, increasing ROA has no effect on increasing MSME financing. Even though Return on Assets of sharia commercial banks always increases if averaged every year, it has no effect on MSME financing because sharia commercial banks prioritize to use of profits for products and other operations and is also supported by the opinion that MSME financing has a high risk with a low rate of return not comparable to other financing products (Hariyanto & Nafi'ah, 2022).

Sharia Commercial Banks still do not have great confidence in channeling financing to the MSME sector because the MSME sector still requires quite a large amount of capital but the risks borne are also large and there is still a lack of productivity in MSMEs so that the high credit risk that arises in terms of customers' ability to make installments causes the possibility that large number of people experiencing credit problems (Dienul Fathia & Ima Amaliah, 2023).

In addition, one of the reasons for the difference between this research and the existing theory is due to the discrepancy between theory and fact and the inconsistency between the increase or decrease in ROA on the amount of MSME financing at Sharia Commercial Banks in each quarter in 2021. This can be seen in the Sharia Banking Statistics data issued by Otoritas Jasa Keuangan in 2021, in the first quarter of 2021 ROA showed a value of 2.66% with MSME financing of IDR 59.146 billion, and in the second quarter of 2021 the ROA level decreased to 1.94% but the amount of MSME financing was IDR 60.556 billion, in the third quarter to the fourth quarter of 2021 the ROA level always decreased but the amount of MSME financing always increased. With this explanation, a statement can be made that the results indicate that the level of ROA is not necessarily certain in a consecutive period of time that it can affect the growth in the amount of MSME financing channeled by Sharia Commercial Banks in Indonesia.

### **Financing to Deposito Ratio**

Partially, the Return on Assets probability value is  $0.0000 < 0.05$ , which means that there is a significant relationship between the Financing to Deposit Ratio variable and MSME Financing at Sharia Commercial Banks. The higher the FDR, the more impact it will have on

the positive trend of MSME financing at Sharia Commercial Banks (Ria & Manzilati, 2023) (Husaeni et al., 2021; Ria & Manzilati, 2023)

The research results of Umiyati & Ana (2020), say that Financing to Deposit Ratio can have a significant effect on financing at Sharia Commercial Banks that banks will measure the quality of sharia commercial bank intermediation from the Financing to Deposit Ratio so that banks can optimize appropriate financing distribution decisions. In line with research conducted by Putri & Musthofa (2023), the number of FDR that are in accordance with the standard, namely 80-100%, affects the bank's ability to bank liquidity and shows that banks can properly manage the funds collected at sharia Commercial Banks and then channeled to MSME financing products. It is necessary to increase the FDR ratio every year so that bank liquidity will continue to increase in distributing financing to MSMEs. By optimizing the funds collected by the bank from third parties.

## Conclusion

The conclusion of research regarding the influence of Third Party Funds, Return on Assets and Financing To Deposit Ratio on MSME financing at Sharia Commercial Banks in Indonesia in the period January 2021 - December 2023 based on the t test and f test, results can be concluded, namely:

1. Partially, Third Party Funds have a positive and significant effect on MSME financing at Sharia Commercial Banks in the period January 2021 – December 2023.
2. Partially, Return on Assets has a negative and nonsignificant effect on MSME financing at Sharia Commercial Banks in the period January 2021 – December 2023.
3. Partially, Financing to Deposit Ratio has a positive and significant effect on MSME financing at Sharia Commercial Banks in the period January 2021 – December 2023.
4. Simultaneously, Third Party Funds, Return on Assets, And Financing to Deposit Ratio have a positive and significant effect on MSME financing in Sharia Commercial Banks in the period January 2021 – December 2023.

For further research, additional variables can be used from internal banks or external banks in the form of macroeconomic variables that contribute to indicators of financing distribution intended for the MSME sector in order to enrich the research results in the research period of the following years. Apart from that, the data used is sourced from each sharia bank so that the research results can be specific to a particular bank.

## References

- Alhusain, A. S. (2021). Bank Syariah Indonesia: Tantangan dan Strategi dalam Mendorong Perekonomian Nasional. *Info Singkat: Bidang Ekonomi Dan Kebijakan Publik*, 13(3), 19–24.
- Allen, F., & Santomero, A. M. (1998). The Theory of Financial Intermediation. *Journal of Banking & Finance*, 21, 1461–1485. [https://doi.org/10.1016/S0378-4266\(97\)00032-0](https://doi.org/10.1016/S0378-4266(97)00032-0)
- Antonio, M. S. (2001). *Bank Syariah dan Teori ke Praktik*. Gema Insani Press.
- Aranita, H. D., Fakhruddin, I., Pramono, H., & Pratama, B. C. (2022). Pengaruh Jenis Produk Pembiayaan Dan Dana Pihak Ketiga Terhadap Profitabilitas Pada Bank Umum Syariah Indonesia. *NISBAH: Jurnal Perbanka Syariah*, 8(2), 138–155. <https://doi.org/10.30997/jn.v8i2.7348>
- Ardi Khoirul Asnan. (2019). *Analisis Pembiayaan Produktif (Ar-Rum) Terhadap Peningkatan*

- Pendapatan Nasabah Pedagang Dalam Perspektif Ekonomi Islam* [UIN Raden Intan Lampung]. <http://repository.radenintan.ac.id/5854/1/SKRIPSI.pdf>
- Destiana, R. (2016). Analisis Faktor-Faktor Internal Yang Mempengaruhi Pembiayaan Usaha Mikro Kecil Dan Menengah (Ukm) Pada Bank Syariah Di Indonesia. *Jurnal Riset Keuangan Dan Akuntansi*, 2(1), 15–28. <https://doi.org/10.25134/jrka.v2i1.444>
- Dienul Fathia, Y., & Ima Amaliah. (2023). Strategi Bank Umum Syariah dalam Mengatasi Fluktuasi Makroekonomi untuk Mendukung Pembiayaan UMKM yang Berkelanjutan. *Bandung Conference Series: Economics Studies*, 3(2), 557–565. <https://doi.org/10.29313/bcses.v3i2.9494>
- Gujarati, D. (2003). Basic Econometrics : Fouth Edition. In *McGraw-Hill Higher Education* (Vol. 82, Issue 326). McGraw–Hill. <https://doi.org/10.2307/2230043>
- Hariyanto, H., & Nafi'ah, B. (2022). Pengaruh Aktivitas Lembaga Keuangan Syariah terhadap Pertumbuhan Pembiayaan UMKM. *Jurnal Ilmiah Ekonomi Islam*, 8(1), 945. <https://doi.org/10.29040/jiei.v8i1.3780>
- Hery. (2019). *Manajemen Perbankan*. PT Grasindo, Anggota IKAPI.
- Husaeni, U. A., Zakiah, S., & Faisal, F. (2021). *Determinants of Micro and Small Business Financing In Sharia Commercial Banks In Indonesia*. 7(03), 1499–1504.
- Kasmia, K. (2021). Dinamika Pembiayaan Perbankan Syariah Dalam Mengembangkan Dunia Usaha. *Lab*, 5(02), 140–151. <https://doi.org/10.33507/labatila.v5i01.393>
- Kasmir. (2002). *Dasar-Dasar Perbankan* (8th ed.). PT RajaGrafindo Persada.
- Khaddafi, M., Chalirafi, C., Muchsin, M., & Khairani, E. (2022). ANALISIS FAKTOR YANG Mempengaruhi Penyaluran Pembiayaan UMKM (Studi Pada Bank Umum Syariah Di Indonesia Periode 2015-2019). *E-Mabis: Jurnal Ekonomi Manajemen Dan Bisnis*, 23(1), 40–48. <https://doi.org/10.29103/e-mabis.v23i1.803>
- Litriani, E., & Leviana, L. (2017). Pengaruh Pembiayaan Modal Kerja Terhadap Pendapatan Usaha Nasabah pada PT. Bank Syariah Mandiri Kantor Cabang Simpang Patal Palembang. *I-Finance: A Research Journal On Islamic Finance*, 3(2), 123–140.
- Munawir. (2000). *Analisa Laporan Keuangan*. Liberty.
- Nasution, M. L. I. (2005). *Manajemen Pembiayaan Bank Syariah*.
- Nugroho, A., Alexandi, M. F., & Widyastutik. (2018). Analisis Pengaruh Kinerja BPRS dan Kondisi Makroekonomi terhadap Penyaluran Pembiayaan Modal Kerja dan Investasi BPRS di Indonesia (Periode: 2011 - 2015). *Al-Muzara'ah*, 5(2), 146–167. <https://doi.org/10.29244/jam.5.2.146-167>
- Nusty. (2022). *Pemikiran Muhammad Umer Chapra Tentang Sistem Ekonomi Moneter Islam* [Institut Agama Islam Negeri Pare-Pare]. <http://repository.iainpare.ac.id/3210/1/17.2400.101.pdf>
- Pramono, I. P., Hartanto, R., & Apriliana, T. (2019). Determinant Factors of Msme Financing in Islamic Bank (Study Case in Indonesia). *Akuntansi Dewantara*, 3(1), 75–81. <https://doi.org/10.26460/ad.v3i1.4309>
- Putri, F. A. N., & Musthofa, M. W. (2023). The Effect of NPF, FDR, Bank Size and Covid-19 on MSME Financing of Indonesian Sharia Commercial Banks for the 2018-2021 Period. *Al Iqtishod: Jurnal Pemikiran Dan Penelitian Ekonomi Islam*, 11(2), 73–91. <https://doi.org/10.37812/aliqtishod.v11i2.885>
- RASYIDIN, D. (2016). Financing To Deposit Ratio (Fdr) Sebagai Salah Satu Penilaian Kesehatan Bank Umum Syariah (Study Kasus Pada Bank Bjb Syariah Cabang Serang). *Islamiconomic: Jurnal Ekonomi Islam*, 7(1), 19–36. <https://doi.org/10.32678/ijei.v7i1.34>
- Ria, M., & Manzilati, A. (2023). Faktor Eksternal Dan Internal Yang Mempengaruhi Pembiayaan Bank Umum Syariah Kepada Ukm Mega. *Islamic Economics And Finance In Focus*, 2(3), 411–421.

- Sari, D. N. P. (2019). *Pengaruh Pertumbuhan Dana Pihak Ketiga, Likuiditas, Kualitas Aktiva, Profitabilitas, Permodalan, Dan Efisiensi Terhadap Pembiayaan UMKM Pada Bank Syariah.*
- Umiyati, U., & Ana, L. T. (2020). Faktor-Faktor Yang Mempengaruhi Pembiayaan Pada Bank Umum Syariah Devisa Di Indonesia. *Jurnal Ekonomi Dan Perbankan Syariah*, 5(1), 39–62. <https://doi.org/10.46899/jeps.v5i1.165>
- Widiyanti, Mariso, M., & Sjahrudin. (2014). Analisis Pengaruh CAR, ROA, NPL, BOPO dan DPK terhadap penyaluran kredit UMKM di Indonesia. *JOM FEKON*, 1(2), 1–15.
- Zaimsyah, A. M. (2020). Factors Affecting the Distribution of Micro, Small and Medium Enterprises (MSME) Financing in Islamic Banks. *AL-FALAH : Journal of Islamic Economics*, 5(1), 38. <https://doi.org/10.29240/alfalah.v5i1.1156>