

The Effect of Profitability, Debt Policy, Political Connections, Economic Crisis on Tax Aggressiveness

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Abstract

The primary goal of this study is to analyze the impact of economic and political power, debt policy, and political influence on tax aggressiveness during times of economic uncertainty. In this study, we choose as examples health and pharmaceutical firms trading on the Indonesia Stock Exchange between the years 2018 and 2021. To test for the predicted difference between before and after the covid 19 epidemic, researchers utilized multiple regression and other tests (paired sample t-test) in SPSS version 23. This research backs up the notion that fiscal stability and profitability affect tax aggressiveness. There was no difference in the prevalence of tax evasion strategies either before or after the Covid 19 pandemic, and neither debt policies nor political relationships seemed to have any influence on tax aggression. Using research findings to inform decision making or policy implementation may boost a company's future success. In addition to building on earlier replication attempts, this work also puts to the test comparisons made before and during the COVID-19 epidemic, making it a significant piece of research.

Keywords: *profitability; debt policy; political connection; financial crisis and tax aggressiveness*

INTRODUCTION

Uncollected taxes and the resulting loss to the country's economy are the main consequences of widespread corporate tax avoidance. Under normal circumstances, the government has not been able to optimize revenue. This makes it more difficult to collect the necessary taxes, and it becomes worse when companies engage in tax avoidance strategies. Their findings are detailed in a report titled "Tax Justice Network: (Tax Justice Network, 2020): Tax Justice in the Covid-19 Era" estimates that in 2020, unpaid taxes or tax losses in Indonesia reached US\$4,864 million or around Rp. 69.1 trillion.

The high tax rate in Indonesia suggests that tax fraud is commonplace there. The tax ratio is a measure of how well the government collects taxes. When the tax ratio is high, it means that taxes are effectively collected by the government. In 2018, the Indonesian government collected taxes on only 10.3 percent of people's income. (Y. I. Santoso, 2020).

The capacity to generate profits is critical to the success of any organization, as it demonstrates operational efficacy and reflects the overall performance of the company (Suwardika & Mustanda, 2017). The tax rate paid by a business rises in proportion to its profitability. The tax rate is proportional to the profitability of the company, as more money comes in from the business for the government to collect from its higher revenue. On the other hand, a business with a low profit rate may owe no tax at all if it operates at a loss. (Nugraha & Meiranto, 2015). According to research conducted by (Dewanti, 2022) Profitability has an impact on tax avoidance.

The company will be in a better position to reduce its tax burden when profits increase and new strategies are used to keep more of the business's hard-earned money in the bank.

The extent to which a company avoids paying taxes is influenced by factors including the funding methods it uses, including debt policy. (Zahirah, 2017). The interest rate paid to the lender will be high if the company relies heavily on borrowed money. Interest payments will cut income, which will lower the taxable income of this period. According to Article 6 paragraph (1) letter an of Law Number 36 of 2008 concerning Corporate Income Tax (PPH) in Indonesia, loan interest can be deducted as an expense (tax deductible). The results of

research by (Nugraha & Meiranto, 2015) show that a high level of debt has an adverse effect on tax aggressiveness. However, contrasting findings emerged from the investigation. (Aini et al., 2015) who found that the use of leverage significantly lowers ETR.

Politics is also a significant determinant of tax aggression among corporations. That's because economic and political issues always interact in complex ways. Lingga (2021) argues that there is empirical evidence to support the claim that political ties are the main motivator of tax aggression. According to research (Kim & Zhang 2016), corporate political ties affect tax aggressiveness by allowing companies to reduce tax payments and gain access to knowledge about tax laws. Likewise, (Wicaksono, 2017) revealed that political connections through commissioner relationships have a positive effect on tax aggression, the findings indicate that the political contacts of BUMN and BUMS are directed to lobby with the government to avoid audits. However, according to (Anggraeni, 2018) that being politically connected has no effect on how aggressively one pursues tax avoidance. This finding suggests that a company's political affiliation has little influence on its tax aggression.

During this period of global economic uncertainty, firms with limited resources are more likely to try to reduce their spending plans on investment, technology, and staff than firms with unlimited resources. (Campello et al., 2010). (Robert Leach & Paul Newsom, 2007) claim that businesses in financial distress are more likely to engage in earnings manipulation to look healthy, meet analyst demands, and keep the business operating at a satisfactory level. In addition, some research by (Crabtree & Maher, 2009) reported that the difference between accounting and tax earnings has changed significantly in the lowest-ranked companies, whose future cash flows decreased as a result of the economic crisis.

To save money, some businesses engage in a practice known as "tax aggressiveness". (Prima Dewi & Cynthia, 2018) and (Fitri & Munandar, 2017). In other words, aggressive tax planning is not acceptable. Without distinguishing between lawful, dubious, and fraudulent actions, tax aggressiveness is a form of tax avoidance that can harm the state. (Wahab et al., 2017).

Profitability, debt policy and political linkages, economic crisis/non-crisis, and tax aggressiveness are the four independent variables used in this study. The gap stems from the lack of research comparing business tax aggression before and after the CoVD-19 outbreak.

METHODS

The period from 2018 to 2021 was analyzed, and a sample of healthcare and pharmaceutical stocks traded on the Indonesia Stock Exchange was analyzed. Hypothetical differences between before and during the covid 19 pandemic were evaluated using SPSS version 23 multiple regression and paired sample t-test. The operational variables are outlined in Table 1.

Tabel 1. Operasionalisasi Variabel

No	Variable	Variable Defenitions	Proxy	Measurement	Data Scale
1	<i>Tax Aggressiveness</i> (Dependent Variable)	Tax aggressiveness is actions taken by companies to reduce their tax obligations	ETR	$ETR = \frac{\text{Total Tax Expenses}}{\text{Earnings Before Tax}}$ (Luke & Zulaikha, 2016)	Ratio
2	Profitability (Independent Variable)	<i>Return On Asset (ROA) is the ratio of net income to total assets which measures the company's ability to generate profits</i>	ROA	$ROA = \frac{\text{Earnings Before Tax}}{\text{Total Asset}}$ (Luke & Zulaikha, 2016)	Ratio

3	Debt Policy (Independent Variable)	The debt policy ratio is defined as the policy taken by the company to fund the company's operations by using financial debt DER.	DER	$DER = \frac{Total\ Debt}{Owners\ Equity}$ (Septariani, 2017).	Ratio
4	Political Connection (Independent Variable)	Political connection is a relationship that can be used to support the company. relationship that can facilitate all matters of state administration. According to Gomez and Jomo (2009) in Bayu and Ari (2016) political connection is the level of closeness relationship between the company	KP	<ul style="list-style-type: none"> • The board of directors and/or board of commissioners concurrently hold positions in the government. • The board of directors and/or board of commissioners are former government officials, former police officers, former military officials (Law No. 34 of 2004 Article 39 concerning TNI). • Company owners or shareholders are politicians/government officials/military officials/former government officials/former military officials. (Utari and Supadmi, 2017).	Ratio
5	Financial Crisis (Independent Variable)	company conditions where the demand for money exceeds the supply of money itself	FC	$Z = 0,717 (X1) + 0,847 (X2) + 3,11 (X3) + 0,420 (X4) + 0,998 (X5)$ where X1 = net working capital / total assets X2 = retained earning / total assets X3 = EBIT / total assets X4 = shareholder's equity / total liabilities X5 = sales / total assets Z value categories according to Altman (2000) include: 1) If the Z value < 1.23, then the company is prone to bankruptcy; 2) if Z > 2.90, then the company is not prone to bankruptcy; and 3) if the Z value is between 1.23 and 2.90, then it is categorized as a gray area.	Ratio
6	Firm Size (Control Variable)	The size of the total assets owned by the company in its ability	Size	$Size = Ln\ of\ total\ assets$ (I Gusti Ngurah Gede 2016)	Ratio

The regression equation is as follows:

$$TA_{it} = \alpha_0 + \alpha_1 Prof_{it} + \alpha_2 Lev_{it} + \alpha_3 KP_{it} + \alpha_4 FC_{it} + \alpha_5 Size_{it} + e$$

Descriptions:

TA = Tax Aggressiveness

α = Constanta

α_{1-5} = Coefficient of Explanatory Variable

- Prof = Profitability
- Lev = Leverage/Debt Policy
- KP = Political Connection
- FC = *Financial Crisis*
- Size = Firm Suze
- e* = *error*

RESULTS AND DISCUSSIONS

Result

Based on the data collection results, there were 14 companies per year, with the study conducted over four years; the total sample size was 56 companies. After collection, the data underwent various transformations. This study includes a combination of conventional assumption tests, hypothesis tests, and descriptive statistics.

As control variables, firm size (SIZE) is analyzed with profitability (PROF), debt policy (LEV), political connections (KP), Financial Crisis (FC), and tax aggression (TA). The results of descriptive analysis of research variables using SPSS 23 are as follows:

Table 2. Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
TA	56	.200	.378	.258	.0418
PROF	56	.097	2.760	.757	.643
LEV	56	.159	2.982	.856	.793
KP	56	0	1	.61	.493
FC	56	.619	5.483	2.543	1.351
SIZE	56	6.100	9.917	8.237	.998
Valid N (listwise)	56				

Source: Processed secondary data from SPSS 26 (2023)

Table 2 is an example of how the Effective Tax Rate (ETR) can be used as a proxy for Tax Aggressiveness by comparing a company's tax burden to its profit before tax. The average is 2.58 percent, the sum is 0.258. From the average value of tax aggressiveness, we can deduce the total amount of tax avoidance. Since 0.041 is further than 0.258, there is more variation in the mean (average) value of the data set. The ratio of a company's net profit after tax to its total assets is known as return on assets (ROA) and is often used as a surrogate for profitability. The efficiency with which current investments generate future profits is measured by this ratio. In percentage terms, the typical value is 0.757 percent. The data is varied as the standard deviation is very close to the mean (0.643). Since it measures how much debt a company has in relation to its equity, the Debt to Equity Ratio (DER) is often used as a substitute for other debt policy variables. Its typical value is 8.56 percent, or 0.856. The average value of debt policy indicates the company's ability to meet its financial obligations from ongoing operations. The results are inconsistent as the value of 0.793 is very close to the mean (average) value of 0.856.

The political link variable uses a dummy indicator, where 1 indicates the presence of a political link and 0 indicates the absence of such a link. A value of 0.61 (or an average of 6.1%) is normal. If the average value of political connection is positive, then the two parties have established a relationship that can be used to each party's advantage. The range of the Political Connection variable is 0 to 1, inclusive. The data is less

dispersed than expected, as the standard deviation of 0.493 is smaller than the mean of 0.61. The Altman z-score model provides a rough estimate of the Financial Crisis variable; a Z value of less than 1.23 indicates that the firm is vulnerable to bankruptcy; a Z value of more than 2.90 indicates that the firm is not vulnerable to bankruptcy; a Z value in the "gray area" indicates that the firm is between those two extremes. The average is 2.543, or 25.43 percent. Use the median Financial Crisis score to forecast the company's demise. With a mean of 2.543 and a standard deviation of 0.1351, it is clear that there are fewer outside factors in this data set.

Table 3. Results of Normality, Autocorrelation, Heteroscedasticity, Multicollinearity and Coefficient of Determination

Test	Result		
Normality	Asymp Sig (2-tailed) = .678		
Autocorrelation	Asymp Sig (2-tailed) DW 2.208		
Heteroscedasti (Glesjer Test)	Variable	Sig	
	PROF	.758 > 0.05	
	LEV	.154 > 0.05	
	KP	.501 > 0.05	
	FC	.469 > 0.05	
	SIZE	.124	
Multicollinearit (VIF and Tolerance)	Variable	Tolerance	VIF
	PROF	.877 > 0.01	1.141 < 10
	LEV	.892 > 0.01	1.121 < 10
	KP	.774 > 0.01	1.291 < 10
	FC	.877 > 0.01	1.140 < 10
	SIZE	.919 > 0.01	1.089 < 10
Coefficient of Determination	Adjusted R Square	0,107	
SEBELUM	Mean	.2607	SD .03793
SELAMA	Mean	.2557	SD .04599

Source: Processed secondary data from SPSS 23 (2023)

The normality test of Table 3 conducted with the Kolmogorov Smirnov One Sample Test resulted in an Asymp score of 0.678 indicating that the data under study followed a normal distribution. The two-sided significance of 0.678 is greater than the acceptance threshold of 0.05. There is no evidence of multicollinearity as all variables have tolerance values higher than 0.10. When the VIF is 10, there is no multicollinearity. The results of the autocorrelation test and Run Test are shown in Table 3. The value of 2.208 for DW is known to be more than the maximum value (du) of 1.76 and lower than the value of 2.24. The regression model has no problem with autocorrelation, as shown.

The Glejser test for heteroscedasticity (shown in Table 3) indicates that all variables are significantly different from zero at the (>5%) level. Consequently, we can conclude that heteroscedasticity does not exist in this study. The coefficient of determination (Adjusted R Square) for the full model is shown in table 3; it is 0.107 indicating that Tax Aggressiveness (TA) is influenced by Profitability (PROF), Debt Policy (LEV), Political Connections (KP), and Financial Crisis (FC), with Firm Size (SIZE) as the Control Variable. Other factors explain the remaining 89.3 percent of variation.

Table 4. Recapitulation of Hypothesis Testing Results

No	Hypothesis Description	B	t-- Statistic	Sig	Result
1	H1; Profitability affects tax aggressiveness	-.071	-2.156	.036	Supported
2	H2: Debt policy affects tax aggressiveness	.024	.887	.379	Not Supported

3	H3: Political connections affect tax aggressiveness	.026	.564	.575	Not Supported
4	H4: Financial crisis affects tax aggressiveness.	-.034	-2.186	.034	supported
5	H6: There is no difference before and during the covid pandemic in tax aggressiveness		.548	.588	Supported

Source: Processed secondary data from SPSS 26 (2023)

The t-statistic results of Table 4 suggest the following regression equation best describes the data in this investigation.

$$TA_{it} = -1,111 + (-0,071) Prof_{it} + 0,24 Lev_{it} + 0,26KP_{it} + (-0,34) FC_{it} + (-0,18)Sz_{it} + 0,191$$

Discussion

First, the results of experiment H1 show that tax aggressiveness is related to financial success. This proves beyond doubt that the researcher's hypothesis is accurate. The results of hypothesis testing show that the profitability variable has a calculated t value of -2.156 with a table t value of 2.00856 which is significant at the 0.036 level of the 0.05 scale. This can be seen as a sign that the company's profitability has a direct impact on its tax aggressiveness. Dewanti (2022) found that company profitability is proportional to the amount of tax avoidance. The more successful a company is, the more likely it is to seek tax havens abroad or use other strategies to reduce its taxable profit.

The null hypothesis states that debt policy has no effect on tax aggressiveness. The research results refute the research hypothesis. Based on the results of hypothesis testing, debt policy has a t-count of -0.887, a t-table of 2.00856, and a probability of 0.379 > 0.05. This can be seen as confirmation that debt tactics within the company have little impact on tax avoidance. Research (Andhari & Sukartha, 2017), (Stamatopoulos et al., 2019), and (Vintilă et al., 2019) all support the idea that Policy Debt has a large impact on tax aggressiveness, but research (Tiaras & Wijaya, 2015) does not.

There was no support for the null hypothesis that political connections would predict tax aggressiveness. The research results refute the research hypothesis. The results of hypothesis testing on the political connection variable show a t-count of 0.564, a t-table of 2.00856, and a significance probability of 0.575 > 0.05. The company's potential to be tax aggressive may not be affected by its proximity to the government if there is a political relationship. No correlation was found between political leanings and tax evasion aggressiveness (Anggraeni, 2018). These results indicate that corporate political ties do not affect tax aggressiveness during the time period considered. Companies whose majority shares are owned by the government are considered safe investments according to Minister of Finance Regulation No. 71/PMK.03/2010. According to this principle, public companies whose majority shares are owned by the government are not considered guilty of tax evasion.

The Financial Crisis had an impact on tax aggressiveness, as shown by hypothesis testing. This proves beyond doubt that the researcher's hypothesis is accurate. The t-value for the financial crisis variable is -2.186 which is significant at the 0.034-0.05 level (t table = 2.00856). As the severity of the financial crisis increases, the aggressiveness of firms pursuing tax avoidance will fall. Our results confirm previous research linking financial distress with tax evasion (Richardson et al., 2015) using various proxy measures. The relationship between financial distress and tax evasion was already strong, but the Global Financial Crisis exacerbated it.

Since the significance level of the alternative test (paired sample t-test) is greater than the 0.05 threshold, it is clear that H0 is accepted and H1 is rejected. Therefore, no increase in tax avoidance was seen before or during the Covid-19 pandemic.

This study compared the tax avoidance techniques of pharmaceutical businesses listed on the IDX before and after the Covid-19 outbreak and found no statistically significant difference between the two time periods. As businesses are used to doing things like looking for loopholes in tax laws, they may become tax-aggressive before and after the epidemic. Previous research (Suhaidar et al., 2021) reported no change in tax avoidance in industrial companies listed on the IDX before and after Covid-19, so our results contradict that.

CONCLUSIONS

The following results support the study objective to provide empirical evidence of the impact of profitability, debt policy, political ties, and financial crisis on tax aggressiveness: This study confirms the null hypothesis that profitability does not affect tax aggressiveness. From this, it can be concluded how the magnitude of the influence of the profitability ratio value on the company's tax aggressiveness activity. Debt policy will not affect tax aggressiveness, so the researcher's statement is not credible. This shows that the level of tax avoidance in the company is not determined by the company's debt strategy. The statistics contradict the researcher's prediction that participants' political leanings will have an impact on their tax aggression. A firm's potential to be tax aggressive may not be affected by its proximity to the government if a political relationship exists. In other words, the researcher's hypothesis that tax aggression is affected by the financial crisis is correct. As a result, business Tax Aggressiveness will decrease in line with the severity of the current financial crisis. The researchers' claim that using Tax Aggressiveness practices will reduce the impact of the Covid-19 outbreak is refuted by the absence of such effects before or during the pandemic. Therefore, it can be said that the results of tax avoidance before and during the Covid-19 epidemic are on average statistically indistinguishable.

The aforementioned analysis allows researchers to draw the following findings and suggestions: Before putting money into a corporation, investors should be more cautious and consider how their investment may affect corporate tax aggressiveness in the future. Consider issues that may affect management's attitude towards taxes. Better predictions and findings can be obtained from future studies if researchers include the type of organizations they wish to sample, use a longer time period, and include additional characteristics that are projected to affect the amount of tax aggression by a company.

REFERENCES

- Adhikari, A., Derashid, C., & Zhang, H. (2006). Public policy, political connections, and effective tax rates: Longitudinal evidence from Malaysia. *Journal of Accounting and Public Policy*, 25(5), 574–595. <https://doi.org/10.1016/j.jaccpubpol.2006.07.001>
- Adrisa, N. (2018). Pengaruh Kebijakan Hutang, Intensitas Persediaan dan Asset Tetap thd Penghindaran Pajak dengan Komite Audit sebagai Variabel Moderating (Studi pada perusahaan manufaktur terdaftar di BEI 2012-2016).
- Agus, J. D., & Toly, A. (2014). PENGARUH PENGUNGKAPAN CORPORATE SOCIAL RESPONSIBILITY TERHADAP AGRESIVITAS PAJAK. In *TAX & ACCOUNTING REVIEW* (Vol. 4, Issue 1).
- Aini, P., Uzaimi, H. A., & Sari Munthe, I. L. (2015). Manajemen Laba Melalui Transaksi Penjualan, Transaksi Pembelian, Transaksi Piutang Usaha Serta Transaksi Hutang Usaha Antar Pihak Istimewa Di sekitar Penawaran Saham Perdana.
- Altman & Hotchkiss. (2006). *Corporate Financial Distress and Bankruptcy* (Third Edition). Jhon Wiley & Sons, Inc.
- Altman, E. I. (2000). Predicting Financial Distress of Companies: Revisiting the Z-Score and Zeta Models. In *Journal of Banking & Finance* (Vol. 1).
- Andhari, P. A. S., & Sukartha, I. M. (2017). Pengaruh pengungkapan corporate social responsibility, profitabilitas, inventory intensity, capital intensity dan leverage pada agresivitas pajak. *E-Jurnal Akuntansi*, 18(3).
- Andy. (2018). Pengaruh ROA, DER, DTAR, Uk Pers & Deff Tax Exp thd Tax Avoidance.
- Anggraeni, R. (2018). PENGARUH KONEKSI POLITIK TERHADAP TAX AGGRESSIVENESS (Studi empiris: Perusahaan Manufaktur yang Terdaftar di Bursa Efek Indonesia Tahun 2014-2017). www.kemenkeu.go.id
- Annisa, Taufik, T., & Hanif, R. A. (2017). The Effect of Return On Assets, Leverage, Firm Size, and Political Connections on The Extent of Tax Avoidance. In *JOM Fekon* (Vol. 4, Issue 1). www.idx.co.id
- Blumberg, B. F., Cooper, D. R., & Schindler, P. S. (2014). *Business Research Method* (N. Jacob, K. Jamison, A. Krause, & J. Bishop, Eds.; Fourth Edition). McGraw-Hill Education.
- Brondolo, J. (2009). Collecting Tax During an Economic Crisis: Challenges and Policy Options.
- Campello, M., Graham, J. R., & Harvey, C. R. (2010). The real effects of financial constraints: Evidence from a financial crisis. *Journal of Financial Economics*, 97(3), 470–487. <https://doi.org/10.1016/j.jfineco.2010.02.009>

- Chaney, P. K., Faccio, M., & Parsley, D. (2011). The quality of accounting information in politically connected firms. *Journal of Accounting and Economics*, 51(1–2), 58–76. <https://doi.org/10.1016/j.jacceco.2010.07.003>
- Chen, X., Hu, N., Wang, X., & Tang, X. (2014). Tax avoidance and firm value: evidence from China. *Nankai Business Review International*, 5(1), 25–42. <https://doi.org/10.1108/NBRI-10-2013-0037>
- Crabtree, A., & Maher, J. J. (2009). The influence of differences in taxable income and book income on the bond credit market. *Journal of the American Taxation Association*, 31(1), 75–99. <https://doi.org/10.2308/jata.2009.31.1.75>
- Darmawan, I. G. H., & Sukartha, I. M. (2014). Pengaruh Penerapan Corporate Governance, Lev, ROA, dan Ukuran Perusahaan pada Penghindaran Pajak. *E-Jurnal Akuntansi Universitas Udayana*, 9(1).
- Dewanti. (2022). Pengaruh Profitabilitas dan Kepemilikan Keluarga thd Penghindaran Pajak.
- Dharma, SI. M., & Ardiana, A. P. (2016). Pengaruh Leverage, Intensitas Asset Tetap, Ukuran Perusahaan dan Koneksi Politik thd Tax Avoidance. *E-Jurnal Akuntansi Universitas Udayana*, 15(1).
- Direktorat Jenderal Pajak. (2020). Laporan Kinerja Direktorat Jenderal Pajak 2020.
- Early Suandy. (2014). Perencanaan Pajak. Salemba Empat.
- Eberhart, A. C., & Senbet, L. W. (1993). Absolute Priority Rule Violations and Risk Incentives for Financially Distressed Firms. In *Source: Financial Management (Vol. 22, Issue 3)*.
- Edwards, A., Schwab, C., Shevlin, T., Bauer, A., Blaylock, B., Call, A., Campbell, J., Ehinger, A., Laplante, S., Liao, S., Lynch, D., Mescall, D., Nesbitt, W., Richardson, G., & Utke, S. (2013). Financial Constraints and the Incentive for Tax Planning.
- Eisenhardt, K. M. (1989). Agency Theory: An Assessment and Review. In *Academy of Management Review (Vol. 14)*.
- Faccio, M. (2006). Politically Connected Firms.
- Fahmi, I. (2014). Pengantar Manajemen Keuangan: Teori dan Soal Jawab. CV Alfabeta.
- Fauzan, Ayu Wardan, D., & Nissa Nurharjanti, N. (2019). The Effect of Audit Committee, Leverage, Return on Assets, Company Size, and Sales Growth on Tax Avoidance. *JURNAL Riset Akuntansi Dan Keuangan Indonesia*, 4(3). <http://journals.ums.ac.id/index.php/reaksi/index>
- Ferdiawan, Y., & Firmansyah, A. (2017). Pengaruh Political Connection, Foreign Activity, dan Real Earnings Management Terhadap Tax Avoidance. *Jurnal Riset Akuntansi Dan Keuangan*, 5(3), 1601–1624. <https://doi.org/10.17509/jrak.v5i3.9223>
- Firmansyah, A., & Ardiansyah, R. (2020). BAGAIMANA PRAKTIK MANAJEMEN LABA DAN PENGHINDARAN PAJAK SEBELUM DAN SETELAH PANDEMI COVID19 DI INDONESIA? (Vol. 24). <https://doi.org/https://doi.org/10.26593/be.v24i1.5075.87-106>
- Fitri, R. A., & Munandar, A. (n.d.). The Effect of Corporate Social Responsibility, Profitability, and Leverage toward Tax Aggressiveness with Size of Company as Moderating Variable. 2017.
- Ghozali, I. (2011). Aplikasi Analisis Multivariate dengan Program IBM SPSS 19. Badan Penerbit Universitas Diponegoro.
- Ghozali, I. (2016). Aplikasi Analisis Multivariate dengan Program IBM SPSS 23 (8 Edition). Badan Penerbit Universitas Diponegoro.
- Graham, J. K. (1996). ECONOMICS Debt and the marginal tax rate. In *JOURNAL*OF Fhanc~ Journal of Financial Economics (Vol. 41)*.
- Gunawan, E. V., & Sulistiawan, D. (2018). Pengaruh Karakteristik Dewan Komisaris terhadap Aggressive Tax Planning pada Perusahaan yang terdaftar di BEI periode 2013-2015. *Calypra: Jurnal Ilmiah Mahasiswa Universitas Surabaya*, 7(1).
- Hartadinata, O. S. (2013). Analisis Pengaruh Kepemilikan Manajerial Kebijakan Hutang dan Ukuran Perusahaan Terhadap Tax Aggressiveness Pada Perusahaan Manufaktur di Bursa Efek Indonesia Periode Tahun 2008-2010. *Jurnal Ekonomi dan Bisnis*.
- Hery. (2016). Analisis Laporan Keuangan. Grasindo.
- Hidayah, O. N., Masitoh, E., & Dewi, R. R. (2020). FAKTOR-FAKTOR YANG MEMPENGARUHI TAX AVOIDANCE PADA PERUSAHAAN PERTAMBANGAN DI BEI. *Jurnal Akuntansi UNHAZ-JAZ*, 3(1).
- Hidayat, K., Ompusunggu, A. P., & Suratno, H. (2016). Pengaruh CSR Terhadap Agresivitas Pajak dengan Insentif Pajak Sebagai Pemoderasi. *Jurnal Ilmiah Akuntansi Fakultas Ekonomi*, 2(2), 39–58.

- Ihorevych, B. A. (2017). MECHANISMS OF STATE REGULATION IN THE EVENT OF CRISIS IN MARKET ECONOMIC SYSTEM.
- Irianto, B. S., Sudibyoy, Y. A., & Wafirli, A. (2017). The Influence of Profitability, Leverage, Firm Size and Capital Intensity Towards Tax Avoidance. *International Journal of Accounting and Taxation*, 5(2). <https://doi.org/0.15640/ijat.v5n2a3>
- Jalan, A., Kale, J. R., Meneghetti, C., Agarwal, V., Aggarwal, R., Cortes, F., Hackbarth, D., Huang, L., Nanda, V., Ryan, C., & Yang, B. (2017). Debt, Bankruptcy Risk, and Corporate Tax Aggressiveness.
- Jensen, M. C., & Meckling, W. H. (1976). THEORY OF THE FIRM: MANAGERIAL BEHAVIOR, AGENCY COSTS AND OWNERSHIP STRUCTURE. In *Journal of Financial Economics* (Vol. 3). Q North-Holland Publishing Company.
- Kalista Padmahati, D. (2022, June 24). Perkembangan Industri Farmasi Dalam Pandemi COVID-19. Binus University.
- Kardoko, Hadi. (2020, October 22). Revolusi Industri Farmasi di Tengah Pandemi Covid 19. *Bisnis.Com*.
- Kasmir. (2014). *Analisa Laporan Keuangan*. PT Raja Grafindo Persada.
- Kasmir. (2016). *Analisis Laporan Keuangan*. PT Raja Grafindo Persada.
- Kementerian Keuangan RI. (2010). Peraturan Menteri Keuangan Nomor 71/PMK.03/2010 Tentang Pengusaha Kena Pajak Beresiko Rendah Yang Diberikan Pengembalian Pendahuluan Kelebihan Pajak.
- Kementerian Perindustrian. (2020). Peraturan Menteri Perindustrian No. 16 Tahun 2020 tentang Ketentuan dan Tata Cara Penghitungan Nilai Tingkat Komponen Dalam Negeri Produk Farmasi.
- Kim, C., & Zhang, L. (2016). Corporate Political Connections and Tax Aggressiveness. *Contemporary Accounting Research*, 33(1), 78–114. <https://doi.org/10.1111/1911-3846.12150>
- Kurniasih, T., Ratna, M. M., Akuntansi, S. J., & Ekonomi, F. (2013). DAN KOMPENSASI RUGI FISKAL PADA TAX AVOIDANCE. 18(1).
- Lubis, I., Suryani, & Anggraeni, F. (2018). Pengaruh Kepemilikan Manajerial dan Kebijakan Utang terhadap Agresivitas Pajak Pada Pers Manufaktur.
- Luke, & Zulaikha. (2016). ANALISIS FAKTOR YANG MEMPENGARUHI AGRESIVITAS PAJAK (Studi Empiris Pada Perusahaan Manufaktur Yang Terdaftar di Bursa Efek Indonesia Tahun 2012-2014).
- Luke, & Zulaikha. (2016). Analisis Faktor Yang Mempengaruhi Agresivitas Pajak (Studi Empiris Pada Perusahaan Manufaktur Yang Terdaftar di Bursa Efek Indonesia Pada Tahun 2012-2014). *Jurnal Akuntansi Dan Auditing*, 13(1). <https://doi.org/10.14710/jaa.13.1.80-96>
- Maksimovic & Titman. (1991). Financial Policy and Reputation for Product Quality. *Review of Financial Studies*. <http://rfs.oxfordjournals.org/>
- Marfu'ah, L. (2015). Pengaruh ROA, Leverage, Koneksi Politik dan Ukuran Perusahaan thd Tax Avoidance.
- Marteleto, L. J., Sereno, L. G. F., Coutinho, R. Z., Dondero, M., Alves, S. V., Lloyd, R., & Koepf, A. (2022). Fertility trends during successive novel infectious disease outbreaks: Zika and COVID-19 in Brazil. *Cadernos de Saude Publica*, 38(4). <https://doi.org/10.1590/0102-3111XEN230621>
- Meilina, S., & Sugiyarti, P. L. (2017). Pengaruh Intensitas Aset Tetap, Pertumbuhan Penjualan dan Koneksi Politik Terhadap Tax Avoidance. *Jurnal Riset Akuntansi Dan Keuangan*, 5(3), 1625–1642. <https://doi.org/10.17509/jrak.v5i3.9225>
- Nordiansyah, E. (2020). Lebih dari 451 ribu Pengusaha Minta Insentif Pajak, Berapa yang Disetujui? <http://www.medcom.id/ekonomi/makro/nbw1Qwxk>.
- Nugraha, N. B., & Meiranto, W. (2015). PENGARUH CSR, UKUR PERUS, PROFIT, LEV & CAP INTEN THD AGRESI PJK (Studi Empiris pada Perusahaan Non Keuangan yang Terdaftar di BEI 2012-2013). *Diponegoro Journal of Accounting*.
- Pangesti, L., Masitoh, E., & Wijayanti, A. (2020). PENGARUH KEBIJAKAN UTANG, LIKUDITAS, INTENSITAS PERSEDIAAN TERHADAP AGRESIVITAS PAJAK. *Jurnal Ekonomi Manajemen Dan Bisnis*.
- Pangesti, L., W, E. M., & Wijayanti, A. (2020). Pengaruh kebijakan utang, likuditas, intensitas persediaan terhadap agresivitas pajak. *E-Mabis: Jurnal Ekonomi Manajemen Dan Bisnis*, 21(2).
- Pohan, C. A. (2013). *Manajemen Perpajakan*. PT Gramedia Pustaka Utama.
- Prameswari, F. (2017). PENGARUH UKURAN PERUSAHAAN TERHADAP AGRESIVITAS PAJAK DENGAN CORPORATE SOCIAL RESPONSIBILITY (CSR) SEBAGAI VARAIBEL MODERASI.

- Pranoto, B. A., & Widagdo, A. K. (2016). PENGARUH KONEKSI POLITIK DAN CORPORATE GOVERNANCE TERHADAP TAX AGGRESSIVENESS.
- Pratiwi, N. I. (2017). Pengaruh Ukuran Perusahaan, Kebijakan Hutang, Dan Kebijakan Dividen Terhadap Nilai Perusahaan Pada Perusahaan Manufaktur Yang Listing Di Bursa Efek Indonesia. *JOM FISIP*, 4(11), 1–11.
- Prima Dewi, S., & Cynthia. (2018). Dewi and Cynthia: Aggressiveness Tax in Indonesia Aggressiveness Tax In Indonesia.
- Purwoto, L. (2011). Pengaruh koneksi politis, kepemilikan pemerintah. dan keburaman laporan keuangan femadap kesinkronan dan risil.
- Putri, V. R., & Putra, B. I. (2017). PENGARUH LEVERAGE, PROFITABILITY, UKURAN PERUSAHAAN DAN PROPORSI KEPEMILIKAN INSTITUSIONAL TERHADAP TAX AVOIDANCE. www.kemenkeu.go.id
- Rahmadani, F., Muda, I., & Abubakar, E. (2020). Pengaruh Ukuran Perusahaan, Profitabilitas, Leverage, dan Manajemen Laba terhadap Penghindaran Pajak Dimoderasi oleh Political Connection. *Jurnal Riset Akuntansi Dan Keuangan*, 8(2).
- Richardson, G., Taylor, G., & Lanis, R. (2015). The impact of financial distress on corporate tax avoidance spanning the global financial crisis: Evidence from Australia. *Economic Modelling*, 44, 44–53. <https://doi.org/10.1016/j.econmod.2014.09.015>
- Robert Leach & Paul Newsom. (2007). Do Firms Manage Their Earnings Prior to Filing for Bankruptcy? *Academy of Accounting and Financial Studies Journal*, 11(3).
- Ronald Tehupuring & Rossa, E. (2016). Pengaruh Koneksi Politik dan Kualitas Audit terhadap Praktik Penghindaran Pajak di Lembaga Perbankan yang Terdaftar di Pasar Modal Indonesia Periode 2012-2014.
- Safira, A., Dwi Suhartini, dan, & Veteran Jawa Timur, U. (2021). Bilancia: Jurnal Ilmiah Akuntansi THE INFLUENCE OF FINANCIAL FACTORS ON TAX AVOIDANCE DURING THE COVID-19 PANDEMIC ON TRANSPORTATION COMPANIES IN INDONESIA STOCK EXCHANGE. In *Bilancia: Jurnal Ilmiah Akuntansi* (Vol. 5, Issue 2). <http://www.ejournal.pelitaindonesia.ac.id/ojs32/index.php/BILANCIA/index>
- Santoso, S. (2001). *Buku Latihan SPSS Statistik Non Parametrik*.
- Santoso, Y. I. (2020). Akibat Penghindaran Pajak, Indonesia diperkirakan rugi Rp 68,7 Triliun. *National Kontan.Co.Id*.
- Sax, G. (1979). *Foundation of Educational Research*. Prentice Hill Inc. Englewood.
- Sekaran, U., & Bougie, R. (2016a). *Research Methods for Business: a skill building approach* (Seventh Edition). John Willey and Sons Ltd.
- Sekaran, U., & Bougie, R. (2016b). *Research Methods For Business: A Skill Building Approach*, 7 th Edition. Wiley.
- Septariani, D. (2017). Pengaruh kebijakan dividen dan kebijakan hutang terhadap nilai perusahaan (Studi Empiris Pada Perusahaan LQ45 di BEI Periode 2012-2015). *Journal of Applied Business and Economics*, 3(3), 183–195.
- Seri Andhari, P. A., & Sukartha, I. M. (2017). Andhari & Sukharta (2017)-Pengaruh Pengungkapan CSR, Responsibility, Intensity.
- Stamatopoulos, I., Hadjidema, S., & Eleftheriou, K. (2019). Explaining corporate effective tax rates: Evidence from Greece. *Economic Analysis and Policy*, 62, 236–254. <https://doi.org/10.1016/j.eap.2019.03.004>
- Suandy. (2008). *Perencanaan Pajak*. Salemba Empat.
- Sudarmadji, Murdoko, A., & Sulastro, L. (2007). Pengaruh Ukuran Perusahaan, Profitabilitas, Leverage, dan Tipe Kepemilikan Perusahaan Terhadap Luas Voluntary Disclosure Laporan Keuangan Tahunan. *Proceeding PESAT*, 2.
- Sudiani, N. K. A., & Darmayanti, N. P. A. (2016a). Pengaruh Profitabilitas, Likuiditas, Pertumbuhan, dan Investment Opportunity Set Terhadap Nilai Perusahaan. *E-Jurnal Manajemen UNUD*, 5(7).
- Sudiani, N. K. A., & Darmayanti, N. P. A. (2016b). Pengaruh Profitabilitas, Likuiditas, Pertumbuhan dan Investment Opportunity Set Terhadap Nilai Perusahaan. *E-Jurnal Manajemen Unud*, 5(7), 4545–4547.
- Sugiyono. (2017). *Metode Penelitian Kuantitatif, Kualitatif dan R&D*. CV Alfabeta.

- Suhaidar, Rosalina, E., & Pratiwi, A. (2021). FAKTOR-FAKTOR YANG MEMPENGARUHI PENGHINDARAN PAJAK DAMPAK SEBELUM DAN SELAMA COVID-19 PADA PERUSAHAAN MANUFAKTUR.
- Suryani. (2020). Pengaruh Ukuran Perusahaan, Return On Asset, Debt To Asset Ratio dan Komite Audit terhadap Penghindaran Pajak. 5(1), 83–98.
- Susandy, C., & Anggraeni, R. D. (2018). Pengaruh Komisaris Independen, Leverage, Dan Profitabilitas Terhadap Tax Avoidance (Studi Empiris pada Perusahaan Makanan dan Minuman yang Terdaftar di Bursa Efek Indonesia Tahun 2013-2017). *Jurnal Ilmiah Akuntansi Dan Teknologi*, 10(1).
- Susanto, L., Yanti, & Viriany. (2018). Faktor-Faktor Yang Mempengaruhi Agresivitas Pajak.
- Suwardika, & Mustanda. (2017). Pengaruh Leverage, Ukuran Perusahaan, Pertumbuhan Perusahaan, dan Profitabilitas terhadap nilai Perusahaan pada Perusahaan Property.
- Tax Justice Network. (2020). *The_State_of_Tax_Justice_2020* - Tax Justice in the time of COVID-19.
- Thorburn, C. C. (2004). The plot thickens: Land administration and policy in post-New Order Indonesia. *Asia Pacific Viewpoint*, 45(1).
- Tiaras, I., & Wijaya, H. (2015). Pengaruh Likuiditas, Leverage, Manajemen Laba....
- Utari, N. K. Y., & Supadmi, N. L. (2017). Pengaruh Corporate Governance, Profitabilitas dan Koneksi Politik Pada Tax Avoidance. *E-Jurnal Akuntansi Universitas Udayana*, 18(3).
- Vanesali, L., & Kristanto, A. B. (2020). Corporate Governance and Leverage on Tax Aggressiveness: Empirical Study on Mining Companies in Indonesia. *International Journal of Social Science and Business*, 4(1).
- Vintilă, Gherghina, & Toader. (2019). Exploring the Determinants of Financial Structure in the Technology Industry: Panel Data Evidence from the New York Stock Exchange Listed Companies. *Journal of Risk and Financial Management*, 12(4), 163. <https://doi.org/10.3390/jrfm12040163>
- Wahab, E. A. A., Ariff, A. M., Marzuki, M. M., & Sanusi, Z. M. (2017). Political connections, corporate governance, and tax aggressiveness in Malaysia. *Asian Review of Accounting*, 25(3), 424–451. <https://doi.org/10.1108/ARA-05-2016-0053>
- Wicaksono, A. P. N. (2017). Koneksi Politik dan Agresivitas Pajak: Fenomena di Indonesia. *Akuntabilitas*, 10(1). <https://doi.org/10.15408/akt.v10i1.5833>
- Wildan, M. (2015). Antisipasi Fenomena WP Rugi Bertahun-tahun, AMT dibutuhkan. *News.Dtdc.Co.Id*.
- Zahirah, A. (2017). Pengaruh Leverage, Kepemilikan Institutional, Kepemilikan Manajerial dan Ukuran Perusahaan Terhadap Penghindaran Pajak (Studi Pada Perusahaan Manufaktur Yang Terdaftar di BEI Periode 2013-2015). In *JOM Fekon* (Vol. 4, Issue 1).
- Zain, M. (2008). *Manajemen Perpajakan*. Salemba Empat.