Do Human Capacity Development and Company Performance affect Tax Avoidance?

New Evidence from Manufacturing Sector Companies in Indonesia

Nafis Dwi Kartiko¹, Lazuardi Widyanto Pratama², Muhammad Shohihul Wahyu Muzakki³ nafisdwikartiko@gmail.com¹, <u>lazuardiwidyanto16@gmail.com², wahyu.muzakki@gmail.com³</u> Directorate General of Taxes Ministry of Finance of the Republic of Indonesia, South Jakarta, Special Capital Region of Jakarta ^{1,2,3}

Abstract. This study aims to prove whether human capacity development and company performance affect tax avoidance in Indonesia. Tax avoidance is a crucial problem that has an impact on state revenues, including in Indonesia. Tax avoidance is influenced by many factors, one of which is humans as taxpayers with tax obligations. However, we investigate that not many researchers have investigated the effect of human capacity development on tax avoidance empirically. To investigate this, we try to observe financial data and disclosure of human capacity development in the annual reports of companies in the manufacturing subsector on the Indonesia Stock Exchange. Political cost theory, political power theory, and agency theory are the theoretical framework for this research. Using the purposive sampling method, our research uses a population of manufacturing companies with 210 populations in the 2005-2021 observation period. The analytical method used in this research is Partial Least Square-Structural Equation Modeling. This method was chosen to use more than one endogenous variable in a research model. Our findings show that the disclosure of human capacity development in companies and company performance can directly affect tax avoidance. However, our findings suggest that disclosure of human capacity development through moderating corporate performance does not affect tax avoidance. These results are significant for research on tax avoidance in Indonesia. This research can serve as an additional framework for developing tax avoidance research that is measured quantitatively through existing proxies.

Keywords: company performances, tax avoidance, human capacity development

INTRODUCTION

The success achieved by an organization cannot be separated from the critical role of human resources or HR (1,2). Human resource management is a strategic function in a business (3), where it is essential to formulate the organization's strategy to achieve its goals and put the strategic plan into action to confront competition. Therefore, an organization must be committed to developing a highly competent workforce with the agility and mindset to continue to grow and adhere to corporate values to run a business amid a dynamic industrial development. The quality of human resources (HR) depends on a combination of quality talent recruitment (4,5), continuous competency development (4,5), talent management (6–8), and leadership development programs (9,10). Under conditions of intensifying global rivalry, the development of HR is a crucial company that is required to participate in worldwide trade/competition (9,10). Human resource development is one method of enhancing employees' abilities to do various jobs and apply the necessary skills in line with the available employment. These development activities are advantageous for both the business and each person. The appropriate skills and experience of employees and management may enhance the organization's competitiveness and capacity to react to a changing environment, mainly when there is external turmoil (9,10).

Increasing human resources capacity in a company empirically has a significant effect on company performance (11–14). Professional and talented human resources, directly or indirectly, will help the sustainability of the company's overall commercial activity (15,16). Human resource development at least has the purpose of enhancing productivity, improving the quality of the workforce, increasing accuracy in HR planning, increasing morale, recruiting and keeping good workers, preserving occupational health and safety, and fostering personal growth (17). The utilization of technological breakthroughs is one technique to boost organizational productivity. Training and development help update staff abilities according to technology changes. This results in higher productivity, with staff able to execute jobs utilizing new approaches and ways with more effective and efficient technological systems (18–20). Training and development help employees have better opportunities to get their jobs done. This will indirectly assist employees in producing better services or goods. Employee skills after training and development will be better. Thus, it will be easier for them to pass on their knowledge and expertise to their successors in the future (21). A series of positive reactions can result from a well-planned company training program. Armed with the skills, knowledge, and new skills they get, it provides motivation and new views in doing their next job. Training and development for existing employees are much more cost and time efficient than recruiting new human resources. This will make employees feel confident and care about their needs in getting the job done (22–24). Ultimately, there will be a feeling of being more at home and automatically motivate employees' professionalism. Training and development allow employees to appreciate better the size of the risk and responsibility for the job to be carried out (25,26). Consequently, enhancing safety awareness and preserving their physical and mental health to obtain optimal performance. Training and development programs strengthen staff abilities and accelerate the acquisition of new ones. Low individual abilities/skills make it more time-consuming and challenging for employees to attain workplace competence (24,27–29).

One of the specific goals of human resource development in corporations is the efficiency of taxes the company pays. Freire-Serén & i Martí (30) say that the relationship between human resources and tax avoidance is clear. Increasing the capacity of employees is needed to carry out corporate tax planning. Previous studies suggest that taxpayers who engage in aggressive tax planning are much more educated than taxpayers from the general population (31). This logic is supported by positive accounting theory, namely political cost and political power theory. The bigger the company, the greater the human resources they have. Increased human resource capacity can be directly proportional to aggressive tax planning or inversely proportional. The more someone understands tax regulations, the more likely they will be more obedient or aware of tax loopholes. So based on these two theories, we can analyze that increasing human resource capacity also affects companies' tax planning and tax avoidance. This paper aims to fill a research gap regarding Indonesia's relationship between human resource capacity building and tax avoidance. We use data at the company level by utilizing financial ratios and disclosure of human resource capacity building in each company.

LITERATURE REVIEW

1. Political Cost and Political Power Theory

The relationship between firm size and political expenses has been hotly disputed in accounting research for decades. According to Aichian and Kessel (32), the likelihood of public policy and governmental action directed against more significant and successful enterprises increases. Jensen and Meckling (33) note that larger companies have more significant public visibility and are therefore more susceptible to public and societal pressure than smaller companies. According to the political power theory, there is a negative correlation between corporate size and tax avoidance. According to this argument, the ETR is lower for larger enterprises because they have more significant opportunities to influence the political process in their favor. In contrast, the political cost theory considers taxes part of a firm's political expenses. This idea postulates a positive correlation between corporate size and tax evasion. This is because more giant corporations will be subject to increased public attention, exposing them to more significant regulatory action by the government and requiring them to assume higher social duties (34–38).

2. Agency Theory

Agency theory is taken from the economic theory of Alchian and Demsetz (39), later refined by Jensen and Meckling (40). The relationship between principals (shareholders) and agents (executives and company managers) is analyzed by agency theory (41–43). In this view, shareholders as company owners or principals hire agents to perform tasks. In other words, the company's activities are delegated by the principal to the director or manager. In agency theory, shareholders anticipate that the agent will perform activities or make choices that benefit the principal. However, in some circumstances, both the principal and the agent seek to maximize their utility, and there is no guarantee that the agent will always behave in the principal's best interest (44–46). There may be disagreements between principals and agents if one of the parties receives imperfections information. In this circumstance, management as the executor of business operations in the organization can master all corporate information. Other parties (principals) have just the information supplied by management. Hence, it is conceivable that the principal's information is inadequate or partial. Due to the inadequate supervision capacities of the founders, such circumstances will naturally afford management the option to engage in more opportunistic operations (45,47).

3. The Effect of Company Performance on Tax Avoidance

Wiratmoko (48) states that the company's financial performance can be seen from several financial ratios, such as profitability and solvency. Profitability is a benchmark used to find out how much the company's ability to generate profits in an accounting period (49). Profitability ratios measure the company's ability to generate profits using its resources, such as assets, capital, and company sales (50). One of the profitability ratios is Return on Assets which measures the company's ability to generate profits from its assets (48). Profitability is an essential aspect of the imposition of income tax for business entities because profitability is the primary indicator of company performance (51). Higher profitability ratios indicate better company performance (51). The higher the level of profitability generated by the company, the company must pay higher taxes (52). With higher tax payments, companies tend not to pay taxes, so tax avoidance is something that companies are very likely to take(48). According to Wiratmoko (48), companies with high-profit levels will develop careful tax planning to produce the optimal amount of tax. Tax avoidance is a term used to express activities and strategies developed by companies in order to obtain tax advantages (53). Studies related to tax avoidance by Wahyuni et al. (51) reveal that company profitability positively correlates to tax avoidance in the sense that companies must pay large amounts of tax so that tax avoidance is carried out efficiently on the tax burden. However, a study by Zhu et al. (53) stated that company profitability as measured by Return on Assets is negatively related to tax avoidance efforts. Research conducted by Wiratmoko (48) reveals that Return On Assets influences the CETR (Cash Effective Tax Rate) to indicate that the company is taking tax avoidance actions. This is in line with the research conducted by Yuniarwati et al. (49) that profitability influences tax avoidance. On the other hand, the research revealed by Alfina et al. (54) concludes that Return on Assets does not affect tax avoidance efforts. Based on the analysis and description, the hypothesis adopted in this study is as follows:

H₁: Company Performance Has Significant Influence on Tax Avoidance

4. The Effects of Human Capacity Development on Company Performance and Tax Avoidance

Swanson (55) states that human resource development is developing and enhancing human expertise through organizational development, employee training, and education to improve company performance. Human resource development can be done in various ways: education, training, information technology, and work situations (56). Human resource development is carried out to improve employee skills in various aspects of the organization's needs (57). Organizational human resource expertise plays a role in tax avoidance efforts carried out by the organization. Tax avoidance is one of the things that organizations want to do when developing human resources (58). Freire-Serén & i Martí (30) state that tax avoidance requires skills that are achieved at a certain level of education. Auerbach et al. (59) tested that tax avoidance increases over time as taxpayers have learned successful techniques for reducing tax payments. (60) found that the number of corporate tax obligations was slightly positively related to the percentage of employees with a bachelor's educational background. Taxpayers with competent human resources engage in aggressive tax avoidance efforts than taxpayers from the general population (31). Even though many studies show the positive relativity of human resource development with tax avoidance efforts, the results are not always conclusive when tax avoidance measures are analyzed further (30). Several papers have found that more education and

training can reduce the propensity for tax evasion. Other research suggests that education and training can increase or decrease tax avoidance efforts (61,62). This is because to be able to do optimal tax avoidance. It is also necessary to have good corporate governance and all stakeholders relevant to the company (63). To avoid tax, companies must establish good relations with stakeholders because stakeholders determine the company's operations (64). In addition, the existence of human resource training will not make employees immediately understand and are experts in the field of taxation, thus requiring repeated training. The amount of human resource training will make the company's costs large (65). Based on the analysis and description, the hypothesis adopted in this study is as follows:

H₂: Human Capacity Development Has Significant Influence on Company Performance

H₃: Human Capacity Development Has Significant Influence on Tax Avoidance

H₄: Human Resource Development Through Company Performance Has Significant Effect on Tax Avoidance

METHOD, DATA, AND ANALYSIS

1. Population, Sample, and Research Framework

Nasehudin and Gozali (66) state that the population is the total number of units or individuals whose characteristics are to be estimated. Darmawan (67) defines population as a source of data in research that has a large number and area. Sugiono (68) revealed that the population is a generalization area consisting of objects or subjects with specific quantities and characteristics determined by researchers to be studied and then concluded. The population used in this study are companies that carry out their activities in the manufacturing sector (consumer cyclicals) listed on the Indonesia Stock Exchange from 2005-2021. This period is used concerning the reasons for using the latest company data. The method used in collecting samples in this study is purposive sampling. Purposive sampling is based on specific considerations (69). The total observations used in this study were 210 observations. The considerations mentioned in the statement in this study are

- a. The company has published its audited financial statements
- b. The company has issued an annual report
- c. The company has complete data for all variables used during the study period.

Based on the hypothesis developed in the previous chapter, this study uses human capacity development and company performance as exogenous variables and tax avoidance as endogenous variables. There is also a mediating variable (intervening), namely company performance. The relationship of these variables is described as follows:



Figure 1. Research conceptual framework

2. Variable Operations

The following is the operationalization of the variables in this study:

Variable	Operationalization
Latent Variable: Human Capacity Develop	ment

Variable	Operationalization		
Dummy Human Capacity Development (DHCD)	 ✓ Score 1 if there is a Competency Development and Training Program for Employees written in the Annual Report ✓ Score 0 if there is a Competency Development and Training Program for Employees written in the Annual Report 		
Dummy Human Capacity Development-Management (DHCDM)	 ✓ Score 1 if there is a Competency Development and Training Program for Company Management written in the Annual Report ✓ Score 0 if there is a Competency Development and Training Program for Company Management written in the Annual Report 		
Dummy Training Expenses (DTE)	 ✓ Score 1 if there are Training Fees charged by the company and reported in the Financial Statements ✓ Score 0 if there are Training Fees charged by the company and reported in the Financial Statements 		
Latent Variable: Tax Avoidance			
ETR ₁	(Worldwide Income Tax Expense)/(Worldwide total pre-tax accounting income)		
ETR ₂	(Worldwide Income Tax Expense)/EBITDA		
Latent Variable: Corporate Performances			
Return On Assets (ROA)	Pre-tax income divided by total assets		
Net Profit Margin (NPM)	Pre-tax income divided by total sales		
Price-to-Earnings Ratio (PER)	Stock Price divided by Earnings-Per-Share		

3. Data Analysis

This study uses variance-based Structural Equation Modeling (SEM) methodology, especially Partial Least Squares (PLS). SEM using PLS is an alternate approach for SEM analysis in which multivariate normality is not required for the data. In SEM with PLS, the value of a latent variable can be calculated based on the linear combination of the manifest variables linked with a latent variable and handled as if it were the manifest variable (70,71). The analysis of this approach can be aided by SmartPLS, a robust software application with an accessible graphical user interface (72) developed by Ringle et al. (72). According to Wong (72), it is one of the most prominent software programs for PLS-SEM data analysis. In addition, SmartPLS is a user-friendly tool that enables researchers to execute complex computations in the simplest method. The SEM investigation of the association between complex variables requires the following steps: (1) model specifications; (2) identification; (3) model estimate; and (4) model goodness-of-fit and significance testing (73). In SEM, the initial stage of the model specification was the establishment of associations between variables. Identifying a misspecification model was the second phase of SEM. If the model is valid, estimate parameters may be derived from the connection between variables. The third phase was a model estimation. The significance test for the association between variables in SEM might then be conducted .

RESULT AND DISCUSSION

1. Descriptive statistics

Proceedings of International	Conference on Man	power and Sustainable	Development ((IMSIDE)	2022
0				(/	

	Mean	Median	Min	Max	Standard Deviation	Excess Kurtosis	Skewness
ETR 1	0.250	0.240	0.014	0.810	0.134	4.927	1.662
ETR 2	0.207	0.198	0.014	0.821	0.106	4.832	1.259
ROA	0.038	0.046	-0.876	0.240	0.098	36.343	-4.221
NPM	-0.024	0.048	-2.650	0.306	0.321	31.914	-5.135
PBV	12.130	1.554	-17.781	271.746	34.903	22.055	4.419
PER	-1.967	9.255	-886.586	186.956	103.352	41.489	-5.972
DHCD	0.938	1.000	0.000	1.000	0.241	11.521	-3.662
DHCDM	0.981	1.000	0.000	1.000	0.137	48.700	-7.088
DTE	0.867	1.000	0.000	1.000	0.340	2.747	-2.173

Source: Processed by the Author

Table 1 describes the descriptive statistics of each variable used in the statistical model of this study. Descriptive statistical analysis was conducted to see the characteristics of the data used in this study. Descriptive statistics explain the data distribution of these variables by looking at the maximum, minimum, average, and standard deviation values of each research variable. The Effective Tax Rate (ETR_1) variable describes tax avoidance which is calculated by dividing the comparison of the company's income tax expense with profit before income tax, has a minimum value of 0.014 and a maximum value of 0.810 with an average value of 0.250 and a standard deviation of 0.134. The average value of 0.250 indicates that the average income tax expense incurred by the company is 25% of its profit before tax which is the same as the statutory tax rate, which is 25%. The Effective Tax Rate (ETR₂) variable also illustrates tax avoidance which is calculated by comparing the company's income tax expense with earnings before interest, taxes, depreciation and amortization (EBITDA). The greater the value of ETR₂, the lower the tax avoidance by the company. Based on the descriptive statistical analysis results, ETR₂ has a minimum value of 0.014 and a maximum value of 0.821 with an average value of 0.207. The standard deviation of 0.106 indicates a good data distribution and does not vary. ROA is a measure of company profitability. The table above shows that the average ROA is 0.038 with a standard deviation of 0.098. This means that manufacturing companies in Indonesia, on average, managed to generate 3.8% of operating profit from their total assets at the beginning of the year, with a maximum value of generating an operating profit of 28% of total assets at the beginning of the year. The Net Profit Margin (NPM) variable has a minimum value of -2.650 and a maximum value of 0.306 with an average value of -0.024, indicating the ability of manufacturing sector companies to generate net profits after tax is quite low. The PER variable in the table above shows that the average is 12,130. At the same time, the minimum value is around -886,586, with a maximum value of 186,956. The minimum and maximum values for the DHCD, DHCDM and DTE variables are 0 and 1, respectively. This indicates that some companies have not disclosed employee and management capacity development in the company's annual report. The minimum DTE value, also 0, indicates that some companies do not include the budget for employee capacity development programs. The high average scores for DHCD, DHCDM, and DTE show that more than 80-90 percent of companies have implemented employee capacity development programs.

2. Correlation Matrix

	ETR 1	ETR 2	ROA	NPM	PBV	PER	DHCD	DHCDM	DTE
ETR 1	1.000								
ETR 2	0.412	1.000							

Proceedings of International	Conference on Man	nower and Sustainable	Development	IMSIDE) 2022
roccoungs or micmational	Contenence on Man	power and Sustamatic	Development	INISIDE) 2022

	ETR 1	ETR 2	ROA	NPM	PBV	PER	DHCD	DHCDM	DTE
ROA	0.114	0.073	1.000						
NPM	0.188	0.033	0.565	1.000					
PBV	0.019	0.161	0.048	0.054	1.000				
PER	0.149	-0.059	0.170	0.355	-0.045	1.000			
DHCD	-0.346	-0.149	0.007	-0.042	0.070	-0.079	1.000		
DHCDM	-0.500	-0.169	0.052	-0.011	0.039	-0.068	0.542	1.000	
DTE	-0.111	-0.234	0.035	-0.039	0.099	-0.068	0.655	0.355	1.000

Source: Processed by the Author

Table 2 displays the results of a correlation analysis conducted with the SmartPLS program to determine the nature of the link between the variables utilized in the research. The correlation between firm success and tax evasion was often positive. This signifies that the ETR value is proportional to the company's performance. A high ETR indicates that the corporation pays more taxes. Therefore, the improvement in firm performance reflects a decline in tax evasion. However, there is a negative link between market performance (PER) and ETR₂. Moreover, there is a negative correlation between the growth of employee capacity and the disclosure of training expenses in all models' annual reports and financial statements. The ETR value decreases when DHCD, DHCDM, and DTE values increase. This implies that employee capacity-building initiatives will reduce the tax burden on businesses. This might be viewed as indicating that boosting employee capacity can influence employees' tax knowledge. So that tax planning will be more efficient from the company's perspective.

3. Measurement Model

This study employs reliability indices, internal consistency, convergent validity, and discriminant validity to validate the measurement model. The reliability indicator check is utilized to calculate an indicator's variance. In this phase, the indicator loading (indicator loading/factor loading/outer loading), a bivariate correlation between the indicator and the construct, must be squared. According to ANU, the minimal factor loading value is 0.7, but factor loading values between 0.6 and 0.7 are still acceptable. According to Table 3's SmartPLS calculation findings, the factor loading values for all variables are more than 0.6, indicating that the variables in this study meet the reliability indications. The second step is evaluating internal consistency using composite reliability. Internal consistency dependability is deemed adequate if the value is more than 0.70. Less than 0.6 indicates a lack of dependability. Table 4 of the SmartPLS report demonstrates that the composite reliability value for all constructions is more than 0.70. With the resultant value, all structures have good dependability in compliance with the specified minimum value limit.

	СР	HCD	TA
Human Capacity	Development		
DHCD		0.862	
DHCDM		0.871	
DTE		0.686	

 Table 3. Factors loading

Tax Avoidance

	СР	HCD	TA
ETR 1			0.952
ETR 2			0.67
Corporate Perform	mances		
NPM	0.89		
PER	0.644		
ROA	0.731		

Source: Processed by the Author

Table 4. Composite Reliability and Average Variance Extracted						
Composite Reliability Average Variance Extracted (AVE)						
Corporate Performances	0.803	0.580				
Human Capacity Development	0.851	0.658				
Tax Avoidance	0.804	0.678				

Source: Processed by the Author

Assessing the convergent validity of each construct is the next stage. Convergent validity refers to the degree to which the construct converges to explain the indicator's variation. This may be evaluated using the extracted average variance (AVE) value. A notion has enough convergent validity when its AVE value is at least 0.5. According to Table 4, the AVE value for all variables is more than 0.5.

Table 5. Discriminant validity: Heterotrait-Monotrait ratio of correlations.					
	СР	HCD	ТА		
СР					
HCD	0.103				
TA	0.266	0.544			

Source: Processed by the Author

		5	
	СР	HCD	TA
СР	0.762		
HCD	-0.037	0.811	
TA	0.172	-0.438	0.823
Source: Table 7.	Processe	ed by the A	Author
	СР	HCD	TA

Table 6. Discriminant validity Fornell-larcker criterion

DHCD	-0.051	0.862	-0.332
DHCDM	-0.015	0.871	-0.463
DTE	-0.036	0.686	-0.169
ETR 1	0.202	-0.452	0.952
ETR 2	0.022	-0.208	0.670
NPM	0.890	-0.032	0.164
PER	0.644	-0.086	0.102
ROA	0.731	0.04	0.118

Source: Processed by the Author

Step four is to evaluate discriminant validity. This metric indicates how empirically dissimilar a construct is from other constructs in the structural model (74). Fornell and Larcker (75) state that discriminant validity is established when the AVE's square root surpasses the latent variable's pairwise association. According to Table 6, the skewed value is the square root of the AVE that is greater than the off-diagonal value, which is the pairwise association between each component. Table 7 displays the many distinct components' exploratory loading, validating the threshold value. Henseler et al. (76) also claimed discriminant validity if the Hetro-Trait and Mono-Trait values were less than 0.85. Table 5, 6, and 7 demonstrates that all components have discriminant validity.

4. Structural Model

Only if the measurement model has been satisfactorily validated can the structural model be evaluated. Validation of structural models can aid in systematically determining if the data support the structural model's hypotheses. The PLS structural model may be assessed using the coefficient of determination (R^2) and path coefficients. The coefficient of determination in this study is presented in Table 8, and the path coefficient is depicted in Figure 2.

Table 8. PLS structural model – R ²				
	R-Square			
Corporate Performances	0.001			
Tax Avoidance	0.216			

Source: Processed by the Author

The r-square value in Table 9 above shows that Human Capacity Development and Corporate Performances can explain the variability of the Tax Avoidance construct of 21.65%. The rest is explained by constructs other than those studied in this study. Meanwhile, Human Capacity Development could only explain the variability of the Corporate Performances construct of 0.1%.



Figure 2. Path Coefficient

The t-test was utilized to assess hypotheses. Suppose the computed t-statistic is larger than the 2-tailed critical value of t of 1.96 (at a significance threshold of 5 per cent). In that case, the path coefficient is significant, and vice versa (74). Table 9 displays the results of hypothesis testing at a 5% significance level. The first hypothesis examines whether or not Corporate Performance has a major impact on Tax Avoidance. The test findings indicate a substantial relationship between Corporate Performance and Tax Avoidance. Using a significance threshold of 5%, or 0.05, the test yielded t-statistics of 2,407 and p-values of 0.0160. The t-statistics value is more than 1.96, and the p-values are less than 0.05, indicating that Corporate Performances substantially influence Tax Avoidance at the 5 per cent significance level. The second hypothesis examines if Human Capability Development has no meaningful influence on corporate performance. Using a significance threshold of 5%, or 0.4300. Human Capacity Development has no significant influence on Corporate Performances at the 5% significance threshold of 5%, or 0.05, the test yielded t-statistics of 0.79 and p-values of 0.4300. Human Capacity Development has no significant influence on Corporate Performances at the 5% significance level since the t-statistics value is less than 1.96 and the p-values are more than 0.05.

Table 9. SEM hypothesis testing								
Hypothesis	Relationship	Original Sample	T Statistics	P Values	Supported			
H ₁	$CP \rightarrow TA$	0.156	2.407	0.0160	Yes			
H_2	$HCD \rightarrow CP$	-0.037	0.790	0.4300	No			
H ₃	$HCD \rightarrow TA$	-0.432	4.666	0.0000	Yes			
H ₄	$HCD \rightarrow CP \rightarrow TA$	-0.006	1.158	0.247	No			

Source: Processed by the Author

The third hypothesis examines whether Human Capacity Development has an appreciable impact on Tax Avoidance. The test findings indicate a substantial relationship between Human Capacity Development and Tax Evasion. Using a significance threshold of 5%, or 0.05, the test yielded t-statistics of 4,666 and p-values of 0.0000. The t-statistics value is greater than 1.96, and the p-values are less than 0.05, indicating that Human Capacity Development substantially impacts Tax Avoidance at the 5 per cent significance level. The fourth hypothesis investigates if Human Capacity Development influences Tax Avoidance via Corporate Performances as a mediator. The test findings indicate that the mediation of Human Capacity Development on Tax Avoidance and Corporate Performances had no meaningful influence. At a significance level of 5%, the test results provide t-statistics of 1.158 and p-values of 0.247. The t-statistic is less than 1.96, and the p-values are more than 0.05, indicating that Human Capacity Development has no influence on Tax Avoidance with Corporate Performances mediation at the 5 per cent significance level.

5. Discussion

The first hypothesis in this study suspects that there is an effect of Company Performance on Tax Avoidance. Based on the discussion in the previous Hypothesis Testing, it is known that the test results support the hypothesis. The higher the Company's Performance, the higher the ETR value. A high ETR value indicates that the company pays more taxes, so it can be said that when the company's performance improves, the tax payment compliance will increase and result in greater tax payments. Based on these implications, it can be said that the theory of political costs is proven in this test. Meanwhile, in the second hypothesis, the researcher suspects that human capacity development affects company performance. Based on previous tests, it turns out that human capacity development does not affect company performance. Further research is needed to investigate whether the human capacity development program affects individual performance. Individual performance is the result of employee work in terms of quality and quantity based on predetermined work standards. In contrast, organizational performance is a combination of individual performance and group performance. So, according to the researchers here, it is natural that human capacity development does not directly affect company performance. This is because good company performance is not only determined by a human capacity development program in the company.

While the third hypothesis, based on the results of previous statistical tests, shows that the human capacity development program significantly affects tax avoidance. The more often the human capacity development program is carried out, the more efficient the taxes paid by the company will be. This shows that the human capacity development that has been carried out and budgeted by the company can be a means to achieve tax efficiency. Improving human capacity at the company level through training gives the person higher professionalism and a more compressive ability to the company's business. While the fourth hypothesis, which states that human capacity development through company performance affects tax avoidance, is not proven. This can be interpreted as the company's human capacity development aimed at specific things and focusing on individual performance in certain fields.

CONCLUSION

Taxes and human resources both have an important role in a company. Taxes are used by the state to finance various general expenses or for routine expenses. Meanwhile, from the company's perspective, taxes are a burden that must be controlled in order to create large profits. One way to streamline taxes at the company level is to plan taxes as well as possible. Tax planning will work if the company's human resources are professional and comprehensively understand tax regulations. One of the things that companies can do to make their human resources professional is through capacity-building programs. Companies usually provide training that aims to provide or improve knowledge, understanding, and skills, especially regarding company problems. Knowledge, understanding, and skills are related to reasoning abilities. So that the company hopes that increasing the capacity of its human resources will have an impact on better company performance. The study was conducted to investigate further the effect of increasing human capacity in a company on company performance and tax avoidance. The results from this study stated that human capacity development does not directly affect company performance and tax avoidance through mediating company performance.

IMPLICATION/LIMITATION AND SUGGESTIONS

In the final result of the study, it was found that increasing human capacity does not directly affect company performance and tax avoidance through the mediation of company performance. This is something the company did not expect. The results that companies expect when carrying out human capacity development programs can certainly impact company performance. The weakness of this study is that it does not include several control variables that determine the company's performance. So, further researchers need to include other control variables into the research model so that it is more comprehensive and there is no single interpretation. Control variables for company performance

are needed to accommodate the actual conditions of a business environment. Of course, the company's performance depends not only on the human capacity development program but also on other factors.

REFERENCES

1. Efendi S. Implementation of Talent Management as an Effort to Improve Employee Performance. In: 2nd Annual Conference on blended learning, educational technology and Innovation (ACBLETI 2020). Atlantis Press; 2021. p. 537–42.

2. Ashari R, Syam AR, Budiman A. The World Challenge of Islamic Education Toward Human Resources Development. In: Proceeding of International Conference on Islamic Education (ICIED). 2017. p. 169–75.

3. Agarwala T. Strategic human resource management. Arth Anvesan. 2008;71.

4. Lewis RE, Heckman RJ. Talent management: A critical review. Hum Resour Manag Rev. 2006;16(2):139–54.

Adeosun OT, Ohiani AS. Attracting and recruiting quality talent: firm perspectives. Rajagiri Manag J.
 2020;

6. Horváthová P. The application of talent management at human resource management in organization. In: 3rd international conference on information and financial engineering, IPEDR. 2011. p. 50–4.

7. Harimurti C, Hermawan R. The Role of Talent Management in Improving the Quality of Human Resources: A Case Study approach of National Private Companies. Tech Soc Sci J. 2021;17:386.

8. Egerová D. Integrated talent management-a challenge or necessity for present management. Probl Manag 21st Century. 2013;6:4.

9. Effa E, Arikpo D, Oringanje C, Udo E, Esu E, Sam O, et al. Human resources for health governance and leadership strategies for improving health outcomes in low-and middle-income countries: a narrative review. J Public Health (Bangkok). 2021;43(Supplement_1):i67–85.

10. Turner JR, Baker R, Schroeder J, Johnson KR, Chung C. Leadership development techniques: Mapping leadership development techniques with leadership capacities using a typology of development. Eur J Train Dev. 2018;

11. Cheng M, Lin J, Hsiao T, Lin TW. Invested resource, competitive intellectual capital, and corporate performance. J Intellect Cap. 2010;

12. Grigore A-M. The impact of human resources practices upon small companies performances. Bul Univ Pet din Ploieti. 2008;60(2):83–92.

13. Popescu C, Georgescu AR, Grapă BG. The Role and the Importance of Human Resources in Obtaining Organization Performances. Valahian J Econ Stud. 2019;10(1).

14. Kabir MR, Ullah MM, Chowdhury MM. Impact of Human Resources Training on the Performances of Banks-An Empirical Study. China-USA Bus Rev. 2013;12(5).

15. Naroş M-S, Simionescu M. The role of education in ensuring skilled human capital for companies. Theor Empir Res Urban Manag. 2019;14(1):75–84.

16. Heimerl C, Kolisch R. Work assignment to and qualification of multi-skilled human resources under knowledge depreciation and company skill level targets. Int J Prod Res. 2010;48(13):3759–81.

17. Sabrina R. Human Resource Management. Sulasmi E, editor. Medan: UMSU Press; 2021.

18. Nafukho FM, Hairston N, Brooks K. Human capital theory: Implications for human resource development. Hum Resour Dev Int. 2004;7(4):545–51.

19. Sukoco I, Prameswari D. Human Capital Approach to Increasing Productivity of Human Resources Management. AdBispreneur J Pemikir dan Penelit Adm Bisnis dan Kewirausahaan. 2017;2(1).

20. Okoye PVC, Ezejiofor RA. The effect of human resources development on organizational productivity. Int J Acad Res Bus Soc Sci. 2013;3(10):250.

21. Mozael BM. Impact of training and development programs on employee performance. Int J Sci Res Publ. 2015;5(11):37–42.

22. DeCenzo DA, Robbins SP, Verhulst SL. Fundamentals of human resource management. John Wiley & Sons; 2016.

23. Bao HJ, Cheng HK, Vejayaratnam N, Anathuri A, Seksyen S, Bangi BB, et al. A study on human resource function: recruitment, training and development, performance appraisal and compensation. J Glob Bus Soc Entrep. 2021;7(20).

24. Kum FD, Cowden R, Karodia AM. The impact of training and development on employee performance: A case study of ESCON Consulting. Singaporean J Bus Econ Manag Stud. 2014;3(3):72–105.

25. Day C, Gu Q. Variations in the conditions for teachers' professional learning and development: Sustaining commitment and effectiveness over a career. Oxford Rev Educ. 2007;33(4):423–43.

26. Guise V, Anderson J, Wiig S. Patient safety risks associated with telecare: a systematic review and

narrative synthesis of the literature. BMC Health Serv Res. 2014;14(1):1-15.

27. Choo S, Bowley C. Using training and development to affect job satisfaction within franchising. J Small Bus Enterp Dev. 2007;

28. Jehanzeb K, Bashir NA. Training and development program and its benefits to employee and organization: A conceptual study. Eur J Bus Manag. 2013;5(2).

29. Karim MM, Choudhury MM, Latif W Bin. The impact of training and development on employees' performance: An analysis of quantitative data. Noble Int J Bus Manag Res. 2019;3(2):25–33.

30. Freire-Serén MJ, i Martí JP. Tax avoidance, human capital accumulation and economic growth. Econ Model. 2013;30:22–9.

31. Murphy K. An Examination of Taxpayers Attitudes Towards the Australian Tax System: Findings from a survey of tax scheme investors. Aust tax Forum. 2003;18 (2)(January 2004):209–42.

32. Aichian AA, Kessel RA. Competition, monopoly, and the pursuit of pecuniary gain. In: Aspects of labor economics. Princeton University Press; 1962. p. 157–83.

33. Jensen MC, Meckling WH. Theory of the firm: Managerial behavior, agency costs and ownership structure. In: Corporate Governance. Gower; 1976. p. 77–132.

34. Yinka MS, Uchenna CE. Firm specific determinants of corporate effective tax rate of listed firms in Nigeria. J Account Tax. 2018;10(2):19–28.

35. J Delgado F, Fernandez-Rodriguez E, Martinez-Arias A. Corporation effective tax rates and company size: evidence from Germany. Econ Res istraživanja. 2018;31(1):2081–99.

36. Kasim FM, Saad N. Determinants of corporate tax avoidance strategies among multinational corporations in Malaysia. Int J Public Policy Adm Res. 2019;6(2):74–81.

37. Luty P. Tax Avoidance in V4 Countries and Serbia–Influence of Company Size on Effective Tax Rate. FINIZ 2020-People Focus Process Autom. 2020;5–11.

38. Mocanu M, Constantin S-B, Răileanu V. Determinants of tax avoidance–evidence on profit tax-paying companies in Romania. Econ Res Istraživanja. 2021;34(1):2013–33.

39. Alchian AA, Demsetz H. Production, information costs, and economic organization. Am Econ Rev. 1972;62(5):777–95.

40. Jensen MC, Meckling WH. Theory of the firm: Managerial behavior, agency costs and ownership structure. In: Corporate Governance. Gower; 2019. p. 77–132.

41. Panda B, Leepsa NM. Agency theory: Review of theory and evidence on problems and perspectives. Indian J Corp Gov. 2017;10(1):74–95.

42. Pepper A, Gore J. Behavioral agency theory: New foundations for theorizing about executive compensation. J Manage. 2015;41(4):1045–68.

43. Lan LL, Heracleous L. Rethinking agency theory: The view from law. Acad Manag Rev. 2010;35(2):294–314.

44. Davis JH, Schoorman FD, Donaldson L. Toward a stewardship theory of management. In: Business ethics and strategy. Routledge; 2018. p. 473–500.

45. Wiseman RM, Cuevas-Rodríguez G, Gomez-Mejia LR. Towards a social theory of agency. J Manag Stud. 2012;49(1):202–22.

46. Van Puyvelde S, Caers R, Du Bois C, Jegers M. The governance of nonprofit organizations: Integrating agency theory with stakeholder and stewardship theories. Nonprofit Volunt Sect Q. 2012;41(3):431–51.

47. Mitnick BM. Origin of the theory of agency: an account by one of the theory's originators. Available SSRN 1020378. 2019;

48. Wiratmoko S. The effect of corporate governance, corporate social responsibility, and financial performance on tax avoidance. Indones Account Rev. 2018 Dec;8(2):241.

49. Yuniarwati I, Dewi SP, Lin C. Factors that influence tax avoidance in Indonesia stock exchange. Chinese Bus Rev. 2017;16(10):510–7.

50. Aminah, Chairina, Sari YY. The Influence of Company Size, Fixed Asset Intensity, Leverage,

Profitability, and Political Connection To Tax Avoidance and Political Connection To Tax Avoidance. 2017.

51. Wahyuni L, Fahada R, Trisakti U. IMAR Indonesian Management and Accounting Research The Effect of Business Strategy, Leverage, Profitability and Sales Growth on Tax Avoidance Billy Atmaja. 2017.

52. Iriyadi I, Tartilla N, Gusdiani R. The Effect of Tax Planning and Use of Assets on Profitability with Good Corporate Governance as a Moderating Variable. 2020.

53. Zhu N, Mbroh N, Monney A, Bonsu MO-A. Corporate Tax Avoidance and Firm Profitability. Eur Sci J ESJ. 2019 Mar;15(7).

54. Alfina IT, Nurlaela S, Wijayanti A. The Influence of Profitability, Leverage, Independent Commissioner, and Company Size to Tax Avoidance. 2018.

55. Swanson RA. Human resource development: Performance is the key. Vol. 6, Human Resource

Development Quarterly. 1995. p. 207-13.

56. Soseco T. Creating Better Human Development through Taxation. Int Conf Educ Econ Business, Financ 2016. 2016;(October 2016):430–6.

57. Torraco RJ, Swanson R a. The Strategic Roles of Human Resource Development. Vol. 18, Human Resource Planning. 1995. p. 10–21.

58. Trisnawati E, Budiono H. The Effect of Intellectual Capital on Tax Avoidance Before and After the Tax Amnesty. 2020;145(Icebm 2019):190–4.

59. Auerbach AJ, Burman LE, Siegel JM. Capital gains taxation and tax avoidance: New evidence from panel data. National Bureau of Economic Research Cambridge, Mass., USA; 1998.

60. Fox WF, Luna L. Do limited liability companies explain declining state corporate tax revenues? Public Financ Rev. 2005;33(6):690–720.

61. Kira AR. An evaluation of governments' initiatives in enhancing small taxpayers' voluntary tax compliance in developing countries. Int J Acad Res Accounting, Financ Manag Sci. 2017;7(1):253–67.

62. Alm J, Martinez-Vazquez J. Tax morale and tax evasion in Latin America. Andrew Young School of Policy Studies, Georgia University, International ...; 2007.

63. Kovermann J, Velte P. The impact of corporate governance on corporate tax avoidance—A literature review. J Int Accounting, Audit Tax. 2019;36:100270.

64. Tarmidi D, Sari PN, Handayani R. Tax Avoidance: Impact of Financial and Non-Financial Factors. Int J Acad Res Accounting, Financ Manag Sci. 2020;10(2):1–8.

65. Fauzan F, Ayu DA, Nurharjanti NN. The Effect of Audit Committee, Leverage, Return on Assets, Company Size, and Sales Growth on Tax Avoidance. Ris Akunt dan Keuang Indones. 2019;4(3):171–85.

66. Nasehudin TS, Gozali N. Quantitative research methods. Bandung: Pustaka Setia; 2012.

67. Darmawan D. Quantitative research methods. PT Remaja Rosdakarya; 2013.

68. Sugiyono. Metode penelitian pendidikan pendekatan kuantitatif, kualitatif dan R&D. Bandung: Alfabeta; 2013.

69. Sekaran U, Bougie R. Research methods for business a skill building approach. New York: John Wiley & Sons; 2016.

70. Reinartz WJ, Echambadi R, Chin WW. Generating non-normal data for simulation of structural equation models using Mattson's method. Multivariate Behav Res. 2002;37(2):227–44.

71. Hau K, Marsh HW. The use of item parcels in structural equation modelling: Non-normal data and small sample sizes. Br J Math Stat Psychol. 2004;57(2):327–51.

72. Sarstedt M, Cheah J-H. Partial least squares structural equation modeling using SmartPLS: a software review. Springer; 2019.

73. Utomo SB, Sekaryuni R, Widarjono A, Tohirin A, Sudarsono H. Promoting Islamic financial ecosystem to improve halal industry performance in Indonesia: a demand and supply analysis. J Islam Mark. 2020;12(5):992–1011.

74. Hair Jr JF, Hult GTM, Ringle CM, Sarstedt M, Danks NP, Ray S. Partial least squares structural equation modeling (PLS-SEM) using R: A workbook. Springer Nature; 2021.

75. Fornell C, Larcker DF. Structural equation models with unobservable variables and measurement error: Algebra and statistics. Sage Publications Sage CA: Los Angeles, CA; 1981.

76. Henseler J, Ringle CM, Sarstedt M. A new criterion for assessing discriminant validity in variancebased structural equation modeling. J Acad Mark Sci. 2015;43(1):115–35.