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Analysis Payment Fine Ticket Consequence The Impact of Traffic Cameras on State Finance

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Abstract

Study This own objective For know influence payment fine ticket and camera Then cross in a manner together to state finances. Approach study This uses quantitative whereas genius study uses descriptive. Source of data used namely primary and secondary. Population in research This is 5,309 violators Then recorded traffic in September 2022 in the city of Medan. Procedure for taking the sample in research This using the Slovin Technique ie 372 samples. t value $_{count}$ For variable Payment Fine A ticket (X_1) is visible that mark t $_{count}$ (-2.022) with level significant 0.043 < 0.05 means variable Payment Fine ticket influential significant to State Finance. t value $_{count}$s For variable The Traffic Camera (X_2) is visible that mark t $_{count}$ (-1.856) with level significant 0.064 > 0.05 means variable Traffic Cameras don't have influence significant to State Finance. t value $_{count}$ For variable moderation between variable Payment Fine ticket with variable Traffic Camera (M) is visible that mark t $_{count}$ (2.425) with significance 0.015 < 0.05 means variable moderation between variable Payment Fine ticket with variable Traffic Camera (M) effect significant to State Finance. $_{Calculated}$ F value (18.333) and sig. a (0.000 ^{a}) are located below 0.05. It means the results study can accept the hypothesis. So that can is known that variable Payment Fine Tickets and Traffic Cameras have influence significant positive in a manner simultaneous to State Finance.

Keywords: Payment Fine Tickets, Traffic Cameras, State Finance

INTRODUCTION

The state did various activity transactions To fulfill the need of society. The state must have source strong finances _ so activity transactions can walk smoothly. According to Suparmoko (2012), state finance is influence budget state income and spending _ a purposeful economy _ To reach a growth economy, equity distribution income, stability price, increase efficiency and create field jobs. Constitution Republic of Indonesia Number 17 of 2003 explains state finances are whole items that can become appropriate state property with the implementation of the rights and obligations of the state that can be rated with money. State finances are an important part _ of state administration.

State Finance is whole goods that can become appropriate state property with the implementation of state rights and obligations that can rate with money. Police The Republic of Indonesia (Polri) enforces the ticket electronic that is system *Electronic Traffic Law Enforcement* / ETLE since month March 2021 to put things in order rule Then traffic and efficiency implementation tickets. Application tickets are electronically done through CCTV footage on the street road certain. Because using CCTV cameras, tickets are electronically known with the designation CCTV ticket. Knowing the benefit of camera scout for the world of policing makes Us understand will importance of alert. prosecution ticket electronic This started implemented in Jakarta at the end year 2018. Due to performance, CCTV tickets have proven effective in handling violations Then cross, then system This is implemented in scope national.

In 2016, President Jokowi instructed the deletion practice of illegal levies in Indonesia, one of them related to fine tickets. Fine ticket is one _ source that included state revenue as State Revenue No Tax (PNBP) that applies at the Attorney General's Office. Article 1 paragraph (1) letter d PP No. 39 of 2016 concerning " Types and Tariffs on Non-State Revenues Tax " contains an explanation that payment fine on violation Then cross including PNBP originating from determination or decision court that has characteristic law stay. PNBP that has accepted will quickly deposit to the state treasury.

Application of E-Ticket based need to enforce the law to policing Then cross, because of limited power police and to avoid practice corruption. E-tickets prepared as well as deterrents happening the practice of corrupt fined by officers in the field. Here, the payment process for fines in court is often long and wordy which leads to offenders Then cross more choose To pay a fine on the spot and cause happening practice corrupt. The E-Ticket mechanism that can be obtained paid with *mobile banking* to a Bank account that has been determined will make it easy for the violator Then cross, so fine ticket the will be directly paid off without must come to an attorney or Court.

According to Sony Devano and Siti Kurnia Rahayu in a book entitled " Taxation _ Concepts, Theories, and Issues "(2006:198), Fines are the penalty given to administration _ to nonoffenders _ who do obligation reporting. the ticket was given police to the user the way that violation Then cross. Moment take action, the police dismiss vehicle violators, show letter duty, and say hello politely. If the user breaks the path _ and hit ticket electronics, mail tickets will be sent directly through *E-mail* or sent to the address owner's vehicle.

When apparatus police publish letter tickets or give fines, officers must own proof of motorist violations. _ But in practice, it's often redundant and done only based on visual observation. According to Herman Dwi Surjono (1996:8), "Closed Circuit Television (CCTV) is a tool recorder with a video camera so can generate internal data videos, photos or audio". According to Sudarsono (2005:344), " Violations is deed criminal or belonging to the crime No heavy ". CCTV ticket is an application high tech camera advanced To capture _ the user-caught path _ camera moment violate Then cross automatically. Installation of CCTV cameras in several segment road functions To monitor every movement of the violator or user road. Check this CCTV applies To all types of vehicles, that is two-wheeled or wheeled vehicles _ four. it _ No can give certainty law, so raises subjectivity and practice corrupt. With the enactment of E-tickets, income from fine tickets can enter the state treasury more optimally. Because the offenders direct was recorded by CCTV then cross, letter tickets direct sent to address violators.

RESEARCH METHODS

Approach study This characteristic is quantitative. The researcher does data collection, determines the variable Then measures with use numbers to get analyze with procedure applicable statistics. _ Type study This is descriptive. object studies study This explains events that occurred moment This or problem actual. Nature of research This is studied explanatory. Population in study This namely 5,309 violators Then recorded traffic in September 2022 in the city of Medan. In research this, procedure of taking samples based on the use technique Slovins, namely :

$$n = \frac{N}{1 + N \cdot e^2}$$

Description : n = sample N = population
e = estimate level error
Following is a calculation sample with technique Slovin:

Data collection techniques using a questionnaire with a Likert scale. The data analysis using analysis multiple linear regression. Analysis multiple linear regression is a regression model that includes One variable dependent and more from One variable independent. Analysis of multiple linear regression aims To know the direction and how big variable independent influential to variable dependent (Ghozali, 2018).

$Y = \alpha + \beta\ 1X1 + \beta\ 2X2 + \varepsilon$

Description: Y = variable State Finance
X1 = variable Payment Fine ticket
X2 = variable Traffic Camera
α = constant from equality regression
β = coefficient regression
ε = other influencing factors variable State Finance

RESEARCH RESULTS AND DISCUSSION

Results of Data Analysis

Multiple Linear Regression With Interaction Test Application (Moderated Regression Analysis). Test results analysis Multiple Linear Regression with Interaction Test application (Moderated Regression Analysis) is in the table under this:

Table 1. Test Results in Multiple Linear Regression With Interaction Test Application

Dependent Variable: Y
Method: Least Squares
Date: 03/07/23 Time: 20:06
Sample: 1 372
Included observations: 372

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	50.12576	13.93469	3.597192	0.0004
X1	-0.908799	0.449249	-2.022927	0.0438
X2	-0.853353	0.459739	-1.856168	0.0642
M	0.035699	0.014717	2.425710	0.0158

R-squared	0.130025	Mean dependent var	29.78495
Adjusted R-squared	0.122932	S.D. dependent var	3.585985
S.E. of regression	3.358343	Akaike info criterion	5.271467
Sum squared resid	4150.475	Schwarz criterion	5.313605
Log likelihood	-976.4928	Hannan-Quinn criter.	5.288201
F-statistic	18.33348	Durbin-Watson stat	1.385612
Prob(F-statistic)	0.000000		

Source: Research Results, 2023 (Data processed)

Finances = 50.125 - 0.908 Payments Fine Ticket - 0.853 Camera Then Cross + e Based equality above, then:

1. Constant (a) = 50.125. This means that if the independent variables, namely Payment of Ticket Fines (X1), and Traffic Cameras (X2) have a value of 0, then State Finance (Y) is equal to 50.125.
2. The regression coefficient -0.908 means that if there is an increase in payment of ticket fines so will increase State Finance of -0.908 without influencing factor other.
3. The regression coefficient is -0.853 meaning that if there is an increase in Traffic Cameras it will increase State Finances by -0.853 without being influenced by other factors.
4. The regression coefficient of 0.035 means that if there is an increase in the moderating variable between the payment of ticket fines and the traffic camera variable, it will increase state finances by 0.035 without being influenced by other factors.

Hypothesis Test kindly Simultaneous (Test F)

Test results hypothesis in a manner simultaneous is in the table below this:

Table 2. Results Testing Hypothesis Kindly Simultaneous

Dependent Variable: Y
Method: Least Squares
Date: 03/07/23 Time: 20:06
Sample: 1 372
Included observations: 372

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	50.12576	13.93469	3.597192	0.0004
X1	-0.908799	0.449249	-2.022927	0.0438
X2	-0.853353	0.459739	-1.856168	0.0642
M	0.035699	0.014717	2.425710	0.0158

R-squared	0.130025	Mean dependent var	29.78495
Adjusted R-squared	0.122932	S.D. dependent var	3.585985
S.E. of regression	3.358343	Akaike info criterion	5.271467
Sum squared resid	4150.475	Schwarz criterion	5.313605
Log likelihood	-976.4928	Hannan-Quinn criter.	5.288201
F-statistic	18.33348	Durbin-Watson stat	1.385612
Prob(F-statistic)	0.000000		

Source: Research Results, 2023 (Data processed)

The obtained Fcount value is 18.333 and sig. a (0.000a) which is below 0.05. It means the results study accepts the hypothesis, so can is known that variable Payment Fine Speed Tickets and Traffic Cameras together have influence significant positive in a manner simultaneous to State Finance.

Hypothesis Test kindly Partial (t-test)

Test results hypothesis in a manner Partial is in the table below this:

Table 3. Test Results Hypothesis Kindly Partial

Dependent Variable: Y
Method: Least Squares
Date: 03/07/23 Time: 20:06
Sample: 1 372
Included observations: 372

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	50.12576	13.93469	3.597192	0.0004
X1	-0.908799	0.449249	-2.022927	0.0438
X2	-0.853353	0.459739	-1.856168	0.0642
M	0.035699	0.014717	2.425710	0.0158

R-squared	0.130025	Mean dependent var	29.78495
Adjusted R-squared	0.122932	S.D. dependent var	3.585985
S.E. of regression	3.358343	Akaike info criterion	5.271467
Sum squared resid	4150.475	Schwarz criterion	5.313605
Log likelihood	-976.4928	Hannan-Quinn criter.	5.288201
F-statistic	18.33348	Durbin-Watson stat	1.385612
Prob(F-statistic)	0.000000		

Source: Research Results, 2023 (Data processed)

Based on the table above, can _ seen that:

1. The count value for the variable Payment of fines (X1) shows that the value of count (-2.022) with a significance of 0.043 <0.05 means that the variable Payment of fines ticket is influential and significant to State Finance.

2. The count value for the Traffic Cameras variable (X2) shows that the count value (1.856) with a significance level of 0.064 > 0.05 means that the Traffic Cameras variable has no effect significant to State Finance.
3. The count value for the moderating variable between the payment of ticket fines and the Traffic Camera variable (M) shows that the count (2.425) with a significance of 0.015 <0.05 means that the moderation variable between variable Payment Fine ticket with variable Traffic Camera (M) has significant influence _ to State Finance.

Coefficient Determination (R2)

Test results coefficient determination is in the table under this:

Table 4. Test Results Coefficient Determination Before Interaction Test

Dependent Variable: Y
Method: Least Squares
Date: 03/06/23 Time: 22:11
Sample: 1 372
Included observations: 372

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	16.64681	1.933165	8.611167	0.0000
X1	0.173304	0.053475	3.240857	0.0013
X2	0.255089	0.050844	5.017142	0.0000

R-squared	0.116114	Mean dependent var	29.78495
Adjusted R-squared	0.111324	S.D. dependent var	3.585985
S.E. of regression	3.380495	Akaike info criterion	5.281953
Sum squared resid	4216.838	Schwarz criterion	5.313557
Log likelihood	-979.4433	Hannan-Quinn criter.	5.294504
F-statistic	24.23738	Durbin-Watson stat	1.354719
Prob(F-statistic)	0.000000		

Source: Research Results, 2023 (Processed Data)

R^2 value obtained is 0.116. It means the ability variable Payment Fine Traffic ticket (X1) and Kemara Traffic (X2) explained influence to State Finance (Y) of 11.6%. Whereas the rest are influenced by variables other.

Table 5. Test Results Coefficient Determination After Interaction Test

Dependent Variable: Y
Method: Least Squares
Date: 03/07/23 Time: 20:06
Sample: 1 372
Included observations: 372

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	50.12576	13.93469	3.597192	0.0004
X1	-0.908799	0.449249	-2.022927	0.0438
X2	-0.853353	0.459739	-1.856168	0.0642
M	0.035699	0.014717	2.425710	0.0158

R-squared	0.130025	Mean dependent var	29.78495
Adjusted R-squared	0.122932	S.D. dependent var	3.585985
S.E. of regression	3.358343	Akaike info criterion	5.271467
Sum squared resid	4150.475	Schwarz criterion	5.313605
Log likelihood	-976.4928	Hannan-Quinn criter.	5.288201
F-statistic	18.33348	Durbin-Watson stat	1.385612
Prob(F-statistic)	0.000000		

Source: Research Results, 2023 (Processed Data)

R^2 value obtained is 0.130 or 13%. of value regression First shows the value of 0.116 or 11.6% meanwhile when There is additional variable moderation rises to 0.130 or 13%, that is

There is enhancement by 0.014 or 1.4% then can be said that the variable Traffic Cameras improve or moderate influence Payment Fine ticket to State Finances by 1.4%

Discussion

Influence Payment Fine ticket To State Finance

count value For variable Payment Fine A ticket (X1) is visible that mark count (-2.022) with level significant 0.043 < 0.05 means Payment Fine ticket influential significant in a manner Partial to State Finance. If anything enhancement Payment Fine ticket so will there is enhancement State Finance of -90.8%.

Influence Traffic Camera Against State Finance

Count value For variable The Traffic Camera (X2) is visible that mark count (-1.856) with level significant 0.064 > 0.05 means Traffic Cameras don't influential significant in a manner Partial to State Finance. If so enhancement to Traffic Camera then will there is enhancement State Finances by -85.3%.

Influence Variable Moderation Between Variables Payment Fine Tickets and Traffic Cameras Against State Finance

Count value For variable moderation between variable Payment Fine Tickets and Traffic Cameras (M) are visible that mark count (2.425) with level significant 0.015 < 0.05 means variable moderation between variable Payment Fine Tickets and Traffic Cameras have significant influence _ to State Finance. If so enhancement to variable moderation between variable Payment Fine Tickets and Traffic Cameras then State Finance will increase by 3.5%.

Influence Payment Fine Tickets and Traffic Cameras Against State Finance

Fcount (18.333) and sig. a (0.000a) values are located below 0.05. It means the results study can accept the hypothesis. R^2 value obtained is 0.130. It means the ability variable Payment Fine Tickets (X1), Traffic Cameras (X2), and variables moderation between variable Payment Fine Tickets and Traffic Cameras (M), explained influence to State Finance (Y) of 13.00%. Whereas the rest are influenced by variables other. Possible implications _ given researcher from results study This namely:

1. To increase the efficiency and effectiveness of activities and payment fines, parties officer can give help or instruction to the offenders where is one The method can be done with give number telephone help you can contact the violator if the violator does No know How method the payment Because No all violator understands about method payment fine these and more expect search information via the internet.
2. Increasing the effectiveness of ticketing using traffic cameras can also be done with the enhanced quality camera used _ Because Still there are Lots of cameras that _ function well and often experience damage.

CONCLUSION

The conclusions reached from the results study namely: count value For variable Payment Fine A ticket (X1) is visible that mark count (-2.022) with significance 0.043 < 0.05 means Payment Fine ticket influential significant to State Finance. Count value For variable The Traffic Camera (X2) is visible that mark count (1.856) with the significance of 0.064 > 0.05 means Traffic Cameras don't have influence significant to State Finance. Count value For variable moderation between Payment Fine Tickets and Traffic Cameras (M) are visible that mark count (2.425) with significance 0.015 < 0.05 means variable moderation between Payment Fine

Tickets and Traffic Cameras (M) has an effect significant to State Finance. Fcount (18.333) and sig. a (0.000a) values are located below 0.05. It means the results study can accept the hypothesis. So that can is known that Payment Fine Tickets and Traffic Cameras have influence significant positive in a manner simultaneous to State Finance.

Possible suggestions given researcher from the results study are: It is hoped that researchers will research can continue so you can is known other influential factors to state finances. Research results This hope to get become a reference for the researcher next to do related research _ with study this. The researcher next expected can add other variables to get obtain information that can influence state finances.

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