



THE INFLUENCE OF WHALE SHARK TOURISM ATTRACTION AND ACTIVITIES FISHERS ON COMMUNITY ECONOMIC IMPROVEMENT IN BOTUBARANI VILLAGE KABILA BONE DISTRICT BONEBOLANGO REGENCY GORONTALO PROVINCE

Megawati Tololiu, Fachrudin Zain Olilingo, Muhammad Amir Arham
Heldy Vanni Alam

corr. email heldy.alam@ung.ac.id
Master of Economic Education Study Program
Gorontalo State University

Article history:	Abstract:
<p>Received: April 28th 2022 Accepted: May 30th 2022 Published: June 30th 2022</p>	<p>Study this aim for knowing influence power pull tour whale shark and activities fisherman to enhancement economy people in the village Botubarani District of Kabila Bone , District of Bone Bolango Gorontalo Province . This study uses a quantitative approach with the ex post facto method. Source of data in study this is primary data through deployment questionnaire to 63 people. Data analysis techniques used is multiple linear regression with SPSS version 21 help . Research results this show that (1) Power pull tour influential whale shark positive and significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province . Meaning from coefficient positive show that power pull tour whale shark gives good impact _ in reach enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province . (2) Activities fisherman take effect positive and significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province . Meaning from coefficient positive show that the more active fisherman in activity the economy so enhancement economy Public will the more good . 3) Power pull tour whale shark and activities fisherman by together take effect significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province with score coefficient determination by 61.20%. Whereas the rest of 38.80% can explained by other variables outside of this study.</p>

Keywords: Community Economy, Tourism Whale Shark Activities Fisherman

INTRODUCTION

The place tourism in Gorontalo province is like that many and varied , one of them tour Whale shark (Geo Park) located in the village Botubarani Kabila Bone District , Bone Bolango Regency . The appearance of a whale shark in the waters village Botubarani suspected strong because availability food , as well condition the waters based on several water quality parameters and conditions environment in some location the emergence of whale sharks (Rahman et al., 2017). Village community Botubarani work as laborer fisherman and fisherman individual . Laborer fisherman is a working person with use tool catch belongs to someone else while fisherman individual is fishermen who have tool catch itself and its operation no involve other people. This is what causes p

income earned _ fisherman or laborer fisherman relatively low no sufficient needs life everyday . This caused because culture non - consumer in accordance with income cause they entangled circle debt . Expenditure biggest fisherman is for pay debt , expense school children and needs everyday . Income go to sea they direct finished , they owe again so that difficult go out from poverty . For support economy family finally woman look for income addition with sell and work as factory workers _ Ray ponula Deheto (SPD).

Another thing that causes poverty is lack of education and skills possessed by the community Village Botubarani so that they difficult get more work _ good . Fisherman in Village Botubarani majority educated low only until level Elementary School (SD) so that they work



as fisherman because no there is choice another . With limited education , skills and capital so that them work as fisherman laborer Thing this effect on income and economy house the stairs .

Rental service boat to traveler aim for make it easy see whale shark more close Thing this give opportunity profession for fishermen _ for add income with service rental the original boat only used for catch fish. Rental services boat has regulated by the government village , where boat for rent IDR 80,000 one boat maximum of 4 people, with provision pay retribution of Rp. 10,000 to government village , so the total received by fishermen around IDR 70,000 in one time rental boat . If in a day rental boat more from three times then income will increase Thing the could influence economy house ladder fisherman . provider the place stay (home stay) for traveler with utilise house population around the place travel . In the wake Stalls simple on the edge beach with sell various type food weight , snacks , drinks and some other snacks available for arriving visitors . _ Shop eat the owned by moms from Village Botubarani . For tourists who want to snorkel or dive are available the place rental tool useful dive _ for traveler for see Whale Shark from in the water enjoy reef coral and marine life other . Diving equipment this originated from assistance from the Minister of Maritime Affairs and Fisheries in the form of equipment snorkel gear consisting of from masks, snorkels and frog legs a total of 50 sets. Help the handed over to Group Aware Tour Botubarani whale shark for could for rent to tourists . Besides that there is also Salvador place rental tool dive that comes from from Public around the place travel . With existence the place effort that , then tour whale shark on the beach Botubarani will have score more because existence facility support travel . Besides that there are also souvenir sellers , sellers waste skin and head shrimp as food whale shark . Applied Tour based on

Public expected effort this could accommodate Public village Botubarani Becomes part from activity travel .

For support development tour required investment in _ transportation and communication , hotel and accommodation , handicraft industry and product industry consumer , service industry , home eat (Spillane, 2004). With be equipped facilities support like transportation and communication could make it easy traveler for access the place tour that . Facilities support in object tour whale shark yet adequate namely public toilets still limited only 1 unit, room rinse for traveler 1 unit , parking area not yet adequate so that traveler Park vehicle on the side Street Raya , not yet the availability of hotels so that Public rent house them as a homestay, availability the place rubbish still limited so that traveler throw away rubbish haphazard cause object tour Becomes dirty . With the existence of Micro , Small and Medium Enterprises in the village Botubarani Kabila Bone District can support economy society to achieve well-being together .

Study this addressed for analyze influence power pull tour whale shark and activities fisherman to enhancement economy Public Village Batubarai Kabila Bone sub- district, Bone Bolango district Gorontalo Province .

RESEARCH METHODOLOGY

The place for this research is on the coast of Botubarani Village, Kabila Bone District, Bone Bolango Regency, Gorontalo Province. The time of the study was carried out from February to May 2022. This study used a quantitative approach with the ex post facto method. The source of data in this study is primary data by distributing questionnaires to 63 people. The data analysis technique used is multiple linear regression with the help of SPSS version 21.

RESEARCH RESULT

A. Descriptive Variable Study

Analysis result descriptive from every variable study that is as following :

a. Variable Power pull tour whale shark (X₁)

Answer result respondent for variable Power pull tour whale shark can served in table following this :

Table 1: Whale shark tourist attraction (X₁)

No	Indicator	current	Ideal	Score	Criteria
1	Attractions	2,366	2,835	83.46%	Well
2	Accessibility	2,477	3,150	78.63%	Enough Well
3	Amenities	3,950	4,725	83.60%	Well
Total		8,793	10,710	82.10%	Well

Source: Processed Data, 2022

Based on table above _ so could is known that variable power pull tour whale shark is in " good " criteria with score by 82.10%. This thing show that tour whale shark in the Village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province is able be an interesting spot for traveler because with existence tour this whale shark then Gorontalo is getting known by the public large even making ad one _ product done on tour this .



b. Variable Activity fisherman (X2)

Answer respondent for for variable activity fisherman served in table following this :

Table 2: Fishermen's Activity Variables (X₂)

No	Indicator	current	Ideal	Score	Criteria
1	Peasant-Fisher	1,947	2,520	77.26%	Enough Well
2	Post Peasant Fisher	1,401	1,890	74.13%	Enough Well
3	Commercial Fisher	699	945	73.97%	Enough Well
4	Industrial fisher	636	945	67.30%	Enough Well
Total		4,683	6,300	74.33%	Enough Well

Source: Processed Data, 2022

Based on table above _ so could is known that variable activity fisherman lies in the " enough " criteria good " with score by 74.33%. This thing show that existence activity quite a fisherman active so that many society that leads to to area Village The later Botubarani of course will turn on various activity the economy of course could increase well-being economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province .

c. Variable Enhancement economy community (Y)

Answer respondent for variable Enhancement economy Public served in table following this :

Table 3: Improving the community's economy (Y)

No	Indicator	current	Ideal	Score	Criteria
1	Source power man	2,268	2,835	80.00%	Enough Well
2	Source power natural	1,950	2,520	77.38%	Enough Well
3	Capital	2,289	2,835	80.74%	Well
4	Technology	2,060	2,520	81.75%	Well
Total		8,567	10,710	79.99%	Enough Well

Source: Processed Data, 2022

Based on table above _ so could is known that variable enhancement economy Public lies in the " enough " criteria good " with score 79.99%. This thing show that tour Village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province is able for increase economy Public where something area tour will bring potency sure effort _ produce income for Public around .

B. Regression Model Estimation and Partial Test

Analysis result with SPSS program assistance is shown in the table 4 as following :

Table 4 : Analysis Results Regression

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	15,905	8,901		1,787	.079
1 Tourist Attraction _ Whale Shark	.488	.108	.450	4,534	.000
Activity Fisherman	.533	.122	.433	4.365	.000

Source : SPSS 21, 2022 processed data

Based on results the above analysis , a simple linear regression model that builds are :

$$= 15.905 + 0.488X_1 + 0.533X_2 + e$$

Test results partial is as following :

1) Influence Power pull tour whale shark against enhancement economy Public

t- count value for variable Power pull tour whale shark obtained of 4,534 while t - table value at level 5% significance and degree free nk-1 or 63-2-1=60 for 2,000. If both the value of the t compared so t - value still more big compared with t - table value (4,534>2,000). So from that concluded that at the level of power 95% confidence pull tour influential whale shark positive and significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province .

2) Influence Activity fisherman to enhancement economy Public

t- count value for variable Activity fisherman obtained of 4.365 while t - table value at level 5% significance and degree free nk-1 or 63-2-1=60 for 2,000. If both the value of the t compared so t - value still more big compared with t - table value (4,365>2,000). So from that concluded that at the level of 95% confidence Activity fisherman take effect



positive and significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Province Gorontalo..

C. Test Hypothesis Simultaneous

Simultaneous Test Results in this study can be seen in the following table :

Table 5 : Test Results Simultaneous

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	6187,777	2	3093.888	49,967	.000 ^b
	Residual	3715.128	60	61,919		
	Total	9902,905	62			

Source : Processed Data SPSS 21, 2022

From the table above got score F_{count} study this amounted to 28,639. Temporary that score F_{table} at level 5% significance and df_1 of $k = 2$ and df_2 of $Nk-1=63-2-1=60$ are of 3.150. If both this F value compared , then the $F_{calculated}$ - value obtained far more big F_{table} so that

power pull tour whale shark and activities fisherman by together take effect significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province

D. Coefficient Determination

Coefficient determination (R^2) in study this could seen in the table following :

Table 6 : Coefficient Determination

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.790 ^a	.625	.612	7.86885

Source : Processed Data SPSS 21, 2022

Based on results analysis coefficient determination in the table above so could seen that big influence (ability variable free in explain variable bound) using score *Adjusted R Square*, equal to 0.612. This value show that of 61.20% variability enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province can explained by power pull tour whale shark and activities fisherman , while the rest of 38.80% can explained by other variables that are not researched in study this . Factor the that is role BUMDes , competence Public in innovation effort , commitment community , availability ingredient raw for effort and power buy Public other or tourism .

by existence provision various tourist facilities _ Village Botubarani .

Test results regression found that power pull tour influential whale shark positive and significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province with score coefficient determination by 48.80%. Meaning from coefficient positive show that power pull tour whale shark gives good impact _ in reach enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province . Through results this so the need government Bone Bolango District To do strategic steps taken based on process management integrated in development tour like involve all party in the process of planning , organizing , implementing and evaluating in skeleton development tour

DISCUSSION

1. Influence Power pull tour whale shark against enhancement economy Public

Analysis result descriptive show that variable power pull tour whale shark is in " good " criteria with score by 82.10%. This thing show that tour whale shark in the Village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province is able be an interesting spot for traveler because with existence tour this whale shark then Gorontalo is getting known by the public large even making ad one _ product done on tour this . The thing that makes this whale shark interesting is aspect attractions from animal this give power unique pull _ for Public domestic nor Gorontalo local then supported

This result in line with statement from Suwatoro in Masroruh and Nurhayati (2016) say that tourist as something change the place stay temporary somebody outside the place stay because something reason and not for activities that generate wages . So that tourist is journey for Fulfill passion and curiosity will related interests _ with fun and well- being economy . Success or success period long tourism is highly dependent on the level of acceptance and support from community local . Therefore , for _ ensure that development tourism in a the place could managed with good and sustainable , then



Thing basic must _ realized for support destination the is how facilitate broad involvement _ from community local in the process of developing and maximizing score benefit social and economic from activity tourism . This result is also suitable with opinion dari Wolok (2016), Analysis impact economy tour whale shark against income Public Botubarani Gorontalo. Conclusion of the research Based on results research , then could concluded impact economy tour nautical to income people in the village Batubarai has give impact economy to Public although perceived impact _ is in the category low and not yet feel by evenly distributed by society .

Yoeti (2013:4) says that development a location tours that don't accompanied with ability in planning , managing as well as operate with good will difficult for party manager for reach destination from founded tour that , like the minimum visit traveler because object tours and attractions developed tourism _ not enough interesting , thing this could influence profit earned _ party manager travel . For it's a development strategy for make draft tour really important in develop the place travel always _ attracted by tourists and interested with object tour the as well as want to buy / try owned product . _ Ongoing tours _ develop will capable maintain intensity visit from community that has know tour that .

2. Influence Activity fisherman to enhancement economy Public

Analysis result descriptive show that variable activity fisherman lies in the " enough " criteria good " with score by 74.33%. This thing show that existence activity quite a fisherman active so that many society that leads to to area Village The later Botubarani of course will turn on various activity the economy of course could increase well-being economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province . activity fisherman still dominated by activities by fishermen traditional , however activity fisherman this enough bring profit for Public around because catch fisherman already enough a lot of course will inviting Public other buy fish in the Village area Botubarani so that economy in the area the Keep going move .

Test results regression found that activity fisherman take effect positive and significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province with score coefficient determination by 53.30%. Meaning from coefficient positive show that the more active fisherman in activity the economy so enhancement economy Public will the more good . Through results this so important for government Bone Bolango District for increase capacity fishermen to optimize their activities for activity economy as later fisherman _ accompanied with various help for more boats _ worthy and awake safety

health work fisherman so that activities and results the economy generated by the activity fisherman the more good

This result in accordance with statement from Kusnadi (2013) that Public fisherman is one part Indonesian people who live with manage potency source power fishery . As something the people who live in area coast , community fisherman have distinct social characteristics _ _ with the people who live in the region mainland . In a few area relatively developed coast fast , structure people character heterogeneous , has ethos work high , solidarity strong social , as well as open to change and interaction social . Even though so , problem poverty still whack part inhabitant Public coast , so this social fact impressed irony in the middle riches source power coast and ocean .

3. Influence Power pull tour whale shark and Activities fisherman by Simultaneous to Enhancement economy Public

Test results statistics descriptive about enhancement economy Public found that variable enhancement economy Public lies in the " enough " criteria good " with score 79.99%. This thing show that tour Village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province is able for increase economy Public where something area tour will bring potency sure effort _ produce income for Public around . Existence enhancement economy this of course be marked with increase in capital from Public for made as effort productive other as well as Becomes more easy use technology for business Becomes more growing . Effort enhancement still need conducted for activity economy this that is strengthening and development the community so that their business and income Becomes more productive as well as mitigation and optimization source power natural for Becomes potency more travel _ bring profit for society

Test regression by simultaneous found that power pull tour whale shark and activities fisherman by together take effect significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province with score coefficient determination by 61.20%. Whereas the rest of 38.80% can explained by other variables that do not researched in study this . Factor the that is role BUMDes , competence Public in innovation effort , commitment community , availability ingredient raw for effort and power buy Public other or tourism . Through results this so the need for government Bone Bolango District for To do development capacity for Public around who has effort to be able Becomes Public innovative in effort , remember product creative who becomes characteristic typical from Village Tour Botubarani not yet there is so that need for optimized



This result in accordance with statement from Hairunnisya , et al (2020) that empowerment sector tourism as effort increase economy society . The conclusion is increasing frequency activity economy creative in the form of packaging chips gadung , dance practice and activities other arts in society after training is one indicator of increasing activity creative support tourism . It also shows _ that participation society is also greatly improved . Weakness activity this is existence limited time , because _ activity carried out during the COVID-19 pandemic.

CONCLUSION

Based on results research and discussion in chapter before , then could drawn a number of conclusion as following :

1. Power pull tour influential whale shark positive and significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province with score coefficient determination by 48.80%. Meaning from coefficient positive show that power pull tour whale shark gives good impact _ in reach enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province .
2. Activity fisherman take effect positive and significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province with score coefficient determination by 53.30%. Meaning from coefficient positive show that the more active fisherman in activity the economy so enhancement economy Public will the more good .
3. Power pull tour whale shark and activities fisherman by together take effect significant to enhancement economy people in the village Botubarani Kabila Bone District , Bone Bolango District Gorontalo Province with score coefficient determination by 61.20%. Whereas the rest of 38.80% can explained by other variables that are not researched in study this . Factor the that is role BUMDes , competence Public in innovation effort , commitment community , availability ingredient raw for effort and power buy Public other or tourism .

SUGGESTION

Based on the conclusions of the study, the research suggestions are described as follows:

1. The need for the government of Bone Bolango Regency to take strategic steps that are carried out based on an integrated management process in tourism development such as involving all parties in the planning, organizing, implementation and

evaluation processes in the context of tourism development.

2. It is important for the government of Bone Bolango Regency to increase the capacity of fishermen so that their activities are more optimal for economic activities as fishermen which are then accompanied by various assistance for boats that are more suitable and the safety of fishermen's work is maintained so that the activities and economic results generated by fishing activities are getting better.
3. The need for the government of Bone Bolango Regency to carry out capacity building for surrounding communities who have businesses to be able to become an innovative community in business, considering that the creative products that are the hallmark of the Botubarani Tourism Village do not yet exist so they need to be optimized.

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