

## Productivity at Work: Impact of Personality Value and Organizational Commitment

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### Article Info

### Abstract

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The goal of this study was to clarify how organizational commitment and personality value characteristics affected labor productivity in groups of fisherman. In this study, 30 persons made up the sample, and questionnaires and interviews were employed to collect data. Multiple linear regression is the data analysis technique used with the SPSS 24 software. The findings of this study suggest that organizational commitment and personality values have a favorable and significant impact on work productivity. indicating a relationship in the same direction as the hypothesis, or that organizational commitment and personality values will boost job productivity in groups of fisherman.

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## 1. INTRODUCTION

There are a significant number of people that rely on fisheries goods to make a livelihood, but they are not yet considered well-off since they lack the resources to actively pursue catches. The fisheries subsector is extremely reliant on the caliber of its human resources as well as their tenacity and perseverance in utilizing their potential.

A change in the standard of living requires persistent work to raise it, and a person's level of commitment to that effort is based on how they perceive the organization's values in reality or on how well their personal values align with those of the organization (Finegan, 2000), To carry out their operations and achieve their goals, organizations need values. These values are further separated into personal values and organizational values (Ez-Eldin et al., 2018) Personal beliefs, corporate values, and how appropriate they are all have an impact on moral workplace conduct and organizational commitment (Thomas, 2013), Organizational commitment is directly and favorably impacted by personality (Utami et al., 2021) When individuals build organizational commitment during their job, they appear to

need to take into account their relationship with the organization in the overall picture (Porter et al., 1974).

All behavioral patterns and personal habits that people develop through time and utilize to respond to and adjust to all stimuli, both internal and external. Because of this, organizational commitment significantly affects performance (Rafiei et al., 2014), Employee performance is positively and significantly impacted by organizational commitment (Amri et al., 2021) The group's survival and organization depend heavily on commitment (Sutanto, 2004), whereas productivity is significantly impacted by organizational commitment (Studi et al., 2017).

As long as people are still learning and willing to learn more, as well as gaining experience and skills, they will develop more mature and stable personalities. Because of this personality trait, fishermen are able to act imaginatively and creatively in developing catches, which increases their productivity.

The significance of job productivity in raising welfare has generally been understood. In general, if productivity is enhanced as a force to produce more products and services, no sort of human endeavor is unprofitable. The living conditions of fisherman might also be directly impacted by improved output.

## 2. METHODS

All of the participants in this study were members of the fishing community, which consisted of up to two groups, each with 15 participants, for a total of 30 participants. And that includes both the study's entire sample and its overall population as determined by the Likert scale method.

The obtained data will then be processed in accordance with the requirements of the linear double regression analysis in order to analyze the data on the accomplishment of research objectives and test the proposed hypotheses (Bremer, 2012) Regression analysis, specifically a double linear regression, was employed in this study to identify the fisherman group's variable work productivity. Generally speaking, the regression formula and equation are as follows.:

$$Y = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + e$$

Where :

Y = Dependent variable

X = independent variable

$\beta$  = regression coefficient

$\beta_0$  = constant

e = disturbing factor

from the equation above, the model in this study

is:  $Y = a + \beta_1 X_1 + \beta_2 X_2 + e$   
 where :  
 Y = Work productivity  
 X1 = personality  
 X2 = organizational commitment  
 b = regression coefficient  
 e = error factor (assuming = 0)

### 3. RESULT AND DISCUSSION

A comment made by fisherman in this study about the impact of a job's productivity on success is used to measure personality value. Extraversion (X11), emotional stability (X 12), agreeableness (X13), conscientiousness (X14), and openness to experience (X15) are the five indications that character traits are translated into (X15).

Table 3.1 displays the distribution of respondents' responses to the statements in each indicator for each personality variable.

**Table 1.**  
**Distribution of Answers on Personality Value Variables from Respondents**

Items (Items)	Frequency of Respondents' Answers (f) & Percentage (%)										AVER AGE	CATEGORY
	SS (5)		S(4)		NR (3)		TS (2)		STS (1)			
	F	%	F	%	F	%	F	%	F	%		
X111	9	30,00	11	36,67	7	23,33	3	10,00	0	0	3.87	Good
X112	11	36,67	8	26,67	6	20,00	4	13,33	1	3,33	3.80	Good
X113	14	46,67	8	26,67	6	20,00	2	6,67	0	0	4,13	Good
<b>Average Indicator Extraversion (X1)</b>											3.93	Good
X121	14	46,67	8	26,67	6	20,00	2	6,67	0	0	4,13	Good
X122	9	30,00	9	30,00	7	23,33	4	13,33	1	3,33	3.70	Good
X123	11	36,67	8	26,67	5	16,67	5	16,67	1	3,33	3.77	Good
<b>Average Indicator emotional stability (X2)</b>											3.87	Good
X131	11	36,67	10	33,33	4	13,33	4	13,33	1	3,33	3.87	Good
X132	14	46,67	8	26,67	6	20,00	2	6,67	0	0	4,13	Good
X133	9	30,00	10	33,33	7	23,33	3	10,00	1	3,33	3.77	Good
<b>Average Indicator Agreeableness (X3)</b>											3.92	Good
X141	15	50,00	7	23,33	6	20,00	2	6,67	0	0	4,17	Good
X142	9	30,00	9	30,00	7	23,33	4	13,33	1	3,33	3.70	Good
X143	11	36,37	7	23,33	5	16,67	6	20,00	1	3,33	3.70	Good
<b>Average Indicator Conscientiousness (X4)</b>											3.86	Good
X151	9	30,00	9	30,00	7	23,33	4	13,33	1	3,33	3.70	Good
X152	11	36,67	7	23,33	5	16,67	6	20,00	1	3,33	3.70	Good
X153	8	26,67	9	30,00	9	30,00	4	13,33	0	0	3.70	Good
<b>Average Indicator Openness to Experience (X5)</b>											3.70	Good
<b>Average Personality Value Variable (X1)</b>											3.70	

Source: Researchers processed primary data, 2022

According to the respondent's response, the personality value is good, according to the research on the respondent's description. This is evident from the 3.70 perception value of the typical respondent. According to the respondent, the indicator value appears to receive a lower rating than extraversion, emotional stability, agreeableness, conscientiousness, and openness to new experiences.

According to the fishing group's view of personality traits, respondents highly agreed and agreed that the level of personality was present. good in fishing. This is evident from the respondents' responses to the extraversion indicator, which has the highest average value of 3.93, indicating that because fishermen are open to working and engaging in activities with others in fishing groups, they feel at work personality level toward extraversion.

Based on the extraversion indicator, a fisherman can enhance and boost work productivity while working to meet company goals. As many as 11 fisherman and 7 employees each chose to strongly agree with this statement. As a result, the extraversion indicator's average score overall is 3.93, which is considered to be in a healthy range. This demonstrates how solid relationships among fellow fishermen will boost organizational productivity and help it achieve its objectives.

On the other hand, the average amount of openness to experience perceived by fisherman is the lowest, at 3.70. This indicates that there is less perceived willingness to take chances in the work being done among groups of fisherman. The respondent's perception of personality values was, nevertheless, rated well overall. This is demonstrated by the average respondent's score of 3.70 on the personality value measure.

In this study, organizational commitment is defined as the degree of trust and acceptance that members of the fishing industry have for the organization's aims and their desire to stay with it. Three indicators—*affective commitment (X21)*, *continuing commitment (X22)*, and *normative commitment*—are derived from organizational commitment factors (X23).

Table 2 displays the distribution of respondents' responses to the statements in each indicator for each organizational commitment variable.:

**Table 2.**  
**Responses to Organizational Commitment Variables by Respondents' Distribution**

Items (Items)	Frequency of Respondents' Answers (f) & Percentage (%)										AVER AGE	CATEGORY
	SS (5)		S(4)		NR (3)		TS (2)		STS (1)			
	F	%	f	%	F	%	F	%	F	%		
X211	12	40.00	15	50.00	2	6,67	1	3,33	0	0	4,27	Good
X212	9	30.00	17	56,67	3	10.00	1	3,33	0	0	4,13	Good
X213	9	30.00	15	50.00	4	13,33	2	6,67	0	0	4.03	Good
X214	9	30.00	17	56,67	3	10.00	1	3,33	0	0	4,13	Good
<b>Average Affective Commitment Indicator (X21)</b>											3,14	
X221	13	43,33	13	43,33	4	13,33	0	0	0	0	4.30	Good
X222	14	46,67	11	36,67	3	10.00	2	6,67	0	0	4,23	Good
X223	10	33,33	13	43,33	5	16,67	1	3,33	1	3,33	4.00	Good
X224	12	40.00	11	36,67	5	16,67	2	6,67	0	0	4,10	Good
<b>Average Indicators of Sustainable Commitment (X22)</b>											4,16	
X231	8	26,67	17	56,67	4	13,33	1	3,33	0	0	4.07	Good

X232	12	40.00	14	46,67	3	10.00	1	3,33	0	0	4,23	Good
X233	11	36,67	14	46,67	3	10.00	2	6,67	0	0	4,13	Good
<b>Average Normative Indicators (X23)</b>											4,14	
<b>Organizational Commitment Variable Average (X2)</b>											4,15	

Source: Researchers processed primary data, 2022

According to the respondent's comments, organizational commitment is good, as evidenced by the respondent's descriptive research findings. According to the respondents' perceptions, continuation commitment indicators are given more emphasis than normative and emotional commitment indicators. Because they believe they have an emotional connection and a sense of belonging to the company, fishermen's impression of sustained commitment reveals that respondents agree and strongly agree with the indication.

The respondents' responses to the sustainable commitment indicator, which has the highest average value of any of the indicators, demonstrate this (4.16). According to fishermen, the reason why they want to stay in the organization is because they emotionally connect with it and identify with it. According to the fisherman, the reasons they want to stay with their company include the difficulty in finding employment elsewhere and their fear of losing the benefits of working there. Therefore, the need for this commitment is driven by the need for money and the incapacity to obtain a better work.

The average degree of fishermen's impression of sustainable commitment, on the other hand, is the lowest at 4.00. The respondents' opinion of the organizational commitment variable, however, was generally positive. This is evident from the average respondent's 4.15 response to the question about the quantity generated, which takes into account, for instance, the volume of work that must be done and is set by the organization.

Work productivity in this study refers to how effectively and efficiently a fisherman completes his or her tasks in accordance with the tasks assigned to him or her within a given time frame. The four indicators of work productivity are quantity (Y11), quality (Y12), dependability (Y13), and attitude (Y14). Table 3 displays the distribution of respondents' responses to the statements in each indicator for each variable of work productivity:

**Table 3.**  
**Distribution of Answers on Work Productivity Variables from Respondents**

Items (Items)	Frequency of Respondents' Answers (f) & Percentage (%)										AVE RAG E	CATEGORY
	SS(5)		S(4)		NR (3)		TS (2)		STS (1)			
	F	%	F	%	F	%	F	%	f	%		
Y111	12	40.00	13	43,33	5	16,67	0	0	0	0	4,23	Good
Y112	10	33,33	12	40.00	7	23,33	0	0	1	3,33	4.00	Good
Y113	8	26,67	13	43,33	7	23,33	2	6,67	0	0	3.90	Good
<b>Quality indicator average (Y1)</b>											4.04	

Y121	8	26,67	13	43,33	7	23,33	2	6,67	0	0	3.90	Good
Y122	12	40.00	13	43,33	5	16,67	0	0	0	0	4,23	Good
Y123	10	33,33	12	40.00	7	23,33	0	0	1	3,33	4.00	Good
<b>Average quantity indicator (Y1)</b>											4.04	
Y121	10	33,33	10	33,33	8	26,67	2	6,67	0	0	3.93	Good
Y122	8	26,67	14	46,67	5	16,67	2	6,67	1	3,33	3.87	Good
Y123	8	26,67	13	43,33	7	23,33	2	6,67	0	0	3.90	Good
<b>Average reliability indicator (Y3)</b>											3.90	
Y131	8	26,67	13	43,33	7	23,33	2	6,67	0	0	3.90	Good
Y132	12	40.00	13	43,33	5	16,67	0	0	0	0	4,23	Good
Y133	10	33,33	12	40.00	7	23,33	0	0	1	3,33	4.00	Good
<b>Average attitude indicator (Y4)</b>											4.04	
<b>Work Productivity Variable Average (Y1)</b>											4.01	

Source:  
Research

respondents processed primary data, 2022

The results of the respondent's description research show that work productivity is good, based on the responses of the respondents. According to the respondents' perceptions, reliability received less emphasis than quality, quantity, and attitude. Fishermen's perceptions of productivity at work reveal that respondents concur and strongly concur on quality, quantity, and attitude, indicating that the amount of work required is in accordance with the standards set by the organization regarding the degree to which the process or results of carrying out activities are close to perfection or close to the anticipated goals. The respondents' responses to the indicators of quality, quantity, and attitude, which have the highest average value of 4.04, demonstrate this. However, the average level for fishermen's impression of the reliability indication is the lowest, at 3.90. Overall, nonetheless, the respondent's impression of the variable measuring labor productivity was positive. This is seen from the average response of 4.01 given by respondents (good).

The autocorrelation test is used to determine whether there is a link between the confounding errors in period t and the errors in period t-1 in a linear regression model (previously). An autocorrelation problem is one where there is a correlation. Of course, an autocorrelation-free regression is a good regression model. The DW (Durbin Watson) table, which can be used as a benchmark, can be utilized to determine whether autocorrelation is present as shown in the following:

**Table 4, Autocorrelation Test Results**

<b>Summary Model<sup>b</sup></b>					
Model	R	R Square	Adjusted R Square	std. Error of the Estimate	Durbin-Watson
1	.696 <sup>a</sup>	.655	.534	7.95892	1998

a. Predictors: (Constant), Organizational Commitment, Kepr Value

To detect the presence or absence of autocorrelation, the Durbin Watson test is carried out with the following conditions:

- A DW value less than 4 indicates a positive autocorrelation.
- DW values between -4 and +4, indicating a lack of autocorrelation.
- DW values greater than +4 denote a negative autocorrelation.

Table 4.11's summary output makes it clear that there is no autocorrelation because the Durbin Watson (D-W) number, which ranges from -4 to +4, is 1,998.

Multiple linear regression analysis is used to analyze the data used in this study to be able to address the issues and hypotheses that are put forth, specifically the effect of independent variables on the dependent variable both simultaneously and partially. The results of the multiple linear analysis performed in this study using the SPSS 20 program are as follows:

**Table 5. Results of Multiple Linear Regression Analysis**

Free Variables	Partial Coefficient (b)	t count	t sig	Ket
Personality Value (X <sub>1</sub> )	0.425	0.144	0.086	When not sig
Organizational Commitment (X <sub>2</sub> )	0.608	3,785	0.000	Sig sig
R =	0.696			
Rs <i>quare</i> =	0.655			
Constanta (α) =	8,280			
F count =	17,584			
F sig =	0.000			

Source: Researchers processed primary data, 2022

Based on the outcomes of multiple linear regression analysis in table 4.12 above, which shows the relationship between organizational commitment (X<sub>2</sub>) and personality values (X<sub>1</sub>) on work productivity factors (Y) in the fishing group, the following information is provided;

$$Y = 8.280 + 0.425X_1 + 0.608X_2$$

Where: Y = Work Productivity

X<sub>1</sub> = Personality Value

X<sub>2</sub> = Organizational Commitment

a= constant (8.280)

β<sub>1</sub> = Regression Coefficient of Personality Value (0.425)

β<sub>2</sub> = Regression Coefficient of Organizational Commitment (0.608)

The following can be translated from table 3.5 above as follows:

1. The relationship between organizational commitment (X<sub>2</sub>) and personality value (X<sub>1</sub>) on job productivity in the group of fisherman is strongly correlated, as indicated by the R value (correlation coefficient number) of 0.696.

2. The determinant coefficient (R<sup>2</sup>) value of 0.655 shows that the direct influence of organizational commitment (X<sub>2</sub>) and personality value variables (X<sub>1</sub>) on job productivity (Y) is 65.5%, leaving 44.5% unaffected. the effect of other variables that this study did not address. The variable association that is considered strong is defined as being between 0.80 and 100 due to this relationship's statistical strength. The R<sup>2</sup> value of 65.5% shows the stronger the independent variables' effects on job productivity, namely the importance of personality and organizational commitment.
3. The simultaneous F test yielded a F count of 17.584 and a F sig level of 0.000. Because the F sig value is higher and smaller than 0.05, the regression model can be used to predict work productivity (Y) in the fishermen group by simultaneously accounting for organizational commitment (X<sub>2</sub>) and personality values (X<sub>1</sub>).
4. Using the following criteria, the t (partial) test is used to determine the significance of each independent variable:  
 If  $t_{count} \text{ or } sig\ t < \alpha = 0.005$  then  $H_0$  is rejected (significant regression coefficient)  
 If  $t_{count} > t_{sig} > \alpha = 0.005$  then  $H_0$  is rejected (the regression coefficient is not significant).

**Hypothesis 1.** According to the findings of the linear regression analysis, the t value is 0.144 and the significant level is 0.086, which is greater than the significant level of 0.000. in order for the hypothesis to be believed.

**Hypothesis 2.** Multiple linear regression analysis reveals that the t value is 3.785 with a significant level of  $0.005 > significant\ level = 0.000$  so that the organizational commitment variable (X<sub>2</sub>) affects the work productivity variable (Y) and the second hypothesis can be accepted significantly. The organizational commitment variable (X<sub>2</sub>) partially has a positive and significant effect on work productivity (Y) in the fishermen group.

**Hypothesis 3.** Work productivity (Y) in the fisherman group is concurrently positively and significantly influenced by organizational commitment (X<sub>2</sub>) and personality value characteristics (X<sub>1</sub>) (X<sub>1</sub>). The first hypothesis put forth in the study can be accepted simultaneously that the personality value variable (X<sub>1</sub>) and organizational commitment (X<sub>2</sub>) have a positive and significant effect on work productivity (Y) in the fishermen group, as shown by the F sig probability value of  $0.005 > significant\ level = 0, 00$ .

#### 4. CONCLUSION

From the results of the discussion above it can be concluded as follows: First, the outcomes of multiple linear regression analysis demonstrate that organizational commitment (X<sub>2</sub>) and personality values (X<sub>1</sub>) have a simultaneous, positive, and significant impact on job productivity (Y). Work productivity is positively and significantly influenced by organizational

commitment (X2) and personality value characteristics (X1) at the same time (Y). Extraversion (X11), emotional stability (X12), agreeableness (X13), conscientiousness (X14), openness to experience (X15), and organizational commitment (X2) are the personality values that are applied in this context. Work productivity (Y) in the fishermen group is negatively impacted by affective commitment (X2.1), sustainable commitment (X2.2), and normative commitment (X2.3). Because work productivity has a significant impact on an organization's success, every business strives to boost productivity in order to meet established organizational objectives. Second, a fisherman group's level of productivity is influenced by its members' organizational commitment and personality values. Conversely, a fisherman group's level of productivity is influenced by its members' organizational commitment and personality values. A fisherman group with high organizational commitment and personality values tends to work efficiently to achieve high productivity. Contrarily, fishermen who are content with their jobs but don't put much effort into them tend to work at a reduced capacity, which leads to subpar work outcomes. Third, to carry out this research in order to demonstrate survey research by comparing various groups of fishermen.

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