

Lampiran 3. Frekuensi jawaban Responden

**Frequency Table**

**X1.1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	11	16.4	16.4	16.4
	4.00	35	52.2	52.2	68.7
	3.00	21	31.3	31.3	100.0
	Total	67	100.0	100.0	

**X1.2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	9	13.4	13.4	13.4
	4.00	30	44.8	44.8	58.2
	3.00	27	40.3	40.3	98.5
	1.00	1	1.5	1.5	100.0
	Total	67	100.0	100.0	

**X1.3**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	10	14.9	14.9	14.9
	4.00	41	61.2	61.2	76.1
	3.00	13	19.4	19.4	95.5
	2.00	3	4.5	4.5	100.0
	Total	67	100.0	100.0	

**X1.4**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	14	20.9	20.9	20.9
	4.00	34	50.7	50.7	71.6
	3.00	16	23.9	23.9	95.5
	2.00	3	4.5	4.5	100.0
	Total	67	100.0	100.0	

**X1.5**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	13	19.4	19.4	19.4
	4.00	27	40.3	40.3	59.7
	3.00	22	32.8	32.8	92.5
	2.00	5	7.5	7.5	100.0
	Total	67	100.0	100.0	

**X1.6**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	9	13.4	13.4	13.4
	4.00	43	64.2	64.2	77.6
	3.00	15	22.4	22.4	100.0
	Total	67	100.0	100.0	

**X2.1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	14	20.9	20.9	20.9
	4.00	43	64.2	64.2	85.1
	3.00	7	10.4	10.4	95.5
	2.00	3	4.5	4.5	100.0
	Total	67	100.0	100.0	

**X2.2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	16	23.9	23.9	23.9
	4.00	37	55.2	55.2	79.1
	3.00	12	17.9	17.9	97.0
	2.00	2	3.0	3.0	100.0
	Total	67	100.0	100.0	

**X2.3**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	11	16.4	16.4	16.4
	4.00	40	59.7	59.7	76.1
	3.00	14	20.9	20.9	97.0
	2.00	2	3.0	3.0	100.0
	Total	67	100.0	100.0	

**X2.4**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	12	17.9	17.9	17.9
	4.00	38	56.7	56.7	74.6
	3.00	14	20.9	20.9	95.5
	2.00	3	4.5	4.5	100.0
	Total	67	100.0	100.0	

**X3.1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	11	16.4	16.4	16.4
	4.00	42	62.7	62.7	79.1
	3.00	10	14.9	14.9	94.0
	2.00	4	6.0	6.0	100.0
	Total	67	100.0	100.0	

**X3.2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	11	16.4	16.4	16.4
	4.00	35	52.2	52.2	68.7
	3.00	20	29.9	29.9	98.5
	2.00	1	1.5	1.5	100.0
	Total	67	100.0	100.0	

**X3.3**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	7	10.4	10.4	10.4
	4.00	44	65.7	65.7	76.1
	3.00	14	20.9	20.9	97.0
	2.00	2	3.0	3.0	100.0
	Total	67	100.0	100.0	

**X3.4**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	8	11.9	11.9	11.9
	4.00	44	65.7	65.7	77.6
	3.00	12	17.9	17.9	95.5
	2.00	3	4.5	4.5	100.0
	Total	67	100.0	100.0	



**X4.1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	8	11.9	11.9	11.9
	4.00	42	62.7	62.7	74.6
	3.00	14	20.9	20.9	95.5
	2.00	3	4.5	4.5	100.0
	Total	67	100.0	100.0	

**X4.2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	12	17.9	17.9	17.9
	4.00	32	47.8	47.8	65.7
	3.00	20	29.9	29.9	95.5
	2.00	2	3.0	3.0	98.5
	1.00	1	1.5	1.5	100.0
	Total	67	100.0	100.0	

**Z1.1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	15	22.4	22.4	22.4
	4.00	32	47.8	47.8	70.1
	3.00	18	26.9	26.9	97.0
	2.00	2	3.0	3.0	100.0
	Total	67	100.0	100.0	

**Z1.2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	10	14.9	14.9	14.9
	4.00	42	62.7	62.7	77.6
	3.00	13	19.4	19.4	97.0
	2.00	2	3.0	3.0	100.0
	Total	67	100.0	100.0	



**Z1.3**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	15	22.4	22.4	22.4
	4.00	27	40.3	40.3	62.7
	3.00	16	23.9	23.9	86.6
	2.00	9	13.4	13.4	100.0
	Total	67	100.0	100.0	

**Z2.1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	10	14.9	14.9	14.9
	4.00	32	47.8	47.8	62.7
	3.00	20	29.9	29.9	92.5
	2.00	5	7.5	7.5	100.0
	Total	67	100.0	100.0	

**Z2.2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	8	11.9	11.9	11.9
	4.00	41	61.2	61.2	73.1
	3.00	15	22.4	22.4	95.5
	2.00	3	4.5	4.5	100.0
	Total	67	100.0	100.0	

**Z2.3**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	12	17.9	17.9	17.9
	4.00	35	52.2	52.2	70.1
	3.00	15	22.4	22.4	92.5
	2.00	5	7.5	7.5	100.0
	Total	67	100.0	100.0	

**Z3.1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	6	9.0	9.0	9.0
	4.00	42	62.7	62.7	71.6
	3.00	12	17.9	17.9	89.6
	2.00	7	10.4	10.4	100.0
	Total	67	100.0	100.0	

**Z3.2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	7	10.4	10.4	10.4
	4.00	43	64.2	64.2	74.6
	3.00	12	17.9	17.9	92.5
	2.00	5	7.5	7.5	100.0
	Total	67	100.0	100.0	

**Z3.3**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	14	20.9	20.9	20.9
	4.00	40	59.7	59.7	80.6
	3.00	11	16.4	16.4	97.0
	2.00	2	3.0	3.0	100.0
	Total	67	100.0	100.0	

**Z4.1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	8	11.9	11.9	11.9
	4.00	40	59.7	59.7	71.6
	3.00	11	16.4	16.4	88.1
	2.00	8	11.9	11.9	100.0
	Total	67	100.0	100.0	

**Z4.2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	9	13.4	13.4	13.4
	4.00	37	55.2	55.2	68.7
	3.00	13	19.4	19.4	88.1
	2.00	8	11.9	11.9	100.0
	Total	67	100.0	100.0	

**Z4.3**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	14	20.9	20.9	20.9
	4.00	39	58.2	58.2	79.1
	3.00	12	17.9	17.9	97.0
	2.00	2	3.0	3.0	100.0
	Total	67	100.0	100.0	



**Z5.1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	13	19.4	19.4	19.4
	4.00	38	56.7	56.7	76.1
	3.00	16	23.9	23.9	100.0
	Total	67	100.0	100.0	

**Z5.2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	5	7.5	7.5	7.5
	4.00	45	67.2	67.2	74.6
	3.00	17	25.4	25.4	100.0
	Total	67	100.0	100.0	

**Z5.3**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	12	17.9	17.9	17.9
	4.00	39	58.2	58.2	76.1
	3.00	16	23.9	23.9	100.0
	Total	67	100.0	100.0	

**Y1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	9	13.4	13.4	13.4
	4.00	41	61.2	61.2	74.6
	3.00	16	23.9	23.9	98.5
	2.00	1	1.5	1.5	100.0
	Total	67	100.0	100.0	

**Y2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	7	10.4	10.4	10.4
	4.00	41	61.2	61.2	71.6
	3.00	15	22.4	22.4	94.0
	2.00	4	6.0	6.0	100.0
	Total	67	100.0	100.0	

Y3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.00	12	17.9	17.9	17.9
	4.00	33	49.3	49.3	67.2
	3.00	18	26.9	26.9	94.0
	2.00	4	6.0	6.0	100.0
	Total	67	100.0	100.0	





## Lampiran 4. Uji Validitas dan Reliabilitas

### Correlations

Correlations		X1
X1.1	Pearson Correlation	.912**
	Sig. (2-tailed)	.000
	N	20
X1.2	Pearson Correlation	.891**
	Sig. (2-tailed)	.000
	N	20
X1.3	Pearson Correlation	.913**
	Sig. (2-tailed)	.000
	N	20
X1.4	Pearson Correlation	.906**
	Sig. (2-tailed)	.000
	N	20
X1.5	Pearson Correlation	.857**
	Sig. (2-tailed)	.000
	N	20
X1.6	Pearson Correlation	.877**
	Sig. (2-tailed)	.000
	N	20

\*\* . Correlation is significant at the 0.01 level

### Reliability

#### Case Processing Summary

		N	%
Cases	Valid	20	100.0
	Excluded <sup>a</sup>	0	.0
	Total	20	100.0

a. Listwise deletion based on all variables in the procedure.

#### Reliability Statistics

Cronbach's Alpha	N of Items
.940	6

## Correlations

Correlations

		X2
X2.1	Pearson Correlation	.819**
	Sig. (2-tailed)	.000
	N	20
X2.2	Pearson Correlation	.789**
	Sig. (2-tailed)	.000
	N	20
X2.3	Pearson Correlation	.916**
	Sig. (2-tailed)	.000
	N	20
X2.4	Pearson Correlation	.926**
	Sig. (2-tailed)	.000
	N	20

\*\* . Correlation is significant at the 0.01 level

## Reliability

Case Processing Summary

		N	%
Cases	Valid	20	100.0
	Excluded <sup>a</sup>	0	.0
	Total	20	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.879	4

## Correlations

### Correlations

		X3
X3.1	Pearson Correlation	.878**
	Sig. (2-tailed)	.000
	N	20
X3.2	Pearson Correlation	.840**
	Sig. (2-tailed)	.000
	N	20
X3.3	Pearson Correlation	.906**
	Sig. (2-tailed)	.000
	N	20
X3.4	Pearson Correlation	.654**
	Sig. (2-tailed)	.002
	N	20

\*\* . Correlation is significant at the 0.01 level

## Reliability

### Case Processing Summary

		N	%
Cases	Valid	20	100.0
	Excluded <sup>a</sup>	0	.0
	Total	20	100.0

a. Listwise deletion based on all variables in the procedure.

### Reliability Statistics

Cronbach's Alpha	N of Items
.841	4

## Correlations

		X4
X4.1	Pearson Correlation	.878**
	Sig. (2-tailed)	.000
	N	20
X4.2	Pearson Correlation	.957**
	Sig. (2-tailed)	.000
	N	20

\*\* . Correlation is significant at the 0.01 level

## Reliability

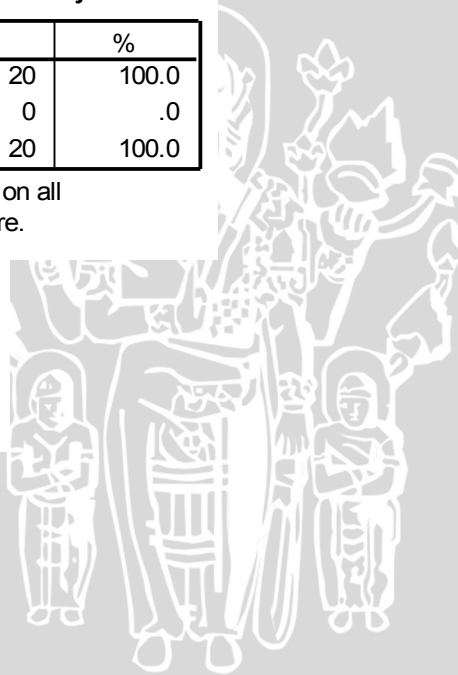
### Case Processing Summary

		N	%
Cases	Valid	20	100.0
	Excluded <sup>a</sup>	0	.0
	Total	20	100.0

a. Listwise deletion based on all variables in the procedure.

### Reliability Statistics

Cronbach's Alpha	N of Items
.767	2





## Correlations

Correlations		Z
Z1.1	Pearson Correlation Sig. (2-tailed) N	.758** .000 20
Z1.2	Pearson Correlation Sig. (2-tailed) N	.746** .000 20
Z1.3	Pearson Correlation Sig. (2-tailed) N	.891** .000 20
Z2.1	Pearson Correlation Sig. (2-tailed) N	.797** .000 20
Z2.2	Pearson Correlation Sig. (2-tailed) N	.828** .000 20
Z2.3	Pearson Correlation Sig. (2-tailed) N	.716** .000 20
Z3.1	Pearson Correlation Sig. (2-tailed) N	.811** .000 20
Z3.2	Pearson Correlation Sig. (2-tailed) N	.801** .000 20
Z3.3	Pearson Correlation Sig. (2-tailed) N	.582** .007 20
Z4.1	Pearson Correlation Sig. (2-tailed) N	.939** .000 20
Z4.2	Pearson Correlation Sig. (2-tailed) N	.885** .000 20
Z4.3	Pearson Correlation Sig. (2-tailed) N	.805** .000 20
Z5.1	Pearson Correlation Sig. (2-tailed) N	.792** .000 20
Z5.2	Pearson Correlation Sig. (2-tailed) N	.797** .000 20
Z5.3	Pearson Correlation Sig. (2-tailed) N	.876** .000 20

\*\* . Correlation is significant at the 0.01 level

## Reliability

### Case Processing Summary

		N	%
Cases	Valid	20	100.0
	Excluded <sup>a</sup>	0	.0
	Total	20	100.0

a. Listwise deletion based on all variables in the procedure.

### Reliability Statistics

Cronbach's Alpha	N of Items
.959	15



## Correlations

### Correlations

		Y
Y1	Pearson Correlation	.944**
	Sig. (2-tailed)	.000
	N	20
Y2	Pearson Correlation	.981**
	Sig. (2-tailed)	.000
	N	20
Y3	Pearson Correlation	.962**
	Sig. (2-tailed)	.000
	N	20

\*\* . Correlation is significant at the 0.01 level

## Reliability

### Case Processing Summary

		N	%
Cases	Valid	20	100.0
	Excluded <sup>a</sup>	0	.0
	Total	20	100.0

a. Listwise deletion based on all variables in the procedure.

### Reliability Statistics

Cronbach's Alpha	N of Items
.950	3



Lampiran 5. Analisis Path  $X_1, X_2, X_3, X_4$  terhadap  $Z$

## Regression

### Descriptive Statistics

	Mean	Std. Deviation	N
Z	57.3881	9.06869	67
X1	22.9104	3.84838	67
X2	15.7910	2.46513	67
X3	15.4179	2.25058	67
X4	7.5970	1.38235	67

### Correlations

		Z	X1	X2	X3	X4
Pearson Correlation	Z	1.000	.837	.828	.681	.755
	X1	.837	1.000	.876	.650	.791
	X2	.828	.876	1.000	.669	.726
	X3	.681	.650	.669	1.000	.542
	X4	.755	.791	.726	.542	1.000
Sig. (1-tailed)	Z	.	.000	.000	.000	.000
	X1	.000	.	.000	.000	.000
	X2	.000	.000	.	.000	.000
	X3	.000	.000	.000	.	.000
	X4	.000	.000	.000	.000	.
N	Z	67	67	67	67	67
	X1	67	67	67	67	67
	X2	67	67	67	67	67
	X3	67	67	67	67	67
	X4	67	67	67	67	67

### Variables Entered/Removed<sup>d</sup>

Model	Variables Entered	Variables Removed	Method
1	X4 <sup>a</sup> , X3, X2, X1	.	Enter

a. All requested variables entered.

b. Dependent Variable: Z

### Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.879 <sup>a</sup>	.772	.758	4.46352	2.215

a. Predictors: (Constant), X4, X3, X2, X1

b. Dependent Variable: Z



**ANOVA<sup>b</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4192.684	4	1048.171	52.611	.000 <sup>a</sup>
	Residual	1235.227	62	19.923		
	Total	5427.910	66			

a. Predictors: (Constant), X4, X3, X2, X1

b. Dependent Variable: Z

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.728	4.066		.671	.505
	X1	.696	.338	.295	2.056	.044
	X2	1.108	.483	.301	2.292	.025
	X3	.705	.334	.175	2.112	.039
	X4	1.363	.654	.208	2.085	.041

a. Dependent Variable: Z



Lampiran 6. Analisis Path  $X_1, X_2, X_3, X_4, Z$  terhadap  $Y$

## Regression

### Descriptive Statistics

	Mean	Std. Deviation	N
Y	11.4179	2.03119	67
X1	22.9104	3.84838	67
X2	15.7910	2.46513	67
X3	15.4179	2.25058	67
X4	7.5970	1.38235	67
Z	57.3881	9.06869	67

### Correlations

		Y	X1	X2	X3	X4	Z
Pearson Correlation	Y	1.000	.869	.862	.720	.741	.847
	X1	.869	1.000	.876	.650	.791	.837
	X2	.862	.876	1.000	.669	.726	.828
	X3	.720	.650	.669	1.000	.542	.681
	X4	.741	.791	.726	.542	1.000	.755
	Z	.847	.837	.828	.681	.755	1.000
Sig. (1-tailed)	Y	.	.000	.000	.000	.000	.000
	X1	.000	.	.000	.000	.000	.000
	X2	.000	.000	.	.000	.000	.000
	X3	.000	.000	.000	.	.000	.000
	X4	.000	.000	.000	.000	.	.000
	Z	.000	.000	.000	.000	.000	.
N	Y	67	67	67	67	67	67
	X1	67	67	67	67	67	67
	X2	67	67	67	67	67	67
	X3	67	67	67	67	67	67
	X4	67	67	67	67	67	67
	Z	67	67	67	67	67	67

### Variables Entered/Removed<sup>a</sup>

Model	Variables Entered	Variables Removed	Method
1	Z, X3, X4, X2, X1 <sup>a</sup>	.	Enter

a. All requested variables entered.

b. Dependent Variable: Y

**Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.915 <sup>a</sup>	.837	.824	.85242	1.889

a. Predictors: (Constant), Z, X3, X4, X2, X1

b. Dependent Variable: Y

**ANOVA<sup>b</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	227.975	5	45.595	62.750	.000 <sup>a</sup>
	Residual	44.324	61	.727		
	Total	272.299	66			

a. Predictors: (Constant), Z, X3, X4, X2, X1

b. Dependent Variable: Y

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-1.437	.779		-1.843	.070
	X1	.160	.067	.304	2.401	.019
	X2	.216	.096	.262	2.246	.028
	X3	.152	.066	.169	2.309	.024
	X4	.076	.129	.052	.590	.557
	Z	.050	.024	.221	2.042	.046

a. Dependent Variable: Y