

LAMPIRAN

Lampiran 1. Frekuensi Karakteristik Responden

Frequencies

JK

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Laki-laki	30	100,0	100,0	100,0

Umur

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 35	1	3,3	3,3	3,3
40	1	3,3	3,3	6,7
45	1	3,3	3,3	10,0
48	1	3,3	3,3	13,3
50	2	6,7	6,7	20,0
52	2	6,7	6,7	26,7
53	1	3,3	3,3	30,0
55	4	13,3	13,3	43,3
58	1	3,3	3,3	46,7
59	2	6,7	6,7	53,3
60	2	6,7	6,7	60,0
62	2	6,7	6,7	66,7
63	3	10,0	10,0	76,7
64	1	3,3	3,3	80,0
66	3	10,0	10,0	90,0
69	1	3,3	3,3	93,3
73	1	3,3	3,3	96,7
78	1	3,3	3,3	100,0
Total	30	100,0	100,0	

JT

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1	3	10,0	10,0	10,0
2	7	23,3	23,3	33,3
3	8	26,7	26,7	60,0
4	9	30,0	30,0	90,0
5	1	3,3	3,3	93,3
6	1	3,3	3,3	96,7
7	1	3,3	3,3	100,0
Total	30	100,0	100,0	

Lama_UT

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 5	2	6,7	6,7	6,7
8	1	3,3	3,3	10,0
9	1	3,3	3,3	13,3
15	3	10,0	10,0	23,3
20	4	13,3	13,3	36,7
25	4	13,3	13,3	50,0
29	1	3,3	3,3	53,3
30	1	3,3	3,3	56,7
32	2	6,7	6,7	63,3
37	1	3,3	3,3	66,7
40	2	6,7	6,7	73,3
43	1	3,3	3,3	76,7
45	4	13,3	13,3	90,0
50	2	6,7	6,7	96,7
51	1	3,3	3,3	100,0
Total	30	100,0	100,0	

Pendidikan

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid D1	1	3,3	3,3	3,3
D3	1	3,3	3,3	6,7
PGAN	1	3,3	3,3	10,0
Sarjana	1	3,3	3,3	13,3
SD	15	50,0	50,0	63,3
SLTA	3	10,0	10,0	73,3
SMA	2	6,7	6,7	80,0
SMP	4	13,3	13,3	93,3
STM	2	6,7	6,7	100,0
Total	30	100,0	100,0	

Lampiran 2. Analisis Regresi dan Deskripsi

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Lahan (X1)	60	215.00	15000.00	2.6512E3	3253.35948
Benih (X2)	60	2.00	102.00	15.4833	20.06979
Pupuk Urea (X3)	60	.00	600.00	71.1117	129.60605
Pupuk Phonska (X4)	60	.00	750.00	55.9050	140.40994
Pupuk TSP (X5)	60	.00	50.00	8.3950	14.53914
Pupuk ZA (X6)	60	10.00	45.00	30.3000	6.36276
Pupuk KCL (X7)	60	.00	25.00	3.0983	7.08963
Pupuk Kandang (X8)	60	.00	200.00	16.7550	50.94975
Pupuk Organik Cair (X9)	60	.00	1200.00	63.9033	222.50623
Tenaga Kerja (X10)	60	2.00	89.94	24.3959	16.13633
Pesitisida Cair (X11)	60	.04	2.40	.2613	.50222
Pestisida Padat (X12)	60	.00	.45	.1100	.06496
Hasil Produksi	60	150.00	12500.00	1.5837E3	2542.09712
valid N (listwise)	60				

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Dummy Musim (D), Pestisida Padat (X12), Pupuk Urea (X3), Pupuk Kandang (X8), Pupuk Organik Cair (X9), Pesitisida Cair (X11), Pupuk KCL (X7), Pupuk TSP (X5), Tenaga Kerja (X10), Benih (X2), Pupuk Phonska (X4), Pupuk ZA (X6), Lahan (X1) ^a		Enter

a. All requested variables entered.

b. Dependent Variable: Hasil Produksi (Y)

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.856 ^a	.734	.658	.61956

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1	.856 ^a	.734	.658	.61956

a. Predictors: (Constant), Dummy Musim (D), Pestisida Padat (X12), Pupuk Urea (X3), Pupuk Kandang (X8), Pupuk Organik Cair (X9), Pesitisisida Cair (X11), Pupuk KCL (X7), Pupuk TSP (X5), Tenaga Kerja (X10), Benih (X2), Pupuk Phonska (X4), Pupuk ZA (X6), Lahan (X1)

ANOVA^b

Model		Sum of Squares	Df	Mean Square	F	Sig.
1	Regression	48.614	13	3.740	9.742	.000 ^a
	Residual	17.657	46	.384		
	Total	66.271	59			

a. Predictors: (Constant), Dummy Musim (D), Pestisida Padat (X12), Pupuk Urea (X3), Pupuk Kandang (X8), Pupuk Organik Cair (X9), Pesitisisida Cair (X11), Pupuk KCL (X7), Pupuk TSP (X5), Tenaga Kerja (X10), Benih (X2), Pupuk Phonska (X4), Pupuk ZA (X6), Lahan (X1)

b. Dependent Variable: Hasil Produksi (Y)

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	T	Sig.
		B	Std. Error	Beta		
1	(Constant)	5.363	2.134		2.513	.016
	Lahan (X1)	.366	.146	.364	2.500	.016
	Benih (X2)	.442	.143	.375	3.084*	.003
	Pupuk Urea (X3)	.016	.050	.035	.324	.748
	Pupuk Phonska (X4)	-.018	.039	-.054	-.457**	.650
	Pupuk TSP (X5)	-.051	.038	-.123	-1.351**	.183
	Pupuk ZA (X6)	-.210	.491	-.050	-.428**	.671
	Pupuk KCL (X7)	-.055	.050	-.101	-1.103**	.276
	Pupuk Kandang (X8)	.015	.056	.032	.269	.789
	Pupuk Organik Cair (X9)	-.038	.033	-.111	-1.152**	.255
	Tenaga Kerja (X10)	.271	.161	.198	1.687	.098
	Pestisida Cair (X11)	.224	.116	.201	1.924	.061
	Pestisida Padat (X12)	.891	.361	.229	2.468	.017
	Dummy Musim (D)	-.199	.176	-.095	-1.133*	.263

a. Dependent Variable: Hasil Produksi (Y)

Lampiran 3. Analisis Efisiensi

Uraian	Rata-rata	Harga	Koefisien Regresi	Var bi
Lahan	2.651,2	214	0,366	0,02
Tenaga kerja	24,4	38793	0,271	0,02
Pestisida cair	0,3	8607	0,224	0,01
Pestisida padat	0,1	22000	0,891	0,13
Benih	15,5	9781	0,422	0,02

1. Lahan

$$\begin{aligned} \text{MPPX}_1 &= b \frac{Y}{x_1} \\ &= 0,366 \cdot \frac{1583,7}{2651} \\ &= 0,21 \end{aligned}$$

$$\begin{aligned} \text{NPM X}_1 &= \text{MPPX}_1 \cdot P_y \\ &= 0,21 \cdot 5529 \\ &= 1161,09 \end{aligned}$$

$$\begin{aligned} \frac{\text{NPMX}_1}{\text{PX}_1} &= \frac{1161,09}{214} \\ &= 5,42 \end{aligned}$$

$$\begin{aligned} \text{Var K} &= \left(\frac{K}{bi} \right)^2 \cdot \text{var bi} \\ &= \left(\frac{5,42}{0,366} \right)^2 \cdot 0,02 \\ &= 219,75 \cdot 0,02 \\ &= 4,39 \end{aligned}$$

$$\begin{aligned} \text{T hitung} &= \left(\frac{1-k}{\sqrt{\text{Var K}}} \right) \\ &= \left(\frac{1-5,42}{\sqrt{4,39}} \right) \\ &= -2,11 \end{aligned}$$

2. Benih

$$\begin{aligned} \text{MPPX}_2 &= b \frac{Y}{x_2} \\ &= 0,422 \cdot \frac{1583,7}{15,5} \\ &= 43,11 \end{aligned}$$

$$\begin{aligned} \text{NPM X}_2 &= \text{MPPX}_2 \cdot P_y \\ &= 43,11 \cdot 5529 \\ &= 238355 \end{aligned}$$

$$\begin{aligned} \frac{\text{NPMX}_2}{\text{PX}_2} &= \frac{238355}{9781} \\ &= 24,36 \end{aligned}$$

$$\begin{aligned}\text{Var K} &= \left(\frac{K}{bi}\right)^2 \cdot \text{var bi} \\ &= \left(\frac{24,36}{0,422}\right)^2 \cdot 0,02 \\ &= 66,69\end{aligned}$$

$$\begin{aligned}\text{T hitung} &= \left(\frac{1-k}{\sqrt{\text{Var K}}}\right) \\ &= \left(\frac{1-24,36}{\sqrt{66,69}}\right) \\ &= -2,86\end{aligned}$$

3. tenaga kerja

$$\begin{aligned}\text{MPPX}_3 &= b \frac{Y}{X^3} \\ &= 0,271 \cdot \frac{1583,7}{24,4} \\ &= 17,58\end{aligned}$$

$$\begin{aligned}\text{NPM X}_3 &= \text{MPPX}_1 \cdot P_y \\ &= 17,58 \cdot 5529 \\ &= 97199,82\end{aligned}$$

$$\begin{aligned}\frac{\text{NPMX}_3}{\text{PK}_3} &= \frac{97199,82}{38793} \\ &= 2,50\end{aligned}$$

$$\begin{aligned}\text{Var K} &= \left(\frac{K}{bi}\right)^2 \cdot \text{var bi} \\ &= \left(\frac{2,50}{0,271}\right)^2 \cdot 0,02 \\ &= 1,70\end{aligned}$$

$$\begin{aligned}\text{T hitung} &= \left(\frac{1-k}{\sqrt{\text{Var K}}}\right) \\ &= \left(\frac{1-2,50}{\sqrt{1,70}}\right) \\ &= -1,15\end{aligned}$$

4. Pestisida Cair

$$\begin{aligned}\text{MPPX}_4 &= b \frac{Y}{X^4} \\ &= 0,224 \cdot \frac{1583,7}{0,238}\end{aligned}$$

$$=1490,54$$

$$\begin{aligned} \text{NPM } X_4 &= \text{MPPX}_1 \cdot P_y \\ &= 1490,54 \cdot 5529 \\ &= 8241202 \end{aligned}$$

$$\begin{aligned} \frac{\text{NPMX}_4}{\text{PX}_4} &= \frac{8241202}{8607} \\ &= 957,4 \end{aligned}$$

$$\begin{aligned} \text{Var K} &= \left(\frac{K}{bi} \right)^2 \cdot \text{var bi} \\ &= \left(\frac{957,4}{0,224} \right)^2 \cdot 0,01 \\ &= 182679,91 \end{aligned}$$

$$\begin{aligned} \text{T hitung} &= \left(\frac{1-k}{\sqrt{\text{Var K}}} \right) \\ &= \left(\frac{1-957,4}{\sqrt{182679,91}} \right) \\ &= -2,23 \end{aligned}$$

5. Pestisida Padat

$$\begin{aligned} \text{MPPX}_5 &= b \frac{Y}{X_5} \\ &= 0,891 \cdot \frac{1588,7}{0,015} \\ &= 94071,78 \end{aligned}$$

$$\begin{aligned} \text{NPM } X_5 &= \text{MPPX}_5 \cdot P_y \\ &= 94071,78 \cdot 5529 \\ &= 520122871 \end{aligned}$$

$$\begin{aligned} \frac{\text{NPMX}_5}{\text{PX}_5} &= \frac{520122871}{22000} \\ &= 23641,94 \end{aligned}$$

$$\begin{aligned} \text{Var K} &= \left(\frac{K}{bi} \right)^2 \cdot \text{var bi} \\ &= \left(\frac{23641,94}{0,891} \right)^2 \cdot 0,13 \\ &= 91528108,17 \end{aligned}$$

$$\begin{aligned} T \text{ hitung} &= \left(\frac{1-k}{\sqrt{\text{Var } K}} \right) \\ &= \left(\frac{1-23641,94}{\sqrt{91528108,17}} \right) \\ &= -2,47 \end{aligned}$$