

LAMPIRAN

Lampiran 1. Hasil Analisis Regresi

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Tenaga kerja, Fungsida organik, Pupuk kandang, Benih, Pupuk organik cair, Pestisida organik, Luas lahan ^b		Enter

a. Dependent Variable: Produksi padi organik

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.848 ^a	.719	.661	.36506	1.510

a. Predictors: (Constant), Tenaga kerja, Fungsida organik, Pupuk kandang, Benih, Pupuk organik cair, Pestisida organik, Luas lahan

b. Dependent Variable: Produksi padi organik

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	11.587	7	1.655	12.420	.000 ^b
	Residual	4.531	34	.133		
	Total	16.118	41			

a. Dependent Variable: Produksi padi organik

b. Predictors: (Constant), Tenaga kerja, Fungisida organik, Pupuk kandang, Benih, Pupuk organik cair, Pestisida organik, Luas lahan

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients Beta	t	Sig.	99.0% Confidence Interval for B	
		B	Std. Error				Lower Bound	Upper Bound
1	(Constant)	1.371	1.463		.937	.355	-2.621	5.363
	Luas lahan	.905	.240	.966	3.769	.001	.250	1.560
	Benih	.353	.191	.236	1.843	.074	-.169	.875
	Pupuk kandang	-.209	.112	-.200	-1.874	.070	-.514	.095
	Pupuk organik cair	-.170	.218	-.186	-.778	.442	-.765	.426
	Pestisida organik	.042	.141	.038	.298	.768	-.342	.425
	Fungisida organik	-.244	.109	-.241	-2.227	.033	-.542	.055
	Tenaga kerja	-.070	.195	-.041	-.359	.722	-.603	.463

a. Dependent Variable: Produksi padi organik

Lampiran 2. Perhitungan Analisis Efisiensi

Uraian	Rata-rata	Harga	Koefisien Regresi	Sbi	Var bi	t hitung	t tabel
Luas lahan	2.103,57	1.000	0,905	0,240	0,057	-2,419	2,03
Benih	11,95	10.714	0,353	0,191	0,036	-2,811	2,03

Tingkat kesalahan: 5%

1. Luas Lahan

$$\begin{aligned} \text{NPMX}_1 &= \frac{b \cdot \bar{Y}}{\bar{X}} \\ &= \frac{0,905 \cdot 1.288,57}{2.103,57} \\ &= 0,5543 \end{aligned}$$

$$\begin{aligned} \frac{\text{NPM}}{P_x} &= \frac{\text{NPM}}{P_x} \times P_y \\ &= \frac{0,5543}{1.000} \times 4.986 \\ &= 2,7637 \end{aligned}$$

$$\begin{aligned} \text{Var K} &= \left(\frac{k}{b_1}\right)^2 \times \text{var } b_i \\ &= \left(\frac{2,7637}{0,905}\right)^2 \times 0,057 \\ &= 0,5315 \end{aligned}$$

$$\begin{aligned} t \text{ hitung} &= \frac{1-K}{\sqrt{\text{var } K}} \\ &= \frac{1-2,7637}{\sqrt{0,5315}} \\ &= \frac{-1,7639}{0,7290} \\ &= -2,4193 \end{aligned}$$

2. Benih

$$\begin{aligned} \text{NPMX}_1 &= \frac{b \cdot \bar{Y}}{\bar{X}} \\ &= \frac{0,353 \cdot 1.288,57}{11,95} \\ &= 38,064 \end{aligned}$$

$$\begin{aligned} \frac{\text{NPM}}{P_x} &= \frac{\text{NPM}}{P_x} \times P_y \\ &= \frac{38,064}{10,714} \times 4,986 \\ &= 17,713 \end{aligned}$$

$$\begin{aligned} \text{Var K} &= \left(\frac{k}{b_1}\right)^2 \times \text{var } b_i \\ &= \left(\frac{17,713}{0,353}\right)^2 \times 0,036 \\ &= 91,0887 \end{aligned}$$

$$\begin{aligned} t \text{ hitung} &= \frac{1-K}{\sqrt{\text{var K}}} \\ &= \frac{1-17,713}{\sqrt{91,088}} \\ &= \frac{-16,713}{5,944} \\ &= -2,811 \end{aligned}$$

Lampiran 3. Penentuan Interval Kelas (Rumus Struggess)

1. Interval kelas luas lahan

Menentukan banyaknya jangkauan/*range* (R)

$$R = X_{\max} - X_{\min}$$

$$= 6.000 - 250$$

$$= 5.750$$

Menentukan banyaknya kelas interval (K)

$$K = 1 + 3,3 \log N$$

$$= 1 + 3,3 \log 42$$

$$= 6,35$$

$$= 6 \text{ (dibulatkan)}$$

Menentukan interval kelas (P)

$$P = \frac{R}{K}$$

$$= \frac{5.750}{6,35} = 958$$

$$= 1.000 \text{ (dibulatkan)}$$