

DAFTAR PUSTAKA

- Adiwiganda. (1999). Curah Hujan Terhadap Pertumbuhan Kelapa Sawit. *Pusat Penelitian Kelapasawit. Medan, 1*(01), 50–59.
- Adi, P. 2020. *Kaya Dengan Bertani Kelapa Sawit*. Pustaka Baru Press.
- Corley, R. H. V. and P.B. Tinker. (2015). *The Oil Palm*. 5th Editions. Willey-Blackwell.
- Cha-um S., N. Yamada.,T.Takabe, and C. Kirdmanee. (2013). Physiological feature dan growth characters of oil palm (*Elaeis guineensis* Jacq). in response to reduced water deficit dan rewatering. *Australian Journal of Crop Science 7* (3): 432-439.
- Darlan, N. H., Pradiko, I., Winarna, & Siregar, H. H. (2016). Dampak El Niño 2015 terhadap Performa Tanaman Kelapa Sawit di Sumatera Bagian Tengah dan Selatan (Effect of El Niño 2015 on Oil Palm Performance in Central and Southern Sumatera). *Jurnal Tanah Dan Iklim, 40*(2), 113–120.
- Fauzi, W. R., & Susila Putra, E. T. (2019). Dampak Pemberian Kalium Dan Cekaman Kekeringan Terhadap Serapan Hara Dan Produksi Biomassa Bibit Kelapa Sawit (*Elaeis gueneensis* Jacq.). *Jurnal Penelitian Kelapa Sawit, 27*(1), 41–56. <https://doi.org/10.22302/iopri.jur.jpks.v27i1.74>
- Fitria, W., & Pratama, M. S. (2013). Pengaruh Fenomena El Nino 1997 Dan La Nina 1999 Terhadap Curah Hujan Di Biak. *Jurnal Meteorologi Dan Geofisika, 14*(2), 65–74. <https://doi.org/10.31172/jmg.v14i2.156>.
- Harahap dan Darnosakro. (1999). *Pendugaan Kebutuhan Air Untuk Pertumbuhan Kelapa Sawit Di Lapangan Dan Aplikasinya Dalam Pengembangan Irigasi*. *Jurnal Penelitian Kelapa Sawit*.
- Hidayat, A. M., Efendi, U., Agustina, L., & Winarso, P. A. (2018). Korelasi Indeks Nino 3.4 Dan Southern Oscillation Index (Soi) Dengan Variasi Curah

- Hujan Di Semarang. *Jurnal Sains & Teknologi Modifikasi Cuaca*, 19(2), 75.
<https://doi.org/10.29122/jstmc.v19i2.3143>.
- Keong, Y.K. and W.M. Keng. 2012. Statistical modeling of weather-based yield forecasting for yaoung mature oil palm. APCBEE Procedia 4:58-65.
- Lubis, M. Edwin Syahputra. (2016). Water Dynamics and Ground Water Quality Assessment in an Oil Dinamika air dan fase-fase perkembangan pembungaan penentu produktivitas kelapa sawit Palm Ecosystem. Ph.D Thesis. University Putra Malaysia, 123 p.
- Mangoensoekarjo, S. (2007). Manajemen Tanah Dan Pemupukan Budidaya Perkebunan. Gadjah Mada University Press. Yogyakarta.
- Nursyamsi, D., Raihan, S., Noor, M., Anwar, K., & Alwi, M. (2013). *Perubahan Iklim Dan Degradasi Lahan Gambut*. 16–24.
<http://repository.pertanian.go.id/handle/123456789/8305>.
- Pahan. (2012). *Panduan lengkap Kelapa Sawit. Manajemen Agribisnis Dari Hulu Hingga Hilir*. penebar swadya.
- Pardamean. (2011). Sukses Membuka Kebun Dan Pabrik Kelapa Sawit. Penebar Swadaya. Jakarta.
- Risza. (2010). *Masa Depan Perkebunan Kelapa Sawit Indonesia*. Penerbit Kanisius. Yogyakarta.
- Riski, W. F. (2021). Pengaruh Cekaman Kekeringan Terhadap Fisiologi Dan Produksi Kelapa Sawit. *WARTA Pusat Penelitian Kelapa Sawit*, 26(3), 142–153. <https://doi.org/10.22302/iopri.war.warta.v26i3.45>.
- Romero, H. M., Ayala D., I. M., & Ruíz R.,R. (2007). Ecofisiología de la palmade aceite. *Revista Palmas*, 28(especial), 176–184.
- Siregar, H. H. (2006). Hujan Sebagai Faktor Penting Untuk Perkebunan Kelapa Sawit. *Seri Buku Saku 25. Pusat Penelitian Kelapa Sawit. Medan*.

Sunarko. (2008). *Petunjuk Praktis Budidaya & Pengelolaan Kelapa Sawit*. PT Agro Media Pustaka. Jakarta.

LAMPIRAN

Correlations LAG 0			
Notes			
Output Created		29-AUG-2023 18:10:43	
Comments			
Input	Active Dataset	DataSet0	
	Filter	<none>	
	Weight	<none>	
	Split File	<none>	
	N of Rows in Working Data File	10	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.	
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.	
Syntax		CORRELATIONS /VARIABLES=x y /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.	
Resources	Processor Time	00:00:00.00	
	Elapsed Time	00:00:00.05	
Correlations			
		defisit_air	produktivitas
defisit_air	Pearson Correlation	1	-0.295
	Sig. (2-tailed)		0.408
	N	10	10
produktivitas	Pearson Correlation	-0.295	1
	Sig. (2-tailed)	0.408	
	N	10	10

Regression LAG 0						
Notes						
Output Created		29-AUG-2023 18:57:43				
Comments						
Input	Active Dataset	DataSet0				
	Filter	<none>				
	Weight	<none>				
	Split File	<none>				
	N of Rows in Working Data File	10				
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.				
	Cases Used	Statistics are based on cases with no missing values for any variable used.				
Syntax	<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT y /METHOD=ENTER x </pre>					
Resources	Processor Time	00:00:00.02				
	Elapsed Time	00:00:00.06				
	Memory Required	2400 bytes				
	Additional Memory Required for Residual Plots	0 bytes				
Variables Entered/Removed^a						
Model	Variables Entered	Variables Removed	Method			
1	defisit_air ^b		Enter			
a. Dependent Variable: produktivitas						
b. All requested variables entered.						
Model Summary						
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate		
1	.295 ^a	0.087	-0.027	221734.04202		
a. Predictors: (Constant), defisit_air						
ANOVA^a						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	37506075013.172	1	37506075013.172	0.763	.408 ^b
	Residual	393327883140.428	8	49165985392.554		
	Total	430833958153.600	9			
a. Dependent Variable: produktivitas						
b. Predictors: (Constant), defisit_air						
Coefficients^a						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2381175.179	76677.490		31.054	0.000
	defisit_air	-839.059	960.670	-0.295	-0.873	0.408
a. Dependent Variable: produktivitas						

Correlations LAG 1			
Notes			
Output Created		29-AUG-2023 18:11:47	
Comments			
Input	Active Dataset	DataSet0	
	Filter	<none>	
	Weight	<none>	
	Split File	<none>	
	N of Rows in Working Data File	9	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.	
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.	
Syntax		CORRELATIONS /VARIABLES=x y /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.	
Resources	Processor Time	00:00:00.02	
	Elapsed Time	00:00:00.02	
Correlations			
		defisit_air	produktivitas
defisit_air	Pearson Correlation	1	-0.610
	Sig. (2-tailed)		0.081
	N	9	9
produktivitas	Pearson Correlation	-0.610	1
	Sig. (2-tailed)	0.081	
	N	9	9

Regression LAG 1						
Notes						
Output Created		29-AUG-2023 18:58:34				
Comments						
Input	Active Dataset	DataSet0				
	Filter	<none>				
	Weight	<none>				
	Split File	<none>				
	N of Rows in Working Data File	9				
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.				
	Cases Used	Statistics are based on cases with no missing values for any variable used.				
Syntax	<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT y /METHOD=ENTER x </pre>					
Resources	Processor Time	00:00:00.03				
	Elapsed Time	00:00:00.34				
	Memory Required	2400 bytes				
	Additional Memory Required for Residual Plots	0 bytes				
Variables Entered/Removed^a						
Model	Variables Entered	Variables Removed	Method			
1	defisit_air ^b		Enter			
a. Dependent Variable: produktivitas						
b. All requested variables entered.						
Model Summary						
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate		
1	.610 ^a	0.373	0.283	164636.14426		
a. Predictors: (Constant), defisit_air						
ANOVA^a						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	112718156850.096	1	112718156850.096	4.159	.081 ^b
	Residual	189735419980.126	7	27105059997.161		
	Total	302453576830.222	8			
a. Dependent Variable: produktivitas						
b. Predictors: (Constant), defisit_air						
Coefficients^a						
Model	Unstandardized Coefficients			Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	2317727.635	60675.952		38.198	0.000
	defisit_air	-1470.673	721.181	-0.610	-2.039	0.081
a. Dependent Variable: produktivitas						

Correlations 2			
Notes			
Output Created		29-AUG-2023 18:13:54	
Comments			
Input	Active Dataset	DataSet0	
	Filter	<none>	
	Weight	<none>	
	Split File	<none>	
	N of Rows in Working Data File	8	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.	
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.	
Syntax		CORRELATIONS /VARIABLES=x y /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.	
Resources	Processor Time	00:00:00.00	
	Elapsed Time	00:00:00.02	
Correlations			
		defisit_air	produktivitas
defisit_air	Pearson Correlation	1	0.087
	Sig. (2-tailed)		0.838
	N	8	8
produktivitas	Pearson Correlation	0.087	1
	Sig. (2-tailed)	0.838	
	N	8	8

Regression LAG 2						
Notes						
Output Created	29-AUG-2023 18:59:17					
Comments						
Input	Active Dataset	DataSet0				
	Filter	<none>				
	Weight	<none>				
	Split File	<none>				
	N of Rows in Working Data File	8				
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.				
	Cases Used	Statistics are based on cases with no missing values for any variable used.				
Syntax	<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT y /METHOD=ENTER x </pre>					
Resources	Processor Time	00:00:00.02				
	Elapsed Time	00:00:00.09				
	Memory Required	2400 bytes				
	Additional Memory Required for Residual Plots	0 bytes				
Variables Entered/Removed^a						
Model	Variables Entered	Variables Removed	Method			
1	defisit_air ^b		Enter			
a. Dependent Variable: produktivitas						
b. All requested variables entered.						
Model Summary						
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate		
1	.087 ^a	0.008	-0.158	215798.04777		
a. Predictors: (Constant), defisit_air						
ANOVA^a						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2112190063.420	1	2112190063.420	0.045	.838 ^b
	Residual	279412784520.080	6	46568797420.013		
	Total	281524974583.500	7			
a. Dependent Variable: produktivitas						
b. Predictors: (Constant), defisit_air						
Coefficients^a						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2361702.933	85553.606		27.605	0.000
	defisit_air	204.178	958.715	0.087	0.213	0.838
a. Dependent Variable: produktivitas						