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LAMPIRAN

Lampiran 1. Hasil analisis regresi kemiringan lahan terhadap produksi 2016
SUMMARY OUTPUT

<i>Regression Statistics</i>					
Multiple R	0,963411				
R Square	0,928161				
Adjusted R Square	0,892241				
Standard Error	0,274744				
Observations	4				

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	1,950507	1,950507	25,83995	0,036589
Residual	2	0,150968	0,075484		
Total	3	2,101475			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	22,72678	0,261197	87,01003
X Variable 1	-0,05252	0,010333	-5,0833

Lampiran 2. Hasil analisis regresi kemiringan lahan terhadap produksi 2017
SUMMARY OUTPUT

<i>Regression Statistics</i>					
Multiple R	0,963196				
R Square	0,927746				
Adjusted R Square	0,891619				
Standard Error	0,797031				
Observations	4				

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	16,31356	16,31356	25,6802	0,036804
Residual	2	1,270516	0,635258		
Total	3	17,58408			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	24,0234	0,757732	31,70434
X Variable 1	-0,1519	0,029975	-5,06756

Lampiran 3. Hasil analisis regresi kemiringan lahan terhadap produksi 2018
SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,9804
R Square	0,961184
Adjusted R Square	0,941776
Standard Error	0,379675
Observations	4

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	7,139168	7,139168	49,52483	0,0196
Residual	2	0,288307	0,144153		
Total	3	7,427475			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	20,10299	0,360955	55,6939
X Variable 1	-0,10049	0,014279	7,03739

Lampiran 4. Hasil analisis regresi kemiringan lahan terhadap produksi 2019
SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,948129
R Square	0,89895
Adjusted R Square	0,848424
Standard Error	0,66666
Observations	4

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	7,90743	7,90743	17,79209	0,051871
Residual	2	0,88887	0,444435		
Total	3	8,7963			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	20,99877	0,633789	33,1321
X Variable 1	-0,10576	0,025072	4,21807

Lampiran 5. Hasil analisis regresi kemiringan lahan terhadap produksi 2020

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,996464
R Square	0,992941
Adjusted R Square	0,989412
Standard Error	0,111068
Observations	4

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	3,470603	3,470603	281,3379	0,003536

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	20,24387	0,105592	191,7187
X Variable 1	-0,07006	0,004177	-16,7731

Lampiran 6. Hasil analisis regresi kemiringan lahan terhadap produksi 2021
SUMMARY OUTPUT

<i>Regression Statistics</i>					
Multiple R		0,955375			
R Square		0,912742			
Adjusted R Square		0,869113			
Standard Error		0,384278			
Observations		4			

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	3,089336	3,089336	20,92057	0,044625
Residual	2	0,295339	0,14767		
Total	3	3,384675			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	18,34872	0,365331	50,22493
X Variable 1	-0,0661	0,014452	-4,5739

Lampiran 7. Hasil analisis regresi pH tanah terhadap produksi 2021-2022
SUMMARY OUTPUT

<i>Regression Statistics</i>					
Multiple R		0,362731			
R Square		0,131574			
Adjusted R Square		-0,30264			
Standard Error		1,153908			
Observations		4			

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	0,403467	0,403467	0,303016	0,637269
Residual	2	2,663008	1,331504		
Total	3	3,066475			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	-21,1733	68,05492	-0,31112
X Variable			
1	5,65873	10,27983	0,550469

Lampiran 8. Hasil analisis regresi pupuk 2015 terhadap produksi 2016
SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,553942
R Square	0,3068518
Adjusted R Square	-0,039722
Standard Error	0,8534148
Observations	4

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	0,6448	0,644841	0,88539	0,44606
Residual	2	1,4566	0,728317		
Total	3	2,1015			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	20,550033	1,1922	17,23733
X Variable			
1	0,0450674	0,0479	0,940949

Lampiran 9. Hasil analisis regresi pupuk 2016 terhadap produksi 2017
SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,8136871
R Square	0,6620867
Adjusted R Square	0,49313
Standard Error	1,7236435
Observations	4

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	11,64218	11,64218	3,91868	0,186313
Residual	2	5,941893	2,970947		
Total	3	17,58408			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	18,7705	1,322974	14,1881
X Variable 1	0,069747	0,035234	1,97956

Lampiran 10. Hasil analisis regresi pupuk 2017 terhadap produksi 2018

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,449246
R Square	0,201822
Adjusted R Square	-0,19727
Standard Error	1,721692
Observations	4

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	1,49903	1,49903	0,50571	0,55075
Residual	2	5,92844	2,964222		
Total	3	7,42748			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	16,89919	1,70103	9,934691
X Variable 1	0,031648	0,0445	0,711131

Lampiran 11. Hasil analisis regresi pupuk 2018 terhadap produksi 2019
SUMMARY OUTPUT

<i>Regression Statistics</i>					
Multiple R	0,82939				
R Square	0,68788				
Adjusted R Square	0,53183				
Standard Error	1,17164				
Observations	4				

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	6,05084	6,05084	4,40788	0,17061
Residual	2	2,74546	1,37273		
Total	3	8,7963			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	15,8532	1,48803	10,6538
X Variable 1	0,09428	0,0449	2,09949

Lampiran 12. Hasil analisis regresi pupuk 2019 terhadap produksi 2020
SUMMARY OUTPUT

<i>Regression Statistics</i>					
Multiple R	0,78935				
R Square	0,62307				
Adjusted R Square	0,43461				
Standard Error	0,81163				
Observations	4				

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	2,1778	2,1778	3,30603	0,21065
Residual	2	1,31747	0,65874		
Total	3	3,49528			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	17,4341	0,82375	21,1642
X Variable			
1	0,05677	0,03122	1,81825

Lampiran 13. Hasil analisis regresi pupuk 2020 terhadap produksi 2021
SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,556128
R Square	0,309278
Adjusted R Square	-0,03608
Standard Error	1,081173
Observations	4

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	1,046806	1,046806	0,89552	0,443872273
Residual	2	2,337869	1,168935		
Total	3	3,384675			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	15,99953	1,119743	14,28857
X Variable			
1	0,065171	0,068868	0,94632

Lampiran 14. Hasil analisis regresi kemiringan lahan terhadap tinggi tanaman
SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,937155
R Square	0,87826
Adjusted R Square	
Square	0,817391
Standard Error	0,180842
Observations	4

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	0,471867	0,471867	14,42851	0,062845
Residual	2	0,065408	0,032704		
Total	3	0,537275			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	10,01206	0,171925	58,23491
X Variable 1	0,025835	0,006801	3,798488

Lampiran 15. Hasil analisis regresi kemiringan lahan terhadap lingkaran batang

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,923518
R Square	0,852886
Adjusted R Square	0,779329
Standard Error	0,039209
Observations	4

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	0,017825	0,017825	11,5949	0,076482
Residual	2	-3075	-1537		
Total	3	0,0209			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	1,767044	0,037276	47,40471
X Variable 1	0,005021	0,001475	3,405129

Lampiran 16. Hasil analisis regresi kemiringan lahan terhadap lebar piringan

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,832775
R Square	0,693514
Adjusted R Square	0,540271
Standard Error	0,01158
Observations	4

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	-0607	-0607	4,52558	0,167225
Residual	2	-0268	-0134		
Total	3	-0875			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	2,002581	0,011009	181,9093
X Variable 1	0,000926	0,000435	2,127341

Lampiran 17. Hasil analisis regresi kemiringan lahan terhadap jumlah tandan
SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,973932
R Square	0,948544
Adjusted R Square	0,922816
Standard Error	0,16259
Observations	4

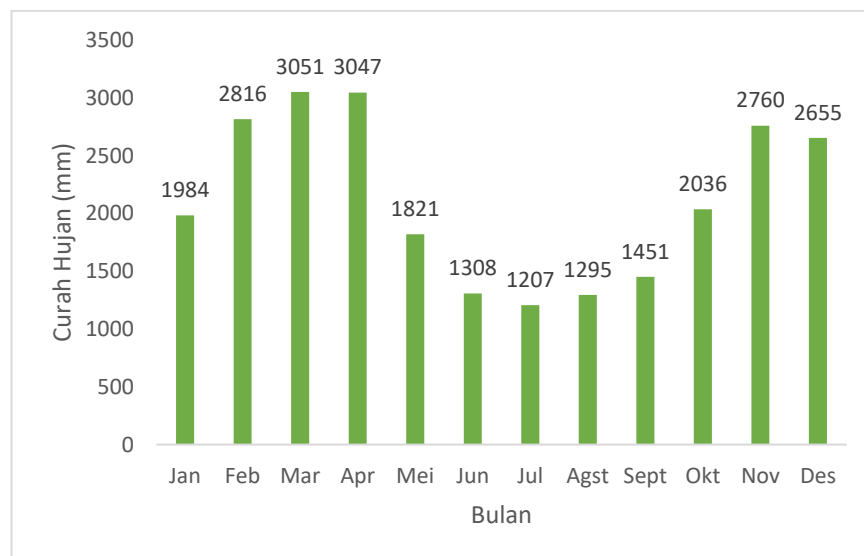
ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	0,974629	0,974629	36,86798	0,026068
Residual	2	0,052871	0,026436		
Total	3	1,0275			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>
Intercept	4,123267	0,154574	26,67509
X Variable 1	-0,03713	0,006115	-6,0719

Lampiran 18. Hari Hujan, Curah Hujan, dan Defisit Air pada 2012-2021

Tahun Pengamatan	Hari Hujan	Curah Hujan (mm)	Defisit air	Bulan Kering	Bulan Lembab	Bulan Basah
2012	144	4795	0	1	1	10
2013	157	1709	0	2	0	10
2014	155	2502	18	1	2	9
2015	172	3241	129	1	2	9
2016	253	4207	0	1	0	11
2017	259	3631	0	0	0	12
2018	118	1201	315	1	6	5
2019	119	1078	502	3	5	4
2020	142	1566	26	0	6	6
2021	143	1499	96	2	3	7
Rerata	171	2543		1	3	8

Lampiran 19. Sebaran curah hujan bulanan Kebun SBNE tahun 2012-2021



Lampiran 20. Foto kegiatan penelitian



1. Kemiringan lahan Datar



2. Kemiringan lahan Landai



3. Kemiringan lahan Curam



4. Kemiringan lahan Sangat Curam



5. pH Datar



6. pH Landai



7. pH Curam



8. pH Sangat Curam



9. Pemupuk Lahan Datar



10. Pemupukan Lahan Landai



11. Pemupukan Lahan Curam



12. Pemupukan Lahan Sangat Curam



13. Tinggi Datar



14. Tinggi Landai



15. Tinggi Curam



16. Tinggi Sangat Curam



17. Lingkar Batang Datar



18. Lingkar Batang Landai



19. Lingkar Batang Curam



20. Lingkar Batang Sangat Curam



21. Lebar Piringan Datar



22. Lebar Piringan Landai



23. Lebar Piringan Curam



24. Lebar Piringan Sangat Curam



25. Jumlah Tandan Datar



26. Jumlah Tandan Landai



27. Jumlah Tandan Curam



28. Jumlah Tandan Sangat Curam