

Lampiran 14. Hasil regresi faktor-faktor yang mempengaruhi produksi padi sawah di lahan irigasi teknis pada musim rendeng di Kecamatan Purbolingo tahun 2012

Model Summary^g

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics					Durbin-Watson
					R Square Change	F Change	df1	df2	Sig. F Change	
1	.999 ^a	.999	.999	.01656	.999	4277,200	7	32	.000	2,005
2	.999 ^b	.999	.999	.01631	.000	.004	1	32	.947	
3	.999 ^c	.999	.999	.01608	.000	.053	1	33	.820	
4	.999 ^d	.999	.999	.01597	.000	.515	1	34	.478	
5	.999 ^e	.999	.999	.01616	.000	1,875	1	35	.180	
6	.999 ^f	.999	.999	.01638	.000	2,030	1	36	.163	

ANOVA^g

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	8,210	7	1,173	4277,200	.000 ^a
Residual	.009	32	.000		
Total	8,219	39			
2 Regression	8,210	6	1,368	5145,286	.000 ^b
Residual	.009	33	.000		
Total	8,219	39			
3 Regression	8,210	5	1,642	6351,318	.000 ^c
Residual	.009	34	.000		
Total	8,219	39			
4 Regression	8,210	4	2,052	8050,591	.000 ^d
Residual	.009	35	.000		
Total	8,219	39			
5 Regression	8,209	3	2,736	10478,727	.000 ^e
Residual	.009	36	.000		
Total	8,219	39			
6 Regression	8,209	2	4,104	15291,555	.000 ^f
Residual	.010	37	.000		
Total	8,219	39			

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	80,0% Confidence Interval for B		Correlations			Collinearity Statistics	
	B	Std. Error	Beta			Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance	VIF
1 (Constant)	5,912	,238		24,842	,000	5,601	6,223					
lnluaslahan	,223	,074	,230	3,018	,005	,126	,320	,987	,471	,017	,006	174,796
lnbenih	,750	,083	,760	9,049	,000	,641	,858	,996	,848	,052	,005	211,219
lnurea	,001	,021	,002	,067	,947	-,026	,029	,899	,012	,000	,062	16,153
lnNPK	,001	,001	,005	,718	,478	-,001	,002	,361	,126	,004	,792	1,262
lnSP36	,000	,001	,001	,179	,859	-,001	,001	-,008	,032	,001	,637	1,570
lnpupukorganik	-,002	,001	-,024	-1,689	,101	-,003	,000	,030	-,286	-,010	,169	5,913
lnTK	,011	,009	,016	1,204	,238	-,001	,023	,793	,208	,007	,201	4,978
2 (Constant)	5,904	,203		29,054	,000	5,638	6,170					
lnluaslahan	,220	,058	,227	3,783	,001	,144	,296	,987	,550	,022	,009	111,663
lnbenih	,754	,055	,764	13,786	,000	,682	,825	,996	,923	,078	,011	94,857
lnNPK	,001	,001	,005	,743	,463	,000	,002	,361	,128	,004	,804	1,243
lnSP36	,000	,001	,001	,229	,820	-,001	,001	-,008	,040	,001	,762	1,313
lnpupukorganik	-,002	,001	-,024	-1,794	,082	-,003	-,001	,030	-,298	-,010	,181	5,516
lnTK	,011	,008	,016	1,352	,185	,000	,022	,793	,229	,008	,236	4,241
3 (Constant)	5,902	,200		29,486	,000	5,640	6,164					
lnluaslahan	,219	,057	,227	3,830	,001	,144	,294	,987	,549	,021	,009	111,433
lnbenih	,755	,054	,765	14,078	,000	,685	,825	,996	,924	,079	,011	93,888
lnNPK	,001	,001	,004	,718	,478	,000	,002	,361	,122	,004	,869	1,151
lnpupukorganik	-,002	,001	-,025	-1,903	,066	-,003	-,001	,030	-,310	-,011	,189	5,300
lnTK	,011	,008	,015	1,356	,184	,000	,021	,793	,226	,008	,250	3,993
4 (Constant)	5,895	,199		29,692	,000	5,636	6,154					
lnluaslahan	,218	,057	,225	3,834	,001	,144	,292	,987	,544	,021	,009	111,298
lnbenih	,758	,053	,768	14,274	,000	,689	,827	,996	,924	,079	,011	93,339
lnpupukorganik	-,002	,001	-,025	-1,939	,061	-,003	-,001	,030	-,311	-,011	,189	5,295
lnTK	,011	,008	,015	1,369	,180	,000	,021	,793	,226	,008	,250	3,993
5 (Constant)	6,066	,156		38,818	,000	5,862	6,270					
lnluaslahan	,265	,046	,274	5,782	,000	,205	,325	,987	,694	,033	,014	70,625
lnbenih	,722	,047	,732	15,448	,000	,661	,783	,996	,932	,087	,014	70,601
lnpupukorganik	-,001	,001	-,016	-1,425	,163	-,002	,000	,030	-,231	-,008	,255	3,916
6 (Constant)	6,259	,079		79,360	,000	6,156	6,362					
lnluaslahan	,321	,024	,332	13,611	,000	,290	,352	,987	,913	,078	,055	18,222
lnbenih	,665	,024	,674	27,611	,000	,633	,696	,996	,977	,158	,055	18,222

Coefficient Correlations^a

Model		lnTK	lnpupuk organik	lnNPK	lnSP36	lnurea	lnluas lahan	lnbenih
1	Correlations	lnTK	1,000	-,490	,103	,360	-,385	-,655
		lnpupukorganik	-,490	1,000	,047	,070	,259	-,770
		lnNPK	,103	,047	1,000	,297	-,123	-,038
		lnSP36	,360	,070	,297	1,000	-,405	-,210
		lnurea	-,385	,259	-,123	-,405	1,000	,601
		lnluaslahan	-,655	,842	-,038	-,210	,601	1,000
		lnbenih	,565	-,770	,024	,239	-,742	-,973
	Covariances	lnTK	,000	,000	,000	,000	,000	,000
		lnpupukorganik	,000	,000	,000	,000	,000	,000
		lnNPK	,000	,000	,000	,000	,000	,000
		lnSP36	,000	,000	,000	,000	,000	,000
		lnurea	,000	,000	,000	,000	,001	-,001
		lnluaslahan	,000	,000	,000	,000	,001	-,006
		lnbenih	,000	,000	,000	,000	-,001	-,006
2	Correlations	lnTK	1,000	-,438	,060	,242		-,575
		lnpupukorganik	-,438	1,000	,082	,198		,889
		lnNPK	,060	,082	1,000	,272		,046
		lnSP36	,242	,198	,272	1,000		,045
		lnluaslahan	-,575	,889	,046	,045	1,000	-,984
		lnbenih	,451	-,893	-,101	-,101	-,984	1,000
	Covariances	lnTK	,000	,000	,000	,000		,000
		lnpupukorganik	,000	,000	,000	,000		,000
		lnNPK	,000	,000	,000	,000		,000
		lnSP36	,000	,000	,000	,000		,000
		lnluaslahan	,000	,000	,000	,000		,003
		lnbenih	,000	,000	,000	,000		-,003
3	Correlations	lnTK	1,000	-,510	-,006			-,604
		lnpupukorganik	-,510	1,000	,030			,899
		lnNPK	-,006	,030	1,000			,035
		lnluaslahan	-,604	,899	,035		1,000	-,985
		lnbenih	,493	-,895	-,077		-,985	1,000
	Covariances	lnTK	,000	,000	,000			,000
		lnpupukorganik	,000	,000	,000			,000
		lnNPK	,000	,000	,000			,000
		lnluaslahan	,000	,000	,000			,003
		lnbenih	,000	,000	,000			-,003
4	Correlations	lnTK	1,000	-,510				-,605
		lnpupukorganik	-,510	1,000				,899
		lnluaslahan	-,605	,899			1,000	-,986
		lnbenih	,494	-,896			-,986	1,000
	Covariances	lnTK	,000	,000				,000
		lnpupukorganik	,000	,000				,000
		lnluaslahan	,000	,000				,003
		lnbenih	,000	,000				-,003
5	Correlations	lnpupukorganik		1,000				,861
		lnluaslahan		,861			1,000	-,993
		lnbenih		-,861			-,993	1,000
	Covariances	lnpupukorganik		,000				,000
		lnluaslahan		,000				,002
		lnbenih		,000				-,002
6	Correlations	lnluaslahan					1,000	-,972
		lnbenih					-,972	1,000
	Covariances	lnluaslahan					,001	-,001
		lnbenih					-,001	,001