

Lampiran 15. Hasil regresi faktor-faktor yang mempengaruhi produksi padi sawah di lahan irigasi teknis musim gadu di Kecamatan Purbolinggo tahun 2012

**Model Summary<sup>g</sup>**

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	.980 <sup>a</sup>	.960	.951	.10823	.960	109,152	7	32	.000	1,526
2	.979 <sup>b</sup>	.959	.952	.10742	-,001	.508	1	32	.481	
3	.979 <sup>c</sup>	.958	.952	.10737	-,001	.971	1	33	.332	
4	.978 <sup>d</sup>	.956	.951	.10807	-,002	1,458	1	34	.236	
5	.977 <sup>e</sup>	.955	.951	.10809	-,001	1,010	1	35	.322	
6	.975 <sup>f</sup>	.951	.949	.11066	-,003	2,782	1	36	.104	

**ANOVA<sup>g</sup>**

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	8,950	7	1,279	109,152	.000 <sup>a</sup>
Residual	.375	32	.012		
Total	9,325	39			
2 Regression	8,944	6	1,491	129,185	.000 <sup>b</sup>
Residual	.381	33	.012		
Total	9,325	39			
3 Regression	8,933	5	1,787	154,960	.000 <sup>c</sup>
Residual	.392	34	.012		
Total	9,325	39			
4 Regression	8,916	4	2,229	190,836	.000 <sup>d</sup>
Residual	.409	35	.012		
Total	9,325	39			
5 Regression	8,904	3	2,968	254,043	.000 <sup>e</sup>
Residual	.421	36	.012		
Total	9,325	39			
6 Regression	8,871	2	4,436	362,224	.000 <sup>f</sup>
Residual	.453	37	.012		
Total	9,325	39			

Coefficients<sup>a</sup>

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)	8,144	,857		9,508	,000	7,023	9,265					
lnX1	1,003	,250	,974	4,012	,000	,676	1,330	,923	,579	,142	,021	46,903
lnX2	-,183	,257	-,177	-,713	,481	-,519	,153	,906	-,125	-,025	,020	48,844
lnX3	,068	,038	,097	1,783	,084	,018	,119	,692	,301	,063	,426	2,346
lnX4	,006	,008	,030	,751	,458	-,004	,015	,213	,132	,027	,800	1,250
lnX5	,005	,004	,054	1,363	,183	,000	,010	-,034	,234	,048	,795	1,257
lnX6	,028	,003	,326	8,671	,000	,024	,032	,227	,838	,307	,887	1,127
nX7	,074	,057	,094	1,303	,202	,000	,149	,808	,225	,046	,242	4,136
2 (Constant)	7,578	,316		23,954	,000	7,164	7,991					
lnX1	,834	,080	,810	10,464	,000	,730	,939	,923	,877	,368	,206	4,843
lnX3	,072	,038	,101	1,892	,067	,022	,121	,692	,313	,067	,432	2,314
lnX4	,007	,007	,037	,985	,332	-,002	,016	,213	,169	,035	,861	1,161
lnX5	,006	,004	,058	1,473	,150	,001	,010	-,034	,248	,052	,808	1,238
lnX6	,028	,003	,328	8,804	,000	,024	,032	,227	,837	,310	,891	1,122
nX7	,060	,053	,076	1,133	,265	-,009	,130	,808	,194	,040	,276	3,629
3 (Constant)	7,639	,310		24,638	,000	7,234	8,044					
lnX1	,847	,079	,822	10,756	,000	,744	,950	,923	,879	,378	,212	4,724
lnX3	,062	,037	,088	1,702	,098	,015	,110	,692	,280	,060	,460	2,173
lnX5	,005	,004	,052	1,349	,186	,000	,010	-,034	,225	,047	,824	1,214
lnX6	,028	,003	,331	8,925	,000	,024	,032	,227	,837	,314	,898	1,114
nX7	,064	,053	,081	1,208	,236	-,005	,133	,808	,203	,042	,277	3,610
4 (Constant)	7,942	,183		43,363	,000	7,703	8,181					
lnX1	,917	,053	,890	17,159	,000	,847	,987	,923	,945	,607	,465	2,148
lnX3	,062	,037	,087	1,668	,104	,013	,110	,692	,271	,059	,460	2,172
lnX5	,004	,004	,037	1,005	,322	-,001	,008	-,034	,167	,036	,921	1,085
lnX6	,029	,003	,335	9,000	,000	,024	,033	,227	,836	,319	,904	1,106
5 (Constant)	7,937	,183		43,346	,000	7,698	8,177					
lnX1	,917	,053	,890	17,153	,000	,847	,987	,923	,944	,607	,465	2,148
lnX3	,062	,037	,087	1,668	,104	,013	,110	,692	,268	,059	,460	2,172
lnX6	,028	,003	,325	9,078	,000	,024	,032	,227	,834	,321	,980	1,021
6 (Constant)	8,238	,034		240,826	,000	8,193	8,282					
lnX1	,982	,038	,953	26,176	,000	,933	1,031	,923	,974	,949	,991	1,009
lnX6	,027	,003	,318	8,743	,000	,023	,031	,227	,821	,317	,991	1,009

Coefficient Correlations<sup>a</sup>

Model		lnX7	lnX6	lnX4	lnX5	lnX3	lnX1	lnX2		
1	Correlations	lnX7	1,000	-,096	-,158	,246	-,039	,116	-,350	
		lnX6	-,096	1,000	-,064	,226	,082	-,041	,066	
		lnX4	-,158	-,064	1,000	,166	,267	-,302	,268	
		lnX5	,246	,226	,166	1,000	,054	-,198	,124	
		lnX3	-,039	,082	,267	,054	1,000	-,277	,116	
		lnX1	,116	-,041	-,302	-,198	-,277	1,000	-,947	
		lnX2	-,350	,066	,268	,124	,116	-,947	1,000	
	Covariances	lnX7	,003	,000	,000	,000	,000	,002	-,005	
		lnX6	,000	,000	,000	,000	,000	,000	,000	
		lnX4	,000	,000	,000	,000	,000	-,001	,001	
		lnX5	,000	,000	,000	,000	,000	,000	,000	
		lnX3	,000	,000	,000	,000	,001	-,003	,001	
		lnX1	,002	,000	-,001	,000	-,003	,063	-,061	
		lnX2	-,005	,000	,001	,000	,001	-,061	,066	
2	Correlations	lnX7	1,000	-,078	-,072	,311	,002	-,716		
		lnX6	-,078	1,000	-,086	,220	,075	,068		
		lnX4	-,072	-,086	1,000	,139	,247	-,157		
		lnX5	,311	,220	,139	1,000	,040	-,254		
		lnX3	,002	,075	,247	,040	1,000	-,523		
		lnX1	-,716	,068	-,157	-,254	-,523	1,000		
		lnX2								
	Covariances	lnX7	,003	,000	,000	,000	,000	-,003		
		lnX6	,000	,000	,000	,000	,000	,000		
		lnX4	,000	,000	,000	,000	,000	,000		
		lnX5	,000	,000	,000	,000	,000	,000		
		lnX3	,000	,000	,000	,000	,001	-,002		
		lnX1	-,003	,000	,000	,000	-,002	,006		
		lnX2								
3	Correlations	lnX7	1,000	-,084		,325	,020	-,738		
		lnX6	-,084	1,000		,235	,099	,055		
		lnX5	,325	,235		1,000	,006	-,238		
		lnX3	,020	,099		,006	1,000	-,506		
		lnX1	-,738	,055		-,238	-,506	1,000		
		lnX2								
		lnX2								
	Covariances	lnX7	,003	,000		,000	,000	-,003		
		lnX6	,000	,000		,000	,000	,000		
		lnX5	,000	,000		,000	,000	,000		
		lnX3	,000	,000		,000	,001	-,001		
		lnX1	-,003	,000		,000	-,001	,006		
		lnX2								
		lnX2								
4	Correlations	lnX6		1,000		,278	,101	-,010		
		lnX5		,278		1,000	-,001	,004		
		lnX3		,101		-,001	1,000	-,728		
		lnX1		-,010		,004	-,728	1,000		
	Covariances	lnX6		,000		,000	,000	,000		
		lnX5		,000		,000	,000	,000		
		lnX3		,000		,000	,001	-,001		
		lnX1		,000		,000	-,001	,003		
	5	Correlations	lnX6		1,000			,106	-,012	
			lnX3		,106			1,000	-,728	
lnX1				-,012			-,728	1,000		
Covariances		lnX6		,000			,000	,000		
		lnX3		,000			,001	-,001		
lnX1		,000			-,001	,003				
6	Correlations	lnX6		1,000				,096		
		lnX1		,096				1,000		
	Covariances	lnX6		,000				,000		
		lnX1		,000				,001		