

Lampiran 17. Hasil regresi faktor-faktor yang mempengaruhi produksi padi sawah di lahan irigasi desa musim gadu di Kecamatan Purbolinggo tahun 2012

Model Summary <sup>c</sup>										
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics					
					R Square Change	F Change	df1	df2	Sig. F Change	Durbin-Watson
1	.970 <sup>a</sup>	,942	,929	,15993	,942	73,675	7	32	,000	
2	.970 <sup>b</sup>	,942	,931	,15750	,000	,002	1	32	,962	
3	.970 <sup>c</sup>	,942	,933	,15521	,000	,019	1	33	,890	
4	.970 <sup>d</sup>	,941	,935	,15322	,000	,110	1	34	,742	1,761

ANOVA <sup>c</sup>						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	13,192	7	1,885	73,675	.000 <sup>a</sup>
	Residual	,819	32	,026		
	Total	14,010	39			
2	Regression	13,192	6	2,199	88,633	.000 <sup>b</sup>
	Residual	,819	33	,025		
	Total	14,010	39			
3	Regression	13,191	5	2,638	109,515	.000 <sup>c</sup>
	Residual	,819	34	,024		
	Total	14,010	39			
4	Regression	13,189	4	3,297	140,437	.000 <sup>d</sup>
	Residual	,822	35	,023		
	Total	14,010	39			

Coefficients <sup>a</sup>													
		Unstandardized Coefficients		Standardized Coefficients		90,0% Confidence Interval for B		Correlations			Collinearity Statistics		
Model		B	Std. Error	Beta	t	Sig.	Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance	VIF
1	(Constant)	4,940	1,122		4,401	,000	3,039	6,841					
	lnluaslahan	,491	,293	,440	1,674	,104	-,006	,988	,836	,284	,072	,026	37,796
	lnbenih	-,035	,244	-,031	-,144	,886	-,448	,378	,770	-,025	-,006	,039	25,501
	lnUrea	,393	,133	,359	2,965	,006	,169	,618	,913	,464	,127	,125	8,013
	lnNPK	,003	,008	,015	,324	,748	-,011	,016	,085	,057	,014	,853	1,172
	lnSP36	,000	,006	-,003	-,048	,962	-,011	,011	,319	-,008	-,002	,624	1,602
	lnOrganik	,040	,006	,370	6,678	,000	,029	,050	,392	,763	,285	,596	1,678
	lnTK	,232	,114	,176	2,040	,050	,039	,424	,709	,339	,087	,244	4,095
2	(Constant)	4,922	1,043		4,717	,000	3,156	6,688					
	lnluaslahan	,485	,256	,434	1,891	,067	,051	,919	,836	,313	,080	,034	29,771
	lnbenih	-,030	,215	-,027	-,139	,890	-,394	,334	,770	-,024	-,006	,049	20,478
	lnUrea	,395	,128	,360	3,094	,004	,179	,610	,913	,474	,130	,131	7,639
	lnNPK	,003	,008	,015	,346	,731	-,010	,016	,085	,060	,015	,890	1,124
	lnOrganik	,040	,006	,370	6,781	,000	,030	,049	,392	,763	,285	,596	1,678
	lnTK	,230	,109	,175	2,120	,042	,046	,414	,709	,346	,089	,259	3,868
3	(Constant)	4,833	,810		5,965	,000	3,463	6,203					
	lnluaslahan	,457	,158	,409	2,900	,006	,191	,723	,836	,445	,120	,086	11,572
	lnUrea	,397	,124	,362	3,206	,003	,188	,607	,913	,482	,133	,135	7,435
	lnNPK	,002	,007	,014	,332	,742	-,010	,015	,085	,057	,014	,918	1,089
	lnOrganik	,040	,006	,371	6,964	,000	,030	,049	,392	,767	,289	,607	1,647
	lnTK	,226	,103	,172	2,199	,035	,052	,400	,709	,353	,091	,281	3,564
4	(Constant)	4,866	,794		6,132	,000	3,525	6,207					
	lnluaslahan	,465	,154	,416	3,021	,005	,205	,725	,836	,455	,124	,088	11,316
	lnUrea	,390	,120	,355	3,243	,003	,187	,593	,913	,481	,133	,140	7,162
	lnOrganik	,040	,006	,372	7,087	,000	,030	,049	,392	,768	,290	,609	1,641
	lnTK	,229	,101	,174	2,259	,030	,058	,400	,709	,357	,092	,282	3,545

			Coefficient Correlations <sup>a</sup>						
Model			lnTK	lnOrganik	lnNPK	lnSP36	lnUrea	lnbenih	lnluaslahan
1	Correlations	lnTK	1,000	-,142	-,067	-,236	,139	-,348	-,035
		lnOrganik	-,142	1,000	-,081	-,005	-,568	,119	,194
		lnNPK	-,067	-,081	1,000	,204	,194	-,063	-,054
		lnSP36	-,236	-,005	,204	1,000	,216	,444	-,461
		lnUrea	,139	-,568	,194	,216	1,000	,239	-,662
		lnbenih	-,348	,119	-,063	,444	,239	1,000	-,826
		lnluaslahan	-,035	,194	-,054	-,461	-,662	-,826	1,000
	Covariances	lnTK	,013	,000	,000	,000	,002	-,010	-,001
		lnOrganik	,000	,000	,000	,000	,000	,000	,000
		lnNPK	,000	,000	,000	,000	,000	,000	,000
		lnSP36	,000	,000	,000	,000	,000	,001	-,001
		lnUrea	,002	,000	,000	,000	,018	,008	-,026
		lnbenih	-,010	,000	,000	,001	,008	,059	-,059
		lnluaslahan	-,001	,000	,000	-,001	-,026	-,059	,086
2	Correlations	lnTK	1,000	-,147	-,020		,201	-,280	-,166
		lnOrganik	-,147	1,000	-,082		-,581	,136	,216
		lnNPK	-,020	-,082	1,000		,157	-,176	,046
		lnUrea	,201	-,581	,157		1,000	,164	-,650
		lnbenih	-,280	,136	-,176		,164	1,000	-,782
		lnluaslahan	-,166	,216	,046		-,650	-,782	1,000
	Covariances	lnTK	,012	,000	,000		,003	-,007	-,005
		lnOrganik	,000	,000	,000		,000	,000	,000
		lnNPK	,000	,000	,000		,000	,000	,000
		lnUrea	,003	,000	,000		,016	,004	-,021
		lnbenih	-,007	,000	,000		,004	,046	-,043
		lnluaslahan	-,005	,000	,000		-,021	-,043	,066
	Correlations	lnTK	1,000	-,115	-,073		,260		-,644
		lnOrganik	-,115	1,000	-,060		-,617		,521
		lnNPK	-,073	-,060	1,000		,191		-,149
		lnUrea	,260	-,617	,191		1,000		-,848
		lnluaslahan	-,644	,521	-,149		-,848		1,000
	Covariances	lnTK	,011	,000	,000		,003		-,010
		lnOrganik	,000	,000	,000		,000		,000
		lnNPK	,000	,000	,000		,000		,000
		lnUrea	,003	,000	,000		,015		-,017
		lnluaslahan	-,010	,000	,000		-,017		,025
4	Correlations	lnTK	1,000	-,120			,280		-,664
		lnOrganik	-,120	1,000			-,618		,519
		lnUrea	,280	-,618			1,000		-,844
		lnluaslahan	-,664	,519			-,844		1,000
	Covariances	lnTK	,010	,000			,003		-,010
		lnOrganik	,000	,000			,000		,000
		lnUrea	,003	,000			,014		-,016
		lnluaslahan	-,010	,000			-,016		,024