LAMPIRAN

Lampiran 1. Data Luas Panen Padi di Indonesia Menurut Provinsi Tahun 2010-2014

No	Propinsi	Luas Panen Padi (ha)				
		2010	2011	2012	2013	2014
1	Aceh	352.281	380.686	387.803	419.183	376.137
2	Sumatera Utara	754.674	757.547	765.099	742.968	717.318
3	Sumatera Barat	460.497	461.709	476.422	487.820	503.198
4	Riau	156.088	145.242	144.015	118.518	106.037
5	Jambi	153.897	157.441	149.369	153.243	145.990
6	Sumatera Selatan	769.478	784.820	769.725	800.036	810.900
7	Bengkulu	133.629	127.934	144.448	147.680	147.572
8	Lampung	590.608	606.973	641.876	638.090	648.731
9	Kep. Bangka Belitung	8.180	5.299	7.995	10.232	9.943
10	Kep. Riau	396	387	382	379	385
11	Dki Jakarta	2.015	1.723	1.897	1.744	1.400
12	Jawa Barat	2.037.657	1.964.466	1.918.799	2.029.891	1.979.799
13	Jawa Tengah	1.801.397	1.724.246	1.773.558	1.845.447	1.800.908
14	Di Yogyakarta	147.058	150.827	152.912	159.266	158.903
15	Jawa Timur	1.963.983	1.926.796	1.975.719	2.037.021	2.072.630
16	Banten	406.411	397.021	362.636	393.704	386.398
17	Bali	152.190	152.585	149.000	150.380	142.697
18	Nusa Tenggara Barat	374.284	418.062	425.448	438.057	433.712
19	Nusa Tenggara Timur	174.674	195.201	200.094	222.469	246.750
20	Kalimantan Barat	428.461	444.353	427.798	464.898	452.242
21	Kalimantan Tengah	247.577	214.161	251.787	247.473	242.488
22	Kalimantan Selatan	471.166	489.134	496.082	479.721	498.133
23	Kalimantan Timur	150.031	140.215	142.573	102.912	100.262
24	Kalimantan Utara	-	-	-	35.926	32.072
25	Sulawesi Utara	119.771	122.108	126.931	127.413	130.428
26	Sulawesi Tengah	208.628	221.846	229.080	224.326	219.613
27	Sulawesi Selatan	886.354	889.232	981.394	983.107	1.040.024
28	Sulawesi Tenggara	107.751	118.916	124.511	132.945	140.408
29	Gorontalo	45.937	52.811	51.193	56.894	62.690
30	Sulawesi Barat	75.923	76.347	83.796	91.195	94.351
31	Maluku	20.233	21.227	20.489	24.399	21.623
32	Maluku Utara	16.071	16.783	17.794	19.281	21.192
33	Papua Barat	9.464	8.283	7.750	7.523	6.880
34	Papua	26.686	29.262	37.149	41.111	45.493
Total		**13.253.450**	**13.203.643**	**13.445.524**	**13.835.252**	**13.797.307**
Pertumbuhan		**-**	**-0,376**	**1,832**	**2,899**	**-0,274**
Rata-rata		**1,020**				

Sumber: Badan Pusat Statistik (2016).

Lampiran 26. Fungsi Produksi Linier Usahatani Padi di Kecamatan Tanggu, Kabupaten Jember Tahun 2016

No.	Produksi (kg)	Luas Lahan (ha)	Tenaga Kerja (Rp)	Benih (kg)	Pupuk (kg)	Pestisida (Rp)	Manajerial (th)
	$\hat{Y}$	X_1	X_2	X_3	X_4	X_5	X_6
1	18.000,00	3,0000	8.889.500,00	200,00	1.800,00	344.000,00	42,00
2	28.700,00	4,1250	11.689.800,00	300,00	3.300,00	519.000,00	101,00
3	12.400,00	2,1000	5.480.300,00	140,00	1.200,00	488.000,00	98,00
4	14.200,00	2,5000	6.787.000,00	160,00	1.500,00	273.000,00	109,00
5	22.400,00	4,0000	9.202.900,00	300,00	2.400,00	672.000,00	94,00
6	24.400,00	4,5000	13.741.400,00	280,00	3.100,00	639.000,00	57,00
7	30.800,00	5,1000	31.493.400,00	400,00	3.600,00	714.000,00	88,00
8	11.600,00	2,1500	5.252.000,00	100,00	1.000,00	173.000,00	93,00
9	21.300,00	3,1500	15.476.600,00	250,00	1.400,00	441.000,00	78,00
10	19.800,00	3,5000	19.540.100,00	260,00	2.000,00	729.000,00	109,00
11	7.400,00	1,2100	2.528.200,00	70,00	900,00	147.000,00	77,00
12	12.700,00	2,1350	9.671.200,00	150,00	1.500,00	105.000,00	96,00
13	6.800,00	1,0000	2.744.400,00	60,00	750,00	76.000,00	88,00
14	7.300,00	1,1800	4.086.900,00	60,00	900,00	77.000,00	71,00
15	12.800,00	2,2500	12.013.200,00	130,00	1.100,00	346.000,00	72,00
16	12.800,00	2,1100	10.149.000,00	130,00	1.000,00	112.500,00	86,00
17	16.400,00	2,5000	15.609.050,00	170,00	1.500,00	336.000,00	93,00
18	6.900,00	1,2000	3.686.900,00	60,00	900,00	76.000,00	83,00
19	20.400,00	3,0000	16.903.000,00	230,00	2.500,00	627.000,00	100,00
20	7.200,00	1,1500	2.696.500,00	50,00	700,00	145.000,00	72,00
21	7.400,00	1,1000	4.822.800,00	40,00	1.000,00	221.000,00	72,00
22	7.200,00	1,2000	6.138.900,00	40,00	1.200,00	175.000,00	101,00
23	7.200,00	1,4000	4.399.300,00	70,00	1.300,00	243.000,00	79,00
24	7.300,00	1,3500	5.876.300,00	50,00	1.300,00	147.000,00	82,00
25	10.600,00	1,5000	6.985.800,00	60,00	1.100,00	238.000,00	81,00
26	7.600,00	1,1500	7.315.800,00	68,00	1.200,00	147.000,00	91,00
27	8.700,00	1,3500	4.147.000,00	45,00	1.100,00	77.000,00	80,00
28	9.900,00	1,3250	4.690.000,00	65,00	1.200,00	215.000,00	87,00
29	12.300,00	1,5500	6.737.800,00	70,00	1.000,00	74.000,00	79,00
30	9.200,00	1,2500	3.278.800,00	45,00	1.000,00	174.000,00	81,00
31	4.600,00	0,7000	1.240.000,00	35,00	250,00	57.500,00	97,00
32	4.800,00	0,8500	3.218.800,00	30,00	400,00	222.000,00	68,00
33	4.850,00	0,8500	1.809.100,00	35,00	300,00	41.500,00	99,00
34	4.100,00	0,8000	2.542.500,00	35,00	350,00	147.000,00	88,00
35	4.530,00	0,7150	917.400,00	15,00	200,00	48.000,00	86,00
36	4.300,00	0,8000	3.303.500,00	40,00	300,00	242.000,00	89,00
37	4.500,00	0,7320	978.500,00	30,00	300,00	14.000,00	116,00

Lanjutan Lampiran 26

No.	Produksi (kg)	Luas Lahan (ha)	Tenaga Kerja (Rp)	Benih (kg)	Pupuk (kg)	Pestisida (Rp)	Manajerial (th)
	$\hat{Y}$	X_1	X_2	X_3	X_4	X_5	X_6
38	3.400,00	0,6350	1.600.700,00	25,00	300,00	17.500,00	92,00
39	3.550,00	0,6360	1.042.900,00	20,00	200,00	20.000,00	101,00
40	3.200,00	0,5850	1.551.200,00	20,00	200,00	17.500,00	87,00
41	4.400,00	0,8250	3.877.800,00	30,00	300,00	147.000,00	105,00
42	3.000,00	0,4150	1.595.600,00	20,00	250,00	19.000,00	81,00
43	4.650,00	0,7000	2.010.900,00	19,00	200,00	17.500,00	117,00
44	3.700,00	0,6500	1.019.900,00	20,00	200,00	17.500,00	96,00
45	3.350,00	0,5500	1.102.900,00	15,00	200,00	17.500,00	67,00
46	3.800,00	0,6500	1.662.000,00	18,00	250,00	45.000,00	106,00
47	3.200,00	0,5000	2.035.800,00	25,00	250,00	145.000,00	104,00
48	3.486,00	0,6250	1.522.500,00	15,00	200,00	45.000,00	110,00
49	3.550,00	0,4250	915.200,00	15,00	200,00	14.000,00	100,00
50	3.000,00	0,4500	2.253.300,00	20,00	300,00	41.500,00	106,00
51	3.450,00	0,4000	2.128.500,00	20,00	300,00	42.500,00	87,00
52	2.550,00	0,3000	984.800,00	15,00	200,00	17.500,00	104,00
53	3.325,00	0,4500	1.483.200,00	10,00	150,00	19.000,00	95,00
54	4.400,00	0,7000	2.974.200,00	40,00	400,00	135.500,00	117,00
55	2.645,00	0,3500	1.537.400,00	10,00	200,00	35.000,00	113,00
56	3.800,00	0,6500	2.122.400,00	25,00	300,00	36.500,00	116,00
57	2.845,00	0,3800	1.580.700,00	15,00	200,00	17.500,00	107,00
58	3.400,00	0,6750	2.634.900,00	25,00	300,00	36.500,00	92,00
59	3.115,00	0,3900	1.670.200,00	10,00	150,00	31.500,00	88,00
60	4.250,00	0,7000	1.858.500,00	30,00	350,00	92.000,00	84,00

Sumber: Analisis Data Primer (2016).

Lampiran 2. Data Produksi Padi di Indonesia Menurut Provinsi Tahun 2010-2014

No	Provinsi	Produksi Padi				
		2010	2011	2012	2013	2014
1	Aceh	1.582.393	1.772.962	1.788.738	1.956.940	1.820.062
2	Sumatera Utara	3.582.302	3.607.403	3.715.514	3.727.249	3.631.039
3	Sumatera Barat	2.211.248	2.279.602	2.368.390	2.430.384	2.519.020
4	Riau	574.864	535.788	512.152	434.144	385.475
5	Jambi	628.828	646.641	625.164	664.535	664.720
6	Sumatera Selatan	3.272.451	3.384.670	3.295.247	3.676.723	3.670.435
7	Bengkulu	516.869	502.552	581.910	622.832	593.194
8	Lampung	2.807.676	2.940.795	3.101.455	3.207.002	3.320.064
9	Kep. Bangka Belitung	22.259	15.211	22.395	28.480	23.481
10	Kep. Riau	1.246	1.223	1.323	1.370	1.403
11	Dki jakarta	11.164	9.516	11.044	10.268	7.541
12	Jawa Barat	11.737.070	11.633.891	11.271.861	12.083.162	11.644.899
13	Jawa Tengah	10.110.830	9.391.959	10.232.934	10.344.816	9.648.104
14	Di Yogyakarta	823.887	842.934	946.224	921.824	919.573
15	Jawa Timur	11.643.773	10.576.543	12.198.707	12.049.342	12.397.049
16	Banten	2.048.047	1.949.714	1.865.893	2.083.608	2.045.883
17	Bali	869.161	858.316	865.553	882.092	857.944
18	Nusa Tenggara Barat	1.774.499	2.067.137	2.114.231	2.193.698	2.116.637
19	Nusa Tenggara Timur	555.493	591.371	698.566	729.666	825.728
20	Kalimantan Barat	1.343.888	1.372.988	1.300.100	1.441.876	1.372.695
21	Kalimantan Tengah	650.416	610.236	755.507	812.652	838.207
22	Kalimantan Selatan	1.842.089	2.038.309	2.086.221	2.031.029	2.094.590
23	Kalimantan Timur	588.879	552.616	561.959	439.439	426.567
24	Kalimantan Utara	0	0	0	124.724	115.620
25	Sulawesi Utara	584.030	596.223	615.062	638.373	637.927
26	Sulawesi Tengah	957.108	1.041.789	1.024.316	1.031.364	1.022.054
27	Sulawesi Selatan	4.382.443	4.511.705	5.003.011	5.035.830	5.426.097
28	Sulawesi Tenggara	454.644	491.567	516.291	561.361	657.617
29	Gorontalo	253.563	273.921	245.786	295.913	314.704
30	Sulawesi Barat	362.900	365.683	412.338	445.030	449.621
31	Maluku	83.109	87.468	84.271	101.835	102.761
32	Maluku Utara	55.401	61.430	65.686	72.445	72.074
33	Papua Barat	34.254	29.304	30.245	29.912	27.665
34	Papua	102.610	115.437	138.032	169.791	196.015
Total		**66.469.394**	**65.756.904**	**69.056.126**	**71.279.709**	**70.846.465**
Pertumbuhan (%)			**-1,072**	**5,017**	**3,22**	**-0,608**
Rata-rata (%)		**1,639**				

Sumber: Badan Pusat Statistik (2016).

Lampiran 23. Hasil Analisis Two Sample z-test Perbedaan Produktivitas Lahan Total Antara Skala Lahan Sempit dan Luas dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016.

z-Test: Two Sample for Means

Total	Sempit	Luas
Mean	6.398	6.259
Known Variance	1.084.878	466.856
Observations	30	30
Hypothesized Mean Difference	0	
z	0,611	
P(Z<=z) one-tail	0,270	
z Critical one-tail	2,326	
P(Z<=z) two-tail	0,541	
z Critical two-tail	2,576	

Lampiran 24. Hasil Analisis Uji-Z Perbedaan Produktivitas Tenaga Kerja Total Antara Skala Lahan Sempit dan Luas dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016.

z-Test: Two Sample for Means

Produktivitas Tenaga Kerja	Sempit	Luas
Mean	21,47075903	8,66278006
Known Variance	141,61998	29,77243
Observations	30	30
Hypothesized Mean Difference	0	
z	5,359	
P(Z<=z) one-tail	0,000	
z Critical one-tail	1,645	
P(Z<=z) two-tail	0,000	
z Critical two-tail	1,960	

Lampiran 25. Hasil Analisis Uji-Z Perbedaan Produktivitas Biaya Total Antara Skala Lahan Sempit dan Luas dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016.

z-Test: Two Sample for Means

Produktivita Biaya	Sempit	Luas
Mean	526,908	1.483
Known Variance	26.047	534.093
Observations	30	30
Hypothesized Mean Difference	0	
z	-7,000	
P(Z<=z) one-tail	0,000	
z Critical one-tail	2,326	
P(Z<=z) two-tail	0,000	
z Critical two-tail	2,576	

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Lampiran 5. Tingkat Penggunaan Input Produksi per Hektar Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

No	Luas Lahan	Benih	Jumlah Pupuk (Rp)			Pestisida (Rp)
	(ha)	(kg)	Urea	ZA	Phonska	Cair (liter)
1	3,0000	67	333	133	133	1,2
2	4,1250	73	582	145	73	1,9
3	2,1000	67	286	143	143	1,9
4	2,5000	64	320	160	120	1,2
5	4,0000	75	325	150	125	1,5
6	4,5000	62	533	156	0	1,1
7	5,1000	78	549	157	0	1,2
8	2,1500	47	279	93	93	0,9
9	3,1500	79	286	159	0	1,0
10	3,5000	74	286	171	114	1,7
11	1,2100	58	331	248	165	0,8
12	2,1350	70	422	281	0	1,5
13	1,0000	60	500	250	0	0,8
14	1,1800	51	339	254	169	0,8
15	2,2500	58	222	178	89	1,8
16	2,1100	62	284	190	0	0,6
17	2,5000	68	360	240	0	2,5
18	1,2000	50	750	0	0	0,8
19	3,0000	77	433	267	133	1,7
20	1,1500	43	348	261	0	0,9
21	1,1000	36	545	182	182	1,7
22	1,2000	33	500	333	167	1,7
23	1,4000	50	429	286	214	1,4
24	1,3500	37	444	296	222	0,7
25	1,5000	40	467	267	0	1,3
26	1,1500	59	1.043	0	0	0,9
27	1,3500	33	519	296	0	0,7
28	1,3250	49	528	377	0	1,4
29	1,5500	45	452	194	0	0,8
30	1,2500	36	480	320	0	2,2
31	0,7000	50	286	71	0	2,1
32	0,8500	35	353	118	0	2,4
33	0,8500	41	294	59	0	1,2
34	0,8000	44	375	63	0	1,3
35	0,7150	21	280	0	0	1,4
36	0,8000	50	250	63	63	2,5
37	0,7320	41	410	0	0	0,7
38	0,6350	39	236	79	157	0,8

Lanjutan Lampiran 5

No	Luas Lahan	Benih	Jumlah Pupuk (Rp)			Pestisida (Rp)
	(ha)	(kg)	Urea	ZA	Phonska	Cair (liter)
39	0,6360	31	236	79	0	0,9
40	0,5850	34	256	85	0	0,6
41	0,8250	36	242	61	61	1,2
42	0,4150	48	482	120	0	0,7
43	0,7000	27	214	71	0	0,7
44	0,6500	31	231	77	0	0,9
45	0,5500	27	364	0	0	0,9
46	0,6500	28	308	77	0	1,5
47	0,5000	50	400	100	0	2,0
48	0,6250	24	240	80	0	1,6
49	0,4250	35	353	118	0	1,2
50	0,4500	44	667	0	0	2,4
51	0,4000	50	750	0	0	2,9
52	0,3000	50	500	167	0	1,1
53	0,4500	22	222	111	0	1,1
54	0,7000	57	429	71	71	2,1
55	0,3500	29	429	143	0	1,4
56	0,6500	38	308	77	77	2,1
57	0,3800	39	526	0	0	0,7
58	0,6750	37	370	74	0	0,7
59	0,3900	26	256	128	0	2,6
60	0,7000	43	429	71	0	2,1
Rata-rata	**1,385**	**47,192**	**397,825**	**139,147**	**42,869**	**1,378**

Sumber: Badan Pusat Statistik (2016).

Lampiran 3. Data Produktivitas Padi di Indonesia Menurut Provinsi Tahun 2010-2014

No	Produktivitas	Produksi Padi				
		2010	2011	2012	2013	2014
1	Aceh	4,492	4,657	4,612	4,668	4,839
2	Sumatera Utara	4,747	4,762	4,856	5,017	5,062
3	Sumatera Barat	4,802	4,937	4,971	4,982	5,006
4	Riau	3,683	3,689	3,556	3,663	3,635
5	Jambi	4,086	4,107	4,185	4,336	4,553
6	Sumatera Selatan	4,253	4,313	4,281	4,596	4,526
7	Bengkulu	3,868	3,928	4,029	4,217	4,020
8	Lampung	4,754	4,845	4,832	5,026	5,118
9	Kep. Bangka Belitung	2,721	2,871	2,801	2,783	2,362
10	Kep. Riau	3,146	3,160	3,463	3,615	3,644
11	Dki Jakarta	5,540	5,523	5,822	5,888	5,386
12	Jawa Barat	5,760	5,922	5,874	5,953	5,882
13	Jawa Tengah	5,613	5,447	5,770	5,606	5,357
14	Di Yogyakarta	5,602	5,589	6,188	5,788	5,787
15	Jawa Timur	5,929	5,489	6,174	5,915	5,981
16	Banten	5,039	4,911	5,145	5,292	5,295
17	Bali	5,711	5,625	5,809	5,866	6,012
18	Nusa Tenggara Barat	4,741	4,945	4,969	5,008	4,880
19	Nusa Tenggara Timur	3,180	3,030	3,491	3,280	3,346
20	Kalimantan Barat	3,137	3,090	3,039	3,101	3,035
21	Kalimantan Tengah	2,627	2,849	3,001	3,284	3,457
22	Kalimantan Selatan	3,910	4,167	4,205	4,234	4,205
23	Kalimantan Timur	3,925	3,941	3,942	4,270	4,255
24	Kalimantan Utara	0	0	0	3,472	3,605
25	Sulawesi Utara	4,876	4,883	4,846	5,010	4,891
26	Sulawesi Tengah	4,588	4,696	4,471	4,598	4,654
27	Sulawesi Selatan	4,944	5,074	5,098	5,122	5,217
28	Sulawesi Tenggara	4,219	4,134	4,147	4,223	4,684
29	Gorontalo	5,520	5,187	4,801	5,201	5,020
30	Sulawesi Barat	4,780	4,790	4,921	4,880	4,765
31	Maluku	4,108	4,121	4,113	4,174	4,752
32	Maluku Utara	3,447	3,660	3,691	3,757	3,401
33	Papua Barat	3,619	3,538	3,903	3,976	4,021
34	Papua	3,845	3,945	3,716	4,130	4,309
Total		145,213	145,824	148,723	154,931	154,963
Pertumbuhan (%)			0,421	1,989	4,174	0,021
Rata-rata (%)		1,651				

Sumber: Badan Pusat Statistik (2016).

Lampiran 4. Profil Sampel Petani Padi di Kecamatan Tanggul Tahun 2016

No	Nama	Alamat	Luas Lahan (ha)	Umur (th)	Pendidikan (th)	Pengalaman Bertani (th)
1	Jefri Amrullah	Darungan	3,0000	24	12	6
2	P. Sukri	Darungan	4,1250	57	12	32
3	P. Riman	Darungan	2,1000	60	3	35
4	H. Hasan	Darungan	2,5000	72	6	31
5	H. Mansur	Darungan	4,0000	68	6	20
6	P. Holel	Darungan	4,5000	35	12	10
7	H. Sukron	Darungan	5,1000	56	12	20
8	P. Supyan	Darungan	2,1500	58	9	26
9	H. Ases	Darungan	3,1500	49	12	17
10	H. Karem	Darungan	3,5000	63	6	40
11	B. Sulastri	Darungan	1,2100	46	6	25
12	P. Touweb	Darungan	2,1350	53	9	34
13	P. Sabrang	Manggisan	1,0000	49	9	30
14	H. Gufron	Manggisan	1,1800	43	6	22
15	P. Bedrus	Manggisan	2,2500	45	9	18
16	H. Baser	Manggisan	2,1100	57	12	17
17	P. Sakri	Manggisan	2,5000	48	3	42
18	P. Soleh	Manggisan	1,2000	49	9	25
19	H. Asmuni	Manggisan	3,0000	53	6	41
20	P. Anis	Manggisan	1,1500	44	12	16
21	P. Rohim	Selodakon	1,1000	48	6	18
22	P. Mad	Tanggul Wetan	1,2000	58	2	41
23	P. Rasul	Tanggul Wetan	1,4000	43	12	24
24	P. Sana	Patemmon	1,3500	47	12	23
25	P. Satibi	Tanggul Wetan	1,5000	44	12	25
26	P. Nurul	Patemmon	1,1500	49	12	30
27	P. Sale	Tanggul Kulon	1,3500	39	3	38
28	P. Hana	Tanggul Kulon	1,3250	48	12	27
29	P.Sol	Tanggul Kulon	1,5500	44	12	23
30	P. Nor	Tanggul Kulon	1,2500	53	9	19
31	P. Hafid	Klatakan	0,7000	58	9	30
32	B. Rumiyati	Klatakan	0,8500	38	12	18
33	p. Sipol	Klatakan	0,8500	62	8	29
34	P. Masruroh	Selodakon	0,8000	42	12	34
35	P. Nuri	Tanggul Wetan	0,7150	55	7	24
36	P. Nasir	Tanggul Wetan	0,8000	51	3	35
37	P. Nali	Tanggul Wetan	0,7320	73	2	41
38	P. Sahan	Tanggul Wetan	0,6350	55	6	31
39	P. Sanadi	Selodakon	0,6360	62	6	33

Lanjutan Lampiran 4

No	Nama	Alamat	Luas Lahan (ha)	Umur (th)	Pendidikan (th)	Pengalaman Bertani (th)
40	P. Kulsum	Tanggul Wetan	0,5850	51	11	25
41	P. Amna	Tanggul Wetan	0,8250	57	8	40
42	P. Dul	Selodakon	0,4150	48	12	21
43	P. Wasif	Selodakon	0,7000	67	12	38
44	B. Bahrol	Selodakon	0,6500	53	6	37
45	P. Nohar	Klatakan	0,5500	38	12	17
46	P. Midi	Klatakan	0,6500	67	6	33
47	P. Rodiyah	Klatakan	0,5000	55	11	38
48	P. Surai	Patemmon	0,6250	56	3	51
49	P. Basori	Selodakon	0,4250	61	9	30
50	P. Udin	Patemmon	0,4500	68	6	32
51	P. Nardi	Patemmon	0,4000	47	5	35
52	P. Mahrus	Klatakan	0,3000	60	9	35
53	P. Nyoto	Patemmon	0,4500	52	6	37
54	P. Samoji	Patemmon	0,7000	68	9	40
55	P. Nining	Kramat Sukoharjo	0,3500	68	3	42
56	H.Hasan	Kramat Sukoharjo	0,6500	67	9	40
57	P. Jepar	Kramat Sukoharjo	0,3800	58	8	41
58	P. Supi	Kramat Sukoharjo	0,6750	52	12	28
59	P. Rosidi	Kramat Sukoharjo	0,3900	51	9	28
60	P. Murki	Kramat Sukoharjo	0,7000	48	12	24

Sumber: Badan Pusat Statistik (2016).

Lampiran 6. Hasil Analisis Two Sample z-test Penggunaan Benih Antara Skala Lahan Sempit dan Luas Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z two sample for mean

Benih	Sempit	Luas
Mean	38	57
Known Variance	95	211
Observations	30	30
Hypothesized Mean Difference	0	
z	-5,970	
P(Z<=z) one-tail	0,000	
z Critical one-tail	1,282	
P(Z<=z) two-tail	0,000	
z Critical two-tail	1,645	

Lampiran 7. Hasil Analisis One Sample z-test Penggunaan Benih Antara Total dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Total	Anjuran
Mean	47
Known Variance	243
Observations	60
Hypothesized Mean Difference	25
z	11,028
P(Z<=z) one-tail	0,000
z Critical one-tail	1,282
P(Z<=z) two-tail	0,000
z Critical two-tail	1,645

Lampiran 8. Hasil Analisis One Sample z-test Penggunaan Benih Antara Skala lahan Sempit dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Sempit	Anjuran
Mean	37,659
Known Variance	95,000
Observations	30
Hypothesized Mean Difference	25
z	7,114
P(Z<=z) one-tail	0,000
z Critical one-tail	1,282
P(Z<=z) two-tail	0,000
z Critical two-tail	1,645

Lampiran 9. Hasil Analisis One Sample z-test Penggunaan Benih Antaraa Skala Lahan Luas dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Luas	Anjuran
Mean	56,726
Known Variance	211
Observations	30
Hypothesized Mean Difference	25
z	11,963
P(Z<=z) one-tail	0,000
z Critical one-tail	1,282
P(Z<=z) two-tail	0,000
z Critical two-tail	1,645

Lampiran 10. Hasil Analisis Two Sample z-test Penggunaan Pupuk Urea Antara Skala Lahan Luas dan Sempit Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z two sample for mean

Pupuk Urea	Sempit	Luas
Mean	356	439
Known Variance	17.164	26.941
Observations	30	30
Hypothesized Mean Difference	0	
z	-2,156	
P(Z<=z) one-tail	0,016	
z Critical one-tail	1,282	
P(Z<=z) two-tail	0,031	
z Critical two-tail	1,645	

Lampiran 11. Hasil Analisis One Sample z-test Penggunaan Pupuk Urea Antara Total dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Total	Anjuran
Mean	398
Known Variance	23.415
Observations	60
Hypothesized Mean Difference	300
z	2,757
P(Z<=z) one-tail	0,003
z Critical one-tail	1,282
P(Z<=z) two-tail	0,006
z Critical two-tail	1,645

Lampiran 12. Hasil Analisis One Sample z-test Penggunaan Pupuk Urea Antara Skala lahan Sempit dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Sempit	Anjuran
Mean	356
Known Variance	17.164
Observations	30
Hypothesized Mean Difference	300
z	2,362
P(Z<=z) one-tail	0,009
z Critical one-tail	1,282
P(Z<=z) two-tail	0,018
z Critical two-tail	1,645

Lampiran 13. Hasil Analisis One Sample z-test Penggunaan Pupuk Urea Antara Skala Lahan Luas dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Luas	Anjuran
Mean	439
Known Variance	26.941
Observations	30
Hypothesized Mean Difference	300
z	4,644
P(Z<=z) one-tail	0,000
z Critical one-tail	1,282
P(Z<=z) two-tail	0,000
z Critical two-tail	1,645

Lampiran 14. Hasil Analisis Two Sample z-test Penggunaan Pupuk ZA Antara Skala Lahan Luas dan Sempit Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z two sample for mean

Pupuk ZA	Sempit	Luas
Mean	72	206
Known Variance	1.999	7.946
Observations	30	30
Hypothesized Mean Difference	0	
z	-7,367	
P(Z<=z) one-tail	0,000	
z Critical one-tail	1,282	
P(Z<=z) two-tail	0,000	
z Critical two-tail	1,645	

Lampiran 15. Hasil Analisis One Sample z-test Penggunaan Pupuk ZA Antara Total dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Total	Anjuran
Mean	139
Known Variance	9.462
Observations	60
Hypothesized Mean Difference	150
z	-0,864
P(Z<=z) one-tail	0,194
z Critical one-tail	1,282
P(Z<=z) two-tail	0,387
z Critical two-tail	1,645

Lampiran 16. Hasil Analisis One Sample z-test Penggunaan Pupuk ZA Antara Skala lahan Sempit dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Sempit	Anjuran
Mean	72
Known Variance	1.999
Observations	30
Hypothesized Mean Difference	150
z	-9,545
P(Z<=z) one-tail	0,000
z Critical one-tail	1,282
P(Z<=z) two-tail	0,000
z Critical two-tail	1,645

Lampiran 17. Hasil Analisis One Sample z-test Penggunaan Pupuk ZA Antara Skala Lahan Luas dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Luas	Anjuran
Mean	206
Known Variance	7.946
Observations	30
Hypothesized Mean Difference	150
z	3,454
P(Z<=z) one-tail	0,000
z Critical one-tail	1,282
P(Z<=z) two-tail	0,001
z Critical two-tail	1,645

Lampiran 18. Hasil Analisis Two Sample z-test Penggunaan Pupuk Phonska Antara Skala Lahan Luas dan Sempit Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z two sample for mean

Pupuk Phonska	Sempit	Luas
Mean	14	71
Known Variance	1.285	6.206
Observations	30	30
Hypothesized Mean Difference	0	
z	-3,616199	
P(Z<=z) one-tail	0,000	
z Critical one-tail	1,282	
P(Z<=z) two-tail	0,000	
z Critical two-tail	1,645	

Lampiran 19. Hasil Analisis One Sample z-test Penggunaan Pupuk Phonska Antara Total dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Total	Anjuran
Mean	43
Known Variance	4.512
Observations	60
Hypothesized Mean Difference	100
z	-6,588
P(Z<=z) one-tail	0,000
z Critical one-tail	1,282
P(Z<=z) two-tail	0,000
z Critical two-tail	1,645

Lampiran 20. Hasil Analisis One Sample z-test Penggunaan Pupuk Phonska Antara Skala lahan Sempit dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Sempit	Anjuran
Mean	14
Known Variance	1.285
Observations	30
Hypothesized Mean Difference	100
z	-13,095
P(Z<=z) one-tail	0,000
z Critical one-tail	1,282
P(Z<=z) two-tail	0,000
z Critical two-tail	1,645

Lampiran 21. Hasil Analisis One Sample z-test Penggunaan Pupuk Phonska Antara Skala Lahan Luas dengan Anjuran dalam Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Uji z one sample for mean

Luas	Anjuran
Mean	71
Known Variance	6.206
Observations	30
Hypothesized Mean Difference	100
z	-1,986
P(Z<=z) one-tail	0,024
z Critical one-tail	1,282
P(Z<=z) two-tail	0,047
z Critical two-tail	1,645

Lampiran 22. Produktivitas Lahan, Tenaga Kerja dan Biaya per Hektar Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

No.	Produksi	Luas Lahan	Tenaga Kerja	Biaya	Produktivitas		
					Lahan	Tenaga Kerja	Biaya
	(kg)	(ha)	(jkp)	(Rp)	(kg/ha)	(kg/jkp)	(kg/Rp)
1	18.000	3,0000	1.619	24.913.500	6.000	33,35	179.895.425
2	28.700	4,1250	2.171	36.313.800	6.958	54,52	127.612.813
3	12.400	2,1000	685	16.638.300	5.905	38,03	155.257.659
4	14.200	2,5000	802	19.903.000	5.680	44,24	128.389.637
5	22.400	4,0000	2.307	29.174.900	5.600	38,84	144.189.951
6	24.400	4,5000	2.569	38.876.400	5.422	42,74	126.857.420
7	30.800	5,1000	5.778	58.347.400	6.039	27,19	222.127.990
8	11.600	2,1500	964	14.605.000	5.395	25,86	208.608.787
9	21.300	3,1500	2.465	30.122.600	6.762	27,22	248.441.105
10	19.800	3,5000	2.839	36.957.100	5.657	24,41	231.791.054
11	7.400	1,2100	470	8.552.200	6.116	19,05	321.043.109
12	12.700	2,1350	1.429	20.171.200	5.948	18,98	313.430.398
13	6.800	1,0000	518	7.577.400	6.800	13,12	518.431.373
14	7.300	1,1800	624	10.311.900	6.186	13,80	448.316.069
15	12.800	2,2500	1.734	23.084.200	5.689	16,61	342.479.626
16	12.800	2,1100	1.623	19.453.500	6.066	16,64	364.569.089
17	16.400	2,5000	2.685	27.647.050	6.560	15,27	429.621.961
18	6.900	1,2000	574	10.194.900	5.750	14,42	398.638.344
19	20.400	3,0000	3.149	35.188.000	6.800	19,44	349.836.601
20	7.200	1,1500	506	7.881.500	6.261	16,36	382.638.348
21	7.400	1,1000	741	10.995.800	6.727	10,98	612.591.152
22	7.200	1,2000	1.024	12.739.900	6.000	8,44	711.138.344
23	7.200	1,4000	726	12.496.300	5.143	13,89	370.328.131
24	7.300	1,3500	995	13.278.300	5.407	9,91	545.867.291
25	10.600	1,5000	1.376	13.695.800	7.067	11,56	611.433.551
26	7.600	1,1500	1.236	14.765.200	6.609	7,07	934.474.962
27	8.700	1,3500	809	10.667.000	6.444	14,51	444.153.958
28	9.900	1,3250	890	12.012.500	7.472	14,74	506.752.106
29	12.300	1,5500	1.300	14.366.800	7.935	14,66	541.217.278
30	9.200	1,2500	629	9.255.800	7.360	18,28	402.723.137
31	4.600	0,7000	152	4.092.000	6.571	21,24	309.336.333
32	4.800	0,8500	510	6.943.800	5.647	8,00	705.828.287
33	4.850	0,8500	308	5.203.100	5.706	13,41	425.621.884
34	4.100	0,8000	437	6.010.000	5.125	7,50	682.971.191
35	4.530	0,7150	138	3.691.900	6.336	23,53	269.292.956
36	4.300	0,8000	583	7.125.000	5.375	5,90	910.531.496
37	4.500	0,7320	153	3.974.500	6.148	21,57	285.041.886

Lanjutan Lampiran 22

No.	Produksi	Luas Lahan	Tenaga Kerja	Biaya	Produktivitas		
					Lahan	Tenaga Kerja	Biaya
	(kg)	(ha)	(jkp)	(Rp)	(kg/ha)	(kg/jkp)	(kg/Rp)
38	3.400	0,635	296	4.455.700	5.354	7,29	734.759.595
39	3.550	0,636	178	3.466.900	5.582	12,66	440.787.733
40	3.200	0,585	285	3.825.200	5.470	6,56	833.652.933
41	4.400	0,825	667	7.286.800	5.333	5,44	980.165.289
42	3.000	0,415	313	3.580.600	7.229	3,98	1.817.752.939
43	4.650	0,7	336	4.736.300	6.643	9,7	685.167.925
44	3.700	0,65	164	3.478.900	5.692	14,7	387.159.297
45	3.350	0,55	181	3.245.400	6.091	10,19	597.826.511
46	3.800	0,65	290	4.357.600	5.846	8,51	687.093.195
47	3.200	0,5	396	4.488.300	6.400	4,04	1.582.375.000
48	3.486	0,625	260	4.001.500	5.578	8,39	664.914.646
49	3.550	0,425	130	2.650.700	8.353	11,64	717.517.301
50	3.000	0,45	354	4.360.800	6.667	3,81	1.750.192.901
51	3.450	0,4	419	4.115.000	8.625	3,29	2.617.675.781
52	2.550	0,3	167	2.350.300	8.500	4,57	1.858.854.167
53	3.325	0,45	243	3.170.700	7.389	6,17	1.198.444.639
54	4.400	0,7	574	6.555.700	6.286	5,36	1.171.635.842
55	2.645	0,35	218	3.050.400	7.557	4,24	1.782.589.286
56	3.800	0,65	388	4.858.900	5.846	6,36	919.138.314
57	2.845	0,38	263	3.227.700	7.487	4,12	1.818.385.063
58	3.400	0,675	495	5.608.900	5.037	4,64	1.086.195.090
59	3.115	0,39	237	3.187.700	7.987	5,13	1.556.425.269
60	4.250	0,7	375	4.939.500	6.071	7,94	764.743.693
Rata-rata	**8.557,43**	**1,385**	**912,431**	**12.203.784**	**6.328,17**	**15,067**	**692.748.885**

Sumber: Analisis Data Primer (2016).

Lampiran 27. Fungsi Produksi Cobb-Douglas Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

No.	Produksi (kg)	Luas Lahan (ha)	Tenaga Kerja (Rp)	Benih (kg)	Pupuk (kg)	Pestisida (Rp)	Manajerial (th)
	$\hat{Y}$	X_1	X_2	X_3	X_4	X_5	X_6
1	9,80	1,10	16,00	5,30	7,50	12,75	3,74
2	10,26	1,42	16,27	5,70	8,10	13,16	4,62
3	9,43	0,74	15,52	4,94	7,09	13,10	4,58
4	9,56	0,92	15,73	5,08	7,31	12,52	4,69
5	10,02	1,39	16,04	5,70	7,78	13,42	4,54
6	10,10	1,50	16,44	5,63	8,04	13,37	4,04
7	10,34	1,63	17,27	5,99	8,19	13,48	4,48
8	9,36	0,77	15,47	4,61	6,91	12,06	4,53
9	9,97	1,15	16,55	5,52	7,24	13,00	4,36
10	9,89	1,25	16,79	5,56	7,60	13,50	4,69
11	8,91	0,19	14,74	4,25	6,80	11,90	4,34
12	9,45	0,76	16,08	5,01	7,31	11,56	4,56
13	8,82	0,00	14,83	4,09	6,62	11,24	4,48
14	8,90	0,17	15,22	4,09	6,80	11,25	4,26
15	9,46	0,81	16,30	4,87	7,00	12,75	4,28
16	9,46	0,75	16,13	4,87	6,91	11,63	4,45
17	9,71	0,92	16,56	5,14	7,31	12,72	4,53
18	8,84	0,18	15,12	4,09	6,80	11,24	4,42
19	9,92	1,10	16,64	5,44	7,82	13,35	4,61
20	8,88	0,14	14,81	3,91	6,55	11,88	4,28
21	8,91	0,10	15,39	3,69	6,91	12,31	4,28
22	8,88	0,18	15,63	3,69	7,09	12,07	4,62
23	8,88	0,34	15,30	4,25	7,17	12,40	4,37
24	8,90	0,30	15,59	3,91	7,17	11,90	4,41
25	9,27	0,41	15,76	4,09	7,00	12,38	4,39
26	8,94	0,14	15,81	4,22	7,09	11,90	4,51
27	9,07	0,30	15,24	3,81	7,00	11,25	4,38
28	9,20	0,28	15,36	4,17	7,09	12,28	4,47
29	9,42	0,44	15,72	4,25	6,91	11,21	4,37
30	9,13	0,22	15,00	3,81	6,91	12,07	4,39
31	8,43	-0,36	13,89	3,56	5,52	10,96	4,57
32	8,48	-0,16	14,98	3,40	5,99	12,31	4,22
33	8,49	-0,16	14,29	3,56	5,70	10,63	4,60
34	8,32	-0,22	14,75	3,56	5,86	11,90	4,48
35	8,42	-0,34	13,46	2,71	5,30	10,78	4,45
36	8,37	-0,22	15,01	3,69	5,70	12,40	4,49
37	8,41	-0,31	13,51	3,40	5,70	9,55	4,75

Lanjutan Lampiran 27

No.	Produksi (kg)	Luas Lahan (ha)	Tenaga Kerja (Rp)	Bibit (batang)	Pupuk (kg)	Pestisida (Rp)	Manajerial (th)
	$\hat{Y}$	X_1	X_2	X_3	X_4	X_5	X_6
38	8,13	-0,45	14,19	3,22	5,70	9,77	4,52
39	8,17	-0,45	13,70	3,00	5,30	9,90	4,62
40	8,07	-0,54	14,17	3,00	5,30	9,77	4,47
41	8,39	-0,19	15,16	3,40	5,70	11,90	4,65
42	8,01	-0,88	14,25	3,00	5,52	9,85	4,39
43	8,44	-0,36	14,34	2,94	5,30	9,77	4,76
44	8,22	-0,43	13,60	3,00	5,30	9,77	4,56
45	8,12	-0,60	13,66	2,71	5,30	9,77	4,20
46	8,24	-0,43	14,20	2,89	5,52	10,71	4,66
47	8,07	-0,69	14,53	3,22	5,52	11,88	4,64
48	8,16	-0,47	14,13	2,71	5,30	10,71	4,70
49	8,17	-0,86	13,49	2,71	5,30	9,55	4,61
50	8,01	-0,80	14,63	3,00	5,70	10,63	4,66
51	8,15	-0,92	14,57	3,00	5,70	10,66	4,47
52	7,84	-1,20	13,69	2,71	5,30	9,77	4,64
53	8,11	-0,80	14,05	2,30	5,01	9,85	4,55
54	8,39	-0,36	14,91	3,69	5,99	11,82	4,76
55	7,88	-1,05	14,17	2,30	5,30	10,46	4,73
56	8,24	-0,43	14,57	3,22	5,70	10,51	4,75
57	7,95	-0,97	14,20	2,71	5,30	9,77	4,67
58	8,13	-0,39	14,78	3,22	5,70	10,51	4,52
59	8,04	-0,94	14,22	2,30	5,01	10,36	4,48
60	8,35	-0,36	14,44	3,40	5,86	11,43	4,43

Sumber: Analisis Data Primer (2016).

Lampiran 28. Regresi Fungsi Produksi Cobb-Douglas Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Descriptive Statistics

	Mean	Std. Deviation	N
LN Produksi	8.7977	.6940	60
LN Luas Lahan	0.0539	.7238	60
LN Tenaga Kerja	15.0139	.9522	60
LN Benih	3.8530	.9930	60
LN Pupuk	6.3578	.9213	60
LN Pestisida	11.4548	1.1903	60
LN Manajerial	4.4951	.1840	60

Lanjutan Lampiran 28

Correlations

		LN Produksi	LN Luas Lahan	LN Tenaga Kerja	LN Benih	LN Pupuk	LN Pestisida	LN Manajerial
Pearson Correlation	LN Produksi	1.000	.983	.900	.964	.947	.841	-.325
	LN Luas Lahan	.983	1,000	.895	.970	.938	.853	-.328
	LN Tenaga Kerja	.900	.895	1.000	.906	.914	.877	-.278
	LN Benih	.964	.970	.906	1.000	.939	.859	-.292
	LN Pupuk	.947	.938	914	.939	1.000	.858	-.353
	LN Pestisida	.841	.853	.877	.859	.858	1.000	-.306
	LN Manajerial	-.325	-.328	-.278	-.292	-.353	-.306	1.000
Sig. (1-tailed)	LN Produksi	.	.000	.000	.000	.000	.000	.006
	LN Luas Lahan	.000	.	.000	.000	.000	.000	.005
	LN Tenaga Kerja	.000	.000	.	.000	.000	.000	.016
	LN Benih	.000	.000	.000	.	.000	.000	.012
	LN Pupuk	.000	.000	.000	.000	.	.000	.003
	LN Pestisida	.000	.000	.000	.000	.000	.	.009
	LN Manajerial	.006	.005	.016	.012	.003	.009	.
N	LN Produksi	60	60	60	60	60	60	60
	LN Luas Lahan	60	60	60	60	60	60	60
	LN Tenaga Kerja	60	60	60	60	60	60	60
	LN Benih	60	60	60	60	60	60	60
	LN Pupuk	60	60	60	60	60	60	60
	LN Pestisida	60	60	60	60	60	60	60
	LN Manajerial	60	60	60	60	60	60	60

Lanjutan Lampiran 28

Model Summary[b]

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	.987	.973	.970	.11990	.973	321	6	53	.000	1.983

a Predictors: (Constant), LNManajerial, LNTenagaKerja, LNPestisida, LNLuasLahan, LNPupuk, LNBenih
b Dependent Variable: LNProduksi

ANOVA[b]

Model		Sum of Squares	Df	Mean Square	F	Sig.
1	Regression	27,652	6	4,609	320,597	.000(a)
	Residual	.762	53	0,014		
	Total	28,413	59			

a Predictors: (Constant), LNManajerial, LNTenagaKerja, LNPestisida, LNLuasLahan, LNPupuk, LNBenih
b Dependent Variable: LNProduksi

Lanjutan Lampiran 28

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B		Correlations			Collinearity Statistics	
		B	Std. Error	Beta			Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance	VIF
1	(Constant)	7.476	.681		10.977	.000	6.110	8.843					
	LN Luas Lahan	.713	.095	.744	7.503	.000	.523	.904	.983	.718	.169	.051	19.433
	LN Tenaga Kerja	.039	.047	.053	.828	.412	-.055	.133	.900	.113	.019	.122	8.192
	LN Benih	.051	.072	.073	.705	.484	-.094	.195	.964	.096	.016	.048	20.970
	LN Pupuk	.141	.058	.188	2.421	.019	.024	.259	.947	.316	.054	.084	11.896
	LN Pestisida	-.037	.029	-.064	-1.273	.209	-.096	.021	.841	-.172	-.029	.202	4.938
	LN Manajerial	.007	.093	.002	.072	.943	-.179	.193	-.325	.010	.002	.838	1.193

a Dependent Variable: LNProduksi

Lanjutan Lampiran 28.

Coefficient Correlations[a]

Model			LN Manajerial	LN Tenaga Kerja	LN Pestisida	LN Luas Lahan	LN Pupuk	LN Benih
1	Correlations	LN Manajerial	1.000	-.105	.074	.123	.199	-.157
		LN Tenaga Kerja	-.105	1.000	-.387	.007	-.357	-.167
		LN Pestisida	.074	-.387	1.000	-.065	-.079	-.076
		LN Luas Lahan	.123	.007	-.065	1.000	-.249	-.726
		LN Pupuk	.199	-.357	-.079	-.249	1.000	-.225
		LN Benih	-.157	-.167	-.076	-.726	-.225	1.000
	Covariances	LN Manajerial	.009	.000	.000	.001	.001	-.001
		LN Tenaga Kerja	.000	.002	-.001	.000	-.001	-.001
		LN Pestisida	.000	-.001	.001	.000	.000	.000
		LN Luas Lahan	.001	.000	.000	.009	-.001	-.005
		LN Pupuk	.001	-.001	.000	-.001	.003	-.001
		LN Benih	-.001	-.001	.000	-.005	-.001	.005

a Dependent Variable: LNProduksi

Lanjutan Lampiran 28

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions						
				(Constant)	LN Luas Lahan	LN Tenaga Kerja	LN Benih	LN Pupuk	LN Pestisida	LN Manajerial
1	1	5.978	1.000	.000	.000	.000	.000	.000	.000	.000
	2	1.015	2.427	.000	.048	.000	.000	.000	.000	.000
	3	.003	48.481	.018	.810	.001	.400	.065	.017	.219
	4	.003	48.799	.000	.059	.002	.468	.041	.342	.066
	5	.002	58.688	.003	.003	.002	.116	.542	.437	.004
	6	.001	99.271	.217	.051	.246	.000	.340	.159	.606
	7	.000	137.064	.762	.029	.748	.016	.014	.045	.105

a Dependent Variable: LNProduksi

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	7.705	10.301	8.798	.685	60
Residual	-.249	0.221	.000	.114	60
Std. Predicted Value	-1.596	2.196	.000	1.000	60
Std. Residual	-2.079	1.847	.000	.948	60

a Dependent Variable: LNProduksi

Lampiran 29. Produksi, Biaya dan Keuntungan per Hektar Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

No.	Luas Lahan	Produktivitas	Harga	Penerimaan (TR)	Biaya (TC)	Profit
	(ha)	(kg/ha)	(Rp/kg)	(Rp/ha)	(Rp/ha)	(Rp/ha)
1	3,0000	6.000	3.500	21.000.000	8.304.500	12.695.500
2	4,1250	6.958	3.400	23.655.758	8.803.345	14.852.412
3	2,1000	5.905	3.700	21.847.619	7.923.000	13.924.619
4	2,5000	5.680	3.200	18.176.000	7.961.200	10.214.800
5	4,0000	5.600	3.500	19.600.000	7.293.725	12.306.275
6	4,5000	5.422	3.650	19.791.111	8.639.200	11.151.911
7	5,1000	6.039	3.500	21.137.255	11.440.667	9.696.588
8	2,1500	5.395	4.000	21.581.395	6.793.023	14.788.372
9	3,1500	6.762	3.450	23.328.571	9.562.730	13.765.841
10	3,5000	5.657	3.700	20.931.429	10.559.171	10.372.257
11	1,2100	6.116	3.800	23.239.669	7.067.934	16.171.736
12	2,1350	5.948	3.500	20.819.672	9.447.869	11.371.803
13	1,0000	6.800	3.400	23.120.000	7.577.400	15.542.600
14	1,1800	6.186	3.400	21.033.898	8.738.898	12.295.000
15	2,2500	5.689	3.500	19.911.111	10.259.644	9.651.467
16	2,1100	6.066	3.700	22.445.498	9.219.668	13.225.829
17	2,5000	6.560	3.800	24.928.000	11.058.820	13.869.180
18	1,2000	5.750	4.000	23.000.000	8.495.750	14.504.250
19	3,0000	6.800	3.800	25.840.000	11.729.333	14.110.667
20	1,1500	6.261	4.000	25.043.478	6.853.478	18.190.000
21	1,1000	6.727	4.500	30.272.727	9.996.182	20.276.545
22	1,2000	6.000	4.800	28.800.000	10.616.583	18.183.417
23	1,4000	5.143	4.000	20.571.429	8.925.929	11.645.500
24	1,3500	5.407	4.000	21.629.630	9.835.778	11.793.852
25	1,5000	7.067	3.500	24.733.333	9.130.533	15.602.800
26	1,1500	6.609	4.000	26.434.783	12.839.304	13.595.478
27	1,3500	6.444	4.000	25.777.778	7.901.481	17.876.296
28	1,3250	7.472	4.500	33.622.642	9.066.038	24.556.604
29	1,5500	7.935	4.000	31.741.935	9.268.903	22.473.032
30	1,2500	7.360	4.000	29.440.000	7.404.640	22.035.360
31	0,7000	6.571	4.000	26.285.714	5.845.714	20.440.000
32	0,8500	5.647	3.900	22.023.529	8.169.176	13.854.353
33	0,8500	5.706	4.000	22.823.529	6.121.294	16.702.235
34	0,8000	5.125	3.800	19.475.000	7.512.500	11.962.500
35	0,7150	6.336	4.200	26.609.790	5.163.497	21.446.294
36	0,8000	5.375	3.950	21.231.250	8.906.250	12.325.000
37	0,7320	6.148	3.800	23.360.656	5.429.645	17.931.011
38	0,6350	5.354	4.000	21.417.323	7.016.850	14.400.472

Lanjutan Lampiran 29

No.	Luas Lahan	Produktivitas	Harga	Penerimaan (TR)	Biaya (TC)	Profit
	(ha)	(kg/ha)	(Rp/kg)	(Rp/ha)	(Rp/ha)	(Rp/ha)
39	0,6360	5.582	4.500	25.117.925	5.451.101	19.666.824
40	0,5850	5.470	4.000	21.880.342	6.538.803	15.341.538
41	0,8250	5.333	4.300	22.933.333	8.832.485	14.100.848
42	0,4150	7.229	4.450	32.168.675	8.627.952	23.540.723
43	0,7000	6.643	3.900	25.907.143	6.766.143	19.141.000
44	0,6500	5.692	3.950	22.484.615	5.352.154	17.132.462
45	0,5500	6.091	4.000	24.363.636	5.900.727	18.462.909
46	0,6500	5.846	4.000	23.384.615	6.704.000	16.680.615
47	0,5000	6.400	3.850	24.640.000	8.976.600	15.663.400
48	0,6250	5.578	4.000	22.310.400	6.402.400	15.908.000
49	0,4250	8.353	4.000	33.411.765	6.236.941	27.174.824
50	0,4500	6.667	4.100	27.333.333	9.690.667	17.642.667
51	0,4000	8.625	3.800	32.775.000	10.287.500	22.487.500
52	0,3000	8.500	3.800	32.300.000	7.834.333	24.465.667
53	0,4500	7.389	4.000	29.555.556	7.046.000	22.509.556
54	0,7000	6.286	3.500	22.000.000	9.365.286	12.634.714
55	0,3500	7.557	3.800	28.717.143	8.715.429	20.001.714
56	0,6500	5.846	3.400	19.876.923	7.475.231	12.401.692
57	0,3800	7.487	4.150	31.070.395	8.493.947	22.576.447
58	0,6750	5.037	3.800	19.140.741	8.309.481	10.831.259
59	0,3900	7.987	4.000	31.948.718	8.173.590	23.775.128
60	0,7000	6.071	3.500	21.250.000	7.056.429	14.193.571
Rata-rata	**1,3854**	**6.328**	**3.871**	**24.520.863**	**8.251.948**	**16.268.915**

Sumber: Analisis Data Primer (2016).

Lampiran 30. Biaya Tenaga Kerja per Hektar Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

No.	Luas Lahan (ha)	Pra-Tanam (Rp)	Tanam (Rp)	Pra-Panen (Rp)	Panen (Rp)	Total (Rp)
1	3,0000	951.533,33	108.333,33	1.577.333,33	325.966,67	2.963.166,67
2	4,1250	1.440.436,36	130.909,09	992.436,36	270.109,09	2.833.890,91
3	2,1000	979.952,38	128.571,43	1.206.285,71	294.857,14	2.609.666,67
4	2,5000	1.099.080,00	154.000,00	1.189.360,00	272.360,00	2.714.800,00
5	4,0000	1.113.350,00	165.000,00	659.925,00	362.450,00	2.300.725,00
6	4,5000	1.028.755,56	146.666,67	1.556.044,44	322.177,78	3.053.644,44
7	5,1000	1.960.274,51	173.254,90	2.424.470,59	1.617.176,47	6.175.176,47
8	2,1500	991.116,28	153.488,37	981.488,37	316.697,67	2.442.790,70
9	3,1500	1.471.682,54	630.857,14	1.806.476,19	1.004.190,48	4.913.206,35
10	3,5000	2.189.028,57	411.428,57	2.007.342,86	975.085,71	5.582.885,71
11	1,2100	1.081.157,02	123.966,94	562.975,21	321.322,31	2.089.421,49
12	2,1350	1.713.348,95	309.133,49	1.869.508,20	637.845,43	4.529.836,07
13	1,0000	1.294.600,00	300.000,00	805.800,00	344.000,00	2.744.400,00
14	1,1800	1.269.152,54	296.610,17	1.530.508,47	367.203,39	3.463.474,58
15	2,2500	1.860.266,67	266.666,67	1.945.066,67	1.267.200,00	5.339.200,00
16	2,1100	1.870.900,47	331.943,13	1.844.360,19	762.748,82	4.809.952,61
17	2,5000	2.237.380,00	648.000,00	2.204.800,00	1.153.440,00	6.243.620,00
18	1,2000	1.255.666,67	200.000,00	1.184.750,00	432.000,00	3.072.416,67
19	3,0000	2.717.400,00	350.000,00	2.069.233,33	497.700,00	5.634.333,33
20	1,1500	1.355.304,35	130.434,78	580.782,61	278.260,87	2.344.782,61
21	1,1000	2.039.181,82	245.454,55	1.569.545,45	530.181,82	4.384.363,64

Lanjutan Lampiran 30

No.	Luas Lahan (ha)	Pra-Tanam (Rp)	Tanam (Rp)	Pra-Panen (Rp)	Panen (Rp)	Total (Rp)
22	1,2000	2.079.250,00	275.000,00	2.239.000,00	522.500,00	5.115.750,00
23	1,4000	1.323.285,71	285.714,29	1.196.785,71	336.571,43	3.142.357,14
24	1,3500	1.822.962,96	296.296,30	1.465.555,56	768.000,00	4.352.814,81
25	1,5000	2.076.600,00	233.333,33	1.683.666,67	663.600,00	4.657.200,00
26	1,1500	2.585.043,48	521.739,13	2.025.565,22	1.229.217,39	6.361.565,22
27	1,3500	1.900.296,30	166.666,67	546.222,22	458.666,67	3.071.851,85
28	1,3250	1.797.811,32	301.886,79	1.066.792,45	373.132,08	3.539.622,64
29	1,5500	2.489.741,94	376.516,13	1.062.709,68	418.000,00	4.346.967,74
30	1,2500	1.438.880,00	120.000,00	747.840,00	316.320,00	2.623.040,00
31	0,7000	651.714,29	71.428,57	905.142,86	143.142,86	1.771.428,57
32	0,8500	1.267.058,82	282.352,94	1.760.235,29	477.176,47	3.786.823,53
33	0,8500	774.352,94	147.058,82	854.000,00	352.941,18	2.128.352,94
34	0,8000	1.212.750,00	187.500,00	1.461.000,00	316.875,00	3.178.125,00
35	0,7150	673.006,99	83.916,08	386.013,99	140.139,86	1.283.076,92
36	0,8000	1.552.500,00	500.000,00	1.569.875,00	507.000,00	4.129.375,00
37	0,7320	697.814,21	102.459,02	331.147,54	205.327,87	1.336.748,63
38	0,6350	952.755,91	196.850,39	971.968,50	399.212,60	2.520.787,40
39	0,6360	796.855,35	117.924,53	441.981,13	283.018,87	1.639.779,87
40	0,5850	1.043.760,68	213.675,21	960.854,70	433.333,33	2.651.623,93
41	0,8250	1.765.090,91	545.454,55	1.734.181,82	655.636,36	4.700.363,64
42	0,4150	1.717.590,36	301.204,82	1.215.180,72	610.843,37	3.844.819,28

Lanjutan Lampiran 30

No.	Luas Lahan (ha)	Pra-Tanam (Rp)	Tanam (Rp)	Pra-Panen (Rp)	Panen (Rp)	Total (Rp)
43	0,7000	1.129.428,57	214.285,71	1.009.571,43	519.428,57	2.872.714,29
44	0,6500	888.307,69	92.307,69	403.846,15	184.615,38	1.569.076,92
45	0,5500	875.636,36	136.363,64	720.000,00	273.272,73	2.005.272,73
46	0,6500	935.384,62	576.923,08	659.230,77	385.384,62	2.556.923,08
47	0,5000	1.568.400,00	300.000,00	1.594.800,00	608.400,00	4.071.600,00
48	0,6250	707.200,00	480.000,00	860.960,00	387.840,00	2.436.000,00
49	0,4250	1.097.882,35	141.176,47	678.588,24	235.764,71	2.153.411,76
50	0,4500	1.647.555,56	333.333,33	2.226.444,44	800.000,00	5.007.333,33
51	0,4000	1.974.000,00	437.500,00	1.901.750,00	1.008.000,00	5.321.250,00
52	0,3000	1.693.333,33	250.000,00	939.333,33	400.000,00	3.282.666,67
53	0,4500	1.418.666,67	277.777,78	1.036.222,22	563.333,33	3.296.000,00
54	0,7000	1.430.857,14	500.000,00	1.618.000,00	700.000,00	4.248.857,14
55	0,3500	1.577.142,86	285.714,29	1.957.142,86	572.571,43	4.392.571,43
56	0,6500	1.530.461,54	192.307,69	1.076.307,69	466.153,85	3.265.230,77
57	0,3800	1.858.947,37	263.157,89	1.399.736,84	637.894,74	4.159.736,84
58	0,6750	1.682.370,37	444.444,44	1.326.074,07	450.666,67	3.903.555,56
59	0,3900	1.432.307,69	256.410,26	2.080.000,00	513.846,15	4.282.564,10
60	0,7000	1.200.285,71	178.571,43	914.000,00	362.142,86	2.655.000,00
Rata-rata	**1,3854**	**1.453.114,30**	**268.199,51**	**1.293.270,34**	**517.215,73**	**3.531.799,88**

Sumber: Analisis Data Primer (2016).

Lampiran 31. Tingkat Penggunaan Biaya Produksi per Hektar Usahatani padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

No.	Luas Lahan (Rp)	Biaya Produksi		
		Sarana Produksi (Rp)	Tenaga Kerja (Rp)	Total (Rp)
1	3,0000	5.341.333,33	2.963.166,67	8.304.500,00
2	4,1250	5.969.454,55	2.833.890,91	8.803.345,45
3	2,1000	5.313.333,33	2.609.666,67	7.923.000,00
4	2,5000	5.246.400,00	2.714.800,00	7.961.200,00
5	4,0000	4.993.000,00	2.300.725,00	7.293.725,00
6	4,5000	5.585.555,56	3.053.644,44	8.639.200,00
7	5,1000	5.265.490,20	6.175.176,47	11.440.666,67
8	2,1500	4.350.232,56	2.442.790,70	6.793.023,26
9	3,1500	4.649.523,81	4.913.206,35	9.562.730,16
10	3,5000	4.976.285,71	5.582.885,71	10.559.171,43
11	1,2100	4.978.512,40	2.089.421,49	7.067.933,88
12	2,1350	4.918.032,79	4.529.836,07	9.447.868,85
13	1,0000	4.833.000,00	2.744.400,00	7.577.400,00
14	1,1800	5.275.423,73	3.463.474,58	8.738.898,31
15	2,2500	4.920.444,44	5.339.200,00	10.259.644,44
16	2,1100	4.409.715,64	4.809.952,61	9.219.668,25
17	2,5000	4.815.200,00	6.243.620,00	11.058.820,00
18	1,2000	5.423.333,33	3.072.416,67	8.495.750,00
19	3,0000	6.095.000,00	5.634.333,33	11.729.333,33
20	1,1500	4.508.695,65	2.344.782,61	6.853.478,26
21	1,1000	5.611.818,18	4.384.363,64	9.996.181,82
22	1,2000	5.500.833,33	5.115.750,00	10.616.583,33
23	1,4000	5.783.571,43	3.142.357,14	8.925.928,57
24	1,3500	5.482.962,96	4.352.814,81	9.835.777,78
25	1,5000	4.473.333,33	4.657.200,00	9.130.533,33
26	1,1500	6.477.739,13	6.361.565,22	12.839.304,35
27	1,3500	4.829.629,63	3.071.851,85	7.901.481,48
28	1,3250	5.526.415,09	3.539.622,64	9.066.037,74
29	1,5500	4.921.935,48	4.346.967,74	9.268.903,23
30	1,2500	4.781.600,00	2.623.040,00	7.404.640,00
31	0,7000	4.074.285,71	1.771.428,57	5.845.714,29
32	0,8500	4.382.352,94	3.786.823,53	8.169.176,47
33	0,8500	3.992.941,18	2.128.352,94	6.121.294,12
34	0,8000	4.334.375,00	3.178.125,00	7.512.500,00
35	0,7150	3.880.419,58	1.283.076,92	5.163.496,50
36	0,8000	4.776.875,00	4.129.375,00	8.906.250,00
37	0,7320	4.092.896,17	1.336.748,63	5.429.644,81
38	0,6350	4.496.062,99	2.520.787,40	7.016.850,39

Lanjutan Lampiran 31

No.	Luas Lahan (Rp)	Biaya Produksi		
		Sarana Produksi (Rp)	Tenaga Kerja (Rp)	Total (Rp)
39	0,6360	3.811.320,75	1.639.779,87	5.451.100,63
40	0,5850	3.887.179,49	2.651.623,93	6.538.803,42
41	0,8250	4.132.121,21	4.700.363,64	8.832.484,85
42	0,4150	4.783.132,53	3.844.819,28	8.627.951,81
43	0,7000	3.893.428,57	2.872.714,29	6.766.142,86
44	0,6500	3.783.076,92	1.569.076,92	5.352.153,85
45	0,5500	3.895.454,55	2.005.272,73	5.900.727,27
46	0,6500	4.147.076,92	2.556.923,08	6.704.000,00
47	0,5000	4.905.000,00	4.071.600,00	8.976.600,00
48	0,6250	3.966.400,00	2.436.000,00	6.402.400,00
49	0,4250	4.083.529,41	2.153.411,76	6.236.941,18
50	0,4500	4.683.333,33	5.007.333,33	9.690.666,67
51	0,4000	4.966.250,00	5.321.250,00	10.287.500,00
52	0,3000	4.551.666,67	3.282.666,67	7.834.333,33
53	0,4500	3.750.000,00	3.296.000,00	7.046.000,00
54	0,7000	5.116.428,57	4.248.857,14	9.365.285,71
55	0,3500	4.322.857,14	4.392.571,43	8.715.428,57
56	0,6500	4.210.000,00	3.265.230,77	7.475.230,77
57	0,3800	4.334.210,53	4.159.736,84	8.493.947,37
58	0,6750	4.405.925,93	3.903.555,56	8.309.481,48
59	0,3900	3.891.025,64	4.282.564,10	8.173.589,74
60	0,7000	4.401.428,57	2.655.000,00	7.056.428,57
Rata-rata	**1,3854**	**4.720.147,68**	**3.531.799,88**	**8.251.947,56**

Sumber: *Analisis Data Primer (2016).*

Lampiran 32. Hasil Analisis Two Sample z-test Perbedaan Keuntungan Usahatani Padi Skala Lahan Petani Sempit dan Luas di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Test: Two Sample for Means

Keuntungan	Sempit	Luas
Mean	14.691.333	17.846.497
Known Variance	14.927.100.000.000	18.555.200.000.000
Observations	30	30
Hypothesized Mean Difference	0	
z	-2,987	
P(Z<=z) one-tail	0,001	
z Critical one-tail	2,326	
P(Z<=z) two-tail	0,003	
z Critical two-tail	2,576	

Lampiran 33. Fungsi Keuntungan Linier Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

No.	Keuntungan (Rp)	Produksi (kg)	Harga Jual (Rp)	Biaya Produksi (Rp)
	$\hat{Y}$	X_1	X_2	X_3
1	38.086.500,00	18.000,00	3.500,00	24.913.500,00
2	61.266.200,00	28.700,00	3.400,00	36.313.800,00
3	29.241.700,00	12.400,00	3.700,00	16.638.300,00
4	25.537.000,00	14.200,00	3.200,00	19.903.000,00
5	49.225.100,00	22.400,00	3.500,00	29.174.900,00
6	50.183.600,00	24.400,00	3.650,00	38.876.400,00
7	49.452.600,00	30.800,00	3.500,00	58.347.400,00
8	31.795.000,00	11.600,00	4.000,00	14.605.000,00
9	43.362.400,00	21.300,00	3.450,00	30.122.600,00
10	36.302.900,00	19.800,00	3.700,00	36.957.100,00
11	19.567.800,00	7.400,00	3.800,00	8.552.200,00
12	24.278.800,00	12.700,00	3.500,00	20.171.200,00
13	15.542.600,00	6.800,00	3.400,00	7.577.400,00
14	14.508.100,00	7.300,00	3.400,00	10.311.900,00
15	21.715.800,00	12.800,00	3.500,00	23.084.200,00
16	27.906.500,00	12.800,00	3.700,00	19.453.500,00
17	34.672.950,00	16.400,00	3.800,00	27.647.050,00
18	17.405.100,00	6.900,00	4.000,00	10.194.900,00
19	42.332.000,00	20.400,00	3.800,00	35.188.000,00
20	20.918.500,00	7.200,00	4.000,00	7.881.500,00
21	22.304.200,00	7.400,00	4.500,00	10.995.800,00
22	21.820.100,00	7.200,00	4.800,00	12.739.900,00
23	16.303.700,00	7.200,00	4.000,00	12.496.300,00
24	15.921.700,00	7.300,00	4.000,00	13.278.300,00
25	23.404.200,00	10.600,00	3.500,00	13.695.800,00
26	15.634.800,00	7.600,00	4.000,00	14.765.200,00
27	24.133.000,00	8.700,00	4.000,00	10.667.000,00
28	32.537.500,00	9.900,00	4.500,00	12.012.500,00
29	34.833.200,00	12.300,00	4.000,00	14.366.800,00
30	27.544.200,00	9.200,00	4.000,00	9.255.800,00
31	14.308.000,00	4.600,00	4.000,00	4.092.000,00
32	11.776.200,00	4.800,00	3.900,00	6.943.800,00
33	14.196.900,00	4.850,00	4.000,00	5.203.100,00
34	9.570.000,00	4.100,00	3.800,00	6.010.000,00
35	15.334.100,00	4.530,00	4.200,00	3.691.900,00
36	9.860.000,00	4.300,00	3.950,00	7.125.000,00
37	13.125.500,00	4.500,00	3.800,00	3.974.500,00
38	9.144.300,00	3.400,00	4.000,00	4.455.700,00

Lanjutan Lampiran 33

No.	Keuntungan (Rp)	Produksi (kg)	Harga Jual (Rp)	Biaya Produksi (Rp)
	$\hat{Y}$	X_1	X_2	X_3
39	12.508.100,00	3.550,00	4.500,00	3.466.900,00
40	8.974.800,00	3.200,00	4.000,00	3.825.200,00
41	11.633.200,00	4.400,00	4.300,00	7.286.800,00
42	9.769.400,00	3.000,00	4.450,00	3.580.600,00
43	13.398.700,00	4.650,00	3.900,00	4.736.300,00
44	11.136.100,00	3.700,00	3.950,00	3.478.900,00
45	10.154.600,00	3.350,00	4.000,00	3.245.400,00
46	10.842.400,00	3.800,00	4.000,00	4.357.600,00
47	7.831.700,00	3.200,00	3.850,00	4.488.300,00
48	9.942.500,00	3.486,00	4.000,00	4.001.500,00
49	11.549.300,00	3.550,00	4.000,00	2.650.700,00
50	7.939.200,00	3.000,00	4.100,00	4.360.800,00
51	8.995.000,00	3.450,00	3.800,00	4.115.000,00
52	7.339.700,00	2.550,00	3.800,00	2.350.300,00
53	10.129.300,00	3.325,00	4.000,00	3.170.700,00
54	8.844.300,00	4.400,00	3.500,00	6.555.700,00
55	7.000.600,00	2.645,00	3.800,00	3.050.400,00
56	8.061.100,00	3.800,00	3.400,00	4.858.900,00
57	8.579.050,00	2.845,00	4.150,00	3.227.700,00
58	7.311.100,00	3.400,00	3.800,00	5.608.900,00
59	9.272.300,00	3.115,00	4.000,00	3.187.700,00
60	9.935.500,00	4.250,00	3.500,00	4.939.500,00

Sumber: Analisis Data Primer (2016).

Lampiran 35. Regresi Fungsi Keuntungan Cobb-Douglas Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

Descriptive Statistics

	Mean	Std. Deviation	N
Ln_Keuntungan	16.6242	59607	60
Ln_Produksi	8.7977	69396	60
Ln_Hargaoutput	8.2580	08140	60
Ln_BiayaProduksi	15.9591	82996	60

Correlations

		LNKeuntungan	LNProduksi	LNHargaOutput	LNBiaya
Pearson Correlation	LNKeuntungan	1.000	.969	-.268	902.000
	LNProduksi	0.969	1.000	-.440	971.000
	LNHargaOutput	-.268	-.440	1.000	-418.000
	LNBiaya	.902	.971	-.418	1.000
Sig. (1-tailed)	LNKeuntungan	.	.000	.019	.000
	LNProduksi	.000	.	.000	.000
	LNHargaOutput	.019	.000	.	.000
	LNBiaya	.000	.000	.000	.
N	LNKeuntungan	60	60	60	60
	LNProduksi	60	60	60	60
	LNHargaOutput	60	60	60	60
	LNBiaya	60	60	60	60

Lanjutan Lampiran 35

Model Summary[b]

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)	.998	.998	.028	.998	8.898	3	56	.000	2.407

a Predictors: (Constant), LNBiaya, LNHargaOutput, LNProduksi
b Dependent Variable: LNKeuntungan

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	20.918	3	6.973	8.898	.000
	Residual	.044	56	.001		
	Total	20.962	59			

a Predictors: (Constant), LNBiaya, LNHargaOutput, LNProduksi
b Dependent Variable: LNKeuntungan

Lanjutan Lampiran 35

Coefficients[a]

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B		Correlations			Collinearity Statistics	
	B	Std. Error	Beta			Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance	VIF
(Constant)	-.858	.445		-1.927	0,059	-1.751	.034					
LN Produksi	1.489	.022	1.733	67.407	0,000	1.445	1.533	.969	.994	.412	.057	17.688
LN Harga Output	1.495	.050	.204	29.961	0,000	1.395	1.595	-.268	.970	.183	.805	1.243
LN Biaya	-.499	.018	-.695	-27339	0,000	-.536	-.463	.902	-.965	-.167	.058	17.283

a Dependent Variable: LNKeuntungan

Coefficient Correlations[a]

Model			LN Biaya	LN HargaOutput	LN Produksi
1	Correlations	LNBiaya	1,000	(0,042)	(964)
		LNHargaOutput	(0,042)	1,000	157
		LNProduksi	(0,964)	0,157	1.000
	Covariances	LNBiaya	0,000	(0,000)	0,000
		LNHargaOutput	(0,000)	0,002	0,000
		LNProduksi	(0,000)	0,000	0,000

a Dependent Variable: LNKeuntungan

Lanjutan Lampiran 35

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	LN Produksi	LN Harga Output	LN Biaya
1	1	3.995	1.000	.00	.00	.00	.00
	2	.005	28.814	.00	.03	.00	.00
	3	.000	196.074	.01	.97	.02	.09
	4	.000	333.221	.99	.00	.97	.01

a Dependent Variable: LNKeuntungan

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	15.7490	17.8962	16.6242	.5954	60
Residual	-.0915	.0345	-.0000	.0273	60
Std. Predicted Value	-1.470	2.136	.000	1.000	60
Std. Residual	-3.269	1.233	-.000	.974	60

a Dependent Variable: LNKeuntungan

Lampiran 34. Fungsi Keuntungan Cobb-Douglas Usahatani Padi di Kecamatan Tanggul, Kabupaten Jember Tahun 2016

No.	Keuntungan (Rp)	Produksi (kg)	Harga Jual (Rp)	Biaya Produksi (Rp)
	$\hat{Y}$	X_1	X_2	X_3
1	17,46	9,80	8,16	17,03
2	17,93	10,26	8,13	17,41
3	17,19	9,43	8,22	16,63
4	17,06	9,56	8,07	16,81
5	17,71	10,02	8,16	17,19
6	17,73	10,10	8,20	17,48
7	17,72	10,34	8,16	17,88
8	17,27	9,36	8,29	16,50
9	17,59	9,97	8,15	17,22
10	17,41	9,89	8,22	17,43
11	16,79	8,91	8,24	15,96
12	17,01	9,45	8,16	16,82
13	16,56	8,82	8,13	15,84
14	16,49	8,90	8,13	16,15
15	16,89	9,46	8,16	16,95
16	17,14	9,46	8,22	16,78
17	17,36	9,71	8,24	17,14
18	16,67	8,84	8,29	16,14
19	17,56	9,92	8,24	17,38
20	16,86	8,88	8,29	15,88
21	16,92	8,91	8,41	16,21
22	16,90	8,88	8,48	16,36
23	16,61	8,88	8,29	16,34
24	16,58	8,90	8,29	16,40
25	16,97	9,27	8,16	16,43
26	16,57	8,94	8,29	16,51
27	17,00	9,07	8,29	16,18
28	17,30	9,20	8,41	16,30
29	17,37	9,42	8,29	16,48
30	17,13	9,13	8,29	16,04
31	16,48	8,43	8,29	15,22
32	16,28	8,48	8,27	15,75
33	16,47	8,49	8,29	15,46
34	16,07	8,32	8,24	15,61
35	16,55	8,42	8,34	15,12
36	16,10	8,37	8,28	15,78
37	16,39	8,41	8,24	15,20

Lanjutan Lampiran 34

No.	Keuntungan (Rp)	Produksi (kg)	Harga Jual (Rp)	Biaya Produksi (Rp)
	$\hat{Y}$	X_1	X_2	X_3
38	16,03	8,13	8,29	15,31
39	16,34	8,17	8,41	15,06
40	16,01	8,07	8,29	15,16
41	16,27	8,39	8,37	15,80
42	16,09	8,01	8,40	15,09
43	16,41	8,44	8,27	15,37
44	16,23	8,22	8,28	15,06
45	16,13	8,12	8,29	14,99
46	16,20	8,24	8,29	15,29
47	15,87	8,07	8,26	15,32
48	16,11	8,16	8,29	15,20
49	16,26	8,17	8,29	14,79
50	15,89	8,01	8,32	15,29
51	16,01	8,15	8,24	15,23
52	15,81	7,84	8,24	14,67
53	16,13	8,11	8,29	14,97
54	16,00	8,39	8,16	15,70
55	15,76	7,88	8,24	14,93
56	15,90	8,24	8,13	15,40
57	15,96	7,95	8,33	14,99
58	15,80	8,13	8,24	15,54
59	16,04	8,04	8,29	14,97
60	16,11	8,35	8,16	15,41

Sumber: Analisis Data Primer (2016).

Lampiran 36. Instrumen Penelitian

DAFTAR PERTANYAAN
ANALISIS BIAYA DAN KEUNTUNGAN
USAHATANI PADI
(Studi Kasus di Kecamatan Tanggul, Kabupaten Jember)

I. IDENTITAS RUMAH TANGGA PETANI

1. **Nama Petani** : **……..**
2. **Alamat :**
   a. RT/RW : ……..
   b. Dusun : ……..
   c. Desa : ……..
   d. RT/RW : ……..
   e. Kabupaten : Jember
3. **U m u r** : ……. tahun
4. **Pendidikan** :
   (1) Tidak Sekolah
   (2) SD klas 1 s/d 3
   (3) SD klas 4 s/d 6
   (4) SLTP tidak tamat
   (5) SLTP tamat
   (6) SLTA tidak tamat
   (7) SLTA tamat
   (8) Pernah Kuliah
   (9) Akademi
   (10) Perguruan Tinggi
5. **Pekerjaan (pengalaman kerja)** :
   (1) Utama : …… (…. th)
   (2) Sampingan : …… (…. th)
   …… (…. th)
   …… (…. th)
   …… (…. th)

Nomor Responden : ……

Nama Pewawancara : ……

Tanggal Wawancara : ……

Wawancara Jam …….s/d ……..

II. Penggunaan Tenaga Kerja

Macam Pekerjaan	T/P/W	Tenaga Kerja Keluarga					Tenaga kerja Luar Keluarga					Upah/HK	Nilai TK
		JO	HK/O	JHK	JK/HK	JJK	JO	HK/O	JHK	JK/HK	JJK		
1 Pesemaian													
a. Mengolah tanah	P												
b. Sebar benih	P												
c. Pemupukan	P												
2 Pengolahan tanah													
a. Membajak 1	T												
b. Membajak 2	T												
c. Membajak 3	T												
d. Memacul	P												
3 Penanaman	P												
	W												
4 Pengairan													
a. Pertama	P												
b. Kedua	P												
5 Pemupukan													
a. Pupuk pertama	P												
	W												
b. Pupuk kedua	P												
	W												
c. Pupuk ketiga	P												
	W												
6 Pengendalian hama- penyakit													
a. Pertama	P												
b. Kedua	P												
7 Penyiangan													
a. Pertama	P												
	W												
b. Kedua	P												
	W												
8 Panen													
a. Pemungutan hasil	P												
	W												
b. Pengangkutan	P												
	W												
c. Penjemuran	P												
	W												

III. Luas Usahatani Padi

Status lahan	Sawah (ha)
1. Milik sendiri	……
2. Sewa	……
3. Sakap	……
4. …….	……

IV. Sarana produksi

Jenis Sarana Produksi	Jumlah fisik		Harga/unit	Frekuensi	Nilai
	kg/gr	lt/cc			
1. Benih					
2. Pupuk a. Urea b. SP-36 c. ZAl d. Phonska					
3. Pestisida					
a. ……. b. …….					

V. PENERIMAAN HASIL

Uraian	**Satuan**	**Nilai**
I. Penerimaan:		
Produksi	kg	
Harga satuan	Rp/kg	
Nilai	Rp	
II. Pengeluaran	Rp	
III. Keuntungan	Rp	

VI. Lain-Lain

1. Produksi dijual kepada: (1) Tengkulak (2) KUD (3) Pedagang besar (4) lainnya: ……
2. Hasil produksi dijual dengan cara: (1) segera setelah panen (2) disimpan dulu sebelum dijual
3. Kendala yang dijumpai dalam pemasaran hasil:

   ……

   ……

   ……

   ……
4. Kendala yang dijumpai dalam kegiatan usahatani:
   a. ……
   b. ……
   c. ……
   d. ……
   e. ……
5. Aktivitas mengikuti penyuluhan pertanian: (pernah/tidak pernah)
   a. Berapa kali: …. kali
   b. Oleh siapa: ……
   c. Di mana : ……
6. Apakah bapak pernah mendapat pinjaman dari lembaga keuangan:
   .....
7. Jika pernah berapa .....% bunganya, apakah ada jaminan pinjaman?.....
   berupa apa saja?.....
8. Apakah modal yang bapak miliki saat ini sudah cukup:.....
9. Apakah bapak pernah mendapat bantuan dari pemerintah:.....
10. Jika pernah, dalam bentuk apa bantuannya ?.....

Lampiran 37. Peta Wilayah Kecamatan Tanggul