

LAMPIRAN

Lampiran 1. Hasil Analisis regresi logistik faktor-faktor yang mempengaruhi petani dalam pemilihan benih bersertifikat pada usahatani padi di Kabupaten Bantul menggunakan SPSS.

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	100	100.0
	Missing Cases	0	.0
	Total	100	100.0
Unselected Cases		0	.0
Total		100	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
benih non sertifikat	0
benih bersertifikat	1

Block 0: Beginning Block

Iteration History^{a,b,c}

Iteration		-2 Log likelihood	Coefficients
			Constant
Step 0	1	89.212	1.360
	2	87.943	1.632
	3	87.934	1.658
	4	87.934	1.658

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 87.934

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Block 1: Method = Enter**Iteration History^{a,b,c,d}**

Iteration	-2 Log likelihood	Coefficients									
		Constant	x1	x2	x3	x4	x5	x6	d1	d2	d3
1	74.682	-0.063	0.004	0.184	0.212	-0.009	0.363	-0.281	0.006	0.657	0.089
2	63.815	-0.613	0.013	0.292	0.348	-0.023	0.849	-0.59	-0.176	1.175	0.164
3	57.992	-0.712	0.022	0.26	0.306	-0.037	1.673	-0.871	-0.548	1.528	0.17
4	53.959	-0.712	0.028	0.179	0.15	-0.053	3.016	-1.145	-1.076	1.86	0.158
5	51.923	-1.1	0.032	0.164	0.06	-0.07	4.596	-1.402	-1.535	2.156	0.198
6	51.18	-1.75	0.031	0.189	0.026	-0.08	6.092	-1.561	-1.84	2.301	0.22
7	50.956	-2.63	0.03	0.202	0.013	-0.083	7.309	-1.613	-1.955	2.346	0.223
8	50.882	-3.623	0.03	0.204	0.01	-0.083	8.349	-1.619	-1.97	2.352	0.222
9	50.855	-4.627	0.03	0.204	0.01	-0.083	9.356	-1.62	-1.971	2.352	0.222
Step 10	50.845	-5.629	0.03	0.204	0.01	-0.083	10.359	-1.62	-1.971	2.352	0.222
11	50.841	-6.63	0.03	0.204	0.01	-0.083	11.359	-1.62	-1.971	2.352	0.222
12	50.84	-7.63	0.03	0.204	0.01	-0.083	12.36	-1.62	-1.971	2.352	0.222
13	50.84	-8.63	0.03	0.204	0.01	-0.083	13.36	-1.62	-1.971	2.352	0.222
14	50.839	-9.63	0.03	0.204	0.01	-0.083	14.36	-1.62	-1.971	2.352	0.222
15	50.839	-10.631	0.03	0.204	0.01	-0.083	15.36	-1.62	-1.971	2.352	0.222
16	50.839	-11.631	0.03	0.204	0.01	-0.083	16.36	-1.62	-1.971	2.352	0.222
17	50.839	-12.631	0.03	0.204	0.01	-0.083	17.36	-1.62	-1.971	2.352	0.222
18	50.839	-13.631	0.03	0.204	0.01	-0.083	18.36	-1.62	-1.971	2.352	0.222
19	50.839	-14.631	0.03	0.204	0.01	-0.083	19.36	-1.62	-1.971	2.352	0.222
20	50.839	-15.631	0.03	0.204	0.01	-0.083	20.36	-1.62	-1.971	2.352	0.222

- a. Method: Enter
 b. Constant is included in the model.
 c. Initial -2 Log Likelihood: 87.934
 d. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	37.095	9	.000
	Block	37.095	9	.000
	Model	37.095	9	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	50.839 ^a	.310	.530

- a. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	Df	Sig.
1	1.085	7	.993

Classification Table^a

		Predicted		
		benih		Percentage Correct
Observed	benih non sertifikat	benih bersertifikat		
Step 1	benih non sertifikat	7	9	43.8
	benih bersertifikat	5	79	94.0
	Overall Percentage			86.0

- a. The cut value is .500

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I. for EXP(B)	
							Lower	Upper
Step 1 ^a x1	.030	.055	.294	1	.588	1.030	.925	1.147
x2	.204	.378	.291	1	.589	1.226	.585	2.570
x3	.010	.530	.000	1	.985	1.010	.358	2.853
x4	-.083	.043	3.850	1	.050	.920	.846	1.000
x5	20.360	2.778E3	.000	1	.994	6.953E8	.000	.
x6	-1.620	.683	5.628	1	.018	.198	.052	.755
d1	-1.971	1.344	2.150	1	.143	.139	.010	1.942
d2	2.352	1.076	4.777	1	.029	10.511	1.275	86.655
d3	.222	.688	.104	1	.747	1.249	.324	4.813
Constant	-15.631	2.778E3	.000	1	.996	.000		

a. Variable(s) entered on step 1: x1, x2, x3, x4, x5, x6, d1, d2, d3.

Lampiran 2. Hasil uji beda rata-rata pendapatan petani yang menggunakan benih bersertifikat dan non sertifikat menggunakan SPSS.

1. Uji beda rata-rata pendapatan petani yang menggunakan benih bersertifikat pada musim kemarau.

Group Statistics

	Benih	N	Mean	Std. Deviation	Std. Error Mean
pendapatan	benih non sertifikat	9	8.15E6	3536374.645	1178791.548
	benih bersertifikat	41	1.28E7	4870584.056	760657.435

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	Df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
pendapatan	Equal variances assumed	1.503	0.226	-2.704	48	0.009	-4653634	1720794	-8113522	-1193746
	Equal variances not assumed			-3.317	15.511	0.005	-4653634	1402907	-7635295	-1671973

2. Uji beda rata-rata pendapatan petani yang menggunakan benih bersertifikat pada musim hujan.

Group Statistics

Benih		N	Mean	Std. Deviation	Std. Error Mean
pendapatan	benih non sertifikat	7	7.13E6	3946089.416	1491481.606
	benih bersertifikat	43	1.12E7	4651659.608	709371.440

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
pendapatan	Equal variances assumed	0.203	0.654	-2.166	48	0.035	-4033134	1862359	-7777657	-288611
	Equal variances not assumed			-2.442	8.956	0.037	-4033134	1651583	-7772068	-294199

Lampiran 3. Peluang pemilihan benih bersertifikat pada usahatani padi di Kabupaten Bantul.

	β_0	β_1	β_2	β_3	β_4	β_5	β_6	d1	d2	d3			
	-15,631	0,030	0,204	0,204	-0,083	20,360	-1,620	-1,971	2,352	0,222			
VARIABEL	Benih	usia	Anggota keuarga	Pengalaman Pendidikan	Pendapatan bertani	Pendapatan UT	Pendapatan luar UT	Partisipasi Kelompok	Status kepemilikan	musim	E (BENIH)	A	P (BENIH)
	Y	X1	X2	X3	X4	X5	X6	D1	D2	D3	$\text{Log}(\text{BENIH}) = \beta_0 + \beta$	Exp E (BENIH)	A/(1-A)
1 Kamijo	1	70	1	3	14	2	1	1	1	1	25,79633584	1,59664E+11	1
2 Suyadi	1	67	5	2	30	2	1	1	0	1	22,63058984	6735041682	1
3 Kuadi	1	60	5	0	30	1	2	1	0	1	0,035841249	1,03649129	0,508959353
4 Wiji	1	62	4	2	32	2	2	1	0	1	20,49183166	793394917,2	0,999999999
5 Behari	1	67	1	3	30	2	1	1	1	1	24,37152536	38407760107	1
6 Arzani	1	52	2	1	25	1	2	1	1	1	2,160685609	8,677084711	0,896663093
7 Zaidun	1	62	3	3	25	3	4	1	1	1	40,54918375	4,07649E+17	1
8 Zaini	1	73	2	0	60	1	1	1	1	1	1,277452991	3,587490709	0,782015907
9 Sarjono	1	66	2	3	50	2	3	0	1	1	21,60777931	2421805831	1
10 Suyono	1	64	3	1	50	1	1	0	0	1	1,871692499	6,499287134	0,866653992
11 H Kamijan	1	65	4	4	50	3	4	0	1	1	40,92974079	5,96432E+17	1
12 Daliyo	1	65	2	3	15	5	1	0	1	1	88,81889267	3,74589E+38	1
13 Sarjono	1	57	3	1	40	3	4	1	1	1	38,74089734	6,68279E+16	1
14 Seneng	1	57	5	1	40	2	1	1	1	1	23,64759352	18621702180	1
15 Sukirman	1	51	3	1	30	1	3	1	1	1	0,297763698	1,346843489	0,573895743
16 Sumarjo	1	60	4	3	30	5	5	1	1	1	79,37622623	2,96932E+34	1
17 surono	1	61	3	1	24	3	2	0	1	1	45,40575485	5,24166E+19	1
18 sis rujo	1	66	2	1	50	1	2	0	0	1	0,113587222	1,113587222	0,52687072
19 supriyadi	1	50	3	3	10	1	2	0	0	1	3,583854862	36,01209528	0,972981805
20 Ngadiran	1	66	2	4	32	2	4	0	1	1	21,69474701	2641854613	1
21 Gisar	1	50	3	1	15	1	2	1	0	1	0,787665195	2,198257926	0,687329783
22 Zaiman	1	60	3	1	37	2	1	1	0	1	21,2270566	1654983046	0,999999999
23 Agung nugroho	1	40	4	3	19	3	1	1	0	1	43,10773525	5,26564E+18	1
24 yazani	1	53	4	1	43	2	1	1	1	1	23,07464375	10500027848	1
25 zahri K	1	61	3	1	5	2	1	1	0	1	23,92833726	24657260986	1
26 hasimi	1	53	2	2	31	1	1	1	0	1	1,160491313	3,191500917	0,761421978
27 Suladi	1	64	2	2	50	4	2	1	1	1	61,71276752	6,33161E+26	1
28 Suhardi	1	62	2	3	7	1	3	1	1	1	2,748147771	15,61368496	0,939808658
29 Sumadi	1	59	3	2	16	2	4	1	1	1	20,64794054	927441740,5	0,999999999
30 Erna	1	50	3	3	16	1	3	1	1	1	1,844553851	6,325277142	0,863486394
31 Sutikno	1	57	3	2	45	4	2	0	1	1	64,09746691	6,87347E+27	1
32 Wakijo	1	68	4	1	48	1	1	1	0	1	0,390031884	1,477027887	0,596290375
33 Siwo Winoto	1	80	3	1	57	4	1	1	1	1	63,22266947	2,86587E+27	1
34 Alip Ismail	1	56	5	1	36	3	1	1	0	1	41,95931618	1,66993E+18	1
35 Trisno Wiyoto	1	68	2	1	50	5	1	0	0	1	83,22581579	1,3948E+36	1
36 Suroso	1	38	4	2	20	2	2	1	0	1	20,78165293	1060125278	0,999999999
37 Subagiono	1	50	4	3	10	4	4	1	0	1	59,65673842	8,102E+25	1
38 Walmaji	1	50	1	1	40	1	1	1	0	1	-0,087531614	0,916189907	0,478131058
39 Ponidi	1	74	2	1	55	1	1	0	1	1	3,899496868	49,3775994	0,980149908
40 Naryoko	1	53	2	2	35	2	1	0	1	1	25,50985554	1,19892E+11	1
41 nurwahidan	1	40	7	3	5	2	1	1	0	1	24,52819109	44921892194	1
42 Siswanto	1	39	3	1	16	1	2	1	1	1	2,730205714	15,33604153	0,93878566
43 Suwinto Hadi	1	74	2	3	58	2	4	1	1	1	17,58646992	43421701,85	0,999999977
44 Widodo	0	57	2	1	40	1	1	1	0	1	0,323958662	1,382590153	0,580288704
45 Jayadi	0	64	2	1	5	1	3	1	0	1	0,214454896	1,239186228	0,553409186
46 Warno Sugianto	0	80	4	1	50	1	2	0	0	1	0,930567089	2,535946877	0,717190321
47 Nuryanto	0	50	3	3	20	1	3	1	1	1	1,510602276	4,529457958	0,819150447
48 Marzuki	0	66	2	3	58	1	4	0	1	1	-1,039568297	0,353607302	0,2612333
49 Wahyudi	0	43	3	1	25	1	2	1	1	1	2,097486914	8,145673391	0,89065868
50 Tugino	0	54	3	1	34	1	1	1	0	1	0,939695693	2,559202517	0,719038185

51	Kamijo	1	70	1	3	22	2	1	1	1	0	24,90603281	6554696034	1
52	Suyadi	1	67	5	2	30	2	1	1	0	0	22,40818995	5392041728	1
53	Kuadi	1	60	5	0	30	1	2	1	0	0	-0,186558637	0,829809903	0,453495143
54	Wiji	1	62	4	2	32	2	2	1	0	0	20,26943177	635188125,4	0,999999998
55	Behari	1	67	1	3	30	2	1	1	1	0	24,14912548	30749066593	1
56	Arzani	1	52	2	1	25	1	2	1	1	0	1,938285723	6,946831965	0,874163691
57	Zaidun	1	62	3	3	25	2	4	1	1	0	19,96696764	469400845,1	0,999999998
58	Zaini	1	73	2	0	60	1	1	1	1	0	1,055053105	2,872127674	0,741744053
59	Sarjono	1	66	2	3	50	2	3	0	1	0	21,38537942	1938886010	0,999999999
60	Suyono	1	64	3	1	50	1	1	0	0	0	1,649292613	5,20329778	0,838795422
61	H Kamijan	1	65	4	4	50	2	4	0	1	0	20,34752468	686780080,4	0,999999999
62	Daliyo	1	65	3	3	15	4	1	0	1	0	68,44049041	5,28844E+29	1
63	Sarjono	1	57	3	1	40	2	4	1	1	0	18,15868123	76951139,89	0,999999987
64	Seneng	1	57	5	1	40	1	1	1	1	0	3,06537741	21,4425531	0,95544179
65	Sumarjo	1	60	4	3	30	5	5	1	1	0	79,15382634	2,37722E+34	1
66	surono	1	61	3	1	24	3	2	0	1	0	45,18335496	4,19645E+19	1
67	sis ruijo	1	66	2	1	50	1	2	0	0	0	-0,11481335	0,891532533	0,471328152
68	supriyadi	1	50	3	3	10	1	2	0	0	0	3,361454976	28,83110894	0,966477948
69	Ngadiran	1	66	2	4	32	2	4	0	1	0	21,47234713	2115055999	1
70	Gisar	1	50	3	1	15	1	2	1	0	0	0,565265309	1,759914641	0,637669954
71	Zaiman	1	60	3	1	37	1	1	1	0	0	0,64484049	1,90568303	0,655846839
72	Agung nugroho	1	40	4	3	19	3	1	1	0	0	42,88533536	4,21565E+18	1
73	yazani	1	53	4	1	43	1	1	1	1	0	2,492427635	12,09059207	0,923609261
74	zahri K	1	61	3	1	5	2	1	1	0	0	23,70593737	19740483640	1
75	hasimi	1	53	2	2	31	1	1	1	0	0	0,938091427	2,555100166	0,718713973
76	Suladi	1	64	2	2	50	3	2	1	1	0	41,13055141	7,29074E+17	1
77	Suhardi	1	62	2	3	7	1	3	1	1	0	2,525747884	12,5002405	0,925927246
78	Sumadi	1	59	3	2	16	1	4	1	1	0	0,065724426	1,067932382	0,516425194
79	Erna	1	50	3	3	16	1	3	1	1	0	1,622153964	5,063986224	0,835091974
80	Sutikno	1	57	3	2	45	4	2	0	1	0	63,87506703	5,50287E+27	1
81	Siwo Winoto	1	80	3	1	57	4	1	1	1	0	63,00026959	2,2944E+27	1
82	Alip Ismail	1	56	5	1	36	3	1	1	0	0	41,73691629	1,33694E+18	1
83	Trisno Wiyoto	1	68	2	1	50	5	1	0	0	0	83,0034159	1,11667E+36	1
84	Suroso	1	38	4	2	20	2	2	1	0	0	20,55925304	848731159,7	0,999999999
85	Subagiono	1	50	4	3	10	4	4	1	0	0	59,43433854	6,48642E+25	1
86	Nuryanto	1	50	3	3	20	1	3	1	1	0	1,28820239	3,626262088	0,78384277
87	Ponidi	1	74	2	1	55	1	1	0	1	0	3,677096982	39,53146676	0,975327811
88	Naryoko	1	53	2	2	35	2	1	0	1	0	25,28745565	95984797272	1
89	nurwahidan	1	40	5	3	7	2	1	1	0	0	23,73118771	20245283981	1
90	Siswanto	1	39	3	1	16	1	2	1	1	0	2,507805827	12,27796052	0,924687229
91	Suwirto Hadi	1	74	2	3	58	2	4	1	1	0	17,36407003	34763204,05	0,999999971
92	Sukirman	0	51	3	1	30	1	3	1	1	0	0,075363812	1,078276369	0,51883204
93	Widodo	0	57	2	1	40	1	1	1	0	0	0,101558776	1,106894975	0,525367894
94	Jayadi	0	64	2	1	5	1	3	1	0	0	-0,00794499	0,992086488	0,498013763
95	Wakijo	0	68	4	1	48	1	1	1	0	0	0,167631998	1,182501368	0,541810138
96	Warno Sugianto	0	80	4	1	50	1	2	0	0	0	0,708167203	2,030266779	0,669996052
97	Walmaji	0	50	1	1	40	1	1	1	0	0	-0,3099315	0,733497199	0,423131459
98	Marzuki	0	66	2	3	58	1	4	0	1	0	-1,261968184	0,283096292	0,220635266
99	Wahyudi	0	43	3	1	25	1	2	1	1	0	1,875087028	6,521386638	0,867045792
100	Tugino	0	54	3	1	34	1	1	1	0	0	0,717295807	2,048885131	0,672011258