

LAMPIRAN

Lampiran 1. Hasil analisis ragam dan uji lanjut BNT dengan perhitungan SAS pada peubah yang diamati.

JAGUNG ROSA DATA KESELURUHAN

Obs	Aksesi	Blok	Notan	Ttan1	Titan2	Titan3	TLtong	UBJan	UBBet
1	JM	1	1	29	90	238	96	48	51
2	JM	1	2	30	93	239	96	48	51
3	JM	1	3	29	93	234	73	48	51
4	JM	1	4	27	92	235	75	48	51
5	JM	1	5	28	93	235	82	48	51
6	JM	1	6	29	90	235	80	49	52
7	JM	1	7	26	89	225	75	49	52
8	JM	1	8	27	88	215	78	49	52
9	JM	1	9	28	89	220	100	49	52
10	JM	1	10	25	89	210	78	49	52
11	JM	1	11	27	90	218	80	49	52
12	JM	1	12	24	89	225	97	48	52
13	JM	1	13	27	93	235	75	49	52
14	JM	1	14	22	92	210	72	50	53
15	JM	1	15	24	90	245	93	48	51
16	JM	1	16	24	90	240	81	48	52
17	JM	1	17	25	92	245	100	48	51
18	JM	1	18	26	92	220	105	48	51
19	JM	1	19	27	93	240	103	48	51
20	JM	1	20	27	94	220	83	49	52
21	JM	1	21	29	95	240	96	48	52
22	JM	1	22	29	96	243	97	48	52
23	JM	1	23	29	94	230	95	48	52
24	JM	1	24	28	94	225	90	49	52
25	JM	1	25	28	94	230	110	48	51
26	JM	1	26	27	94	220	95	48	52
27	JM	1	27	27	94	238	100	48	52
28	JM	1	28	27	94	240	100	48	52
29	JM	1	29	29	94	210	98	48	52
30	JM	1	30	30	94	230	103	48	52
31	JM	1	31	22	90	230	90	49	52
32	JM	1	32	24	90	235	75	49	52
33	JM	1	33	22	90	235	82	50	53
34	JM	1	34	27	92	235	80	48	52
35	JM	1	35	26	91	225	75	48	52
36	JM	1	36	28	93	215	78	48	52
37	JM	1	37	29	92	220	100	48	52
38	JM	1	38	29	93	210	78	49	52
39	JM	1	39	29	93	220	90	48	52
40	JM	1	40	24	92	230	100	48	52
41	JM	1	41	25	91	205	70	48	52
42	JM	1	42	25	91	240	95	48	52
43	JM	1	43	25	91	226	76	49	52
44	JM	1	44	25	91	230	75	49	52
45	JM	1	45	25	92	230	63	48	52

46	JM	1	46	25	92	227	73	48	52
47	JM	1	47	28	93	225	70	48	52
48	JM	1	48	28	93	223	79	49	52
49	JM	1	49	28	93	230	70	48	52
50	JM	1	50	23	93	231	97	48	52
51	JM	1	51	23	92	231	88	48	52
52	JM	1	52	26	91	220	86	48	52
53	JM	1	53	27	92	223	82	48	52
54	JM	1	54	25	91	229	89	48	52
55	JM	1	55	26	90	234	118	49	52
56	JM	1	56	24	91	340	112	48	51
57	JM	1	57	28	90	220	93	48	51
58	JM	1	58	29	91	242	90	48	51
59	JM	1	59	28	91	224	103	48	51
60	JM	1	60	27	91	242	97	48	51
61	JM	2	61	29	91	227	100	48	51

JAGUNG ROSA DATA KESELURUHAN

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Obs	Aksesi	Blok	Notan	Ttan1	Titan2	Titan3	TLtong	UBJan	UBBet
62	JM	2	62	29	92	250	105	48	51
63	JM	2	63	28	94	220	100	49	52
64	JM	2	64	26	92	240	95	48	51
65	JM	2	65	26	92	240	90	48	51
66	JM	2	66	27	92	220	92	48	51
67	JM	2	67	27	92	213	80	48	51
68	JM	2	68	27	91	220	104	49	53
69	JM	2	69	26	91	230	96	48	51
70	JM	2	70	27	91	230	93	48	51
71	JM	2	71	27	91	230	81	48	51
72	JM	2	72	28	92	230	103	48	51
73	JM	2	73	28	92	230	92	48	51
74	JM	2	74	28	92	230	108	48	51
75	JM	2	75	28	92	215	103	48	51
76	JM	2	76	26	90	200	65	48	51
77	JM	2	77	26	89	230	100	48	51
78	JM	2	78	26	89	230	87	48	51
79	JM	2	79	28	86	227	90	48	51
80	JM	2	80	28	90	250	100	48	51
81	JM	2	81	29	92	230	81	48	51
82	JM	2	82	29	92	240	119	48	51
83	JM	2	83	25	91	240	100	48	51
84	JM	2	84	25	91	230	113	48	51
85	JM	2	85	24	93	233	91	48	51
86	JM	2	86	26	90	238	93	48	51
87	JM	2	87	26	91	221	97	48	51
88	JM	2	88	24	89	228	108	48	51
89	JM	2	89	24	88	229	81	49	51
90	JM	2	90	23	87	230	119	50	53
91	JM	2	91	23	89	220	110	48	51
92	JM	2	92	23	89	223	84	48	51
93	JM	2	93	26	90	249	113	48	51
94	JM	2	94	26	89	227	92	48	51
95	JM	2	95	26	87	249	109	48	51
96	JM	2	96	25	87	240	109	48	51
97	JM	2	97	28	88	228	108	48	51
98	JM	2	98	28	88	229	81	48	51
99	JM	2	99	28	87	230	119	48	51
100	JM	2	100	27	88	220	110	48	51
101	JM	2	101	29	90	223	84	48	51
102	JM	2	102	29	92	228	103	48	51
103	JM	2	103	29	92	220	100	48	51
104	JM	2	104	29	92	240	98	48	51
105	JM	2	105	28	91	235	93	48	51
106	JM	2	106	28	91	230	98	48	51
107	JM	2	107	27	91	220	86	48	51
108	JM	2	108	29	92	207	86	48	51
109	JM	2	109	28	92	205	86	48	51
110	JM	2	110	28	92	230	80	48	51
111	JM	2	111	27	92	230	100	48	51
112	JM	2	112	29	88	225	95	48	51
113	JM	2	113	27	88	230	95	48	51

114	JM	2	114	27	89	215	83	48	51
115	JM	2	115	27	89	239	98	48	51
116	JM	2	116	26	89	240	100	48	51
117	JM	2	117	28	88	240	113	48	51
118	JM	2	118	26	89	234	103	48	51
119	JM	2	119	26	89	234	88	48	51
120	JM	2	120	26	89	247	110	48	51
121	JM	3	121	25	90	250	115	48	51
122	JM	3	122	24	90	250	100	48	51

JAGUNG ROSA DATA KESELURUHAN

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Obs	Aksesi	Blok	Notan	Ttan1	Titan2	Titan3	TLtong	UBJan	UBBet
123	JM	3	123	24	90	230	90	48	51
124	JM	3	124	24	87	240	119	48	51
125	JM	3	125	24	89	240	100	48	51
126	JM	3	126	24	88	239	94	48	51
127	JM	3	127	25	88	220	94	48	51
128	JM	3	128	25	90	225	90	48	51
129	JM	3	129	25	90	243	107	48	51
130	JM	3	130	25	89	225	90	48	51
131	JM	3	131	25	89	230	89	48	51
132	JM	3	132	25	88	219	77	49	51
133	JM	3	133	25	88	210	83	48	51
134	JM	3	134	25	87	220	88	49	51
135	JM	3	135	28	90	225	94	48	51
136	JM	3	136	28	91	240	100	48	51
137	JM	3	137	28	91	238	87	48	51
138	JM	3	138	28	91	220	80	48	51
139	JM	3	139	29	93	225	80	48	51
140	JM	3	140	27	90	243	107	48	51
141	JM	3	141	26	91	220	82	48	51
142	JM	3	142	26	90	230	90	48	51
143	JM	3	143	26	90	232	98	48	51
144	JM	3	144	28	90	235	110	48	51
145	JM	3	145	28	90	240	104	48	51
146	JM	3	146	24	90	240	96	48	51
147	JM	3	147	23	88	243	97	49	53
148	JM	3	148	22	88	230	95	49	52
149	JM	3	149	22	88	225	90	49	52
150	JM	3	150	23	87	230	110	50	54
151	JM	3	151	27	89	220	95	48	52
152	JM	3	152	22	88	238	100	49	52
153	JM	3	153	23	88	240	100	49	52
154	JM	3	154	26	90	236	88	48	51
155	JM	3	155	29	94	230	98	48	51
156	JM	3	156	22	89	227	97	48	51
157	JM	3	157	24	90	200	80	48	51
158	JM	3	158	26	90	215	95	48	51
159	JM	3	159	27	90	235	100	48	51
160	JM	3	160	27	90	205	80	48	51
161	JM	3	161	27	90	200	85	48	51
162	JM	3	162	25	90	230	86	48	51
163	JM	3	163	24	90	205	77	48	51
164	JM	3	164	28	91	205	80	48	51
165	JM	3	165	29	92	203	80	48	51
166	JM	3	166	29	92	230	100	48	51
167	JM	3	167	28	93	230	87	48	51
168	JM	3	168	29	92	227	90	48	51
169	JM	3	169	27	91	250	100	48	51
170	JM	3	170	25	90	230	81	48	51
171	JM	3	171	26	90	240	119	48	51
172	JM	3	172	28	90	240	100	48	51
173	JM	3	173	27	91	200	65	48	51
174	JM	3	174	26	91	220	80	48	51

175	JM	3	175	26	91	225	80	48	51
176	JM	3	176	26	90	243	107	48	51
177	JM	3	177	26	90	220	82	48	51
178	JM	3	178	26	90	230	90	48	51
179	JM	3	179	29	93	232	98	48	51
180	JM	3	180	22	89	235	110	48	51
181	J1	1	1	28	96	230	104	48	51
182	J1	1	2	24	94	236	111	48	51
183	J1	1	3	25	95	236	90	48	51

JAGUNG ROSA DATA KESELURUHAN

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Obs	Aksesi	Blok	Notan	Ttan1	Titan2	Titan3	TLtong	UBJan	UBBet
184	J1	1	4	26	99	236	103	48	51
185	J1	1	5	25	94	230	113	48	51
186	J1	1	6	27	98	233	91	48	51
187	J1	1	7	28	98	238	93	48	51
188	J1	1	8	28	99	240	109	48	51
189	J1	1	9	26	95	228	108	48	51
190	J1	1	10	22	94	229	81	49	51
191	J1	1	11	22	94	230	119	49	51
192	J1	1	12	24	94	220	110	48	51
193	J1	1	13	25	95	223	84	48	51
194	J1	1	14	26	99	228	103	48	51
195	J1	1	15	24	95	230	90	48	51
196	J1	2	16	25	95	233	96	48	51
197	J1	2	17	27	99	245	116	48	51
198	J1	2	18	28	97	240	98	48	51
199	J1	2	19	27	97	235	84	48	51
200	J1	2	20	28	96	236	83	48	51
201	J1	2	21	28	99	235	90	48	51
202	J1	2	22	28	97	220	97	48	51
203	J1	2	23	27	96	220	86	48	51
204	J1	2	24	26	97	245	102	48	51
205	J1	2	25	27	96	240	100	48	51
206	J1	2	26	28	97	255	113	48	51
207	J1	2	27	25	95	234	103	48	51
208	J1	2	28	22	93	234	88	49	51
209	J1	2	29	22	93	247	110	49	52
210	J1	2	30	23	93	250	93	49	52
211	J1	3	31	25	93	228	115	48	51
212	J1	3	32	25	95	238	105	48	51
213	J1	3	33	25	96	238	116	48	51
214	J1	3	34	25	94	225	109	48	51
215	J1	3	35	27	96	222	113	48	51
216	J1	3	36	26	95	230	110	48	51
217	J1	3	37	27	96	240	115	48	51
218	J1	3	38	27	93	233	97	48	51
219	J1	3	39	28	98	236	98	48	51
220	J1	3	40	28	97	230	94	48	51
221	J1	3	41	26	98	238	105	48	51
222	J1	3	42	25	98	220	106	48	51
223	J1	3	43	25	94	220	90	48	51
224	J1	3	44	26	97	237	94	48	51
225	J1	3	45	25	97	220	103	48	51
226	J3	1	1	27	108	250	103	51	54
227	J3	1	2	27	108	247	106	51	54
228	J3	1	3	25	105	238	100	51	54
229	J3	1	4	25	106	260	103	51	54
230	J3	1	5	27	108	225	106	51	54
231	J3	1	6	28	109	255	103	51	54
232	J3	1	7	29	109	257	104	51	54
233	J3	1	8	26	105	254	100	51	54
234	J3	1	9	27	107	210	113	51	54
235	J3	1	10	27	107	250	98	51	54

236	J3	1	11	26	107	235	112	51	54
237	J3	1	12	25	106	236	110	51	54
238	J3	1	13	27	107	246	102	51	54
239	J3	1	14	26	107	235	100	51	54
240	J3	1	15	27	107	220	93	51	54
241	J3	2	16	28	107	215	82	51	54
242	J3	2	17	28	107	210	85	51	54
243	J3	2	18	28	109	230	105	51	54
244	J3	2	19	28	109	225	96	51	54

JAGUNG ROSA DATA KESELURUHAN

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Obs	Aksesi	Blok	Notan	Ttan1	Titan2	Titan3	TLtong	UBJan	UBBet
245	J3	2	20	27	110	220	91	51	54
246	J3	2	21	26	108	210	89	51	54
247	J3	2	22	27	107	235	108	51	54
248	J3	2	23	26	104	212	85	51	54
249	J3	2	24	28	106	224	110	51	54
250	J3	2	25	25	108	209	86	51	54
251	J3	2	26	24	106	240	120	51	54
252	J3	2	27	24	105	228	98	51	54
253	J3	2	28	26	107	215	80	51	54
254	J3	2	29	22	103	210	86	52	54
255	J3	2	30	27	107	227	86	51	54
256	J3	3	31	28	111	200	76	51	54
257	J3	3	32	27	107	230	95	51	54
258	J3	3	33	26	105	236	99	51	54
259	J3	3	34	29	107	210	72	51	54
260	J3	3	35	26	103	200	75	51	54
261	J3	3	36	28	107	217	97	51	54
262	J3	3	37	28	105	213	80	51	54
263	J3	3	38	28	107	210	85	51	54
264	J3	3	39	28	108	220	93	51	54
265	J3	3	40	27	109	226	96	51	55
266	J3	3	41	27	109	228	98	51	55
267	J3	3	42	28	110	230	78	51	55
268	J3	3	43	28	110	234	88	52	55
269	J3	3	44	26	106	220	90	52	55
270	J3	3	45	26	108	235	94	52	55
271	J6	1	1	29	137	270	106	54	57
272	J6	1	2	30	140	259	100	54	57
273	J6	1	3	29	140	260	102	54	56
274	J6	1	4	26	138	242	98	55	58
275	J6	1	5	28	139	230	98	54	58
276	J6	1	6	29	140	230	96	55	58
277	J6	1	7	30	142	256	100	55	58
278	J6	1	8	30	142	235	89	55	58
279	J6	1	9	32	145	243	98	55	58
280	J6	1	10	29	140	245	96	55	58
281	J6	1	11	29	140	230	93	55	58
282	J6	1	12	29	141	267	102	55	58
283	J6	1	13	27	140	234	91	55	58
284	J6	1	14	25	139	241	95	56	58
285	J6	1	15	25	138	220	87	56	58
286	J6	2	16	27	140	248	89	55	58
287	J6	2	17	25	139	238	95	55	58
288	J6	2	18	26	140	267	97	55	58
289	J6	2	19	26	140	256	100	55	58
290	J6	2	20	28	142	269	101	55	58
291	J6	2	21	27	142	256	88	55	58
292	J6	2	22	28	142	241	101	55	58
293	J6	2	23	27	140	232	90	55	58
294	J6	2	24	28	142	230	91	55	58
295	J6	2	25	29	145	220	86	55	58
296	J6	2	26	24	140	231	90	55	58

297	J6	2	27	28	144	236	94	56	59
298	J6	2	28	28	144	225	90	54	58
299	J6	2	29	29	145	220	87	54	58
300	J6	2	30	29	145	230	79	54	58
301	J6	3	31	32	146	268	102	54	58
302	J6	3	32	32	146	234	93	54	58
303	J6	3	33	32	145	258	94	54	58
304	J6	3	34	30	145	249	98	54	57
305	J6	3	35	31	144	256	95	55	58

JAGUNG ROSA DATA KESELURUHAN

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Obs	Aksesi	Blok	Notan	Ttan1	Titan2	Titan3	TLtong	UBJan	UBBet
306	J6	3	36	31	145	233	87	55	58
307	J6	3	37	29	142	250	100	55	58
308	J6	3	38	29	141	255	94	55	58
309	J6	3	39	30	145	229	84	55	58
310	J6	3	40	31	145	247	88	55	58
311	J6	3	41	32	146	239	98	55	58
312	J6	3	42	31	144	260	100	55	58
313	J6	3	43	30	143	238	89	55	58
314	J6	3	44	28	138	258	101	55	58
315	J6	3	45	29	139	239	94	55	58

JAGUNG ROSA DATA KESELURUHAN

7

Nilai rata2 standar deviasi dll

----- Akses=J1 -----

The MEANS Procedure

Variable	Mean	Variance	Std Dev	N
Minimum				
Ttan1	25.8000000	3.2545455	1.8040359	45
Titan2	95.9111111	3.4919192	1.8686678	45
Titan3	233.1333333	69.7090909	8.3491970	45
TLtong	100.8444444	108.6797980	10.4249603	45
UBJan	48.1111111	0.1010101	0.3178209	45
UBBet	51.0444444	0.0434343	0.2084091	45

Variable	Maximum
Ttan1	28.0000000
Titan2	99.0000000
Titan3	255.0000000
TLtong	119.0000000
UBJan	49.0000000
UBBet	52.0000000

----- Akses=J3 -----

Variable	Mean	Variance	Std Dev	N
Minimum				
Ttan1	26.7333333	1.9727273	1.4045381	45
Titan2	107.1333333	3.1636364	1.7786614	45
Titan3	227.4888889	241.7101010	15.5470287	45
TLtong	95.0222222	125.4767677	11.2016413	45
UBJan	51.0888889	0.0828283	0.2877990	45

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UBBet      54.1333333      0.1181818      0.3437758      45
54.0000000
ffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffff
ff

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Variable      Maximum
ffffffffffff
Ttan1         29.0000000
Titan2        111.0000000
Titan3        260.0000000
TLtong        120.0000000
UBJan         52.0000000
UBBet         55.0000000
ffffffffffff

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----- AkseSi=J6 -----

Variable	Mean	Variance	Std Dev	N
Minimum				
ff				
Ttan1	28.7333333	4.2454545	2.0604501	45
24.0000000				
Titan2	141.8888889	6.8282828	2.6130983	45
137.0000000				
Titan3	243.8666667	206.0272727	14.3536502	45
220.0000000				
TLtong	94.3555556	34.2797980	5.8548952	45
79.0000000				
UBJan	54.8222222	0.2858586	0.5346574	45
54.0000000				
UBBet	57.9111111	0.1737374	0.4168182	45
56.0000000				
ff				
ff				

JAGUNG ROSA DATA KESELURUHAN

8

Nilai rata2 standar deviasi dll

----- Akses=J6 -----

The MEANS Procedure

Variable	Maximum
Ttan1	32.0000000
Titan2	146.0000000
Titan3	270.0000000
TLtong	106.0000000
UBJan	56.0000000
UBBet	59.0000000

----- Akses=JM -----

Variable	Mean	Variance	Std Dev	N
Ttan1	26.4111111	3.9194289	1.9797548	180
Titan2	90.6500000	3.5360335	1.8804344	180
Titan3	229.3500000	191.2567039	13.8295591	180
TLtong	92.7000000	148.0324022	12.1668567	180
UBJan	48.1888889	0.1987585	0.4458234	180
UBBet	51.3444444	0.3164494	0.5625384	180

Variable	Maximum
Ttan1	30.0000000
Titan2	96.0000000
Titan3	340.0000000
TLtong	119.0000000
UBJan	50.0000000
UBBet	54.0000000

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JAGUNG ROSA DATA KESELURUHAN

Anova dan LSD

The GLM Procedure

Class Level Information

Class	Levels	Values
Aksesi	4	J1 J3 J6 JM
Blok	3	1 2 3

Number of Observations Read	315
Number of Observations Used	315

JAGUNG ROSA DATA KESELURUHAN

10

Anova dan LSD

The GLM Procedure

Dependent Variable: Ttan1

Source	DF	Sum of Squares	Mean Square	F Value	Pr >
Model	5	237.806349	47.561270	13.14	<.0001
Error	309	1118.142857	3.618585		
Corrected Total	314	1355.949206			

R-Square	Coeff Var	Root MSE	Ttan1 Mean
0.175380	7.124138	1.902258	26.70159

Source	DF	Type I SS	Mean Square	F Value	Pr >
Blok	2	0.2349206	0.1174603	0.03	0.9681
Aksesi	3	237.5714286	79.1904762	21.88	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr >
Blok	2	0.2349206	0.1174603	0.03	0.9681
Aksesi	3	237.5714286	79.1904762	21.88	<.0001

JAGUNG ROSA DATA KESELURUHAN

11

Anova dan LSD

The GLM Procedure

Dependent Variable: Titan2

Source	DF	Sum of Squares	Mean Square	F Value	Pr >
Model	5	97401.15159	19480.23032	5020.26	<.0001
Error	309	1199.01984	3.88032		
Corrected Total	314	98600.17143			

R-Square	Coeff Var	Root MSE	Titan2 Mean
0.987840	1.948880	1.969854	101.0762

Source	DF	Type I SS	Mean Square	F Value	Pr >
Blok	2	27.21905	13.60952	3.51	0.0312
Aksesi	3	97373.93254	32457.97751	8364.76	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr >
Blok	2	27.21905	13.60952	3.51	0.0312
Aksesi	3	97373.93254	32457.97751	8364.76	<.0001

JAGUNG ROSA DATA KESELURUHAN

12

Anova dan LSD

The GLM Procedure

Dependent Variable: Titan3

Source	DF	Sum of Squares	Mean Square	F Value	Pr >
Model	5	9363.17063	1872.63413	10.30	<.0001
Error	309	56185.17857	181.82906		
Corrected Total	314	65548.34921			

R-Square	Coeff Var	Root MSE	Titan3 Mean
0.142844	5.819807	13.48440	231.6984

Source	DF	Type I SS	Mean Square	F Value	Pr >
Blok	2	817.415873	408.707937	2.25	0.1074
Aksesi	3	8545.754762	2848.584921	15.67	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr >
Blok	2	817.415873	408.707937	2.25	0.1074
Aksesi	3	8545.754762	2848.584921	15.67	<.0001

JAGUNG ROSA DATA KESELURUHAN

13

Anova dan LSD

The GLM Procedure

Dependent Variable: TLtong

Source	DF	Sum of Squares	Mean Square	F Value	Pr >
Model	5	2765.90794	553.18159	4.50	0.0006
Error	309	37949.37460	122.81351		
Corrected Total	314	40715.28254			

R-Square	Coeff Var	Root MSE	TLtong Mean
0.067933	11.73559	11.08213	94.43175

Source	DF	Type I SS	Mean Square	F Value	Pr >
Blok	2	359.625397	179.812698	1.46	0.2329
Aksesi	3	2406.282540	802.094180	6.53	0.0003

Source	DF	Type III SS	Mean Square	F Value	Pr >
Blok	2	359.625397	179.812698	1.46	0.2329
Aksesi	3	2406.282540	802.094180	6.53	0.0003

JAGUNG ROSA DATA KESELURUHAN

14

Anova dan LSD

The GLM Procedure

Dependent Variable: UBJan

Source	DF	Sum of Squares	Mean Square	F Value	Pr >
Model	5	1785.006349	357.001270	1996.71	<.0001
Error	309	55.247619	0.178795		
Corrected Total	314	1840.253968			

R-Square	Coeff Var	Root MSE	UBJan Mean
0.969978	0.853541	0.422841	49.53968

Source	DF	Type I SS	Mean Square	F Value	Pr >
Blok	2	0.996825	0.498413	2.79	0.0631
Aksesi	3	1784.009524	594.669841	3325.99	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr >
Blok	2	0.996825	0.498413	2.79	0.0631
Aksesi	3	1784.009524	594.669841	3325.99	<.0001

JAGUNG ROSA DATA KESELURUHAN

15

Anova dan LSD

The GLM Procedure

Dependent Variable: UBBet

Source	DF	Sum of Squares	Mean Square	F Value	Pr >
Model	5	1773.876190	354.775238	1690.01	<.0001
Error	309	64.866667	0.209924		
Corrected Total	314	1838.742857			

R-Square	Coeff Var	Root MSE	UBBet Mean
0.964722	0.870425	0.458175	52.63810

Source	DF	Type I SS	Mean Square	F Value	Pr >
Blok	2	6.533333	3.266667	15.56	<.0001
Aksesi	3	1767.342857	589.114286	2806.32	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr >
Blok	2	6.533333	3.266667	15.56	<.0001
Aksesi	3	1767.342857	589.114286	2806.32	<.0001

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JAGUNG ROSA DATA KESELURUHAN

Anova dan LSD

The GLM Procedure

t Tests (LSD) for Ttan1

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.01
Error Degrees of Freedom	309
Error Mean Square	3.618585
Critical Value of t	2.59183
Least Significant Difference	0.9369
Harmonic Mean of Cell Sizes	55.38462

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	28.7333	45	J6
B	26.7333	45	J3
B	26.4111	180	JM
B	25.8000	45	J1

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JAGUNG ROSA DATA KESELURUHAN

Anova dan LSD

The GLM Procedure

t Tests (LSD) for Titan2

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.01
Error Degrees of Freedom	309
Error Mean Square	3.880323
Critical Value of t	2.59183
Least Significant Difference	0.9702
Harmonic Mean of Cell Sizes	55.38462

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	141.8889	45	J6
B	107.1333	45	J3
C	95.9111	45	J1
D	90.6500	180	JM

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JAGUNG ROSA DATA KESELURUHAN

Anova dan LSD

The GLM Procedure

t Tests (LSD) for Titan3

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.01
Error Degrees of Freedom	309
Error Mean Square	181.8291
Critical Value of t	2.59183
Least Significant Difference	6.6414
Harmonic Mean of Cell Sizes	55.38462

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	243.867	45	J6
B	233.133	45	J1
B	229.350	180	JM
B	227.489	45	J3

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JAGUNG ROSA DATA KESELURUHAN

Anova dan LSD

The GLM Procedure

t Tests (LSD) for TLtong

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.01
Error Degrees of Freedom	309
Error Mean Square	122.8135
Critical Value of t	2.59183
Least Significant Difference	5.4582
Harmonic Mean of Cell Sizes	55.38462

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	100.844	45	J1
B	95.022	45	J3
B	94.356	45	J6
B	92.700	180	JM

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JAGUNG ROSA DATA KESELURUHAN

Anova dan LSD

The GLM Procedure

t Tests (LSD) for UBJan

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.01
Error Degrees of Freedom	309
Error Mean Square	0.178795
Critical Value of t	2.59183
Least Significant Difference	0.2083
Harmonic Mean of Cell Sizes	55.38462

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	54.82222	45	J6
B	51.08889	45	J3
C	48.18889	180	JM
C			
C	48.11111	45	J1

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JAGUNG ROSA DATA KESELURUHAN

Anova dan LSD

The GLM Procedure

t Tests (LSD) for UBBet

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.01
Error Degrees of Freedom	309
Error Mean Square	0.209924
Critical Value of t	2.59183
Least Significant Difference	0.2257
Harmonic Mean of Cell Sizes	55.38462

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	57.91111	45	J6
B	54.13333	45	J3
C	51.34444	180	JM
D	51.04444	45	J1

SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

1

DATA HASIL PENELITIAN

Obs	Aksesi	Blok	Notan	PTong	DTong	Be Tong	JBP e Tong
1	J1	1	1	19.2	3.93	16.8	469
2	J1	1	2	12.3	4.13	99.3	301
3	J1	1	3	17.6	4.21	131.4	302
4	J1	1	4	17.6	5.04	198.9	406
5	J1	1	5	13.4	4.07	100.4	223
6	J1	1	6	13.4	3.94	101.7	290
7	J1	1	7	18.6	5.02	206.6	439
8	J1	1	8	16.3	4.64	170.2	489
9	J1	1	9	17.4	4.55	171.7	500
10	J1	1	10	17.0	4.06	130.3	376
11	J1	1	11	10.4	4.25	86.7	277
12	J1	1	12	19.6	4.34	176.8	392
13	J1	1	13	16.1	4.27	124.2	324
14	J1	1					
15	J1	1	15	14.3	3.92	126.6	344
16	J1	2	16	14.6	4.38	140.4	370
17	J1	2	17	15.6	4.37	177.6	410
18	J1	2					
19	J1	2	19	14.7	4.24	119.6	267
20	J1	2	20	17.5	3.82	127.8	348
21	J1	2	21	16.6	3.73	141.3	361
22	J1	2	22	17.2	3.82	143.1	439
23	J1	2	23	15.6	3.51	60.3	156
24	J1	2	24	15.4	4.07	128.1	407
25	J1	2					

119.2	26	J1	2	26	15.8	4.15	136.9	431
117.2	27	J1	2	27	18.4	4.18	157.3	292
101.8	28	J1	2	28	18.6	3.89	139.0	288
85.2	29	J1	2	29	20.0	3.79	114.1	278
80.6	30	J1	2	30	14.0	3.65	95.5	255
75.3	31	J1	3	31	13.3	3.96	90.0	305
96.8	32	J1	3	32	16.7	4.09	118.4	334
120.6	33	J1	3	33	19.0	4.25	155.0	346
115.1	34	J1	3	34	19.0	4.21	146.0	427
128.3	35	J1	3	35	15.6	3.96	149.2	497
114.9	36	J1	3	36	17.3	4.48	147.8	292
110.7	37	J1	3	37	15.6	4.36	152.4	369
159.2	38	J1	3	38	17.5	4.62	184.6	473
206.5	39	J1	3	39	21.4	4.85	264.7	525
95.3	40	J1	3	40	15.6	4.07	120.8	283
111.9	41	J1	3	41	14.3	4.22	130.5	373
135.1	42	J1	3	42	15.0	4.57	132.1	415
137.0	43	J1	3	43	17.2	4.38	123.6	387
102.8	44	J1	3	44	16.8	4.11	118.7	374
111.1	45	J1	3	45	15.8	4.18	136.7	407
159.7	46	J3	1	1	21.6	4.76	220.0	403
96.4	47	J3	1	2	14.2	3.95	113.9	331
166.5	48	J3	1	3	16.2	4.95	206.0	459

SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

2

DATA HASIL PENELITIAN

Ber								JBPe
BPer	Obs	Aksesi	Blok	Notan	PTong	DTong	BeTong	Tong
Tong								
131.0	49	J3	1	4	17.6	4.59	157.40	359
120.9	50	J3	1	5	18.3	4.07	155.30	362
158.4	51	J3	1	6	16.6	4.56	180.00	455
150.1	52	J3	1	7	16.8	4.39	174.60	549
98.4	53	J3	1	8	17.3	4.49	127.80	495
105.4	54	J3	1	9	19.0	4.49	148.30	315
103.4	55	J3	1	10	14.4	4.25	127.70	299
103.8	56	J3	1	11	13.8	3.52	126.30	299
68.2	57	J3	1	12	12.9	3.76	78.30	337
157.8	58	J3	1	13	22.2	4.41	189.80	418
156.2	59	J3	1	14	14.3	4.92	185.40	440
113.2	60	J3	1	15	18.0	4.21	151.70	270
89.1	61	J3	2	16	14.2	3.71	80.50	233
127.6	62	J3	2	17	17.5	4.25	152.30	379
58.5	63	J3	2	18	15.6	3.37	94.00	184
54.6	64	J3	2	19	13.8	4.01	99.30	166
146.6	65	J3	2	20	17.2	4.61	172.80	499
122.3	66	J3	2	21	15.4	4.31	146.40	357
98.0	67	J3	2	22	18.4	3.83	140.00	283
128.7	68	J3	2	23	16.9	4.79	158.00	422
169.5	69	J3	2	24	18.0	4.73	197.50	438
122.7	70	J3	2	25	16.4	4.37	155.00	321
138.6	71	J3	2	26	17.5	4.59	185.20	418
104.2	72	J3	2	27	11.5	4.57	124.20	313
151.6	73	J3	2	28	18.2	4.74	18.22	466
157.1	74	J3	2	29	18.6	4.95	201.40	459

124.5	75	J3	2	30	15.6	4.17	151.20	283
124.0	76	J3	3	31	15.4	4.06	139.00	433
152.0	77	J3	3	32	17.7	4.72	179.80	480
100.0	78	J3	3	33	15.1	3.74	115.20	345
148.2	79	J3	3	34	15.7	4.63	179.60	441
140.0	80	J3	3	35	15.7	4.65	168.10	442
119.0	81	J3	3	36	16.8	4.26	145.70	314
109.1	82	J3	3	37	17.0	4.16	140.00	377
110.4	83	J3	3	38	16.2	4.16	135.40	438
100.8	84	J3	3	39	18.2	4.25	164.10	285
90.4	85	J3	3	40	14.6	3.97	114.80	263
101.3	86	J3	3	41	18.1	3.86	126.30	360
83.9	87	J3	3	42	12.1	4.08	102.80	262
77.3	88	J3	3	43	15.6	4.63	176.30	278
119.2	89	J3	3	44	15.9	4.72	184.20	451
18.5	90	J3	3	45	15.8	3.93	111.20	259
142.7	91	J6	1	1	18.5	4.36	165.50	437
73.7	92	J6	1	2	14.5	4.56	121.50	232
126.6	93	J6	1	3	15.4	4.59	154.90	492
126.4	94	J6	1	4	17.5	4.05	147.90	395
172.8	95	J6	1	5	20.1	4.95	216.80	446
75.6	96	J6	1	6	14.2	4.08	127.60	295

SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

3

DATA HASIL PENELITIAN

Be	JBPe							
BPer		Obs	Aksesi	Blok	Notan	PTong	DTong	Tong
Tong	Tong							
106.2		97	J6	1	7	14.0	4.25	128.5
102.9		98	J6	1	8	18.5	3.94	131.1
148.6		99	J6	1	9	22.6	4.13	181.6
147.1		100	J6	1	10	18.6	4.48	172.8
128.3		101	J6	1	11	20.0	4.56	161.8
99.2		102	J6	1	12	15.1	4.27	116.0
102.5		103	J6	1	13	21.5	4.05	123.6
83.2		104	J6	1	14	13.2	3.79	99.8
163.2		105	J6	1	15	21.6	4.87	202.4
140.3		106	J6	2	16	15.6	4.35	165.7
90.0		107	J6	2	17	17.7	4.14	115.0
114.2		108	J6	2	18	17.2	4.34	141.3
88.5		109	J6	2	19	14.9	4.18	115.0
144.6		110	J6	2	20	16.5	4.45	169.0
120.4		111	J6	2	21	20.6	4.05	178.2
62.2		112	J6	2	22	17.5	4.35	137.2
88.1		113	J6	2	23	20.2	4.28	143.2
155.9		114	J6	2	24	21.5	4.67	195.7
119.6		115	J6	2	25	20.1	4.68	146.4
110.0		116	J6	2	26	16.5	4.11	133.0
91.2		117	J6	2	27	15.0	4.01	122.5
97.0		118	J6	2	28	16.5	4.89	119.1
150.7		119	J6	2	29	22.1	4.27	181.8
82.3		120	J6	2	30	15.7	3.81	98.5
101.9		121	J6	3	31	13.0	4.38	120.3
130.2		122	J6	3	32	17.2	4.26	150.4

98.8	123	J6	3	33	15.4	3.94	117.9	413
141.4	124	J6	3	34	17.8	4.33	170.6	428
74.9	125	J6	3	35	14.5	4.39	113.2	240
122.3	126	J6	3	36	19.6	4.08	154.6	415
131.3	127	J6	3	37	17.7	4.44	155.7	392
70.1	128	J6	3	38	14.4	3.83	90.3	355
109.5	129	J6	3	39	19.8	3.96	134.9	282
172.3	130	J6	3	40	19.7	4.98	215.7	484
86.3	131	J6	3	41	17.5	4.06	119.5	214
181.2	132	J6	3	42	22.0	4.32	179.8	601
137.4	133	J6	3	43	18.2	4.56	154.5	370
107.6	134	J6	3	44	17.0	4.52	163.3	298
196.6	135	J6	3	45	19.4	3.83	148.2	339

SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

4

Nilai rata2 dan std deviasi dll per aksesi

----- Aksesi=J1 -----

The MEANS Procedure

Variable	N	Mean	Variance	Std Dev
Minimum	Maximum			
PTong	42	16.3642857	4.8862544	2.2104874
10.4000000	21.4000000			
DTong	42	4.1971429	0.1132746	0.3365629
3.5100000	5.0400000			
BeTong	42	135.5500000	1644.34	40.5504579
16.8000000	264.7000000			
JBPeTong	42	362.8809524	6695.96	81.8288524
156.0000000	525.0000000			
BerBPerTong	42	114.4904762	842.8667364	29.0321673
45.3000000	206.5000000			

----- Aksesi=J3 -----

Variable	N	Mean	Variance	Std Dev
Minimum	Maximum			
PTong	45	16.3977778	4.5279495	2.1278979
11.5000000	22.2000000			
DTong	45	4.3142222	0.1538977	0.3922979
3.3700000	4.9500000			
BeTong	45	146.6893333	1517.12	38.9502787
18.2200000	220.0000000			
JBPeTong	45	365.3333333	7908.36	88.9289809
166.0000000	549.0000000			
BerBPerTong	45	117.2688889	1063.92	32.6177853
18.5000000	169.5000000			

----- Aksesi=J6 -----

Variable	N	Mean	Variance	Std Dev
Minimum	Maximum			
PTong	45	17.6911111	6.8326465	2.6139331
13.0000000	22.6000000			
DTong	45	4.2975556	0.0938371	0.3063284
3.7900000	4.9800000			
BeTong	45	146.7177778	930.2651313	30.5002481
90.3000000	216.8000000			
JBPeTong	45	365.6444444	7637.78	87.3943923
207.0000000	601.0000000			

BerBPerTong	45	118.1288889	1042.46	32.2871958
62.2000000	196.6000000			
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ffffffffffffffffffffffff				

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SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

ANOVA DAN LSD

The GLM Procedure

Class Level Information

Class	Levels	Values
Blok	3	1 2 3
Aksesi	3	J1 J3 J6

Number of Observations Read	135
Number of Observations Used	132

SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

6

ANOVA DAN LSD

The GLM Procedure

Dependent Variable: PTong

Pr > F	Source	DF	Sum of Squares	Mean Square	F Value
0.0596	Model	4	51.3343700	12.8335925	2.33
	Error	127	699.7519179	5.5098576	
	Corrected Total	131	751.0862879		

R-Square	Coeff Var	Root MSE	PTong Mean
0.068347	13.94880	2.347309	16.82803

Pr > F	Source	DF	Type I SS	Mean Square	F Value
0.9483	Blok	2	0.58464858	0.29232429	0.05
0.0117	Aksesi	2	50.74972143	25.37486072	4.61

Pr > F	Source	DF	Type III SS	Mean Square	F Value
0.9599	Blok	2	0.45073293	0.22536646	0.04
0.0117	Aksesi	2	50.74972143	25.37486072	4.61

SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

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ANOVA DAN LSD

The GLM Procedure

Dependent Variable: DTong

Source	DF	Sum of Squares	Mean Square	F Value
Model	4	0.66128332	0.16532083	1.38
Error	127	15.22819775	0.11990707	
Corrected Total	131	15.88948106		

R-Square Coeff Var Root MSE DTong Mean
0.041618 8.107063 0.346276 4.271288

Source	DF	Type I SS	Mean Square	F Value
Blok	2	0.30816714	0.15408357	1.29
Aksesi	2	0.35311617	0.17655809	1.47

Source	DF	Type III SS	Mean Square	F Value
Blok	2	0.31638829	0.15819414	1.32
Aksesi	2	0.35311617	0.17655809	1.47

SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

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ANOVA DAN LSD

The GLM Procedure

Dependent Variable: BeTong

Source	DF	Sum of Squares	Mean Square	F Value
Model	4	5639.4490	1409.8623	1.03
Error	127	173026.0405	1362.4098	
Corrected Total	131	178665.4895		

Pr > F

0.3920

R-Square	Coeff Var	Root MSE	BeTong Mean
0.031564	25.78388	36.91084	143.1547

Source	DF	Type I SS	Mean Square	F Value
Blok	2	1955.707418	977.853709	0.72
Aksesi	2	3683.741615	1841.870808	1.35

Pr > F

0.4898

0.2624

Source	DF	Type III SS	Mean Square	F Value
Blok	2	2077.015604	1038.507802	0.76
Aksesi	2	3683.741615	1841.870808	1.35

Pr > F

0.4687

0.2624

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SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

ANOVA DAN LSD

The GLM Procedure

Dependent Variable: JBPeTong

Source	DF	Sum of Squares	Mean Square	F Value
Model	4	32365.0331	8091.2583	1.11
Error	127	926396.6260	7294.4616	
Corrected Total	131	958761.6591		

Pr > F

0.3551

R-Square Coeff Var Root MSE JBPeTong Mean
0.033757 23.42122 85.40762 364.6591

Source	DF	Type I SS	Mean Square	F Value
Blok	2	32029.56193	16014.78097	2.20
Aksesi	2	335.47114	167.73557	0.02

Pr > F

0.1155

0.9773

Source	DF	Type III SS	Mean Square	F Value
Blok	2	32168.08986	16084.04493	2.20
Aksesi	2	335.47114	167.73557	0.02

Pr > F

0.1145

0.9773

SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

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ANOVA DAN LSD

The GLM Procedure

Dependent Variable: BerBPerTong

Source	DF	Sum of Squares	Mean Square	F Value
Model	4	2454.7843	613.6961	0.62
Error	127	125095.0220	985.0002	
Corrected Total	131	127549.8063		

Pr > F

0.6469

R-Square	Coeff Var	Root MSE	BerBPerTong Mean
0.019246	26.89856	31.38471	116.6780

Source	DF	Type I SS	Mean Square	F Value
Blok	2	2117.024981	1058.512491	1.07
Aksesi	2	337.759275	168.879638	0.17

Pr > F

0.3445

0.8426

Source	DF	Type III SS	Mean Square	F Value
Blok	2	2143.363048	1071.681524	1.09
Aksesi	2	337.759275	168.879638	0.17

Pr > F

0.3400

0.8426

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SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

ANOVA DAN LSD

The GLM Procedure

t Tests (LSD) for PTong

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	127
Error Mean Square	5.509858
Critical Value of t	1.97882
Least Significant Difference	0.9908
Harmonic Mean of Cell Sizes	43.95349

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	17.6911	45	J6
B	16.3978	45	J3
B	16.3643	42	J1

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SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

ANOVA DAN LSD

The GLM Procedure

t Tests (LSD) for DTong

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	127
Error Mean Square	0.119907
Critical Value of t	1.97882
Least Significant Difference	0.1462
Harmonic Mean of Cell Sizes	43.95349

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	4.31422	45	J3
A	4.29756	45	J6
A	4.19714	42	J1

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SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

ANOVA DAN LSD

The GLM Procedure

t Tests (LSD) for BeTong

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	127
Error Mean Square	1362.41
Critical Value of t	1.97882
Least Significant Difference	15.58
Harmonic Mean of Cell Sizes	43.95349

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	146.718	45	J6
A			
A	146.689	45	J3
A			
A	135.550	42	J1

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SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

ANOVA DAN LSD

The GLM Procedure

t Tests (LSD) for JBPeTong

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	127
Error Mean Square	7294.462
Critical Value of t	1.97882
Least Significant Difference	36.051
Harmonic Mean of Cell Sizes	43.95349

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	365.64	45	J6
A	365.33	45	J3
A	362.88	42	J1

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SAS PENELITIAN JAGUNG ROSA DATA HASIL PERSILANGAN

ANOVA DAN LSD

The GLM Procedure

t Tests (LSD) for BerBPerTong

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	127
Error Mean Square	985.0002
Critical Value of t	1.97882
Least Significant Difference	13.248
Harmonic Mean of Cell Sizes	43.95349

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

t Grouping	Mean	N	Aksesi
A	118.129	45	J6
A	117.269	45	J3
A	114.490	42	J1

Lampiran 2. Dokumentasi kegiatan penelitian



Pembuatan guludan



Penanaman benih jagung



Tanaman jagung umur 7 hst



Tanaman jagung umur 14-21 hst



Penyiraman tanaman jagung



Penyemprotan insektisida



Tanaman jagung umur 30 hst



Tanaman jagung berbunga jantan



Hama tanaman jagung (ulat grayak)



Penyakit gosong bengkak



Pengukuran tanaman jagung



Penjemuran tanaman jagung



Pengukuran diameter tongkol



Hasil panen Jagung



Insektisida yang digunakan



Tongkol jagung