Lampiran1. Data Pengaruh Sumber Karbon dan Waktu terhadap Berat Kering dan Diameter Masing-masing Pellet Miselia *A.oryzae*

No	Karbon	Waktu	Diameter	BK
1	1.00	1.00	6.20	0,0200
2	1.00	1.00	6.50	0,0110
3	1.00	1.00	6.20	0,0160
4	1.00	1.00	8.90	0,1980
5	1.00	1.00	8.00	0,0236
6	1.00	1.00	7.90	0,0179
7	1.00	1.00	7.00	0,0377
8	1.00	1.00	6.10	0,0174
9	1.00	1.00	6.20	0,0250
10	1.00	1.00	7.20	0,0230
11	1.00	2.00	6.60	0,0096
12	1.00	2.00	6.40	0,0130
13	1.00	2.00	6.70	0,0082
14	1.00	2.00	8.30	0,0101
15	1.00	2.00	6.60	0,0192
16	1.00	2.00	4.90	0,0118
17	1.00	2.00	7.70	0,0050
18	1.00	2.00	9.60	0,0040
19	1.00	2.00	5.80	0,0041
20	1.00	2.00	7.50	0,0089
21	2.00	1.00	8.90	0,0296
22	2.00	1.00	7.10	0,0187
23	2.00	1.00	8.30	0,0239
24	2.00	1.00	6.50	0,0123
25	2.00	1.00	8.00	0,0384
26	2.00	1.00	7.40	0,0084
27	2.00	1.00	6.70	0,0119
28	2.00	1.00	7.30	0,0292
29	2.00	1.00	4.00	0,0244
30	2.00	1.00	6.30	0,0170
31	2.00	2.00	4.90	0,0038
32	2.00	2.00	6.30	0,0066
33	2.00	2.00	4.90	0,0097
34	2.00	2.00	5.70	0,0036
35	2.00	2.00	6.40	0,0053
36	2.00	2.00	4.20	0,0043
37	2.00	2.00	4.80	0,0032
38	2.00	2.00	4.20	0,0072
39	2.00	2.00	4.60	0,0047
40	2.00	2.00	5.90	0,0085
41	3.00	1.00	3.30	0,0061
42	3.00	1.00	3.30	0,0062
43	3.00	1.00	2.70	0,0051
44	3.00	1.00	4.00	0,0042
45	3.00	1.00	6.00	0,0128
46	3.00	1.00	4.60	0,0030
47	3.00	1.00	2.70	0,0020
48	3.00	1.00	3.10	0,0041
49	3.00	1.00	3.70	0,0054
50	3.00	1.00	3.60	0,0043

No	Karbon	Waktu	Diameter	BK
51	3.00	2.00	4.30	0,0107
52	3.00	2.00	5.90	0,0031
53	3.00	2.00	5.00	0,0040
54	3.00	2.00	6.20	0,0098
55	3.00	2.00	5.60	0,0063
56	3.00	2.00	4.30	0,0039
57	3.00	2.00	6.80	0,0030
58	3.00	2.00	5.50	0,0049
59	3.00	2.00	3.10	0,0063
60	3.00	2.00	4.00	0,0051

Keterangan
Karbon 1 = Molase
Karbon 2 = Glukosa
Karbon 3 = Sukrosa
Waktu 1 = 3 hari
Waktu 2 = 5 hari
Berat kering merupakan berat kering dari masing-masing pellet (g)
Diameter merupakan diameter dari sampel pellet miselia (mm)

Lampiran 2. Data Pengaruh Konsentrasi Karbon dan Waktu terhadap Berat Kering dan Diameter Masing-masing Pellet Miselia *A oryzae*

No	Glukosa	Waktu	Diameter	BK
1	1.00	1.00	8.90	0.02961
2	1.00	1.00	7.10	0.01865
3	1.00	1.00	8.30	0.02394
4	1.00	1.00	6.50	0.01234
5	1.00	1.00	8.00	0.03844
6	1.00	1.00	7.40	0.00839
7	1.00	1.00	6.70	0.01193
8	1.00	1.00	7.30	0.02923
9	1.00	1.00	4.00	0.02443
10	1.00	1.00	6.30	0.01702
11	1.00	2.00	4.90	0.00380
12	1.00	2.00	6.30	0.00660
13	1.00	2.00	4.90	0.00970
14	1.00	2.00	5.70	0.00360
15	1.00	2.00	6.40	0.00530
16	1.00	2.00	4.20	0.00430
17	1.00	2.00	4.80	0.00320
18	1.00	2.00	4.20	0.00720
19	1.00	2.00	4.60	0.00470
20	1.00	2.00	5.90	0.00850
21	2.00	1.00	3.90	0.00793
22	2.00	1.00	6.00	0.00630
23	2.00	1.00	4.20	0.00707
24	2.00	1.00	5.20	0.00763
25	2.00	1.00	4.00	0.00712
26	2.00	1.00	4.60	0.00450
27	2.00	1.00	4.70	0.00202
28	2.00	1.00	4.10	0.00245
29	2.00	1.00	4.50	0.00137
30	2.00	1.00	4.30	0.00185
31	2.00	2.00	4.60	0.00289
32	2.00	2.00	8.40	0.01983
33	2.00	2.00	4.00	0.00142
34	2.00	2.00	5.10	0.00321
35	2.00	2.00	3.70	0.00163
36	2.00	2.00	5.00	0.00254
37	2.00	2.00	6.30	0.00680
38	2.00	2.00	6.20	0.02321
39	2.00	2.00	8.80	0.00222
40	2.00	2.00	5.00	0.00315
41	3.00	1.00	4.60	0.00888
42	3.00	1.00	5.20	0.01034
43	3.00	1.00	6.30	0.00989
44	3.00	1.00	3.80	0.00955
45	3.00	1.00	4.90	0.00856
46	3.00	1.00	4.90	0.00353
47	3.00	1.00	4.60	0.00235
48	3.00	1.00	5.30	0.00521
49	3.00	1.00	5.80	0.00626
50	3.00	1.00	4.10	0.00365

No	Glukosa	Waktu	Diameter	BK
51	3.00	2.00	6.10	0.00455
52	3.00	2.00	5.60	0.00617
53	3.00	2.00	4.70	0.00175
54	3.00	2.00	4.90	0.00194
55	3.00	2.00	4.30	0.00365
56	3.00	2.00	5.90	0.00422
57	3.00	2.00	5.60	0.00693
58	3.00	2.00	5.20	0.00261
59	3.00	2.00	5.50	0.00693
60	3.00	2.00	4.90	0.00203

Keterangan
Glukosa 1 = 10 g/1000 ml
Glukosa 2 = 5 g/1000 ml
Glukosa 3 = 2,5 g/1000 ml
Waktu 1 = 3 hari
Waktu 2 = 5 hari
Berat kering merupakan berat kering dari masing-masing pellet (g)
Diameter merupakan diameter dari sampel pellet miselia (mm)

Lampiran 3 Data Pengaruh Sumber Nutrien, Konsentrasi Glukosa dan Waktu terhadap Jumlah Berat Kering dan Diameter Pellet *Miselia A. oryzae*

No	SN	Glukosa	Waktu	Jumlah	T. Jumlah	BK	Diamater
1	1,00	1,00	1,00	524,00	2,72	1.487650	5.16
2	1,00	1,00	1,00	373,00	2,57	1.608700	7.02
3	1,00	1,00	1,00	369,00	2,57	1.585140	6.78
4	1,00	1,00	1,00	1.025,00	3,01	1.516210	5.86
5	1,00	1,00	1,00	226,00	2,35	1.188980	8.26
6	1,00	1,00	2,00	568,00	2,75	1.187780	6.32
7	1,00	1,00	2,00	1.876,00	3,27	1.405650	4.86
8	1,00	1,00	2,00	2.136,00	3,33	1.669690	4.46
9	1,00	1,00	2,00	743,00	2,87	1.110870	5.08
10	1,00	1,00	2,00	157,00	2,20	1.209270	7.38
11	1,00	2,00	1,00	257,00	2,41	1.933050	6.26
12	1,00	2,00	1,00	165,00	2,22	1.717230	8.18
13	1,00	2,00	1,00	426,00	2,63	1.763070	5.54
14	1,00	2,00	1,00	1.118,00	3,05	1.323780	6.20
15	1,00	2,00	1,00	1.945,00	3,29	1.029030	4.38
16	1,00	2,00	1,00	202,00	2,31	1.058600	6.16
17	1,00	2,00	2,00	182,00	2,26	1.906120	9.08
18	1,00	2,00	2,00	566,00	2,75	1.983820	8.32
19	1,00	2,00	2,00	205,00	2,31	2.093250	4.92
20	1,00	2,00	2,00	1.114,00	3,05	1.403050	4.68
21	1,00	2,00	2,00	685,00	2,84	1.220690	5.06
22	1,00	2,00	2,00	169,00	2,23	1.275460	7.62
23	1,00	2,00	2,00	526,00	2,72	1.350850	7.00
24	2,00	1,00	1,00	1.363,00	3,13	1.319200	4.38
25	2,00	1,00	1,00	1.081,00	3,03	1.210190	4.30
26	2,00	1,00	1,00	946,00	2,98	1.384300	4.88
27	2,00	1,00	1,00	2.768,00	3,44	1.427130	3.54
28	2,00	1,00	1,00	1.108,00	3,04	1.356290	4.30
29	2,00	1,00	2,00	464,00	2,67	1.331280	5.76
30	2,00	1,00	2,00	385,00	2,59	1.236220	6.24
31	2,00	1,00	2,00	1.937,00	3,29	1.377810	4.08
32	2,00	1,00	2,00	3.032,00	3,48	1.631510	3.48
33	2,00	1,00	2,00	4.420,00	3,65	1.371180	3.86
34	2,00	1,00	2,00	250,00	2,40	1.467190	7.44
35	2,00	1,00	2,00	1.532,00	3,19	1.552820	3.72
36	2,00	2,00	1,00	772,00	2,89	2.222850	5.62
37	2,00	2,00	1,00	1.223,00	3,09	2.950670	6.42
38	2,00	2,00	1,00	1.015,00	3,01	2.878160	5.74
39	2,00	2,00	1,00	1.673,00	3,22	1.481990	4.50
40	2,00	2,00	1,00	3.083,00	3,49	1.302410	3.50
41	2,00	2,00	1,00	318,00	2,50	1.369470	6.40
42	2,00	2,00	1,00	1.555,00	3,19	1.531130	4.10
43	2,00	2,00	2,00	1.251,00	3,10	1.621580	5.90
44	2,00	2,00	2,00	1.028,00	3,01	1.698790	6.76
45	2,00	2,00	2,00	3.120,00	3,49	1.521140	4.30
46	2,00	2,00	2,00	4.668,00	3,67	1.345380	3.86
47	3,00	1,00	1,00	125,00	2,10	1.515570	9.18
48	3,00	1,00	1,00	110,00	2,04	.892240	6.58
49	3,00	1,00	1,00	685,00	2,84	1.771850	5.64
50	3,00	1,00	1,00	740,00	2,87	1.916700	6.40

No	SN	Glukosa	Waktu	Jumlah	T. Jumlah	BK	Diamater
51	3,00	1,00	1,00	2.259,00	3,35	1.208870	3.90
52	3,00	1,00	1,00	1.138,00	3,06	1.365550	4.88
53	3,00	1,00	1,00	281,00	2,45	1.021800	6.58
54	3,00	1,00	2,00	89,00	1,95	2.114190	10.26
55	3,00	1,00	2,00	99,00	2,00	2.332710	9.56
56	3,00	1,00	2,00	430,00	2,63	.985880	6.68
57	3,00	1,00	2,00	568,00	2,75	1.426530	7.18
58	3,00	1,00	2,00	2.331,00	3,37	1.484320	4.86
59	3,00	1,00	2,00	295,00	2,47	1.075020	6.54
60	3,00	1,00	2,00	560,00	2,75	1.280950	7.10
61	3,00	2,00	1,00	327,00	2,51	1.961080	6.98
62	3,00	2,00	1,00	1.488,00	3,17	1.312120	4.86
63	3,00	2,00	1,00	2.644,00	3,42	1.269830	4.56
64	3,00	2,00	2,00	147,00	2,17	1.475220	8.02
65	3,00	2,00	2,00	231,00	2,36	1.489310	7.86
66	3,00	2,00	2,00	1.848,00	3,27	1.364600	4.32
67	3,00	2,00	2,00	952,00	2,98	1.151480	5.90
68	3,00	2,00	2,00	232,00	2,37	1.301380	7.04
69	3,00	2,00	2,00	615,00	2,79	1.289270	6.02
70	4,00	1,00	1,00	2.952,00	3,47	1.354650	2.94
71	4,00	1,00	1,00	3.086,00	3,49	.915740	3.38
72	4,00	1,00	1,00	330,00	2,52	1.202420	5.86
73	4,00	1,00	1,00	1.295,00	3,11	2.534480	6.32
74	4,00	1,00	1,00	675,00	2,83	2.439900	5.42
75	4,00	1,00	2,00	590,00	2,77	1.686040	6.48
76	4,00	1,00	2,00	1.503,00	3,18	1.692950	5.90
77	4,00	1,00	2,00	811,00	2,91	1.400980	6.06
78	4,00	1,00	2,00	3.686,00	3,57	1.364890	3.32
79	4,00	1,00	2,00	249,00	2,40	1.476750	6.88
80	4,00	1,00	2,00	1.142,00	3,06	1.798440	4.92
81	4,00	2,00	1,00	936,00	2,97	2.254290	5.04
82	4,00	2,00	1,00	1.011,00	3,00	2.301530	5.53
83	4,00	2,00	1,00	203,00	2,31	2.048660	6.96
84	4,00	2,00	1,00	1.865,00	3,27	1.494150	4.42
85	4,00	2,00	1,00	3.652,00	3,56	1.137330	3.34
86	4,00	2,00	1,00	757,00	2,88	1.383120	5.24
87	4,00	2,00	1,00	2.435,00	3,39	1.401620	3.68
88	4,00	2,00	2,00	225,00	2,35	1.881660	8.14
89	4,00	2,00	2,00	768,00	2,89	1.998610	4.98
90	4,00	2,00	2,00	579,00	2,76	2.003750	4.36
91	4,00	2,00	2,00	2.037,00	3,31	1.582270	3.80
92	4,00	2,00	2,00	4.126,00	3,62	1.402880	3.32
93	4,00	2,00	2,00	316,00	2,50	1.441540	7.16
94	4,00	2,00	2,00	1.641,00	3,22	1.675320	4.12

Keterangan :
SN 1 = PY
SN 2 = PR
SN 3 = KY
SN 4 = KR
Glukosa 1 = 2,5 g/1000 ml
Glukosa 2 = 5 g/1000 ml
Waktu 1 = 3 hari
Waktu 2 = 5 hari
T Jumlah adalah transformasi dari jumlah dengan menggunakan log 10
Jumlah merupakan jumlah pelet total
Berat kering merupakan berat kering total (g)
Diameter merupakan rata-rata dari 5 sampel (mm)

Lampiran 4. Perhitungan Kruskall-Wallis dan Mann-Whitney U - Wilcoxon Rank Sum W Test untuk Mengetahui Pengaruh Sumber Karbon terhadap Diameter dan Berat Kering masing-masing Pellet Miselia

	N	Mean	Std Dev	Minimum	Maximum
DIAM	60	5.840000153	1.674454093	2.700000	9.600000
BERATKRG	60	.014409167	.025661077	.002040	.198000
KARBON	60	2.000000000	.823386967	1.000000	3.000000

Kruskall-Wallis

DIAM by KARBON

Mean Rank	Cases	
42.83	20	KARBON = 1
33.45	20	KARBON = 2
15.23	20	KARBON = 3
	60	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
25.8317	2	.0000	25.8554	2	.0000

Mann-Whitney U - Wilcoxon Rank Sum W Test

DIAM by KARBON

Mean Rank	Cases	
23.95	20	KARBON = 1.00
17.05	20	KARBON = 2.00
	40	Total

		Exact	Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
131.0	479.0	.0634	-1.8679	.0618

Mean Rank	Cases	
29.38	20	KARBON = 1.00
11.63	20	KARBON = 3.00
	40	Total

		Exact	Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
22.5	587.5	.0000	-4.8050	.0000

Mean Rank	Cases	
26.90	20	KARBON = 2.00
14.10	20	KARBON = 3.00
	40	Total

	Exact		Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
72.0	538.0	.0003	-3.4645	.0005

Kruskall-Wallis

BERATKRG by KARBON

Mean Rank	Cases	
40.03	20	KARBON = 1
33.60	20	KARBON = 2
17.88	20	KARBON = 3
	60	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
17.0312	2	.0002	17.0326	2	.0002

Mann-Whitney U - Wilcoxon Rank Sum W Test

BERATKRG by KARBON

Mean Rank	Cases	
22.60	20	KARBON = 1.00
18.40	20	KARBON = 2.00
	40	Total

	Exact		Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
158.0	452.0	.2648	-1.1361	.2559

Mean Rank	Cases	
27.92	20	KARBON = 1.00
13.07	20	KARBON = 3.00
	40	Total

	Exact		Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
51.5	558.5	.0000	-4.0175	.0001

Mean Rank	Cases	
25.70	20	KARBON = 2.00
15.30	20	KARBON = 3.00
	40	Total

	Exact		Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
96.0	514.0	.0043	-2.8135	.0049

Lampiran 5. Perhitungan Kruskall-Wallis untuk Mengetahui Pengaruh Waktu terhadap Diamater dan Berat Kering Masing-masing dari Pellet Miselia

	N	Mean	Std Dev	Minimum	Maximum
DIAM	60	5.840000153	1.674454093	2.700000	9.600000
BERATKRG	60	.014409167	.025661077	.002040	.198000
WAKTU	60	1.500000000	.504219472	1.000000	2.000000

Kruskall-Wallis

DIAM by WAKTU

Mean Rank	Cases	
31.97	30	WAKTU = 1
29.03	30	WAKTU = 2
	60	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
.4232	1	.5154	.4236	1	.5152

Mann-Whitney U - Wilcoxon Rank Sum W Test

DIAM by WAKTU

Mean Rank	Cases	
31.97	30	WAKTU = 1.00
29.03	30	WAKTU = 2.00
	60	Total

Corrected for ties			
U	W	Z	2-Tailed P
406.0	959.0	-.6508	.5152

Kruskall-Wallis

BERATKRG by WAKTU

Mean Rank	Cases	
38.58	30	WAKTU = 1
22.42	30	WAKTU = 2
	60	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
12.8538	1	.0003	12.8549	1	.0003

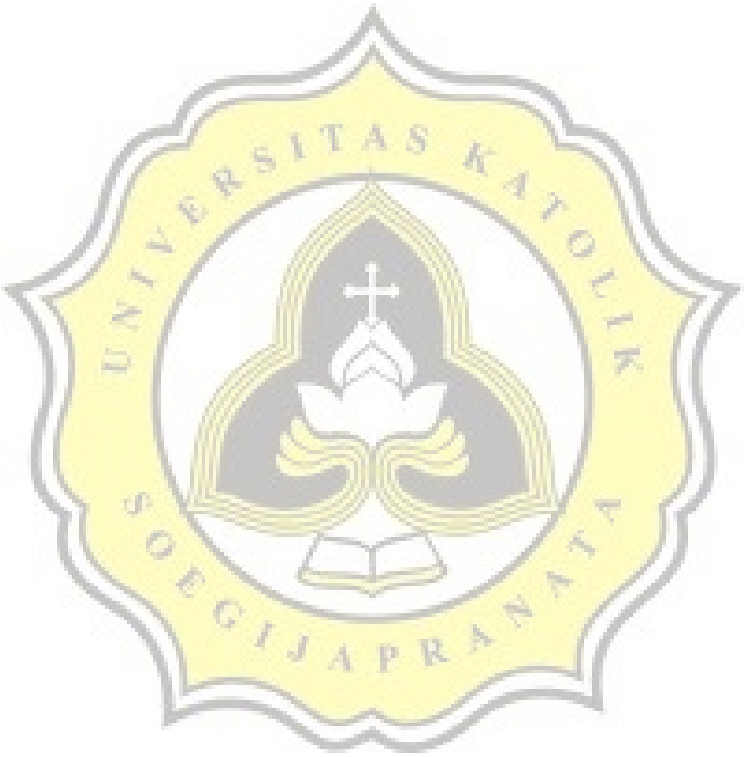
Mann-Whitney U - Wilcoxon Rank Sum W Test

BERATKRG by WAKTU

Mean Rank	Cases	
38.58	30	WAKTU = 1.00
22.42	30	WAKTU = 2.00
	60	Total

Corrected for ties

U	W	Z	2-Tailed P
207.5	1157.5	-3.5854	.0003



Lampiran 6. Perhitungan Kruskall-Wallis dan Mann-Whitney U - Wilcoxon Rank Sum W Test untuk Mengetahui Pengaruh Konsentrasi Karbon terhadap Diameter dan Berat Kering Masing-masing dari Pellet Miselia

	N	Mean	Std Dev	Minimum	Maximum
DIAME	60	5.453333378	1.294508219	3.700000	8.900000
BRTKRG	60	.008250266	.007955977	.001370	.038440
GLUCOSE	60	2.000000000	.823386967	1.000000	3.000000

Kruskall-Wallis

DIAME by GLUCOSE

Mean Rank	Cases	
38.92	20	GLUCOSE = 1
24.40	20	GLUCOSE = 2
28.17	20	GLUCOSE = 3
	60	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
7.4489	2	.0241	7.4662	2	.0239

Mann-Whitney U - Wilcoxon Rank Sum W Test

DIAME by GLUCOSE

Mean Rank	Cases	
24.75	20	GLUCOSE = 1.00
16.25	20	GLUCOSE = 2.00
	40	Total

		Exact	Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
115.0	495.0	.0211	-2.3012	.0214

Mean Rank	Cases	
24.67	20	GLUCOSE = 1.00
16.33	20	GLUCOSE = 3.00
	40	Total

		Exact	Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
116.5	493.5	.0227	-2.2637	.0236

Mean Rank	Cases	
18.65	20	GLUCOSE = 2.00
22.35	20	GLUCOSE = 3.00
	40	Total

	Exact		Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
163.0	373.0	.3273	-1.0023	.3162

Kruskall-Wallis

BRTKRG by GLUCOSE

Mean Rank	Cases	
41.85	20	GLUCOSE = 1
22.60	20	GLUCOSE = 2
27.05	20	GLUCOSE = 3
	60	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
13.3203	2	.0013	13.3211	2	.0013

Mann-Whitney U - Wilcoxon Rank Sum W Test

BRTKRG by GLUCOSE

Mean Rank	Cases	
26.60	20	GLUCOSE = 1.00
14.40	20	GLUCOSE = 2.00
	40	Total

	Exact		Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
78.0	532.0	.0007	-3.3001	.0010

Mean Rank	Cases	
18.70	20	GLUCOSE = 2.00
22.30	20	GLUCOSE = 3.00
	40	Total

	Exact		Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
164.0	374.0	.3408	-.9739	.3301

Mean Rank	Cases	
25.75	20	GLUCOSE = 1.00
15.25	20	GLUCOSE = 3.00
	40	Total

	Exact		Corrected for ties	
U	W	2-Tailed P	Z	2-Tailed P
95.0	515.0	.0039	-2.8405	.0045

Lampiran 7. Perhitungan Kruskall-Wallis dan Mann-Whitney U - Wilcoxon Rank Sum W Test untuk Mengetahui Pengaruh Waktu terhadap Diameter dan Berat Kering Masing-masing dari Pellet Miselia dari Konsentrasi Glukosa 2,5g, 5 g dan 10 g

	N	Mean	Std Dev	Minimum	Maximum
DIAME	60	5.453333378	1.294508219	3.700000	8.900000
BRTKRG	60	.008250266	.007955977	.001370	.038440
TIMEE	60	1.500000000	.504219472	1.000000	2.000000

Kruskall-Wallis

DIAME by TIMEE

Mean Rank	Cases	
30.20	30	TIMEE = 1
30.80	30	TIMEE = 2
	60	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
.0177	1	.8941	.0177	1	.8940

Mann-Whitney U - Wilcoxon Rank Sum W Test

DIAME by TIMEE

Mean Rank	Cases	
30.20	30	TIMEE = 1.00
30.80	30	TIMEE = 2.00
	60	Total

		Corrected for ties	
U	W	Z	2-Tailed P
441.0	906.0	-.1332	.8940

Kruskall-Wallis

BRTKRG by TIMEE

Mean Rank	Cases	
37.15	30	TIMEE = 1
23.85	30	TIMEE = 2
	60	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
8.6995	1	.0032	8.7000	1	.0032

Mann-Whitney U - Wilcoxon Rank Sum W Test

BRTKRG by TIMEE

Mean Rank	Cases	
37.15	30	TIMEE = 1.00
23.85	30	TIMEE = 2.00
	60	Total

Corrected for ties

U	W	Z	2-Tailed P
250.5	1114.5	-2.9496	.0032

Lampiran 8. Perhitungan uji Anova satu arah dan Kruskall-Wallis untuk Mengetahui Pengaruh Nutrien Terhadap Berat kering, Diameter dan Jumlah dari Pellet Miselia.

----- ONEWAY -----

Variable DIAMETER By Variable SN

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	47.9790	15.9930	7.8625	.0001
Within Groups	90	183.0668	2.0341		
Total	93	231.0457			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
.2415	3	90	.867

Multiple Range Tests: Duncan test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= 1.0085 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE:

Step	2	3	4
RANGE	2.81	2.96	3.05

(*) Indicates significant differences which are shown in the lower triangle

Mean	SN	G G G G r r r r p p p p 2 4 1 3
4.9165	Grp 2	
5.1028	Grp 4	
6.2861	Grp 1	* *
6.5609	Grp 3	* *

Variable TJUMLAH By Variable SN

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	3.4667	1.1556	7.3893	.0002
Within Groups	90	14.0746	.1564		
Total	93	17.5413			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
1.2877	3	90	.284

Multiple Range Tests: Duncan test with significance level .05
The difference between two means is significant if
MEAN(J)-MEAN(I) >= .2796 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE:

Step	2	3	4
RANGE	2.81	2.96	3.05

(*) Indicates significant differences which are shown in the lower triangle

Mean	SN	Grp 3	Grp 1	Grp 4	Grp 2
2.6809	Grp 3				
2.6827	Grp 1				
3.0127	Grp 4	*	*		
3.1105	Grp 2	*	*		

Kruskal-Wallis 1-Way Anova

BK by SN

Mean Rank	Cases	
44.04	23	SN = 1
49.04	23	SN = 2
38.52	23	SN = 3
57.52	25	SN = 4
	94	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
6.3072	3	.0976	6.3072	3	.0976

Lampiran 9. Perhitungan uji Anova Satu Arah dan Kruskall-Wallis untuk mengetahui Pengaruh Waktu Terhadap Berat Kering, Jumlah dan Diameter Pellet Miselia

----- ONEWAY -----

Variable DIAMETER by Variable WAKTU

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	1	5,6261	5,6261	2,2962	,1331
Within Groups	92	225,4197	2,4502		
Total	93	231,0457			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
2,6387	1	92	,108

No range tests performed with fewer than three non-empty groups.

Variable TJUMLAH by Variable WAKTU

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	1	.0827	.0827	.4358	.5108
Within Groups	92	17.4586	.1898		
Total	93	17.5413			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
.6690	1	92	.416

No range tests performed with fewer than three non-empty groups.

Kruskal-Wallis 1-Way Anova

BK by WAKTU

Mean Rank	Cases	
47.62	45	WAKTU = 1
47.39	49	WAKTU = 2
	94	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
.0017	1	.9668	.0017	1	.9668

Mann-Whitney U - Wilcoxon Rank Sum W Test

BK by WAKTU

Mean Rank	Cases	
47.62	45	WAKTU = 1.00
47.39	49	WAKTU = 2.00
	94	Total

		Corrected for ties	
U	W	Z	2-Tailed P
1097.0	2143.0	-.0416	.9668

Lampiran 10. Perhitungan uji Anova Satu Arah dan Kruskall-Wallis untuk mengetahui Pengaruh Waktu Terhadap Berat Kering, Jumlah dan Diameter Pellet Miselia

----- ONEWAY -----

Variable DIAMETER by Variable GLUKOSA

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	1	.1561	.1561	.0622	.8036
Within Groups	92	230.8897	2.5097		
Total	93	231.0457			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
.1138	1	92	.737

No range tests performed with fewer than three non-empty groups.

Variable TJUMLAH by Variable GLUKOSA

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	1	.0189	.0189	.0993	.7533
Within Groups	92	17.5224	.1905		
Total	93	17.5413			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
.0000	1	92	.996

No range tests performed with fewer than three non-empty groups.

Kruskal-Wallis 1-Way Anova

BK by GLUKOSA

Mean Rank	Cases	
42.40	47	GLUKOSA = 1
52.60	47	GLUKOSA = 2
	94	Total

			Corrected for ties		
Chi-Square	D.F.	Significance	Chi-Square	D.F.	Significance
3.2800	1	.0701	3.2800	1	.0701

Mann-Whitney U - Wilcoxon Rank Sum W Test

BK by GLUKOSA

Mean Rank	Cases	
42.40	47	GLUKOSA = 1.00
52.60	47	GLUKOSA = 2.00
	94	Total

Corrected for ties

U	W	Z	2-Tailed P
865.0	1993.0	-1.8111	.0701

Lampiran 13. Deskripsi Populasi dari Berat Kering , Jumlah dan Diameter Terhadap dan Waktu Inkubasi

- - Description of Subpopulations - -

Summaries of TJUMLAH
By levels of WAKTU

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		270.22	2.8747	.4343	.1886
WAKTU	1.00	130.75	2.9057	.4092	.1674
WAKTU	2.00	139.47	2.8463	.4585	.2102

Total Cases = 94

Summaries of TJUMLAH
By levels of GLUKOSA

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		270.22	2.8747	.4343	.1886
GLUKOSA	1.00	134.44	2.8605	.4423	.1957
GLUKOSA	2.00	135.78	2.8889	.4304	.1853

Total Cases = 94

Summaries of TJUMLAH
By levels of SN

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		270.22	2.8747	.4343	.1886
SN	1.00	61.70	2.6827	.3637	.1323
SN	2.00	71.54	3.1105	.3466	.1201
SN	3.00	61.66	2.6809	.4630	.2144
SN	4.00	75.32	3.0127	.3982	.1585

Total Cases = 94

Summaries of DIAMETER
By levels of WAKTU

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		536.13	5.7035	1.5762	2.4844
WAKTU	1.00	245.17	5.4482	1.3918	1.9370
WAKTU	2.00	290.96	5.9380	1.7090	2.9207

Total Cases = 94

Summaries of DIAMETER
By levels of GLUKOSA

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		536.13	5.7035	1.5762	2.4844
GLUKOSA	1.00	269.98	5.7443	1.6610	2.7590
GLUKOSA	2.00	266.15	5.6628	1.5034	2.2603

Total Cases = 94

Summaries of DIAMETER
By levels of SN

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		536.13	5.7035	1.5762	2.4844
SN	1.00	144.58	6.2861	1.3838	1.9150
SN	2.00	113.08	4.9165	1.1952	1.4286
SN	3.00	150.90	6.5609	1.6620	2.7622
SN	4.00	127.57	5.1028	1.4250	2.0307

Total Cases = 94

Summaries of BK
By levels of WAKTU

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		145.497070	1.54784117	.40036105	.16028897
WAKTU	1.00	71.348730	1.58552733	.49082081	.24090506
WAKTU	2.00	74.148340	1.51323143	.29525577	.08717597

Total Cases = 94

Summaries of BK
By levels of GLUKOSA

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		145.497070	1.54784117	.40036105	.16028897
GLUKOSA	1.00	68.894480	1.46584000	.35665155	.12720033
GLUKOSA	2.00	76.602590	1.62984234	.42792688	.18312142

Total Cases = 94

Summaries of BK
By levels of SN

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		145.497070	1.54784117	.40036105	.16028897
SN	1.00	34.027940	1.47947565	.31190863	.09728699
SN	2.00	36.588690	1.59081261	.46609539	.21724491
SN	3.00	33.006470	1.43506391	.36594377	.13391484
SN	4.00	41.873970	1.67495880	.41805972	.17477393

Total Cases = 94

Summaries of JUMLAH
By levels of WAKTU

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		109613.00	1166.0957	1075.8658	1157487.16
WAKTU	1.00	52529.00	1167.3111	941.5624	886539.719
WAKTU	2.00	57084.00	1164.9796	1195.8124	1429967.31

Total Cases = 94

Summaries of JUMLAH
By levels of GLUKOSA

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		109613.00	1166.0957	1075.8658	1157487.16
GLUKOSA	1.00	53312.00	1134.2979	1050.9225	1104438.13
GLUKOSA	2.00	56301.00	1197.8936	1110.6902	1233632.79

Total Cases = 94

Summaries of JUMLAH
By levels of SN

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		109613.00	1166.0957	1075.8658	1157487.16
SN	1.00	15557.00	676.3913	598.0881	357709.431
SN	2.00	38992.00	1695.3043	1244.1349	1547871.77
SN	3.00	18194.00	791.0435	787.0849	619502.680
SN	4.00	36870.00	1474.8000	1199.2996	1438319.42

Total Cases = 94

Lampiran 11. Deskripsi Populasi dari Berat Kering dan Diameter Terhadap Jenis Karbon dan Waktu Inkubasi

- - Description of Subpopulations - -

Summaries of DIAM
By levels of KARBON

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		350.40	5.8400	1.6745	2.8038
KARBON	1.00	140.30	7.0150	1.1296	1.2761
KARBON	2.00	122.40	6.1200	1.4464	2.0922
KARBON	3.00	87.70	4.3850	1.2546	1.5740

Total Cases = 60

Summaries of DIAM
By levels of WAKTU

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		350.40	5.8400	1.6745	2.8038
WAKTU	1.00	177.70	5.9233	1.9283	3.7184
WAKTU	2.00	172.70	5.7567	1.4041	1.9715

Total Cases = 60

Summaries of BERATKRG
By levels of KARBON

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		.864550	.01440917	.02566108	.00065849
KARBON	1.00	.483410	.02417050	.04175449	.00174344
KARBON	2.00	.270880	.01354400	.01046416	.00010950
KARBON	3.00	.110260	.00551300	.00273081	.00000746

Total Cases = 60

Summaries of BERATKRG
By levels of WAKTU

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		.864550	.01440917	.02566108	.00065849
WAKTU	1.00	.656650	.02188833	.03479116	.00121042
WAKTU	2.00	.207900	.00693000	.00367828	.00001353

Total Cases = 60

Lampiran 12. Deskripsi Populasi dari Berat kering dan Diameter Terhadap Konsentrasi Glukosa dan Waktu Inkubasi

- - Description of Subpopulations - -

Summaries of BRTKRG
By levels of TIMEE

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		.495016	.00825027	.00795598	.00006330
TIMEE	1.00	.330440	.01101467	.00944007	.00008912
TIMEE	2.00	.164576	.00548587	.00488385	.00002385

Total Cases = 60

Summaries of BRTKRG
By levels of GLUCOSE

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		.495016	.00825027	.00795598	.00006330
GLUCOSE	1.00	.270880	.01354400	.01046416	.00010950
GLUCOSE	2.00	.115136	.00575680	.00588073	.00003458
GLUCOSE	3.00	.109000	.00545000	.00285949	.00000818

Total Cases = 60

Summaries of DIAME
By levels of TIMEE

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		327.20	5.4533	1.2945	1.6758
TIMEE	1.00	165.50	5.5167	1.4518	2.1076
TIMEE	2.00	161.70	5.3900	1.1373	1.2933

Total Cases = 60

Summaries of DIAME
By levels of GLUCOSE

Variable	Value Label	Sum	Mean	Std Dev	Variance
For Entire Population		327.20	5.4533	1.2945	1.6758
GLUCOSE	1.00	122.40	6.1200	1.4464	2.0922
GLUCOSE	2.00	102.60	5.1300	1.4019	1.9654
GLUCOSE	3.00	102.20	5.1100	.6664	.4441

Total Cases = 60