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LAMPIRAN

Lampiran: 1 Data hasil penelitian fase biologi berdasarkan jenis pakan

pakan *M. gilvus*

No	Tanggal							Imago Mati
	Tanggal Bertelur	Menetas (Ins 1)	Ins 2	Ins 3	Ins 4	Ins 5	Imago	
P0101	01-08-22	16-08-22	28-08-22	07-09-22	18-09-22	28-09-22	16-10-22	11-11-22
P0102	01-08-22	14-08-22	28-08-22	07-09-22	15-09-22	26-09-22	12-10-22	04-11-22
P0103	01-08-22	16-08-22	28-08-22	06-09-22	16-09-22	26-09-22	14-10-22	07-11-22
P0104	01-08-22	15-08-22	27-08-22	06-09-22	15-09-22	26-09-22	13-10-22	07-11-22
P0105	01-08-22	13-08-22	26-08-22	03-09-22	15-09-22	25-09-22	11-10-22	04-11-22
P0106	01-08-22	14-08-22	27-08-22	05-09-22	16-09-22	28-09-22	15-10-22	09-11-22
P0107	01-08-22	15-08-22	27-08-22	06-09-22	16-09-22	27-09-22	15-10-22	09-11-22
P0108	01-08-22	14-08-22	27-08-22	08-09-22	19-09-22	01-10-22	20-10-22	15-11-22
P0109	01-08-22	15-08-22	28-08-22	07-09-22	17-09-22	27-09-22	13-10-22	07-11-22

No	Lama Perubahan Instar (Hari)						
	Telur	Ins 1	Ins 2	Ins 3	Ins 4	Ins 5	Imago
P0101	15	12	10	11	10	18	26
P0102	13	14	10	8	11	16	23
P0103	15	12	9	10	10	18	24
P0104	14	12	10	9	11	17	25
P0105	12	13	8	12	10	16	24
P0106	13	13	9	11	12	17	25
P0107	14	12	10	10	11	18	25
P0108	13	13	12	11	12	19	26
P0109	14	13	10	10	10	16	25
Rerata	13.67	12.67	9.78	10.22	10.78	17.22	24.78

Pakan *H. illucens*

No	Tanggal							Imago Mati
	Tanggal Bertelur	Menetas (Ins 1)	Ins 2	Ins 3	Ins 4	Ins 5	Imago	
P0201	04-08-22	18-08-22	01-09-22	12-09-22	24-09-22	05-10-22	24-10-22	18-11-22
P0202	04-08-22	19-08-22	03-09-22	15-09-22	26-09-22	08-10-22	24-10-22	19-11-22
P0203	04-08-22	18-08-22	02-09-22	14-09-22	26-09-22	06-10-22	23-10-22	15-11-22
P0204	04-08-22	19-08-22	03-09-22	15-09-22	26-09-22	08-10-22	26-10-22	21-11-22
P0205	04-08-22	18-08-22	02-09-22	13-09-22	25-09-22	05-10-22	22-10-22	14-11-22
P0206	04-08-22	19-08-22	02-09-22	14-09-22	26-09-22	08-10-22	27-10-22	20-11-22
P0207	04-08-22	19-08-22	03-09-22	15-09-22	25-09-22	06-10-22	23-10-22	17-11-22
P0208	04-08-22	18-08-22	02-09-22	14-09-22	25-09-22	05-10-22	24-10-22	17-11-22
P0209	04-08-22	19-08-22	03-09-22	15-09-22	27-09-22	09-10-22	25-10-22	16-11-22

No	Lama Perubahan Instar (Hari)						
	Telur	Ins 1	Ins 2	Ins 3	Ins 4	Ins 5	Imago
P0201	14	14	11	12	11	19	25
P0202	15	15	12	11	12	16	26
P0203	14	15	12	12	10	17	23
P0204	15	15	12	11	12	18	26
P0205	14	15	11	12	10	17	23
P0206	15	14	12	12	12	19	24
P0207	15	15	12	10	11	17	25
P0208	14	15	12	11	10	19	24
P0209	15	15	12	12	12	16	22
Rerata	14.56	14.78	11.78	11.44	11.11	17.56	24.22

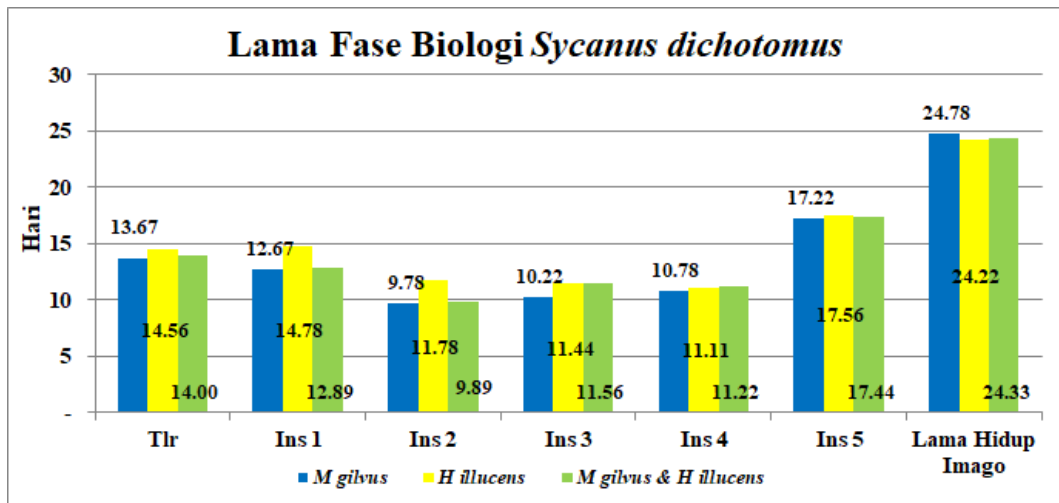
Pakan kombinasi

No	Tanggal							Imago Mati
	Tanggal Bertelur	Menetas (Ins 1)	Ins 2	Ins 3	Ins 4	Ins 5	Imago	
P0301	10-08-22	25-08-22	08-09-22	16-09-22	27-09-22	07-10-22	23-10-22	16-11-22
P0302	10-08-22	24-08-22	05-09-22	16-09-22	28-09-22	11-10-22	30-10-22	22-11-22
P0303	10-08-22	24-08-22	06-09-22	15-09-22	26-09-22	08-10-22	25-10-22	19-11-22
P0304	10-08-22	24-08-22	05-09-22	16-09-22	28-09-22	09-10-22	27-10-22	22-11-22
P0305	10-08-22	23-08-22	05-09-22	15-09-22	27-09-22	07-10-22	24-10-22	18-11-22
P0306	10-08-22	24-08-22	07-09-22	18-09-22	29-09-22	11-10-22	29-10-22	21-11-22
P0307	10-08-22	24-08-22	06-09-22	14-09-22	26-09-22	07-10-22	23-10-22	16-11-22
P0308	10-08-22	23-08-22	04-09-22	15-09-22	27-09-22	07-10-22	24-10-22	19-11-22
P0309	10-08-22	25-08-22	07-09-22	17-09-22	28-09-22	10-10-22	29-10-22	21-11-22

No	Lama Perubahan Instar (Hari)						
	Telur	Ins 1	Ins 2	Ins 3	Ins 4	Ins 5	Imago
P0301	15	14	8	11	10	16	24
P0302	14	12	11	12	13	19	23
P0303	14	13	9	11	12	17	25
P0304	14	12	11	12	11	18	26
P0305	13	13	10	12	10	17	25
P0306	14	14	11	11	12	18	23
P0307	14	13	8	12	11	16	24
P0308	13	12	11	12	10	17	26
P0309	15	13	10	11	12	19	23
Rerata	14.00	12.89	9.89	11.56	11.22	17.44	24.33

Lampiran 2. Rerata lama fase biologi *S. dichotomus* tiga perlakuan pakan

Fase Biologi <i>S. dichotomus</i>	<i>M. gilvus</i>	<i>H. illucens</i>	<i>M. gilvus & H. illucens</i>
Tlr	13.67	14.56	14.00
Ins 1	12.67	14.78	12.89
Ins 2	9.78	11.78	9.89
Ins 3	10.22	11.44	11.56
Ins 4	10.78	11.11	11.22
Ins 5	17.22	17.56	17.44
Lama Hidup Imago	24.78	24.22	24.33



Lampiran 3. Hasil analisis uji univariate lama fase biologi pada setiap fase perkembangan

Total Fase Biologi

Tests of Between-Subjects Effects

Dependent Variable: Fase Biologi

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	250.148 ^a	10	25.015	3.426	.014
Intercept	280704.037	1	280704.037	38447.731	.000
Perlakuan	185.852	2	92.926	12.728	.000
Ulangan	64.296	8	8.037	1.101	.412
Error	116.815	16	7.301		
Total	281071.000	27			
Corrected Total	366.963	26			

a. R Squared = .682 (Adjusted R Squared = .483)

Fase Biologi Instar 1

Tests of Between-Subjects Effects

Dependent Variable: Fase Biologi Ins 1

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	25.556 ^a	10	2.556	4.488	.004
Intercept	4880.333	1	4880.333	8570.341	.000
Perlakuan	24.222	2	12.111	21.268	.000
Ulangan	1.333	8	.167	.293	.958
Error	9.111	16	.569		
Total	4915.000	27			
Corrected Total	34.667	26			

a. R Squared = .737 (Adjusted R Squared = .573)

Fase Biologi Instar 2

Tests of Between-Subjects Effects

Dependent Variable: Fase Biologi Ins 2

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	34.148 ^a	10	3.415	4.339	.005
Intercept	2966.259	1	2966.259	3768.894	.000
Perlakuan	22.741	2	11.370	14.447	.000
Ulangan	11.407	8	1.426	1.812	.148
Error	12.593	16	.787		
Total	3013.000	27			
Corrected Total	46.741	26			

a. R Squared = .731 (Adjusted R Squared = .562)

Fase Biologi Instar 3

Tests of Between-Subjects Effects

Dependent Variable: Fase Biologi Ins 3

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	15.704 ^a	10	1.570	2.068	.094
Intercept	3311.148	1	3311.148	4361.024	.000
Perlakuan	9.852	2	4.926	6.488	.009
Ulangan	5.852	8	.731	.963	.496
Error	12.148	16	.759		
Total	3339.000	27			
Corrected Total	27.852	26			

a. R Squared = .564 (Adjusted R Squared = .291)

Fase Biologi Instar 4

Tests of Between-Subjects Effects

Dependent Variable: Fase Biologi Ins 4

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	12.593 ^a	10	1.259	1.943	.114
Intercept	3289.037	1	3289.037	5074.514	.000
Perlakuan	.963	2	.481	.743	.491
Ulangan	11.630	8	1.454	2.243	.080
Error	10.370	16	.648		
Total	3312.000	27			
Corrected Total	22.963	26			

a. R Squared = .548 (Adjusted R Squared = .266)

Fase Biologi Instar 5

Tests of Between-Subjects Effects

Dependent Variable: Fase Biologi Ins 5

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7.704 ^a	10	.770	.497	.868
Intercept	8181.481	1	8181.481	5275.224	.000
Perlakuan	.519	2	.259	.167	.848
Ulangan	7.185	8	.898	.579	.781
Error	24.815	16	1.551		
Total	8214.000	27			
Corrected Total	32.519	26			

a. R Squared = .237 (Adjusted R Squared = -.240)

Fase Biologi Imago

Tests of Between-Subjects Effects

Dependent Variable: Fase Biologi Imago

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	15.556 ^a	10	1.556	1.179	.371
Intercept	16133.333	1	16133.333	12227.368	.000
Perlakuan	1.556	2	.778	.589	.566
Ulangan	14.000	8	1.750	1.326	.299
Error	21.111	16	1.319		
Total	16170.000	27			
Corrected Total	36.667	26			

a. R Squared = .424 (Adjusted R Squared = .064)

Estimated Marginal Mean Lama Fase Biologi

Perlakuan

Dependent Variable: Fase Biologi

Perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
H illucens	105.444	.901	103.535	107.354
Kombinasi	101.333	.901	99.424	103.243
M gilvus	99.111	.901	97.202	101.020

Uji Lanjutan Duncan Lama Fase Biologi

Fase Biologi Imago

Duncan^{a,b}

Jenis Pakan	N	Subset	
		1	2
Rayap	9	99.1111	
Rayap & BSF	9	101.3333	
BSF	9		105.4444
Sig.		.100	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 7.301.

a. Uses Harmonic Mean Sample Size = 9.000.

b. Alpha = 0.05.

Lampiran 4. Data hasil penelitian mortalitas berdasarkan tiga jenis pakan

Pakan *M. gilvus*

No	Jlh Telur	Tlr		Ins 1		Ins 2		Ins 3	
		Menetas	Mortalitas	Ins 1	Mortalitas	Ins 2	Mortalitas	Ins 3	Mortalitas
P0101	105	102	2.86	99	2.94	94	5.05	88	6.38
P0102	73	71	2.74	69	2.82	65	5.80	61	6.15
P0103	89	88	1.12	86	2.27	81	5.81	75	7.41
P0104	97	96	1.03	89	7.29	84	5.62	79	5.95
P0105	97	95	2.06	92	3.16	87	5.43	81	6.90
P0106	89	86	3.37	85	1.16	81	4.71	76	6.17
P0107	81	79	2.47	76	3.80	72	5.26	70	2.78
P0108	89	88	1.12	86	2.27	81	5.81	76	6.17
P0109	89	87	2.25	85	2.30	81	4.71	74	8.64
Rerata	90	88	2.11	85.22	3.11	80.67	5.36	75.56	6.28

No	Ins 4		Ins 5		Mortalitas	
	Ins 4	Mortalitas	Ins 5	Mortalitas	Total	Mortalitas
P0101	81	7.95	74	8.64	28	27.45
P0102	55	9.84	53	3.64	18	25.35
P0103	69	8.00	64	7.25	24	27.27
P0104	74	6.33	68	8.11	28	29.17
P0105	79	2.47	69	12.66	26	27.37
P0106	69	9.21	63	8.70	23	26.74
P0107	63	10.00	58	7.94	21	26.58
P0108	72	5.26	66	8.33	22	25.00
P0109	68	8.11	64	5.88	23	26.44
Rerata	70.00	7.46	64.33	7.90	23.67	26.82

Pakan *H. illucens*

No	Jlh Telur	Tlr		Ins 1		Ins 2		Ins 3	
		Menetas	Mortalitas	Ins 1	Mortalitas	Ins 2	Mortalitas	Ins 3	Mortalitas
P0201	89	87	2.25	72	17.24	63	12.50	57	9.52
P0202	105	103	1.90	98	4.85	85	13.27	79	7.06
P0203	113	110	2.65	108	1.82	94	12.96	85	9.57
P0204	97	96	1.03	89	7.29	78	12.36	73	6.41
P0205	105	101	3.81	90	10.89	77	14.44	70	9.09
P0206	89	88	1.12	76	13.64	66	13.16	59	10.61
P0207	89	86	3.37	75	12.79	65	13.33	59	9.23
P0208	89	86	3.37	79	8.14	69	12.66	62	10.14
P0209	97	96	1.03	78	18.75	68	12.82	64	5.88
Rerata	97	95	2.28	85.00	10.60	73.89	13.06	67.56	8.61

No	Ins 4		Ins 5		Mortalitas	
	Ins 4	Mortalitas	Ins 5	Mortalitas	Total	Mortalitas
P0201	53	7.02	48	9.43	39	44.83
P0202	74	6.33	72	2.70	31	30.10
P0203	79	7.06	76	3.80	34	30.91
P0204	72	1.37	63	12.50	33	34.38
P0205	66	5.71	60	9.09	41	40.59
P0206	57	3.39	53	7.02	35	39.77
P0207	55	6.78	51	7.27	35	40.70
P0208	56	9.68	54	3.57	32	37.21
P0209	60	6.25	59	1.67	37	38.54
Rerata	63.56	5.95	59.56	6.34	35.22	37.45

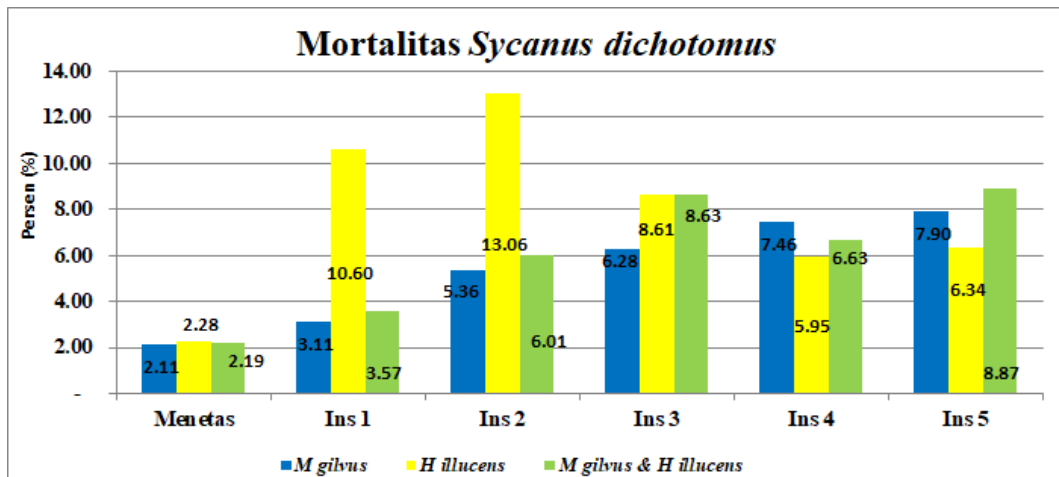
Pakan Kombinasi

No	Jlh Telur	Tlr		Ins 1		Ins 2		Ins 3	
		Menetas	Mortalitas	Ins 1	Mortalitas	Ins 2	Mortalitas	Ins 3	Mortalitas
P0301	105	100	4.76	99	1.00	93	6.06	91	2.15
P0302	97	95	2.06	89	6.32	84	5.62	76	9.52
P0303	97	95	2.06	93	2.11	88	5.38	75	14.77
P0304	105	99	5.71	96	3.03	87	9.38	83	4.60
P0305	113	112	0.88	109	2.68	103	5.50	95	7.77
P0306	81	80	1.23	77	3.75	73	5.19	66	9.59
P0307	105	104	0.95	100	3.85	94	6.00	85	9.57
P0308	97	96	1.03	92	4.17	87	5.43	80	8.05
P0309	97	96	1.03	91	5.21	86	5.49	76	11.63
Rerata	100	97	2.19	94.00	3.57	88.33	6.01	80.78	8.63

No	Ins 4		Ins 5		Mortalitas	
	Ins 4	Mortalitas	Ins 5	Mortalitas	Total	Mortalitas
P0301	89	2.20	82	7.87	18	18.00
P0302	70	7.89	61	12.86	34	35.79
P0303	74	1.33	67	9.46	28	29.47
P0304	79	4.82	69	12.66	30	30.30
P0305	84	11.58	77	8.33	35	31.25
P0306	64	3.03	58	9.38	22	27.50
P0307	80	5.88	75	6.25	29	27.88
P0308	69	13.75	67	2.90	29	30.21
P0309	69	9.21	62	10.14	34	35.42
Rerata	75.33	6.63	68.67	8.87	28.78	29.54

Lampiran 5. Rerata persentase mortalitas

Fase Biologi <i>S. dichotomus</i>	<i>M. gilvus</i>	<i>H. illucens</i>	<i>M. gilvus & H. illucens</i>
Menetas	2.11	2.28	2.19
Ins 1	3.11	10.60	3.57
Ins 2	5.36	13.06	6.01
Ins 3	6.28	8.61	8.63
Ins 4	7.46	5.95	6.63
Ins 5	7.90	6.34	8.87
Total	26.82	37.45	29.54



Lampiran 6. Hasil analisis uji univariate persentase mortalitas setiap fase perkembangan

Total Mortalitas

Tests of Between-Subjects Effects

Dependent Variable: % Mortalitas

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	593.336 ^a	10	59.334	2.545	.046
Intercept	26396.571	1	26396.571	1132.124	.000
Perlakuan	548.870	2	274.435	11.770	.001
Ulangan	44.465	8	5.558	.238	.977
Error	373.056	16	23.316		
Total	27362.962	27			
Corrected Total	966.391	26			

a. R Squared = .614 (Adjusted R Squared = .373)

Mortalitas Instar 1

Tests of Between-Subjects Effects

Dependent Variable: % Mortalitas Ins 1

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	400.146 ^a	10	40.015	3.001	.025
Intercept	896.026	1	896.026	67.195	.000
Perlakuan	317.232	2	158.616	11.895	.001
Ulangan	82.914	8	10.364	.777	.628
Error	213.356	16	13.335		
Total	1509.527	27			
Corrected Total	613.502	26			

a. R Squared = .652 (Adjusted R Squared = .435)

Mortalitas Instar 2

Tests of Between-Subjects Effects

Dependent Variable: % Mortalitas Ins 2

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	333.064 ^a	10	33.306	40.028	.000
Intercept	1788.521	1	1788.521	2149.481	.000
Perlakuan	328.245	2	164.123	197.246	.000
Ulangan	4.819	8	.602	.724	.669
Error	13.313	16	.832		
Total	2134.898	27			
Corrected Total	346.377	26			

a. R Squared = .962 (Adjusted R Squared = .938)

Mortalitas Instar 3

Tests of Between-Subjects Effects

Dependent Variable: % Mortalitas Ins 3

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	86.387 ^a	10	8.639	1.410	.260
Intercept	1660.042	1	1660.042	270.972	.000
Perlakuan	32.761	2	16.381	2.674	.100
Ulangan	53.626	8	6.703	1.094	.416
Error	98.020	16	6.126		
Total	1844.449	27			
Corrected Total	184.407	26			

a. R Squared = .468 (Adjusted R Squared = .136)

Mortalitas Instar 4

Tests of Between-Subjects Effects

Dependent Variable: % Mortalitas Ins 4

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	79.595 ^a	10	7.960	.747	.674
Intercept	1206.008	1	1206.008	113.114	.000
Perlakuan	10.281	2	5.140	.482	.626
Ulangan	69.315	8	8.664	.813	.602
Error	170.590	16	10.662		
Total	1456.193	27			
Corrected Total	250.185	26			

a. R Squared = .318 (Adjusted R Squared = -.108)

Mortalitas Instar 5

Tests of Between-Subjects Effects

Dependent Variable: % Mortalitas Ins 5

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	125.079 ^a	10	12.508	1.505	.225
Intercept	1603.141	1	1603.141	192.953	.000
Perlakuan	29.420	2	14.710	1.770	.202
Ulangan	95.659	8	11.957	1.439	.254
Error	132.935	16	8.308		
Total	1861.155	27			
Corrected Total	258.015	26			

a. R Squared = .485 (Adjusted R Squared = .163)

Estimated Marginal Mean Mortalitas

Jenis Pakan

Dependent Variable: Persentase Mortalitas

Jenis Pakan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
H illucens	37.448	1.610	34.036	40.860
Kombinasi	29.536	1.610	26.123	32.948
M gilvus	26.819	1.610	23.407	30.231

Uji Lanjutan Duncan Mortalitas

% Mortalitas

Duncan^{a,b}

Jenis Pakan	N	Subset	
		1	2
Rayap	9	26.8189	
Rayap & BSF	9	29.5356	
BSF	9		37.4478
Sig.		.250	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 23.316.

a. Uses Harmonic Mean Sample Size = 9.000.

b. Alpha = 0.05.

Lampiran 7. Data pengamatan suhu dan kelembaban per bulan

Suhu dan kelembaban bulan Agustus

No	Tanggal	Suhu Ruangan °C		Kelembaban Ruangan (%)		Rata-rata	
		9:00	14:00	9:00	14:00	Suhu	Kelembaban
1	01-08-22	33.00	31.40	67.00	81.00	32.20	74.00
2	02-08-22	30.60	25.50	70.00	86.00	28.05	78.00
3	03-08-22	29.60	31.40	81.00	85.00	30.50	83.00
4	04-08-22	28.10	30.10	86.00	72.00	29.10	79.00
5	05-08-22	28.20	29.30	81.00	76.00	28.75	78.50
6	06-08-22	29.10	30.90	69.00	78.00	30.00	73.50
7	07-08-22	29.20	31.20	68.00	77.00	30.20	72.50
8	08-08-22	26.00	32.30	88.00	70.00	29.15	79.00
9	09-08-22	24.00	29.70	81.00	74.00	26.85	77.50
10	10-08-22	26.40	29.20	92.00	78.00	27.80	85.00
11	11-08-22	28.50	31.70	81.00	83.00	30.10	82.00
12	12-08-22	27.00	35.30	90.00	66.00	31.15	78.00
13	13-08-22	23.30	24.90	88.00	85.00	24.10	86.50
14	14-08-22	26.60	33.00	89.00	73.00	29.80	81.00
15	15-08-22	25.20	30.50	87.00	76.00	27.85	81.50
16	16-08-22	25.10	30.40	88.00	84.00	27.75	86.00
17	17-08-22	27.49	30.43	82.00	83.00	28.96	82.50
18	18-08-22	25.90	31.40	91.00	81.00	28.65	86.00
19	19-08-22	29.80	31.90	75.00	82.00	30.85	78.50
20	20-08-22	26.90	32.50	91.00	78.00	29.70	84.50
21	21-08-22	27.10	33.20	90.00	72.00	30.15	81.00
22	22-08-22	27.80	26.80	87.00	80.00	27.30	83.50
23	23-08-22	26.10	31.90	91.00	76.00	29.00	83.50
24	24-08-22	28.20	30.10	84.00	75.00	29.15	79.50
25	25-08-22	25.50	28.80	88.00	81.00	27.15	84.50
26	26-08-22	27.50	30.10	92.00	81.00	28.80	86.50
27	27-08-22	30.20	25.40	75.00	75.00	27.80	75.00
28	28-08-22	30.10	30.35	70.00	83.00	30.23	76.50
29	29-08-22	27.59	30.35	83.00	83.00	28.97	83.00
30	30-08-22	29.09	31.96	81.00	85.00	30.53	83.00
31	31-08-22	30.10	33.90	67.00	81.00	32.00	74.00

Suhu dan kelembaban bulan September

No	Tanggal	Suhu Ruang °C		Kelembaban Ruang (%)		Rata-rata	
		9:00	14:00	9:00	14:00	Suhu	Kelembaban
1	01-09-22	30.90	30.10	81.00	70.00	30.50	75.50
2	02-09-22	30.00	33.90	67.00	71.00	31.95	69.00
3	03-09-22	27.10	30.90	91.00	66.00	29.00	78.50
4	04-09-22	28.30	30.80	69.00	68.00	29.55	68.50
5	05-09-22	30.20	33.90	67.00	71.00	32.05	69.00
6	06-09-22	27.00	30.20	86.00	72.00	28.60	79.00
7	07-09-22	22.10	23.40	89.00	87.00	22.75	88.00
8	08-09-22	21.30	22.60	89.00	87.00	21.95	88.00
9	09-09-22	27.78	31.80	82.00	75.00	29.79	78.50
10	10-09-22	27.80	31.82	84.00	77.00	29.81	80.50
11	11-09-22	27.73	31.75	77.00	70.00	29.74	73.50
12	12-09-22	28.20	30.10	84.00	75.00	29.15	79.50
13	13-09-22	29.09	31.96	81.00	85.00	30.53	83.00
14	14-09-22	27.50	30.25	81.00	75.00	28.88	78.00
15	15-09-22	27.83	31.85	87.00	80.00	29.84	83.50
16	16-09-22	28.23	30.13	87.00	78.00	29.18	82.50
17	17-09-22	27.78	31.80	82.00	75.00	29.79	78.50
18	18-09-22	28.25	30.15	89.00	80.00	29.20	84.50
19	19-09-22	27.37	27.07	78.00	79.00	27.22	78.50
20	20-09-22	27.80	31.82	84.00	77.00	29.81	80.50
21	21-09-22	27.78	31.80	82.00	75.00	29.79	78.50
22	22-09-22	27.73	31.75	77.00	70.00	29.74	73.50
23	23-09-22	27.85	30.80	83.00	77.00	29.33	80.00
24	24-09-22	27.83	31.85	87.00	80.00	29.84	83.50
25	25-09-22	27.80	31.82	84.00	77.00	29.81	80.50
26	26-09-22	27.78	31.80	82.00	75.00	29.79	78.50
27	27-09-22	27.73	31.75	77.00	70.00	29.74	73.50
28	28-09-22	24.00	29.70	81.00	74.00	26.85	77.50
29	29-09-22	27.03	31.38	82.00	75.00	29.21	78.50
30	30-09-22	27.51	30.65	82.00	76.00	29.08	79.00

Suhu dan kelembaban bulan Oktober

No	Tanggal	Suhu Ruang °C		Kelembaban Ruang (%)		Rata-rata	
		9:00	14:00	9:00	14:00	Suhu	Kelembaban
1	01-10-22	28.72	30.86	81.00	77.00	29.79	79.00
2	02-10-22	29.60	31.40	81.00	85.00	30.50	83.00
3	03-10-22	27.09	31.67	86.00	78.00	29.38	82.00
4	04-10-22	27.80	31.82	84.00	77.00	29.81	80.50
5	05-10-22	28.20	30.10	84.00	75.00	29.15	79.50
6	06-10-22	28.17	31.25	84.00	79.00	29.71	81.50
7	07-10-22	28.21	30.11	85.00	76.00	29.16	80.50
8	08-10-22	29.78	27.99	75.00	78.00	28.89	76.50
9	09-10-22	29.65	28.44	73.00	76.00	29.05	74.50
10	10-10-22	28.95	28.57	79.00	82.00	28.76	80.50
11	11-10-22	28.23	30.13	87.00	78.00	29.18	82.50
12	12-10-22	28.96	29.05	80.00	78.00	29.01	79.00
13	13-10-22	27.83	31.85	87.00	80.00	29.84	83.50
14	14-10-22	28.54	30.20	82.00	79.00	29.37	80.50
15	15-10-22	27.80	30.26	84.00	78.00	29.03	81.00
16	16-10-22	27.73	31.75	77.00	70.00	29.74	73.50
17	17-10-22	28.44	30.31	82.00	78.00	29.38	80.00
18	18-10-22	27.80	31.82	84.00	77.00	29.81	80.50
19	19-10-22	27.78	31.80	82.00	75.00	29.79	78.50
20	20-10-22	27.73	31.75	77.00	70.00	29.74	73.50
21	21-10-22	27.80	31.82	84.00	77.00	29.81	80.50
22	22-10-22	27.83	31.85	87.00	80.00	29.84	83.50
23	23-10-22	27.73	31.75	77.00	70.00	29.74	73.50
24	24-10-22	30.60	25.50	70.00	86.00	28.05	78.00
25	25-10-22	31.58	32.68	70.00	69.00	32.13	69.50
26	26-10-22	31.61	32.71	73.00	72.00	32.16	72.50
27	27-10-22	31.60	32.70	72.00	71.00	32.15	71.50
28	28-10-22	29.67	31.47	88.00	92.00	30.57	90.00
29	29-10-22	27.80	31.82	84.00	77.00	29.81	80.50
30	30-10-22	29.13	31.47	79.00	76.00	30.30	77.50
31	31-10-22	27.83	31.85	87.00	80.00	29.84	83.50

Suhu dan kelembaban bulan November

No	Tanggal	Suhu Ruang °C		Kelembaban Ruang (%)		Rata-rata	
		9:00	14:00	9:00	14:00	Suhu	Kelembaban
1	01-11-22	28.15	29.73	84.00	82.00	28.94	83.00
2	02-11-22	28.00	29.90	84.00	82.00	28.95	83.00
3	03-11-22	28.20	29.57	83.00	81.00	28.89	82.00
4	04-11-22	27.78	31.80	82.00	80.00	29.79	81.00
5	05-11-22	28.25	30.15	89.00	85.00	29.20	87.00
6	06-11-22	28.16	29.63	84.00	82.00	28.90	83.00
7	07-11-22	30.20	25.40	80.00	80.00	27.80	80.00
8	08-11-22	29.45	28.15	75.00	80.00	28.80	77.50
9	09-11-22	27.16	31.74	93.00	88.00	29.45	90.50
10	10-11-22	27.80	31.82	84.00	82.00	29.81	83.00
11	11-11-22	30.10	30.35	75.00	78.00	30.23	76.50
12	12-11-22	27.83	31.85	87.00	85.00	29.84	86.00
13	13-11-22	29.99	30.24	75.00	73.00	30.12	74.00
14	14-11-22	27.78	31.80	82.00	80.00	29.79	81.00
15	15-11-22	22.30	23.75	89.00	89.00	23.03	89.00
16	16-11-22	27.80	31.82	84.00	82.00	29.81	83.00
17	17-11-22	30.22	25.42	87.00	82.00	27.82	84.50
18	18-11-22	28.09	29.91	85.00	82.00	29.00	83.50
19	19-11-22	27.80	30.26	84.00	83.00	29.03	83.50
20	20-11-22	27.83	31.85	87.00	85.00	29.84	86.00
21	21-11-22	25.50	28.80	88.00	86.00	27.15	87.00
22	22-11-22	27.78	31.80	82.00	80.00	29.79	81.00
23	23-11-22	27.80	31.82	84.00	82.00	29.81	83.00
24	24-11-22	27.34	30.91	85.00	83.00	29.13	84.00
25	25-11-22	28.85	28.91	84.00	81.00	28.88	82.50
26	26-11-22	30.20	25.40	80.00	80.00	27.80	80.00
27	27-11-22	27.78	31.80	82.00	80.00	29.79	81.00
28	28-11-22	30.22	25.42	87.00	82.00	27.82	84.50
29	29-11-22	28.20	30.10	84.00	80.00	29.15	82.00
30	30-11-22	27.83	31.85	87.00	85.00	29.84	86.00

Lampiran 8. Rekap data pengamatan suhu dan kelembaban

No	Bulan	Suhu Ruang °C		Kelembaban Ruang (%)		Suhu Ruang	Kelembaban Ruang (%)
		9:00	14:00	9:00	14:00		
1	Agustus	27.72	30.51	82.35	78.71	29.12	80.53
2	September	27.51	30.65	81.73	75.57	29.08	78.65
3	Oktober	28.72	30.86	80.81	77.29	29.79	79.05
4	November	28.15	29.73	83.87	82.00	28.94	82.93
Rerata		28.02	30.44	82.19	78.39	29.23	80.29

