Lampiran 3. Hasil Analisis Variansi Rancangan Faktorial Terhadap Pola Perilaku Makan Pasif Belalang Kembara

ANALISIS SAS PADA POLA MAKAN :

ANALISIS VARIANSI RANCANGAN FAKTORIAL

General Linear Models Procedure

Dependent Variable: PM

Source	DF	Sum of Squares	F Value	Pr > F
Model	63	4.95911458	34.35	0.0001
Error	128	0.29333333		
Corrected Total	191	5.25244792		

R-Square	C.V.	PM Mean
0.944153	7.614996	0.62864583

Source	DF	Type I SS	F Value	Pr > F
F	3	3.38140625	491.84	0.0001
T	3	0.57807292	84.08	0.0001
F*T	9	0.42880208	20.79	0.0001
R	3	0.20265625	29.48	0.0001
F*R	9	0.15755208	7.64	0.0001
T*R	9	0.06421875	3.11	0.0020
F*T*R	27	0.14640625	2.37	0.0007

General Linear Models Procedure

Tukey's Studentized Range (HSD) Test for variable: PM

NOTE: This test controls the type I experimentwise error rate, but generally has a higher type II error rate than REGWQ.

Alpha= 0.05 df= 128 MSE= 0.002292
Critical Value of Studentized Range= 3.681
Minimum Significant Difference= 0.0254

Means with the same letter are not significantly different.

Tukey Grouping	Mean	N	F
A	0.847917	48	3
B	0.610417	48	4
C	0.558333	48	2
D	0.497917	48	1

ANALISIS VARIANSI RANCANGAN FAKTORIAL

General Linear Models Procedure

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Alpha= 0.05 df= 128 MSE= 0.002292
Critical Value of Studentized Range= 3.681
Minimum Significant Difference= 0.0254

Means with the same letter are not significantly different.

Tukey Grouping	Mean	N	T
A	0.689583	48	3
A	0.675000	48	4
B	0.589583	48	1
C	0.560417	48	2

Level of F	Level of T	PM N	PM Mean	PM SD
1	1	12	0.44166667	0.05149287
1	2	12	0.44166667	0.06685579
1	3	12	0.53333333	0.04923660
1	4	12	0.57500000	0.04522670
2	1	12	0.56666667	0.04923660
2	2	12	0.46666667	0.06513389
2	3	12	0.57500000	0.04522670
2	4	12	0.62500000	0.04522670
3	1	12	0.73333333	0.06513389
3	2	12	0.76666667	0.07784989
3	3	12	0.93333333	0.04923660
3	4	12	0.95833333	0.05149287
4	1	12	0.61666667	0.08348471
4	2	12	0.56666667	0.09847319
4	3	12	0.71666667	0.03892495
4	4	12	0.54166667	0.15050420

ANALISIS VARIANSI RANCANGAN FAKTORIAL

General Linear Models Procedure

Tukey's Studentized Range (HSD) Test for variable: PM

NOTE: This test controls the type I experimentwise error rate, but generally has a higher type II error rate than REGWQ.

Alpha= 0.05 df= 128 MSE= 0.002292
Critical Value of Studentized Range= 3.681
Minimum Significant Difference= 0.0254

Means with the same letter are not significantly different.

Tukey Grouping	Mean	N	R
A	0.672917	48	1
B	0.645833	48	2
C	0.604167	48	3
C	0.591667	48	4

Level of F	Level of R	N	PM Mean	PM SD
1	1	12	0.50833333	0.07929615
1	2	12	0.50000000	0.08528029
1	3	12	0.49166667	0.06685579
1	4	12	0.49166667	0.09003366
2	1	12	0.55833333	0.09962049
2	2	12	0.58333333	0.05773503
2	3	12	0.53333333	0.08876254
2	4	12	0.55833333	0.05149287
3	1	12	0.90833333	0.09003366
3	2	12	0.87500000	0.10552897
3	3	12	0.81666667	0.12673045
3	4	12	0.79166667	0.11645002
4	1	12	0.71666667	0.07177406
4	2	12	0.62500000	0.09653073
4	3	12	0.57500000	0.10552897
4	4	12	0.52500000	0.11381804

Level of T	Level of R	N	PM Mean	PM SD
1	1	12	0.63333333	0.13026779
1	2	12	0.61666667	0.13371158
1	3	12	0.58333333	0.10298573
1	4	12	0.52500000	0.10552897
2	1	12	0.59166667	0.20207259
2	2	12	0.59166667	0.15050420
2	3	12	0.52500000	0.12154311
2	4	12	0.53333333	0.11547005
3	1	12	0.71666667	0.18006733
3	2	12	0.69166667	0.16213537
3	3	12	0.65833333	0.18809250
3	4	12	0.69166667	0.13789544
4	1	12	0.75000000	0.16787441
4	2	12	0.68333333	0.20375267

4	3	12	0.65000000	0.18829377
4	4	12	0.61666667	0.18504709

Level of F	Level of T	Level of R	N	PM Mean	PM SD
1	1	1	3	0.46666667	0.05773503
1	1	2	3	0.43333333	0.05773503
1	1	3	3	0.46666667	0.05773503
1	1	4	3	0.40000000	0.00000000
1	2	1	3	0.43333333	0.05773503
1	2	2	3	0.43333333	0.05773503
1	2	3	3	0.43333333	0.05773503
1	2	4	3	0.46666667	0.11547005
1	3	1	3	0.53333333	0.05773503
1	3	2	3	0.53333333	0.05773503
1	3	3	3	0.50000000	0.00000000
1	3	4	3	0.56666667	0.05773503
1	4	1	3	0.60000000	0.00000000
1	4	2	3	0.60000000	0.00000000
1	4	3	3	0.56666667	0.05773503
1	4	4	3	0.53333333	0.05773503
2	1	1	3	0.60000000	0.00000000
2	1	2	3	0.60000000	0.00000000
2	1	3	3	0.53333333	0.05773503
2	1	4	3	0.53333333	0.05773503
2	2	1	3	0.40000000	0.00000000
2	2	2	3	0.50000000	0.00000000
2	2	3	3	0.46666667	0.11547005
2	2	4	3	0.50000000	0.00000000
2	3	1	3	0.60000000	0.00000000
2	3	2	3	0.60000000	0.00000000
2	3	3	3	0.50000000	0.00000000
2	3	4	3	0.60000000	0.00000000
2	4	1	3	0.63333333	0.05773503
2	4	2	3	0.63333333	0.05773503
2	4	3	3	0.63333333	0.05773503
2	4	4	3	0.60000000	0.00000000
3	1	1	3	0.80000000	0.00000000
3	1	2	3	0.76666667	0.05773503
3	1	3	3	0.70000000	0.00000000
3	1	4	3	0.66666667	0.05773503
3	2	1	3	0.86666667	0.05773503
3	2	2	3	0.80000000	0.00000000
3	2	3	3	0.70000000	0.00000000
3	2	4	3	0.70000000	0.00000000
3	3	1	3	0.96666667	0.05773503
3	3	2	3	0.93333333	0.05773503
3	3	3	3	0.93333333	0.05773503
3	3	4	3	0.90000000	0.00000000
3	4	1	3	1.00000000	0.00000000
3	4	2	3	1.00000000	0.00000000