

LAMPIRAN

7.1.Kadar Abu

7.1.1. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-----------|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Kadar_Abu | .099 | 75 | .067 | .955 | 75 | .009 |

a. Lilliefors Significance Correction

7.1.2. Uji Homogenitas

Levene's Test of Equality of Error Variances^a

Dependent Variable: Kadar_Abu

| F | df1 | df2 | Sig. |
|-------|-----|-----|------|
| 1.743 | 14 | 60 | .070 |

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Kadar_Tepung + Sirup_Yakon + Kadar_Tepung * Sirup_Yakon

7.1.3. Uji Two Way ANOVA dan Duncan

Tests of Between-Subjects Effects

Dependent Variable: Kadar_Abu

| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
|----------------------------|-------------------------|----|-------------|----------|------|
| Corrected Model | 3.379 ^a | 14 | .241 | 1.446 | .161 |
| Intercept | 398.186 | 1 | 398.186 | 2385.841 | .000 |
| Kadar_Tepung | 1.311 | 2 | .655 | 3.927 | .025 |
| Sirup_Yakon | 1.611 | 4 | .403 | 2.413 | .059 |
| Kadar_Tepung * Sirup_Yakon | .457 | 8 | .057 | .342 | .946 |
| Error | 10.014 | 60 | .167 | | |
| Total | 411.579 | 75 | | | |
| Corrected Total | 13.392 | 74 | | | |

a. R Squared = ,252 (Adjusted R Squared = ,078)

Kadar_Abu

Duncan^{a,b}

| Kadar_Tepung | N | Subset | |
|-----------------|----|--------|--------|
| | | 1 | 2 |
| Tepung 40:40:20 | 25 | 2.1213 | |
| Tepung 40:30:30 | 25 | | 2.3619 |
| Tepung 40:20:40 | 25 | | 2.4293 |
| Sig. | | 1.000 | .562 |

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = ,167.

a. Uses Harmonic Mean Sample Size = 25,000.

b. Alpha = ,05.

Kadar_Abu

Duncan^{a,b}

| Sirup_Yakon | N | Subset | |
|-------------------|----|--------|--------|
| | | 1 | 2 |
| Sirup Yakon 50 mL | 15 | 2.1257 | |
| Sirup Yakon 60 mL | 15 | 2.2015 | 2.2015 |
| Sirup Yakon 40 mL | 15 | 2.2446 | 2.2446 |
| Sirup Yakon 70 mL | 15 | 2.4332 | 2.4332 |
| Sirup Yakon 80 mL | 15 | | 2.5158 |
| Sig. | | .063 | .057 |

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = ,167.

a. Uses Harmonic Mean Sample Size = 15,000.

b. Alpha = ,05.

7.1.4. Variasi Sirup Yakon

7.1.4.1. Uji Homogenitas

Test of Homogeneity of Variances

Abu

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 2.805 | 4 | 10 | .085 |

7.1.4.2. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-----|---------------------------------|----|-------------------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Abu | .152 | 15 | .200 [*] | .945 | 15 | .447 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

7.1.4.3. Uji *One Way* ANOVA dan Duncan

ANOVA

Abu

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 3.220E+17 | 4 | 8.051E+16 | 2.274 | .133 |
| Within Groups | 3.540E+17 | 10 | 3.540E+16 | | |
| Total | 6.761E+17 | 14 | | | |

Abu

Duncan^a

| Sirup_Yakon | N | Subset for alpha = 0.05 | |
|-------------------|---|-------------------------|--------|
| | | 1 | 2 |
| Sirup yakon 50 ml | 3 | 2.1260 | |
| Sirup yakon 60 ml | 3 | 2.2013 | 2.2013 |
| Sirup Yakon 40 mL | 3 | 2.2447 | 2.2447 |
| Sirup yakon 70 ml | 3 | 2.4330 | 2.4330 |
| Sirup yakon 80 ml | 3 | | 2.5160 |
| Sig. | | .092 | .085 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

7.1.5. Variasi Jenis Tepung

7.1.5.1. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-----------|---------------------------------|----|-------------------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Kadar_Abu | .152 | 15 | .200 [*] | .945 | 15 | .447 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

7.1.5.2. Uji Homogenitas

Test of Homogeneity of Variances

Kadar_Abu

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| .301 | 2 | 12 | .745 |

7.1.5.3. Uji One Way ANOVA dan Duncan

ANOVA

Kadar_Abu

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | .262 | 2 | .131 | 3.804 | .053 |
| Within Groups | .413 | 12 | .034 | | |
| Total | .675 | 14 | | | |

Kadar_Abu

Duncan^a

| Jenis_Tepung | N | Subset for alpha = 0.05 | |
|-----------------|---|-------------------------|--------|
| | | 1 | 2 |
| Tepung 40:40:20 | 5 | 2.1214 | |
| Tepung 40:30:30 | 5 | 2.3618 | 2.3618 |
| Tepung 40:20:40 | 5 | | 2.4294 |
| Sig. | | .063 | .575 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

7.2. Kadar Air

7.2.1. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-----------|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Kadar_Air | .232 | 75 | .000 | .815 | 75 | .000 |

a. Lilliefors Significance Correction

7.2.2. Uji Homogenitas

Levene's Test of Equality of Error Variances^a

Dependent Variable: Kadar_Air

| F | df1 | df2 | Sig. |
|-------|-----|-----|------|
| 2.422 | 14 | 60 | .009 |

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

- a. Design: Intercept + Kadar_Tepung + Sirup_Yakon + Kadar_Tepung * Sirup_Yakon

7.2.3. Uji Two Way ANOVA dan Duncan

Tests of Between-Subjects Effects

Dependent Variable: Kadar_Air

| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
|----------------------------|-------------------------|----|-------------|------------|------|
| Corrected Model | 20.777 ^a | 14 | 1.484 | 259.372 | .000 |
| Intercept | 814.336 | 1 | 814.336 | 142321.348 | .000 |
| Kadar_Tepung | .663 | 2 | .332 | 57.954 | .000 |
| Sirup_Yakon | 2.683 | 4 | .671 | 117.245 | .000 |
| Kadar_Tepung * Sirup_Yakon | 17.430 | 8 | 2.179 | 380.790 | .000 |
| Error | .343 | 60 | .006 | | |
| Total | 835.457 | 75 | | | |
| Corrected Total | 21.120 | 74 | | | |

- a. R Squared = .984 (Adjusted R Squared = .980)

Kadar_Air

Duncan^{a,b}

| Kadar_Tepung | N | Subset | | |
|--------------|----|--------|--------|--------|
| | | 1 | 2 | 3 |
| 40:40:20 | 25 | 3.1698 | | |
| 40:20:40 | 25 | | 3.3194 | |
| 40:30:30 | 25 | | | 3.3962 |
| Sig. | | 1.000 | 1.000 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .006.

- a. Uses Harmonic Mean Sample Size = 25.000.

- b. Alpha = .05.

Kadar_Air

Duncan^{a,b}

| Sirup_Yakon | N | Subset | | | |
|-------------|----|--------|--------|--------|--------|
| | | 1 | 2 | 3 | 4 |
| 80 ml | 15 | 3.0325 | | | |
| 60 ml | 15 | | 3.2077 | | |
| 50 ml | 15 | | 3.2167 | | |
| 40 ml | 15 | | | 3.4628 | |
| 70 ml | 15 | | | | 3.5559 |
| Sig. | | 1.000 | .746 | 1.000 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .006.

a. Uses Harmonic Mean Sample Size = 15.000.

b. Alpha = .05.

7.2.4. Variasi Sirup Yakon

7.2.4.1. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-----|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Air | .266 | 15 | .005 | .809 | 15 | .005 |

a. Lilliefors Significance Correction

7.2.4.2. Uji Homogenitas

Test of Homogeneity of Variances

Air

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 2.987 | 4 | 10 | .073 |

Berdasarkan Tabel 21. di atas, dapat dilihat bahwa nilai signifikansi 0,073 ($P > 0,05$) yang menunjukkan bahwa data bersifat homogen.

7.2.4.3. Uji One Way ANOVA dan Duncan

ANOVA

Air

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|------|------|
| Between Groups | .537 | 4 | .134 | .371 | .824 |
| Within Groups | 3.618 | 10 | .362 | | |
| Total | 4.155 | 14 | | | |

Air

Duncan^a

| Sirup_Yakon | N | Subset for alpha = 0.05 |
|-------------------|---|----------------------------|
| | | 1 |
| Sirup yakon 80 ml | 3 | 3.0323 |
| Sirup yakon 60 ml | 3 | 3.2077 |
| Sirup yakon 50 ml | 3 | 3.2167 |
| Sirup Yakon 40 mL | 3 | 3.4630 |
| Sirup yakon 70 ml | 3 | 3.5560 |
| Sig. | | .348 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

7.2.5. Variasi Jenis Tepung

7.2.5.1.Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-----------|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Kadar_Air | .266 | 15 | .005 | .809 | 15 | .005 |

a. Lilliefors Significance Correction

7.2.5.2.Uji Homogenitas

Test of Homogeneity of Variances

Kadar_Air

| Levene Statistic | df1 | df2 | Sig. |
|---------------------|-----|-----|------|
| 3.286 | 2 | 12 | .073 |

7.2.5.3.Uji One Way ANOVA dan Duncan

ANOVA

Kadar_Air

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|-------------------|----|-------------|------|------|
| Between Groups | .133 | 2 | .066 | .198 | .823 |
| Within Groups | 4.023 | 12 | .335 | | |
| Total | 4.155 | 14 | | | |

Kadar_Air

Duncan^a

| Jenis_Tepung | N | Subset for alpha = 0.05 |
|-----------------|---|----------------------------|
| | | 1 |
| Tepung 40:40:20 | 5 | 3.1698 |
| Tepung 40:20:40 | 5 | 3.3194 |
| Tepung 40:30:30 | 5 | 3.3962 |
| Sig. | | .568 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

7.3. Kadar Lemak

7.3.1. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-------------|---------------------------------|----|-------------------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Kadar_lemak | .073 | 75 | .200 [*] | .987 | 75 | .619 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

7.3.2. Uji Homogenitas

Levene's Test of Equality of Error Variances^a

Dependent Variable: Kadar_lemak

| F | df1 | df2 | Sig. |
|-------|-----|-----|------|
| 1.532 | 14 | 60 | .127 |

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Kadar_tepung + Kadar_sirup + Kadar_tepung * Kadar_sirup

7.3.3. Uji Two Way ANOVA dan Duncan

Tests of Between-Subjects Effects

Dependent Variable: Kadar_lemak

| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
|----------------------------|-------------------------|----|-------------|-----------|------|
| Corrected Model | 61.862 ^a | 14 | 4.419 | 3.973 | .000 |
| Intercept | 23935.188 | 1 | 23935.188 | 21522.661 | .000 |
| Kadar_tepung | 6.878 | 2 | 3.439 | 3.092 | .053 |
| Kadar_sirup | 44.258 | 4 | 11.065 | 9.949 | .000 |
| Kadar_tepung * Kadar_sirup | 10.726 | 8 | 1.341 | 1.206 | .311 |
| Error | 66.726 | 60 | 1.112 | | |
| Total | 24063.775 | 75 | | | |
| Corrected Total | 128.588 | 74 | | | |

a. R Squared = .481 (Adjusted R Squared = .360)

Kadar_lemak

Duncan^{a,b}

| Kadar_tepung | N | Subset | |
|-----------------|----|---------|---------|
| | | 1 | 2 |
| Tepung 40:40:20 | 25 | 17.4476 | |
| Tepung 40:30:30 | 25 | 17.9873 | 17.9873 |
| Tepung 40:20:40 | 25 | | 18.1582 |
| Sig. | | .075 | .569 |

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 1.112.

a. Uses Harmonic Mean Sample Size = 25.000.

b. Alpha = .05.

Kadar_lemak

Duncan^{a,b}

| Kadar_sirup | N | Subset | | |
|-------------------|----|---------|---------|---------|
| | | 1 | 2 | 3 |
| Sirup Yakon 80 mL | 15 | 16.6146 | | |
| Sirup Yakon 70 mL | 15 | | 17.4343 | |
| Sirup Yakon 50 mL | 15 | | 18.0630 | 18.0630 |
| Sirup Yakon 60 mL | 15 | | | 18.4218 |
| Sirup Yakon 40 mL | 15 | | | 18.7882 |
| Sig. | | 1.000 | .108 | .079 |

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 1.112.

a. Uses Harmonic Mean Sample Size = 15.000.

b. Alpha = ,05.

7.3.4. Variasi Sirup Yakon

7.3.4.1.Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-------|---------------------------------|----|-------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Lemak | .120 | 15 | .200* | .956 | 15 | .619 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

7.3.4.2.Uji Homogenitas

Test of Homogeneity of Variances

Lemak

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 1.255 | 4 | 10 | .349 |

7.3.4.3.Uji One Way ANOVA dan Duncan

ANOVA

Lemak

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 8.851 | 4 | 2.213 | 6.285 | .009 |
| Within Groups | 3.521 | 10 | .352 | | |
| Total | 12.372 | 14 | | | |

Lemak

Duncan^a

| Sirup_Yakon | N | Subset for alpha = 0.05 | | |
|-------------|---|-------------------------|---------|---------|
| | | 1 | 2 | 3 |
| 80 ml | 3 | 16.6147 | | |
| 70 ml | 3 | 17.4343 | 17.4343 | |
| 50 ml | 3 | | 18.0630 | 18.0630 |
| 60 ml | 3 | | 18.4217 | 18.4217 |
| 40 ml | 3 | | | 18.7883 |
| Sig. | | .122 | .080 | .183 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

7.3.5. Variasi Jenis Tepung

7.3.5.1. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-------------|---------------------------------|----|-------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Kadar_Lemak | .120 | 15 | .200* | .956 | 15 | .619 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

7.3.5.2. Uji Homogenitas

Test of Homogeneity of Variances

Kadar_Lemak

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| .295 | 2 | 12 | .750 |

7.3.5.3. Uji One Way ANOVA dan Duncan

ANOVA

Kadar_Lemak

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|------|------|
| Between Groups | 1.377 | 2 | .689 | .752 | .493 |
| Within Groups | 10.995 | 12 | .916 | | |
| Total | 12.372 | 14 | | | |

Kadar_Lemak

Duncan^a

| Tepung | N | Subset for alpha = 0.05 |
|----------|---|----------------------------|
| | | 1 |
| 40:40:20 | 5 | 17.4474 |
| 40:30:30 | 5 | 17.9874 |
| 40:20:40 | 5 | 18.1584 |
| Sig. | | .286 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

7.4. Kadar Protein

7.4.1. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|---------------|---------------------------------|----|-------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Kadar_Protein | .082 | 75 | .200* | .975 | 75 | .135 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

7.4.2. Uji Homogenitas

Levene's Test of Equality of Error Variances^a

Dependent Variable: Kadar_Protein

| F | df1 | df2 | Sig. |
|-------|-----|-----|------|
| 1.194 | 14 | 60 | .304 |

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Kadar_Tepung + Kadar_Sirup + Kadar_Tepung * Kadar_Sirup

7.4.3. Uji Two Way ANOVA dan Duncan

Tests of Between-Subjects Effects

Dependent Variable: Kadar_Protein

| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
|-------------------------------|-------------------------|----|-------------|----------|------|
| Corrected Model | 17.298 ^a | 14 | 1.236 | 1.774 | .064 |
| Intercept | 5208.550 | 1 | 5208.550 | 7476.379 | .000 |
| Kadar_Tepung | 5.326 | 2 | 2.663 | 3.823 | .027 |
| Kadar_Sirup | 3.671 | 4 | .918 | 1.317 | .274 |
| Kadar_Tepung * Kadar_Sirup | 8.301 | 8 | 1.038 | 1.489 | .180 |
| Error | 41.800 | 60 | .697 | | |
| Total | 5267.648 | 75 | | | |
| Corrected Total | 59.098 | 74 | | | |

a. R Squared = .293 (Adjusted R Squared = .128)

Berdasarkan Tabel 43. di atas, dapat dilihat bahwa nilai signifikansi kadar tepung dan kadar sirup terhadap kadar protein adalah 0,180 ($P > 0,05$) yang menunjukkan tidak adanya perbedaan nyata.

Kadar_Protein

Duncan^{a,b}

| Kadar_Tepung | N | Subset | |
|-----------------|----|--------|--------|
| | | 1 | 2 |
| Tepung 40:20:40 | 25 | 8.0215 | |
| Tepung 40:30:30 | 25 | 8.3065 | 8.3065 |
| Tepung 40:40:20 | 25 | | 8.6726 |
| Sig. | | .232 | .126 |

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .697.

a. Uses Harmonic Mean Sample Size = 25.000.

b. Alpha = .05.

Kadar_Protein

Duncan^{a,b}

| Kadar_Sirup | N | Subset |
|-------------------|----|--------|
| | | 1 |
| Sirup yakon 70 mL | 15 | 7.9928 |
| Sirup yakon 60 mL | 15 | 8.1735 |
| Sirup yakon 40 mL | 15 | 8.3864 |
| Sirup yakon 80 mL | 15 | 8.5555 |
| Sirup yakon 50 mL | 15 | 8.5593 |
| Sig. | | .102 |

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .697.

a. Uses Harmonic Mean Sample Size = 15.000.

b. Alpha = .05.

7.4.4. Variasi Sirup Yakon

7.4.4.1. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|---------|---------------------------------|----|-------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Protein | .120 | 15 | .200* | .971 | 15 | .874 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

7.4.4.2. Uji Homogenitas

Test of Homogeneity of Variances

Protein

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 3.853 | 4 | 10 | .038 |

7.4.4.3. Uji *One Way* ANOVA dan Duncan

ANOVA

Protein

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|------|------|
| Between Groups | .735 | 4 | .184 | .674 | .625 |
| Within Groups | 2.725 | 10 | .273 | | |
| Total | 3.460 | 14 | | | |

Protein

Duncan^a

| Sirup_Yakon | N | Subset for alpha = 0.05 |
|-------------|---|----------------------------|
| | | 1 |
| 70 ml | 3 | 7.9930 |
| 60 ml | 3 | 8.1730 |
| 40 ml | 3 | 8.3863 |
| 80 ml | 3 | 8.5557 |
| 50 ml | 3 | 8.5593 |
| Sig. | | .249 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

7.4.5. Variasi Jenis Tepung

7.4.5.1. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|---------------|---------------------------------|----|-------------------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Kadar_Protein | .120 | 15 | .200 [*] | .971 | 15 | .874 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

7.4.5.2. Uji Homogenitas

Test of Homogeneity of Variances

Kadar_Protein

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| .666 | 2 | 12 | .532 |

7.4.5.3. Uji *One Way* ANOVA dan Duncan

ANOVA

Kadar_Protein

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 1.066 | 2 | .533 | 2.671 | .110 |
| Within Groups | 2.394 | 12 | .200 | | |
| Total | 3.460 | 14 | | | |

Kadar_Protein

Duncan^a

| Tepung | N | Subset for alpha = 0.05 | |
|----------|---|-------------------------|--------|
| | | 1 | 2 |
| 40:20:40 | 5 | 8.0214 | |
| 40:30:30 | 5 | 8.3064 | 8.3064 |
| 40:40:20 | 5 | | 8.6726 |
| Sig. | | .333 | .219 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

7.5. Kadar Karbohidrat

7.5.1. Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-------------------|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Kadar_Karbohidrat | .171 | 75 | .000 | .914 | 75 | .000 |

a. Lilliefors Significance Correction

7.5.2. Uji Homogenitas

Levene's Test of Equality of Error Variances^a

Dependent Variable: Kadar_Karbohidrat

| F | df1 | df2 | Sig. |
|-------|-----|-----|------|
| 1.840 | 14 | 60 | .053 |

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Kadar_Tepung + Kadar_Sirup + Kadar_Tepung * Kadar_Sirup

7.5.3. Uji *Two Way* ANOVA dan Duncan

Tests of Between-Subjects Effects

Dependent Variable: Kadar_Karbohidrat

| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
|-------------------------------|-------------------------|----|-------------|------------|------|
| Corrected Model | 3.774 ^a | 14 | .270 | 28.823 | .000 |
| Intercept | 4522.515 | 1 | 4522.515 | 483613.127 | .000 |
| Kadar_Tepung | .136 | 2 | .068 | 7.261 | .002 |
| Kadar_Sirup | .564 | 4 | .141 | 15.078 | .000 |
| Kadar_Tepung * Kadar_Sirup | 3.074 | 8 | .384 | 41.086 | .000 |
| Error | .561 | 60 | .009 | | |
| Total | 4526.849 | 75 | | | |
| Corrected Total | 4.335 | 74 | | | |

a. R Squared = .871 (Adjusted R Squared = .840)

Kadar_Karbohidrat

Duncan^{a,b}

| Kadar_Tepung | N | Subset | |
|-----------------|----|--------|--------|
| | | 1 | 2 |
| Tepung 40:30:30 | 25 | 7.7296 | |
| Tepung 40:20:40 | 25 | 7.7412 | |
| Tepung 40:40:20 | 25 | | 7.8251 |
| Sig. | | .672 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .009.

a. Uses Harmonic Mean Sample Size = 25.000.

b. Alpha = .05.

Kadar_Karbohidrat

Duncan^{a,b}

| Kadar_Sirup | N | Subset | | |
|-------------------|----|--------|--------|--------|
| | | 1 | 2 | 3 |
| Sirup yakon 40 mL | 15 | 7.6537 | | |
| Sirup yakon 70 mL | 15 | 7.7051 | | |
| Sirup yakon 50 mL | 15 | | 7.7766 | |
| Sirup yakon 60 mL | 15 | | 7.7805 | |
| Sirup yakon 80 mL | 15 | | | 7.9107 |
| Sig. | | .151 | .912 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .009.

a. Uses Harmonic Mean Sample Size = 15.000.

b. Alpha = .05.

7.5.4. Variasi Sirup Yakon

7.5.4.1.Uji Normalitas

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-------------|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Karbohidrat | .326 | 15 | .000 | .784 | 15 | .002 |

a. Lilliefors Significance Correction

7.5.4.2.Uji Homogenitas

Test of Homogeneity of Variances

Karbohidrat

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 2.746 | 4 | 10 | .089 |

7.5.4.3.Uji One Way ANOVA dan Duncan

ANOVA

Karbohidrat

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|------|------|
| Between Groups | .112 | 4 | .028 | .438 | .778 |
| Within Groups | .641 | 10 | .064 | | |
| Total | .754 | 14 | | | |