## 7. LAMPIRAN

### 7.1. Lampiran 1. *Worksheet* dan *Scoresheet* Pengujian Sensori

# *Worksheet* Uji Ranking Hedonik

Tanggal Uji : 24 Maret 2018
Jenis Sampel : Kulit Pie

| **Identifikasi Sampel** | **Kode** |
|---|---|
| Kulit Pie Kontrol Terigu | A |
| Kulit Pie Kontrol Mocaf | B |
| Kulit Pie Tepung Mocaf 80% | C |
| Kulit Pie Tepung Mocaf 60% | D |
| Kulit Pie Tepung Mocaf 40% | E |

**Kode Kombinasi Urutan Penyajian**

| | | | | |
|---|---|---|---|---|
| ABCDE = 1 | BACDE = 7 | CABDE = 13 | DABCE = 19 | EBCAD = 25 |
| ACBED = 2 | BADEC = 8 | CADEB = 14 | DAECB = 20 | EADBC = 26 |
| ABDEC = 3 | BCADE = 9 | CBAED = 15 | DBAEC = 21 | EACBD = 27 |
| ADEBC = 4 | BCEDA = 10 | CBDEA = 16 | DBCAE = 22 | ECDBA = 28 |
| ACDEB = 5 | BDECA = 11 | CDEAB = 17 | DCABE = 23 | ECABD = 29 |
| ADECB = 6 | BDACE = 12 | CDBAE = 18 | DECBA = 24 | EDCAB = 30 |

**Penyajian**

| *Booth* | Panelis | Kode Sampel urutan penyajian |
|---|---|---|
| I | 1 | 862 245 458 396 522[1] |
| II | 2 | 223 183 398 138 765[2] |
| III | 3 | 756 954 174 496 266[3] |
| IV | 4 | 544 459 984 537 721[4] |
| I | 5 | 681 614 547 869 829[5] |
| II | 6 | 199 933 375 941 113[6] |
| III | 7 | 489 653 538 216 446[7] |
| IV | 8 | 824 749 967 287 721[8] |
| I | 9 | 967 259 622 532 618[9] |
| II | 10 | 172 986 925 859 475[10] |
| III | 11 | 333 728 869 612 894[11] |
| IV | 12 | 218 191 116 464 132[12] |
| I | 13 | 226 742 421 286 522[13] |
| II | 14 | 352 859 311 659 878[14] |
| III | 15 | 137 593 964 288 574[15] |

| | | |
|---|---|---|
| IV | 16 | 674 636 897 167 861[16] |
| I | 17 | 851 669 394 591 214[17] |
| II | 18 | 789 438 167 638 565[18] |
| III | 19 | 811 975 637 235 761[19] |
| IV | 20 | 227 198 813 667 752[20] |
| I | 21 | 453 395 723 276 174[21] |
| II | 22 | 982 524 951 448 999[22] |
| III | 23 | 664 529 779 881 594[23] |
| IV | 24 | 748 942 312 469 661[24] |
| I | 25 | 847 712 585 663 351[25] |
| II | 26 | 295 478 797 368 949[26] |
| III | 27 | 452 946 874 293 919[27] |
| IV | 28 | 784 611 145 574 237[28] |
| I | 29 | 926 792 314 437 874[29] |
| II | 30 | 519 626 323 582 946[30] |

**Rekap Kode Sampel**

| | |
|---|---|
| Sampel A | 862 223 756 544 681 199<br>653 749 622 475 894 116<br>742 859 964 861 591 638<br>975 198 723 448 779 661<br>663 478 946 237 314 582 |
| Sampel B | 245 398 954 537 829 113<br>489 824 967 172 333 218<br>421 878 593 636 214 167<br>637 752 395 524 881 469<br>712 368 293 574 437 946 |
| Sampel C | 458 183 266 721 614 941<br>538 721 259 986 612 464<br>226 352 137 674 851 789<br>235 667 174 951 529 312<br>585 949 874 611 792 323 |
| Sampel D | 396 765 174 459 547 933<br>216 967 532 859 728 191<br>286 311 574 897 669 438<br>811 227 453 982 664 748<br>351 797 919 145 874 626 |

| | |
|---|---|
| Sampel E | 522 138 496 984 869 375<br>446 287 618 925 869 132<br>522 659 288 167 394 565<br>761 813 276 999 594 942<br>847 295 452 784 926 519 |

# *Worksheet* Uji Ranking Hedonik

Tanggal Uji : 24 Maret 2018
Jenis Sampel : Kulit Pie berisi *vla*

**Identifikasi Sampel** **Kode**

| | |
|---|---|
| Kulit Pie Kontrol Terigu + *vla* | A |
| Kulit Pie Kontrol Mocaf + *vla* | B |
| Kulit Pie Tepung Mocaf 80% + *vla* | C |
| Kulit Pie Tepung Mocaf 60% + *vla* | D |
| Kulit Pie Tepung Mocaf 40% + *vla* | E |

**Kode Kombinasi Urutan Penyajian**

| | | | | |
|---|---|---|---|---|
| EBCAD = 1 | DABCE = 7 | CDBAE = 13 | BACDE = 19 | ABCDE = 25 |
| EADBC = 2 | DAECB = 8 | CDEAB = 14 | BADEC = 20 | ACBED = 26 |
| EACBD = 3 | DBAEC = 9 | CBDEA = 15 | BCADE = 21 | ABDEC = 27 |
| ECDBA = 4 | DBCAE = 10 | CBAED = 16 | BCEDA = 22 | ADEBC = 28 |
| ECABD = 5 | DCABE = 11 | CADEB = 17 | BDECA = 23 | ACDEB = 29 |
| EDCAB = 6 | DECBA = 12 | CABDE = 18 | BDACE = 24 | ADECB = 30 |

**Penyajian**

| ***Booth*** | **Panelis** | **Kode Sampel** urutan penyajian |
|---|---|---|
| I | 1 | 847 712 585 663 351[1] |
| II | 2 | 295 478 797 368 949[2] |
| III | 3 | 452 946 874 293 919[3] |
| IV | 4 | 784 611 145 574 237[4] |
| I | 5 | 926 792 314 437 874[5] |
| II | 6 | 519 626 323 582 946[6] |
| III | 7 | 811 975 637 235 761[7] |
| IV | 8 | 227 198 813 667 752[8] |
| I | 9 | 453 395 723 276 174[9] |
| II | 10 | 982 524 951 448 999[10] |
| III | 11 | 664 529 779 881 594[11] |

| | | |
|---|---|---|
| IV | 12 | 748 942 312 469 661[12] |
| I | 13 | 789 438 167 638 565[13] |
| II | 14 | 851 669 394 591 214[14] |
| III | 15 | 674 636 897 167 861[15] |
| IV | 16 | 137 593 964 288 574[16] |
| I | 17 | 352 859 311 659 878[17] |
| II | 18 | 226 742 421 286 522[18] |
| III | 19 | 489 653 538 216 446[19] |
| IV | 20 | 824 749 967 287 721[20] |
| I | 21 | 967 259 622 532 618[21] |
| II | 22 | 172 986 925 859 475[22] |
| III | 23 | 333 728 869 612 894[23] |
| IV | 24 | 218 191 116 464 132[24] |
| I | 25 | 862 245 458 396 522[25] |
| II | 26 | 223 183 398 138 765[26] |
| III | 27 | 756 954 174 496 266[27] |
| IV | 28 | 544 459 984 537 721[28] |
| I | 29 | 681 614 547 869 829[29] |
| II | 30 | 199 933 375 941 113[30] |

**Rekap Kode Sampel**

| | |
|---|---|
| Sampel A | 663 478 946 237 314 582<br>975 198 723 448 779 661<br>638 591 861 964 859 742<br>653 749 622 475 894 116<br>862 223 756 544 681 199 |
| Sampel B | 712 368 293 574 437 946<br>637 752 395 524 881 469<br>167 214 636 593 878 421<br>489 824 967 172 333 218<br>245 398 954 537 829 113 |
| Sampel C | 585 949 874 611 792 323<br>235 667 174 951 529 312<br>789 851 674 137 352 226<br>538 721 259 986 612 464<br>458 183 266 721 614 941 |

| | |
|---|---|
| Sampel D | 351 797 919 145 874 626<br>811 227 453 982 664 748<br>438 669 897 574 311 286<br>216 967 532 859 728 191<br>396 765 174 459 547 933 |
| Sampel E | 847 295 452 784 926 519<br>761 813 276 999 594 942<br>565 394 167 288 659 522<br>446 287 618 925 869 132<br>522 138 496 984 869 375 |

## UJI RANKING HEDONIK

Nama : Tanggal :
Produk : Kulit Pie
Atribut : Warna

Instruksi :
Berkumur-kumurlah dahulu sebelum menguji sampel.
Di hadapan Anda terdapat 5 sampel kulit pie. Cicipi sampel tersebut secara berurutan dari kiri ke kanan, rasakan masing-masing sampel. Setelah mencicipi semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling Anda sukai (ranking = 5) hingga sampel yang paling tidak Anda sukai (ranking = 1).

| **Kode Sampel** | **Ranking (jangan ada yang dobel)** |
|---|---|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

**Terima Kasih ☺**

## UJI RANKING HEDONIK

Nama : Tanggal :
Produk : Kulit Pie
Atribut : Aroma

Instruksi :
Berkumur-kumurlah dahulu sebelum menguji sampel.
Di hadapan Anda terdapat 5 sampel kulit pie. Cicipi sampel tersebut secara berurutan dari kiri ke kanan, rasakan masing-masing sampel. Setelah mencicipi semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling Anda sukai (ranking = 5) hingga sampel yang paling tidak Anda sukai (ranking = 1).

| **Kode Sampel** | **Ranking (jangan ada yang dobel)** |
|---|---|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

**Terima Kasih ☺**

## UJI RANKING HEDONIK

Nama : Tanggal :
Produk : Kulit Pie
Atribut : Tekstur

Instruksi :
Berkumur-kumurlah dahulu sebelum menguji sampel.
Di hadapan Anda terdapat 5 sampel kulit pie. Cicipi sampel tersebut secara berurutan dari kiri ke kanan, rasakan masing-masing sampel. Setelah mencicipi semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling Anda sukai (ranking = 5) hingga sampel yang paling tidak Anda sukai (ranking = 1).

| **Kode Sampel** | **Ranking (jangan ada yang dobel)** |
|---|---|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

**Terima Kasih ☺**

## UJI RANKING HEDONIK

Nama : Tanggal :
Produk : Kulit Pie
Atribut : Rasa

Instruksi :
Berkumur-kumurlah dahulu sebelum menguji sampel.
Di hadapan Anda terdapat 5 sampel kulit pie. Cicipi sampel tersebut secara berurutan dari kiri ke kanan, rasakan masing-masing sampel. Setelah mencicipi semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling Anda sukai (ranking = 5) hingga sampel yang paling tidak Anda sukai (ranking = 1).

| **Kode Sampel** | **Ranking (jangan ada yang dobel)** |
|---|---|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

**Terima Kasih ☺**

## UJI RANKING HEDONIK

Nama : Tanggal :
Produk : Kulit Pie + *Vla*
Atribut : Rasa

Instruksi :
Berkumur-kumurlah dahulu sebelum menguji sampel.
Di hadapan Anda terdapat 5 sampel kulit pie. Cicipi sampel tersebut secara berurutan dari kiri ke kanan, rasakan masing-masing sampel. Setelah mencicipi semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling Anda sukai (ranking = 5) hingga sampel yang paling tidak Anda sukai (ranking = 1).

| **Kode Sampel** | **Ranking (jangan ada yang dobel)** |
|---|---|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

**Terima Kasih ☺**

## 7.2. Hasil Pengolahan SPSS

### 7.2.1. Uji Normalitas Data

**Tests of Normality**

| | Perlakuan | Kolmogorov-Smirnov[a] | | | Shapiro-Wilk | | |
|---|---|---|---|---|---|---|---|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| KA | 1 | .283 | 6 | .143 | .921 | 6 | .514 |
| | 2 | .285 | 6 | .138 | .831 | 6 | .110 |
| | 3 | .214 | 6 | .200* | .958 | 6 | .804 |
| | 4 | .214 | 6 | .200* | .958 | 6 | .804 |
| | 5 | .204 | 6 | .200* | .918 | 6 | .493 |
| L | 1 | .253 | 6 | .200* | .867 | 6 | .213 |
| | 2 | .193 | 6 | .200* | .924 | 6 | .533 |
| | 3 | .290 | 6 | .126 | .826 | 6 | .099 |
| | 4 | .290 | 6 | .126 | .848 | 6 | .150 |
| | 5 | .232 | 6 | .200* | .856 | 6 | .177 |
| a | 1 | .185 | 6 | .200* | .938 | 6 | .646 |
| | 2 | .209 | 6 | .200* | .907 | 6 | .415 |
| | 3 | .164 | 6 | .200* | .957 | 6 | .793 |
| | 4 | .227 | 6 | .200* | .881 | 6 | .275 |
| | 5 | .192 | 6 | .200* | .963 | 6 | .839 |
| b | 1 | .248 | 6 | .200* | .948 | 6 | .723 |
| | 2 | .168 | 6 | .200* | .915 | 6 | .471 |
| | 3 | .257 | 6 | .200* | .846 | 6 | .147 |
| | 4 | .244 | 6 | .200* | .951 | 6 | .747 |
| | 5 | .214 | 6 | .200* | .956 | 6 | .786 |
| Hardness | 1 | .224 | 6 | .200* | .881 | 6 | .273 |
| | 2 | .149 | 6 | .200* | .978 | 6 | .940 |
| | 3 | .233 | 6 | .200* | .890 | 6 | .318 |
| | 4 | .237 | 6 | .200* | .917 | 6 | .487 |
| | 5 | .242 | 6 | .200* | .848 | 6 | .152 |

a. Lilliefors Significance Correction

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

### 7.2.2. Uji Beda dengan One Way ANOVA

**Test of Homogeneity of Variances**

| | Levene Statistic | df1 | df2 | Sig. |
|---|---|---|---|---|
| KAori | .826 | 4 | 25 | .521 |
| KAvla | .414 | 4 | 25 | .797 |
| L | 3.127 | 4 | 25 | .032 |
| a | 1.661 | 4 | 25 | .190 |
| b | 2.442 | 4 | 25 | .073 |
| Hardness | 2.313 | 4 | 25 | .085 |

**ANOVA**

| | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|
| KAori | Between Groups | 9.205 | 4 | 2.301 | 96.149 | .000 |
| | Within Groups | .598 | 25 | .024 | | |
| | Total | 9.803 | 29 | | | |
| KAvla | Between Groups | 48.587 | 4 | 12.147 | 175.528 | .000 |
| | Within Groups | 1.730 | 25 | .069 | | |
| | Total | 50.317 | 29 | | | |
| L | Between Groups | 142.430 | 4 | 35.608 | 73.180 | .000 |
| | Within Groups | 12.164 | 25 | .487 | | |
| | Total | 154.595 | 29 | | | |
| a | Between Groups | 8.110 | 4 | 2.028 | 207.103 | .000 |
| | Within Groups | .245 | 25 | .010 | | |
| | Total | 8.355 | 29 | | | |
| b | Between Groups | 130.064 | 4 | 32.516 | 249.609 | .000 |
| | Within Groups | 3.257 | 25 | .130 | | |
| | Total | 133.321 | 29 | | | |
| Hardness | Between Groups | 348055.183 | 4 | 87013.796 | 200.900 | .000 |
| | Within Groups | 10828.008 | 25 | 433.120 | | |
| | Total | 358883.191 | 29 | | | |

**KA**

Duncan

| perlakuan | N | Subset for alpha = 0.05 | | | |
|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 |
| 2 | 6 | 1.9000 | | | |
| 3 | 6 | 1.9833 | 1.9833 | | |
| 4 | 6 | | 2.1167 | | |
| 5 | 6 | | | 2.4333 | |
| 1 | 6 | | | | 3.4167 |
| Sig. | | .360 | .148 | 1.000 | 1.000 |

Means for groups in homogeneous subsets are displayed.

**L**

Duncan

| perlakuan | N | Subset for alpha = 0.05 | | |
|---|---|---|---|---|
| | | 1 | 2 | 3 |
| 1 | 6 | 74.7567 | | |
| 5 | 6 | | 79.1583 | |
| 4 | 6 | | 79.2517 | |
| 3 | 6 | | 79.8250 | |
| 2 | 6 | | | 81.2533 |
| Sig. | | 1.000 | .129 | 1.000 |

Means for groups in homogeneous subsets are displayed.

**a**

Duncan

| perlakuan | N | Subset for alpha = 0.05 | | |
|---|---|---|---|---|
| | | 1 | 2 | 3 |
| 2 | 6 | 1.1333 | | |
| 3 | 6 | | 1.5700 | |
| 4 | 6 | | 1.6700 | |
| 5 | 6 | | 1.6817 | |
| 1 | 6 | | | 2.7133 |
| Sig. | | 1.000 | .075 | 1.000 |

**b**

Duncan

| perlakuan | N | Subset for alpha = 0.05 | | | |
|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 |
| 2 | 6 | 26.6450 | | | |
| 3 | 6 | | 29.5667 | | |
| 4 | 6 | | | 31.1733 | |
| 5 | 6 | | | | 31.9683 |
| 1 | 6 | | | | 32.3600 |
| Sig. | | 1.000 | 1.000 | 1.000 | .072 |

**Hardness**

Duncan

| perlakuan | N | Subset for alpha = 0.05 | | | |
|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 |
| 2 | 6 | 3.6120E2 | | | |
| 3 | 6 | 3.7428E2 | | | |
| 4 | 6 | | 4.5342E2 | | |
| 5 | 6 | | | 5.5138E2 | |
| 1 | 6 | | | | 6.4421E2 |
| Sig. | | .286 | 1.000 | 1.000 | 1.000 |

Means for groups in homogeneous subsets are displayed.

### 7.2.3. Uji Beda Sensori dengan One Way ANOVA

**Warna**

Duncan

| Sampel | N | Subset for alpha = 0.05 |
|---|---|---|
| | | 1 |
| 2 | 30 | 2.7000 |
| 3 | 30 | 2.9000 |
| 5 | 30 | 2.9667 |
| 4 | 30 | 3.2000 |
| 1 | 30 | 3.2333 |
| Sig. | | .203 |

Means for groups in homogeneous subsets are displayed.

**Aroma**

Duncan

| Sampel | N | Subset for alpha = 0.05 | |
|---|---|---|---|
| | | 1 | 2 |
| 3 | 30 | 2.6000 | |
| 2 | 30 | 2.6667 | |
| 5 | 30 | 2.8667 | |
| 4 | 30 | 2.9333 | |
| 1 | 30 | | 3.9333 |
| Sig. | | .392 | 1.000 |

Means for groups in homogeneous subsets are displayed.

**Tekstur**

Duncan

| Sampel | N | Subset for alpha = 0.05 | |
|---|---|---|---|
| | | 1 | 2 |
| 2 | 30 | 2.5000 | |
| 3 | 30 | 2.5000 | |
| 5 | 30 | 3.2000 | 3.2000 |
| 4 | 30 | | 3.3333 |
| 1 | 30 | | 3.5000 |
| Sig. | | .062 | .429 |

Means for groups in homogeneous subsets are displayed.

**Rasa**

Duncan

| Sampel | N | Subset for alpha = 0.05 | | |
|---|---|---|---|---|
| | | 1 | 2 | 3 |
| 2 | 30 | 2.3000 | | |
| 3 | 30 | 2.6667 | 2.6667 | |
| 5 | 30 | | 3.2000 | 3.2000 |
| 4 | 30 | | 3.3333 | 3.3333 |
| 1 | 30 | | | 3.5000 |
| Sig. | | .300 | .075 | .427 |

Means for groups in homogeneous subsets are displayed.

**Vla**

Duncan

| Sampel | N | Subset for alpha = 0.05 | |
|---|---|---|---|
| | | 1 | 2 |
| 2 | 30 | 2.6667 | |
| 3 | 30 | 2.9000 | 2.9000 |
| 4 | 30 | 2.9000 | 2.9000 |
| 5 | 30 | 3.0000 | 3.0000 |
| 1 | 30 | | 3.5333 |
| Sig. | | .411 | .115 |

Means for groups in homogeneous subsets are displayed.

### 7.2.4. Uji Sensori dengan Kruskal Wallis

**Descriptive Statistics**

| | N | Mean | Std. Deviation | Minimum | Maximum |
|---|---|---|---|---|---|
| Warna | 150 | 3.0000 | 1.41895 | 1.00 | 5.00 |
| Aroma | 150 | 3.0000 | 1.41895 | 1.00 | 5.00 |
| Tekstur | 150 | 3.0067 | 1.41657 | 1.00 | 5.00 |
| Rasa | 150 | 3.0000 | 1.41895 | 1.00 | 5.00 |
| Vla | 150 | 3.0000 | 1.41895 | 1.00 | 5.00 |
| Sampel | 150 | 3.0000 | 1.41895 | 1.00 | 5.00 |

**Test Statistics[a,b]**

| | Warna | Aroma | Tekstur | Rasa | Vla |
|---|---|---|---|---|---|
| Chi-Square | 2.914 | 17.350 | 13.488 | 14.933 | 6.192 |
| df | 4 | 4 | 4 | 4 | 4 |
| Asymp. Sig. | .572 | .002 | .009 | .005 | .185 |

a. Kruskal Wallis Test

b. Grouping Variable: Sampel

### 7.2.5. Uji *Mann Whitney U* pada Masing-Masing Parameter

I. Sampel 1 dan 2

**Test Statistics[a]**

| | Aroma | Tekstur | Rasa |
|---|---|---|---|
| Mann-Whitney U | 230.500 | 283.000 | 260.500 |
| Wilcoxon W | 695.500 | 748.000 | 725.500 |
| Z | -3.332 | -2.532 | -2.876 |
| Asymp. Sig. (2-tailed) | .001 | .011 | .004 |

a. Grouping Variable: Sampel

II. Sampel 1 dan 3

**Test Statistics[a]**

| | Aroma | Tekstur | Rasa |
|---|---|---|---|
| Mann-Whitney U | 210.500 | 292.500 | 289.500 |
| Wilcoxon W | 675.500 | 757.500 | 754.500 |
| Z | -3.627 | -2.389 | -2.425 |
| Asymp. Sig. (2-tailed) | .000 | .017 | .015 |

a. Grouping Variable: Sampel

III. Sampel 1 dan 4

**Test Statistics[a]**

| | Aroma | Tekstur | Rasa |
|---|---|---|---|
| Mann-Whitney U | 259.000 | 396.000 | 413.000 |
| Wilcoxon W | 724.000 | 861.000 | 878.000 |
| Z | -2.907 | -.822 | -.562 |
| Asymp. Sig. (2-tailed) | .004 | .411 | .574 |

a. Grouping Variable: Sampel

IV. Sampel 1 dan 5

**Test Statistics[a]**

| | Aroma | Tekstur | Rasa |
|---|---|---|---|
| Mann-Whitney U | 260.000 | 382.000 | 387.000 |
| Wilcoxon W | 725.000 | 847.000 | 852.000 |
| Z | -2.891 | -1.033 | -.955 |
| Asymp. Sig. (2-tailed) | .004 | .302 | .340 |

a. Grouping Variable: Sampel

V. Sampel 2 dan 3

**Test Statistics[a]**

| | Aroma | Tekstur | Rasa |
|---|---|---|---|
| Mann-Whitney U | 441.000 | 447.500 | 356.500 |
| Wilcoxon W | 906.000 | 912.500 | 821.500 |
| Z | -.137 | -.038 | -1.426 |
| Asymp. Sig. (2-tailed) | .891 | .970 | .154 |

a. Grouping Variable: Sampel

VI. Sampel 2 dan 4

**Test Statistics[a]**

| | Aroma | Tekstur | Rasa |
|---|---|---|---|
| Mann-Whitney U | 397.000 | 298.000 | 272.000 |
| Wilcoxon W | 862.000 | 763.000 | 737.000 |
| Z | -.802 | -2.304 | -2.694 |
| Asymp. Sig. (2-tailed) | .423 | .021 | .007 |

a. Grouping Variable: Sampel

VII. Sampel 2 dan 5

**Test Statistics[a]**

| | Aroma | Tekstur | Rasa |
|---|---|---|---|
| Mann-Whitney U | 413.500 | 316.000 | 281.000 |
| Wilcoxon W | 878.500 | 781.000 | 746.000 |
| Z | -.552 | -2.027 | -2.558 |
| Asymp. Sig. (2-tailed) | .581 | .043 | .011 |

a. Grouping Variable: Sampel

VIII. Sampel 3 dan 4

**Test Statistics[a]**

| | Aroma | Tekstur | Rasa |
|---|---|---|---|
| Mann-Whitney U | 386.000 | 290.000 | 320.000 |
| Wilcoxon W | 851.000 | 755.000 | 785.000 |
| Z | -.969 | -2.417 | -1.966 |
| Asymp. Sig. (2-tailed) | .333 | .016 | .049 |

a. Grouping Variable: Sampel

IX. Sampel 3 dan 5

**Test Statistics[a]**

| | Aroma | Tekstur | Rasa |
|---|---|---|---|
| Mann-Whitney U | 402.500 | 307.000 | 347.000 |
| Wilcoxon W | 867.500 | 772.000 | 812.000 |
| Z | -.719 | -2.169 | -1.562 |
| Asymp. Sig. (2-tailed) | .472 | .030 | .118 |

a. Grouping Variable: Sampel

X. Sampel 4 dan 5

**Test Statistics[a]**

| | Aroma | Tekstur | Rasa |
|---|---|---|---|
| Mann-Whitney U | 436.000 | 413.000 | 421.000 |
| Wilcoxon W | 901.000 | 878.000 | 886.000 |
| Z | -.212 | -.562 | -.439 |
| Asymp. Sig. (2-tailed) | .832 | .574 | .660 |

a. Grouping Variable: Sampel

### 7.2.6. Uji *Paired T Test*

**Paired Samples Test**

| | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 95% Confidence Interval of the Difference | | | | |
| | | Mean | Std. Deviation | Std. Error Mean | Lower | Upper | | | |
| Pair 1 | KT - KTV | -.03333 | 1.79046 | .32689 | -.70190 | .63524 | -.102 | 29 | .919 |

**Paired Samples Test**

| | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 95% Confidence Interval of the Difference | | | | |
| | | Mean | Std. Deviation | Std. Error Mean | Lower | Upper | | | |
| Pair 1 | KM - KMV | -.36667 | 1.86591 | .34067 | -1.06341 | .33007 | -1.076 | 29 | .291 |

**Paired Samples Test**

| | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|---|---|---|---|---|---|---|---|---|---|
| | | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | | | |
| | | | | | Lower | Upper | | | |
| Pair 1 | M80 - M80V | -.23333 | 1.59056 | .29040 | -.82726 | .36059 | -.804 | 29 | .428 |

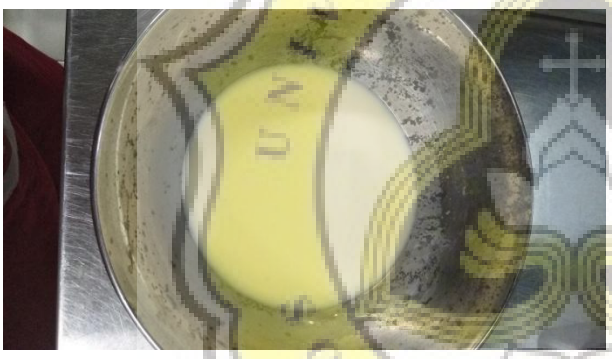
**Paired Samples Test**

| | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|---|---|---|---|---|---|---|---|---|---|
| | | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | | | |
| | | | | | Lower | Upper | | | |
| Pair 1 | M60 - M60V | .43333 | 2.01175 | .36729 | -.31787 | 1.18453 | 1.180 | 29 | .248 |

**Paired Samples Test**

| | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|---|---|---|---|---|---|---|---|---|---|
| | | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | | | |
| | | | | | Lower | Upper | | | |
| Pair 1 | M40 - M40V | .20000 | 1.73006 | .31586 | -.44601 | .84601 | .633 | 29 | .532 |

## 7.3. Foto



Gambar 7. Adonan Vla

Gambar 8. Panelis 1

Gambar 9. Panelis 2

Gambar 10. Panelis 3

Gambar 11. Panelis 4

Gambar 12. Panelis 5

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