**Lampiran 7. Hasil Uji Organoleptik (Hedonik) Penelitian Utama**

**Hasil Pengamatan Uji Hedonik Terhadap Warna Buah Potong Pepaya Hari ke-6 (Ulangan 1)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 6 | 6 | 1 | 5 | 6 | 1 | 25 | 4,17 |
| 2 | 5 | 5 | 1 | 5 | 6 | 1 | 23 | 3,83 |
| 3 | 5 | 5 | 1 | 6 | 5 | 1 | 23 | 3,83 |
| 4 | 4 | 5 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 5 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 6 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 7 | 5 | 4 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 8 | 3 | 4 | 1 | 5 | 4 | 1 | 18 | 3,00 |
| 9 | 4 | 5 | 1 | 5 | 6 | 1 | 22 | 3,67 |
| 10 | 5 | 3 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 11 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 12 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 13 | 4 | 6 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 14 | 3 | 6 | 1 | 5 | 4 | 1 | 20 | 3,33 |
| 15 | 5 | 5 | 1 | 4 | 4 | 1 | 20 | 3,33 |
| 16 | 4 | 5 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 17 | 6 | 6 | 1 | 5 | 5 | 1 | 24 | 4,00 |
| 18 | 5 | 4 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 19 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 20 | 5 | 4 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| Jumlah | 92 | 96 | 20 | 98 | 98 | 20 |  |  |
| Rata-Rata | 4,6 | 4,8 | 1 | 4,9 | 4,9 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,55 | 2,55 | 1,22 | 2,35 | 2,55 | 1,22 | 12,44 | 2,07 |
| 2 | 2,35 | 2,35 | 1,22 | 2,35 | 2,55 | 1,22 | 12,03 | 2,01 |
| 3 | 2,35 | 2,35 | 1,22 | 2,55 | 2,35 | 1,22 | 12,03 | 2,01 |
| 4 | 2,12 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 5 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 6 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 7 | 2,35 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 8 | 1,87 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 10,91 | 1,82 |
| 9 | 2,12 | 2,35 | 1,22 | 2,35 | 2,55 | 1,22 | 11,81 | 1,97 |
| 10 | 2,35 | 1,87 | 1,22 | 2,12 | 2,12 | 1,22 | 10,91 | 1,82 |
| 11 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 12 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 13 | 2,12 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 11,81 | 1,97 |
| 14 | 1,87 | 2,55 | 1,22 | 2,35 | 2,12 | 1,22 | 11,34 | 1,89 |
| 15 | 2,35 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,38 | 1,90 |
| 16 | 2,12 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 17 | 2,55 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 12,24 | 2,04 |
| 18 | 2,35 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 19 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 20 | 2,35 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| Jumlah | 45,02 | 45,90 | 24,49 | 46,44 | 46,40 | 24,49 |  |  |
| Rata-Rata | 2,25 | 2,30 | 1,22 | 2,32 | 2,32 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Warna Buah Potong Pepaya Hari ke-6 (Ulangan 2)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 3 | 6 | 1 | 6 | 6 | 1 | 23 | 3,83 |
| 2 | 4 | 5 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 3 | 3 | 5 | 1 | 6 | 6 | 1 | 22 | 3,67 |
| 4 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 5 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 6 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 7 | 4 | 5 | 1 | 4 | 5 | 1 | 20 | 3,33 |
| 8 | 6 | 6 | 1 | 6 | 6 | 1 | 26 | 4,33 |
| 9 | 5 | 7 | 1 | 7 | 7 | 1 | 28 | 4,67 |
| 10 | 5 | 3 | 1 | 6 | 6 | 1 | 22 | 3,67 |
| 11 | 5 | 5 | 1 | 6 | 5 | 1 | 23 | 3,83 |
| 12 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 13 | 6 | 3 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 14 | 5 | 5 | 1 | 3 | 4 | 1 | 19 | 3,17 |
| 15 | 6 | 6 | 1 | 6 | 6 | 1 | 26 | 4,33 |
| 16 | 5 | 5 | 1 | 4 | 4 | 1 | 20 | 3,33 |
| 17 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 18 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 19 | 3 | 5 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 20 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| Jumlah | 92 | 98 | 20 | 104 | 105 | 20 |  |  |
| Rata-Rata | 4,6 | 4,9 | 1 | 5,2 | 5,25 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 1,87 | 2,55 | 1,22 | 2,55 | 2,55 | 1,22 | 11,97 | 1,99 |
| 2 | 2,12 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 3 | 1,87 | 2,35 | 1,22 | 2,55 | 2,55 | 1,22 | 11,76 | 1,96 |
| 4 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 5 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 6 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 7 | 2,12 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,38 | 1,90 |
| 8 | 2,55 | 2,55 | 1,22 | 2,55 | 2,55 | 1,22 | 12,65 | 2,11 |
| 9 | 2,35 | 2,74 | 1,22 | 2,74 | 2,74 | 1,22 | 13,01 | 2,17 |
| 10 | 2,35 | 1,87 | 1,22 | 2,55 | 2,55 | 1,22 | 11,76 | 1,96 |
| 11 | 2,35 | 2,35 | 1,22 | 2,55 | 2,35 | 1,22 | 12,03 | 2,01 |
| 12 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 13 | 2,55 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 11,56 | 1,93 |
| 14 | 2,35 | 2,35 | 1,22 | 1,87 | 2,12 | 1,22 | 11,13 | 1,86 |
| 15 | 2,55 | 2,55 | 1,22 | 2,55 | 2,55 | 1,22 | 12,65 | 2,11 |
| 16 | 2,35 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,38 | 1,90 |
| 17 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 18 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 19 | 1,87 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 20 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| Jumlah | 44,97 | 46,29 | 24,49 | 47,60 | 47,87 | 24,49 |  |  |
| Rata-Rata | 2,25 | 2,31 | 1,22 | 2,38 | 2,39 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Warna Buah Potong Pepaya Hari ke-6 (Ulangan 3)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 4 | 6 | 1 | 7 | 6 | 1 | 25 | 4,17 |
| 2 | 3 | 6 | 1 | 4 | 6 | 1 | 21 | 3,50 |
| 3 | 5 | 4 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 4 | 3 | 5 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 5 | 5 | 3 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 6 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 7 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 8 | 6 | 6 | 1 | 5 | 5 | 1 | 24 | 4,00 |
| 9 | 5 | 5 | 1 | 6 | 6 | 1 | 24 | 4,00 |
| 10 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 11 | 5 | 4 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 12 | 5 | 5 | 1 | 4 | 3 | 1 | 19 | 3,17 |
| 13 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 14 | 5 | 6 | 1 | 6 | 5 | 1 | 24 | 4,00 |
| 15 | 5 | 5 | 1 | 4 | 5 | 1 | 21 | 3,50 |
| 16 | 5 | 3 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 17 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 18 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 19 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 20 | 4 | 3 | 1 | 4 | 5 | 1 | 18 | 3,00 |
| Jumlah | 92 | 93 | 20 | 98 | 97 | 20 |  |  |
| Rata-Rata | 4,6 | 4,65 | 1 | 4,9 | 4,85 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,12 | 2,55 | 1,22 | 2,74 | 2,55 | 1,22 | 12,41 | 2,07 |
| 2 | 1,87 | 2,55 | 1,22 | 2,12 | 2,55 | 1,22 | 11,54 | 1,92 |
| 3 | 2,35 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 4 | 1,87 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 5 | 2,35 | 1,87 | 1,22 | 2,35 | 2,12 | 1,22 | 11,13 | 1,86 |
| 6 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 7 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 8 | 2,55 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 12,24 | 2,04 |
| 9 | 2,35 | 2,35 | 1,22 | 2,55 | 2,55 | 1,22 | 12,24 | 2,04 |
| 10 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 11 | 2,35 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 12 | 2,35 | 2,35 | 1,22 | 2,12 | 1,87 | 1,22 | 11,13 | 1,86 |
| 13 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 14 | 2,35 | 2,55 | 1,22 | 2,55 | 2,35 | 1,22 | 12,24 | 2,04 |
| 15 | 2,35 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,61 | 1,93 |
| 16 | 2,35 | 1,87 | 1,22 | 2,35 | 2,12 | 1,22 | 11,13 | 1,86 |
| 17 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 18 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 19 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 20 | 2,12 | 1,87 | 1,22 | 2,12 | 2,35 | 1,22 | 10,91 | 1,82 |
| Jumlah | 45,04 | 45,18 | 24,49 | 46,36 | 46,15 | 24,49 |  |  |
| Rata-Rata | 2,25 | 2,26 | 1,22 | 2,32 | 2,31 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Warna Buah Potong Pepaya Hari ke-6 (Ulangan 4)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 5 | 3 | 1 | 6 | 4 | 1 | 20 | 3,33 |
| 2 | 6 | 4 | 1 | 6 | 4 | 1 | 22 | 3,67 |
| 3 | 5 | 3 | 1 | 5 | 6 | 1 | 21 | 3,50 |
| 4 | 4 | 5 | 1 | 4 | 5 | 1 | 20 | 3,33 |
| 5 | 5 | 5 | 1 | 4 | 6 | 1 | 22 | 3,67 |
| 6 | 3 | 4 | 1 | 6 | 6 | 1 | 21 | 3,50 |
| 7 | 5 | 5 | 1 | 4 | 4 | 1 | 20 | 3,33 |
| 8 | 3 | 5 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 9 | 3 | 6 | 1 | 6 | 6 | 1 | 23 | 3,83 |
| 10 | 5 | 3 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 11 | 5 | 3 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 12 | 3 | 4 | 1 | 6 | 4 | 1 | 19 | 3,17 |
| 13 | 6 | 6 | 1 | 6 | 6 | 1 | 26 | 4,33 |
| 14 | 3 | 5 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 15 | 3 | 6 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 16 | 5 | 5 | 1 | 4 | 4 | 1 | 20 | 3,33 |
| 17 | 5 | 5 | 1 | 4 | 3 | 1 | 19 | 3,17 |
| 18 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 19 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 20 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| Jumlah | 86 | 89 | 20 | 101 | 97 | 20 |  |  |
| Rata-Rata | 4,3 | 4,45 | 1 | 5,05 | 4,85 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,35 | 1,87 | 1,22 | 2,55 | 2,12 | 1,22 | 11,34 | 1,89 |
| 2 | 2,55 | 2,12 | 1,22 | 2,55 | 2,12 | 1,22 | 11,79 | 1,97 |
| 3 | 2,35 | 1,87 | 1,22 | 2,35 | 2,55 | 1,22 | 11,56 | 1,93 |
| 4 | 2,12 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,38 | 1,90 |
| 5 | 2,35 | 2,35 | 1,22 | 2,12 | 2,55 | 1,22 | 11,81 | 1,97 |
| 6 | 1,87 | 2,12 | 1,22 | 2,55 | 2,55 | 1,22 | 11,54 | 1,92 |
| 7 | 2,35 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,38 | 1,90 |
| 8 | 1,87 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 9 | 1,87 | 2,55 | 1,22 | 2,55 | 2,55 | 1,22 | 11,97 | 1,99 |
| 10 | 2,35 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 11 | 2,35 | 1,87 | 1,22 | 2,35 | 2,12 | 1,22 | 11,13 | 1,86 |
| 12 | 1,87 | 2,12 | 1,22 | 2,55 | 2,12 | 1,22 | 11,11 | 1,85 |
| 13 | 2,55 | 2,55 | 1,22 | 2,55 | 2,55 | 1,22 | 12,65 | 2,11 |
| 14 | 1,87 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 15 | 1,87 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 11,56 | 1,93 |
| 16 | 2,35 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,38 | 1,90 |
| 17 | 2,35 | 2,35 | 1,22 | 2,12 | 1,87 | 1,22 | 11,13 | 1,86 |
| 18 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 19 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 20 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| Jumlah | 43,57 | 44,28 | 24,49 | 47,01 | 46,11 | 24,49 |  |  |
| Rata-Rata | 2,18 | 2,21 | 1,22 | 2,35 | 2,31 | 1,22 |  |  |

Tabel 30. Data Hasil Pengamatan Uji Hedonik Terhadap Warna Buah Potong Pepaya Hari ke-6

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Jumlah Pelapisan (A) | Suhu Penyimpanan (B) | Ulangan | | | | Total Perlakuan | Rata-rata |
| 1 | 2 | 3 | 4 |
| a1 | b1 | 2,25 | 2,25 | 2,25 | 2,18 | 8,93 | 2,23 |
| b2 | 2,30 | 2,31 | 2,26 | 2,21 | 9,08 | 2,27 |
| b3 | 1,22 | 1,22 | 1,22 | 1,22 | 4,90 | 1,22 |
| a2 | b1 | 2,32 | 2,38 | 2,32 | 2,35 | 9,37 | 2,34 |
| b2 | 2,32 | 2,39 | 2,31 | 2,31 | 9,33 | 2,33 |
| b3 | 1,22 | 1,22 | 1,22 | 1,22 | 4,90 | 1,22 |
| TOTAL | | 11,64 | 11,79 | 11,59 | 11,50 | 46,51 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Faktor | B | | | Total | Rata-rata |
| A | b1 | b2 | b3 |
| a1 | 8,93 | 9,08 | 4,90 | 22,91 | 7,64 |
| a2 | 9,37 | 9,33 | 4,90 | 23,60 | 7,87 |
| Total | 18,30 | 18,41 | 9,80 | 46,51 |  |
| Rata-rata | 9,15 | 9,20 | 4,90 |  |  |

Faktor Koreksi (FK)

JK Total (JKT) = (n1)2 + (n2)2 + (n3)2 + .... + (nn)2 – FK

= (2,25)2 + (2,30)2 + (1,22)2 + .... + (1,22)2 – 90,12

= 6,15

JK Kelompok (JKK) =

=

= 0,007

JK Perlakuan (JKP)

=

= 6,134

JKA

=

= 0,019

JKB

=

= 6,102

JKAB = JKP – JKA – JKB

= 6,134 – 0,019 – 6,102

= 0,012

JK Galat (JKG) = JKT – JKP - JKK

= 6,15 – 6,134 – 0,007

= 0,010

KT(A) =

KT(B) =

KT(AB) =

Fhitung (A) =

Fhitung (B) =

Fhitung (AB) =

Tabel 31.Analisis Variansi (ANAVA) Terhadap Warna Buah Potong Pepaya hari ke-6

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sumber Keragaman | db | JK | KT | F hitung | F Tabel 5% |
|
| Kelompok | 3 | 0,007 |  |  |  |
| Perlakuan | 5 | 6,134 |  |  |  |
| Faktor A | 1 | 0,019 | 0,019 | 28,60 \* | 4,54 |
| Faktor B | 2 | 6,102 | 3,0511 | 4476,61 \* | 3,68 |
| Interaksi A x B | 2 | 0,012 | 0,0061 | 8,92 tn | 3,68 |
| Galat | 15 | 0,010 | 0,0007 |  |  |
| Total | 23 | 6,151 |  |  |  |

Keterangan : (\*) berbeda nyata

(tn) tidak berbeda nyata

Kesimpulan : Berdasarkan tabel ANAVA diketahui bahwa F hitung > F tabel 5% terhadap faktor A dan faktor B. Hal ini berarti jumlah pelapisan dan suhu penyimpanan berbeda nyata terhadap warna buah potong pepaya sehingga perlu dilakukan uji lanjut Duncan.

Sy = = 0,008

Tabel 32. Uji Lanjut Duncan Faktor A

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| SSR | LSR | Rata-rata Perlakuan |  | Perlakuan | | Taraf 5% |
| 5% | 5% | kode | rata-rata | 1 | 2 |  |
| - | - | a1 | 7.64 | - | - | a |
| 3.01 | 0.023 | a2 | 7.87 | 0.23 \* | - | b |

Kesimpulan : Berdasarkan uji lanjut Duncan, diketahui bahwa masing-masing perlakuan jumlah pelapisan berbeda nyata pada taraf 5%.

Sy = = 0,009

Tabel 33. Uji Lanjut Duncan Faktor B

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SSR | LSR | Rata-rata Perlakuan |  | Perlakuan | | | Taraf 5% |
| 5% | 5% | kode | rata-rata | 1 | 2 | 3 |  |
| - | - | b3 | 4.90 | - | - | - | a |
| 3.01 | 0.028 | b1 | 9.15 | 4.25 \* | - | - | b |
| 3.16 | 0.029 | b2 | 9.20 | 4.30 \* | 0,050 \* | - | c |

Kesimpulan : Berdasarkan uji lanjut Duncan, diketahui bahwa masing-masing perlakuan suhu penyimpanan berbeda nyata pada taraf 5%.

**Hasil Pengamatan Uji Hedonik Terhadap Aroma Buah Potong Pepaya Hari ke-6 (Ulangan 1)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 5 | 5 | 1 | 4 | 5 | 1 | 21 | 3,50 |
| 2 | 6 | 6 | 1 | 6 | 6 | 1 | 26 | 4,33 |
| 3 | 5 | 5 | 1 | 4 | 4 | 1 | 20 | 3,33 |
| 4 | 4 | 5 | 1 | 5 | 4 | 1 | 20 | 3,33 |
| 5 | 5 | 4 | 1 | 6 | 4 | 1 | 21 | 3,50 |
| 6 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 7 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 8 | 6 | 3 | 1 | 4 | 3 | 1 | 18 | 3,00 |
| 9 | 5 | 5 | 1 | 5 | 4 | 1 | 21 | 3,50 |
| 10 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 11 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 12 | 4 | 3 | 1 | 3 | 3 | 1 | 15 | 2,50 |
| 13 | 4 | 4 | 1 | 4 | 5 | 1 | 19 | 3,17 |
| 14 | 5 | 5 | 1 | 5 | 6 | 1 | 23 | 3,83 |
| 15 | 4 | 5 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 16 | 4 | 3 | 1 | 5 | 5 | 1 | 19 | 3,17 |
| 17 | 5 | 5 | 1 | 5 | 3 | 1 | 20 | 3,33 |
| 18 | 4 | 4 | 1 | 4 | 5 | 1 | 19 | 3,17 |
| 19 | 3 | 3 | 1 | 3 | 3 | 1 | 14 | 2,33 |
| 20 | 4 | 4 | 1 | 4 | 5 | 1 | 19 | 3,17 |
| Jumlah | 90 | 86 | 20 | 90 | 88 | 20 |  |  |
| Rata-Rata | 4,5 | 4,3 | 1 | 4,5 | 4,4 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,35 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,61 | 1,93 |
| 2 | 2,55 | 2,55 | 1,22 | 2,55 | 2,55 | 1,22 | 12,65 | 2,11 |
| 3 | 2,35 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,38 | 1,90 |
| 4 | 2,12 | 2,35 | 1,22 | 2,35 | 2,12 | 1,22 | 11,38 | 1,90 |
| 5 | 2,35 | 2,12 | 1,22 | 2,55 | 2,12 | 1,22 | 11,59 | 1,93 |
| 6 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 7 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 8 | 2,55 | 1,87 | 1,22 | 2,12 | 1,87 | 1,22 | 10,86 | 1,81 |
| 9 | 2,35 | 2,35 | 1,22 | 2,35 | 2,12 | 1,22 | 11,61 | 1,93 |
| 10 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 11 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 12 | 2,12 | 1,87 | 1,22 | 1,87 | 1,87 | 1,22 | 10,18 | 1,70 |
| 13 | 2,12 | 2,12 | 1,22 | 2,12 | 2,35 | 1,22 | 11,16 | 1,86 |
| 14 | 2,35 | 2,35 | 1,22 | 2,35 | 2,55 | 1,22 | 12,03 | 2,01 |
| 15 | 2,12 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 16 | 2,12 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 11,13 | 1,86 |
| 17 | 2,35 | 2,35 | 1,22 | 2,35 | 1,87 | 1,22 | 11,36 | 1,89 |
| 18 | 2,12 | 2,12 | 1,22 | 2,12 | 2,35 | 1,22 | 11,16 | 1,86 |
| 19 | 1,87 | 1,87 | 1,22 | 1,87 | 1,87 | 1,22 | 9,93 | 1,66 |
| 20 | 2,12 | 2,12 | 1,22 | 2,12 | 2,35 | 1,22 | 11,16 | 1,86 |
| Jumlah | 44,60 | 43,64 | 24,49 | 44,57 | 44,07 | 24,49 |  |  |
| Rata-Rata | 2,23 | 2,18 | 1,22 | 2,23 | 2,20 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Aroma Buah Potong Pepaya Hari ke-6 (Ulangan 2)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 3 | 4 | 1 | 6 | 5 | 1 | 20 | 3,33 |
| 2 | 6 | 5 | 1 | 5 | 5 | 1 | 23 | 3,83 |
| 3 | 5 | 5 | 1 | 6 | 6 | 1 | 24 | 4,00 |
| 4 | 3 | 4 | 1 | 5 | 5 | 1 | 19 | 3,17 |
| 5 | 5 | 3 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 6 | 3 | 4 | 1 | 4 | 3 | 1 | 16 | 2,67 |
| 7 | 3 | 3 | 1 | 5 | 4 | 1 | 17 | 2,83 |
| 8 | 4 | 5 | 1 | 4 | 4 | 1 | 19 | 3,17 |
| 9 | 5 | 6 | 1 | 6 | 3 | 1 | 22 | 3,67 |
| 10 | 4 | 4 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 11 | 5 | 5 | 1 | 4 | 6 | 1 | 22 | 3,67 |
| 12 | 4 | 5 | 1 | 5 | 4 | 1 | 20 | 3,33 |
| 13 | 5 | 5 | 1 | 4 | 3 | 1 | 19 | 3,17 |
| 14 | 3 | 3 | 1 | 3 | 3 | 1 | 14 | 2,33 |
| 15 | 5 | 4 | 1 | 5 | 4 | 1 | 20 | 3,33 |
| 16 | 5 | 3 | 1 | 4 | 3 | 1 | 17 | 2,83 |
| 17 | 4 | 5 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 18 | 5 | 5 | 1 | 4 | 5 | 1 | 21 | 3,50 |
| 19 | 5 | 4 | 1 | 4 | 5 | 1 | 20 | 3,33 |
| 20 | 4 | 5 | 1 | 4 | 4 | 1 | 19 | 3,17 |
| Jumlah | 86 | 87 | 20 | 93 | 86 | 20 |  |  |
| Rata-Rata | 4,3 | 4,35 | 1 | 4,65 | 4,3 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 1,87 | 2,12 | 1,22 | 2,55 | 2,35 | 1,22 | 11,34 | 1,89 |
| 2 | 2,55 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 12,03 | 2,01 |
| 3 | 2,35 | 2,35 | 1,22 | 2,55 | 2,55 | 1,22 | 12,24 | 2,04 |
| 4 | 1,87 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,13 | 1,86 |
| 5 | 2,35 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 6 | 1,87 | 2,12 | 1,22 | 2,12 | 1,87 | 1,22 | 10,43 | 1,74 |
| 7 | 1,87 | 1,87 | 1,22 | 2,35 | 2,12 | 1,22 | 10,66 | 1,78 |
| 8 | 2,12 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,16 | 1,86 |
| 9 | 2,35 | 2,55 | 1,22 | 2,55 | 1,87 | 1,22 | 11,76 | 1,96 |
| 10 | 2,12 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,16 | 1,86 |
| 11 | 2,35 | 2,35 | 1,22 | 2,12 | 2,55 | 1,22 | 11,81 | 1,97 |
| 12 | 2,12 | 2,35 | 1,22 | 2,35 | 2,12 | 1,22 | 11,38 | 1,90 |
| 13 | 2,35 | 2,35 | 1,22 | 2,12 | 1,87 | 1,22 | 11,13 | 1,86 |
| 14 | 1,87 | 1,87 | 1,22 | 1,87 | 1,87 | 1,22 | 9,93 | 1,66 |
| 15 | 2,35 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,38 | 1,90 |
| 16 | 2,35 | 1,87 | 1,22 | 2,12 | 1,87 | 1,22 | 10,66 | 1,78 |
| 17 | 2,12 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 18 | 2,35 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,61 | 1,93 |
| 19 | 2,35 | 2,12 | 1,22 | 2,12 | 2,35 | 1,22 | 11,38 | 1,90 |
| 20 | 2,12 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,16 | 1,86 |
| Jumlah | 43,62 | 43,87 | 24,49 | 45,25 | 43,60 | 24,49 |  |  |
| Rata-Rata | 2,18 | 2,19 | 1,22 | 2,26 | 2,18 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Aroma Buah Potong Pepaya Hari ke-6 (Ulangan 3)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 5 | 4 | 1 | 4 | 4 | 1 | 19 | 3,17 |
| 2 | 3 | 5 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 3 | 3 | 6 | 1 | 5 | 6 | 1 | 22 | 3,67 |
| 4 | 4 | 4 | 1 | 6 | 4 | 1 | 20 | 3,33 |
| 5 | 6 | 4 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 6 | 4 | 3 | 1 | 4 | 4 | 1 | 17 | 2,83 |
| 7 | 5 | 5 | 1 | 3 | 5 | 1 | 20 | 3,33 |
| 8 | 4 | 4 | 1 | 3 | 5 | 1 | 18 | 3,00 |
| 9 | 4 | 6 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 10 | 6 | 5 | 1 | 5 | 4 | 1 | 22 | 3,67 |
| 11 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 12 | 3 | 5 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 13 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 14 | 3 | 5 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 15 | 4 | 4 | 1 | 4 | 5 | 1 | 19 | 3,17 |
| 16 | 3 | 6 | 1 | 3 | 3 | 1 | 17 | 2,83 |
| 17 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 18 | 5 | 4 | 1 | 4 | 4 | 1 | 19 | 3,17 |
| 19 | 5 | 5 | 1 | 5 | 6 | 1 | 23 | 3,83 |
| 20 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| Jumlah | 85 | 93 | 20 | 88 | 91 | 20 |  |  |
| Rata-Rata | 4,25 | 4,65 | 1 | 4,4 | 4,55 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,35 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 11,16 | 1,86 |
| 2 | 1,87 | 2,35 | 1,22 | 2,35 | 2,12 | 1,22 | 11,13 | 1,86 |
| 3 | 1,87 | 2,55 | 1,22 | 2,35 | 2,55 | 1,22 | 11,76 | 1,96 |
| 4 | 2,12 | 2,12 | 1,22 | 2,55 | 2,12 | 1,22 | 11,36 | 1,89 |
| 5 | 2,55 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,81 | 1,97 |
| 6 | 2,12 | 1,87 | 1,22 | 2,12 | 2,12 | 1,22 | 10,68 | 1,78 |
| 7 | 2,35 | 2,35 | 1,22 | 1,87 | 2,35 | 1,22 | 11,36 | 1,89 |
| 8 | 2,12 | 2,12 | 1,22 | 1,87 | 2,35 | 1,22 | 10,91 | 1,82 |
| 9 | 2,12 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 11,81 | 1,97 |
| 10 | 2,55 | 2,35 | 1,22 | 2,35 | 2,12 | 1,22 | 11,81 | 1,97 |
| 11 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 12 | 1,87 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 10,91 | 1,82 |
| 13 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 14 | 1,87 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 15 | 2,12 | 2,12 | 1,22 | 2,12 | 2,35 | 1,22 | 11,16 | 1,86 |
| 16 | 1,87 | 2,55 | 1,22 | 1,87 | 1,87 | 1,22 | 10,61 | 1,77 |
| 17 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 18 | 2,35 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 11,16 | 1,86 |
| 19 | 2,35 | 2,35 | 1,22 | 2,35 | 2,55 | 1,22 | 12,03 | 2,01 |
| 20 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| Jumlah | 43,37 | 45,25 | 24,49 | 44,12 | 44,82 | 24,49 |  |  |
| Rata-Rata | 2,17 | 2,26 | 1,22 | 2,21 | 2,24 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Aroma Buah Potong Pepaya Hari ke-6 (Ulangan 4)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 4 | 6 | 1 | 4 | 3 | 1 | 19 | 3,17 |
| 2 | 3 | 4 | 1 | 4 | 5 | 1 | 18 | 3,00 |
| 3 | 5 | 3 | 1 | 6 | 3 | 1 | 19 | 3,17 |
| 4 | 3 | 5 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 5 | 3 | 3 | 1 | 5 | 5 | 1 | 18 | 3,00 |
| 6 | 4 | 3 | 1 | 4 | 5 | 1 | 18 | 3,00 |
| 7 | 4 | 4 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 8 | 6 | 4 | 1 | 5 | 6 | 1 | 23 | 3,83 |
| 9 | 3 | 3 | 1 | 4 | 4 | 1 | 16 | 2,67 |
| 10 | 6 | 5 | 1 | 3 | 5 | 1 | 21 | 3,50 |
| 11 | 5 | 3 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 12 | 4 | 3 | 1 | 4 | 5 | 1 | 18 | 3,00 |
| 13 | 5 | 5 | 1 | 3 | 4 | 1 | 19 | 3,17 |
| 14 | 4 | 3 | 1 | 6 | 4 | 1 | 19 | 3,17 |
| 15 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 16 | 3 | 4 | 1 | 4 | 5 | 1 | 18 | 3,00 |
| 17 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 18 | 5 | 4 | 1 | 3 | 3 | 1 | 17 | 2,83 |
| 19 | 3 | 5 | 1 | 4 | 5 | 1 | 19 | 3,17 |
| 20 | 3 | 4 | 1 | 6 | 5 | 1 | 20 | 3,33 |
| Jumlah | 82 | 80 | 20 | 89 | 90 | 20 |  |  |
| Rata-Rata | 4,1 | 4 | 1 | 4,45 | 4,5 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,12 | 2,55 | 1,22 | 2,12 | 1,87 | 1,22 | 11,11 | 1,85 |
| 2 | 1,87 | 2,12 | 1,22 | 2,12 | 2,35 | 1,22 | 10,91 | 1,82 |
| 3 | 2,35 | 1,87 | 1,22 | 2,55 | 1,87 | 1,22 | 11,09 | 1,85 |
| 4 | 1,87 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 5 | 1,87 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 10,88 | 1,81 |
| 6 | 2,12 | 1,87 | 1,22 | 2,12 | 2,35 | 1,22 | 10,91 | 1,82 |
| 7 | 2,12 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,16 | 1,86 |
| 8 | 2,55 | 2,12 | 1,22 | 2,35 | 2,55 | 1,22 | 12,02 | 2,00 |
| 9 | 1,87 | 1,87 | 1,22 | 2,12 | 2,12 | 1,22 | 10,43 | 1,74 |
| 10 | 2,55 | 2,35 | 1,22 | 1,87 | 2,35 | 1,22 | 11,56 | 1,93 |
| 11 | 2,35 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 12 | 2,12 | 1,87 | 1,22 | 2,12 | 2,35 | 1,22 | 10,91 | 1,82 |
| 13 | 2,35 | 2,35 | 1,22 | 1,87 | 2,12 | 1,22 | 11,13 | 1,86 |
| 14 | 2,12 | 1,87 | 1,22 | 2,55 | 2,12 | 1,22 | 11,11 | 1,85 |
| 15 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 16 | 1,87 | 2,12 | 1,22 | 2,12 | 2,35 | 1,22 | 10,91 | 1,82 |
| 17 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 18 | 2,35 | 2,12 | 1,22 | 1,87 | 1,87 | 1,22 | 10,66 | 1,78 |
| 19 | 1,87 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,13 | 1,86 |
| 20 | 1,87 | 2,12 | 1,22 | 2,55 | 2,35 | 1,22 | 11,34 | 1,89 |
| Jumlah | 42,65 | 42,22 | 24,49 | 44,30 | 44,57 | 24,49 |  |  |
| Rata-Rata | 2,13 | 2,11 | 1,22 | 2,22 | 2,23 | 1,22 |  |  |

Tabel 34. Data Hasil Pengamatan Uji Hedonik Terhadap Aroma Buah Potong Pepaya Hari ke-6

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Jumlah Pelapisan (A) | Suhu Penyimpanan (B) | Ulangan | | | | Total Perlakuan | Rata-rata |
| 1 | 2 | 3 | 4 |
| a1 | b1 | 2,23 | 2,18 | 2,17 | 2,13 | 8,71 | 2,18 |
| b2 | 2,18 | 2,19 | 2,26 | 2,11 | 8,75 | 2,19 |
| b3 | 1,22 | 1,22 | 1,22 | 1,22 | 4,90 | 1,22 |
| a2 | b1 | 2,23 | 2,26 | 2,21 | 2,22 | 8,91 | 2,23 |
| b2 | 2,20 | 2,18 | 2,24 | 2,23 | 8,85 | 2,21 |
| b3 | 1,22 | 1,22 | 1,22 | 1,22 | 4,90 | 1,22 |
| TOTAL | | 11,29 | 11,27 | 11,33 | 11,14 | 45,02 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Faktor | B | | | Total | Rata-rata |
| A | b1 | b2 | b3 |
| a1 | 8,71 | 8,75 | 4,90 | 22,36 | 7,45 |
| a2 | 8,91 | 8,85 | 4,90 | 22,66 | 7,55 |
| Total | 17,62 | 17,60 | 9,80 | 45,02 |  |
| Rata-rata | 8,81 | 8,80 | 4,90 |  |  |

Dengan perhitungan yang sama, diperoleh anava :

Tabel 35. Analisis Variansi (ANAVA) Terhadap Aroma Buah Potong Pepaya hari ke-6

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sumber Keragaman | Db | JK | KT | F hitung | F Tabel 5% |
|
| Kelompok | 3 | 0,004 |  |  |  |
| Perlakuan | 5 | 5,096 |  |  |  |
| Faktor A | 1 | 0,004 | 0,004 | 3,40 tn | 4,54 |
| Faktor B | 2 | 5,090 | 2,5449 | 2248,00 \* | 3,68 |
| Interaksi A x B | 2 | 0,003 | 0,0013 | 1,11 tn | 3,68 |
| Galat | 15 | 0,017 | 0,0011 |  |  |
| Total | 23 | 5,117 |  |  |  |

Keterangan : (\*) berbeda nyata

(tn) tidak berbeda nyata

Kesimpulan : Berdasarkan tabel ANAVA diketahui bahwa F hitung > F tabel 5% terhadap faktor B. Hal ini berarti suhu penyimpanan berbeda nyata terhadap aroma buah potong pepaya sehingga perlu dilakukan uji lanjut Duncan.

Sy = = 0,012

Tabel 36. Uji Lanjut Duncan Faktor B

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SSR | LSR | Rata-rata Perlakuan |  | Perlakuan | | | Taraf 5% |
| 5% | 5% | kode | rata-rata | 1 | 2 | 3 |  |
| - | - | b3 | 4.90 | - | - | - | a |
| 3.01 | 0.036 | b2 | 8.80 | 3.90 \* | - | - | b |
| 3.16 | 0.038 | b1 | 8.81 | 3.91 \* | 0.01 tn | - | b |

Kesimpulan : Berdasarkan uji lanjut Duncan, diketahui bahwa suhu penyimpanan di suhu ruang (b3) berbeda nyata dengan suhu penyimpanan 5°C (b1) dan 10°C(b2), sedangkan penyimpanan dengan suhu 5°C (b1) tidak berbeda nyata dengan 10°C (b2).

**Hasil Pengamatan Uji Hedonik Terhadap Tekstur Buah Potong Pepaya Hari ke-6 (Ulangan 1)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 2 | 6 | 6 | 1 | 6 | 6 | 1 | 26 | 4,33 |
| 3 | 4 | 4 | 1 | 4 | 5 | 1 | 19 | 3,17 |
| 4 | 5 | 4 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 5 | 4 | 5 | 1 | 5 | 4 | 1 | 20 | 3,33 |
| 6 | 4 | 4 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 7 | 6 | 5 | 1 | 5 | 4 | 1 | 22 | 3,67 |
| 8 | 4 | 5 | 1 | 3 | 4 | 1 | 18 | 3,00 |
| 9 | 3 | 5 | 1 | 4 | 5 | 1 | 19 | 3,17 |
| 10 | 3 | 3 | 1 | 3 | 5 | 1 | 16 | 2,67 |
| 11 | 5 | 5 | 1 | 5 | 6 | 1 | 23 | 3,83 |
| 12 | 4 | 4 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 13 | 4 | 5 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 14 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 15 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 16 | 4 | 4 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 17 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 18 | 5 | 5 | 1 | 5 | 6 | 1 | 23 | 3,83 |
| 19 | 3 | 4 | 1 | 5 | 3 | 1 | 17 | 2,83 |
| 20 | 3 | 3 | 1 | 3 | 5 | 1 | 16 | 2,67 |
| Jumlah | 86 | 90 | 20 | 92 | 94 | 20 |  |  |
| Rata-Rata | 4,3 | 4,5 | 1 | 4,6 | 4,7 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 2 | 2,55 | 2,55 | 1,22 | 2,55 | 2,55 | 1,22 | 12,65 | 2,11 |
| 3 | 2,12 | 2,12 | 1,22 | 2,12 | 2,35 | 1,22 | 11,16 | 1,86 |
| 4 | 2,35 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 5 | 2,12 | 2,35 | 1,22 | 2,35 | 2,12 | 1,22 | 11,38 | 1,90 |
| 6 | 2,12 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,16 | 1,86 |
| 7 | 2,55 | 2,35 | 1,22 | 2,35 | 2,12 | 1,22 | 11,81 | 1,97 |
| 8 | 2,12 | 2,35 | 1,22 | 1,87 | 2,12 | 1,22 | 10,91 | 1,82 |
| 9 | 1,87 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,13 | 1,86 |
| 10 | 1,87 | 1,87 | 1,22 | 1,87 | 2,35 | 1,22 | 10,41 | 1,73 |
| 11 | 2,35 | 2,35 | 1,22 | 2,35 | 2,55 | 1,22 | 12,03 | 2,01 |
| 12 | 2,12 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,16 | 1,86 |
| 13 | 2,12 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 14 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 15 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 16 | 2,12 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,16 | 1,86 |
| 17 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 18 | 2,35 | 2,35 | 1,22 | 2,35 | 2,55 | 1,22 | 12,03 | 2,01 |
| 19 | 1,87 | 2,12 | 1,22 | 2,35 | 1,87 | 1,22 | 10,66 | 1,78 |
| 20 | 1,87 | 1,87 | 1,22 | 1,87 | 2,35 | 1,22 | 10,41 | 1,73 |
| Jumlah | 43,62 | 44,59 | 24,49 | 45,01 | 45,48 | 24,49 |  |  |
| Rata-Rata | 2,18 | 2,23 | 1,22 | 2,25 | 2,27 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Tekstur Buah Potong Pepaya Hari ke-6 (Ulangan 2)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 5 | 4 | 1 | 5 | 4 | 1 | 20 | 3,33 |
| 2 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 3 | 5 | 3 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 4 | 3 | 4 | 1 | 5 | 3 | 1 | 17 | 2,83 |
| 5 | 5 | 5 | 1 | 4 | 5 | 1 | 21 | 3,50 |
| 6 | 4 | 4 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 7 | 5 | 3 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 8 | 5 | 5 | 1 | 4 | 5 | 1 | 21 | 3,50 |
| 9 | 5 | 5 | 1 | 5 | 4 | 1 | 21 | 3,50 |
| 10 | 5 | 5 | 1 | 5 | 6 | 1 | 23 | 3,83 |
| 11 | 3 | 3 | 1 | 4 | 4 | 1 | 16 | 2,67 |
| 12 | 4 | 5 | 1 | 5 | 6 | 1 | 22 | 3,67 |
| 13 | 4 | 4 | 1 | 3 | 4 | 1 | 17 | 2,83 |
| 14 | 3 | 3 | 1 | 2 | 4 | 1 | 14 | 2,33 |
| 15 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 16 | 4 | 5 | 1 | 3 | 5 | 1 | 19 | 3,17 |
| 17 | 5 | 4 | 1 | 4 | 5 | 1 | 20 | 3,33 |
| 18 | 3 | 4 | 1 | 4 | 4 | 1 | 17 | 2,83 |
| 19 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 20 | 5 | 3 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| Jumlah | 86 | 82 | 20 | 87 | 92 | 20 |  |  |
| Rata-Rata | 4,3 | 4,1 | 1 | 4,35 | 4,6 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,35 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,38 | 1,90 |
| 2 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 3 | 2,35 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 4 | 1,87 | 2,12 | 1,22 | 2,35 | 1,87 | 1,22 | 10,66 | 1,78 |
| 5 | 2,35 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,61 | 1,93 |
| 6 | 2,12 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,16 | 1,86 |
| 7 | 2,35 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 8 | 2,35 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,61 | 1,93 |
| 9 | 2,35 | 2,35 | 1,22 | 2,35 | 2,12 | 1,22 | 11,61 | 1,93 |
| 10 | 2,35 | 2,35 | 1,22 | 2,35 | 2,55 | 1,22 | 12,03 | 2,01 |
| 11 | 1,87 | 1,87 | 1,22 | 2,12 | 2,12 | 1,22 | 10,43 | 1,74 |
| 12 | 2,12 | 2,35 | 1,22 | 2,35 | 2,55 | 1,22 | 11,81 | 1,97 |
| 13 | 2,12 | 2,12 | 1,22 | 1,87 | 2,12 | 1,22 | 10,68 | 1,78 |
| 14 | 1,87 | 1,87 | 1,22 | 1,58 | 2,12 | 1,22 | 9,89 | 1,65 |
| 15 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 16 | 2,12 | 2,35 | 1,22 | 1,87 | 2,35 | 1,22 | 11,13 | 1,86 |
| 17 | 2,35 | 2,12 | 1,22 | 2,12 | 2,35 | 1,22 | 11,38 | 1,90 |
| 18 | 1,87 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,68 | 1,78 |
| 19 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 20 | 2,35 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| Jumlah | 43,66 | 42,74 | 24,49 | 43,85 | 45,05 | 24,49 |  |  |
| Rata-Rata | 2,18 | 2,14 | 1,22 | 2,19 | 2,25 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Tekstur Buah Potong Pepaya Hari ke-6 (Ulangan 3)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 4 | 3 | 1 | 5 | 3 | 1 | 17 | 2,83 |
| 2 | 5 | 4 | 1 | 4 | 4 | 1 | 19 | 3,17 |
| 3 | 4 | 5 | 1 | 3 | 6 | 1 | 20 | 3,33 |
| 4 | 5 | 5 | 1 | 6 | 4 | 1 | 22 | 3,67 |
| 5 | 5 | 5 | 1 | 3 | 4 | 1 | 19 | 3,17 |
| 6 | 5 | 4 | 1 | 6 | 6 | 1 | 23 | 3,83 |
| 7 | 4 | 5 | 1 | 4 | 4 | 1 | 19 | 3,17 |
| 8 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 9 | 5 | 5 | 1 | 3 | 5 | 1 | 20 | 3,33 |
| 10 | 3 | 4 | 1 | 4 | 4 | 1 | 17 | 2,83 |
| 11 | 4 | 4 | 1 | 5 | 6 | 1 | 21 | 3,50 |
| 12 | 3 | 4 | 1 | 3 | 4 | 1 | 16 | 2,67 |
| 13 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 14 | 3 | 4 | 1 | 6 | 6 | 1 | 21 | 3,50 |
| 15 | 5 | 5 | 1 | 3 | 5 | 1 | 20 | 3,33 |
| 16 | 3 | 4 | 1 | 2 | 5 | 1 | 16 | 2,67 |
| 17 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 18 | 5 | 5 | 1 | 4 | 4 | 1 | 20 | 3,33 |
| 19 | 4 | 6 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 20 | 6 | 3 | 2 | 5 | 6 | 1 | 23 | 3,83 |
| Jumlah | 87 | 89 | 21 | 86 | 96 | 20 |  |  |
| Rata-Rata | 4,35 | 4,45 | 1,05 | 4,3 | 4,8 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,12 | 1,87 | 1,22 | 2,35 | 1,87 | 1,22 | 10,66 | 1,78 |
| 2 | 2,35 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 11,16 | 1,86 |
| 3 | 2,12 | 2,35 | 1,22 | 1,87 | 2,55 | 1,22 | 11,34 | 1,89 |
| 4 | 2,35 | 2,35 | 1,22 | 2,55 | 2,12 | 1,22 | 11,81 | 1,97 |
| 5 | 2,35 | 2,35 | 1,22 | 1,87 | 2,12 | 1,22 | 11,13 | 1,86 |
| 6 | 2,35 | 2,12 | 1,22 | 2,55 | 2,55 | 1,22 | 12,02 | 2,00 |
| 7 | 2,12 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,16 | 1,86 |
| 8 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 9 | 2,35 | 2,35 | 1,22 | 1,87 | 2,35 | 1,22 | 11,36 | 1,89 |
| 10 | 1,87 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,68 | 1,78 |
| 11 | 2,12 | 2,12 | 1,22 | 2,35 | 2,55 | 1,22 | 11,59 | 1,93 |
| 12 | 1,87 | 2,12 | 1,22 | 1,87 | 2,12 | 1,22 | 10,43 | 1,74 |
| 13 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 14 | 1,87 | 2,12 | 1,22 | 2,55 | 2,55 | 1,22 | 11,54 | 1,92 |
| 15 | 2,35 | 2,35 | 1,22 | 1,87 | 2,35 | 1,22 | 11,36 | 1,89 |
| 16 | 1,87 | 2,12 | 1,22 | 1,58 | 2,35 | 1,22 | 10,37 | 1,73 |
| 17 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 18 | 2,35 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,38 | 1,90 |
| 19 | 2,12 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 11,81 | 1,97 |
| 20 | 2,55 | 1,87 | 1,58 | 2,35 | 2,55 | 1,22 | 12,12 | 2,02 |
| Jumlah | 43,87 | 44,37 | 24,85 | 43,49 | 45,88 | 24,49 |  |  |
| Rata-Rata | 2,19 | 2,22 | 1,24 | 2,17 | 2,29 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Tekstur Buah Potong Pepaya Hari ke-6 (Ulangan 4)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 2 | 3 | 5 | 1 | 4 | 5 | 1 | 19 | 3,17 |
| 3 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 4 | 5 | 4 | 1 | 5 | 6 | 1 | 22 | 3,67 |
| 5 | 3 | 4 | 1 | 5 | 5 | 1 | 19 | 3,17 |
| 6 | 3 | 3 | 1 | 5 | 5 | 1 | 18 | 3,00 |
| 7 | 4 | 5 | 1 | 6 | 5 | 1 | 22 | 3,67 |
| 8 | 5 | 4 | 1 | 6 | 4 | 1 | 21 | 3,50 |
| 9 | 4 | 5 | 1 | 4 | 3 | 1 | 18 | 3,00 |
| 10 | 4 | 3 | 1 | 4 | 5 | 1 | 18 | 3,00 |
| 11 | 5 | 5 | 1 | 5 | 3 | 1 | 20 | 3,33 |
| 12 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 13 | 6 | 4 | 1 | 3 | 3 | 1 | 18 | 3,00 |
| 14 | 5 | 4 | 1 | 6 | 6 | 1 | 23 | 3,83 |
| 15 | 6 | 4 | 1 | 4 | 4 | 1 | 20 | 3,33 |
| 16 | 5 | 5 | 1 | 5 | 3 | 1 | 20 | 3,33 |
| 17 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 18 | 3 | 5 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 19 | 3 | 4 | 1 | 4 | 4 | 1 | 17 | 2,83 |
| 20 | 3 | 5 | 1 | 6 | 5 | 1 | 21 | 3,50 |
| Jumlah | 85 | 87 | 20 | 96 | 90 | 20 |  |  |
| Rata-Rata | 4,25 | 4,35 | 1 | 4,8 | 4,5 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 2 | 1,87 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,13 | 1,86 |
| 3 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 4 | 2,35 | 2,12 | 1,22 | 2,35 | 2,55 | 1,22 | 11,81 | 1,97 |
| 5 | 1,87 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,13 | 1,86 |
| 6 | 1,87 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 10,88 | 1,81 |
| 7 | 2,12 | 2,35 | 1,22 | 2,55 | 2,35 | 1,22 | 11,81 | 1,97 |
| 8 | 2,35 | 2,12 | 1,22 | 2,55 | 2,12 | 1,22 | 11,59 | 1,93 |
| 9 | 2,12 | 2,35 | 1,22 | 2,12 | 1,87 | 1,22 | 10,91 | 1,82 |
| 10 | 2,12 | 1,87 | 1,22 | 2,12 | 2,35 | 1,22 | 10,91 | 1,82 |
| 11 | 2,35 | 2,35 | 1,22 | 2,35 | 1,87 | 1,22 | 11,36 | 1,89 |
| 12 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 13 | 2,55 | 2,12 | 1,22 | 1,87 | 1,87 | 1,22 | 10,86 | 1,81 |
| 14 | 2,35 | 2,12 | 1,22 | 2,55 | 2,55 | 1,22 | 12,02 | 2,00 |
| 15 | 2,55 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 11,36 | 1,89 |
| 16 | 2,35 | 2,35 | 1,22 | 2,35 | 1,87 | 1,22 | 11,36 | 1,89 |
| 17 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 18 | 1,87 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 19 | 1,87 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,68 | 1,78 |
| 20 | 1,87 | 2,35 | 1,22 | 2,55 | 2,35 | 1,22 | 11,56 | 1,93 |
| Jumlah | 43,35 | 43,94 | 24,49 | 45,90 | 44,52 | 24,49 |  |  |
| Rata-Rata | 2,17 | 2,20 | 1,22 | 2,30 | 2,23 | 1,22 |  |  |

Tabel 37. Data Hasil Pengamatan Uji Hedonik Terhadap Tekstur Buah Potong Pepaya Hari ke-6

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Jumlah Pelapisan (A) | Suhu Penyimpanan (B) | Ulangan | | | | Total Perlakuan | Rata-rata |
| 1 | 2 | 3 | 4 |
| a1 | b1 | 2,18 | 2,18 | 2,19 | 2,17 | 8,73 | 2,18 |
| b2 | 2,23 | 2,14 | 2,22 | 2,20 | 8,78 | 2,20 |
| b3 | 1,22 | 1,22 | 1,24 | 1,22 | 4,92 | 1,23 |
| a2 | b1 | 2,25 | 2,19 | 2,17 | 2,30 | 8,91 | 2,23 |
| b2 | 2,27 | 2,25 | 2,29 | 2,23 | 9,05 | 2,26 |
| b3 | 1,22 | 1,22 | 1,22 | 1,22 | 4,90 | 1,22 |
| TOTAL | | 11,38 | 11,21 | 11,35 | 11,34 | 45,28 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Faktor | B | | | Total | Rata-rata |
| A | b1 | b2 | b3 |
| a1 | 8,73 | 8,78 | 4,92 | 22,42 | 7,47 |
| a2 | 8,91 | 9,05 | 4,90 | 22,86 | 7,62 |
| Total | 17,64 | 17,83 | 9,82 | 45,28 |  |
| Rata-rata | 8,82 | 8,91 | 4,91 |  |  |

Dengan perhitungan yang sama, diperoleh anava :

Tabel 38.Analisis Variansi (ANAVA) Terhadap Tekstur Buah Potong Pepaya hari ke-6

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sumber Keragaman | Db | JK | KT | F hitung | F Tabel 5% |
|
| Kelompok | 3 | 0,003 |  |  |  |
| Perlakuan | 5 | 5,239 |  |  |  |
| Faktor A | 1 | 0,008 | 0,008 | 7,99 \* | 4,54 |
| Faktor B | 2 | 5,226 | 2,6129 | 2663,20 \* | 3,68 |
| Interaksi A x B | 2 | 0,005 | 0,0025 | 2,50 tn | 3,68 |
| Galat | 15 | 0,015 | 0,0010 |  |  |
| Total | 23 | 5,256 |  |  |  |

Keterangan : (\*) berbeda nyata

(tn) tidak berbeda nyata

Kesimpulan : Berdasarkan tabel ANAVA diketahui bahwa F hitung > F tabel 5% terhadap faktor A dan faktor B. Hal ini berarti jumlah pelapisan dan suhu penyimpanan berbeda nyata terhadap tekstur buah potong pepaya sehingga perlu dilakukan uji lanjut Duncan.

Sy = = 0,09

Tabel 39. Uji Lanjut Duncan Faktor A

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| SSR | LSR | Rata-rata Perlakuan |  | Perlakuan |  | Taraf 5% |
| 5% | 5% | kode | rata-rata | 1 | 2 |  |
| - | - | a1 | 7.47 | - | - | a |
| 3.01 | 0.027 | a2 | 7.62 | 0.15 \* | - | b |

Kesimpulan : Berdasarkan uji lanjut Duncan, diketahui bahwa masing-masing perlakuan jumlah pelapisan tidak berbeda nyata pada taraf 5%.

Sy = = 0,011

Tabel 40. Uji Lanjut Duncan Faktor B

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SSR | LSR | Rata-rata Perlakuan |  | Perlakuan |  |  | Taraf 5% |
| 5% | 5% | kode | rata-rata | 1 | 2 | 3 |  |
| - | - | b3 | 4.91 | - | - | - | a |
| 3.01 | 0.033 | b1 | 8.82 | 3.91 \* | - | - | b |
| 3.16 | 0.035 | b2 | 8.91 | 4.00 \* | 0.09 \* | - | c |

Kesimpulan : Berdasarkan uji lanjut Duncan, diketahui bahwa masing-masing perlakuan suhu penyimpanan tidak berbeda nyata pada taraf 5%.

**Hasil Pengamatan Uji Hedonik Terhadap Rasa Buah Potong Pepaya Hari ke-6 (Ulangan 1)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 5 | 5 | 1 | 5 | 6 | 1 | 23 | 3,83 |
| 2 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 3 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 4 | 5 | 5 | 1 | 6 | 6 | 1 | 24 | 4,00 |
| 5 | 6 | 6 | 1 | 6 | 5 | 1 | 25 | 4,17 |
| 6 | 5 | 5 | 1 | 4 | 5 | 1 | 21 | 3,50 |
| 7 | 6 | 6 | 1 | 5 | 5 | 1 | 24 | 4,00 |
| 8 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 9 | 5 | 5 | 1 | 4 | 4 | 1 | 20 | 3,33 |
| 10 | 5 | 5 | 1 | 6 | 4 | 1 | 22 | 3,67 |
| 11 | 5 | 5 | 1 | 6 | 5 | 1 | 23 | 3,83 |
| 12 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 13 | 4 | 5 | 1 | 6 | 6 | 1 | 23 | 3,83 |
| 14 | 5 | 3 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 15 | 7 | 5 | 1 | 5 | 5 | 1 | 24 | 4,00 |
| 16 | 3 | 3 | 1 | 3 | 3 | 1 | 14 | 2,33 |
| 17 | 4 | 4 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 18 | 6 | 6 | 1 | 5 | 5 | 1 | 24 | 4,00 |
| 19 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 20 | 4 | 3 | 1 | 3 | 3 | 1 | 15 | 2,50 |
| Jumlah | 98 | 94 | 20 | 97 | 94 | 20 |  |  |
| Rata-Rata | 4,9 | 4,7 | 1 | 4,85 | 4,7 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,35 | 2,35 | 1,22 | 2,35 | 2,55 | 1,22 | 12,03 | 2,01 |
| 2 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 3 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 4 | 2,35 | 2,35 | 1,22 | 2,55 | 2,55 | 1,22 | 12,24 | 2,04 |
| 5 | 2,55 | 2,55 | 1,22 | 2,55 | 2,35 | 1,22 | 12,44 | 2,07 |
| 6 | 2,35 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,61 | 1,93 |
| 7 | 2,55 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 12,24 | 2,04 |
| 8 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 9 | 2,35 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,38 | 1,90 |
| 10 | 2,35 | 2,35 | 1,22 | 2,55 | 2,12 | 1,22 | 11,81 | 1,97 |
| 11 | 2,35 | 2,35 | 1,22 | 2,55 | 2,35 | 1,22 | 12,03 | 2,01 |
| 12 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 13 | 2,12 | 2,35 | 1,22 | 2,55 | 2,55 | 1,22 | 12,02 | 2,00 |
| 14 | 2,35 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 15 | 2,74 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 12,22 | 2,04 |
| 16 | 1,87 | 1,87 | 1,22 | 1,87 | 1,87 | 1,22 | 9,93 | 1,66 |
| 17 | 2,12 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,16 | 1,86 |
| 18 | 2,55 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 12,24 | 2,04 |
| 19 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 20 | 2,12 | 1,87 | 1,22 | 1,87 | 1,87 | 1,22 | 10,18 | 1,70 |
| Jumlah | 46,32 | 45,42 | 24,49 | 46,08 | 45,45 | 24,49 |  |  |
| Rata-Rata | 2,32 | 2,27 | 1,22 | 2,30 | 2,27 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Rasa Buah Potong Pepaya Hari ke-6 (Ulangan 2)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 2 | 5 | 6 | 1 | 5 | 5 | 1 | 23 | 3,83 |
| 3 | 5 | 5 | 1 | 4 | 5 | 1 | 21 | 3,50 |
| 4 | 4 | 4 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 5 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 6 | 4 | 4 | 1 | 3 | 3 | 1 | 16 | 2,67 |
| 7 | 6 | 5 | 1 | 5 | 5 | 1 | 23 | 3,83 |
| 8 | 6 | 6 | 1 | 6 | 6 | 1 | 26 | 4,33 |
| 9 | 4 | 4 | 1 | 6 | 6 | 1 | 22 | 3,67 |
| 10 | 3 | 3 | 1 | 3 | 4 | 1 | 15 | 2,50 |
| 11 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 12 | 6 | 6 | 1 | 6 | 6 | 1 | 26 | 4,33 |
| 13 | 5 | 5 | 1 | 6 | 4 | 1 | 22 | 3,67 |
| 14 | 4 | 5 | 1 | 3 | 5 | 1 | 19 | 3,17 |
| 15 | 5 | 4 | 1 | 4 | 5 | 1 | 20 | 3,33 |
| 16 | 4 | 3 | 1 | 3 | 5 | 1 | 17 | 2,83 |
| 17 | 4 | 4 | 1 | 4 | 6 | 1 | 20 | 3,33 |
| 18 | 5 | 4 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 19 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 20 | 5 | 6 | 1 | 5 | 5 | 1 | 23 | 3,83 |
| Jumlah | 92 | 91 | 20 | 91 | 97 | 20 |  |  |
| Rata-Rata | 4,6 | 4,55 | 1 | 4,55 | 4,85 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 2 | 2,35 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 12,03 | 2,01 |
| 3 | 2,35 | 2,35 | 1,22 | 2,12 | 2,35 | 1,22 | 11,61 | 1,93 |
| 4 | 2,12 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,16 | 1,86 |
| 5 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 6 | 2,12 | 2,12 | 1,22 | 1,87 | 1,87 | 1,22 | 10,43 | 1,74 |
| 7 | 2,55 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 12,03 | 2,01 |
| 8 | 2,55 | 2,55 | 1,22 | 2,55 | 2,55 | 1,22 | 12,65 | 2,11 |
| 9 | 2,12 | 2,12 | 1,22 | 2,55 | 2,55 | 1,22 | 11,79 | 1,97 |
| 10 | 1,87 | 1,87 | 1,22 | 1,87 | 2,12 | 1,22 | 10,18 | 1,70 |
| 11 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 12 | 2,55 | 2,55 | 1,22 | 2,55 | 2,55 | 1,22 | 12,65 | 2,11 |
| 13 | 2,35 | 2,35 | 1,22 | 2,55 | 2,12 | 1,22 | 11,81 | 1,97 |
| 14 | 2,12 | 2,35 | 1,22 | 1,87 | 2,35 | 1,22 | 11,13 | 1,86 |
| 15 | 2,35 | 2,12 | 1,22 | 2,12 | 2,35 | 1,22 | 11,38 | 1,90 |
| 16 | 2,12 | 1,87 | 1,22 | 1,87 | 2,35 | 1,22 | 10,66 | 1,78 |
| 17 | 2,12 | 2,12 | 1,22 | 2,12 | 2,55 | 1,22 | 11,36 | 1,89 |
| 18 | 2,35 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 19 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 20 | 2,35 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 12,03 | 2,01 |
| Jumlah | 45,03 | 44,76 | 24,49 | 44,70 | 46,13 | 24,49 |  |  |
| Rata-Rata | 2,25 | 2,24 | 1,22 | 2,24 | 2,31 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Rasa Buah Potong Pepaya Hari ke-6 (Ulangan 3)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 5 | 6 | 1 | 5 | 5 | 1 | 23 | 3,83 |
| 2 | 6 | 5 | 1 | 5 | 5 | 1 | 23 | 3,83 |
| 3 | 4 | 4 | 1 | 6 | 6 | 1 | 22 | 3,67 |
| 4 | 5 | 6 | 1 | 6 | 6 | 1 | 25 | 4,17 |
| 5 | 4 | 5 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 6 | 5 | 2 | 1 | 2 | 3 | 1 | 14 | 2,33 |
| 7 | 4 | 4 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 8 | 4 | 6 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 9 | 3 | 6 | 1 | 5 | 4 | 1 | 20 | 3,33 |
| 10 | 5 | 5 | 1 | 4 | 4 | 1 | 20 | 3,33 |
| 11 | 4 | 5 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 12 | 6 | 6 | 1 | 5 | 5 | 1 | 24 | 4,00 |
| 13 | 5 | 4 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 14 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 15 | 5 | 4 | 1 | 5 | 5 | 1 | 21 | 3,50 |
| 16 | 3 | 5 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 17 | 5 | 3 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 18 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 19 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 20 | 5 | 5 | 1 | 4 | 4 | 1 | 20 | 3,33 |
| Jumlah | 92 | 95 | 20 | 96 | 95 | 20 |  |  |
| Rata-Rata | 4,6 | 4,75 | 1 | 4,8 | 4,75 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,35 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 12,03 | 2,01 |
| 2 | 2,55 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 12,03 | 2,01 |
| 3 | 2,12 | 2,12 | 1,22 | 2,55 | 2,55 | 1,22 | 11,79 | 1,97 |
| 4 | 2,35 | 2,55 | 1,22 | 2,55 | 2,55 | 1,22 | 12,44 | 2,07 |
| 5 | 2,12 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 6 | 2,35 | 1,58 | 1,22 | 1,58 | 1,87 | 1,22 | 9,83 | 1,64 |
| 7 | 2,12 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,38 | 1,90 |
| 8 | 2,12 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 11,81 | 1,97 |
| 9 | 1,87 | 2,55 | 1,22 | 2,35 | 2,12 | 1,22 | 11,34 | 1,89 |
| 10 | 2,35 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,38 | 1,90 |
| 11 | 2,12 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 12 | 2,55 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 12,24 | 2,04 |
| 13 | 2,35 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 14 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 15 | 2,35 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,61 | 1,93 |
| 16 | 1,87 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 17 | 2,35 | 1,87 | 1,22 | 2,35 | 2,12 | 1,22 | 11,13 | 1,86 |
| 18 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 19 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 20 | 2,35 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 11,38 | 1,90 |
| Jumlah | 45,02 | 45,57 | 24,49 | 45,88 | 45,72 | 24,49 |  |  |
| Rata-Rata | 2,25 | 2,28 | 1,22 | 2,29 | 2,29 | 1,22 |  |  |

**Hasil Pengamatan Uji Hedonik Terhadap Rasa Buah Potong Pepaya Hari ke-6 (Ulangan 4)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA ASLI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 2 | 5 | 6 | 1 | 6 | 5 | 1 | 24 | 4,00 |
| 3 | 4 | 4 | 1 | 6 | 4 | 1 | 20 | 3,33 |
| 4 | 6 | 4 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 5 | 4 | 3 | 1 | 4 | 4 | 1 | 17 | 2,83 |
| 6 | 5 | 5 | 1 | 3 | 5 | 1 | 20 | 3,33 |
| 7 | 4 | 4 | 1 | 3 | 5 | 1 | 18 | 3,00 |
| 8 | 4 | 6 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 9 | 6 | 5 | 1 | 5 | 4 | 1 | 22 | 3,67 |
| 10 | 5 | 5 | 1 | 5 | 5 | 1 | 22 | 3,67 |
| 11 | 3 | 5 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 12 | 4 | 4 | 1 | 4 | 4 | 1 | 18 | 3,00 |
| 13 | 4 | 4 | 1 | 5 | 4 | 1 | 19 | 3,17 |
| 14 | 6 | 4 | 1 | 5 | 6 | 1 | 23 | 3,83 |
| 15 | 3 | 3 | 1 | 4 | 4 | 1 | 16 | 2,67 |
| 16 | 6 | 5 | 1 | 3 | 5 | 1 | 21 | 3,50 |
| 17 | 5 | 3 | 1 | 5 | 5 | 1 | 20 | 3,33 |
| 18 | 4 | 3 | 1 | 4 | 5 | 1 | 18 | 3,00 |
| 19 | 5 | 5 | 1 | 3 | 4 | 1 | 19 | 3,17 |
| 20 | 4 | 3 | 1 | 6 | 4 | 1 | 19 | 3,17 |
| Jumlah | 92 | 86 | 20 | 90 | 92 | 20 |  |  |
| Rata-Rata | 4,6 | 4,3 | 1 | 4,5 | 4,6 | 1 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA TRANSFORMASI** | | | | | | | | |
|
| Kode Sampel/ Panelis | a1b1 578 | a1b2 304 | a1b3 845 | a2b1 242 | a2b2 343 | a2b3 921 | Jumlah | Rata-Rata |
| 1 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 2 | 2,35 | 2,55 | 1,22 | 2,55 | 2,35 | 1,22 | 12,24 | 2,04 |
| 3 | 2,12 | 2,12 | 1,22 | 2,55 | 2,12 | 1,22 | 11,36 | 1,89 |
| 4 | 2,55 | 2,12 | 1,22 | 2,35 | 2,35 | 1,22 | 11,81 | 1,97 |
| 5 | 2,12 | 1,87 | 1,22 | 2,12 | 2,12 | 1,22 | 10,68 | 1,78 |
| 6 | 2,35 | 2,35 | 1,22 | 1,87 | 2,35 | 1,22 | 11,36 | 1,89 |
| 7 | 2,12 | 2,12 | 1,22 | 1,87 | 2,35 | 1,22 | 10,91 | 1,82 |
| 8 | 2,12 | 2,55 | 1,22 | 2,35 | 2,35 | 1,22 | 11,81 | 1,97 |
| 9 | 2,55 | 2,35 | 1,22 | 2,35 | 2,12 | 1,22 | 11,81 | 1,97 |
| 10 | 2,35 | 2,35 | 1,22 | 2,35 | 2,35 | 1,22 | 11,83 | 1,97 |
| 11 | 1,87 | 2,35 | 1,22 | 2,12 | 2,12 | 1,22 | 10,91 | 1,82 |
| 12 | 2,12 | 2,12 | 1,22 | 2,12 | 2,12 | 1,22 | 10,93 | 1,82 |
| 13 | 2,12 | 2,12 | 1,22 | 2,35 | 2,12 | 1,22 | 11,16 | 1,86 |
| 14 | 2,55 | 2,12 | 1,22 | 2,35 | 2,55 | 1,22 | 12,02 | 2,00 |
| 15 | 1,87 | 1,87 | 1,22 | 2,12 | 2,12 | 1,22 | 10,43 | 1,74 |
| 16 | 2,55 | 2,35 | 1,22 | 1,87 | 2,35 | 1,22 | 11,56 | 1,93 |
| 17 | 2,35 | 1,87 | 1,22 | 2,35 | 2,35 | 1,22 | 11,36 | 1,89 |
| 18 | 2,12 | 1,87 | 1,22 | 2,12 | 2,35 | 1,22 | 10,91 | 1,82 |
| 19 | 2,35 | 2,35 | 1,22 | 1,87 | 2,12 | 1,22 | 11,13 | 1,86 |
| 20 | 2,12 | 1,87 | 1,22 | 2,55 | 2,12 | 1,22 | 11,11 | 1,85 |
| Jumlah | 44,98 | 43,60 | 24,49 | 44,50 | 45,09 | 24,49 |  |  |
| Rata-Rata | 2,25 | 2,18 | 1,22 | 2,23 | 2,25 | 1,22 |  |  |

Tabel 41. Data Hasil Pengamatan Uji Hedonik Terhadap Rasa Buah Potong Pepaya Hari ke-6

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Jumlah Pelapisan (A) | Suhu Penyimpanan (B) | Ulangan | | | | Total Perlakuan | Rata-rata |
| 1 | 2 | 3 | 4 |
| a1 | b1 | 2,32 | 2,25 | 2,25 | 2,25 | 9,07 | 2,27 |
| b2 | 2,27 | 2,24 | 2,28 | 2,18 | 8,97 | 2,24 |
| b3 | 1,22 | 1,22 | 1,22 | 1,22 | 4,90 | 1,22 |
| a2 | b1 | 2,30 | 2,24 | 2,29 | 2,23 | 9,06 | 2,26 |
| b2 | 2,27 | 2,31 | 2,29 | 2,25 | 9,12 | 2,28 |
| b3 | 1,22 | 1,22 | 1,22 | 1,22 | 4,90 | 1,22 |
| TOTAL | | 11,61 | 11,48 | 11,56 | 11,36 | 46,01 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Faktor | B | | | Total | Rata-rata |
| A | b1 | b2 | b3 |
| a1 | 9,07 | 8,97 | 4,90 | 22,93 | 7,64 |
| a2 | 9,06 | 9,12 | 4,90 | 23,08 | 7,69 |
| Total | 18,13 | 18,09 | 9,80 | 46,01 |  |
| Rata-rata | 9,06 | 9,04 | 4,90 |  |  |

Dengan perhitungan yang sama, diperoleh anava :

Tabel 42.Analisis Variansi (ANAVA) Terhadap Rasa Buah Potong Pepaya hari ke-6

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sumber Keragaman | Db | JK | KT | F hitung | F Tabel 5% |
|
| Kelompok | 3 | 0,006 |  |  |  |
| Perlakuan | 5 | 5,755 |  |  |  |
| Faktor A | 1 | 0,001 | 0,001 | 1,36 tn | 4,54 |
| Faktor B | 2 | 5,752 | 2,8761 | 4584,36 \* | 3,68 |
| Interaksi A x B | 2 | 0,002 | 0,0010 | 1,64 tn | 3,68 |
| Galat | 15 | 0,009 | 0,0006 |  |  |
| Total | 23 | 5,771 |  |  |  |

Keterangan : (\*) berbeda nyata

(tn) tidak berbeda nyata

Kesimpulan : Berdasarkan tabel ANAVA diketahui bahwa F hitung > F tabel 5% terhadap faktor B. Hal ini berarti suhu penyimpanan berbedanyata terhadap rasa buah potong pepaya sehingga perlu dilakukan uji lanjut Duncan.

Sy = = 0,009

Tabel 43. Uji Lanjut Duncan Faktor B

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SSR | LSR | Rata-rata Perlakuan |  | Perlakuan | | | Taraf 5% |
| 5% | 5% | kode | rata-rata | 1 | 2 | 3 |
| - | - | b3 | 4.90 | - | - | - | a |
| 3.01 | 0.027 | b2 | 9.04 | 4.14 \* | - | - | b |
| 3.16 | 0.028 | b1 | 9.06 | 4.16 \* | 0.020 tn | - | b |

Kesimpulan : Berdasarkan uji lanjut Duncan, diketahui bahwa suhu penyimpanan di suhu ruang (b3) berbeda nyata dengan suhu penyimpanan 5°C (b1) dan 10°C (b2), sedangkan penyimpanan dengan suhu 5°C (b1) tidak berbeda nyata dengan penyimpanan suhu 10°C (b2).