**PERHITUNGAN HASIL UJI HEDONIK DAN UJI SKOR**

1. **Pemeriksaan I**
   a. **Sampel 1**

| Panelis | Kenampakan | Bau | Rasa | Tekstur | ∑ Rata-rata |
|---------|-----------|-----|------|---------|-------------|
| 1 | 6 | 6 | 6 | 6 | 6 |
| 2 | 7 | 7 | 7 | 7 | 7 |
| 3 | 7 | 7 | 7 | 5 | 6,5 |
| 4 | 6 | 6 | 5 | 6 | 57,5 |
| 5 | 7 | 7 | 7 | 5 | 6,5 |
| 6 | 7 | 7 | 7 | 6 | 67,5 |
| Jumlah | 40 | 40 | 39 | 35 | 151 |

   **Perhitungan  Uji Hedonik :**

   1) Kenampakan

   $\dot{x} = \frac{40}{6} = 6,67$

   $S^2 = \frac{(6-6,67)^2}{6} + \frac{(7-6,67)^2}{6} + \frac{(7-6,67)^2}{6} + \frac{(6-6,67)^2}{6} + \frac{(7-6,67)^2}{6} +$

   $\frac{(7-6,67)^2}{6}$

   $S^2 = \frac{1,34}{6} = 0,22$

   $S = 0,47$

   $P[\dot{x}-(\frac{1,96.s}{\sqrt{n}})] \le \mu \le [\dot{x}+(\frac{1,96.s}{\sqrt{n}})]$

   $P[6,67-(\frac{1,96.0,47}{\sqrt{6}})] \le \mu \le [6,67+(\frac{1,96.0,47}{\sqrt{6}})]$

   $P\ 6,29 \le \mu \le 7,05$

   Interval nilai sensori kenampakan jajanan cilok daging (sampel 1) adalah 6,29-7,05

   Jadi nilai akhir kenampakan jajanan cilok daging (sampel 1) = 6,29 = 6 (Agak suka)

2) Bau

$$\dot{x} = \frac{40}{6} = 6,67$$

$$S^2 = \frac{(6-6,67)^2}{6} + \frac{(7-6,67)^2}{6} + \frac{(7-6,67)^2}{6} + \frac{(6-6,673)^2}{6} + \frac{(7-6,67)^2}{6} +$$

$$\frac{(7-6,67)^2}{6}$$

$$S^2 = \frac{1,34}{6} = 0,22$$

$$S = 0,47$$

$$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$$

$$P\left[6,67 - \left(\frac{1,96.0,47}{\sqrt{6}}\right)\right] \leq \mu \leq \left[6,67 + \left(\frac{1,96.0,47}{\sqrt{6}}\right)\right]$$

$$P\ 6,29 \leq \mu \leq 7,05$$

Interval nilai sensori bau jajanan cilok daging (sampel 1) adalah 6,29-7,05

Jadi nilai akhir bau jajanan cilok daging (sampel 1) = 6,29 = 6 (Agak suka)

3) Rasa

$$\dot{x} = \frac{39}{6} = 6,5$$

$$S^2 = \frac{(6-6,5)^2}{6} + \frac{(7-6,5)^2}{6} + \frac{(7-6,5)^2}{6} + \frac{(5-6,5)^2}{6} + \frac{(7-6,5)^2}{6} + \frac{(7-6,5)^2}{6}$$

$$S^2 = \frac{3,5}{6} = 0,58$$

$$S = 0,76$$

$$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$$

$$P\left[6,5 - \left(\frac{1,96.0,76}{\sqrt{6}}\right)\right] \leq \mu \leq \left[6,5 + \left(\frac{1,96.0,76}{\sqrt{6}}\right)\right]$$

$$P\ 5,89 \leq \mu \leq 7,1$$

Interval nilai sensori rasa jajanan cilok daging (sampel 1) adalah 5,89-7,1

Jadi nilai akhir rasa jajanan cilok daging (sampel 1) = 5,89 = 6 (Agak suka)

4) Tekstur

$\dot{x} = \frac{35}{6} = 5,83$

$S^2 = \frac{(6-5,83)^2}{6} + \frac{(7-5,83)^2}{6} + \frac{(5-5,83)^2}{6} + \frac{(6-5,83)^2}{6} + \frac{(5-5,83)^2}{6} +$

$\frac{(6-45,83)^2}{6}$

$S^2 = \frac{2,84}{6} = 0,47$

$S = 0,69$

$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[5,83 - \left(\frac{1,96.0,69}{\sqrt{6}}\right)\right] \leq \mu \leq \left[5,83 + \left(\frac{1,96.0,69}{\sqrt{6}}\right)\right]$

$P\ 5,28 \leq \mu \leq 6,38$

Interval nilai sensori tekstur jajanan cilok daging (sampel 1) adalah 5,28-6,38

Jadi nilai akhir tekstur jajanan cilok daging (sampel 1) = 5,28 = 5 (Netral)

**Perhitungan Uji Skor :**

$\dot{x} = \frac{151}{6} = 25,17$

$S^2 = \frac{(6-25,17)^2}{6} + \frac{(7-25,17)^2}{6} + \frac{(6,5-25,17)^2}{6} + \frac{(57,5-25,17)^2}{6} +$

$\frac{(6,5-25,17)^2}{6} + \frac{(67,5-25,17)^2}{6}$

$S^2 = \frac{4.231,84}{6} = 705,31$

$S = 25,56$

$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[25,17 - \left(\frac{1,96.25,56}{\sqrt{6}}\right)\right] \leq \mu \leq \left[25,17 + \left(\frac{1,96.25,56}{\sqrt{6}}\right)\right]$

$P\ 4,72 \leq \mu \leq 45,62$

Interval nilai organoleptik jajanan cilok daging (sampel 1) adalah 4,72-45,62

Jadi nilai akhir organoleptik jajanan cilok daging (sampel 1) = 4,72 = 5 (Netral) ⟶ Kriteria : Tidak baik

b. **Sampel 2**

| Panelis | Kenampakan | Bau | Rasa | Tekstur | ∑ Rata-rata |
|---------|-----------|-----|------|---------|-------------|
| 1 | 7 | 7 | 8 | 8 | 7,75 |
| 2 | 6 | 7 | 8 | 8 | 7,25 |
| 3 | 7 | 6 | 7 | 7 | 6,75 |
| 4 | 6 | 6 | 7 | 7 | 6,75 |
| 5 | 7 | 7 | 6 | 6 | 6,75 |
| 6 | 7 | 6 | 6 | 6 | 6,75 |
| Jumlah | 40 | 39 | 46 | 42 | 42 |

**Perhitungan Uji Hedonik :**

1) Kenampakan

$\dot{x} = \frac{40}{6} = 6,67$

$S^2 = \frac{(7-6,67)^2}{6} + \frac{(6-6,67)^2}{6} + \frac{(7-6,67)^2}{6} + \frac{(6-6,67)^2}{6} + \frac{(7-6,67)^2}{6} +$

$\frac{(7-6,67)^2}{6}$

$S^2 = \frac{1,34}{6} = 0,22$

$S = 0,47$

$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \le \mu \le \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[6,67 - \left(\frac{1,96.0,47}{\sqrt{6}}\right)\right] \le \mu \le \left[6,67 + \left(\frac{1,96.0,47}{\sqrt{6}}\right)\right]$

$P\ 6,29 \le \mu \le 7,05$

Interval nilai sensori kenampakan jajanan cilok daging (sampel 2) adalah 6,29-7,05

Jadi nilai akhir kenampakan jajanan cilok daging (sampel 2) = 6,29 = 6 (Agak suka)

2) Bau

$\dot{x} = \frac{39}{6} = 6,5$

$S^2 = \frac{(7-6,5)^2}{6} + \frac{(7-6,5)^2}{6} + \frac{(6-6,5)^2}{6} + \frac{(6-6,5)^2}{6} + \frac{(7-6,5)^2}{6} + \frac{(6-6,5)^2}{6}$

$S^2 = \frac{1,5}{6} = 0,25$

$S = 0,5$

$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \le \mu \le \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

P $[6,5 - (\frac{1,96.0,5}{\sqrt{6}})] \leq \mu \leq [6,5 + (\frac{1,96.0,5}{\sqrt{6}})]$

P $6,10 \leq \mu \leq 6,91$

Interval nilai sensori bau jajanan cilok daging (sampel 2) adalah 6,10-6,91

Jadi nilai akhir bau jajanan cilok daging (sampel 2) = 6,10 = 6 (Agak suka)

3) Rasa

$\dot{x} = \frac{46}{6} = 7,67$

$S^2 = \frac{(8-7,67)^2}{6} + \frac{(8-7,67)^2}{6} + \frac{(7-7,67)^2}{6} + \frac{(8-7,67)^2}{6} + \frac{(7-7,67)^2}{6} + \frac{(8-7,67)^2}{6}$

$S^2 = \frac{1,34}{6} = 0,2$

$S = 0,47$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[7,67 - (\frac{1,96.0,47}{\sqrt{6}})] \leq \mu \leq [7,67 + (\frac{1,96.0,47}{\sqrt{6}})]$

P $7,29 \leq \mu \leq 8,05$

Interval nilai sensori rasa jajanan cilok daging (sampel 2) adalah 7,29-8,05

Jadi nilai akhir rasa jajanan cilok daging (sampel 2) = 7,29 = 7 (Suka)

4) Tekstur

$\dot{x} = \frac{42}{6} = 7$

$S^2 = \frac{(8-7)^2}{6} + \frac{(8-7)^2}{6} + \frac{(7-7)^2}{6} + \frac{(7-7)^2}{6} + \frac{(6-7)^2}{6} + \frac{(6-7)^2}{6}$

$S^2 = \frac{4}{6} = 0,67$

$S = 0,82$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[7 - (\frac{1,96.0,82}{\sqrt{6}})] \leq \mu \leq [7 + (\frac{1,96.0,82}{\sqrt{6}})]$

P $6,34 \leq \mu \leq 7,66$

Interval nilai sensori tekstur jajanan cilok daging (sampel 2) adalah 6,34-7,66

Jadi nilai akhir tekstur jajanan ciok daging (sampel 2) = 6,34 = 6 (Agak suka)

**Perhitungan Uji Skor :**

$\dot{x} \quad = \frac{42}{6} = 7$

$S^2 = \quad \frac{(7,75-7)^2}{6} + \frac{(7,25-7)^2}{6} + \frac{(6,75-7)^2}{6} + \frac{(6,75-7)^2}{6} + \frac{(6,75-7)^2}{6} +$

$\quad \frac{(6,75-7)^2}{6}$

$S^2 \quad = \frac{0,86}{6} = 0,14$

$S \quad = 0,37$

$P\,[\dot{x}-(\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x}+(\frac{1,96.s}{\sqrt{n}})]$

$P\,[7-(\frac{1,96.0,37}{\sqrt{6}})] \leq \mu \leq [7+(\frac{1,96.0,37}{\sqrt{6}})]$

$P\ 6,70 \leq \mu \leq 7,30$

Interval nilai organoleptik jajanan cilok daging (sampel 2) adalah 6,70-7,30

Jadi nilai akhir organoleptik jajanan cilok daging (sampel 2) =6,70 = 7 (Suka)

⟶ Kriteria : Baik

c. **Sampel 3**

| Panelis | Kenampakan | Bau | Rasa | Tekstur | ∑ Rata-rata |
|---------|-----------|-----|------|---------|-------------|
| 1 | 6 | 8 | 7 | 8 | 7,25 |
| 2 | 7 | 8 | 7 | 8 | 7,5 |
| 3 | 7 | 8 | 6 | 8 | 7,25 |
| 4 | 8 | 9 | 6 | 8 | 8 |
| 5 | 6 | 9 | 5 | 8 | 7 |
| 6 | 8 | 9 | 5 | 9 | 7,75 |
| Jumlah | 42 | 51 | 36 | 49 | 44,75 |

**Perhitungan  Uji Hedonik :**

1) Kenampakan

$\dot{x} = \frac{42}{6} = 7$

$S^2 = \frac{(6-7)^2}{6} + \frac{(7-7)^2}{6} + \frac{(7-7)^2}{6} + \frac{(8-7)^2}{6} + \frac{(6-7)^2}{6} + \frac{(8-7)^2}{6}$

$S^2 = \frac{4}{6} = 0,66$

$S = 0,82$

$P\,[\dot{x}-(\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x}+(\frac{1,96.s}{\sqrt{n}})]$

$P\,[4,67-(\frac{1,96.0,82}{\sqrt{6}})] \leq \mu \leq [4,67+(\frac{1,96.0,82}{\sqrt{6}})]$

P $6,34 \leq \mu \leq 7,66$

Interval nilai sensori kenampakan jajanan cilok daging (sampel 3) adalah 6,34-7,66

Jadi nilai akhir kenampakan jajanan cilok daging (sampel 3) = 6,34 = 6 (agak suka)

2) Bau

$\dot{x} = \frac{51}{6} = 8,5$

$S^2 = \frac{(8-8,5)^2}{6} + \frac{8-8,5^2}{6} + \frac{(8-8,5)^2}{6} + \frac{(9-8,5)^2}{6} + \frac{(9-8,5)^2}{6} + \frac{(9-8,5)^2}{6}$

$S^2 = \frac{1,50}{6} = 0,25$

S $= 0,5$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[8,5 - (\frac{1,96.0,5}{\sqrt{6}})] \leq \mu \leq [8,5 + (\frac{1,96.0,5}{\sqrt{6}})]$

P $8,10 \leq \mu \leq 8,91$

Interval nilai sensori bau jajanan cilok daging (sampel 3) adalah 8,10-8,91

Jadi nilai akhir bau jajanan cilok daging (sampel 3) = 8,10 = 8 (Sangat suka)

3) Rasa

$\dot{x} = \frac{36}{6} = 6$

$S^2 = \frac{(7-6)^2}{6} + \frac{(67-6)^2}{6} + \frac{(6-6)^2}{6} + \frac{(6-6)^2}{6} + \frac{(5-6)^2}{6} + \frac{(5-6)^2}{6}$

$S^2 = \frac{4}{6} = 0,67$

S $= 0,82$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[6 - (\frac{1,96.0,82}{\sqrt{6}})] \leq \mu \leq [6 + (\frac{1,96.0,82}{\sqrt{6}})]$

P $5,34 \leq \mu \leq 6,66$

Interval nilai sensori rasa jajanan cilok daging (sampel 3) adalah 5,34-6,66

Jadi nilai akhir rasa jajanan cilok daging (sampel 3) = 5,34 = 5 (Netral)

4) Tekstur

$\dot{x} = \frac{49}{6} = 8,17$

$S^2 = \frac{(8-8,17)^2}{6} + \frac{(8-8,17)^2}{6} + \frac{(8-8,17)^2}{6} + \frac{(8-8,17)^2}{6} + \frac{(8-8,17)^2}{6} +$

$\frac{(9-8,17)^2}{6}$

$S^2 = \frac{0,84}{6} = 0,14$

$S = 0,37$

$P\left[\dot{x}-\left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[8,17-\left(\frac{1,96.0,37}{\sqrt{6}}\right)\right] \leq \mu \leq \left[4,67+\left(\frac{1,96.0,37}{\sqrt{6}}\right)\right]$

$P\ 7,87 \leq \mu \leq 8,47$

Interval nilai sensori tektur jajanan ciok daging (sampel 3) adalah 7,87-8,47

Jadi nilai akhir tekstur jajanan cilok daging (sampel 3) = 7,87 = 8 (Sangat suka)

**Perhitungan Uji Skor :**

$\dot{x} = \frac{44,75}{6} = 7,46$

$S^2 = \frac{(7,25-7,46)^2}{6} + \frac{(7,25-7,46)^2}{6} + \frac{(7,25-7,46)^2}{6} + \frac{(8-7,46)^2}{6} +$

$\frac{(7-7,46)^2}{6} + \frac{(7,75-7,46)^2}{6}$

$S^2 = \frac{0,66}{6} = 0,11$

$S = 0,33$

$P\left[\dot{x}-\left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[7,46 - \left(\frac{1,96.0,33}{\sqrt{6}}\right)\right] \leq \mu \leq \left[7,46 + \left(\frac{1,96.0,33}{\sqrt{6}}\right)\right]$

$P\ 7,19 \leq \mu \leq 7,72$

Interval nilai organoleptik jajanan cilok daging (sampel 3) adalah 7,19-7,72

Jadi nilai akhir organoleptik jajanan cilok daging (sampel 3) = 7,19 = 7 (Suka) ⟶ Kriteria : Baik

2.  **Pemeriksaan II**
    a.  **Sampel 1**

| Panelis | Kenampakan | Bau | Rasa | Tekstur | ∑ Rata-rata |
|---|---|---|---|---|---|
| 1 | 5 | 6 | 6 | 6 | 5,75 |
| 2 | 6 | 6 | 6 | 6 | 6 |
| 3 | 6 | 6 | 6 | 5 | 5,75 |
| 4 | 5 | 6 | 5 | 6 | 5,5 |
| 5 | 7 | 7 | 7 | 6 | 6,5 |
| 6 | 6 | 7 | 6 | 5 | 6,25 |
| Jumlah | 35 | 38 | 356 | 34 | 35,75 |

**Perhitungan Uji Hedonik :**

1) Kenampakan

$\dot{x} = \frac{35}{6} = 5,83$

$S^2 = \frac{(5-5,83)^2}{6} + \frac{(6-5,83)^2}{6} + \frac{(6-5,83)^2}{6} + \frac{(5-5,83)^2}{6} + \frac{(7-5,83)^2}{6} +$

$\frac{(6-5,83)^2}{6}$

$S^2 = \frac{2,84}{6} = 0,47$

$S = 0,69$

$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[5,83 - \left(\frac{1,96.0,69}{\sqrt{6}}\right)\right] \leq \mu \leq \left[5,83 + \left(\frac{1,96.0,69}{\sqrt{6}}\right)\right]$

$P\ 5,28 \leq \mu \leq 6,38$

Interval nilai sensori kenampakan jajanan cilok daging (sampel 1) adalah 5,83-6,38

Jadi nilai akhir kenampakan jajanan cilok daging (sampel 1) = 5,83 = 6 (Netral)

2) Bau

$\dot{x} = \frac{38}{6} = 6,33$

$S^2 = \frac{(6-6,33)^2}{6} + \frac{(6-6,33)^2}{6} + \frac{(6-6,33)^2}{6} + \frac{(6-6,33)^2}{6} + \frac{(7-6,33)^2}{6} +$

$\frac{(7-6,33)^2}{6}$

$S^2 = \frac{1,34}{6} = 0,22$

$S = 0,47$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[6,33 - (\frac{1,96.0,47}{\sqrt{6}})] \leq \mu \leq [6,33 + (\frac{1,96.0,47}{\sqrt{6}})]$

P $5,95 \leq \mu \leq 6,71$

Interval nilai sensori bau jajanan cilok daging (sampel 1) adalah 5,95-6,71

Jadi nilai akhir bau jajanan cilok daging (sampel 1) = 5,95 = 6 (Agak suka)

3) Rasa

$\dot{x} = \frac{36}{6} = 6$

$S^2 = \frac{(6-6)^2}{6} + \frac{(6-6)^2}{6} + \frac{(6-6)^2}{6} + \frac{(5-6)^2}{6} + \frac{(7-6)^2}{6} + \frac{(6-6)^2}{6}$

$S^2 = \frac{2}{6} = 0,33$

S = 0,58

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[6 - (\frac{1,96.0,58}{\sqrt{6}})] \leq \mu \leq [6 + (\frac{1,96.0,58}{\sqrt{6}})]$

P $5,54 \leq \mu \leq 6,46$

Interval nilai sensori rasa jajanan cilok daging (sampel 1) adalah 5,54-6,12

Jadi nilai akhir rasa jajanan cilok daging (sampel 1) = 5,54 = 6 (Agak suka)

4) Tekstur

$\dot{x} = \frac{34}{6} = 5,67$

$S^2 = \frac{(6-5,67)^2}{6} + \frac{(6-5,67)^2}{6} + \frac{(5-5,67)^2}{6} + \frac{(6-5,67)^2}{6} + \frac{(5-5,67)^2}{6} +$

$\frac{(6-5,67)^2}{6}$

$S^2 = \frac{1,34}{6} = 0,22$

S = 0,47

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[5,67 - (\frac{1,96.0,47}{\sqrt{6}})] \leq \mu \leq [5,67 + (\frac{1,96.0,47}{\sqrt{6}})]$

P $5,29 \leq \mu \leq 6,05$

Interval nilai sensori tekstur jajanan cilok daging (sampel 1) adalah 5,29-6,05

Jadi nilai akhir tekstur jajanan ciok daging (sampel 1) = 5,29 = 5 (Netral)

**Perhitungan Uji Skor :**

$$\dot{x} = \frac{35{,}75}{6} = 5{,}96$$

$$S^2 = \frac{(5{,}75-5{,}96)^2}{6} + \frac{(6-5{,}96)^2}{6} + \frac{(5{,}75-5{,}96)^2}{6} + \frac{(5{,}5-5{,}96)^2}{6} + \frac{(6{,}5-5{,}96)^2}{6} + \frac{(6{,}25-5{,}96)^2}{6}$$

$$S^2 = \frac{0{,}67}{6} = 0{,}11$$

$$S = 0{,}33$$

$$P\left[\dot{x}-\left(\frac{1{,}96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1{,}96.s}{\sqrt{n}}\right)\right]$$

$$P\left[5{,}96 - \left(\frac{1{,}96.0{,}33}{\sqrt{6}}\right)\right] \leq \mu \leq \left[5{,}96 + \left(\frac{1{,}96.0{,}33}{\sqrt{6}}\right)\right]$$

$$P\ 5{,}7 \leq \mu \leq 6{,}22$$

Interval nilai organoleptik jajanan cilok daging (sampel 1) adalah 5,7-6,22

Jadi nilai akhir organoleptik jajanan cilok daging (sampel 1) = 5,7 = 6 (Agak suka ⟶ Kriteria : Tidak baik

b. **Sampel 2**

| Panelis | Kenampakan | Bau | Rasa | Tekstur | ∑ Rata-rata |
|---------|------------|-----|------|---------|-------------|
| 1 | 8 | 7 | 8 | 7 | 7,5 |
| 2 | 6 | 7 | 8 | 7 | 7 |
| 3 | 7 | 7 | 7 | 7 | 7 |
| 4 | 7 | 6 | 7 | 6 | 6,5 |
| 5 | 6 | 6 | 7 | 7 | 6,5 |
| 6 | 6 | 7 | 8 | 7 | 7 |
| Jumlah | 40 | 40 | 45 | 41 | 41,5 |

**Perhitungan Uji Hedonik :**

1) Kenampakan

$$\dot{x} = \frac{40}{6} = 6{,}67$$

$$S^2 = \frac{(8-6{,}67)^2}{6} + \frac{(6-6{,}67)^2}{6} + \frac{(7-6{,}67)^2}{6} + \frac{(7-6{,}67)^2}{6} + \frac{(6-6{,}67)^2}{6} + \frac{(6-6{,}67)^2}{6}$$

$$S^2 = \frac{3{,}34}{6} = 0{,}56$$

S  = 0,75

$P[\dot{x}-(\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x}+(\frac{1,96.s}{\sqrt{n}})]$

$P[6,67 - (\frac{1,96.0,75}{\sqrt{6}})] \leq \mu \leq [6,67 + (\frac{1,96.0,75}{\sqrt{6}})]$

$P\ 6,07 \leq \mu \leq 7,28$

Interval nilai sensori kenampakan jajanan cilok daging (sampel 2) adalah 6,07-7,28

Jadi nilai akhir kenampakan jajanan cilok daging (sampel 2) = 6,07 = 6 (Agak suka)

2) Bau

$\dot{x} = \frac{40}{6} = 6,67$

$S^2 = \frac{(7-6,67)^2}{6} + \frac{(7-6,67)^2}{6} + \frac{(7-6,67)^2}{6} + \frac{(6-6,67)^2}{6} + \frac{(6-6,67)^2}{6} + \frac{(7-6,67)^2}{6}$

$S^2 = \frac{1,34}{6} = 0,22$

S  = 0,47

$P[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

$P[6,67 - (\frac{1,96.0,47}{\sqrt{6}})] \leq \mu \leq [6,67 + (\frac{1,96.0,47}{\sqrt{6}})]$

$P\ 6,29 \leq \mu \leq 7,05$

Interval nilai sensori bau jajanan cilok daging (sampel 2) adalah 6,29-,05

Jadi nilai akhir bau jajanan cilok daging (sampel 2) = 6,29 = 6 (Agak suka)

3) Rasa

$\dot{x} = \frac{45}{6} = 7,5$

$S^2 = \frac{(8-7,5)^2}{6} + \frac{(8-7,5)^2}{6} + \frac{(7-7,5)^2}{6} + \frac{(7-7,5)^2}{6} + \frac{(7-7,5)^2}{6} + \frac{(8-7,5)^2}{6}$

$S^2 = \frac{1,5}{6} = 0,25$

S  = 0,5

$P[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

$P[7,5- (\frac{1,96.0,5}{\sqrt{6}})] \leq \mu \leq [7,5+ (\frac{1,96.0,5}{\sqrt{6}})]$

$P\ 7,10 \leq \mu \leq 7,90$

Interval nilai sensori rasa jajanan cilok daging (sampel 2) adalah 7,10-7,90

Jadi nilai akhir rasa jajanan cilok daging (sampel 2) = 7,10= 7 (Suka)

4) Tekstur

$$\dot{x} = \frac{41}{6} = 6,83$$

$$S^2 = \frac{(7-6,83)^2}{6} + \frac{(7-6,83)^2}{6} + \frac{(7-6,83)^2}{6} + \frac{(6-6,83)^2}{6} + \frac{(7-6,83)^2}{6} + \frac{(7-6,83)^2}{6}$$

$$S^2 = \frac{0,84}{6} = 0,14$$

S  = 0,37

$$P\left[\dot{x}-\left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1,96.s}{\sqrt{n}}\right)\right]$$

$$P\left[6,83-\left(\frac{1,96.0,37}{\sqrt{6}}\right)\right] \leq \mu \leq \left[6,83+\left(\frac{1,96.0,37}{\sqrt{6}}\right)\right]$$

P $6,53 \leq \mu \leq 7,13$

Interval nilai sensori tekstur jajanan cilok daging (sampel 2) adalah 6,53-7,13

Jadi nilai akhir tekstur jajanan tempura (sampel 2) = 6,53 = 7 (Agak suka)

**Perhitungan Uji Skor :**

$$\dot{x} = \frac{41}{6} = 6,83$$

$$S^2 = \frac{(7,5-6,83)^2}{6} + \frac{(7-6,83)^2}{6} + \frac{(7-6,83)^2}{6} + \frac{(6,5-6,83)^2}{6} + \frac{(6,5-6,83)^2}{6} + \frac{(7-6,83)^2}{6}$$

$$S^2 = \frac{0,76}{6} = 0,13$$

S   = 0,36

$$P\left[\dot{x}-\left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1,96.s}{\sqrt{n}}\right)\right]$$

$$P\left[6,83-\left(\frac{1,96.0,36}{\sqrt{6}}\right)\right] \leq \mu \leq \left[6,83+\left(\frac{1,96.0,36}{\sqrt{6}}\right)\right]$$

P $6,54 \leq \mu \leq 7,12$

Interval nilai organoleptik jajanan cilok daging (sampel 2) adalah 6,54-7,12

Jadi nilai akhir organoleptik jajanan cilok daging (sampel 2) = 6,54 = 7 (Agak suka) ⟶ Kriteria : Baik

c. **Sampel 3**

| Panelis | Kenampakan | Bau | Rasa | Tekstur | ∑ Rata-rata |
|---------|-----------|-----|------|---------|-------------|
| 1 | 8 | 8 | 7 | 9 | 8 |
| 2 | 7 | 9 | 7 | 8 | 7,75 |
| 3 | 7 | 9 | 6 | 9 | 7,75 |
| 4 | 7 | 8 | 7 | 9 | 7,75 |
| 5 | 7 | 8 | 6 | 8 | 7,25 |
| 6 | 6 | 8 | 6 | 8 | 7 |
| Jumlah | 42 | 50 | 39 | 51 | 45,5 |

**Perhitungan Uji Hedonik :**

1) Kenampakan

$\dot{x} = \frac{42}{6} = 7$

$S^2 = \frac{(8-7)^2}{6} + \frac{(7-7)^2}{6} + \frac{(7-7)^2}{6} + \frac{(7-7)^2}{6} + \frac{(7-7)^2}{6} + \frac{(6-7)^2}{6}$

$S^2 = \frac{2}{6} = 0,33$

$S = 0,57$

$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[7 - \left(\frac{1,96.0,57}{\sqrt{6}}\right)\right] \leq \mu \leq \left[7 + \left(\frac{1,96.0,57}{\sqrt{6}}\right)\right]$

$P\ 6,54 \leq \mu \leq 7,46$

Interval nilai sensori kenampakan jajanan cilok daging (sampel 3) adalah 6,54-7,46

Jadi nilai akhir kenampakan jajanan cilok daging (sampel 3) = 6,54 = 7 (Agak suka)

2) Bau

$\dot{x} = \frac{50}{6} = 8,33$

$S^2 = \frac{(8-8,33)^2}{6} + \frac{(9-8,333)^2}{6} + \frac{(9-8,33)^2}{6} + \frac{(8-8,33)^2}{6} + \frac{(8-8,33)^2}{6} + \frac{(8-8,33)^2}{6}$

$S^2 = \frac{1,34}{6} = 0,22$

$S = 0,47$

$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

P $[8,33 - (\frac{1,96.0,47}{\sqrt{6}})] \leq \mu \leq [8,33 + (\frac{1,96.0,47}{\sqrt{6}})]$

P $7,96 \leq \mu \leq 8,71$

Interval nilai sensori bau jajanan cilok daging (sampel 3) adalah 7,96-8,71

Jadi nilai akhir bau jajanan cilok daging (sampel 3) = 7,96 = 8 (Sangat suka)

3) Rasa

$\dot{x} = \frac{39}{6} = 6,5$

$S^2 = \frac{(7-6,5)^2}{6} + \frac{(7-6,5)^2}{6} + \frac{(6-6,5)^2}{6} + \frac{(7-6,5)^2}{6} + \frac{(6-6,5)^2}{6} + \frac{(6-6,5)^2}{6}$

$S^2 = \frac{1,5}{6} = 0,25$

$S = 0,5$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[6,5 - (\frac{1,96.0,5}{\sqrt{6}})] \leq \mu \leq [6,5 + (\frac{1,96.0,5}{\sqrt{6}})]$

P $6,10 \leq \mu \leq 6,90$

Interval nilai sensori rasa jajanan cilok daging (sampel 3) adalah 6,10-6,90

Jadi nilai akhir rasa jajanan cilok daging (sampel 3) = 6,10 = 6 (Agak suka)

4) Tekstur

$\dot{x} = \frac{51}{6} = 8,5$

$S^2 = \frac{(9-8,5)^2}{6} + \frac{(8-8,5)^2}{6} + \frac{(9-8,5)^2}{6} + \frac{(9-8,5)^2}{6} + \frac{(8-8,5)^2}{6} + \frac{(8-8,5)^2}{6}$

$S^2 = \frac{1,5}{6} = 0,25$

$S = 0,5$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[8,5 - (\frac{1,96.0,5}{\sqrt{6}})] \leq \mu \leq [8,5 + (\frac{1,96.0,5}{\sqrt{6}})]$

P $8,10 \leq \mu \leq 8,90$

Interval nilai sensori tekstur jajanan cilok daging (sampel 3) adalah 8,10-8,90

Jadi nilai akhir tekstur jajanan cilok daging (sampel 3) = 8,10 = 8 (Sangat suka)

**Perhitungan Uji Skor :**

$\dot{x} = \frac{45,5}{6} = 7,58$

$S^2 = \frac{(8-7,58)^2}{6} + \frac{(7,75-7,58)^2}{6} + \frac{(7,75-7,58)^2}{6} + \frac{(7,75-7,58)^2}{6} +$

$\frac{(7,25-7,58)^2}{6} + \frac{(7-7,58)^2}{6}$

$S^2 = \frac{0,72}{6} = 0,12$

$S = 0,35$

$P\left[\dot{x}-\left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[7,58 - \left(\frac{1,96.0,35}{\sqrt{6}}\right)\right] \leq \mu \leq \left[7,58 + \left(\frac{1,96.0,35}{\sqrt{6}}\right)\right]$

$P\ 7,30 \leq \mu \leq 7,86$

Interval nilai organoleptik jajanan cilok daging (sampel 3) adalah 7,03-7,86

Jadi nilai akhir organoleptik jajanan cilok daging (sampel 3) = 7,03 = 7 (Suka) ⟶ Kriteria :Baik

3. **Pemeriksaan III**

   a. **Sampel 1**

   | Panelis | Kenampakan | Bau | Rasa | Tekstur | ∑ Rata-rata |
   |---------|------------|-----|------|---------|-------------|
   | 1 | 5 | 5 | 6 | 5 | 5,25 |
   | 2 | 6 | 6 | 6 | 6 | 6 |
   | 3 | 6 | 6 | 6 | 5 | 5,75 |
   | 4 | 5 | 5 | 5 | 5 | 5 |
   | 5 | 5 | 6 | 6 | 6 | 5,75 |
   | 6 | 6 | 6 | 6 | 6 | 6 |
   | Jumlah | 33 | 34 | 35 | 33 | 33,75 |

   **Perhitungan  Uji Hedonik :**

   1) Kenampakan

   $\dot{x} = \frac{33}{6} = 5,5$

   $S^2 = \frac{(5-5,5)^2}{6} + \frac{(6-5,5)^2}{6} + \frac{(6-5,5)^2}{6} + \frac{(5-5,5)^2}{6} + \frac{(5-5,5)^2}{6} + \frac{(6-5,5)^2}{6}$

   $S^2 = \frac{1,65}{6} = 0,28$

   $S = 0,52$

   $P\left[\dot{x}-\left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

P $[5,5 - (\frac{1,96.0,52}{\sqrt{6}})] \leq \mu \leq [5,5 + (\frac{1,96.0,52}{\sqrt{6}})]$

P $5,08 \leq \mu \leq 5,92$

Interval nilai sensori kenampakan jajanan cilok daging (sampel 1) adalah 5,08-5,92

Jadi nilai akhir kenampakan jajanan cilok daging (sampel 1) = 5,08 = 5(Netral)

2) Bau

$\dot{x} = \frac{34}{6} = 5,67$

$S^2 = \frac{(6-5,17)^2}{6} + \frac{(5-5,17)^2}{6} + \frac{(6-5,17)^2}{6} + \frac{(4-5,17)^2}{6} + \frac{(5-5,17)^2}{6} + \frac{(5-5,17)^2}{6}$

$S^2 = \frac{1,34}{6} = 0,22$

S $= 0,47$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[5,67 - (\frac{1,96.0,47}{\sqrt{6}})] \leq \mu \leq [5,67 + (\frac{1,96.0,47}{\sqrt{6}})]$

P $5,29 \leq \mu \leq 6,04$

Interval nilai sensori bau jajanan ciok daging (sampel 1) adalah 5,29-6,04

Jadi nilai akhir bau jajanan cilok daging (sampel 1) = 5,29 = 5 (Netral)

3) Rasa

$\dot{x} = \frac{35}{6} = 5,83$

$S^2 = \frac{(6-5,83)^2}{6} + \frac{(6-5,83)^2}{6} + \frac{(6-5,83)^2}{6} + \frac{(5-5,83)^2}{6} + \frac{(6-5,83)^2}{6} +$

$\frac{(6-5,83)^2}{6}$

$S^2 = \frac{0,84}{6} = 0,14$

$S = 0,37$

$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \le \mu \le \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[5,83 - \left(\frac{1,96.0,37}{\sqrt{6}}\right)\right] \le \mu \le \left[5,83 + \left(\frac{1,96.0,37}{\sqrt{6}}\right)\right]$

$P\ 5,54 \le \mu \le 6,12$

Interval nilai sensori rasa jajanan cilok daging (sampel 1) adalah 5,54-6,12

Jadi nilai akhir rasa jajanan cilok daging (sampel 1) = 5,54 = 6 (Agak suka)

4) Tekstur

$\dot{x} = \frac{33}{6} = 5,5$

$S^2 = \frac{(5-5,5)^2}{6} + \frac{(6-5,5)^2}{6} + \frac{(5-5,5)^2}{6} + \frac{(5-5,57)^2}{6} + \frac{(6-5,5)^2}{6} + \frac{(5-5,5)^2}{6}$

$S^2 = \frac{0,65}{6} = 0,28$

$S = 0,52$

$P\left[\dot{x} - \left(\frac{1,96.s}{\sqrt{n}}\right)\right] \le \mu \le \left[\dot{x} + \left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[5,5 - \left(\frac{1,96.0,52}{\sqrt{6}}\right)\right] \le \mu \le \left[5,5 + \left(\frac{1,96.0,52}{\sqrt{6}}\right)\right]$

$P\ 5,08 \le \mu \le 5,94$

Interval nilai sensori tekstur jajanan cilok daging (sampel 1) adalah 5,08-5,94

Jadi nilai akhir tekstur jajanan cilok daging (sampel 1) = 5,08 = 5 (Netral)

**Perhitungan Uji Skor :**

$\dot{x} = \frac{33,75}{6} = 5,63$

$S^2 = \frac{(5,25-5,63)^2}{6} + \frac{(6-5,63)^2}{6} + \frac{(5,75-5,63)^2}{6} + \frac{(5-5,63)^2}{6} + \frac{(5,75-5,63)^2}{6} +$

$\frac{(6-5,63)^2}{6}$

$S^2 \quad = \frac{0,84}{6} = 0,14$

$S \quad = 0,37$

$P\left[\dot{x}-\left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1,96.s}{\sqrt{n}}\right)\right.$

$P\left[5,63 - \left(\frac{1,96.0,37}{\sqrt{6}}\right)\right] \leq \mu \leq \left[5,63 + \left(\frac{1,96.0,37}{\sqrt{6}}\right)\right]$

$P \; 5,33 \leq \mu \leq 5,93$

Interval nilai organoleptik jajanan cilok daging (sampel 1) adalah 5,33-5,93

Jadi nilai akhir organoleptik jajanan cilok daging (sampel 1) = 5,33 = 5 (Netral) ⟶ Kriteria : Tidak baik

b. **Sampel 2**

| Panelis | Kenampakan | Bau | Rasa | Tekstur | ∑ Rata-rata |
|---------|-----------|-----|------|---------|-------------|
| 1 | 8 | 7 | 8 | 6 | 7,25 |
| 2 | 7 | 8 | 8 | 7 | 7,5 |
| 3 | 6 | 7 | 8 | 6 | 6,75 |
| 4 | 7 | 8 | 7 | 7 | 7,25 |
| 5 | 6 | 7 | 8 | 6 | 6,75 |
| 6 | 6 | 7 | 7 | 6 | 6,5 |
| Jumlah | 40 | 44 | 46 | 38 | 42 |

**Perhitungan  Uji Hedonik :**

1) Kenampakan

$\dot{x} = \frac{40}{6} = 6,67$

$S^2 \quad = \quad \frac{(8-6,67)^2}{6} \quad + \quad \frac{(7-6,67)^2}{6} + \frac{(6-6,67)^2}{6} + \frac{(7-6,67)^2}{6} + \frac{(6-6,67)^2}{6} +$

$\qquad \frac{(6-6,67)^2}{6}$

$S^2 = \frac{3,34}{6} = 0,56$

$S \; = 0,75$

$P\left[\dot{x}-\left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[6,67 - \left(\frac{1,96.0,75}{\sqrt{6}}\right)\right] \leq \mu \leq \left[6,67 + \left(\frac{1,96.0,75}{\sqrt{6}}\right)\right]$

$P \; 6,07 \leq \mu \leq 7,27$

Interval nilai sensori kenampakan jajanan cilok aging (sampel 2) adalah 6,07-7,27

Jadi nilai akhir kenampakan jajanan cilok daging (sampel 2) = 6,07 = 6 (Agak suka)

2) Bau

$\dot{x} = \frac{44}{6} = 7,33$

$S^2 = \frac{(7-7,33)^2}{6} + \frac{(8-7,33)^2}{6} + \frac{(7-7,33)^2}{6} + \frac{(8-7,33)^2}{6} + \frac{(7-7,33)^2}{6} +$

$\frac{(7-7,33)^2}{6}$

$S^2 = \frac{1,34}{6} = 0,22$

$S = 0,47$

$P [\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

$P [7,33 - (\frac{1,96.0,47}{\sqrt{6}})] \leq \mu \leq [7,33 + (\frac{1,96.0,47}{\sqrt{6}})]$

$P \ 6,96 \leq \mu \leq 7,71$

Interval nilai sensori bau jajanan cilok daging (sampel 2) adalah 6,69-7,71

Jadi nilai akhir bau jajanan cilok daging (sampel 2) = 6,69 = 7

(Suka)

3) Rasa

$\dot{x} = \frac{46}{6} = 7,67$

$S^2 = \frac{(8-7,67)^2}{6} + \frac{(8-7,677)^2}{6} + \frac{(8-7,67)^2}{6} + \frac{(7-7,67)^2}{6} + \frac{(8-7,67)^2}{6} +$

$\frac{(7-7,67)^2}{6}$

$S^2 = \frac{1,34}{6} = 0,22$

$S = 0,47$

$P [\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

$P [7,67 - (\frac{1,96.0,47}{\sqrt{6}})] \leq \mu \leq [7,67 + (\frac{1,96.0,47}{\sqrt{6}})]$

$P \ 7,29 \leq \mu \leq 8,05$

Interval nilai sensori rasa jajanan cilok daging (sampel 2) adalah 7,29-8,05

Jadi nilai akhir rasa jajanan cilok daging (sampel 2) = 7,29 = 7

(Suka)

4) Tekstur

$\dot{x} = \frac{38}{6} = 6,33$

$S^2 = \frac{(6-6,33)^2}{6} + \frac{(7-6,33)^2}{6} + \frac{(6-6,33)^2}{6} + \frac{(7-6,33)^2}{6} + \frac{(6-6,33)^2}{6} +$

$\frac{(6-6,33)^2}{6}$

$S^2 = \frac{1,33}{6} = 0,22$

$S = 0,47$

$P\left[\dot{x}-\left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[6,33 - \left(\frac{1,96.0,47}{\sqrt{6}}\right)\right] \leq \mu \leq \left[6,33 + \left(\frac{1,96.0,47}{\sqrt{6}}\right)\right]$

$P\ 5,95 \leq \mu \leq 6,71$

Interval nilai sensori tekstur jajanan cilok daging (sampel 2) adalah 5,95-6,71

Jadi nilai akhir tekstur jajanan cilok daging (sampel 2) = 5,95 = 6 (Agak suka)

**Perhitungan Uji Skor :**

$\dot{x} = \frac{42}{6} = 7$

$S^2 = \frac{(7,25-7)^2}{6} + \frac{(7,5-7)^2}{6} + \frac{(6,75-7)^2}{6} + \frac{(7,25-7)^2}{6} + \frac{(6,75-7)^2}{6} +$

$\frac{(6,5-7)^2}{6}$

$S^2 = \frac{0,74}{6} = 0,12$

$S = 0,35$

$P\left[\dot{x}-\left(\frac{1,96.s}{\sqrt{n}}\right)\right] \leq \mu \leq \left[\dot{x}+\left(\frac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[7 - \left(\frac{1,96.0,35}{\sqrt{6}}\right)\right] \leq \mu \leq \left[7 + \left(\frac{1,96.0,35}{\sqrt{6}}\right)\right]$

$P\ 6,72 \leq \mu \leq 7,28$

Interval nilai organoleptik jajanan cilok daging (sampel 2) adalah 6,72-7,28

Jadi nilai akhir organoleptik jajanan cilok daging (sampel 2) = 6,72 = 7 (Suka) → Kriteria : Baik

c. **Sampel 3**

| Panelis | Kenampakan | Bau | Rasa | Tekstur | ∑ Rata-rata |
|---------|------------|-----|------|---------|-------------|
| 1 | 8 | 8 | 7 | 9 | 8 |
| 2 | 8 | 7 | 6 | 8 | 7,25 |
| 3 | 7 | 8 | 7 | 9 | 7,75 |
| 4 | 7 | 7 | 7 | 8 | 7,25 |
| 5 | 7 | 6 | 6 | 8 | 6,75 |
| 6 | 7 | 7 | 6 | 8 | 7 |
| Jumlah | 44 | 43 | 39 | 50 | 44 |

**Perhitungan Uji Hedonik :**

1) Kenampakan

$\dot{x} = \dfrac{44}{6} = 7,33$

$S^2 = \dfrac{(8-7,33)^2}{6} + \dfrac{(8-7,33)^2}{6} + \dfrac{(7-7,33)^2}{6} + \dfrac{(7-7,33)^2}{6} + \dfrac{(7-7,33)^2}{6} + \dfrac{(7-7,33)^2}{6}$

$S^2 = \dfrac{1,34}{6} = 0,22$

$S = 0,47$

$P\left[\dot{x}-\left(\dfrac{1,96.s}{\sqrt{n}}\right)\right] \le \mu \le \left[\dot{x}+\left(\dfrac{1,96.s}{\sqrt{n}}\right)\right]$

$P\left[7,33 - \left(\dfrac{1,96.0,47}{\sqrt{6}}\right)\right] \le \mu \le \left[7,33 + \left(\dfrac{1,96.0,47}{\sqrt{6}}\right)\right]$

$P\ 5,95 \le \mu \le 6,71$

Interval nilai sensori kenampakan jajanan cilok daging (sampel 3) adalah 5,95-6,71

Jadi nilai akhir kenampakan jajanan cilok daging (sampel 3) = 5,95 = 6 (Agak suka)

2) Bau

$\dot{x} = \dfrac{43}{6} = 7,17$

$S^2 = \dfrac{(8-7,17)^2}{6} + \dfrac{(7-7,17)^2}{6} + \dfrac{(8-7,17)^2}{6} + \dfrac{(7-7,17)^2}{6} + \dfrac{(6-7,17)^2}{6} + \dfrac{(7-7,17)^2}{6}$

$S^2 = \dfrac{2,84}{6} = 0,47$

$S = 0,68$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[7,17 - (\frac{1,96.0,68}{\sqrt{6}})] \leq \mu \leq [7,17 + (\frac{1,96.0,68}{\sqrt{6}})]$

P $6,63 \leq \mu \leq 7,71$

Interval nilai sensori bau jajanan cilok daging (sampel 3) adalah 6,63-7,71

Jadi nilai akhir bau jajanan cilok daging (sampel 3) = 6,63 = 7 (Suka)

3) Rasa

$\dot{x} = \frac{39}{6} = 6,5$

$S^2 = \frac{(7-6,5)^2}{6} + \frac{(6-6,5)^2}{6} + \frac{(7-6,5)^2}{6} + \frac{(7-6,5)^2}{6} + \frac{(6-6,5)^2}{6} + \frac{(6-6,5)^2}{6}$

$S^2 = \frac{1,5}{6} = 0,25$

$S = 0,5$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[6,5 - (\frac{1,96.0,5}{\sqrt{6}})] \leq \mu \leq [6,5 + (\frac{1,96.0,5}{\sqrt{6}})]$

P $6,10 \leq \mu \leq 6,91$

Interval nilai sensori rasa jajanan cilok daging (sampel 3) adalah 6,10-6,91

Jadi nilai akhir rasa jajanan cilok daging (sampel 3) = 6,10 = 6 (Agak suka)

4) Tekstur

$\dot{x} = \frac{50}{6} = 8,33$

$S^2 = \frac{(9-8,33)^2}{6} + \frac{(8-8,33)^2}{6} + \frac{(8-8,33)^2}{6} + \frac{(8-8,33)^2}{6} + \frac{(8-8,33)^2}{6} + \frac{(8-8,33)^2}{6}$

$S^2 = \frac{1,34}{6} = 0,22$

$S = 0,47$

P $[\dot{x} - (\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x} + (\frac{1,96.s}{\sqrt{n}})]$

P $[8,33 - (\frac{1,96.0,47}{\sqrt{6}})] \leq \mu \leq [8,33 + (\frac{1,96.0,47}{\sqrt{6}})]$

P $7,96 \leq \mu \leq 8,71$

Interval nilai sensori tekstur jajanan cilok daging (sampel 3) adalah 7,96-8,71

Jadi nilai akhir tekstur jajanan cilok daging (sampel 3) = 7,96 = 8 (Sangat suka)

**Perhitungan Uji Skor :**

$\dot{x} = \frac{44}{6} = 7,33$

$S^2 = \frac{(8-7,33)^2}{6} + \frac{(7,25-7,33)^2}{6} + \frac{(7,75-7,33)^2}{6} + \frac{(7,25-7,33)^2}{6} +$

$\frac{(6,75-7,33)^2}{6} + \frac{(7-7,33)^2}{6}$

$S^2 = \frac{1,1}{6} = 0,18$

$S = 0,42$

$P [\dot{x}-(\frac{1,96.s}{\sqrt{n}})] \leq \mu \leq [\dot{x}+(\frac{1,96.s}{\sqrt{n}})]$

$P [7,33 - (\frac{1,96.0,42}{\sqrt{6}})] \leq \mu \leq [7,33 + (\frac{1,96.0,42}{\sqrt{6}})]$

$P\ 6,99 \leq \mu \leq 7,67$

Interval nilai organoleptik jajanan cilok daging (sampel 3) adalah 6,99-7,67

Jadi nilai akhir organoleptik jajanan cilok daging (sampel 3) = 6,99 = 7 (Suka) ⟶ Kriteria : Baik