

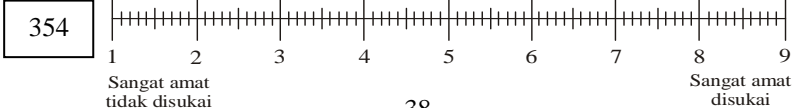
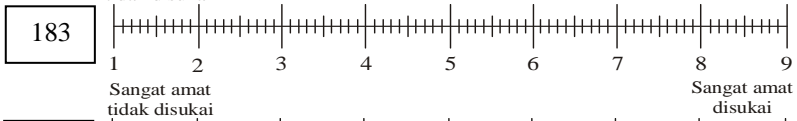
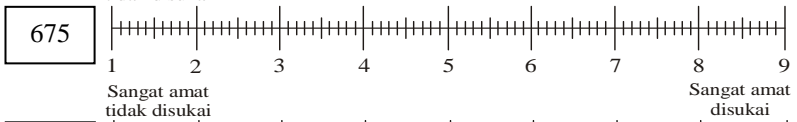
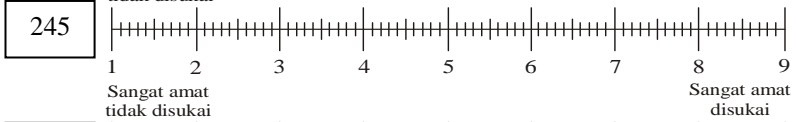
# LAMPIRAN 1. KUESIONER PENGUJIAN ORGANOLEPTIK

## KUESIONER

Nama :  
Tanggal :  
Produk : *Wine Nenas*  
Pengujian : Kesukaan terhadap Warna

Di hadapan saudara disajikan 7 sampel *wine nenas*, saudara diminta untuk memberikan nilai berdasarkan kesukaan saudara terhadap warna sampel tersebut. Skala nilai 1-9 menunjukkan parameter kesukaan dengan keterangan sebagai berikut:

- |                            |                      |
|----------------------------|----------------------|
| 1 = sangat amat tidak suka | 6 = agak suka        |
| 2 = sangat tidak suka      | 7 = suka             |
| 3 = tidak suka             | 8 = sangat suka      |
| 4 = agak tidak suka        | 9 = sangat amat suka |
| 5 = netral                 |                      |

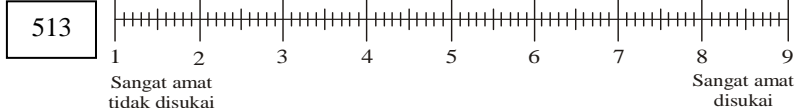
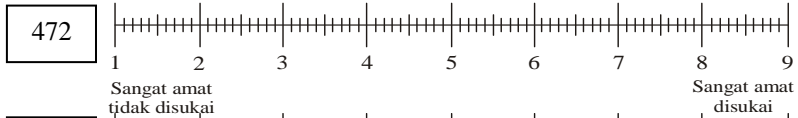
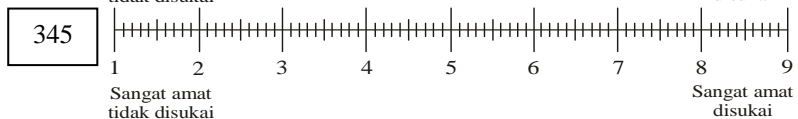
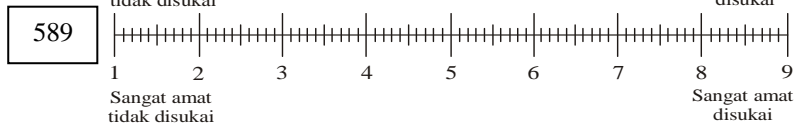
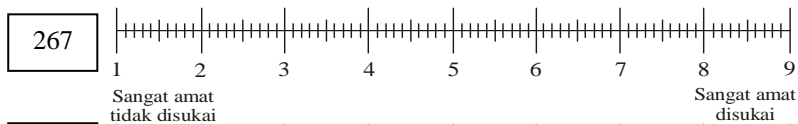


## KUESIONER

Nama :  
 Tanggal :  
 Produk : *Wine* Nenas  
 Pengujian : Kesukaan terhadap Aroma

Di hadapan saudara disajikan 7 sampel *wine* nenas, saudara diminta untuk memberikan nilai berdasarkan kesukaan saudara terhadap aroma sampel tersebut. Skala nilai 1-9 menunjukkan parameter kesukaan dengan keterangan sebagai berikut:

- |                            |                      |
|----------------------------|----------------------|
| 1 = sangat amat tidak suka | 6 = agak suka        |
| 2 = sangat tidak suka      | 7 = suka             |
| 3 = tidak suka             | 8 = sangat suka      |
| 4 = agak tidak suka        | 9 = sangat amat suka |
| 5 = netral                 |                      |



## KUESIONER

Nama :  
 Tanggal :  
 Produk : *Wine* Nenas  
 Pengujian : Kesukaan terhadap rasa

Di hadapan saudara disajikan 7 sampel *wine* nenas, saudara diminta untuk memberikan nilai berdasarkan kesukaan saudara terhadap rasa sampel tersebut. Skala nilai 1-9 menunjukkan parameter kesukaan dengan keterangan sebagai berikut:

- |                            |                      |
|----------------------------|----------------------|
| 1 = sangat amat tidak suka | 6 = agak suka        |
| 2 = sangat tidak suka      | 7 = suka             |
| 3 = tidak suka             | 8 = sangat suka      |
| 4 = agak tidak suka        | 9 = sangat amat suka |
| 5 = netral                 |                      |

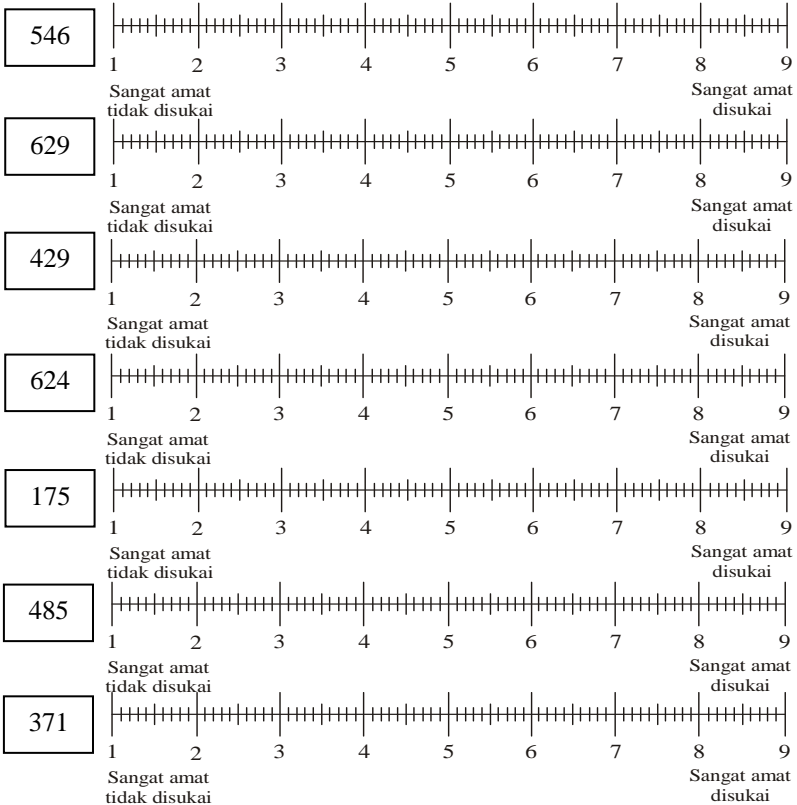
571	<div style="display: flex; justify-content: space-between; margin: 0;"> <span>1</span><span>2</span><span>3</span><span>4</span><span>5</span><span>6</span><span>7</span><span>8</span><span>9</span> </div> <div style="display: flex; justify-content: space-between; margin: 5px 0;"> <span>Sangat amat tidak disukai</span><span>Sangat amat disukai</span> </div>
142	<div style="display: flex; justify-content: space-between; margin: 0;"> <span>1</span><span>2</span><span>3</span><span>4</span><span>5</span><span>6</span><span>7</span><span>8</span><span>9</span> </div> <div style="display: flex; justify-content: space-between; margin: 5px 0;"> <span>Sangat amat tidak disukai</span><span>Sangat amat disukai</span> </div>
194	<div style="display: flex; justify-content: space-between; margin: 0;"> <span>1</span><span>2</span><span>3</span><span>4</span><span>5</span><span>6</span><span>7</span><span>8</span><span>9</span> </div> <div style="display: flex; justify-content: space-between; margin: 5px 0;"> <span>Sangat amat tidak disukai</span><span>Sangat amat disukai</span> </div>
756	<div style="display: flex; justify-content: space-between; margin: 0;"> <span>1</span><span>2</span><span>3</span><span>4</span><span>5</span><span>6</span><span>7</span><span>8</span><span>9</span> </div> <div style="display: flex; justify-content: space-between; margin: 5px 0;"> <span>Sangat amat tidak disukai</span><span>Sangat amat disukai</span> </div>
631	<div style="display: flex; justify-content: space-between; margin: 0;"> <span>1</span><span>2</span><span>3</span><span>4</span><span>5</span><span>6</span><span>7</span><span>8</span><span>9</span> </div> <div style="display: flex; justify-content: space-between; margin: 5px 0;"> <span>Sangat amat tidak disukai</span><span>Sangat amat disukai</span> </div>
061	<div style="display: flex; justify-content: space-between; margin: 0;"> <span>1</span><span>2</span><span>3</span><span>4</span><span>5</span><span>6</span><span>7</span><span>8</span><span>9</span> </div> <div style="display: flex; justify-content: space-between; margin: 5px 0;"> <span>Sangat amat tidak disukai</span><span>Sangat amat disukai</span> </div>
628	<div style="display: flex; justify-content: space-between; margin: 0;"> <span>1</span><span>2</span><span>3</span><span>4</span><span>5</span><span>6</span><span>7</span><span>8</span><span>9</span> </div> <div style="display: flex; justify-content: space-between; margin: 5px 0;"> <span>Sangat amat tidak disukai</span><span>Sangat amat disukai</span> </div>

### KUESIONER

Nama :  
Tanggal :  
Produk : *Wine* Nenas  
Pengujian : Kesukaan terhadap Kejernihan

Di hadapan saudara disajikan 7 sampel *wine* nenas, saudara diminta untuk memberikan nilai berdasarkan kesukaan saudara terhadap kejernihan sampel tersebut. Skala nilai 1-9 menunjukkan parameter kesukaan dengan keterangan sebagai berikut:

- 1 = sangat amat tidak suka
- 2 = sangat tidak suka
- 3 = tidak suka
- 4 = agak tidak suka
- 5 = netral
- 6 = agak suka
- 7 = suka
- 8 = sangat suka
- 9 = sangat amat suka



**LAMPIRAN 2**  
**ANOVA HASIL UJI ORGANOLEPTIK**

**A. Warna**

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
1	4	5.5	5.3	6	4.3	5.4	5
2	3.3	5.5	5.3	6.3	3.3	7.2	6.3
3	3	7	5	6	5	5	6
4	2	7	7	8	3	6	5
5	2	6	6	3	4	5	7
6	1	5	6	8	4	9	7
7	2	5	6	4	3	6	6
8	3.8	4.7	6.5	7.8	5.5	7.1	8.1
9	3.9	3.5	5.2	3	5.5	6	4.5
10	6.8	5.7	5.2	7.3	5	4.7	6.3
11	2.5	3.5	6	8	3.5	7.5	7.1
12	2	5	7	5	4	6	4
13	5	6	4	6	5	7	6
14	3	4	7	6	4	7	3
15	2	6.5	6	4	7	8	9
16	1.5	7	8.5	7.4	7.6	9	7.2
17	3	7	4	8	4	4	6
18	2	6	7	8	5	7.5	6.5
19	2.5	6.2	7.5	8.5	5.2	7.2	6.5
20	3	6	4	2	4	4	4
21	1.3	5	5	5	5	5.5	5.6
22	4.5	5	7	8	5	6.5	8.5
23	6	7	6	7	7	9	7
24	3	8	3.5	4	5	4	7
25	4.5	6.5	5.2	5.8	6	6.2	6.5
26	4.5	7.5	5.7	6	6	7	8
27	5.3	8	5.9	7	6.2	7.5	6.7
28	2	7	4.5	5	3.5	7	8
29	3.5	5	6.9	6.7	4	7.1	7
30	3	7	7	8	6	9	8

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
31	6	6	6	6	5	7	6
32	5	8	5	8	3	7	9
33	1	8	5	7	7	6	3
34	5	7.5	1	4.5	7	5.5	8
35	5	6.5	4	3.5	5.5	7.5	7
36	6.5	5.2	5.2	5.3	4.8	5.9	5.1
37	5	5	4	6	7	5	5
38	2.5	6	5.3	5	3.5	5.5	7
39	4	6	4	4	6	6	7
40	6.5	6	6	4.5	7	5	8
41	7	3	6	5	8	4	3.5
42	1.5	3.5	6	6.5	1	4.5	8
43	6.5	8	5.5	8.8	6.7	7.7	8.5
44	2	5	7	5	6	4	5
45	5.5	7	4	5	6	4.5	7.5
46	3	6	4	3	3	5	7
47	2.5	7.5	4.5	8	3.5	6	9
48	3.5	7.5	7	4	6	5	8.5
49	4	6.5	5	6	3.5	6	7
50	5	8	6	7.5	5	7	9
51	7	7	5.5	5.5	4.5	7	7.5
52	5	6.5	5.5	7	6	7	7.5
53	5	7	7	8	6	5	8
54	7	6.5	7.5	8.5	5	8	7.5
55	3.5	4	5.5	5	3	5.5	6
56	6	7	6	7	5.5	6	8.5
57	8	7	7.5	6.5	7.7	8.5	9
58	5.1	6.8	5.2	5.9	6.1	6.1	6.9
59	5	5	7	5	4	6	6
60	5	7	4	4	4	6	8
61	2	1	7	1.5	8	2	9
62	6	6.5	3.5	7	4	6.5	7
63	2	8	4	5	3	6	7
64	5	3	8	4	4	5.5	7

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
65	8	8	8	8	8	7.5	8
66	4	5	5	6	4	5	6
67	4	6.3	6.6	5.7	6	7	7
68	3.5	8.5	7	6.5	3	8	9
69	5.5	6.7	8	6.5	4	6	7
70	3.3	5.2	5.5	7.3	8.9	4.3	6.3
71	5	7.5	6	8	6	7.5	9
72	5	7	6	4	5	4	3
73	6	5	7	6	7	6.5	4
74	4	6.5	5.3	5.7	4.5	6	7
75	7.5	6	6	7	3	5.5	5
76	2	6	7	5	1.1	6	5
77	5	8	6	7	5	7	7
78	7	2	9	8	6	4	5
79	5.5	6.3	7.5	8.1	5.3	8	7.7
80	6	3	5	4	7	4	4
81	6	8	5	8.9	4	8.2	8.5
82	3	6	4	6	4	6.2	7
83	3	6	2.5	6.5	2.5	6.3	7
84	4.3	7.2	4.7	6.8	4.8	7.8	8.5
85	4.6	5.2	5.6	4.6	4.8	5.5	5.4
86	4	6	4.5	8.5	4	8	8.5
87	3	7	4	9	1	8	5
88	3.3	6.2	3.8	6.5	3	7.2	6.8
89	3.7	3.2	4.8	7	4	6.5	6.8
90	5.4	7.6	5	7.4	3.5	7.1	8.7
91	4.5	6.5	8	7.9	5	7	8.5
92	2	1.5	7	6.5	4.5	8	3.5
93	5	6.5	6.4	6.8	4.5	5.5	7.6
94	5.5	5	5	7	5.4	7.2	7.8
95	6	5.5	5.5	7.5	5	8	6
96	6	6	6.5	7.3	4.4	6	7
97	6.3	4	6	7.7	4.5	7.4	7.5
98	5.5	4.5	7	6.8	5.5	6.5	6.5

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
99	5	5	5,8	8	6	7	7
100	7	6	5,6	7,3	4,5	6	7,5
<b>Total</b>	428.9	596.5	570.5	624.1	489.6	632.3	676.9
<b>Rata-rata</b>	4,289	5,965	5,705	6,241	4,896	6,323	6,769

### Warna

Skor	T1 *	T2 *	T3 *	T4 *	T5 *	T6 *	T7 *
1	2	1	1	-	2	-	-
1,1	-	-	-	-	1	-	-
1,3	1	-	-	-	-	-	-
1,5	2	1	-	1	-	-	-
2	12	1	-	1	-	1	-
2,5	4	-	1	-	1	-	-
3	10	3	-	3	9	-	3
3,2	-	1	-	-	-	-	-
3,3	3	-	-	-	1	-	-
3,5	4	3	2	1	6	-	2
3,7	1	-	-	-	-	-	-
3,8	1	-	1	-	-	-	-
3,9	1	-	-	-	-	-	-
4	7	3	12	9	17	8	4
4,3	1	-	-	-	1	1	-
4,4	-	-	-	-	1	-	-
4,5	4	1	3	2	6	2	1
4,6	1	-	-	1	-	-	-
4,7	-	1	1	-	-	1	-
4,8	-	-	1	-	3	-	-
5	16	13	10	11	14	8	8
5,1	1	-	-	-	-	-	1
5,2	-	3	5	-	1	-	-
5,3	1	-	4	1	1	-	-
5,4	1	-	-	-	1	1	1



<b>Skor</b>	<b>T1 *</b>	<b>T2 *</b>	<b>T3 *</b>	<b>T4 *</b>	<b>T5 *</b>	<b>T6 *</b>	<b>T7 *</b>
5,5	5	3	6	1	5	8	-
5,6	-	-	2	-	-	-	1
5,7	-	1	1	2	-	-	-
5,8	-	-	1	1	-	-	-
5,9	-	-	1	1	-	1	-
6	9	16	17	11	13	17	9
6,1	-	-	-	-	1	1	-
6,2	-	2	-	-	1	2	-
6,3	1	2	-	1	-	1	3
6,4	-	-	1	-	-	-	-
6,5	3	10	2	7	-	5	4
6,6	-	-	1	-	-	-	-
6,7	-	1	-	1	1	-	1
6,8	1	1	-	3	-	-	2
6,9	-	-	1	-	-	-	1
7	5	15	16	10	8	13	21
7,1	-	-	-	-	-	3	1
7,2	-	1	-	-	-	4	1
7,3	-	-	-	4	-	-	-
7,4	-	-	-	2	-	1	-
7,5	1	5	4	2	-	6	6
7,6	-	1	-	-	1	-	1
7,7	-	-	-	1	1	1	1
7,8	-	-	-	1	-	1	1
7,9	-	-	-	1	-	-	-
8	2	10	4	14	3	8	9
8,1	-	-	-	1	-	-	1
8,2	-	-	-	-	-	1	-
8,5	-	1	1	3	-	1	8
8,7	-	-	-	-	-	-	1
8,8	-	-	-	1	-	-	-
8,9	-	-	-	1	1	-	-

Skor	T1 *	T2 *	T3 *	T4 *	T5 *	T6 *	T7 *
9	-	-	1	1	-	4	8

Keterangan: \*) Lama pemeraman (bulan)

### ANOVA

Source of Variation	SS	df	MS	F	F crit
Between Groups	451.9309	6	75.32181	32.65143	2.111645
Within Groups	1598.644	693	2.306846		
Total	2050.575	699			

Kesimpulan:  $F_{hitung} > F_{tabel}$  ( $\alpha = 0,05$ ), maka ada pengaruh perbedaan lama pemeraman terhadap tingkat kesukaan konsumen pada warna *wine* yang dihasilkan.

Perlakuan	Rata-rata	Notasi *
T1 (1 bulan)	4,289	a
T5 (5 bulan)	4,896	b
T3 (3 bulan)	5,705	c
T2 (2 bulan)	5,965	cd
T4 (4 bulan)	6,241	d
T6 (6 bulan)	6,323	d
T7 (7 bulan)	6,769	e

Keterangan: \*) Huruf yang berbeda menunjukkan ada beda nyata antar perlakuan pada  $\alpha = 0,05$

**B. Aroma**

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
1	5.5	5	5.8	6	6.5	5.2	4.5
2	7.3	6.2	6.7	6.3	6.7	4.6	7.2
3	5	7	7	6	5	6	4
4	5	2	3	3	5	8	8
5	4	6	6.5	6	7	6	4
6	3	9	6	9	7	1	7
7	6.4	7	6.2	6	5.3	1.7	2
8	7.2	6.5	6.9	5.3	7.9	5.6	7.6
9	5	3.5	5.5	4	4.5	6.5	4
10	5.8	4.6	6.5	8.3	7	5.8	4.5
11	7	4.5	7	6.5	7.5	4.3	7
12	3	2	8	4	9	7	6
13	5	6	3	3	6	7	6
14	5	4	4	6	6	3	3
15	7	8	3	4	9	5	6
16	7	5.5	8	7.3	7.6	5.6	3.5
17	8	5	7	6	7	6	7
18	5	6	3.5	7	2	3	3
19	5.3	6.5	4.2	7.6	2.3	3.2	3.3
20	6	4	3	6	4	5	3
21	4	6.5	3	8.5	9	2	4.5
22	7	7.5	7	5.5	6.5	8	8
23	7	7	7	8	8	7	8
24	5	5.5	6.5	5.5	5.5	5	5.5
25	5.5	5	6	4.7	6.5	6	5.3
26	6.5	7	7.8	5.5	5.5	6	8
27	6.7	7	6.6	6.4	6	7.4	4.7
28	5	2	8	6.5	3	6	4
29	3.5	3	6.3	5.8	5.7	6	5.5
30	2	5	8.5	7	7	9	8
31	5	6	5	6	4	6	3
32	7	6	9	6	5	1	3
33	4	2	8	9	8	7	2

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
34	5	4	3	5.5	7	7.5	4
35	7	4.5	5	6.5	3	6.5	4.5
36	6.3	5.6	6	6	5.6	5	4.8
37	3	6	3	7	6	6	3
38	4	6	6.6	6.5	2	7	8
39	5	6	6	4	7	6	7
40	6	3	7	3	5.5	2	4
41	6	2.5	5	3	5.5	4	3.5
42	4	3	6	1.5	8	7	2
43	6.7	7	5	7.6	8.8	5	6
44	3	2	3	8	7	7	7
45	4.5	7	8.5	5	7	6.5	9
46	4	5	5	4	2	4	7
47	7.8	8	7.5	6	8.7	7	7.5
48	8	7	7.5	6	4	3.5	3
49	4.5	4.5	6	4	5	4	5
50	5.5	4.5	6	5	7	4	4
51	4	5.5	5	6	5.5	4.5	5
52	6	7	6	4.5	5.5	5	3
53	7	6	8	7.5	6	7	8
54	7	7	6.5	8	8	7.5	7.5
55	6.5	6	4.5	5	4	1.5	2
56	8	6	7.5	7	8	7.5	8.5
57	7	8	7.5	8.5	7.3	8.5	8.3
58	6.4	4.8	6.7	7.9	5.9	7.2	4.8
59	5	7	7	7	6	6	6
60	7	6	6	6	4	6	7
61	9	8	7	1.5	8	1	9
62	8	8	7	7.5	5	4	7.5
63	7	5	8	7	6	6	2
64	7	3	4	4.5	5.2	8	4
65	8	8	8.5	8	8	8	7.5
66	5	4	6	4	5	5	6
67	6.5	6	6.2	7	7.2	4.5	5.7

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
68	7.5	7	7.5	4.5	8.5	5	4
69	3.5	4	6	5.5	6	3	7
70	8.8	5.4	7.5	4.2	2.5	7.6	7.7
71	9	6.5	8	6	7	6	8
72	5.5	5	7	8	6	3	3
73	7	5	7	7	7.5	7.5	6
74	6	6.3	4	4.8	4.5	4.9	5
75	3.5	5	5.5	8	5	6	2.5
76	4	6	5	3	5	4	6
77	6	7	6	5	6	6	7
78	7	6	8	3	9	5	4
79	5.8	4.9	7.5	4	7.2	6.9	7
80	5	5	5	4	4	6	7
81	5	8.9	8.2	8	6	8.8	8.5
82	4	3	5	4.9	6	3	5
83	5.5	4	5.6	5.5	6.5	6.5	6
84	8.2	3.2	5.2	7.6	6.6	7	3.2
85	5.3	5.3	5.7	5.6	4.6	4.5	4.8
86	6.5	7	8	7.5	5.5	7.5	4.5
87	4	7	4.5	8	5	9	9
88	2	6.6	4.2	3.5	6.5	3	4
89	6	5	5	6	4.5	5.7	6.5
90	4.3	7.4	6	4.8	7.5	2.6	2.7
91	6.5	7	6	4	7	3	4
92	5.5	4	3.5	4.5	8	6	7
93	5.3	4.3	5.5	5	6.3	6.3	7
94	5.5	5	5.3	5.6	6	7	6.5
95	4.8	4.5	5	4.4	6.5	6.5	6
96	5	3.5	4.5	6.5	7	6.3	7.3
97	6.5	4.3	5	6	6.6	7.5	7.5
98	6	4	5.3	4.8	5	4	7
99	5.8	4.6	4.3	5	6.5	7.5	6
100	5.6	5.3	6	5.5	6	6	6.5

Panelis	Perlakuan						
	T1 (1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
<b>Total</b>	571.3	545.77	598.8	576.9	607.5	553.7	554.4
<b>Rata-rata</b>	5,713	5,4577	5,988	5,769	6,075	5,537	5,544

### Aroma

Skor	T1 *	T2 *	T3 *	T4 *	T5 *	T6 *	T7 *
1	-	-	-	-	-	3	-
1,5	-	-	-	2	-	1	-
1,7	-	-	-	-	-	1	-
2	2	5	-	-	3	2	5
2,3	-	-	-	-	1	-	-
2,5	-	1	-	-	1	-	1
2,6	-	-	-	-	-	1	-
2,7	-	-	-	-	-	-	1
3	4	5	8	6	2	7	9
3,2	-	1	-	-	-	1	1
3,3	-	-	-	-	-	-	1
3,5	3	2	2	1	-	1	2
4	10	8	3	10	6	7	12
4,2	-	-	2	1	-	-	-
4,3	1	2	1	-	-	1	-
4,4	-	-	-	1	-	-	-
4,5	2	5	3	4	3	3	5
4,6	-	2	-	-	1	1	-
4,7	-	-	-	1	-	-	1
4,8	1	1	-	3	-	-	3
4,9	-	1	-	1	-	1	-
5	16	12	12	6	10	9	4
5,2	-	-	1	-	1	1	-
5,3	3	2	2	1	1	-	1
5,4	-	1	-	-	-	-	-
5,5	7	3	3	7	7	-	2
5,6	1	1	1	2	1	2	-

<b>Skor</b>	<b>T1 *</b>	<b>T2 *</b>	<b>T3 *</b>	<b>T4 *</b>	<b>T5 *</b>	<b>T6 *</b>	<b>T7 *</b>
5,7	-	-	1	-	1	1	1
5,8	3	-	1	1	-	1	-
5,9	-	-	-	-	1	-	-
6	8	15	15	17	14	20	11
6,2	-	1	2	-	-	-	-
6,3	1	1	1	1	1	2	-
6,4	2	-	-	1	-	-	-
6,5	6	4	4	5	7	5	3
6,6	-	1	2	-	2	-	-
6,7	2	-	2	-	1	-	-
6,9	-	-	1	-	-	1	-
7	15	16	11	8	13	11	14
7,2	1	-	-	-	2	1	1
7,3	1	-	-	1	1	-	1
7,4	-	1	-	-	-	1	-
7,5	1	1	7	3	3	7	5
7,6	-	-	-	3	1	1	1
7,7	-	-	-	-	-	-	1
7,8	1	-	1	-	-	-	-
7,9	-	-	-	1	1	-	-
8	5	6	9	8	8	4	8
8,2	1	-	1	-	-	-	-
8,3	-	-	-	1	-	-	1
8,5	-	-	3	2	1	1	2
8,7	-	-	-	-	1	-	-
8,8	1	-	-	-	1	1	-
8,9	-	1	-	-	-	-	-
9	2	1	1	2	4	2	3

Keterangan: \*) Lama pemeraman (bulan)

ANOVA					
<i>Source of Variation</i>	<i>SS</i>	<i>Df</i>	<i>MS</i>	<i>F</i>	<i>F crit</i>
Between Groups	33.32925	6	5.554875	1.966779	2.111645
Within Groups	1957.276	693	2.824351		
Total	1990.605	699			

Kesimpulan:  $F_{hitung} < F_{tabel}$  ( $\alpha = 0,05$ ), maka tidak ada pengaruh perbedaan lama pemeraman terhadap tingkat kesukaan konsumen pada aroma *wine* yang dihasilkan.



### C. Kejernihan

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
1	3.5	3	5	5.7	5.6	5.5	6
2	6.3	4.3	6.2	5.6	6.2	3.8	6.6
3	3	4	5	4	6	5	5
4	4	6	7	8	3	4	3
5	2	5	7	4	3	7	8
6	1	7	8	6	7	4	3
7	3	6	4	3	6	7	5
8	3.5	6	5.2	6.6	4.7	7.5	8.2
9	1	2	4.5	6	4.8	4	5.5
10	7.5	5.2	7	7	5	7	6
11	2	2	6	4	4	7	8
12	2	4	5	7	6	5	9
13	5	6	5	5	6	7	4
14	7	6	4	6	6	6	7
15	2	3	7	8.5	6	6.5	8
16	8.5	7.4	9	7.6	7.2	7	1.3
17	3	4	5	4	8	7	7
18	3	3.5	4	5.5	5	4.5	9
19	2.5	2	2.5	8.8	7.5	7.1	8.6
20	3	2	5	5	4	6	2
21	1	3	3	5	5	4	4
22	4	5.5	5	3.5	6.5	4.5	8
23	6	7	6	8	7	7	7
24	3	3.5	4	5	5.5	5	5
25	6	5.5	5.7	4.8	6.5	5.4	6.2
26	6	5	6.5	7	5.5	7.5	8
27	5	6.5	6.2	7.1	6.8	7.6	8
28	2	3	5.5	9	5	7	8
29	7	6.5	6.8	4.2	7.3	5.3	4
30	2	5	4.5	7.5	8	9	7.5
31	3	3	4	6	6	4	6
32	3	3	5	5	9	6	8
33	1	3	4	1	5	2	9

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
34	1.2	2.3	2.5	2	1.5	1.9	8
35	5	4	6.5	3.5	6.8	5.5	7
36	5.3	4.7	5.3	5	5.3	5.8	6.7
37	3	6	3	6	5	5	4
38	4.5	4.2	5	5.5	7	6	8
39	7	6	4	6	4	6	7
40	7.5	6	5	3	9	7	8
41	2	1.5	3	4	6	5	7
42	5	6.6	4.3	8.2	5	2	9
43	6.5	4.6	6.8	7.2	7.8	8	7.5
44	7	5	5	5	5	5	7
45	4	3	6.5	7	6	8	9
46	3	3	4	3	6	5	7
47	4	7.5	5	7.2	6.5	6	9
48	4.5	3	6.5	6	8	7	8.5
49	4	3.5	5	5	6	5.5	7
50	6	5.5	7.5	8	8.5	7	9
51	5.5	5.5	7	4.5	7.5	7	7
52	5	4.5	5	5.5	4.5	6	7
53	5	4	6.5	7.5	7.5	7.3	8
54	6	5.5	6.5	7.5	8	7.8	8.5
55	3.5	4	6	6	8	6.5	8.5
56	6	5.5	6	7	7	6	8.5
57	7	6.5	8.5	6	6	8	8.7
58	7.3	6.7	5.6	6.8	6.4	6.9	5.8
59	6	7	7	6	6	6	5
60	4	2	3	4	6	6	8
61	1	8	7	3	2	1	9
62	3	2	5.5	3.5	6	7	8.5
63	2	1	7	8	5	6	3
64	4	3	5.5	4	6.5	7	8.5
65	8	8	8	8	8	8	8
66	4	4	5	5	7	6	6
67	6	5.5	7	6.2	6.8	6.7	7.2

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
68	4.5	8	7	3	9	5	6.5
69	5.9	5.5	4.7	4.5	4.1	4.9	3.8
70	8.4	5.5	5.7	2.3	4.5	7.3	2.5
71	4.5	5	5	8.5	7	7	9
72	7.5	7	6.5	3	4.5	3.5	5.5
73	5	6	6.5	7	6	5	5
74	6	4	5.5	6.3	7	6.7	6.5
75	6.5	5	4	4	7	6.5	6
76	7	5	2	2	7	6	4
77	4	4	5	8	6	7	7
78	2	3	5	7	4	8	9
79	4.5	4	5.7	7	7.5	7.3	8
80	6	6	6	3	4	5	4
81	4	5	7	8.5	8	8	8.9
82	5	5	3.3	5.3	6.5	4	8.1
83	2.5	2	2.5	6	5.5	3.5	7
84	4.3	3.6	3.3	8.2	6.4	6.4	8.8
85	4	5.5	4.7	4.6	4.5	5	5.4
86	5	4	4.5	8.5	7	8	8
87	1	3	5	8	7	8	7.5
88	3.8	3.5	5.3	6	6.3	7	6.7
89	4	4	5.7	6	2.5	6.5	7
90	5.3	3.9	6.2	6.4	6.7	6.4	8.6
91	5.5	5	6.5	6	8.5	7	7
92	3.1	3	7	6	1.5	8	6.5
93	4.5	6	4.7	6.3	5.5	6	8.8
94	5.3	5.5	4.3	8	4	5.5	7
95	4.3	4.2	5	7	6	7.5	7.7
96	5	4	5	5	4.5	7	7.5
97	5.5	3.5	6.5	7.5	4.3	6.6	6.8
98	6	5	5.5	7.3	5.8	6.8	7
99	4	4.7	6.1	6.8	7	7	8.5
100	4.5	5	7	7.7	5.4	6.5	6.7

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
<b>Total</b>	443	460.4	542.3	581.2	596.2	607	689.1
<b>Rata-rata</b>	4,43	4,604	5,423	5,812	5,962	6,07	6,891

### Kejernihan

Skor	T1 *	T2 *	T3 *	T4 *	T5 *	T6 *	T7 *
1	6	1	-	1	-	1	-
1,2	1	-	-	-	-	-	-
1,3	-	-	-	-	-	-	1
1,5	-	1	-	-	2	-	-
1,9	-	-	-	-	-	1	-
2	9	7	1	2	1	2	1
2,3	-	1	-	1	-	1	-
2,5	2	-	3	-	1	-	1
3	11	14	4	7	2	7	3
3,1	1	-	-	-	-	-	-
3,3	-	-	2	-	-	-	-
3,5	3	5	-	3	-	3	-
3,6	-	1	-	-	-	-	-
3,8	1	-	-	-	-	1	1
3,9	-	1	-	-	-	-	-
4	13	13	9	8	6	6	6
4,1	-	-	-	-	1	-	-
4,2	-	2	-	1	-	-	-
4,3	2	1	2	-	1	-	-
4,5	7	1	3	2	5	2	-
4,6	-	1	-	1	-	-	-
4,7	-	2	3	-	1	-	-
4,8	-	-	-	1	1	-	-
4,9	-	-	-	-	-	1	-
5	10	12	21	10	9	11	5
5,2	-	1	1	-	-	-	-
5,3	3	-	2	1	1	1	-

<b>Skor</b>	<b>T1 *</b>	<b>T2 *</b>	<b>T3 *</b>	<b>T4 *</b>	<b>T5 *</b>	<b>T6 *</b>	<b>T7 *</b>
5,4	-	-	-	-	1	1	1
5,5	3	11	5	3	4	4	2
5,6	-	-	1	1	1	-	-
5,7	-	-	4	1	-	-	-
5,8	-	-	-	-	1	1	1
5,9	1	-	-	-	-	-	-
6	11	11	5	15	18	14	5
6,1	-	-	1	-	-	-	-
6,2	-	-	3	1	1	-	1
6,3	1	-	-	2	1	-	-
6,4	-	-	-	1	2	2	-
6,5	2	3	10	-	5	5	3
6,6	-	1	-	1	-	1	1
6,7	-	1	-	-	1	2	3
6,8	-	-	2	2	3	1	1
6,9	-	-	-	-	-	1	-
7	6	4	13	9	12	21	17
7,1	-	-	-	1	-	1	-
7,2	-	-	-	2	1	3	1
7,3	1	-	-	1	1	-	-
7,4	-	1	-	-	-	-	-
7,5	3	1	1	4	4	3	4
7,6	-	-	-	1	-	1	-
7,7	-	-	-	1	-	-	1
7,8	-	-	-	-	1	1	-
8	1	3	2	8	7	9	16
8,1	-	-	-	-	-	-	1
8,2	-	-	-	2	-	-	1
8,4	1	-	-	-	-	-	-
8,5	1	-	1	4	2	-	7
8,6	-	-	-	-	-	-	2
8,7	-	-	-	-	-	-	1
8,8	-	-	-	1	-	-	2

Skor	T1 *	T2 *	T3 *	T4 *	T5 *	T6 *	T7 *
8,9	-	-	-	-	-	-	1
9	-	-	1	1	3	1	10

Keterangan: \*) Lama pemeraman (bulan)

### ANOVA

Source of Variation	SS	df	MS	F	F crit
Between Groups	445.5805	6	74.26341	27.32565	2.111645
Within Groups	1883.379	693	2.717718		
Total	2328.959	699			

Kesimpulan:  $F_{hitung} > F_{tabel}$  ( $\alpha = 0,05$ ), maka ada pengaruh perbedaan lama pemeraman terhadap tingkat kesukaan konsumen pada kejernihan *wine* yang dihasilkan.

Perlakuan	Rata-rata	Notasi *
T1 (1 bulan)	4,430	a
T2 (2 bulan)	4,604	a
T3 (3 bulan)	5,423	b
T4 (4 bulan)	5,812	bc
T5 (5 bulan)	5,962	c
T6 (6 bulan)	6,070	c
T7 (7 bulan)	6,891	d

Keterangan: \*) Huruf yang berbeda menunjukkan ada beda nyata antar perlakuan pada  $\alpha = 0,05$

**D. Rasa**

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
1	3.5	6	6.5	5	4.8	5	5
2	2.2	6.6	6.2	6.2	4.7	7.2	6.8
3	1	3	2	3	6	5	1.5
4	1	3	2	3	7	4	4
5	1	5	4	6	7	8	3
6	1	3	8	6	9	6	4
7	1	2	3	4	6	2	2
8	6.9	3.9	2.6	6.6	5.1	4.7	3.6
9	1.5	7.3	7	6.4	5.5	6	3.5
10	3	6.5	6.5	7	7	6	7
11	4	6.5	6	7.5	7.8	7	6.7
12	2	4	5	4	6	8	6
13	2	7	7	6	6	6	6
14	1	2	3	4	3	6	3
15	1	5	7	3.5	7.5	6	8
16	2	3.1	1	1	8	6.8	4
17	1	3	4	8	7	6	4
18	1	2.5	4	6	3	5.5	6.5
19	3.5	8.1	8.5	5.4	9	7	9
20	2	5	4	6	3	5	6
21	1	6	5	5.5	4	4.5	8
22	4	8	5	4	7	5	6
23	6	5	7	8	6	5	6
24	6	5.5	5.5	6.5	6	5	5
25	1	6	5.5	5	3	4.5	3.5
26	5	5.5	6	7	8	6.5	6
27	4.7	5.5	6	5.9	6.2	7	5.7
28	1	5	6	3.5	7	3	2.5
29	3	7.7	7.5	5.5	4	3.5	7.9
30	9	6.5	7	4	6	7.5	8
31	1	1	3	3	6	7	1
32	1	8	6	6	5	4	4
33	1	1	4	3	8	6	5

Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
34	1	1	2.5	1.5	3	2	4
35	1	6.5	4	6.3	7	4.5	6.2
36	4	6.4	5.5	6	6.5	5.4	6.8
37	1	2	6	8	7	5	3
38	1.5	2.5	6	8	5.5	3.5	7
39	6	6	6	4	7	6	7
40	1	1	2	5	3	6	4
41	2.5	6.5	3.5	4.5	4	6	7
42	1	3.5	5	1.1	4.5	4	6.5
43	1.7	6.5	5.3	5	6	7	6.6
44	3	4	5	6	9	7	8
45	3	4	5.5	4.5	7	4	5
46	1	4	4	6	7	8	4
47	1	2	6.5	7	3	5.5	7.8
48	5	4.5	6	7.5	7	8	6.5
49	1	4	5	5	6.5	4	6
50	2	6	6	5.5	6.5	5	7
51	2.5	6.5	5	6	7	4.5	7
52	2	4	6.5	5.5	4.5	4.5	7
53	2	4.5	6	6.5	6	7.3	8
54	4	7	6.5	5.5	7	8	6.5
55	1.5	2	2.5	3	4	7	6
56	2	6.5	8.5	8	8	7	7.5
57	7	7.7	7.9	8.4	8	8.3	7.7
58	4.2	5.2	6.7	5	6.4	5.9	5.9
59	4	5	4	6	7	7	6
60	1	7	7	4	6	5	4
61	1	1	9	2	3	8	8.5
62	1	3	6	8.3	8.5	8	7.5
63	1	4	6	3	5	8	7
64	1	2	3	5	2.7	5	6
65	5.5	8	8.5	7.5	7	7	6.5
66	3	6.5	4	6	6	6	4
67	1.5	7.4	7	6.5	4	7.5	6



Panelis	Perlakuan						
	T1(1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
68	1	6.5	5	4	8	7	6
69	2	7	8	9	8.5	7.5	6.5
70	1.6	8.2	3.8	6.4	7.3	3.2	5.2
71	1	2.5	3	2	5	4	2.5
72	2	5	2.5	3	3.5	3	5
73	1	5	7	6	4	5	3.5
74	3.2	3.7	5	4.7	4.5	4	5.3
75	1	2	8	4	2	9	6
76	4	6	5	5	6	6	5
77	3	5	6	7	6	6	4
78	2	8	4	5	7	6	7.5
79	3	5	7	7	8	6	6
80	1	3	6	4	6	5	5
81	4	6.5	8.6	8.5	7	7.8	8.8
82	1	2	2	3	6	5	3
83	6.5	2	6	5.5	7	4.5	3
84	1.1	6.2	5.4	6.6	8.7	1.3	5.5
85	4.1	5	5.3	5.3	5.2	5.6	4.9
86	3	7	4.5	8	8.5	7.5	7.5
87	1	8	6.5	4.5	5	4	7
88	2.5	6	5.7	6.6	6.5	7	6.2
89	2	1	2.5	6	5.5	5	4
90	1	1.9	5.5	5.1	2	2.5	2.4
91	2	3	6.5	4.5	3.5	7.5	5.5
92	1	5	2	7.5	7.5	7	7
93	2	3	4.5	6.5	6.5	8	7.7
94	2.3	3.3	4	4	8	7.6	7
95	1.5	8	6.7	4.3	5.3	7.5	7.5
96	3	7.5	6.3	4.2	7.7	6	6.8
97	2.6	3.3	5	5.5	7.5	6.5	7
98	3	3	5.5	6.3	6	6.6	7.5
99	1	4.5	5.6	5	8.5	8	6.5
100	1.5	5	7	6	7	7.2	6.8

Panelis	Perlakuan						
	T1 (1 bulan)	T2 (2 bulan)	T3 (3 bulan)	T4 (4 bulan)	T5 (5 bulan)	T6 (6 bulan)	T7 (7 bulan)
<b>Total</b>	238.1	479	534.1	538.6	602.9	584.4	570.8
<b>Rata-rata</b>	2,381	4,79	5,341	5,386	6,029	5,844	5,708

**Rasa**

Skor	T1 *	T2 *	T3 *	T4 *	T5 *	T6 *	T7 *
1	42	6	1	1	-	-	1
1,1	1	-	-	1	-	-	-
1,3	-	-	-	-	-	1	-
1,5	6	-	-	1	-	-	1
1,6	1	-	-	-	-	-	-
1,7	1	-	-	-	-	-	-
1,9	-	1	-	-	-	-	-
2	14	9	5	2	2	2	1
2,2	1	-	-	-	-	-	-
2,3	1	-	-	-	-	-	-
2,4	-	-	-	-	-	-	1
2,5	3	3	4	-	-	1	2
2,6	1	-	1	-	-	-	-
2,7	-	-	-	-	1	-	-
3	10	9	5	8	8	2	5
3,1	-	1	-	-	-	-	-
3,2	1	-	-	-	-	1	-
3,3	-	2	-	-	-	-	-
3,5	2	1	1	2	2	2	3
3,6	-	-	-	-	-	-	1
3,7	-	1	-	-	-	-	-
3,8	-	-	1	-	-	-	-
3,9	-	1	-	-	-	-	-
4	7	7	11	11	6	8	12
4,1	1	-	-	-	-	-	-
4,2	1	-	-	1	-	-	-
4,3	-	-	-	1	-	-	-
4,5	-	3	2	4	3	6	-

<b>Skor</b>	<b>T1 *</b>	<b>T2 *</b>	<b>T3 *</b>	<b>T4 *</b>	<b>T5 *</b>	<b>T6 *</b>	<b>T7 *</b>
4,6	-	-	-	-	-	-	-
4,7	1	-	-	1	1	1	-
4,8	-	-	-	-	1	-	-
4,9	-	-	-	-	-	-	1
5	2	13	11	10	4	14	7
5,1	-	-	-	1	1	-	-
5,2	-	1	-	-	1	-	1
5,3	-	-	2	1	1	-	1
5,4	-	-	1	1	-	1	-
5,5	1	3	6	7	3	2	2
5,6	-	-	1	-	-	1	-
5,7	-	-	1	-	-	-	1
5,9	-	-	-	1	-	1	1
6	3	7	16	15	17	17	14
6,2	-	1	1	1	1	-	2
6,3	-	-	1	2	-	-	-
6,4	-	1	-	2	1	-	-
6,5	1	11	7	4	5	2	7
6,6	-	1	-	3	-	1	1
6,7	-	-	2	-	-	-	1
6,8	-	-	-	-	-	1	4
6,9	1	-	-	-	-	-	-
7	1	5	10	5	20	13	12
7,2	-	-	-	-	-	2	-
7,3	-	1	-	-	1	1	-
7,4	-	1	-	-	-	-	-
7,5	-	1	1	4	3	6	6
7,6	-	-	-	-	-	1	-
7,7	-	2	-	-	1		2
7,8	-	-	-	-	1	1	1
7,9	-	-	1	-	-	-	1
8	-	6	3	6	8	10	5
8,1	-	1	-	-	-	-	-

Skor	T1 *	T2 *	T3 *	T4 *	T5 *	T6 *	T7 *
8,2	-	1	-	-	-	-	-
8,3	-	-	-	1	-	1	-
8,4	-	-	-	1	-	-	-
8,5	-	-	3	1	4	-	1
8,6	-	-	1	-	-	-	-
8,7	-	-	-	-	1	-	-
8,8	-	-	-	-	-	-	1
9	1	-	1	1	3	1	1

Keterangan: \*) Lama pemeraman (bulan)

### ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>F crit</i>
Between Groups	940.8202	6	156.8034	50.32144	2.111645
Within Groups	2159.412	693	3.116035		
Total	3100.232	699			

Kesimpulan:  $F_{hitung} > F_{tabel}$  ( $\alpha = 0,05$ ), maka ada pengaruh perbedaan lama pemeraman terhadap tingkat kesukaan konsumen pada rasa *wine* yang dihasilkan.

Perlakuan	Rata-rata	Notasi *
T1 (1 bulan)	2,381	a
T2 (2 bulan)	4,790	b
T3 (3 bulan)	5,341	c
T4 (4 bulan)	5,386	c
T7 (7 bulan)	5,708	cd
T6 (6 bulan)	5,844	cd
T5 (5 bulan)	6,029	d

Keterangan: \*) Huruf yang berbeda menunjukkan ada beda nyata antar perlakuan pada  $\alpha = 0,05$

**LAMPIRAN 3**  
**KENAMPAKAN KEJERNIHAN DARI WINE NENAS**

