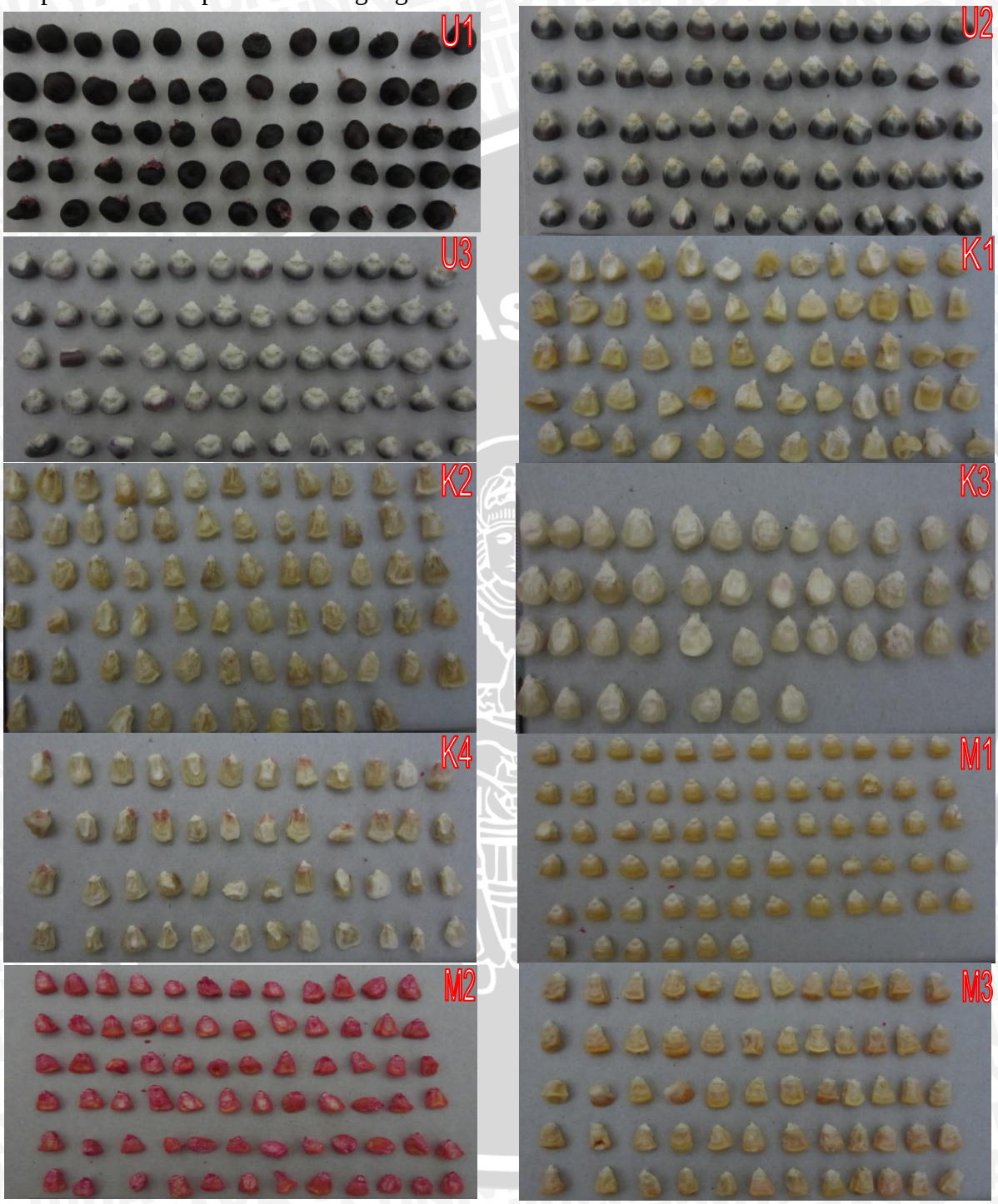
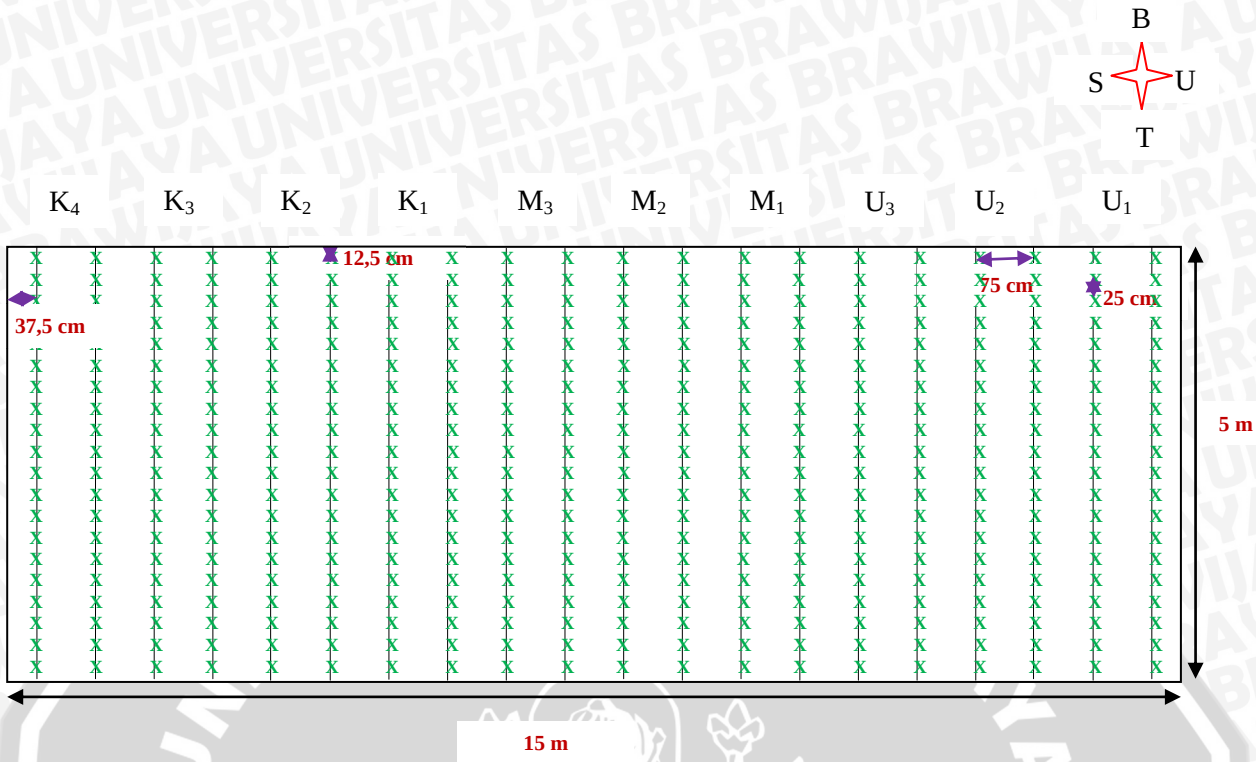
# LAMPIRAN

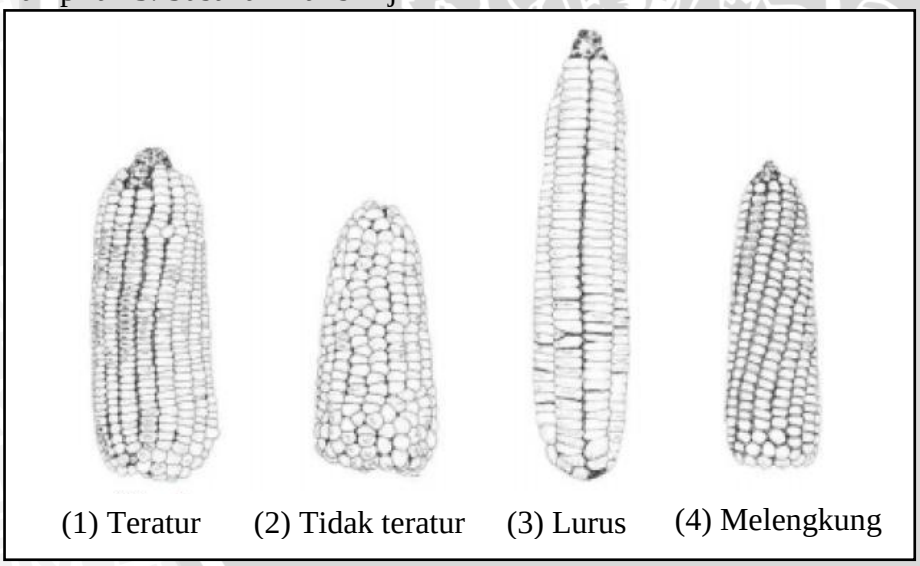
Lampiran 1. Penampilan Benih Jagung Sebelum Tanam



Lampiran 2. Denah Lahan Percobaan

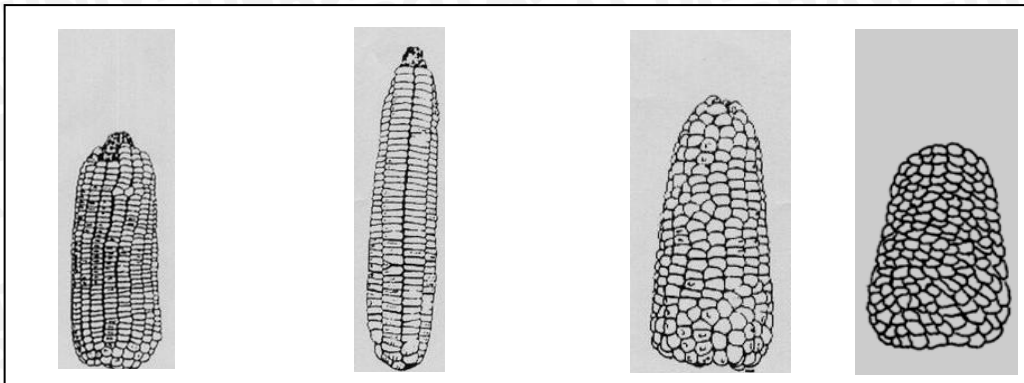



Lampiran 3. Susunan Baris Biji



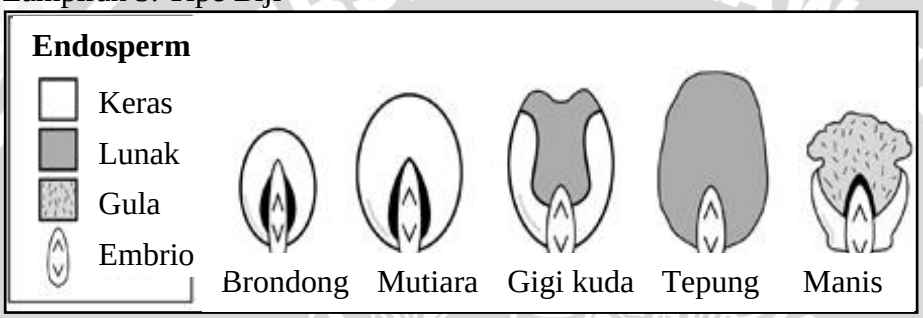

(IBPGR, 1991)

Lampiran 4. Bentuk Tongkol



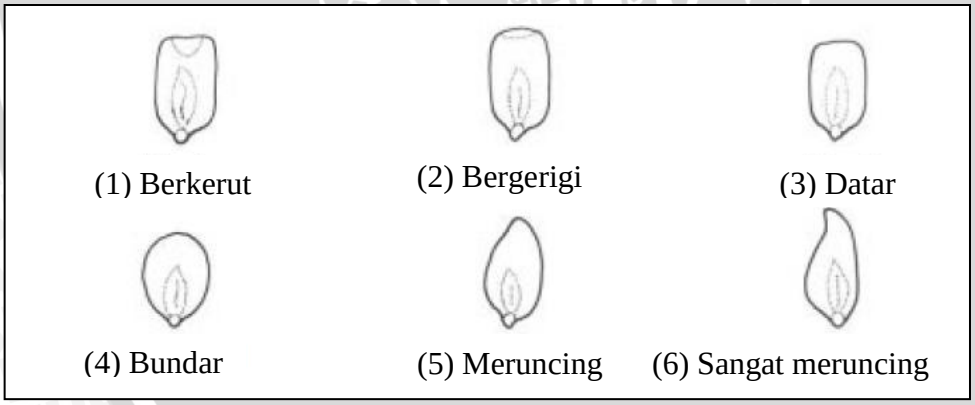

(Anonymous, 2013$_i$)

Lampiran 5. Tipe Biji



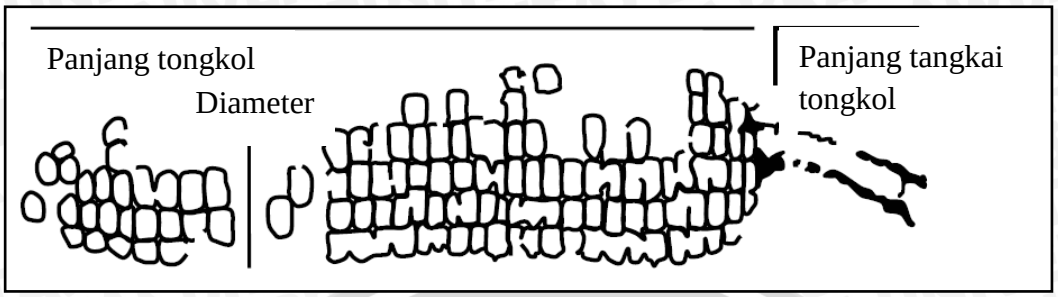

(Anonymous, 2013$_j$)

Lampiran 6. Bentuk Permukaan Biji Teratas



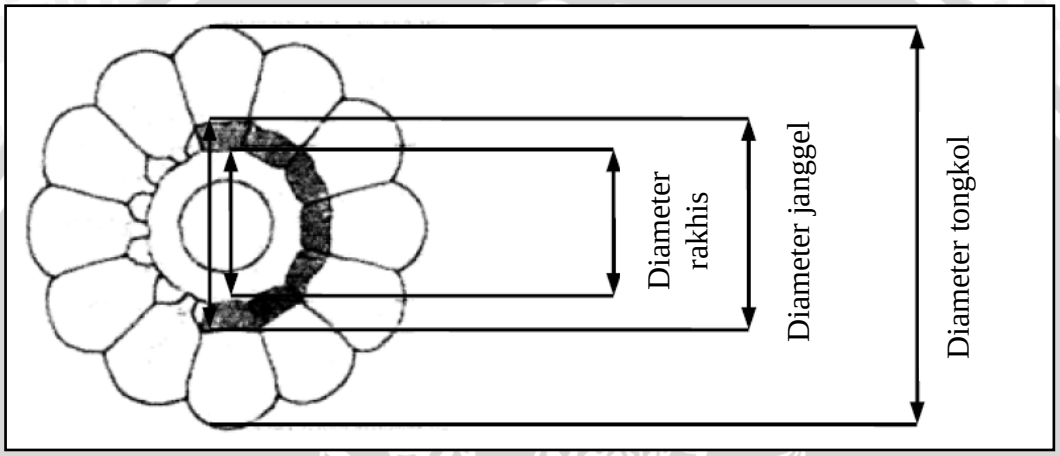

(IBPGR, 1991)

Lampiran 7. Deskripsi Tongkol




(IBPGR, 1991)

Lampiran 8. Diameter Tongkol, Janggel dan Rakhis




(IBPGR, 1991)

Lampiran 9. Perhitungan Konversi Dosis Pupuk

Jarak tanam = 75 cm x 25 cm

Luas lahan = 15 m x 5 m = 75 $m^2$ = 0,0075 ha

$$\text{Jumlah populasi tanaman} = \frac{\text{Luas lahan}}{\text{Jarak tanam}} = \frac{75\ m^2}{0{,}75\ m \times 0{,}25\ m} = 400 \text{ tanaman}$$

❖ Pupuk dasar

a) Pupuk kotoran sapi → 150 ton $ha^{-1}$

Untuk 1 ha, dosis pupuk = 15000 kg = 15000000 g

$$\text{Untuk } 1\ m^2, \text{dosis pupuk} = \frac{15000000\ g}{10000\ m^2} = 1500\ g\ m^{-2}$$

$$\text{Kebutuhan pupuk} = 1500\ g\ m^{-2} \times 75\ m^2 = 112500\ g = 112{,}5\ kg$$

b) Pupuk NPK A → 150 kg $ha^{-1}$

Untuk 1 ha, dosis pupuk = 150 kg = 150000 g

$$\text{Untuk } 1\ m^2, \text{dosis pupuk} = \frac{150000\ g}{10000\ m^2} = 15\ g\ m^{-2}$$

$$\text{Kebutuhan pupuk/tanaman} = \frac{15\ g\ m^{-2} \times 75\ m^2}{400 \text{ tanaman}} = 2{,}81\ g\ tan^{-1}$$

❖ Pupuk susulan

- Pupuk NPK B (15:15:15)

a) Saat tanaman berumur 21 HST → 100 kg $ha^{-1}$

Untuk 1 ha, dosis pupuk = 150 kg = 100000 g

$$\text{Untuk } 1\ m^2, \text{dosis pupuk} = \frac{100000\ g}{10000 m^2} = 10\ g\ m^{-2}$$

$$\text{Kebutuhan pupuk/tanaman} = \frac{10\ g\ m^{-2} \times 75\ m^2}{400 \text{ tanaman}} = 1{,}87\ g/\text{tanaman}$$

b) Saat tanaman berumur 35 HST dan 42 HST→ 150 kg $ha^{-1}$

Untuk 1 ha, dosis pupuk = 150 kg = 150000 g

$$\text{Untuk } 1\ m^2, \text{dosis pupuk} = \frac{150000\ g}{10000\ m^2} = 15\ g\ m^{-2}$$

$$\text{Kebutuhan pupuk/tanaman} = \frac{15\ g\ m^{-2} \times 75\ m^2}{400 \text{ tanaman}} = 2{,}81\ g\ tan^{-1}$$

- Pupuk ZA

a) Saat tanaman berumur 21 HST → 200 kg $ha^{-1}$

Untuk 1 ha, dosis pupuk = 200 kg = 200000 g

$$\text{Untuk 1 m}^2\text{, dosis pupuk} = \frac{200000\ \text{g}}{10000\text{m}^2} = 20\ \text{g/m}^2$$

$$\text{Kebutuhan pupuk/tanaman} = \frac{20\ \text{g/m}^2\text{x } 75\text{m}^2}{400\ \text{tanaman}} = 3{,}75\ \text{g/tanaman}$$

b) Saat tanaman berumur 35 HST dan 42 HST → 300 kg $ha^{-1}$

Untuk 1 ha, dosis pupuk = 300 kg = 300000 g

$$\text{Untuk 1 m}^2\text{, dosis pupuk} = \frac{300000\ \text{g}}{10000\text{m}^2} = 30\ \text{g/m}^2$$

$$\text{Kebutuhan pupuk/tanaman} = \frac{30\ \text{g/m}^2\text{x } 75\ \text{m}^2}{400\ \text{tanaman}} = 5{,}62\ \text{g/tanaman}$$

Lampiran 10. Perhitungan Konversi Dosis Pestisida

❖ Insektisida

a) Berbahan aktif carbofuran 3 % untuk penanaman

Kandungan bahan aktif formulasi = 3 % = 0,03

Rekomendasi bahan aktif = 20 kg $ha^{-1}$

$$\text{Kebutuhan insektisida untuk 75 m}^2 = \frac{20\ \text{kg ha}^{-1}\ \text{x } 0{,}0075\ \text{ha}}{0{,}03}$$

= 5 kg = 5000 g

$$\text{Kebutuhan per tanaman per petak} = \frac{5000\ \text{g}}{400\ \text{tanaman}} = 12{,}5\ \text{g/tanaman}$$

b) Berbahan aktif fipronil 50 g $l^{-1}$ untuk perlakuan benih

Kandungan bahan aktif formulasi = 50 %

Rekomendasi = 10 ml $kg^{-1}$ benih

❖ Fungisida

a) Berbahan aktif pyraclostrobin 250 EC

Dosis fungisida = 1,5 ml $l^{-1}$

Volume semprot = 400 l $ha^{-1}$

Luas lahan = 75 $m^2$ = 0,0075 ha

Kandungan bahan aktif formulasi = 250 g $l^{-1}$ = 250 %

Kebutuhan fungisida 75 $m^2$ = 1,5 ml $l^{-1}$ x 600 l $ha^{-1}$ x 0.0075 $m^2$

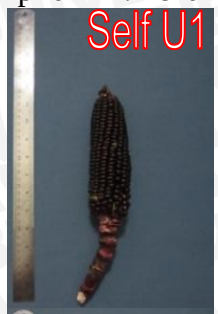
= 6,75 ml = 0,00675 l

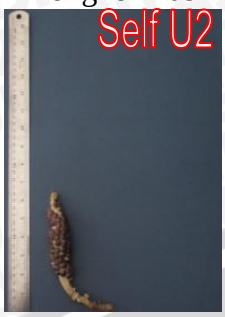
b) Berbahan aktif dimetomorf 500 SC untuk perlakuan benih

Kandungan bahan aktif formulasi = 50 %

Rekomendasi = 6 ml $kg^{-1}$ benih

Lampiran 11. Penampilan Tongkol Hasil *Selfing* dan *Crossing*





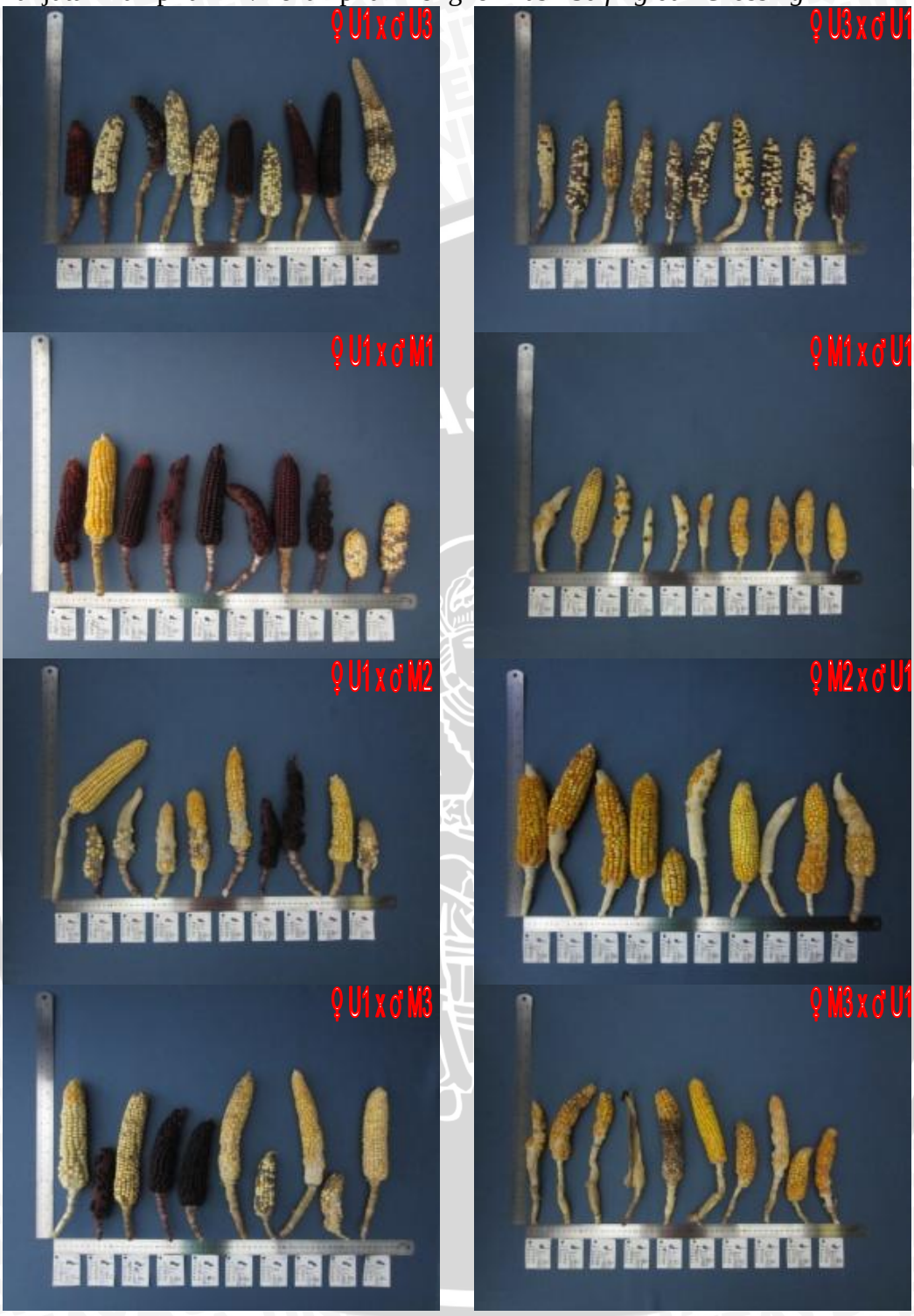






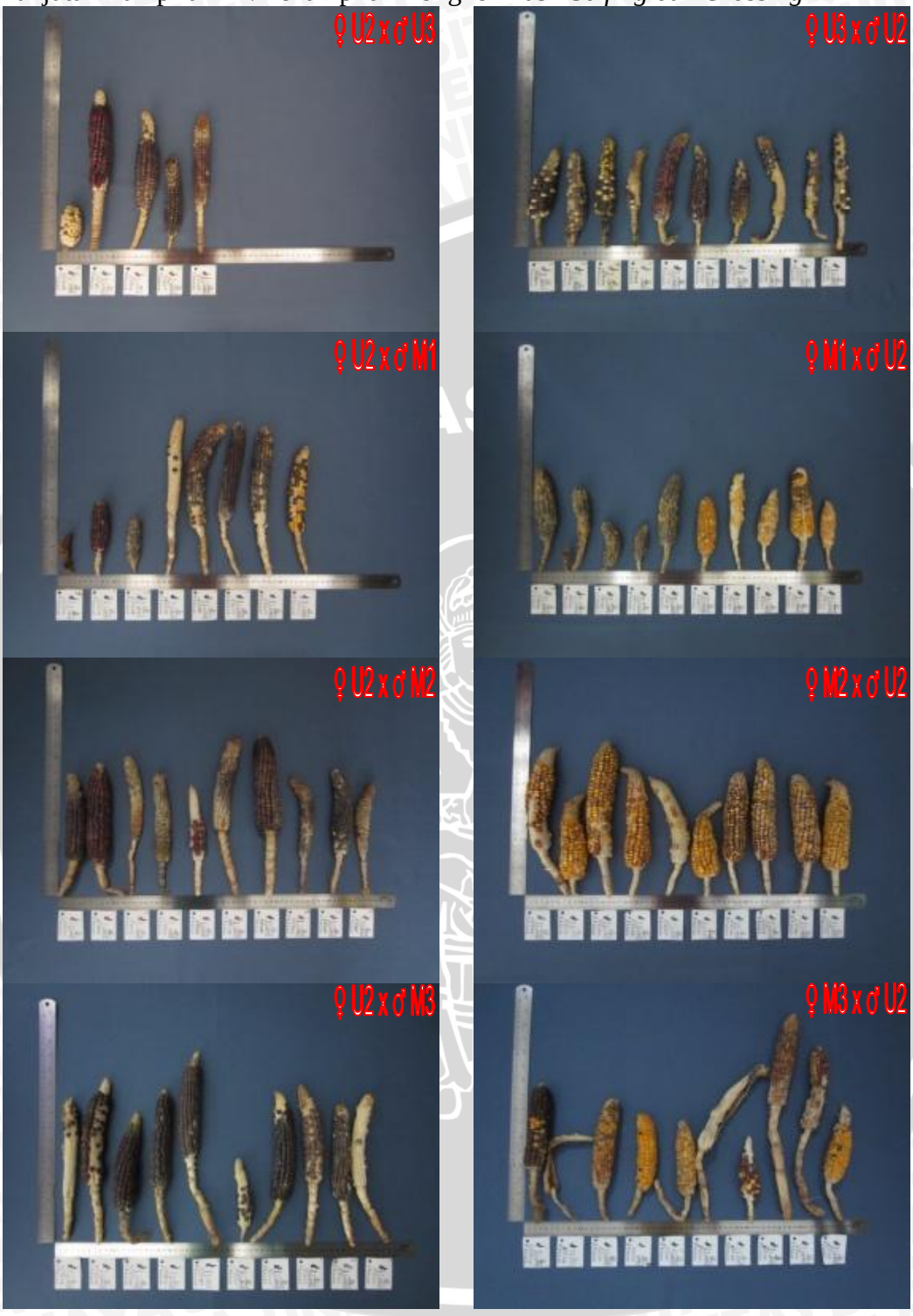


Lanjutan Lampiran 11. Penampilan Tongkol Hasil *Selfing* dan *Crossing*

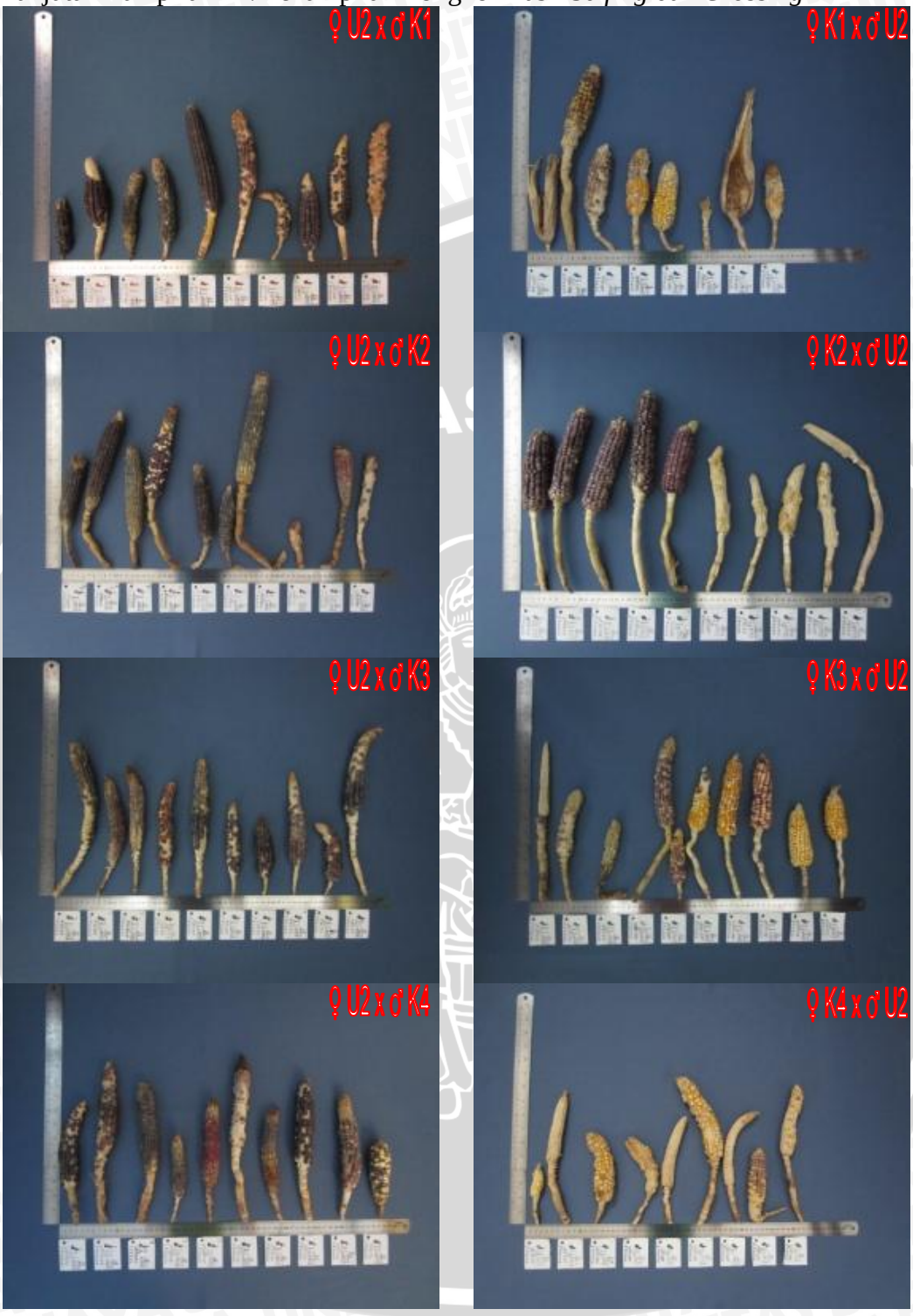


Lanjutan Lampiran 11. Penampilan Tongkol Hasil *Selfing* dan *Crossing*

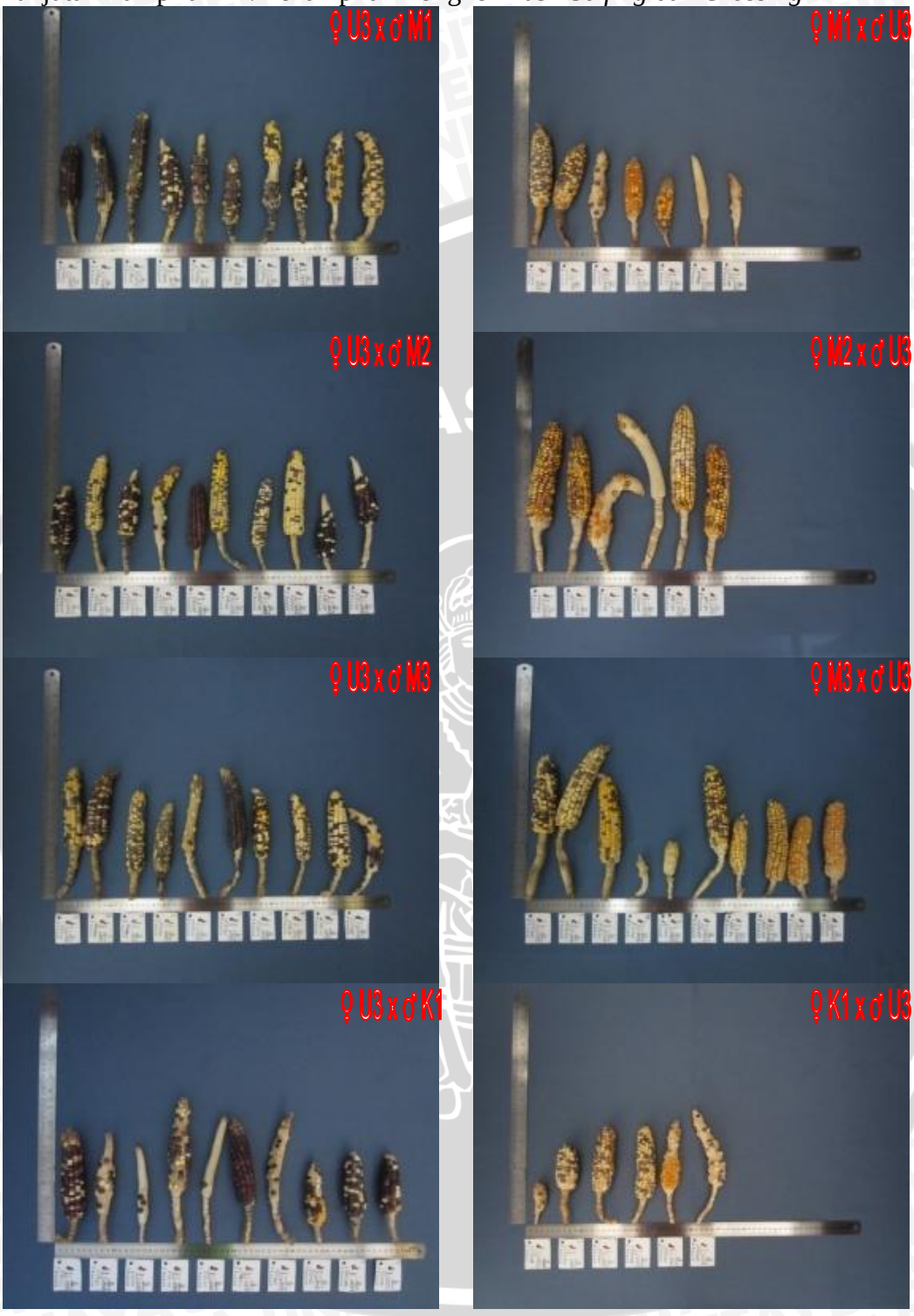
Lanjutan Lampiran 11. Penampilan Tongkol Hasil *Selfing* dan *Crossing*



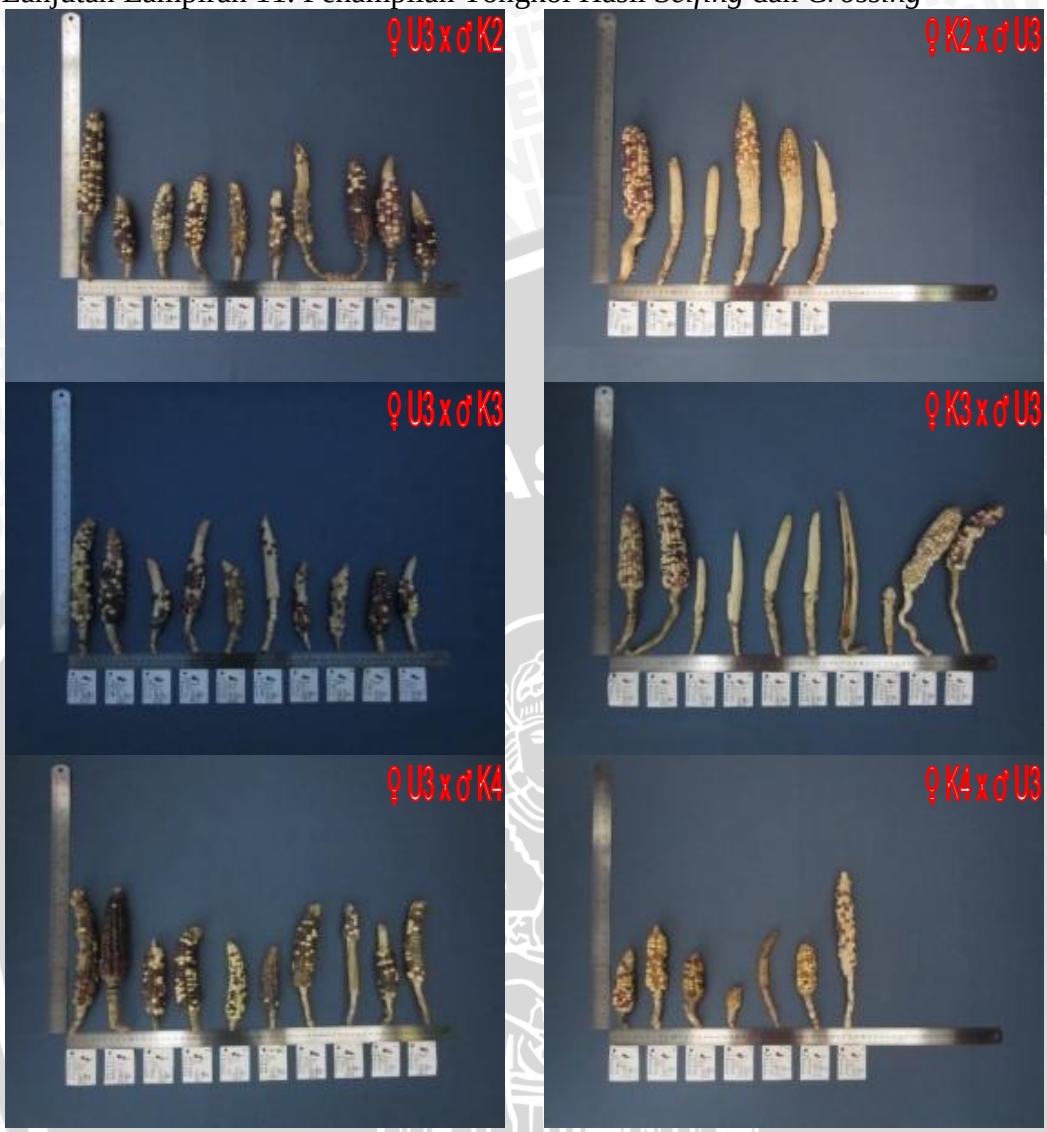
Lanjutan Lampiran 11. Penampilan Tongkol Hasil *Selfing* dan *Crossing*



Lanjutan Lampiran 11. Penampilan Tongkol Hasil *Selfing* dan *Crossing*



Lanjutan Lampiran 11. Penampilan Tongkol Hasil *Selfing* dan *Crossing*



Lampiran 12. Tabel Distribusi Frekuensi Pengamatan Data Tongkol

| Polinasi | Susunan Baris Biji | | | | Warna Janggel | | | | | Bentuk Tongkol | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | T | TT | L | ML | P | MR | C | U | V | S | SM | MG |
| Self $U_1$ | 4 | 3 | - | 3 | 3 | 1 | 1 | 3 | 2 | 4 | 6 | - |
| ♀$U_1$ x ♂$U_2$ | 6 | 2 | - | 1 | 4 | - | - | 5 | - | 5 | 4 | - |
| ♀$U_1$ x ♂$U_3$ | 8 | 1 | - | 1 | 3 | - | 4 | 1 | 2 | 6 | 4 | - |
| ♀$U_1$ x ♂$M_1$ | 5 | 3 | - | 2 | 1 | 1 | - | 6 | 2 | 4 | 5 | 1 |
| ♀$U_1$ x ♂$M_2$ | 1 | 9 | - | - | 4 | - | - | 2 | 4 | 5 | 5 | - |
| ♀$U_1$ x ♂$M_3$ | 5 | 5 | - | - | 6 | - | - | 3 | 1 | 2 | 8 | - |
| ♀$U_1$ x ♂$K_1$ | 2 | 7 | - | 1 | 3 | - | - | 5 | 2 | 1 | 8 | 1 |
| ♀$U_1$ x ♂$K_2$ | 2 | 7 | - | - | 3 | - | - | 6 | - | 4 | 5 | - |
| ♀$U_1$ x ♂$K_3$ | 3 | 7 | - | - | 4 | - | 1 | 4 | 1 | 3 | 7 | - |
| ♀$U_1$ x ♂$K_4$ | 5 | 5 | - | - | 1 | - | 2 | 5 | 2 | 7 | 3 | - |
| Self $U_2$ | 2 | 6 | - | 2 | 10 | - | - | - | - | 4 | 6 | - |
| ♀$U_2$ x ♂$U_1$ | 4 | 5 | - | 1 | 10 | - | - | - | - | 8 | 2 | - |
| ♀$U_2$ x ♂$U_3$ | 3 | 1 | - | 1 | 5 | - | - | - | - | 3 | 2 | - |
| ♀$U_2$ x ♂$M_1$ | 3 | 3 | - | 1 | 7 | - | - | - | - | 6 | 1 | - |
| ♀$U_2$ x ♂$M_2$ | 3 | 4 | - | 1 | 8 | - | - | - | - | 6 | 2 | - |
| ♀$U_2$ x ♂$M_3$ | 3 | 7 | - | - | 10 | - | - | - | - | 7 | 3 | - |
| ♀$U_2$ x ♂$K_1$ | 6 | 4 | - | - | 10 | - | - | - | - | 8 | 2 | - |
| ♀$U_2$ x ♂$K_2$ | 6 | 2 | - | - | 8 | - | - | - | - | 5 | 3 | - |
| ♀$U_2$ x ♂$K_3$ | 5 | 5 | - | - | 10 | - | - | - | - | 7 | 3 | - |
| ♀$U_2$ x ♂$K_4$ | 5 | 5 | - | - | 10 | - | - | - | - | 4 | 6 | - |
| Self $U_3$ | 8 | 2 | - | - | 10 | - | - | - | - | 2 | 8 | - |

Keterangan: T = teratur, TT = tidak teratur, L = lurus, ML = melengkung, P = putih, MR = merah, C = coklat, U = ungu , V = variagata, S = silindris, SM = silindris mengerucut, MG = mengerucut.

Lanjutan Lampiran 12. Tabel Distribusi Frekuensi Pengamatan Data Tongkol

| Polinasi | Susunan Baris Biji | | | | Warna Janggel | | | | | Bentuk Tongkol | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | T | TT | L | ML | P | MR | C | U | V | S | SM | MG |
| ♀$U_3$ x ♂$U_1$ | 5 | 3 | - | 1 | 9 | - | - | - | - | 4 | 5 | - |
| ♀$U_3$ x ♂$U_2$ | 7 | 3 | - | - | 10 | - | - | - | - | 10 | - | - |
| ♀$U_3$ x ♂$M_1$ | 2 | 8 | - | - | 10 | - | - | - | - | 5 | 5 | - |
| ♀$U_3$ x ♂$M_2$ | 8 | 2 | - | - | 10 | - | - | - | - | 8 | 2 | - |
| ♀$U_3$ x ♂$M_3$ | 6 | 4 | - | - | 10 | - | - | - | - | 5 | 5 | - |
| ♀$U_3$ x ♂$K_1$ | 6 | 3 | - | 1 | 10 | - | - | - | - | 5 | 5 | - |
| ♀$U_3$ x ♂$K_2$ | 7 | 3 | - | - | 10 | - | - | - | - | 4 | 6 | - |
| ♀$U_3$ x ♂$K_3$ | 5 | 5 | - | - | 10 | - | - | - | - | 2 | 8 | - |
| ♀$U_3$ x ♂$K_4$ | 6 | 3 | 1 | - | 10 | - | - | - | - | 6 | 4 | - |
| Self $M_1$ | 3 | 4 | - | - | 7 | - | - | - | - | 7 | - | - |
| ♀$M_1$ x ♂$U_1$ | 2 | 8 | - | - | 10 | - | - | - | - | 8 | 2 | - |
| ♀$M_1$ x ♂$U_2$ | 3 | 7 | - | - | 10 | - | - | - | - | 9 | 1 | - |
| ♀$M_1$ x♂$U_3$ | 1 | 4 | - | 1 | 6 | - | - | - | - | 3 | 3 | - |
| Self $M_2$ | - | 5 | - | - | 5 | - | - | - | - | 2 | 3 | - |
| ♀$M_2$ x♂$U_1$ | 4 | 5 | 1 | - | 9 | - | - | - | 1 | 6 | 4 | - |
| ♀$M_2$ x♂$U_2$ | 5 | 3 | - | 2 | 10 | - | - | - | - | 10 | - | - |
| ♀$M_2$ x♂$U_3$ | - | 6 | - | - | 6 | - | - | - | - | 4 | 2 | - |
| Self $M_3$ | 7 | 2 | - | 1 | 9 | - | - | - | 1 | 1 | 7 | 2 |
| ♀$M_3$ x♂$U_1$ | 1 | 6 | - | 2 | 9 | - | - | - | - | 6 | 3 | - |
| ♀$M_3$ x♂$U_2$ | 4 | 4 | - | - | 8 | - | - | - | - | 7 | 1 | - |
| ♀$M_3$ x♂$U_3$ | 5 | 5 | - | - | 9 | - | - | - | 1 | 8 | 2 | - |
| Self $K_1$ | 2 | 7 | - | - | 9 | - | - | - | - | 2 | 5 | 2 |

Keterangan: T = teratur, TT = tidak teratur, L = lurus, ML = melengkung, P = putih, MR = merah, C = coklat, U = ungu , V = variagata, S = silindris, SM = silindris mengerucut, MG = mengerucut.

Lanjutan Lampiran 12. Tabel Distribusi Frekuensi Pengamatan Data Tongkol

| Polinasi | Susunan Baris Biji | | | | Warna Janggel | | | | | Bentuk Tongkol | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | T | TT | L | ML | P | MR | C | U | V | S | SM | MG |
| ♀$K_1$ x ♂$U_1$ | 1 | 8 | - | - | 9 | - | - | - | - | 7 | 2 | - |
| ♀$K_1$ x ♂$U_2$ | 2 | 3 | - | - | 5 | - | - | - | - | 5 | - | - |
| ♀$K_1$ x ♂$U_3$ | 2 | 3 | - | 1 | 6 | - | - | - | - | 4 | 2 | - |
| Self $K_2$ | 3 | 6 | - | - | 8 | - | - | - | 1 | 3 | 6 | - |
| ♀$K_2$ x ♂$U_1$ | 5 | 2 | - | - | 7 | - | - | - | - | 7 | - | - |
| ♀$K_2$ x ♂$U_2$ | 6 | 2 | 1 | - | 8 | - | - | - | 1 | 8 | 1 | - |
| ♀$K_2$ x ♂$U_3$ | 1 | 3 | - | - | 4 | - | - | - | - | 3 | 1 | - |
| Self $K_3$ | 3 | 4 | - | - | 7 | - | - | - | - | 2 | 5 | - |
| ♀$K_3$ x ♂$U_1$ | 4 | 6 | - | - | 10 | - | - | - | - | 9 | 1 | - |
| ♀$K_3$ x ♂$U_2$ | 2 | 6 | - | 1 | 9 | - | - | - | - | 8 | 1 | - |
| ♀$K_3$ x ♂$U_3$ | 3 | 1 | - | - | 4 | - | - | - | - | 3 | 1 | - |
| Self $K_4$ | 3 | 7 | - | - | 10 | - | - | - | - | 6 | 4 | - |
| ♀$K_4$ x ♂$U_1$ | 2 | 5 | - | - | 7 | - | - | - | - | 5 | 2 | - |
| ♀$K_4$ x ♂$U_2$ | 2 | 4 | - | - | 6 | - | - | - | - | 6 | - | - |
| ♀$K_4$ x ♂$U_3$ | 1 | 5 | - | - | 5 | 1 | - | - | - | 4 | 1 | 1 |

Keterangan: T = teratur, TT = tidak teratur, L = lurus, ML = melengkung, P = putih, MR = merah, C = coklat, U = ungu , V = variagata, S = silindris, SM = silindris mengerucut, MG = mengerucut.

Lampiran 13. Tabel Distribusi Frekuensi Pengamatan Data Biji pada Tipe Biji dan Bentuk Permukaan Biji Teratas

| Polinasi | Tipe Biji (%) | | | | Bentuk Permukaan Biji Teratas (%) | | | |
|---|---|---|---|---|---|---|---|---|
| | Gigi Kuda | Semi Gigi Kuda | Mutiara | Semi Mutiara | Berkerut | Bergerigi | Datar | Bundar |
| Self $U_1$ | 15,92 | 3,69 | 67,72 | 12,68 | 6,60 | 38,59 | 3,69 | 51,12 |
| ♀$U_1$ x ♂$U_2$ | - | 77,27 | 22,73 | - | - | 36,73 | 20,44 | 42,84 |
| ♀$U_1$ x ♂$U_3$ | - | 100 | - | - | - | 58,49 | - | 41,51 |
| ♀$U_1$ x ♂$M_1$ | - | 72,91 | 27,09 | - | - | 21,20 | 22,95 | 55,86 |
| ♀$U_1$ x ♂$M_2$ | 9,74 | 33,41 | 30,34 | 26,52 | 13,71 | 28,91 | - | 57,38 |
| ♀$U_1$ x ♂$M_3$ | 26,54 | 62,95 | 10,51 | - | 26,54 | 2,17 | - | 71,29 |
| ♀$U_1$ x ♂$K_1$ | 31,20 | 42,27 | 22,86 | 3,67 | 21,98 | 3,67 | 13,70 | 60,64 |
| ♀$U_1$ x ♂$K_2$ | 21,51 | 27,66 | 40,48 | 10,35 | 21,51 | 10,35 | 66,11 | 2,03 |
| ♀$U_1$ x ♂$K_3$ | - | 50,95 | 49,05 | - | - | 67,69 | 5,73 | 26,58 |
| ♀$U_1$ x ♂$K_4$ | 20,56 | 73,36 | 6,07 | - | 20,56 | 34,97 | 4,12 | 40,35 |
| Self $U_2$ | - | 5,46 | 94,54 | - | - | - | 19,19 | 80,81 |
| ♀$U_2$ x ♂$U_1$ | - | 98,13 | 1,87 | - | - | 21,05 | 8,53 | 70,42 |
| ♀$U_2$ x ♂$U_3$ | - | 87,52 | 12,48 | - | - | 20,92 | - | 79,08 |
| ♀$U_2$ x ♂$M_1$ | - | 56,82 | 43,18 | - | - | 52,46 | 10,83 | 36,71 |
| ♀$U_2$ x ♂$M_2$ | - | 73,65 | 2,33 | 24,03 | - | 23,16 | - | 76,84 |
| ♀$U_2$ x ♂$M_3$ | - | 70,95 | 29,05 | - | - | 56,54 | 21,96 | 21,51 |
| ♀$U_2$ x ♂$K_1$ | - | 69,77 | 30,23 | - | - | 48,63 | 33,45 | 17,92 |
| ♀$U_2$ x ♂$K_2$ | - | 98,47 | 1,53 | - | - | 34,40 | - | 65,60 |
| ♀$U_2$ x ♂$K_3$ | - | 50,63 | 38,83 | 10,54 | - | 19,83 | - | 80,17 |
| ♀$U_2$ x ♂$K_4$ | - | 48,57 | 15,31 | 36,12 | - | 37,16 | 44,61 | 18,23 |
| Self $U_3$ | - | 68,95 | 31,05 | - | - | 23,92 | 41,11 | 34,97 |

Keterangan : ☐ = dominan

Lanjutan Lampiran 13. Tabel Distribusi Frekuensi Pengamatan Data Biji pada Tipe Biji dan Bentuk Permukaan Biji Teratas

| Polinasi | Tipe Biji (%) | | | | Bentuk Permukaan Biji Teratas (%) | | | |
|---|---|---|---|---|---|---|---|---|
| | Gigi Kuda | Semi Gigi Kuda | Mutiara | Semi Mutiara | Berkerut | Bergerigi | Datar | Bundar |
| ♀$U_3$ x ♂$U_1$ | - | 100 | - | - | - | 28,62 | 36,52 | 34,86 |
| ♀$U_3$ x ♂$U_2$ | - | 83,88 | 16,12 | - | - | - | 7,06 | 92,94 |
| ♀$U_3$ x ♂$M_1$ | - | 84,93 | 15,07 | - | - | 33,82 | - | 66,18 |
| ♀$U_3$ x ♂$M_2$ | 17,15 | 82,29 | 0,56 | - | 17,15 | 38,63 | 18,97 | 25,26 |
| ♀$U_3$ x ♂$M_3$ | - | 95,78 | 4,22 | - | - | 16,79 | 15,56 | 67,65 |
| ♀$U_3$ x ♂$K_1$ | - | 87,57 | 12,43 | - | - | - | 97,53 | 2,47 |
| ♀$U_3$ x ♂$K_2$ | - | 85,87 | 3,58 | 10,55 | - | - | 71,22 | 28,78 |
| ♀$U_3$ x ♂$K_3$ | - | 46,49 | 53,51 | - | - | - | 30,27 | 69,73 |
| ♀$U_3$ x ♂$K_4$ | - | 93,57 | - | 6,43 | - | 6,43 | 5,38 | 88,20 |
| Self $M_1$ | 100 | - | - | - | 100 | - | - | - |
| ♀$M_1$ x ♂$U_1$ | 1,53 | 71,96 | 26,51 | - | 1,53 | 57,80 | 3,44 | 37,22 |
| ♀$M_1$ x ♂$U_2$ | 12,22 | 72,75 | 14,72 | 0,31 | 12,22 | 50,27 | - | 37,51 |
| ♀$M_1$ x♂$U_3$ | 17,78 | 76,48 | 5,74 | - | 17,78 | 77,21 | - | 5,01 |
| Self $M_2$ | - | 100 | - | - | - | 100 | - | - |
| ♀$M_2$ x♂$U_1$ | 55,73 | 35,33 | 2,91 | 6,03 | 60,27 | 30,79 | 6,11 | 2,84 |
| ♀$M_2$ x♂$U_2$ | 23,70 | 61,91 | 14,39 | - | 23,70 | 72,28 | - | 4,02 |
| ♀$M_2$ x♂$U_3$ | - | 82,38 | 13,04 | 4,58 | - | 65,29 | - | 34,71 |
| Self $M_3$ | 100 | - | - | - | 100 | - | - | - |
| ♀$M_3$ x♂$U_1$ | 27,39 | 41,47 | 13,54 | 17,60 | 32,90 | 12,09 | 8,19 | 46,82 |
| ♀$M_3$ x♂$U_2$ | 25,70 | 60,30 | 13,07 | 0,92 | 25,70 | 14,43 | - | 59,87 |
| ♀$M_3$ x♂$U_3$ | 33,79 | 60,08 | 0,42 | 5,71 | 33,79 | 22,00 | 17,02 | 27,19 |
| Self $K_1$ | 51,87 | 48,13 | - | - | 56,69 | 43,31 | - | - |

Keterangan : ☐ = dominan

Lanjutan Lampiran 13. Tabel Distribusi Frekuensi Pengamatan Data Biji pada Tipe Biji dan Bentuk Permukaan Biji Teratas

| Polinasi | Tipe Biji (%) | | | | Bentuk Permukaan Biji Teratas (%) | | | |
|---|---|---|---|---|---|---|---|---|
| | Gigi Kuda | Semi Gigi Kuda | Mutiara | Semi Mutiara | Berkerut | Bergerigi | Datar | Bundar |
| ♀$K_1$ x ♂$U_1$ | 24,65 | 59,20 | 9,99 | 6,16 | 39,12 | - | - | 60,88 |
| ♀$K_1$ x ♂$U_2$ | 1,17 | 65,41 | 24,87 | 8,55 | 1,17 | 8,55 | - | 90,28 |
| ♀$K_1$ x ♂$U_3$ | 1,44 | 80 | 11,90 | 6,67 | 1,44 | 47,45 | - | 51,11 |
| Self $K_2$ | 42,25 | 57,75 | - | - | 70,78 | 29,22 | - | - |
| ♀$K_2$ x ♂$U_1$ | 36,88 | 47,11 | 7,80 | 8,21 | 12,16 | 58,16 | - | 29,69 |
| ♀$K_2$ x ♂$U_2$ | - | 99,55 | 0,45 | - | - | 34,07 | 65,48 | 0,45 |
| ♀$K_2$ x ♂$U_3$ | - | 67,53 | 32,47 | - | - | - | - | 100 |
| Self $K_3$ | - | 99,28 | - | 0,72 | - | 100 | - | - |
| ♀$K_3$ x ♂$U_1$ | 16,84 | 60,76 | 22,40 | - | 17,86 | - | - | 82,14 |
| ♀$K_3$ x ♂$U_2$ | - | 75,90 | 24,10 | - | - | 17,96 | - | 82,04 |
| ♀$K_3$ x ♂$U_3$ | - | 78,74 | 21,26 | - | - | - | - | 100 |
| Self $K_4$ | - | 100 | - | - | - | 100 | - | - |
| ♀$K_4$ x ♂$U_1$ | 46,79 | 48,87 | 2,81 | 1,54 | 46,79 | 1,54 | - | 51,67 |
| ♀$K_4$ x ♂$U_2$ | - | - | 56,03 | 43,97 | - | 90,52 | - | 9,48 |
| ♀$K_4$ x ♂$U_3$ | - | - | 83,59 | 16,41 | 11,66 | 4,75 | - | 83,59 |

Keterangan : ☐ = dominan

Lampiran 14. Tabel Distribusi Frekuensi Pengamatan Data Biji pada Dominansi Warna Biji terhadap 10 Sampel

| Polinasi | Warna Biji (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Putih | Kuning | Ungu | Coklat | Oranye | Loreng | Ujung Putih | Ujung Kuning | Merah |
| Self $U_1$ | 28,80 | 10,35 | 23,73 | - | 12,68 | - | - | - | 24,44 |
| ♀$U_1$ x ♂$U_2$ | 1,59 | 0,33 | 45,46 | 31,17 | - | 9,37 | 1,93 | - | 10,14 |
| ♀$U_1$ x ♂$U_3$ | 28,86 | - | 43,24 | 27,90 | - | - | - | - | - |
| ♀$U_1$ x ♂$M_1$ | 5,22 | 7,41 | 22,59 | - | - | - | 11,39 | 9,80 | 43,59 |
| ♀$U_1$ x ♂$M_2$ | 5,09 | 39,85 | 17,45 | - | 6,89 | - | - | 30,71 | - |
| ♀$U_1$ x ♂$M_3$ | 12,32 | 45,62 | 30,25 | - | 11,81 | - | - | - | - |
| ♀$U_1$ x ♂$K_1$ | 47,46 | 3,56 | 6,94 | 18,19 | - | 3,56 | 11,55 | 8,51 | 0,23 |
| ♀$U_1$ x ♂$K_2$ | 35,55 | - | 46,05 | - | - | 12,45 | 5,94 | - | - |
| ♀$U_1$ x ♂$K_3$ | 29,96 | 7,34 | 25,99 | - | - | 2,94 | 23,05 | 10,72 | - |
| ♀$U_1$ x ♂$K_4$ | 31,67 | 6,20 | 17,92 | 36,14 | - | - | - | - | 8,07 |
| Self $U_2$ | 3,72 | - | 74,51 | 21,78 | - | - | - | - | - |
| ♀$U_2$ x ♂$U_1$ | - | - | 75,96 | 24,04 | - | - | - | - | - |
| ♀$U_2$ x ♂$U_3$ | 6,37 | - | 78,55 | 15,08 | - | - | - | - | - |
| ♀$U_2$ x ♂$M_1$ | - | 4,05 | 77,63 | 7,01 | 1,87 | 9,43 | - | - | - |
| ♀$U_2$ x ♂$M_2$ | 0,05 | - | 70,73 | 12,99 | - | 16,23 | - | - | - |
| ♀$U_2$ x ♂$M_3$ | - | - | 92,91 | 7,09 | - | - | - | - | - |
| ♀$U_2$ x ♂$K_1$ | - | - | 72,34 | 25,81 | - | 1,85 | - | - | - |
| ♀$U_2$ x ♂$K_2$ | 4,33 | - | 30,28 | 4,12 | - | 61,27 | - | - | - |
| ♀$U_2$ x ♂$K_3$ | - | - | 67,87 | 31,21 | - | 0,92 | - | - | - |
| ♀$U_2$ x ♂$K_4$ | 1,67 | 3,06 | 55,32 | 13,50 | - | 26,44 | - | - | - |
| Self $U_3$ | 23,92 | - | 60 | - | - | - | - | - | 16,08 |

Keterangan : ☐ = dominan

Lanjutan Lampiran 14. Tabel Distribusi Frekuensi Pengamatan Data Biji pada Dominansi Warna Biji terhadap 10 Sampel

| Polinasi | Warna Biji (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Putih | Kuning | Ungu | Coklat | Oranye | Loreng | Ujung Putih | Ujung Kuning | Merah |
| ♀$U_3$ x ♂$U_1$ | 35,64 | 1,66 | 38,23 | - | 11,31 | - | - | 1,76 | 11,41 |
| ♀$U_3$ x ♂$U_2$ | 2,32 | 0,42 | 48,58 | - | 25,61 | - | - | 16,02 | 7,06 |
| ♀$U_3$ x ♂$M_1$ | 6,46 | 6,02 | 55,41 | - | 15,07 | 0,25 | 4,31 | 6,84 | 5,64 |
| ♀$U_3$ x ♂$M_2$ | 12,12 | 13,47 | 23,11 | - | 24,46 | - | 4,15 | 6,10 | 16,59 |
| ♀$U_3$ x ♂$M_3$ | 4,03 | 10,10 | 31,88 | - | 8,16 | 1,38 | - | 17,03 | 27,42 |
| ♀$U_3$ x ♂$K_1$ | 11,48 | 3,98 | 59,01 | - | 19,83 | - | - | 5,69 | - |
| ♀$U_3$ x ♂$K_2$ | 31,12 | 1,17 | 34,57 | - | 13,80 | - | - | 17,06 | 2,28 |
| ♀$U_3$ x ♂$K_3$ | 25,29 | 0,64 | 57,09 | - | 15,45 | - | - | - | 0,89 |
| ♀$U_3$ x ♂$K_4$ | 21,44 | 0,92 | 13,64 | - | 6,95 | - | - | 55,34 | 1,70 |
| Self $M_1$ | - | - | - | - | 100 | - | - | - | - |
| ♀$M_1$ x ♂$U_1$ | - | 18,76 | 4,59 | - | - | 15,89 | 53,68 | - | 7,08 |
| ♀$M_1$ x ♂$U_2$ | - | - | 28,74 | - | - | 24,35 | 15,27 | 31,64 | - |
| ♀$M_1$ x♂$U_3$ | - | - | 38,83 | - | - | 18,96 | 18,60 | - | 23,61 |
| Self $M_2$ | - | - | - | - | 100 | - | - | - | - |
| ♀$M_2$ x♂$U_1$ | - | 7,05 | 0,04 | - | - | 56,09 | 30,50 | 5,05 | 1,27 |
| ♀$M_2$ x♂$U_2$ | - | 24,72 | - | - | - | - | 10,98 | 63,94 | 0,37 |
| ♀$M_2$ x♂$U_3$ | - | - | - | - | - | 4,58 | 22,96 | 47,52 | 24,94 |
| Self $M_3$ | - | 43,09 | - | - | 56,91 | - | - | - | - |
| ♀$M_3$ x♂$U_1$ | - | 15,07 | - | - | - | 41,70 | 43,23 | - | - |
| ♀$M_3$ x♂$U_2$ | - | 15,02 | 0,16 | - | - | 4,12 | 11,55 | 68,17 | 0,98 |
| ♀$M_3$ x♂$U_3$ | 0,26 | 26,24 | 0,26 | - | 0,05 | 2,41 | 2,93 | 37,77 | 30,07 |
| Self $K_1$ | 100 | - | - | - | - | - | - | - | - |

Keterangan : ☐ = dominan

Lanjutan Lampiran 14. Tabel Distribusi Frekuensi Pengamatan Data Biji pada Dominansi Warna Biji terhadap 10 Sampel

| Polinasi | Warna Biji (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Putih | Kuning | Ungu | Coklat | Oranye | Loreng | Ujung Putih | Ujung Kuning | Merah |
| ♀$K_1$ x ♂$U_1$ | 39.87 | - | - | - | - | - | - | 45.47 | - |
| ♀$K_1$ x ♂$U_2$ | 2,33 | 0,13 | - | - | - | 7,25 | 8,55 | 81,74 | - |
| ♀$K_1$ x ♂$U_3$ | 32,16 | - | 4,05 | - | - | 7,84 | 1,18 | 43,79 | 10,98 |
| Self $K_2$ | 100 | - | - | - | - | - | - | - | - |
| ♀$K_2$ x ♂$U_1$ | 56,84 | 1,32 | - | - | - | - | 3,14 | 22,09 | 16,62 |
| ♀$K_2$ x ♂$U_2$ | 5,05 | - | 94,95 | - | - | - | - | - | - |
| ♀$K_2$ x ♂$U_3$ | 8,31 | - | - | - | - | - | - | 85,45 | 6,23 |
| Self $K_3$ | 100 | - | - | - | - | - | - | - | - |
| ♀$K_3$ x ♂$U_1$ | 85,07 | 4,10 | - | - | - | 10,83 | - | - | - |
| ♀$K_3$ x ♂$U_2$ | 7,67 | - | 6,91 | - | 2,83 | 1,86 | - | 56,91 | 23,83 |
| ♀$K_3$ x ♂$U_3$ | 29,10 | - | 13,69 | - | 16,76 | - | - | 25,41 | 15,05 |
| Self $K_4$ | 100 | - | - | - | - | - | - | - | - |
| ♀$K_4$ x ♂$U_1$ | 72,67 | 1,27 | - | - | - | - | - | 0,36 | 25,70 |
| ♀$K_4$ x ♂$U_2$ | 47,63 | 1,51 | 1,08 | - | - | - | 3,02 | 26,94 | 19,83 |
| ♀$K_4$ x ♂$U_3$ | 42,98 | 1,30 | 8,42 | - | 9,94 | 0,43 | - | 11,45 | 25,49 |

Keterangan : ☐ = dominan

Lampiran 15. Tabel Data Rata-rata Hasil Persilangan pada Panjang Tongkol (cm)

| ♂ \ ♀ | $U_1$ | $U_2$ | $U_3$ | $M_1$ | $M_2$ | $M_3$ | $K_1$ | $K_2$ | $K_3$ | $K_4$ |
|---|---|---|---|---|---|---|---|---|---|---|
| $U_1$ | 18.25 | 18.05 | 16.72 | 23.1 | 19.2 | 15.72 | 13.38 | 17.14 | 13.9 | 11.57 |
| $U_2$ | 16.77 | 17.75 | 16 | 12.65 | 19.65 | 16.62 | 13.8 | 15.61 | 14.33 | 14.58 |
| $U_3$ | 18.1 | 15.7 | 16.4 | 14.08 | 20.41 | 14.95 | 12.66 | 18 | 16.87 | 10.5 |
| $M_1$ | 16.7 | 16.71 | 15.3 | 13.21 | | | | | | |
| $M_2$ | 16 | 17.68 | 15 | | 17.8 | | | | | |
| $M_3$ | 17.3 | 18.15 | 16.25 | | | 15.3 | | | | |
| $K_1$ | 15.7 | 15.85 | 14.45 | | | | 13.22 | | | |
| $K_2$ | 18.11 | 16.75 | 14.5 | | | | | 16 | | |
| $K_3$ | 15.95 | 17.75 | 14.45 | | | | | | 13.64 | |
| $K_4$ | 15.8 | 16.35 | 15.35 | | | | | | | 12.15 |

Lampiran 16. Tabel Data Rata-rata Hasil Persilangan pada Panjang Tangkai Tongkol (cm)

| ♂ \ ♀ | $U_1$ | $U_2$ | $U_3$ | $M_1$ | $M_2$ | $M_3$ | $K_1$ | $K_2$ | $K_3$ | $K_4$ |
|---|---|---|---|---|---|---|---|---|---|---|
| $U_1$ | 13.6 | 10.85 | 7.05 | 5.1 | 8.5 | 10.33 | 7.27 | 13.57 | 12 | 6.85 |
| $U_2$ | 8.44 | 10.5 | 6.55 | 6.15 | 6.7 | 12 | 10.1 | 13.83 | 11.33 | 8.66 |
| $U_3$ | 10.45 | 6.7 | 7.95 | 6.16 | 9.58 | 6.29 | 6.75 | 10.25 | 14.62 | 6.16 |
| $M_1$ | 8.15 | 8.57 | 7.15 | 5.14 | | | | | | |
| $M_2$ | 8.65 | 9.37 | 6.8 | | 4.7 | | | | | |
| $M_3$ | 8.3 | 18.7 | 8.55 | | | 8.75 | | | | |
| $K_1$ | 7.2 | 5.6 | 6.75 | | | | 6.16 | | | |
| $K_2$ | 9.55 | 12.5 | 6.5 | | | | | 12.88 | | |
| $K_3$ | 6.95 | 7.55 | 5.65 | | | | | | 10.14 | |
| $K_4$ | 8.9 | 8.3 | 5.55 | | | | | | | 5.6 |

Lampiran 17. Tabel Data Rata-rata Hasil Persilangan pada Diameter Tongkol (cm)

| ♂ \ ♀ | $U_1$ | $U_2$ | $U_3$ | $M_1$ | $M_2$ | $M_3$ | $K_1$ | $K_2$ | $K_3$ | $K_4$ |
|---|---|---|---|---|---|---|---|---|---|---|
| $U_1$ | 3.9 | 3.1 | 3.17 | 3.02 | 3.93 | 3.08 | 3.25 | 3.51 | 2.89 | 3.37 |
| $U_2$ | 3.9 | 2.98 | 2.99 | 3.01 | 4.09 | 3.28 | 3.54 | 3.14 | 3.03 | 2.76 |
| $U_3$ | 3.91 | 3.14 | 3.41 | 3.25 | 3.68 | 3.07 | 3.15 | 3.22 | 3.42 | 2.8 |
| $M_1$ | 3.72 | 2.94 | 3.04 | 3.6 | | | | | | |
| $M_2$ | 3.33 | 3.27 | 3.16 | | 3.28 | | | | | |
| $M_3$ | 3.4 | 14.06 | 2.88 | | | 3.32 | | | | |
| $K_1$ | 3.2 | 2.79 | 2.83 | | | | 3.4 | | | |
| $K_2$ | 3.12 | 2.87 | 2.99 | | | | | 3.06 | | |
| $K_3$ | 3.34 | 2.94 | 2.62 | | | | | | 2.90 | |
| $K_4$ | 3.49 | 2.88 | 5.46 | | | | | | | 2.59 |

Keterangan : ■ = *selfing*
□ = *crossing*

Lampiran 18. Tabel Data Rata-rata Hasil Persilangan pada Diameter Janggel (cm)

| ♂ \ ♀ | $U_1$ | $U_2$ | $U_3$ | $M_1$ | $M_2$ | $M_3$ | $K_1$ | $K_2$ | $K_3$ | $K_4$ |
|---|---|---|---|---|---|---|---|---|---|---|
| $U_1$ | 2.28 | 1.94 | 2 | 1.85 | 2.34 | 1.85 | 2.37 | 2.31 | 2.03 | 2.04 |
| $U_2$ | 2.57 | 1.78 | 1.85 | 1.81 | 2.65 | 2.18 | 2.56 | 1.96 | 1.82 | 1.9 |
| $U_3$ | 2.35 | 1.9 | 2.13 | 1.76 | 2.3 | 1.88 | 2.2 | 2.45 | 2.07 | 1.63 |
| $M_1$ | 2.29 | 1.84 | 1.95 | 2.08 | | | | | | |
| $M_2$ | 2.26 | 2.02 | 1.91 | | 2.16 | | | | | |
| $M_3$ | 2.28 | 1.85 | 1.85 | | | 1.98 | | | | |
| $K_1$ | 2.06 | 1.64 | 1.74 | | | | 2.3 | | | |
| $K_2$ | 2.17 | 1.63 | 1.76 | | | | | 3.56 | | |
| $K_3$ | 2.3 | 1.7 | 1.6 | | | | | | 1.78 | |
| $K_4$ | 2.26 | 1.73 | 1.72 | | | | | | | 1.65 |

Lampiran 19. Tabel Data Rata-rata Hasil Persilangan pada Diameter Rakhis (cm)

| ♂ \ ♀ | $U_1$ | $U_2$ | $U_3$ | $M_1$ | $M_2$ | $M_3$ | $K_1$ | $K_2$ | $K_3$ | $K_4$ |
|---|---|---|---|---|---|---|---|---|---|---|
| $U_1$ | 1.37 | 1.2 | 1.08 | 0.93 | 1.53 | 2.1 | 1.35 | 1.42 | 1.36 | 2.04 |
| $U_2$ | 1.7 | 1.09 | 0.97 | 1.11 | 1.43 | 1.23 | 1.36 | 1.28 | 1.18 | 1.9 |
| $U_3$ | 1.44 | 1 | 2.33 | 0.98 | 1.41 | 1.87 | 1.3 | 1.3 | 1.25 | 1.01 |
| $M_1$ | 1.75 | 0.92 | 1.12 | 1.11 | | | | | | |
| $M_2$ | 1.49 | 1.03 | 1.12 | | 1.34 | | | | | |
| $M_3$ | 1.44 | 1.15 | 2.28 | | | 1.1 | | | | |
| $K_1$ | 1.19 | 0.95 | 1.13 | | | | 1.33 | | | |
| $K_2$ | 1.24 | 0.83 | 0.9 | | | | | 1.35 | | |
| $K_3$ | 1.58 | 0.83 | 0.95 | | | | | | 1.61 | |
| $K_4$ | 1.46 | 1.02 | 0.9 | | | | | | | 1.49 |

Lampiran 20. Tabel Data Rata-rata Hasil Persilangan pada Jumlah Biji Per Baris

| ♂ \ ♀ | $U_1$ | $U_2$ | $U_3$ | $M_1$ | $M_2$ | $M_3$ | $K_1$ | $K_2$ | $K_3$ | $K_4$ |
|---|---|---|---|---|---|---|---|---|---|---|
| $U_1$ | 29.7 | 30.1 | 31.66 | 15.9 | 27.3 | 22.66 | 15.33 | 22.85 | 13.2 | 17.42 |
| $U_2$ | 25 | 29.37 | 25.2 | 18.6 | 29.8 | 24.62 | 17.8 | 17.88 | 23.11 | 16.5 |
| $U_3$ | 30.3 | 26.2 | 29.4 | 18.66 | 28.66 | 23 | 16.5 | 14 | 28.25 | 14.33 |
| $M_1$ | 24.6 | 22.57 | 24.1 | 23.57 | | | | | | |
| $M_2$ | 19.5 | 30.12 | 26.1 | | 16.2 | | | | | |
| $M_3$ | 25.3 | 24.4 | 29.2 | | | 26.6 | | | | |
| $K_1$ | 20 | 24.4 | 18.62 | | | | 18.11 | | | |
| $K_2$ | 21.11 | 29.25 | 24.3 | | | | | 23.75 | | |
| $K_3$ | 13.2 | 23.2 | 18.3 | | | | | | 18.33 | |
| $K_4$ | 19.8 | 26.7 | 23.4 | | | | | | | 14.9 |

Keterangan : ■ = *selfing*
□ = *crossing*

Lampiran 21. Tabel Data Rata-rata Hasil Persilangan pada Jumlah Baris Biji

| ♀ / ♂ | $U_1$ | $U_2$ | $U_3$ | $M_1$ | $M_2$ | $M_3$ | $K_1$ | $K_2$ | $K_3$ | $K_4$ |
|---|---|---|---|---|---|---|---|---|---|---|
| $U_1$ | 13.4 | 10.1 | 9.11 | 9.2 | 12.2 | 10.88 | 11.11 | 8.57 | 8 | 10.28 |
| $U_2$ | 14.22 | 10.88 | 8.6 | 10.4 | 14 | 13 | 12 | 7.77 | 11.11 | 9.33 |
| $U_3$ | 15.2 | 10.8 | 9.4 | 10.66 | 12.66 | 9.8 | 10 | 9 | 13 | 8.66 |
| $M_1$ | 12 | 9.14 | 8.8 | 11.83 | | | | | | |
| $M_2$ | 9 | 11.5 | 10 | | 11.6 | | | | | |
| $M_3$ | 12.6 | 10.2 | 9.6 | | | 11.6 | | | | |
| $K_1$ | 12 | 10.2 | 9.5 | | | | 10.66 | | | |
| $K_2$ | 11.55 | 10.75 | 8.8 | | | | | 10.25 | | |
| $K_3$ | 9.4 | 10.4 | 8 | | | | | | 11 | |
| $K_4$ | 12 | 11 | 8.8 | | | | | | | 8.8 |

Lampiran 22. Tabel Data Rata-rata Hasil Persilangan pada Panjang Biji (mm)

| ♀ / ♂ | $U_1$ | $U_2$ | $U_3$ | $M_1$ | $M_2$ | $M_3$ | $K_1$ | $K_2$ | $K_3$ | $K_4$ |
|---|---|---|---|---|---|---|---|---|---|---|
| $U_1$ | 7.3 | 7.3 | 7.44 | 6.6 | 9.26 | 7.27 | 7.22 | 8.71 | 6.2 | 8.14 |
| $U_2$ | 7.88 | 6.1 | 6.95 | 7.2 | 8.85 | 7.87 | 6.8 | 6.83 | 7.27 | 6 |
| $U_3$ | 7.8 | 7.6 | 7.4 | 7.66 | 8 | 7.9 | 6.33 | 7 | 7.5 | 5.66 |
| $M_1$ | 7.45 | 6.28 | 6.9 | 8.71 | | | | | | |
| $M_2$ | 7 | 7.12 | 7.45 | | 8.6 | | | | | |
| $M_3$ | 7.4 | 6.2 | 6.7 | | | 7.4 | | | | |
| $K_1$ | 6.8 | 6.6 | 6.5 | | | | 6.66 | | | |
| $K_2$ | 6.44 | 6.25 | 7 | | | | | 7.11 | | |
| $K_3$ | 7.25 | 6.3 | 5.8 | | | | | | 8.14 | |
| $K_4$ | 7.6 | 6 | 7 | | | | | | | 5.7 |

Lampiran 23. Tabel Data Rata-rata Hasil Persilangan pada Lebar Biji (mm)

| ♀ / ♂ | $U_1$ | $U_2$ | $U_3$ | $M_1$ | $M_2$ | $M_3$ | $K_1$ | $K_2$ | $K_3$ | $K_4$ |
|---|---|---|---|---|---|---|---|---|---|---|
| $U_1$ | 5.7 | 7.8 | 8.88 | 7.8 | 8.06 | 7.72 | 7.22 | 8.14 | 7.8 | 7.28 |
| $U_2$ | 6.66 | 6.6 | 8.15 | 8.1 | 8.4 | 7.43 | 7.4 | 7.72 | 7.66 | 7 |
| $U_3$ | 6.9 | 7.4 | 8.3 | 8.33 | 8.66 | 8 | 7 | 8 | 7.25 | 6.83 |
| $M_1$ | 7.35 | 7.28 | 8.4 | 7.42 | | | | | | |
| $M_2$ | 7.9 | 7.37 | 8.65 | | 9.2 | | | | | |
| $M_3$ | 6.9 | 7.5 | 7.9 | | | 6.6 | | | | |
| $K_1$ | 7.35 | 7.1 | 8.9 | | | | 7.66 | | | |
| $K_2$ | 7.11 | 7.25 | 7.9 | | | | | 7.88 | | |
| $K_3$ | 7.35 | 7.5 | 8.1 | | | | | | 7.14 | |
| $K_4$ | 7.2 | 7.25 | 8.1 | | | | | | | 7.3 |

Keterangan : ■ = *selfing*
□ = *crossing*

Lampiran 24. Tabel Data Rata-rata Hasil Persilangan pada Tebal Biji (mm)

| ♂ \ ♀ | $U_1$ | $U_2$ | $U_3$ | $M_1$ | $M_2$ | $M_3$ | $K_1$ | $K_2$ | $K_3$ | $K_4$ |
|---|---|---|---|---|---|---|---|---|---|---|
| $U_1$ | 2.6 | 4.1 | 3.66 | 6 | 4.28 | 5.44 | 5.55 | 5.71 | 6.55 | 5 |
| $U_2$ | 4.33 | 4.2 | 5.2 | 5 | 4.95 | 4.5 | 6 | 4.66 | 5.33 | 7 |
| $U_3$ | 3.5 | 4.2 | 4.1 | 5.16 | 6 | 4.5 | 5.5 | 6.75 | 5 | 6.33 |
| $M_1$ | 5.1 | 5.85 | 5.2 | 3.28 | | | | | | |
| $M_2$ | 6.8 | 4.75 | 3.85 | | 5.8 | | | | | |
| $M_3$ | 4.5 | 6.2 | 4.1 | | | 2.6 | | | | |
| $K_1$ | 5.9 | 5.4 | 6.6 | | | | 4.22 | | | |
| $K_2$ | 5.55 | 3.75 | 4.4 | | | | | 4.11 | | |
| $K_3$ | 6.9 | 5.95 | 7.1 | | | | | | 4.14 | |
| $K_4$ | 5 | 5 | 4.1 | | | | | | | 5.5 |

Keterangan : ■ = *selfing*
□ = *crossing*

Lampiran 25. Analisa Uji F pada Susunan Baris Biji

| | U1- | U1 x U2- |
|---|---|---|
| Rata-rata | 2.2 | 1.444444 |
| Varians | 1.733333 | 1.277778 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.356522 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1- | U1 xU3- |
|---|---|---|
| Rata-rata | 2.2 | 1.4 |
| Varians | 1.733333 | 0.933333 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.857143 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1- | U1 x M1- |
|---|---|---|
| Rata-rata | 2.2 | 1.8 |
| Varians | 1.733333 | 1.733333 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1- | U1 x M2- |
|---|---|---|
| Rata-rata | 2.2 | 1.9 |
| Varians | 1.733333 | 0.1 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 17.33333 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

| | U1- | U1 x M3- |
|---|---|---|
| Rata-rata | 2.2 | 1.5 |
| Varians | 1.733333 | 0.277778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 6.24 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

| | U1- | U1 x K1- |
|---|---|---|
| Rata-rata | 2.2 | 2 |
| Varians | 1.733333 | 0.666667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 2.6 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1- | U1 x K2- |
|---|---|---|
| Rata-rata | 2.2 | 1.777778 |
| Varians | 1.733333 | 0.194444 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 8.914286 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | heterogen | |

| | U1- | U1 x K3- |
|---|---|---|
| Rata-rata | 2.2 | 1.6 |
| Varians | 1.733333 | 0.488889 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 3.545455 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

| | U1- | U1 x K4- |
|---|---|---|
| Rata-rata | 2.2 | 1.3 |
| Varians | 1.733333 | 0.677778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 2.557377 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

Lanjutan Lampiran 25. Analisa Uji F pada Susunan Baris Biji

| | U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 2.2 | 1.8 |
| Varians | 1.066667 | 0.844444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.263158 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U2- | U2 x U3- |
|---|---|---|
| Rata-rata | 2.2 | 1.8 |
| Varians | 1.066667 | 1.7 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 0.627451 | |
| $F_{tabel\ 5\%}$ | 0.275248 | |
| | heterogen | |

| | U2- | U2 x M1- |
|---|---|---|
| Rata-rata | 2.2 | 1.714286 |
| Varians | 1.066667 | 1.571429 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 0.678788 | |
| $F_{tabel\ 5\%}$ | 0.296406 | |
| | heterogen | |

| | U2- | U2 x M2- |
|---|---|---|
| Rata-rata | 2.2 | 1.875 |
| Varians | 1.066667 | 0.982143 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 1.086061 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | homogen | |

| | U2- | U2 x M3- |
|---|---|---|
| Rata-rata | 2.2 | 1.7 |
| Varians | 1.066667 | 0.233333 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 4.571429 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

| | U2- | U2 x K1- |
|---|---|---|
| Rata-rata | 2.2 | 1.4 |
| Varians | 1.066667 | 0.266667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 4 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

| | U2- | U2 x K2- |
|---|---|---|
| Rata-rata | 2.2 | 1.25 |
| Varians | 1.066667 | 0.214286 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 4.977778 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | heterogen | |

| | U2- | U2 x K3- |
|---|---|---|
| Rata-rata | 2.2 | 1.5 |
| Varians | 1.066667 | 0.277778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 3.84 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

| | U2- | U2 x K4- |
|---|---|---|
| Rata-rata | 2.2 | 1.5 |
| Varians | 1.066667 | 0.277778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 3.84 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

Lanjutan Lampiran 25. Analisa Uji F pada Susunan Baris Biji

| | U3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1.2 | 1.666667 |
| Varians | 0.177778 | 1 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.177778 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | homogen | |

| | U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1.2 | 1.3 |
| Varians | 0.177778 | 0.233333 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.761905 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3- | U3 x M1- |
|---|---|---|
| Rata-rata | 1.2 | 1.8 |
| Varians | 0.177778 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3- | U3 x M2- |
|---|---|---|
| Rata-rata | 1.2 | 1.2 |
| Varians | 0.177778 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3- | U3 x M3- |
|---|---|---|
| Rata-rata | 1.2 | 1.4 |
| Varians | 0.177778 | 0.266667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.666667 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3- | U3 x K1- |
|---|---|---|
| Rata-rata | 1.2 | 1.75 |
| Varians | 0.177778 | 1.071429 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 0.165926 | |
| $F_{tabel\ 5\%}$ | 0.303698 | |
| | homogen | |

| | U3- | U3 x K2- |
|---|---|---|
| Rata-rata | 1.2 | 1.3 |
| Varians | 0.177778 | 0.233333 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.761905 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3- | U3 x K3- |
|---|---|---|
| Rata-rata | 1.2 | 1.5 |
| Varians | 0.177778 | 0.277778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.64 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3- | U3 x K4- |
|---|---|---|
| Rata-rata | 1.2 | 1.5 |
| Varians | 0.177778 | 0.5 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.355556 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

Lanjutan Lampiran 25. Analisa Uji F pada Susunan Baris Biji

| | M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1.571429 | 1.7 |
| Varians | 0.285714 | 0.455556 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 0.627178 | |
| $F_{tabel\ 5\%}$ | 0.243961 | |
| | heterogen | |

| | M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1.571429 | 1.7 |
| Varians | 0.285714 | 0.233333 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 1.22449 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | homogen | |

| | M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1.571429 | 2.166667 |
| Varians | 0.285714 | 0.966667 |
| Sampel | 7 | 6 |
| db | 6 | 5 |
| $F_{hitung}$ | 0.295567 | |
| $F_{tabel\ 5\%}$ | 0.227927 | |
| | heterogen | |

| | M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 1.6 |
| Varians | 0.266667 | 0.711111 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.375 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1.6 | 1.9 |
| Varians | 0.266667 | 1.433333 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.186047 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1.6 | 2 |
| Varians | 0.266667 | 0 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 65535 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | heterogen | |

| | M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 1.5 | 2.333333 |
| Varians | 0.944444 | 1 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.944444 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.5 | 1.5 |
| Varians | 0.944444 | 0.285714 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 3.305556 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | homogen | |

| | M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1.5 | 1.5 |
| Varians | 0.944444 | 0.277778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 3.4 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

Lanjutan Lampiran 25. Analisa Uji F pada Susunan Baris Biji

| | K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 1.777778 | 1.888889 |
| Varians | 0.194444 | 0.111111 |
| Sampel | 9 | 9 |
| db | 8 | 8 |
| $F_{hitung}$ | 1.75 | |
| $F_{tabel\ 5\%}$ | 3.438101 | |
| | homogen | |

| | K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1.777778 | 1.6 |
| Varians | 0.194444 | 0.3 |
| Sampel | 9 | 5 |
| db | 8 | 4 |
| $F_{hitung}$ | 0.648148 | |
| $F_{tabel\ 5\%}$ | 0.260562 | |
| | heterogen | |

| | K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1.777778 | 2 |
| Varians | 0.194444 | 1.2 |
| Sampel | 9 | 6 |
| db | 8 | 5 |
| $F_{hitung}$ | 0.162037 | |
| $F_{tabel\ 5\%}$ | 0.271187 | |
| | homogen | |

| | K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.666667 | 1.142857 |
| Varians | 0.25 | 0.47619 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0.525 | |
| $F_{tabel\ 5\%}$ | 0.279284 | |
| | heterogen | |

| | K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.666667 | 1.111111 |
| Varians | 0.25 | 1.111111 |
| Sampel | 9 | 9 |
| db | 8 | 8 |
| $F_{hitung}$ | 0.225 | |
| $F_{tabel\ 5\%}$ | 0.290858 | |
| | homogen | |

| | K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.666667 | 1.5 |
| Varians | 0.25 | 1 |
| Sampel | 9 | 4 |
| db | 8 | 3 |
| $F_{hitung}$ | 0.25 | |
| $F_{tabel\ 5\%}$ | 0.245931 | |
| | heterogen | |

| | K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1.666667 | 1.4 |
| Varians | 0.266667 | 0.711111 |
| Sampel | 6 | 10 |
| db | 5 | 9 |
| $F_{hitung}$ | 0.375 | |
| $F_{tabel\ 5\%}$ | 0.209535 | |
| | heterogen | |

| | K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1.666667 | 2 |
| Varians | 0.266667 | 0.75 |
| Sampel | 6 | 9 |
| db | 5 | 8 |
| $F_{hitung}$ | 0.355556 | |
| $F_{tabel\ 5\%}$ | 0.207541 | |
| | heterogen | |

| | K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1.666667 | 1.25 |
| Varians | 0.266667 | 0.25 |
| Sampel | 6 | 4 |
| db | 5 | 3 |
| $F_{hitung}$ | 1.066667 | |
| $F_{tabel\ 5\%}$ | 9.013455 | |
| | homogen | |

Lanjutan Lampiran 25. Analisa Uji F pada Susunan Baris Biji

| | K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1.7 | 1.714286 |
| Varians | 0.233333 | 0.238095 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 0.98 | |
| $F_{tabel\ 5\%}$ | 0.296406 | |
| | heterogen | |

| | K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.7 | 1.666667 |
| Varians | 0.233333 | 0.266667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.875 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1.7 | 1.833333 |
| Varians | 0.233333 | 0.166667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.4 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 1.444444 | 1.8 |
| Varians | 1.277778 | 0.844444 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 1.513158 | |
| $F_{tabel\ 5\%}$ | 3.229583 | |
| | homogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1.4 | 1.666667 |
| Varians | 0.933333 | 1 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.933333 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1.8 | 1.7 |
| Varians | 1.733333 | 0.455556 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 3.804878 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1.9 | 1.6 |
| Varians | 0.1 | 0.711111 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.140625 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 1.5 | 2.333333 |
| Varians | 0.277778 | 1 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.277778 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | homogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 2 | 1.888889 |
| Varians | 0.666667 | 0.111111 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 6 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | heterogen | |

Lanjutan Lampiran 25. Analisa Uji F pada Susunan Baris Biji

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.777778 | 1.142857 |
| Varians | 0.194444 | 0.47619 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0.408333 | |
| $F_{tabel\ 5\%}$ | 0.279284 | |
| | heterogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 1.4 |
| Varians | 0.488889 | 0.711111 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.6875 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1.3 | 1.714286 |
| Varians | 0.677778 | 0.238095 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 2.846667 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1.8 | 1.3 |
| Varians | 1.7 | 0.233333 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 7.285714 | |
| $F_{tabel\ 5\%}$ | 3.633089 | |
| | heterogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1.714286 | 1.7 |
| Varians | 1.571429 | 0.233333 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 6.734694 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | heterogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1.875 | 1.9 |
| Varians | 0.982143 | 1.433333 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 0.685216 | |
| $F_{tabel\ 5\%}$ | 0.271985 | |
| | heterogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.7 | 1.5 |
| Varians | 0.233333 | 0.285714 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 0.816667 | |
| $F_{tabel\ 5\%}$ | 0.303698 | |
| | heterogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1.4 | 1.6 |
| Varians | 0.266667 | 0.3 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 0.888889 | |
| $F_{tabel\ 5\%}$ | 0.275248 | |
| | heterogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.25 | 1.111111 |
| Varians | 0.214286 | 1.111111 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 0.192857 | |
| $F_{tabel\ 5\%}$ | 0.268404 | |
| | homogen | |

Lanjutan Lampiran 25. Analisa Uji F pada Susunan Baris Biji

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1.5 | 2 |
| Varians | 0.277778 | 0.75 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.37037 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.5 | 1.666667 |
| Varians | 0.277778 | 0.266667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.041667 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1.8 | 2.166667 |
| Varians | 0.177778 | 0.966667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.183908 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1.2 | 2 |
| Varians | 0.177778 | 0 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 65535 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | heterogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1.4 | 1.5 |
| Varians | 0.266667 | 0.277778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.96 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1.75 | 2 |
| Varians | 1.071429 | 1.2 |
| Sampel | 8 | 6 |
| db | 7 | 5 |
| $F_{hitung}$ | 0.892857 | |
| $F_{tabel\ 5\%}$ | 0.251793 | |
| | heterogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.3 | 1.5 |
| Varians | 0.233333 | 1 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.233333 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | homogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1.5 | 1.25 |
| Varians | 0.277778 | 0.25 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 1.111111 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | homogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1.5 | 1.833333 |
| Varians | 0.5 | 0.166667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 3 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

Lampiran 26. Analisa Uji F pada Warna Janggel

| | U1- | U1 x U2- |
|---|---|---|
| Rata-rata | 3 | 2.666667 |
| Varians | 2.666667 | 2.5 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.066667 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1- | U1 xU3- |
|---|---|---|
| Rata-rata | 3 | 2.9 |
| Varians | 2.666667 | 2.322222 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.148325 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1- | U1 x M1- |
|---|---|---|
| Rata-rata | 3 | 3.7 |
| Varians | 2.666667 | 1.566667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.702128 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1- | U1 x M2- |
|---|---|---|
| Rata-rata | 3 | 3.2 |
| Varians | 2.666667 | 3.733 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.714286 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1- | U1 x M3- |
|---|---|---|
| Rata-rata | 3 | 2.3 |
| Varians | 2.666667 | 2.9 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.91954 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1- | U1 x K1- |
|---|---|---|
| Rata-rata | 3 | 3.3 |
| Varians | 2.666667 | 2.677778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.995851 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1- | U1 x K2- |
|---|---|---|
| Rata-rata | 3 | 3 |
| Varians | 2.666667 | 2.25 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.185185 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1- | U1 x K3- |
|---|---|---|
| Rata-rata | 3 | 2.8 |
| Varians | 2.666667 | 2.622222 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.016949 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1- | U1 x K4- |
|---|---|---|
| Rata-rata | 3 | 3.7 |
| Varians | 2.666667 | 1.344444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.983471 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

Lanjutan Lampiran 26. Analisa Uji F pada Warna Janggel

| | U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U2- | U2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.275248 | |
| | homogen | |

| | U2- | U2 x M1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.296406 | |
| | homogen | |

| | U2- | U2 x M2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.303698 | |
| | homogen | |

| | U2- | U2 x M3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U2- | U2 x K1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U2- | U2 x K2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.303698 | |
| | homogen | |

| | U2- | U2 x K3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U2- | U2 x K4- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

Lanjutan Lampiran 26. Analisa Uji F pada Warna Janggel

| | U3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | homogen | |

| | U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3- | U3 x M1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3- | U3 x M2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3- | U3 x M3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3- | U3 x K1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3- | U3 x K2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3- | U3 x K3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3- | U3 x K4- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

Lanjutan Lampiran 26. Analisa Uji F pada Warna Janggel

| | M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.243961 | |
| | homogen | |

| | M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.243961 | |
| | homogen | |

| | M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 7 | 6 |
| db | 6 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.227927 | |
| | homogen | |

| | M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1 | 1.4 |
| Varians | 0 | 1.6 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 1.4 | 1 |
| Varians | 1.6 | 0 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.4 | 1 |
| Varians | 1.6 | 0 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | homogen | |

| | M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1.4 | 1.4 |
| Varians | 1.6 | 1.6 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

Lanjutan Lampiran 26. Analisa Uji F pada Warna Janggel

| | K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 9 | 9 |
| db | 8 | 8 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.290858 | |
| | homogen | |

| | K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 9 | 5 |
| db | 8 | 4 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.260562 | |
| | homogen | |

| | K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 9 | 6 |
| db | 8 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.271187 | |
| | homogen | |

| | K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.444444 | 1 |
| Varians | 1.777778 | 0 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 4.146804 | |
| | homogen | |

| | K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.444444 | 1.444444 |
| Varians | 1.777778 | 1.777778 |
| Sampel | 9 | 9 |
| db | 8 | 8 |
| $F_{hitung}$ | 1 | |
| $F_{tabel\ 5\%}$ | 0.290858 | |
| | heterogen | |

| | K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.444444 | 1 |
| Varians | 1.777778 | 0 |
| Sampel | 9 | 4 |
| db | 8 | 3 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 8.845238 | |
| | homogen | |

| | K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.243961 | |
| | homogen | |

| | K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 7 | 9 |
| db | 6 | 8 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.24115 | |
| | homogen | |

| | K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 7 | 4 |
| db | 6 | 3 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.210214 | |
| | homogen | |

Lanjutan Lampiran 26. Analisa Uji F pada Warna Janggel

| | K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.296406 | |
| | homogen | |

| | K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1 | 1.166667 |
| Varians | 0 | 0.166667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 2.666667 | 1 |
| Varians | 2.5 | 0 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 3.229583 | |
| | homogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 2.9 | 1 |
| Varians | 2.322222 | 0 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 3.7 | 1 |
| Varians | 1.566667 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 3.2 | 1.4 |
| Varians | 3.733333 | 1.6 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 2.333333 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 2.3 | 1 |
| Varians | 2.9 | 0 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 3.3 | 1 |
| Varians | 2.677778 | 0 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

Lanjutan Lampiran 26. Analisa Uji F pada Warna Janggel

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 3 | 1 |
| Varians | 2.25 | 0 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 4.146804 | |
| | homogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 2.8 | 1 |
| Varians | 2.622222 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 3.7 | 1 |
| Varians | 1.344444 | 0 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.166701 | |
| | homogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.243961 | |
| | homogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.271985 | |
| | homogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.303698 | |
| | homogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.275248 | |
| | homogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1 | 1.444444 |
| Varians | 0 | 1.777778 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.268404 | |
| | homogen | |

Lanjutan Lampiran 26. Analisa Uji F pada Warna Janggel

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | homogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1 | 1.4 |
| Varians | 0 | 1.6 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | homogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | homogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1 | 1.166667 |
| Varians | 0 | 0.166667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

Lampiran 27. Analisa Uji F pada Bentuk Tongkol

| | U1- | U1 x U2- |
|---|---|---|
| Rata-rata | 1.6 | 1.333333 |
| Varians | 0.266667 | 0.5 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.533333 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1- | U1 xU3- |
|---|---|---|
| Rata-rata | 1.6 | 1.4 |
| Varians | 0.266667 | 0.266667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1- | U1 x M1- |
|---|---|---|
| Rata-rata | 1.6 | 1.6 |
| Varians | 0.266667 | 0.711111 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.375 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1- | U1 x M2- |
|---|---|---|
| Rata-rata | 1.6 | 1.5 |
| Varians | 0.266667 | 0.277778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.96 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1- | U1 x M3- |
|---|---|---|
| Rata-rata | 1.6 | 1.8 |
| Varians | 0.266667 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.5 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1- | U1 x K1- |
|---|---|---|
| Rata-rata | 1.6 | 2 |
| Varians | 0.266667 | 0.222222 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.2 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1- | U1 x K2- |
|---|---|---|
| Rata-rata | 1.6 | 1.5 |
| Varians | 0.266667 | 0.277778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.96 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1- | U1 x K3- |
|---|---|---|
| Rata-rata | 1.6 | 1.6 |
| Varians | 0.266667 | 0.488889 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.545455 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1- | U1 x K4- |
|---|---|---|
| Rata-rata | 1.6 | 1.1 |
| Varians | 0.266667 | 0.544444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.489796 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

Lanjutan Lampiran 27. Analisa Uji F pada Bentuk Tongkol

| | U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 1.2 |
| Varians | 0.266667 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.5 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U2- | U2 x U3- |
|---|---|---|
| Rata-rata | 1.6 | 1.4 |
| Varians | 0.266667 | 0.3 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 0.888889 | |
| $F_{tabel\ 5\%}$ | 0.275248 | |
| | heterogen | |

| | U2- | U2 x M1- |
|---|---|---|
| Rata-rata | 1.6 | 1 |
| Varians | 0.266667 | 0.333333 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 0.8 | |
| $F_{tabel\ 5\%}$ | 0.296406 | |
| | heterogen | |

| | U2- | U2 x M2- |
|---|---|---|
| Rata-rata | 1.6 | 1.2 |
| Varians | 0.266667 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.5 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U2- | U2 x M3- |
|---|---|---|
| Rata-rata | 1.6 | 1.2 |
| Varians | 0.266667 | 0.4 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.666667 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U2- | U2 x K1- |
|---|---|---|
| Rata-rata | 1.6 | 1.2 |
| Varians | 0.266667 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.5 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U2- | U2 x K2- |
|---|---|---|
| Rata-rata | 1.6 | 1.375 |
| Varians | 0.266667 | 0.267857 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 0.995556 | |
| $F_{tabel\ 5\%}$ | 0.303698 | |
| | heterogen | |

| | U2- | U2 x K3- |
|---|---|---|
| Rata-rata | 1.6 | 1.3 |
| Varians | 0.266667 | 0.233333 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.142857 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U2- | U2 x K4- |
|---|---|---|
| Rata-rata | 1.6 | 1.6 |
| Varians | 0.266667 | 0.266667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

Lanjutan Lampiran 27. Analisa Uji F pada Bentuk Tongkol

| | U3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1.8 | 1.555556 |
| Varians | 0.177778 | 0.277778 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.64 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1.8 | 1 |
| Varians | 0.177778 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 65535 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

| | U3- | U3 x M1- |
|---|---|---|
| Rata-rata | 1.8 | 1.5 |
| Varians | 0.177778 | 0.277778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.64 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3- | U3 x M2- |
|---|---|---|
| Rata-rata | 1.8 | 1.2 |
| Varians | 0.177778 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U3- | U3 x M3- |
|---|---|---|
| Rata-rata | 1.8 | 1.5 |
| Varians | 0.177778 | 0.277778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.64 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3- | U3 x K1- |
|---|---|---|
| Rata-rata | 1.8 | 1.625 |
| Varians | 0.177778 | 0.267857 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 0.663704 | |
| $F_{tabel\ 5\%}$ | 0.303698 | |
| | heterogen | |

| | U3- | U3 x K2- |
|---|---|---|
| Rata-rata | 1.8 | 1.6 |
| Varians | 0.177778 | 0.266667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.666667 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3- | U3 x K3- |
|---|---|---|
| Rata-rata | 1.8 | 1.8 |
| Varians | 0.177778 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3- | U3 x K4- |
|---|---|---|
| Rata-rata | 1.8 | 1.4 |
| Varians | 0.177778 | 0.266667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.666667 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

Lanjutan Lampiran 27. Analisa Uji F pada Bentuk Tongkol

| | M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1 | 1.2 |
| Varians | 0 | 0.177778 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.243961 | |
| | homogen | |

| | M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1.1 |
| Varians | 0 | 0.1 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.243961 | |
| | homogen | |

| | M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1 | 1.5 |
| Varians | 0 | 0.3 |
| Sampel | 7 | 6 |
| db | 6 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.227927 | |
| | homogen | |

| | M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1 | 1.3 |
| Varians | 0 | 0.455556 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1.333333 |
| Varians | 0 | 0.266667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 2.1 | 1.333333 |
| Varians | 0.322222 | 0.25 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.288889 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 2.1 | 1.125 |
| Varians | 0.322222 | 0.125 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 2.577778 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | homogen | |

| | M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 2.1 | 1.2 |
| Varians | 0.322222 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.8125 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

Lanjutan Lampiran 27. Analisa Uji F pada Bentuk Tongkol

| | K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 2 | 1.222222 |
| Varians | 0.5 | 0.194444 |
| Sampel | 9 | 9 |
| db | 8 | 8 |
| $F_{hitung}$ | 2.571429 | |
| $F_{tabel\ 5\%}$ | 3.438101 | |
| | homogen | |

| | K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 2 | 1 |
| Varians | 0.5 | 0 |
| Sampel | 9 | 5 |
| db | 8 | 4 |
| $F_{hitung}$ | 65535 | |
| $F_{tabel\ 5\%}$ | 6.041044 | |
| | heterogen | |

| | K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 2 | 1.333333 |
| Varians | 0.5 | 0.266667 |
| Sampel | 9 | 6 |
| db | 8 | 5 |
| $F_{hitung}$ | 1.875 | |
| $F_{tabel\ 5\%}$ | 4.81832 | |
| | homogen | |

| | K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 0.857143 |
| Varians | 0.488889 | 0.142857 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 3.422222 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

| | K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.6 | 0.777778 |
| Varians | 0.488889 | 0.444444 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.1 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.6 | 1 |
| Varians | 0.488889 | 0.666667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.733333 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | heterogen | |

| | K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1.571429 | 0.9 |
| Varians | 0.619048 | 0.322222 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 1.921182 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | homogen | |

| | K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1.571429 | 1.111111 |
| Varians | 0.619048 | 0.111111 |
| Sampel | 7 | 9 |
| db | 6 | 8 |
| $F_{hitung}$ | 5.571429 | |
| $F_{tabel\ 5\%}$ | 3.58058 | |
| | heterogen | |

| | K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1.571429 | 1.25 |
| Varians | 0.619048 | 0.25 |
| Sampel | 7 | 4 |
| db | 6 | 3 |
| $F_{hitung}$ | 2.47619 | |
| $F_{tabel\ 5\%}$ | 8.940645 | |
| | homogen | |

Lanjutan Lampiran 27. Analisa Uji F pada Bentuk Tongkol

| | K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1.4 | 1.285714 |
| Varians | 0.266667 | 0.238095 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 1.12 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

| | K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.4 | 1 |
| Varians | 0.266667 | 0 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 65535 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | heterogen | |

| | K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1.4 | 1.5 |
| Varians | 0.266667 | 0.7 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.380952 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 1.333333 | 1.2 |
| Varians | 0.5 | 0.177778 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 2.8125 | |
| $F_{tabel\ 5\%}$ | 3.229583 | |
| | heterogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1.4 | 1.555556 |
| Varians | 0.266667 | 0.277778 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.96 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 1.2 |
| Varians | 0.711111 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 4 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1.5 | 1.3 |
| Varians | 0.277778 | 0.455556 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.609756 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 1.8 | 1.333333 |
| Varians | 0.177778 | 0.25 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.711111 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 2 | 1.222222 |
| Varians | 0.222222 | 0.194444 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.142857 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

Lanjutan Lampiran 27. Analisa Uji F pada Bentuk Tongkol

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.5 | 0.857143 |
| Varians | 0.277778 | 0.142857 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 1.944444 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 0.9 |
| Varians | 0.488889 | 0.322222 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.517241 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1.1 | 1.285714 |
| Varians | 0.544444 | 0.238095 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 2.286667 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1.4 | 1 |
| Varians | 0.3 | 0 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 65535 | |
| $F_{tabel\ 5\%}$ | 3.633089 | |
| | heterogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1.1 |
| Varians | 0.333333 | 0.1 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 3.333333 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | homogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1.2 | 1 |
| Varians | 0.177778 | 0 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 65535 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.2 | 1.125 |
| Varians | 0.4 | 0.125 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 3.2 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | homogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1.2 | 1 |
| Varians | 0.177778 | 0 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 65535 | |
| $F_{tabel\ 5\%}$ | 5.998779 | |
| | heterogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.375 | 0.777778 |
| Varians | 0.267857 | 0.444444 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 0.602679 | |
| $F_{tabel\ 5\%}$ | 0.268404 | |
| | heterogen | |

Lanjutan Lampiran 27. Analisa Uji F pada Bentuk Tongkol

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1.3 | 1.111111 |
| Varians | 0.233333 | 0.111111 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 2.1 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.6 | 1 |
| Varians | 0.266667 | 0 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 65535 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | heterogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1.5 | 1.5 |
| Varians | 0.277778 | 0.3 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.925926 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1.2 | 1.333333 |
| Varians | 0.177778 | 0.266667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.666667 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1.5 | 1.2 |
| Varians | 0.277778 | 0.177778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.5625 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1.625 | 1.333333 |
| Varians | 0.267857 | 0.266667 |
| Sampel | 8 | 6 |
| db | 7 | 5 |
| $F_{hitung}$ | 1.004464 | |
| $F_{tabel\ 5\%}$ | 4.875872 | |
| | homogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.6 | 1 |
| Varians | 0.266667 | 0.666667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.4 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | heterogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1.8 | 1.25 |
| Varians | 0.177778 | 0.25 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.711111 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | heterogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1.4 | 1.5 |
| Varians | 0.266667 | 0.7 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.380952 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

Lampiran 28. Analisa Uji F pada Panjang Tongkol

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 16.77778 | 18.05 |
| Varians | 13.63194 | 8.302778 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 1.641853 | |
| $F_{tabel\ 5\%}$ | 3.229583 | |
| | homogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 18.1 | 16.72222 |
| Varians | 8.211111 | 1.069444 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 7.677922 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | heterogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 16.7 | 23.1 |
| Varians | 9.677778 | 1102.378 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.008779 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 16 | 19.2 |
| Varians | 9 | 10.34444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.870032 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 17.3 | 15.72222 |
| Varians | 11.95556 | 8.881944 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.346052 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 15.7 | 13.38889 |
| Varians | 15.01111 | 6.486111 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 2.314347 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 18.11111 | 17.14286 |
| Varians | 2.611111 | 4.809524 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0.542904 | |
| $F_{tabel\ 5\%}$ | 0.279284 | |
| | heterogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 15.95 | 13.9 |
| Varians | 10.80278 | 6.822222 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.583469 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 15.8 | 11.57143 |
| Varians | 4.122222 | 3.619048 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 1.139035 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

Lanjutan Lampiran 28. Analisa Uji F pada Panjang Tongkol

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 15.7 | 16 |
| Varians | 20.95 | 3.5 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 5.985714 | |
| $F_{tabel\ 5\%}$ | 3.633089 | |
| | heterogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 16.71429 | 12.65 |
| Varians | 24.82143 | 7.280556 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 3.409277 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | heterogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 17.6875 | 19.65 |
| Varians | 2.78125 | 6.502778 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 0.427702 | |
| $F_{tabel\ 5\%}$ | 0.271985 | |
| | heterogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 18.15 | 16.625 |
| Varians | 5.391667 | 2.982143 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 1.807984 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | homogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 15.85 | 13.8 |
| Varians | 7.669444 | 3.325 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 2.3066 | |
| $F_{tabel\ 5\%}$ | 5.998779 | |
| | homogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 16.75 | 15.61111 |
| Varians | 8.928571 | 4.236111 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 2.107728 | |
| $F_{tabel\ 5\%}$ | 3.500464 | |
| | homogen | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 17.75 | 14.33333 |
| Varians | 8.347222 | 4.5625 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.829528 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 16.35 | 14.58333 |
| Varians | 3.391667 | 17.14167 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.197861 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 15.3 | 14.08333 |
| Varians | 4.233333 | 1.641667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 2.57868 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

Lanjutan Lampiran 28. Analisa Uji F pada Panjang Tongkol

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 15 | 20.41667 |
| Varians | 2.5 | 2.341667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.067616 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 16.25 | 14.95 |
| Varians | 2.180556 | 19.85833 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.109806 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 14.45 | 12.66667 |
| Varians | 4.636111 | 15.26667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.303675 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 14.5 | 18 |
| Varians | 6.222222 | 10.83333 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.574359 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | heterogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 14.45 | 16.875 |
| Varians | 3.691667 | 2.729167 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 1.352672 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | homogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 15.35 | 10.5 |
| Varians | 5.169444 | 14.9 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.346943 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

Lampiran 29. Analisa Uji F pada Panjang Tangkai Tongkol

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 8.444444 | 10.85 |
| Varians | 9.715278 | 23.05833 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 0.421335 | |
| $F_{tabel\ 5\%}$ | 0.295148 | |
| | heterogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 10.45 | 7.055556 |
| Varians | 5.913889 | 3.465278 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.706613 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 8.15 | 5.1 |
| Varians | 6.502778 | 2.044444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 3.180707 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | heterogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 8.65 | 8.5 |
| Varians | 17.94722 | 8.055556 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 2.227931 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 8.3 | 10.33333 |
| Varians | 9.4 | 12.375 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.759596 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 7.2 | 7.277778 |
| Varians | 9.955556 | 4.069444 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 2.446416 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 9.555556 | 13.57143 |
| Varians | 13.46528 | 16.36905 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0.822606 | |
| $F_{tabel\ 5\%}$ | 0.279284 | |
| | heterogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 6.95 | 12 |
| Varians | 7.136111 | 21.5 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.331912 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 8.9 | 6.857143 |
| Varians | 8.433333 | 5.309524 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 1.588341 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

Lanjutan Lampiran 29. Analisa Uji F pada Panjang Tangkai Tongkol

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 6.7 | 6.55 |
| Varians | 15.7 | 2.747222 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 5.714863 | |
| $F_{tabel\ 5\%}$ | 3.633089 | |
| | heterogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 8.571429 | 6.15 |
| Varians | 12.28571 | 8.169444 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 1.503862 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | homogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 9.375 | 6.7 |
| Varians | 6.053571 | 3.844444 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 1.574628 | |
| $F_{tabel\ 5\%}$ | 3.292746 | |
| | homogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 18.7 | 12 |
| Varians | 729.7889 | 44.57143 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 16.37347 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | heterogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 5.6 | 10.1 |
| Varians | 8.822222 | 28.3 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 0.311739 | |
| $F_{tabel\ 5\%}$ | 0.275248 | |
| | heterogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 12.5 | 13.83333 |
| Varians | 38.64286 | 13.5 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 2.862434 | |
| $F_{tabel\ 5\%}$ | 3.500464 | |
| | homogen | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 7.55 | 11.33333 |
| Varians | 10.30278 | 17.9375 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.574371 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 8.3 | 8.666667 |
| Varians | 11.34444 | 16.56667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.684775 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 7.15 | 6.166667 |
| Varians | 1.391667 | 4.266667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.326172 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

Lanjutan Lampiran 29. Analisa Uji F pada Panjang Tangkai Tongkol

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 6.8 | 9.583333 |
| Varians | 5.177778 | 9.841667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.526108 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 8.55 | 6.29 |
| Varians | 3.913889 | 14.28544 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.273977 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 6.75 | 6.75 |
| Varians | 4.569444 | 5.875 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.777778 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 6.5 | 10.25 |
| Varians | 8.111111 | 2.75 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 2.949495 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | homogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 5.65 | 14.625 |
| Varians | 3.613889 | 1.395833 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 2.589055 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | homogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 5.55 | 6.166667 |
| Varians | 6.580556 | 3.966667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.658964 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

Lampiran 30. Analisa Uji F pada Diameter Tongkol

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 3.9 | 3.1 |
| Varians | 0.19 | 0.271111 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 0.70082 | |
| $F_{tabel\ 5\%}$ | 0.295148 | |
| | heterogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 3.91 | 3.177778 |
| Varians | 0.121 | 0.051944 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 2.329412 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 3.72 | 3.02 |
| Varians | 0.132889 | 0.184 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.722222 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 3.33 | 3.93 |
| Varians | 0.109 | 0.435667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.250191 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 3.4 | 3.088889 |
| Varians | 0.12 | 0.181111 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.662577 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 3.2 | 3.255556 |
| Varians | 0.215556 | 0.245278 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.878822 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 3.122222 | 3.514286 |
| Varians | 0.094444 | 0.518095 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0.182292 | |
| $F_{tabel\ 5\%}$ | 0.279284 | |
| | homogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 3.34 | 2.89 |
| Varians | 0.267111 | 0.145444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.836516 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 3.49 | 3.371429 |
| Varians | 0.449889 | 0.232381 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 1.935997 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

Lanjutan Lampiran 30. Analisa Uji F pada Diameter Tongkol

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 3.14 | 2.99 |
| Varians | 0.268 | 0.172111 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 1.557134 | |
| $F_{tabel\ 5\%}$ | 3.633089 | |
| | homogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 2.942857 | 3.01 |
| Varians | 0.20619 | 0.189889 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 1.085848 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | homogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 3.275 | 4.09 |
| Varians | 0.376429 | 0.041 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 9.181185 | |
| $F_{tabel\ 5\%}$ | 3.292746 | |
| | heterogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 14.06 | 3.2875 |
| Varians | 1211.158 | 0.092679 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 13068.37 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | heterogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 2.79 | 3.54 |
| Varians | 0.358778 | 0.053 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 6.769392 | |
| $F_{tabel\ 5\%}$ | 5.998779 | |
| | heterogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 2.875 | 3.144444 |
| Varians | 0.105 | 0.557778 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 0.188247 | |
| $F_{tabel\ 5\%}$ | 0.268404 | |
| | homogen | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 2.94 | 3.033333 |
| Varians | 0.118222 | 0.18 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.65679 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 2.88 | 2.766667 |
| Varians | 0.186222 | 0.158667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.173669 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 3.04 | 3.25 |
| Varians | 0.162667 | 0.227 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.716593 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

Lanjutan Lampiran 30. Analisa Uji F pada Diameter Tongkol

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 3.16 | 3.683333 |
| Varians | 0.096 | 0.221667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.433083 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 2.88 | 3.07 |
| Varians | 0.399556 | 0.375667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.063591 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 2.83 | 3.15 |
| Varians | 0.306778 | 0.251 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.222222 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 2.99 | 3.225 |
| Varians | 0.249889 | 0.315833 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.791205 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | heterogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 2.62 | 3.425 |
| Varians | 0.139556 | 0.209167 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.667198 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | heterogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 5.46 | 2.8 |
| Varians | 68.57156 | 0.124 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 552.9964 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | heterogen | |

Lampiran 31. Analisa Uji F pada Diameter Janggel

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 2.577778 | 1.94 |
| Varians | 0.251944 | 0.047111 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 5.347877 | |
| $F_{tabel\ 5\%}$ | 3.229583 | |
| | heterogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 2.35 | 2 |
| Varians | 0.076111 | 0.0225 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 3.382716 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 2.29 | 1.85 |
| Varians | 0.067667 | 0.102778 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.658378 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 2.26 | 2.34 |
| Varians | 0.078222 | 0.116 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.67433 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 2.28 | 1.855556 |
| Varians | 0.075111 | 0.045278 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.658896 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 2.06 | 2.377778 |
| Varians | 0.073778 | 0.186944 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.394651 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 2.177778 | 2.314286 |
| Varians | 0.029444 | 0.104762 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0.281061 | |
| $F_{tabel\ 5\%}$ | 0.279284 | |
| | heterogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 2.3 | 2.03 |
| Varians | 0.06 | 0.077889 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.770328 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 2.26 | 2.042857 |
| Varians | 0.296 | 0.062857 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 4.709091 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | heterogen | |

Lanjutan Lampiran 31. Analisa Uji F pada Diameter Janggel

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1.9 | 1.85 |
| Varians | 0.115 | 0.142778 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 0.805447 | |
| $F_{tabel\ 5\%}$ | 0.166701 | |
| | heterogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1.842857 | 1.81 |
| Varians | 0.11619 | 0.098778 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 1.176282 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | homogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 2.025 | 2.65 |
| Varians | 0.142143 | 0.031667 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 4.488722 | |
| $F_{tabel\ 5\%}$ | 3.292746 | |
| | heterogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.85 | 2.1875 |
| Varians | 0.105 | 0.08125 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 1.292308 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | homogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1.64 | 2.56 |
| Varians | 0.138222 | 0.038 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 3.637427 | |
| $F_{tabel\ 5\%}$ | 5.998779 | |
| | homogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.6375 | 1.966667 |
| Varians | 0.085536 | 0.0875 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 0.977551 | |
| $F_{tabel\ 5\%}$ | 0.268404 | |
| | heterogen | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1.7 | 1.822222 |
| Varians | 0.075556 | 0.076944 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.981949 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.73 | 1.9 |
| Varians | 0.113444 | 0.18 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.630247 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1.95 | 1.766667 |
| Varians | 0.105 | 0.098667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.064189 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

Lanjutan Lampiran 31. Analisa Uji F pada Diameter Janggel

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1.91 | 2.3 |
| Varians | 0.085444 | 0.08 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.068056 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1.85 | 1.88 |
| Varians | 0.053889 | 0.248444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.216905 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1.74 | 2.2 |
| Varians | 0.204889 | 0.212 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.966457 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.76 | 2.45 |
| Varians | 0.109333 | 0.176667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.618868 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | heterogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1.6 | 2.075 |
| Varians | 0.1 | 0.089167 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 1.121495 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | homogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1.72 | 1.633333 |
| Varians | 0.139556 | 0.122667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.137681 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

Lampiran 32. Analisa Uji F pada Diameter Rachis

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 1.7 | 1.2 |
| Varians | 0.09 | 0.046667 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 1.928571 | |
| $F_{tabel\ 5\%}$ | 3.229583 | |
| | homogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1.44 | 1.088889 |
| Varians | 0.060444 | 0.038611 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.565468 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1.75 | 0.93 |
| Varians | 0.027222 | 0.035667 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.76324 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1.49 | 1.53 |
| Varians | 0.067667 | 0.051222 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.321041 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 1.44 | 2.1 |
| Varians | 0.111556 | 6.745 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.016539 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | homogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 1.19 | 1.355556 |
| Varians | 0.101 | 0.047778 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 2.113953 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.244444 | 1.428571 |
| Varians | 0.107778 | 0.209048 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0.515566 | |
| $F_{tabel\ 5\%}$ | 0.279284 | |
| | heterogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1.58 | 1.36 |
| Varians | 0.126222 | 0.058222 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 2.167939 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1.46 | 2.042857 |
| Varians | 0.073778 | 0.062857 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 1.173737 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

Lanjutan Lampiran 32. Analisa Uji F pada Diameter Rachis

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1 | 0.97 |
| Varians | 0.105 | 0.042333 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 2.480315 | |
| $F_{tabel\ 5\%}$ | 3.633089 | |
| | homogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 0.928571 | 1.11 |
| Varians | 0.092381 | 0.094333 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 0.979303 | |
| $F_{tabel\ 5\%}$ | 0.243961 | |
| | heterogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1.0375 | 1.43 |
| Varians | 0.054107 | 0.055667 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 0.971985 | |
| $F_{tabel\ 5\%}$ | 0.271985 | |
| | heterogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.15 | 1.2375 |
| Varians | 0.160556 | 0.025536 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 6.28749 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | heterogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 0.95 | 1.36 |
| Varians | 0.045 | 0.008 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 5.625 | |
| $F_{tabel\ 5\%}$ | 5.998779 | |
| | homogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 0.8375 | 1.288889 |
| Varians | 0.105536 | 0.076111 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 1.386601 | |
| $F_{tabel\ 5\%}$ | 3.500464 | |
| | homogen | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 0.83 | 1.188889 |
| Varians | 0.082333 | 0.048611 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.693714 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.02 | 1.9 |
| Varians | 0.035111 | 0.18 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.195062 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1.12 | 0.983333 |
| Varians | 0.021778 | 0.033667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.646865 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

Lanjutan Lampiran 32. Analisa Uji F pada Diameter Rachis

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1.12 | 1.416667 |
| Varians | 0.021778 | 0.013667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.593496 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 2.28 | 1.87 |
| Varians | 11.71733 | 6.353444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.844249 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1.13 | 1.3 |
| Varians | 0.191222 | 0.044 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 4.34596 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 0.9 | 1.3 |
| Varians | 0.037778 | 0.226667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.166667 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | homogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 0.95 | 1.25 |
| Varians | 0.040556 | 0.016667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 2.433333 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | homogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 0.9 | 1.016667 |
| Varians | 0.082222 | 0.009667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 8.505747 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | heterogen | |

Lampiran 33. Analisa Uji F pada Jumlah Biji Per Baris

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 25 | 30.1 |
| Varians | 132.75 | 79.65556 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 1.66655 | |
| $F_{tabel\ 5\%}$ | 3.229583 | |
| | homogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 30.3 | 31.66667 |
| Varians | 33.56667 | 32.5 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.032821 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 24.6 | 15.9 |
| Varians | 142.4889 | 87.21111 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.633839 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 19.5 | 27.3 |
| Varians | 95.16667 | 153.1222 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.621508 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 25.3 | 22.66667 |
| Varians | 47.78889 | 49 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.975283 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 20 | 15.33333 |
| Varians | 75.77778 | 65.5 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.156913 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 21.11111 | 22.85714 |
| Varians | 73.61111 | 153.1429 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0.48067 | |
| $F_{tabel\ 5\%}$ | 0.279284 | |
| | heterogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 13.2 | 13.2 |
| Varians | 69.73333 | 79.51111 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.877026 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 19.8 | 17.42857 |
| Varians | 159.5111 | 44.61905 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 3.574956 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

Lanjutan Lampiran 33. Analisa Uji F pada Jumlah Biji Per Baris

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 26.2 | 25.2 |
| Varians | 76.7 | 34.17778 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 2.244148 | |
| $F_{tabel\ 5\%}$ | 3.633089 | |
| | homogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 22.57143 | 18.6 |
| Varians | 183.2857 | 36.48889 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 5.023056 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | heterogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 30.125 | 29.8 |
| Varians | 84.98214 | 85.28889 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 0.996403 | |
| $F_{tabel\ 5\%}$ | 0.271985 | |
| | heterogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 24.4 | 24.625 |
| Varians | 228.4889 | 47.125 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 4.848571 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | heterogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 24.4 | 17.8 |
| Varians | 103.8222 | 64.7 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 1.604671 | |
| $F_{tabel\ 5\%}$ | 5.998779 | |
| | homogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 29.25 | 17.88889 |
| Varians | 53.07143 | 217.3611 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 0.244162 | |
| $F_{tabel\ 5\%}$ | 0.268404 | |
| | homogen | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 23.2 | 23.11111 |
| Varians | 55.73333 | 60.86111 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.915746 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 26.7 | 16.5 |
| Varians | 21.78889 | 27.5 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.792323 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 24.1 | 18.66667 |
| Varians | 37.21111 | 135.4667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.274688 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

Lanjutan Lampiran 33. Analisa Uji F pada Jumlah Biji Per Baris

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 26.1 | 28.66667 |
| Varians | 63.43333 | 277.4667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.228616 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 29.2 | 23 |
| Varians | 55.73333 | 135.3333 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.411823 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | U3 x M3- | M3 x U3- |
| | heterogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 18.625 | 16.5 |
| Varians | 41.98214 | 66.3 |
| Sampel | 8 | 6 |
| db | 7 | 5 |
| $F_{hitung}$ | 0.633215 | |
| $F_{tabel\ 5\%}$ | 0.251793 | |
| | heterogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 24.3 | 14 |
| Varians | 39.12222 | 164.6667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.237584 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | homogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 18.3 | 28.25 |
| Varians | 27.12222 | 32.91667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.823966 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | heterogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 23.4 | 14.33333 |
| Varians | 47.6 | 42.66667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.115625 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

Lampiran 34. Analisa Uji F pada Jumlah Baris Biji

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 14.22222 | 10.1 |
| Varians | 33.44444 | 4.988889 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 6.703786 | |
| $F_{tabel\ 5\%}$ | 3.229583 | |
| | heterogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 15.2 | 9.111111 |
| Varians | 4.622222 | 2.111111 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 2.189474 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 12 | 9.2 |
| Varians | 23.11111 | 21.51111 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.07438 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 9 | 12.2 |
| Varians | 11.77778 | 27.95556 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.421304 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 12.6 | 10.88889 |
| Varians | 6.266667 | 10.11111 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.61978 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 12 | 11.11111 |
| Varians | 7.111111 | 5.111111 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.391304 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 11.55556 | 8.571429 |
| Varians | 5.777778 | 18.28571 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0.315972 | |
| $F_{tabel\ 5\%}$ | 0.279284 | |
| | heterogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 9.4 | 8 |
| Varians | 27.6 | 19.55556 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.411364 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 12 | 10.28571 |
| Varians | 56.88889 | 3.238095 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 17.56863 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | heterogen | |

Lanjutan Lampiran 34. Analisa Uji F pada Jumlah Baris Biji

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 10.8 | 8.6 |
| Varians | 1.2 | 2.711111 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 0.442623 | |
| $F_{tabel\ 5\%}$ | 0.166701 | |
| | heterogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 9.142857 | 10.4 |
| Varians | 18.47619 | 3.377778 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 5.469925 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | heterogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 11.5 | 14 |
| Varians | 2 | 1.777778 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 1.125 | |
| $F_{tabel\ 5\%}$ | 3.292746 | |
| | homogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 10.2 | 13 |
| Varians | 16.4 | 3.428571 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 4.783333 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | heterogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 10.2 | 12 |
| Varians | 2.177778 | 2 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 1.088889 | |
| $F_{tabel\ 5\%}$ | 5.998779 | |
| | homogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 10.75 | 7.777778 |
| Varians | 3.357143 | 35.44444 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 0.094716 | |
| $F_{tabel\ 5\%}$ | 0.268404 | |
| | homogen | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 10.4 | 11.11111 |
| Varians | 1.6 | 4.111111 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.389189 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 11 | 9.333333 |
| Varians | 2.888889 | 4.266667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.677083 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 8.8 | 10.66667 |
| Varians | 1.955556 | 12.26667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.15942 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

Lanjutan Lampiran 34. Analisa Uji F pada Jumlah Baris Biji

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 10 | 12.66667 |
| Varians | 1.777778 | 4.266667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.416667 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 9.6 | 9.8 |
| Varians | 0.711111 | 20.84444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.034115 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 9.5 | 10 |
| Varians | 2 | 28.8 |
| Sampel | 8 | 6 |
| db | 7 | 5 |
| $F_{hitung}$ | 0.069444 | |
| $F_{tabel\ 5\%}$ | 0.251793 | |
| | homogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 8.8 | 9 |
| Varians | 1.066667 | 36 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.02963 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | homogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 8 | 13 |
| Varians | 0.888889 | 6.666667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.133333 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | homogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 8.8 | 8.666667 |
| Varians | 1.955556 | 2.666667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.733333 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

Lampiran 35. Analisa Uji F pada Panjang Biji

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 7.888889 | 7.3 |
| Varians | 2.861111 | 2.677778 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 1.068465 | |
| $F_{tabel\ 5\%}$ | 3.229583 | |
| | homogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 7.8 | 7.444444 |
| Varians | 1.955556 | 1.027778 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.902703 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 7.45 | 6.6 |
| Varians | 0.691667 | 1.155556 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.598558 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 7 | 9.266667 |
| Varians | 1.555556 | 4.859259 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.320122 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 7.4 | 7.277778 |
| Varians | 0.711111 | 1.319444 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.538947 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 6.8 | 7.222222 |
| Varians | 1.733333 | 2.194444 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.789873 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 6.444444 | 8.714286 |
| Varians | 1.777778 | 3.904762 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 0.455285 | |
| $F_{tabel\ 5\%}$ | 0.279284 | |
| | heterogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 7.25 | 6.2 |
| Varians | 2.402778 | 2.844444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.844727 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 7.6 | 8.142857 |
| Varians | 3.155556 | 4.142857 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 0.761686 | |
| $F_{tabel\ 5\%}$ | 0.296406 | |
| | heterogen | |

Lanjutan Lampiran 35. Analisa Uji F pada Panjang Biji

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 7.6 | 6.95 |
| Varians | 1.3 | 1.358333 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 0.957055 | |
| $F_{tabel\ 5\%}$ | 0.166701 | |
| | heterogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 6.285714 | 7.2 |
| Varians | 1.904762 | 2.177778 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 0.874636 | |
| $F_{tabel\ 5\%}$ | 0.243961 | |
| | heterogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 7.125 | 8.85 |
| Varians | 1.267857 | 1.725 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 0.73499 | |
| $F_{tabel\ 5\%}$ | 0.271985 | |
| | heterogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 6.2 | 7.875 |
| Varians | 1.733333 | 0.625 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 2.773333 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | homogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 6.6 | 6.8 |
| Varians | 1.6 | 0.7 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 2.285714 | |
| $F_{tabel\ 5\%}$ | 5.998779 | |
| | homogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 6.25 | 6.833333 |
| Varians | 2.214286 | 4.625 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 0.478764 | |
| $F_{tabel\ 5\%}$ | 0.268404 | |
| | heterogen | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 6.3 | 7.277778 |
| Varians | 2.455556 | 2.819444 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.870936 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 6 | 6 |
| Varians | 1.555556 | 2 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.777778 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 6.9 | 7.666667 |
| Varians | 2.1 | 3.066667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.684783 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

Lanjutan Lampiran 35. Analisa Uji F pada Panjang Biji

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 7.45 | 8 |
| Varians | 1.025 | 4.1 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.25 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 6.7 | 7.9 |
| Varians | 1.122222 | 2.322222 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.483254 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 6.5 | 6.333333 |
| Varians | 0.722222 | 1.066667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.677083 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 7 | 7 |
| Varians | 0.888889 | 0.666667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 1.333333 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | homogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 5.8 | 7.5 |
| Varians | 2.177778 | 1.666667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 1.306667 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | homogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 7 | 5.666667 |
| Varians | 1.555556 | 0.666667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 2.333333 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

Lampiran 36. Analisa Uji F pada Lebar Biji

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 6.666667 | 7.8 |
| Varians | 0.5 | 1.288889 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 0.387931 | |
| $F_{tabel\ 5\%}$ | 0.295148 | |
| | heterogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 6.9 | 8.888889 |
| Varians | 0.766667 | 1.361111 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.563265 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 7.35 | 7.8 |
| Varians | 0.447222 | 0.622222 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.71875 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 7.9 | 8.066667 |
| Varians | 0.544444 | 0.241975 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 2.25 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 6.9 | 7.722222 |
| Varians | 0.544444 | 1.069444 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.509091 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 7.35 | 7.222222 |
| Varians | 1.169444 | 0.194444 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 6.014286 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | heterogen | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 7.111111 | 8.142857 |
| Varians | 1.111111 | 0.47619 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 2.333333 | |
| $F_{tabel\ 5\%}$ | 4.146804 | |
| | homogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 7.35 | 7.8 |
| Varians | 0.558333 | 0.4 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 1.395833 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 7.2 | 7.285714 |
| Varians | 0.622222 | 0.571429 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 1.088889 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

Lanjutan Lampiran 36. Analisa Uji F pada Lebar Biji

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 7.4 | 8.15 |
| Varians | 0.3 | 1.780556 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 0.168487 | |
| $F_{tabel\ 5\%}$ | 0.166701 | |
| | heterogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 7.285714 | 8.1 |
| Varians | 1.238095 | 0.322222 |
| Sampel | 7 | 10 |
| db | 6 | 9 |
| $F_{hitung}$ | 3.842365 | |
| $F_{tabel\ 5\%}$ | 3.373754 | |
| | heterogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 7.375 | 8.4 |
| Varians | 1.982143 | 0.488889 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 4.054383 | |
| $F_{tabel\ 5\%}$ | 3.292746 | |
| | heterogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 7.5 | 7.4375 |
| Varians | 0.722222 | 0.959821 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 0.752455 | |
| $F_{tabel\ 5\%}$ | 0.303698 | |
| | heterogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 7.1 | 7.4 |
| Varians | 1.433333 | 0.3 |
| Sampel | 10 | 5 |
| db | 9 | 4 |
| $F_{hitung}$ | 4.777778 | |
| $F_{tabel\ 5\%}$ | 5.998779 | |
| | homogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 7.25 | 7.722222 |
| Varians | 0.5 | 0.569444 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 0.878049 | |
| $F_{tabel\ 5\%}$ | 0.268404 | |
| | heterogen | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 7.5 | 7.666667 |
| Varians | 1.166667 | 0.75 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 1.555556 | |
| $F_{tabel\ 5\%}$ | 3.38813 | |
| | homogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 7.25 | 7 |
| Varians | 2.069444 | 0.4 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 5.173611 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | heterogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 8.4 | 8.333333 |
| Varians | 0.266667 | 0.666667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.4 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

Lanjutan Lampiran 36. Analisa Uji F pada Lebar Biji

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 8.65 | 8.666667 |
| Varians | 1.780556 | 0.166667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 10.68333 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | heterogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 7.9 | 8 |
| Varians | 1.211111 | 0.444444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 2.725 | |
| $F_{tabel\ 5\%}$ | 3.178893 | |
| | homogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 8.9 | 7 |
| Varians | 0.988889 | 0.4 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 2.472222 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 7.9 | 8 |
| Varians | 1.433333 | 0 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 65535 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | heterogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 8.1 | 7.25 |
| Varians | 0.988889 | 0.916667 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 1.078788 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | homogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 8.1 | 6.833333 |
| Varians | 1.877778 | 0.566667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 3.313725 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

Lampiran 37. Analisa Uji F pada Tebal Biji

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 4.333333 | 4.1 |
| Varians | 2 | 2.322222 |
| Sampel | 9 | 10 |
| db | 8 | 9 |
| $F_{hitung}$ | 0.861244 | |
| $F_{tabel\ 5\%}$ | 0.295148 | |
| | heterogen | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 3.5 | 3.666667 |
| Varians | 0.277778 | 0.75 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.37037 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 5.1 | 6 |
| Varians | 2.766667 | 6.444444 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.42931 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 6.8 | 4.283333 |
| Varians | 3.733333 | 5.284259 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.706501 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 4.5 | 5.444444 |
| Varians | 2.055556 | 6.027778 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.341014 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 5.9 | 5.555556 |
| Varians | 2.6 | 3.027778 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.858716 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 5.555556 | 5.714286 |
| Varians | 3.027778 | 2.571429 |
| Sampel | 9 | 7 |
| db | 8 | 6 |
| $F_{hitung}$ | 1.177469 | |
| $F_{tabel\ 5\%}$ | 4.146804 | |
| | homogen | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 6.9 | 6.55 |
| Varians | 0.988889 | 3.913889 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.252661 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | homogen | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 5 | 5 |
| Varians | 4 | 3.333333 |
| Sampel | 10 | 7 |
| db | 9 | 6 |
| $F_{hitung}$ | 1.2 | |
| $F_{tabel\ 5\%}$ | 4.099016 | |
| | homogen | |

Lanjutan Lampiran 37. Analisa Uji F pada Tebal Biji

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 4.2 | 5.2 |
| Varians | 1.7 | 1.344444 |
| Sampel | 5 | 10 |
| db | 4 | 9 |
| $F_{hitung}$ | 1.264463 | |
| $F_{tabel\ 5\%}$ | 3.633089 | |
| | homogen | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 5.857143 | 5 |
| Varians | 3.142857 | 5.777778 |
| Sampel | 7 | 10 |
| Db | 6 | 9 |
| $F_{hitung}$ | 0.543956 | |
| $F_{tabel\ 5\%}$ | 0.243961 | |
| | heterogen | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 4.75 | 4.95 |
| Varians | 3.642857 | 3.636111 |
| Sampel | 8 | 10 |
| db | 7 | 9 |
| $F_{hitung}$ | 1.001855 | |
| $F_{tabel\ 5\%}$ | 3.292746 | |
| | homogen | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 6.2 | 4.5 |
| Varians | 5.066667 | 2 |
| Sampel | 10 | 8 |
| db | 9 | 7 |
| $F_{hitung}$ | 2.533333 | |
| $F_{tabel\ 5\%}$ | 3.676675 | |
| | homogen | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 5.4 | 6 |
| Varians | 5.155556 | 3.5 |
| Sampel | 10 | 5 |
| Db | 9 | 4 |
| $F_{hitung}$ | 1.473016 | |
| $F_{tabel\ 5\%}$ | 5.998779 | |
| | homogen | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 3.75 | 4.666667 |
| Varians | 3.071429 | 2.5 |
| Sampel | 8 | 9 |
| db | 7 | 8 |
| $F_{hitung}$ | 1.228571 | |
| $F_{tabel\ 5\%}$ | 3.500464 | |
| | homogen | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 5.95 | 5.333333 |
| Varians | 2.580556 | 4.5 |
| Sampel | 10 | 9 |
| db | 9 | 8 |
| $F_{hitung}$ | 0.573457 | |
| $F_{tabel\ 5\%}$ | 0.309638 | |
| | heterogen | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 5 | 7 |
| Varians | 5.555556 | 0.4 |
| Sampel | 10 | 6 |
| Db | 9 | 5 |
| $F_{hitung}$ | 13.88889 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | heterogen | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 5.2 | 5.166667 |
| Varians | 6.177778 | 8.966667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.688971 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | heterogen | |

Lanjutan Lampiran 37. Analisa Uji F pada Tebal Biji

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 3.85 | 6 |
| Varians | 1.558333 | 7.3 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 0.21347 | |
| $F_{tabel\ 5\%}$ | 0.287219 | |
| | homogen | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 4.1 | 4.5 |
| Varians | 3.877778 | 6.055556 |
| Sampel | 10 | 10 |
| db | 9 | 9 |
| $F_{hitung}$ | 0.640367 | |
| $F_{tabel\ 5\%}$ | 0.314575 | |
| | heterogen | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 6.6 | 5.5 |
| Varians | 7.822222 | 6.3 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 1.241623 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | homogen | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 4.4 | 6.75 |
| Varians | 2.266667 | 3.583333 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 0.632558 | |
| $F_{tabel\ 5\%}$ | 0.258896 | |
| | heterogen | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 7.1 | 5 |
| Varians | 3.655556 | 3.333333 |
| Sampel | 10 | 4 |
| db | 9 | 3 |
| $F_{hitung}$ | 1.096667 | |
| $F_{tabel\ 5\%}$ | 8.8123 | |
| | homogen | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 4.1 | 6.333333 |
| Varians | 1.433333 | 0.266667 |
| Sampel | 10 | 6 |
| db | 9 | 5 |
| $F_{hitung}$ | 5.375 | |
| $F_{tabel\ 5\%}$ | 4.772466 | |
| | heterogen | |

Lampiran 38. Analisa Uji t pada Susunan Baris Biji

| | U1- | U1 x U2- |
|---|---|---|
| Rata-rata | 2.2 | 1.444444 |
| Varians | 1.733333 | 1.277778 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 1.334254 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1- | U1 xU3- |
|---|---|---|
| Rata-rata | 2.2 | 1.4 |
| Varians | 1.733333 | 0.933333 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.549193 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x M1- |
|---|---|---|
| Rata-rata | 2.2 | 1.8 |
| Varians | 1.733333 | 1.733333 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.679366 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x M2- |
|---|---|---|
| Rata-rata | 2.2 | 1.9 |
| Varians | 1.733333 | 0.1 |
| Sampel | 10 | 10 |
| db | 10 | |
| $t_{hitung}$ | 0.700649 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

| | U1- | U1 x M3- |
|---|---|---|
| Rata-rata | 2.2 | 1.5 |
| Varians | 1.733333 | 0.277778 |
| Sampel | 10 | 10 |
| db | 12 | |
| $t_{hitung}$ | 1.560918 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U1- | U1 x K1- |
|---|---|---|
| Rata-rata | 2.2 | 2 |
| Varians | 1.733333 | 0.666667 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.408248 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x K2- |
|---|---|---|
| Rata-rata | 2.2 | 1.777778 |
| Varians | 1.733333 | 0.194444 |
| Sampel | 10 | 9 |
| db | 11 | |
| $t_{hitung}$ | 0.956296 | |
| $t_{tabel\ 5\%}$ | 2.200985 | |
| | TN | |

| | U1- | U1 x K3- |
|---|---|---|
| Rata-rata | 2.2 | 1.6 |
| Varians | 1.733333 | 0.488889 |
| Sampel | 10 | 10 |
| db | 14 | |
| $t_{hitung}$ | 1.272792 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U1- | U1 x K4- |
|---|---|---|
| Rata-rata | 2.2 | 1.3 |
| Varians | 1.733333 | 0.677778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.832879 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

Lanjutan Lampiran 38. Analisa Uji t pada Susunan Baris Biji

| | U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 2.2 | 1.8 |
| Varians | 1.066667 | 0.844444 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.914991 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U2- | U2 x U3- |
|---|---|---|
| Rata-rata | 2.2 | 1.8 |
| Varians | 1.066667 | 1.7 |
| Sampel | 10 | 5 |
| db | 7 | |
| $t_{hitung}$ | 0.598506 | |
| $t_{tabel\ 5\%}$ | 2.364624 | |
| | TN | |

| | U2- | U2 x M1- |
|---|---|---|
| Rata-rata | 2.2 | 1.714286 |
| Varians | 1.066667 | 1.571429 |
| Sampel | 10 | 7 |
| db | 11 | |
| $t_{hitung}$ | 0.844042 | |
| $t_{tabel\ 5\%}$ | 2.200985 | |
| | TN | |

| | U2- | U2 x M2- |
|---|---|---|
| Rata-rata | 2.2 | 1.875 |
| Varians | 1.066667 | 0.982143 |
| Sampel | 10 | 8 |
| db | 16 | |
| $t_{hitung}$ | 0.675211 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U2- | U2 x M3- |
|---|---|---|
| Rata-rata | 2.2 | 1.7 |
| Varians | 1.066667 | 0.233333 |
| Sampel | 10 | 10 |
| db | 13 | |
| $t_{hitung}$ | 1.38675 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2- | U2 x K1- |
|---|---|---|
| Rata-rata | 2.2 | 1.4 |
| Varians | 1.066667 | 0.266667 |
| Sampel | 10 | 10 |
| db | 13 | |
| $t_{hitung}$ | 2.19089 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | NYATA | |

| | U2- | U2 x K2- |
|---|---|---|
| Rata-rata | 2.2 | 1.25 |
| Varians | 1.066667 | 0.214286 |
| Sampel | 10 | 8 |
| db | 13 | |
| $t_{hitung}$ | 2.600521 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | NYATA | |

| | U2- | U2 x K3- |
|---|---|---|
| Rata-rata | 2.2 | 1.5 |
| Varians | 1.066667 | 0.277778 |
| Sampel | 10 | 10 |
| db | 13 | |
| $t_{hitung}$ | 1.909091 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2- | U2 x K4- |
|---|---|---|
| Rata-rata | 2.2 | 1.5 |
| Varians | 1.066667 | 0.277778 |
| Sampel | 10 | 10 |
| db | 13 | |
| $t_{hitung}$ | 1.909091 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

Lanjutan Lampiran 38. Analisa Uji t pada Susunan Baris Biji

| | U3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1.2 | 1.666667 |
| Varians | 0.177778 | 1 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -1.35157 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1.2 | 1.3 |
| Varians | 0.177778 | 0.233333 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.4932 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3- | U3 x M1- |
|---|---|---|
| Rata-rata | 1.2 | 1.8 |
| Varians | 0.177778 | 0.177778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -3.18198 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U3- | U3 x M2- |
|---|---|---|
| Rata-rata | 1.2 | 1.2 |
| Varians | 0.177778 | 0.177778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3- | U3 x M3- |
|---|---|---|
| Rata-rata | 1.2 | 1.4 |
| Varians | 0.177778 | 0.266667 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | -0.94868 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U3- | U3 x K1- |
|---|---|---|
| Rata-rata | 1.2 | 1.75 |
| Varians | 0.177778 | 1.071429 |
| Sampel | 10 | 8 |
| db | 16 | |
| $t_{hitung}$ | -1.53748 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U3- | U3 x K2- |
|---|---|---|
| Rata-rata | 1.2 | 1.3 |
| Varians | 0.177778 | 0.233333 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.4932 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3- | U3 x K3- |
|---|---|---|
| Rata-rata | 1.2 | 1.5 |
| Varians | 0.177778 | 0.277778 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | -1.40556 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U3- | U3 x K4- |
|---|---|---|
| Rata-rata | 1.2 | 1.5 |
| Varians | 0.177778 | 0.5 |
| Sampel | 10 | 10 |
| db | 15 | |
| $t_{hitung}$ | -1.15233 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 38. Analisa Uji t pada Susunan Baris Biji

| | M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1.571429 | 1.7 |
| Varians | 0.285714 | 0.455556 |
| Sampel | 7 | 10 |
| db | 15 | |
| $t_{hitung}$ | -0.43748 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1.571429 | 1.7 |
| Varians | 0.285714 | 0.233333 |
| Sampel | 7 | 10 |
| db | 15 | |
| $t_{hitung}$ | -0.51738 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1.571429 | 2.166667 |
| Varians | 0.285714 | 0.966667 |
| Sampel | 7 | 6 |
| db | 7 | |
| $t_{hitung}$ | -1.32463 | |
| $t_{tabel\ 5\%}$ | 2.364624 | |
| | TN | |

| | M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 1.6 |
| Varians | 0.266667 | 0.711111 |
| Sampel | 10 | 10 |
| db | 15 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1.6 | 1.9 |
| Varians | 0.266667 | 1.433333 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.72761 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1.6 | 2 |
| Varians | 0.266667 | 0 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | -2.44949 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | NYATA | |

| | M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 1.5 | 2.333333 |
| Varians | 0.944444 | 1 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -1.83804 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.5 | 1.5 |
| Varians | 0.944444 | 0.285714 |
| Sampel | 10 | 8 |
| db | 16 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1.5 | 1.5 |
| Varians | 0.944444 | 0.277778 |
| Sampel | 10 | 10 |
| db | 14 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

Lanjutan Lampiran 38. Analisa Uji t pada Susunan Baris Biji

| | K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 1.777778 | 1.888889 |
| Varians | 0.194444 | 0.111111 |
| Sampel | 9 | 9 |
| db | 16 | |
| $t_{hitung}$ | -0.60302 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1.777778 | 1.6 |
| Varians | 0.194444 | 0.3 |
| Sampel | 9 | 5 |
| db | 7 | |
| $t_{hitung}$ | 0.622328 | |
| $t_{tabel\ 5\%}$ | 2.364624 | |
| | TN | |

| | K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1.777778 | 2 |
| Varians | 0.194444 | 1.2 |
| Sampel | 9 | 6 |
| db | 13 | |
| $t_{hitung}$ | -0.55307 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.666667 | 1.142857 |
| Varians | 0.25 | 0.47619 |
| Sampel | 9 | 7 |
| db | 11 | |
| $t_{hitung}$ | 1.692308 | |
| $t_{tabel\ 5\%}$ | 2.200985 | |
| | TN | |

| | K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.666667 | 1.111111 |
| Varians | 0.25 | 1.111111 |
| Sampel | 9 | 9 |
| db | 16 | |
| $t_{hitung}$ | 1.428571 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.666667 | 1.5 |
| Varians | 0.25 | 1 |
| Sampel | 9 | 4 |
| db | 4 | |
| $t_{hitung}$ | 0.316228 | |
| $t_{tabel\ 5\%}$ | 2.776445 | |
| | TN | |

| | K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1.666667 | 1.4 |
| Varians | 0.266667 | 0.711111 |
| Sampel | 6 | 10 |
| db | 14 | |
| $t_{hitung}$ | 0.784465 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1.666667 | 2 |
| Varians | 0.266667 | 0.75 |
| Sampel | 6 | 9 |
| db | 13 | |
| $t_{hitung}$ | -0.9325 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1.666667 | 1.25 |
| Varians | 0.266667 | 0.25 |
| Sampel | 6 | 4 |
| db | 8 | |
| $t_{hitung}$ | 1.264911 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | TN | |

Lanjutan Lampiran 38. Analisa Uji t pada Susunan Baris Biji

| | K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1.7 | 1.714286 |
| Varians | 0.233333 | 0.238095 |
| Sampel | 10 | 7 |
| db | 13 | |
| $t_{hitung}$ | -0.05965 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.7 | 1.666667 |
| Varians | 0.233333 | 0.266667 |
| Sampel | 10 | 6 |
| db | 10 | |
| $t_{hitung}$ | 0.128037 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

| | K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1.7 | 1.833333 |
| Varians | 0.233333 | 0.166667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -0.56408 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 1.444444 | 1.8 |
| Varians | 1.277778 | 0.844444 |
| Sampel | 9 | 10 |
| db | 17 | |
| $t_{hitung}$ | -0.75578 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1.4 | 1.666667 |
| Varians | 0.933333 | 1 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -0.58977 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1.8 | 1.7 |
| Varians | 1.733333 | 0.455556 |
| Sampel | 10 | 10 |
| db | 13 | |
| $t_{hitung}$ | 0.213741 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1.9 | 1.6 |
| Varians | 0.1 | 0.711111 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.05337 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 1.5 | 2.333333 |
| Varians | 0.277778 | 1 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -2.30777 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 2 | 1.888889 |
| Varians | 0.666667 | 0.111111 |
| Sampel | 10 | 9 |
| db | 12 | |
| $t_{hitung}$ | 0.395285 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

Lanjutan Lampiran 38. Analisa Uji t pada Susunan Baris Biji

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.777778 | 1.142857 |
| Varians | 0.194444 | 0.47619 |
| Sampel | 9 | 7 |
| db | 10 | |
| $t_{hitung}$ | 2.120741 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 1.4 |
| Varians | 0.488889 | 0.711111 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | 0.57735 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1.3 | 1.714286 |
| Varians | 0.677778 | 0.238095 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | -1.18663 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1.8 | 1.3 |
| Varians | 1.7 | 0.233333 |
| Sampel | 5 | 10 |
| db | 5 | |
| $t_{hitung}$ | 0.829502 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1.714286 | 1.7 |
| Varians | 1.571429 | 0.233333 |
| Sampel | 7 | 10 |
| db | 7 | |
| $t_{hitung}$ | 0.028697 | |
| $t_{tabel\ 5\%}$ | 2.364624 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1.875 | 1.9 |
| Varians | 0.982143 | 1.433333 |
| Sampel | 8 | 10 |
| db | 16 | |
| $t_{hitung}$ | -0.04846 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.7 | 1.5 |
| Varians | 0.233333 | 0.285714 |
| Sampel | 10 | 8 |
| db | 14 | |
| $t_{hitung}$ | 0.823055 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1.4 | 1.6 |
| Varians | 0.266667 | 0.3 |
| Sampel | 10 | 5 |
| db | 8 | |
| $t_{hitung}$ | -0.67937 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | TN | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.25 | 1.111111 |
| Varians | 0.214286 | 1.111111 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | 0.343455 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 38. Analisa Uji t pada Susunan Baris Biji

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1.5 | 2 |
| Varians | 0.277778 | 0.75 |
| Sampel | 10 | 9 |
| db | 13 | |
| $t_{hitung}$ | -1.5 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.5 | 1.666667 |
| Varians | 0.277778 | 0.266667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -0.61679 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1.8 | 2.166667 |
| Varians | 0.177778 | 0.966667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -1.04745 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1.2 | 2 |
| Varians | 0.177778 | 0 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | -6 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | NYATA | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1.4 | 1.5 |
| Varians | 0.266667 | 0.277778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.42857 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1.75 | 2 |
| Varians | 1.071429 | 1.2 |
| Sampel | 8 | 6 |
| db | 11 | |
| $t_{hitung}$ | -0.43263 | |
| $t_{tabel\ 5\%}$ | 2.200985 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.3 | 1.5 |
| Varians | 0.233333 | 1 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | -0.51856 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1.5 | 1.25 |
| Varians | 0.277778 | 0.25 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | 0.811998 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1.5 | 1.833333 |
| Varians | 0.5 | 0.166667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -1.04583 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

Lampiran 39. Analisa Uji t pada Warna Janggel

| | U1- | U1 x U2- |
|---|---|---|
| Rata-rata | 3 | 2.666667 |
| Varians | 2.666667 | 2.5 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 0.450943 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1- | U1 xU3- |
|---|---|---|
| Rata-rata | 3 | 2.9 |
| Varians | 2.666667 | 2.322222 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.141579 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x M1- |
|---|---|---|
| Rata-rata | 3 | 3.7 |
| Varians | 2.666667 | 1.566667 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -1.07586 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x M2- |
|---|---|---|
| Rata-rata | 3 | 3.2 |
| Varians | 2.666667 | 3.7333 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.25 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x M3- |
|---|---|---|
| Rata-rata | 3 | 2.3 |
| Varians | 2.666667 | 2.9 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.938211 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x K1- |
|---|---|---|
| Rata-rata | 3 | 3.3 |
| Varians | 2.666667 | 2.677778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.41036 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x K2- |
|---|---|---|
| Rata-rata | 3 | 3 |
| Varians | 2.666667 | 2.25 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1- | U1 x K3- |
|---|---|---|
| Rata-rata | 3 | 2.8 |
| Varians | 2.666667 | 2.622222 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.27501 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x K4- |
|---|---|---|
| Rata-rata | 3 | 3.7 |
| Varians | 2.666667 | 1.344444 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -1.10526 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

Lanjutan Lampiran 39. Analisa Uji t pada Warna Janggel

| | U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U2- | U2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U2- | U2 x M1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U2- | U2 x M2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U2- | U2 x M3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U2- | U2 x K1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U2- | U2 x K2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U2- | U2 x K3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U2- | U2 x K4- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

Lanjutan Lampiran 39. Analisa Uji t pada Warna Janggel

| | U3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U3- | U3 x M1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U3- | U3 x M2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U3- | U3 x M3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U3- | U3 x K1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U3- | U3 x K2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U3- | U3 x K3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | U3- | U3 x K4- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

Lanjutan Lampiran 39. Analisa Uji t pada Warna Janggel

| | M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1 | 1.4 |
| Varians | 0 | 1.6 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -1 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

Lanjutan Lampiran 39. Analisa Uji t pada Warna Janggel

| | K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

Lanjutan Lampiran 39. Analisa Uji t pada Warna Janggel

| | K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| db | 65535 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | #NUM! | |
| | TN | |

| | K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1 | 1.166667 |
| Varians | 0 | 0.166667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -1.32288 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 2.666667 | 1 |
| Varians | 2.5 | 0 |
| Sampel | 9 | 10 |
| db | 17 | |
| $t_{hitung}$ | 3.34428 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 2.9 | 1 |
| Varians | 2.322222 | 0 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 3.729489 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 3.7 | 1 |
| Varians | 1.566667 | 0 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 6.821431 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 3.2 | 1.4 |
| Varians | 3.733333 | 1.6 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 2.464752 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 2.3 | 1 |
| Varians | 2.9 | 0 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 2.283453 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 3.3 | 1 |
| Varians | 2.677778 | 0 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 4.204247 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

Lanjutan Lampiran 39. Analisa Uji t pada Warna Janggel

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 3 | 1 |
| Varians | 2.25 | 0 |
| Sampel | 9 | 7 |
| db | 14 | |
| $t_{hitung}$ | 3.5 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 2.8 | 1 |
| Varians | 2.622222 | 0 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 3.515101 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 3.7 | 1 |
| Varians | 1.344444 | 0 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | 6.100161 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | NYATA | |

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 5 | 10 |
| db | 13 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 7 | 10 |
| Db | 15 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 8 | 10 |
| db | 16 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 8 |
| db | 16 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 5 |
| Db | 13 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1 | 1.444444 |
| Varians | 0 | 1.777778 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | -0.93934 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 39. Analisa Uji t pada Warna Janggel

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 6 |
| Db | 14 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1 | 1.4 |
| Varians | 0 | 1.6 |
| Sampel | 10 | 10 |
| Db | 18 | |
| $t_{hitung}$ | -1 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 4 |
| Db | 12 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1 | 1.166667 |
| Varians | 0 | 0.166667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -1.32288 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

Lampiran 40. Analisa Uji t pada Bentuk Tongkol

| | U1- | U1 x U2- |
|---|---|---|
| Rata-rata | 1.6 | 1.333333 |
| Varians | 0.266667 | 0.5 |
| Sampel | 10 | 9 |
| db | 15 | |
| $t_{hitung}$ | 0.929981 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U1- | U1 xU3- |
|---|---|---|
| Rata-rata | 1.6 | 1.4 |
| Varians | 0.266667 | 0.266667 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.866025 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x M1- |
|---|---|---|
| Rata-rata | 1.6 | 1.6 |
| Varians | 0.266667 | 0.711111 |
| Sampel | 10 | 10 |
| db | 15 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U1- | U1 x M2- |
|---|---|---|
| Rata-rata | 1.6 | 1.5 |
| Varians | 0.266667 | 0.277778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.428571 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x M3- |
|---|---|---|
| Rata-rata | 1.6 | 1.8 |
| Varians | 0.266667 | 0.177778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.94868 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x K1- |
|---|---|---|
| Rata-rata | 1.6 | 2 |
| Varians | 0.266667 | 0.222222 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -1.80907 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x K2- |
|---|---|---|
| Rata-rata | 1.6 | 1.5 |
| Varians | 0.266667 | 0.277778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.428571 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1- | U1 x K3- |
|---|---|---|
| Rata-rata | 1.6 | 1.6 |
| Varians | 0.266667 | 0.488889 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1- | U1 x K4- |
|---|---|---|
| Rata-rata | 1.6 | 1.1 |
| Varians | 0.266667 | 0.544444 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | -0.62442 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 40. Analisa Uji t pada Bentuk Tongkol

| | U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 1.2 |
| Varians | 0.266667 | 0.177778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.897367 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U2- | U2 x U3- |
|---|---|---|
| Rata-rata | 1.6 | 1.4 |
| Varians | 0.266667 | 0.3 |
| Sampel | 10 | 5 |
| db | 8 | |
| $t_{hitung}$ | 0.679366 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | TN | |

| | U2- | U2 x M1- |
|---|---|---|
| Rata-rata | 1.6 | 1 |
| Varians | 0.266667 | 0.333333 |
| Sampel | 10 | 7 |
| db | 12 | |
| $t_{hitung}$ | 2.201398 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | NYATA | |

| | U2- | U2 x M2- |
|---|---|---|
| Rata-rata | 1.6 | 1.2 |
| Varians | 0.266667 | 0.177778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.897367 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U2- | U2 x M3- |
|---|---|---|
| Rata-rata | 1.6 | 1.2 |
| Varians | 0.266667 | 0.4 |
| Sampel | 10 | 10 |
| db | 9 | |
| $t_{hitung}$ | 1.5 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U2- | U2 x K1- |
|---|---|---|
| Rata-rata | 1.6 | 1.2 |
| Varians | 0.266667 | 0.177778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.897367 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U2- | U2 x K2- |
|---|---|---|
| Rata-rata | 1.6 | 1.375 |
| Varians | 0.266667 | 0.267857 |
| Sampel | 10 | 8 |
| db | 15 | |
| $t_{hitung}$ | 0.917422 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2- | U2 x K3- |
|---|---|---|
| Rata-rata | 1.6 | 1.3 |
| Varians | 0.266667 | 0.233333 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.341641 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U2- | U2 x K4- |
|---|---|---|
| Rata-rata | 1.6 | 1.6 |
| Varians | 0.266667 | 0.266667 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

Lanjutan Lampiran 40. Analisa Uji t pada Bentuk Tongkol

| | U3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1.8 | 1.555556 |
| Varians | 0.177778 | 0.277778 |
| Sampel | 10 | 9 |
| db | 15 | |
| $t_{hitung}$ | 1.108344 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1.8 | 1 |
| Varians | 0.177778 | 0 |
| Sampel | 10 | 10 |
| db | 9 | |
| $t_{hitung}$ | 6 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | NYATA | |

| | U3- | U3 x M1- |
|---|---|---|
| Rata-rata | 1.8 | 1.5 |
| Varians | 0.177778 | 0.277778 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | 1.405564 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U3- | U3 x M2- |
|---|---|---|
| Rata-rata | 1.8 | 1.2 |
| Varians | 0.177778 | 0.177778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 3.181981 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U3- | U3 x M3- |
|---|---|---|
| Rata-rata | 1.8 | 1.5 |
| Varians | 0.177778 | 0.277778 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | 1.405564 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U3- | U3 x K1- |
|---|---|---|
| Rata-rata | 1.8 | 1.625 |
| Varians | 0.177778 | 0.267857 |
| Sampel | 10 | 8 |
| db | 13 | |
| $t_{hitung}$ | 0.772946 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U3- | U3 x K2- |
|---|---|---|
| Rata-rata | 1.8 | 1.6 |
| Varians | 0.177778 | 0.266667 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | 0.948683 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U3- | U3 x K3- |
|---|---|---|
| Rata-rata | 1.8 | 1.8 |
| Varians | 0.177778 | 0.177778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3- | U3 x K4- |
|---|---|---|
| Rata-rata | 1.8 | 1.4 |
| Varians | 0.177778 | 0.266667 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | 1.897367 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

Lanjutan Lampiran 40. Analisa Uji t pada Bentuk Tongkol

| | M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1 | 1.2 |
| Varians | 0 | 0.177778 |
| Sampel | 7 | 10 |
| db | 15 | |
| $t_{hitung}$ | -1.24263 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1.1 |
| Varians | 0 | 0.1 |
| Sampel | 7 | 10 |
| db | 15 | |
| $t_{hitung}$ | -0.82842 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1 | 1.5 |
| Varians | 0 | 0.3 |
| Sampel | 7 | 6 |
| db | 11 | |
| $t_{hitung}$ | -2.43374 | |
| $t_{tabel\ 5\%}$ | 2.200985 | |
| | NYATA | |

| | M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1 | 1.3 |
| Varians | 0 | 0.455556 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -1.40556 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1 | 1 |
| Varians | 0 | 0 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1 | 1.333333 |
| Varians | 0 | 0.266667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -2.09165 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 2.1 | 1.333333 |
| Varians | 0.322222 | 0.25 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 3.107975 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 2.1 | 1.125 |
| Varians | 0.322222 | 0.125 |
| Sampel | 10 | 8 |
| db | 16 | |
| $t_{hitung}$ | 4.2317 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | NYATA | |

| | M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 2.1 | 1.2 |
| Varians | 0.322222 | 0.177778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 4.024922 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

Lanjutan Lampiran 40. Analisa Uji t pada Bentuk Tongkol

| | K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 2 | 1.222222 |
| Varians | 0.5 | 0.194444 |
| Sampel | 9 | 9 |
| db | 16 | |
| $t_{hitung}$ | 2.8 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | NYATA | |

| | K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 2 | 1 |
| Varians | 0.5 | 0 |
| Sampel | 9 | 5 |
| db | 8 | |
| $t_{hitung}$ | 4.242641 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | NYATA | |

| | K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 2 | 1.333333 |
| Varians | 0.5 | 0.266667 |
| Sampel | 9 | 6 |
| db | 13 | |
| $t_{hitung}$ | 1.974842 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 0.857143 |
| Varians | 0.488889 | 0.142857 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | 2.546247 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | NYATA | |

| | K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.6 | 0.777778 |
| Varians | 0.488889 | 0.444444 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 2.61591 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.6 | 1 |
| Varians | 0.488889 | 0.666667 |
| Sampel | 10 | 4 |
| db | 5 | |
| $t_{hitung}$ | 1.292325 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | TN | |

| | K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1.571429 | 0.9 |
| Varians | 0.619048 | 0.322222 |
| Sampel | 7 | 10 |
| db | 15 | |
| $t_{hitung}$ | 2.051769 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1.571429 | 1.111111 |
| Varians | 0.619048 | 0.111111 |
| Sampel | 7 | 9 |
| db | 8 | |
| $t_{hitung}$ | 1.45 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | TN | |

| | K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1.571429 | 1.25 |
| Varians | 0.619048 | 0.25 |
| Sampel | 7 | 4 |
| db | 9 | |
| $t_{hitung}$ | 0.728136 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

Lanjutan Lampiran 40. Analisa Uji t pada Bentuk Tongkol

| | K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1.4 | 1.285714 |
| Varians | 0.266667 | 0.238095 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | 0.459033 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.4 | 1 |
| Varians | 0.266667 | 0 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | 2.44949 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | NYATA | |

| | K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1.4 | 1.5 |
| Varians | 0.266667 | 0.7 |
| Sampel | 10 | 6 |
| db | 7 | |
| $t_{hitung}$ | -0.26414 | |
| $t_{tabel\ 5\%}$ | 2.364624 | |
| | TN | |

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 1.333333 | 1.2 |
| Varians | 0.5 | 0.177778 |
| Sampel | 9 | 10 |
| db | 17 | |
| $t_{hitung}$ | 0.505608 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1.4 | 1.555556 |
| Varians | 0.266667 | 0.277778 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -0.64854 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 1.2 |
| Varians | 0.711111 | 0.177778 |
| Sampel | 10 | 10 |
| db | 13 | |
| $t_{hitung}$ | 1.341641 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1.5 | 1.3 |
| Varians | 0.277778 | 0.455556 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | 0.738549 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 1.8 | 1.333333 |
| Varians | 0.177778 | 0.25 |
| Sampel | 10 | 9 |
| db | 16 | |
| $t_{hitung}$ | 2.186433 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | NYATA | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 2 | 1.222222 |
| Varians | 0.222222 | 0.194444 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 3.70144 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

Lanjutan Lampiran 40. Analisa Uji t pada Bentuk Tongkol

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.5 | 0.857143 |
| Varians | 0.277778 | 0.142857 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | 2.7574 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | NYATA | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1.6 | 0.9 |
| Varians | 0.488889 | 0.322222 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 2.457864 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1.1 | 1.285714 |
| Varians | 0.544444 | 0.238095 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | -0.58018 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1.4 | 1 |
| Varians | 0.3 | 0 |
| Sampel | 5 | 10 |
| Db | 4 | |
| $t_{hitung}$ | 1.632993 | |
| $t_{tabel\ 5\%}$ | 2.776445 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1 | 1.1 |
| Varians | 0.333333 | 0.1 |
| Sampel | 7 | 10 |
| db | 15 | |
| $t_{hitung}$ | -0.4615 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1.2 | 1 |
| Varians | 0.177778 | 0 |
| Sampel | 10 | 10 |
| db | 9 | |
| $t_{hitung}$ | 1.5 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.2 | 1.125 |
| Varians | 0.4 | 0.125 |
| Sampel | 10 | 8 |
| Db | 16 | |
| $t_{hitung}$ | 0.298974 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1.2 | 1 |
| Varians | 0.177778 | 0 |
| Sampel | 10 | 5 |
| db | 9 | |
| $t_{hitung}$ | 1.5 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.375 | 0.777778 |
| Varians | 0.267857 | 0.444444 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | 2.074678 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 40. Analisa Uji t pada Bentuk Tongkol

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1.3 | 1.111111 |
| Varians | 0.233333 | 0.111111 |
| Sampel | 10 | 9 |
| Db | 17 | |
| $t_{hitung}$ | 0.980439 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.6 | 1 |
| Varians | 0.266667 | 0 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | 3.674235 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | NYATA | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1.5 | 1.5 |
| Varians | 0.277778 | 0.3 |
| Sampel | 10 | 6 |
| db | 10 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1.2 | 1.333333 |
| Varians | 0.177778 | 0.266667 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | -0.53452 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1.5 | 1.2 |
| Varians | 0.277778 | 0.177778 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.405564 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1.625 | 1.333333 |
| Varians | 0.267857 | 0.266667 |
| Sampel | 8 | 6 |
| db | 12 | |
| $t_{hitung}$ | 1.044466 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.6 | 1 |
| Varians | 0.266667 | 0.666667 |
| Sampel | 10 | 4 |
| db | 4 | |
| $t_{hitung}$ | 1.364576 | |
| $t_{tabel\ 5\%}$ | 2.776445 | |
| | TN | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1.8 | 1.25 |
| Varians | 0.177778 | 0.25 |
| Sampel | 10 | 4 |
| db | 5 | |
| $t_{hitung}$ | 1.941176 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | TN | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1.4 | 1.5 |
| Varians | 0.266667 | 0.7 |
| Sampel | 10 | 6 |
| db | 7 | |
| $t_{hitung}$ | -0.26414 | |
| $t_{tabel\ 5\%}$ | 2.364624 | |
| | TN | |

Lampiran 41. Analisa Uji t pada Panjang Tongkol

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 16.77778 | 18.05 |
| Varians | 13.63194 | 8.302778 |
| Sampel | 9 | 10 |
| db | 17 | |
| $t_{hitung}$ | -0.84214 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 18.1 | 16.72222 |
| Varians | 8.211111 | 1.069444 |
| Sampel | 10 | 9 |
| db | 12 | |
| $t_{hitung}$ | 1.421116 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 16.7 | 23.1 |
| Varians | 9.677778 | 1102.378 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.6069 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 16 | 19.2 |
| Varians | 9 | 10.34444 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -2.30076 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 17.3 | 15.72222 |
| Varians | 11.95556 | 8.881944 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 1.05927 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 15.7 | 13.38889 |
| Varians | 15.01111 | 6.486111 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 1.516638 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 18.11111 | 17.14286 |
| Varians | 2.611111 | 4.809524 |
| Sampel | 9 | 7 |
| db | 11 | |
| $t_{hitung}$ | 0.979485 | |
| $t_{tabel\ 5\%}$ | 2.200985 | |
| | TN | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 15.95 | 13.9 |
| Varians | 10.80278 | 6.822222 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.544149 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 15.8 | 11.57143 |
| Varians | 4.122222 | 3.619048 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | 4.333337 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | NYATA | |

Lanjutan Lampiran 41. Analisa Uji t pada Panjang Tongkol

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 15.7 | 16 |
| Varians | 20.95 | 3.5 |
| Sampel | 5 | 10 |
| db | 5 | |
| $t_{hitung}$ | -0.1408 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 16.71429 | 12.65 |
| Varians | 24.82143 | 7.280556 |
| Sampel | 7 | 10 |
| db | 8 | |
| $t_{hitung}$ | 1.965931 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 17.6875 | 19.65 |
| Varians | 2.78125 | 6.502778 |
| Sampel | 8 | 10 |
| db | 15 | |
| $t_{hitung}$ | -1.96453 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 18.15 | 16.625 |
| Varians | 5.391667 | 2.982143 |
| Sampel | 10 | 8 |
| db | 16 | |
| $t_{hitung}$ | 1.543686 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 15.85 | 13.8 |
| Varians | 7.669444 | 3.325 |
| Sampel | 10 | 5 |
| db | 13 | |
| $t_{hitung}$ | 1.487302 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 16.75 | 15.61111 |
| Varians | 8.928571 | 4.236111 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | 0.924603 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 17.75 | 14.33333 |
| Varians | 8.347222 | 4.5625 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 2.901956 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 16.35 | 14.58333 |
| Varians | 3.391667 | 17.14167 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 1.187323 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 15.3 | 14.08333 |
| Varians | 4.233333 | 1.641667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 1.295453 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

Lanjutan Lampiran 41. Analisa Uji t pada Panjang Tongkol

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 15 | 20.41667 |
| Varians | 2.5 | 2.341667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -6.71036 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 16.25 | 14.95 |
| Varians | 2.180556 | 19.85833 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.875686 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 14.45 | 12.66667 |
| Varians | 4.636111 | 15.26667 |
| Sampel | 10 | 6 |
| db | 7 | |
| $t_{hitung}$ | 1.028228 | |
| $t_{tabel\ 5\%}$ | 2.364624 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 14.5 | 18 |
| Varians | 6.222222 | 10.83333 |
| Sampel | 10 | 4 |
| db | 4 | |
| $t_{hitung}$ | -1.91783 | |
| $t_{tabel\ 5\%}$ | 2.776445 | |
| | TN | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 14.45 | 16.875 |
| Varians | 3.691667 | 2.729167 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | -2.20649 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | NYATA | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 15.35 | 10.5 |
| Varians | 5.169444 | 14.9 |
| Sampel | 10 | 6 |
| db | 7 | |
| $t_{hitung}$ | 2.800019 | |
| $t_{tabel\ 5\%}$ | 2.364624 | |
| | NYATA | |

Lampiran 42. Analisa Uji t pada Panjang Tangkai Tongkol

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 8.444444 | 10.85 |
| Varians | 9.715278 | 23.05833 |
| Sampel | 9 | 10 |
| db | 16 | |
| $t_{hitung}$ | -1.30742 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 10.45 | 7.055556 |
| Varians | 5.913889 | 3.465278 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 3.385608 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 8.15 | 5.1 |
| Varians | 6.502778 | 2.044444 |
| Sampel | 10 | 10 |
| db | 14 | |
| $t_{hitung}$ | 3.299038 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 8.65 | 8.5 |
| Varians | 17.94722 | 8.055556 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.093021 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 8.3 | 10.33333 |
| Varians | 9.4 | 12.375 |
| Sampel | 10 | 9 |
| db | 16 | |
| $t_{hitung}$ | -1.33639 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 7.2 | 7.277778 |
| Varians | 9.955556 | 4.069444 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -0.06315 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 9.555556 | 13.57143 |
| Varians | 13.46528 | 16.36905 |
| Sampel | 9 | 7 |
| db | 12 | |
| $t_{hitung}$ | -2.05079 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 6.95 | 12 |
| Varians | 7.136111 | 21.5 |
| Sampel | 10 | 10 |
| db | 14 | |
| $t_{hitung}$ | -2.98424 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 8.9 | 6.857143 |
| Varians | 8.433333 | 5.309524 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | 1.546625 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 42. Analisa Uji t pada Panjang Tangkai Tongkol

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 6.7 | 6.55 |
| Varians | 15.7 | 2.747222 |
| Sampel | 5 | 10 |
| db | 5 | |
| $t_{hitung}$ | 0.081173 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 8.571429 | 6.15 |
| Varians | 12.28571 | 8.169444 |
| Sampel | 7 | 10 |
| Db | 15 | |
| $t_{hitung}$ | 1.568303 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 9.375 | 6.7 |
| Varians | 6.053571 | 3.844444 |
| Sampel | 8 | 10 |
| db | 16 | |
| $t_{hitung}$ | 2.571092 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | NYATA | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 18.7 | 12 |
| Varians | 729.7889 | 44.57143 |
| Sampel | 10 | 8 |
| db | 10 | |
| $t_{hitung}$ | 0.755964 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 5.6 | 10.1 |
| Varians | 8.822222 | 28.3 |
| Sampel | 10 | 5 |
| db | 5 | |
| $t_{hitung}$ | -1.75934 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | TN | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 12.5 | 13.83333 |
| Varians | 38.64286 | 13.5 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | -0.54625 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 7.55 | 11.33333 |
| Varians | 10.30278 | 17.9375 |
| Sampel | 10 | 9 |
| db | 15 | |
| $t_{hitung}$ | -2.17586 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | NYATA | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 8.3 | 8.666667 |
| Varians | 11.34444 | 16.56667 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | -0.18577 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 7.15 | 6.166667 |
| Varians | 1.391667 | 4.266667 |
| Sampel | 10 | 6 |
| db | 7 | |
| $t_{hitung}$ | 1.066401 | |
| $t_{tabel\ 5\%}$ | 2.364624 | |
| | TN | |

Lanjutan Lampiran 42. Analisa Uji t pada Panjang Tangkai Tongkol

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 6.8 | 9.583333 |
| Varians | 5.177778 | 9.841667 |
| Sampel | 10 | 6 |
| db | 8 | |
| $t_{hitung}$ | -1.89467 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | TN | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 8.55 | 6.29 |
| Varians | 3.913889 | 14.28544 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.675254 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 6.75 | 6.75 |
| Varians | 4.569444 | 5.875 |
| Sampel | 10 | 6 |
| db | 10 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 6.5 | 10.25 |
| Varians | 8.111111 | 2.75 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | -2.43599 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | NYATA | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 5.65 | 14.625 |
| Varians | 3.613889 | 1.395833 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | -8.67329 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | NYATA | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 5.55 | 6.166667 |
| Varians | 6.580556 | 3.966667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -0.50252 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

Lampiran 43. Analisa Uji t pada Diameter Tongkol

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 3.9 | 3.1 |
| Varians | 0.19 | 0.271111 |
| Sampel | 9 | 10 |
| db | 17 | |
| $t_{hitung}$ | 3.64306 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 3.91 | 3.177778 |
| Varians | 0.121 | 0.051944 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 5.356828 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 3.72 | 3.02 |
| Varians | 0.132889 | 0.184 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 3.932281 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 3.33 | 3.93 |
| Varians | 0.109 | 0.435667 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -2.5709 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 3.4 | 3.088889 |
| Varians | 0.12 | 0.181111 |
| Sampel | 10 | 9 |
| db | 15 | |
| $t_{hitung}$ | 1.735819 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 3.2 | 3.255556 |
| Varians | 0.215556 | 0.245278 |
| Sampel | 10 | 9 |
| db | 16 | |
| $t_{hitung}$ | -0.25147 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 3.122222 | 3.514286 |
| Varians | 0.094444 | 0.518095 |
| Sampel | 9 | 7 |
| db | 14 | |
| $t_{hitung}$ | -1.48083 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 3.34 | 2.89 |
| Varians | 0.267111 | 0.145444 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 2.215498 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 3.49 | 3.371429 |
| Varians | 0.449889 | 0.232381 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | 0.399411 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 43. Analisa Uji t pada Diameter Tongkol

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 3.14 | 2.99 |
| Varians | 0.268 | 0.172111 |
| Sampel | 5 | 10 |
| db | 13 | |
| $t_{hitung}$ | 0.609914 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 2.942857 | 3.01 |
| Varians | 0.20619 | 0.189889 |
| Sampel | 7 | 10 |
| db | 15 | |
| $t_{hitung}$ | -0.30743 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 3.275 | 4.09 |
| Varians | 0.376429 | 0.041 |
| Sampel | 8 | 10 |
| db | 8 | |
| $t_{hitung}$ | -3.60346 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | NYATA | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 14.06 | 3.2875 |
| Varians | 1211.158 | 0.092679 |
| Sampel | 10 | 8 |
| db | 9 | |
| $t_{hitung}$ | 0.978803 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 2.79 | 3.54 |
| Varians | 0.358778 | 0.053 |
| Sampel | 10 | 5 |
| db | 13 | |
| $t_{hitung}$ | -3.47887 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | NYATA | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 2.875 | 3.144444 |
| Varians | 0.105 | 0.557778 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | -0.94204 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 2.94 | 3.033333 |
| Varians | 0.118222 | 0.18 |
| Sampel | 10 | 9 |
| db | 15 | |
| $t_{hitung}$ | -0.5232 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 2.88 | 2.766667 |
| Varians | 0.186222 | 0.158667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 0.522574 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 3.04 | 3.25 |
| Varians | 0.162667 | 0.227 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | -0.90286 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

Lanjutan Lampiran 43. Analisa Uji t pada Diameter Tongkol

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 3.16 | 3.683333 |
| Varians | 0.096 | 0.221667 |
| Sampel | 10 | 6 |
| db | 8 | |
| $t_{hitung}$ | -2.42574 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | NYATA | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 2.88 | 3.07 |
| Varians | 0.399556 | 0.375667 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.6824 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 2.83 | 3.15 |
| Varians | 0.306778 | 0.251 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -1.157 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 2.99 | 3.225 |
| Varians | 0.249889 | 0.315833 |
| Sampel | 10 | 4 |
| db | 5 | |
| $t_{hitung}$ | -0.72889 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | TN | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 2.62 | 3.425 |
| Varians | 0.139556 | 0.209167 |
| Sampel | 10 | 4 |
| db | 5 | |
| $t_{hitung}$ | -3.12761 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | NYATA | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 5.46 | 2.8 |
| Varians | 68.57156 | 0.124 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | 1.014276 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

Lampiran 44. Analisa Uji t pada Diameter Janggel

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 2.577778 | 1.94 |
| Varians | 0.251944 | 0.047111 |
| Sampel | 9 | 10 |
| db | 11 | |
| $t_{hitung}$ | 3.526653 | |
| $t_{tabel\ 5\%}$ | 2.200985 | |
| | NYATA | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 2.35 | 2 |
| Varians | 0.076111 | 0.0225 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 3.376983 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 2.29 | 1.85 |
| Varians | 0.067667 | 0.102778 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | 3.370243 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 2.26 | 2.34 |
| Varians | 0.078222 | 0.116 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | -0.57404 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 2.28 | 1.855556 |
| Varians | 0.075111 | 0.045278 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 3.738046 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 2.06 | 2.377778 |
| Varians | 0.073778 | 0.186944 |
| Sampel | 10 | 9 |
| db | 13 | |
| $t_{hitung}$ | -1.89404 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 2.177778 | 2.314286 |
| Varians | 0.029444 | 0.104762 |
| Sampel | 9 | 7 |
| db | 9 | |
| $t_{hitung}$ | -1.01082 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 2.3 | 2.03 |
| Varians | 0.06 | 0.077889 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 2.299318 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 2.26 | 2.042857 |
| Varians | 0.296 | 0.062857 |
| Sampel | 10 | 7 |
| db | 13 | |
| $t_{hitung}$ | 1.10552 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

Lanjutan Lampiran 44. Analisa Uji t pada Diameter Janggel

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1.9 | 1.85 |
| Varians | 0.115 | 0.142778 |
| Sampel | 5 | 10 |
| db | 9 | |
| $t_{hitung}$ | 0.258967 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 1.842857 | 1.81 |
| Varians | 0.11619 | 0.098778 |
| Sampel | 7 | 10 |
| db | 15 | |
| $t_{hitung}$ | 0.205035 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 2.025 | 2.65 |
| Varians | 0.142143 | 0.031667 |
| Sampel | 8 | 10 |
| db | 9 | |
| $t_{hitung}$ | -4.31965 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | NYATA | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.85 | 2.1875 |
| Varians | 0.105 | 0.08125 |
| Sampel | 10 | 8 |
| db | 16 | |
| $t_{hitung}$ | -2.31321 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | NYATA | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 1.64 | 2.56 |
| Varians | 0.138222 | 0.038 |
| Sampel | 10 | 5 |
| db | 13 | |
| $t_{hitung}$ | -5.12574 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | NYATA | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 1.6375 | 1.966667 |
| Varians | 0.085536 | 0.0875 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | -2.30383 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | NYATA | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 1.7 | 1.822222 |
| Varians | 0.075556 | 0.076944 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -0.9631 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.73 | 1.9 |
| Varians | 0.113444 | 0.18 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | -0.83607 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1.95 | 1.766667 |
| Varians | 0.105 | 0.098667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 1.107621 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

Lanjutan Lampiran 44. Analisa Uji t pada Diameter Janggel

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1.91 | 2.3 |
| Varians | 0.085444 | 0.08 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -2.61359 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 1.85 | 1.88 |
| Varians | 0.053889 | 0.248444 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.17254 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1.74 | 2.2 |
| Varians | 0.204889 | 0.212 |
| Sampel | 10 | 6 |
| db | 11 | |
| $t_{hitung}$ | -1.94695 | |
| $t_{tabel\ 5\%}$ | 2.200985 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 1.76 | 2.45 |
| Varians | 0.109333 | 0.176667 |
| Sampel | 10 | 4 |
| db | 5 | |
| $t_{hitung}$ | -2.9395 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | NYATA | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 1.6 | 2.075 |
| Varians | 0.1 | 0.089167 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | -2.57408 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | NYATA | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 1.72 | 1.633333 |
| Varians | 0.139556 | 0.122667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 0.459291 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

Lampiran 45. Analisa Uji t pada Diameter Rachis

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 1.7 | 1.2 |
| Varians | 0.09 | 0.046667 |
| Sampel | 9 | 10 |
| db | 17 | |
| $t_{hitung}$ | 4.202295 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 1.44 | 1.088889 |
| Varians | 0.060444 | 0.038611 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 3.411672 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 1.75 | 0.93 |
| Varians | 0.027222 | 0.035667 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 10.34015 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | NYATA | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 1.49 | 1.53 |
| Varians | 0.067667 | 0.051222 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.36685 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 1.44 | 2.1 |
| Varians | 0.111556 | 6.745 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -0.79887 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 1.19 | 1.355556 |
| Varians | 0.101 | 0.047778 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -1.30741 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 1.244444 | 1.428571 |
| Varians | 0.107778 | 0.209048 |
| Sampel | 9 | 7 |
| db | 11 | |
| $t_{hitung}$ | -0.90017 | |
| $t_{tabel\ 5\%}$ | 2.200985 | |
| | TN | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 1.58 | 1.36 |
| Varians | 0.126222 | 0.058222 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.619906 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 1.46 | 1.228571 |
| Varians | 0.073778 | 0.089048 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | 1.661525 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 45. Analisa Uji t pada Diameter Rachis

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 1 | 0.97 |
| Varians | 0.105 | 0.042333 |
| Sampel | 5 | 10 |
| db | 13 | |
| $t_{hitung}$ | 0.220656 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 0.928571 | 1.11 |
| Varians | 0.092381 | 0.094333 |
| Sampel | 7 | 10 |
| db | 13 | |
| $t_{hitung}$ | -1.20603 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 1.0375 | 1.43 |
| Varians | 0.054107 | 0.055667 |
| Sampel | 8 | 10 |
| db | 15 | |
| $t_{hitung}$ | -3.53474 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | NYATA | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 1.15 | 1.2375 |
| Varians | 0.160556 | 0.025536 |
| Sampel | 10 | 8 |
| db | 12 | |
| $t_{hitung}$ | -0.6307 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 0.95 | 1.36 |
| Varians | 0.045 | 0.008 |
| Sampel | 10 | 5 |
| db | 13 | |
| $t_{hitung}$ | -4.08276 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | NYATA | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 0.8375 | 1.288889 |
| Varians | 0.105536 | 0.076111 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | -3.09921 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | NYATA | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 0.83 | 1.188889 |
| Varians | 0.082333 | 0.048611 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -3.02978 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 1.02 | 1.216667 |
| Varians | 0.035111 | 0.149667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -1.38125 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 1.12 | 0.983333 |
| Varians | 0.021778 | 0.033667 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | 1.548549 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

Lanjutan Lampiran 45. Analisa Uji t pada Diameter Rachis

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 1.12 | 1.416667 |
| Varians | 0.021778 | 0.013667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -4.18093 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 2.28 | 1.87 |
| Varians | 11.71733 | 6.353444 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.304997 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 1.13 | 1.3 |
| Varians | 0.191222 | 0.044 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -0.88413 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 0.9 | 1.3 |
| Varians | 0.037778 | 0.226667 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | -2.31908 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | NYATA | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 0.95 | 1.25 |
| Varians | 0.040556 | 0.016667 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | -2.7268 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | NYATA | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 0.9 | 1.016667 |
| Varians | 0.082222 | 0.009667 |
| Sampel | 10 | 6 |
| db | 12 | |
| $t_{hitung}$ | -1.17651 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

Lampiran 46. Analisa Uji t pada Jumlah Biji Per Baris

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 25 | 30.1 |
| Varians | 132.75 | 79.65556 |
| Sampel | 9 | 10 |
| db | 17 | |
| $t_{hitung}$ | -1.08508 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 30.3 | 31.66667 |
| Varians | 33.56667 | 32.5 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -0.51728 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 24.6 | 15.9 |
| Varians | 142.4889 | 87.21111 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.81526 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 19.5 | 27.3 |
| Varians | 95.16667 | 153.1222 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | -1.56537 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 25.3 | 22.66667 |
| Varians | 47.78889 | 49 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 0.823587 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 20 | 15.33333 |
| Varians | 75.77778 | 65.5 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 1.205874 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 21.11111 | 22.85714 |
| Varians | 73.61111 | 153.1429 |
| Sampel | 9 | 7 |
| db | 10 | |
| $t_{hitung}$ | -0.31848 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 13.2 | 13.2 |
| Varians | 69.73333 | 79.51111 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 19.8 | 17.42857 |
| Varians | 159.5111 | 44.61905 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | 0.451578 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 46. Analisa Uji t pada Jumlah Biji Per Baris

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 26.2 | 25.2 |
| Varians | 76.7 | 34.17778 |
| Sampel | 5 | 10 |
| db | 13 | |
| $t_{hitung}$ | 0.265574 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 22.57143 | 18.6 |
| Varians | 183.2857 | 36.48889 |
| Sampel | 7 | 10 |
| db | 8 | |
| $t_{hitung}$ | 0.727112 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 30.125 | 29.8 |
| Varians | 84.98214 | 85.28889 |
| Sampel | 8 | 10 |
| db | 15 | |
| $t_{hitung}$ | 0.074264 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 24.4 | 24.625 |
| Varians | 228.4889 | 47.125 |
| Sampel | 10 | 8 |
| db | 13 | |
| $t_{hitung}$ | -0.04197 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 24.4 | 17.8 |
| Varians | 103.8222 | 64.7 |
| Sampel | 10 | 5 |
| db | 13 | |
| $t_{hitung}$ | 1.257762 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 29.25 | 17.88889 |
| Varians | 53.07143 | 217.3611 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | 1.971183 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 23.2 | 23.11111 |
| Varians | 55.73333 | 60.86111 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 0.025308 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 26.7 | 16.5 |
| Varians | 21.78889 | 27.5 |
| Sampel | 10 | 6 |
| db | 10 | |
| $t_{hitung}$ | 3.922432 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | NYATA | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 24.1 | 18.66667 |
| Varians | 37.21111 | 135.4667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 1.237387 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

Lanjutan Lampiran 46. Analisa Uji t pada Jumlah Biji Per Baris

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 26.1 | 28.66667 |
| Varians | 63.43333 | 277.4667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -0.42026 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 29.2 | 23 |
| Varians | 55.73333 | 135.3333 |
| Sampel | 10 | 10 |
| db | 15 | |
| $t_{hitung}$ | 1.418402 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 18.625 | 16.5 |
| Varians | 41.98214 | 66.3 |
| Sampel | 8 | 6 |
| db | 9 | |
| $t_{hitung}$ | 0.526375 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 24.3 | 14 |
| Varians | 39.12222 | 164.6667 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | 2.073399 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 18.3 | 28.25 |
| Varians | 27.12222 | 32.91667 |
| Sampel | 10 | 4 |
| db | 5 | |
| $t_{hitung}$ | -3.00806 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | NYATA | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 23.4 | 14.33333 |
| Varians | 47.6 | 42.66667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 2.593284 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

Lampiran 47. Analisa Uji t pada Jumlah Baris Biji

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 14.22222 | 10.1 |
| Varians | 33.44444 | 4.988889 |
| Sampel | 9 | 10 |
| db | 10 | |
| $t_{hitung}$ | 2.007871 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 15.2 | 9.111111 |
| Varians | 4.622222 | 2.111111 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 7.144474 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 12 | 9.2 |
| Varians | 23.11111 | 21.51111 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.325508 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 9 | 12.2 |
| Varians | 11.77778 | 27.95556 |
| Sampel | 10 | 10 |
| db | 15 | |
| $t_{hitung}$ | -1.60536 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 12.6 | 10.88889 |
| Varians | 6.266667 | 10.11111 |
| Sampel | 10 | 9 |
| db | 15 | |
| $t_{hitung}$ | 1.293433 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 12 | 11.11111 |
| Varians | 7.111111 | 5.111111 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 0.778846 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 11.55556 | 8.571429 |
| Varians | 5.777778 | 18.28571 |
| Sampel | 9 | 7 |
| db | 9 | |
| $t_{hitung}$ | 1.654222 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 9.4 | 8 |
| Varians | 27.6 | 19.55556 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.644706 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 12 | 10.28571 |
| Varians | 56.88889 | 3.238095 |
| Sampel | 10 | 7 |
| db | 10 | |
| $t_{hitung}$ | 0.691184 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

Lanjutan Lampiran 47. Analisa Uji t pada Jumlah Baris Biji

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 10.8 | 8.6 |
| Varians | 1.2 | 2.711111 |
| Sampel | 5 | 10 |
| db | 12 | |
| $t_{hitung}$ | 3.077266 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | NYATA | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 9.142857 | 10.4 |
| Varians | 18.47619 | 3.377778 |
| Sampel | 7 | 10 |
| db | 8 | |
| $t_{hitung}$ | -0.72858 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 11.5 | 14 |
| Varians | 2 | 1.777778 |
| Sampel | 8 | 10 |
| db | 16 | |
| $t_{hitung}$ | -3.849 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | NYATA | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 10.2 | 13 |
| Varians | 16.4 | 3.428571 |
| Sampel | 10 | 8 |
| db | 13 | |
| $t_{hitung}$ | -1.94681 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 10.2 | 12 |
| Varians | 2.177778 | 2 |
| Sampel | 10 | 5 |
| db | 13 | |
| $t_{hitung}$ | -2.25543 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | NYATA | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 10.75 | 7.777778 |
| Varians | 3.357143 | 35.44444 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | 1.351949 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 10.4 | 11.11111 |
| Varians | 1.6 | 4.111111 |
| Sampel | 10 | 9 |
| db | 13 | |
| $t_{hitung}$ | -0.90546 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 11 | 9.333333 |
| Varians | 2.888889 | 4.266667 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | 1.666667 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 8.8 | 10.66667 |
| Varians | 1.955556 | 12.26667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -1.52236 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

Lanjutan Lampiran 47. Analisa Uji t pada Jumlah Baris Biji

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 10 | 12.66667 |
| Varians | 1.777778 | 4.266667 |
| Sampel | 10 | 6 |
| db | 8 | |
| $t_{hitung}$ | -2.82843 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | NYATA | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 9.6 | 9.8 |
| Varians | 0.711111 | 20.84444 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.13622 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 9.5 | 10 |
| Varians | 2 | 28.8 |
| Sampel | 8 | 6 |
| db | 12 | |
| $t_{hitung}$ | -0.25515 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 8.8 | 9 |
| Varians | 1.066667 | 36 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | -0.10799 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 8 | 13 |
| Varians | 0.888889 | 6.666667 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | -5.53283 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | NYATA | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 8.8 | 8.666667 |
| Varians | 1.955556 | 2.666667 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | 0.166667 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

Lampiran 48. Analisa Uji t pada Panjang Biji

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 7.888889 | 7.3 |
| Varians | 2.861111 | 2.677778 |
| Sampel | 9 | 10 |
| db | 17 | |
| $t_{hitung}$ | 0.770912 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 7.8 | 7.444444 |
| Varians | 1.955556 | 1.027778 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | 0.627884 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 7.45 | 6.6 |
| Varians | 0.691667 | 1.155556 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | 1.977695 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 7 | 9.266667 |
| Varians | 1.555556 | 4.859259 |
| Sampel | 10 | 10 |
| db | 14 | |
| $t_{hitung}$ | -2.83006 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 7.4 | 7.277778 |
| Varians | 0.711111 | 1.319444 |
| Sampel | 10 | 9 |
| db | 15 | |
| $t_{hitung}$ | 0.261942 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 6.8 | 7.222222 |
| Varians | 1.733333 | 2.194444 |
| Sampel | 10 | 9 |
| db | 16 | |
| $t_{hitung}$ | -0.65372 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 6.444444 | 8.714286 |
| Varians | 1.777778 | 3.904762 |
| Sampel | 9 | 7 |
| db | 10 | |
| $t_{hitung}$ | -2.61168 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | NYATA | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 7.25 | 6.2 |
| Varians | 2.402778 | 2.844444 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 1.449521 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 7.6 | 8.142857 |
| Varians | 3.155556 | 4.142857 |
| Sampel | 10 | 7 |
| db | 12 | |
| $t_{hitung}$ | -0.56989 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

Lanjutan Lampiran 48. Analisa Uji t pada Panjang Biji

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 7.6 | 6.95 |
| Varians | 1.3 | 1.358333 |
| Sampel | 5 | 10 |
| db | 8 | |
| $t_{hitung}$ | 1.033135 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 6.285714 | 7.2 |
| Varians | 1.904762 | 2.177778 |
| Sampel | 7 | 10 |
| db | 14 | |
| $t_{hitung}$ | -1.30627 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 7.125 | 8.85 |
| Varians | 1.267857 | 1.725 |
| Sampel | 8 | 10 |
| db | 16 | |
| $t_{hitung}$ | -2.99838 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | NYATA | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 6.2 | 7.875 |
| Varians | 1.733333 | 0.625 |
| Sampel | 10 | 8 |
| db | 16 | |
| $t_{hitung}$ | -3.16039 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | NYATA | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 6.6 | 6.8 |
| Varians | 1.6 | 0.7 |
| Sampel | 10 | 5 |
| db | 13 | |
| $t_{hitung}$ | -0.31745 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 6.25 | 6.833333 |
| Varians | 2.214286 | 4.625 |
| Sampel | 8 | 9 |
| db | 14 | |
| $t_{hitung}$ | -0.65602 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 6.3 | 7.277778 |
| Varians | 2.455556 | 2.819444 |
| Sampel | 10 | 9 |
| db | 16 | |
| $t_{hitung}$ | -1.30798 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 6 | 6 |
| Varians | 1.555556 | 2 |
| Sampel | 10 | 6 |
| db | 10 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 6.9 | 7.666667 |
| Varians | 2.1 | 3.066667 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | -0.90283 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

Lanjutan Lampiran 48. Analisa Uji t pada Panjang Biji

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 7.45 | 8 |
| Varians | 1.025 | 4.1 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -0.73094 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 6.7 | 7.9 |
| Varians | 1.122222 | 2.322222 |
| Sampel | 10 | 10 |
| db | 16 | |
| $t_{hitung}$ | -2.04466 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 6.5 | 6.333333 |
| Varians | 0.722222 | 1.066667 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | 0.333333 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 7 | 7 |
| Varians | 0.888889 | 0.666667 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 5.8 | 7.5 |
| Varians | 2.177778 | 1.666667 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | -2.00696 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 7 | 5.666667 |
| Varians | 1.555556 | 0.666667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 2.320477 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

Lampiran 49. Analisa Uji t pada Lebar Biji

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 6.666667 | 7.8 |
| Varians | 0.5 | 1.288889 |
| Sampel | 9 | 10 |
| db | 15 | |
| $t_{hitung}$ | -2.63891 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | NYATA | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 6.9 | 8.888889 |
| Varians | 0.766667 | 1.361111 |
| Sampel | 10 | 9 |
| db | 15 | |
| $t_{hitung}$ | -4.16617 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | NYATA | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 7.35 | 7.8 |
| Varians | 0.447222 | 0.622222 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -1.37605 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 7.9 | 8.066667 |
| Varians | 0.544444 | 0.241975 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.59432 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 6.9 | 7.722222 |
| Varians | 0.544444 | 1.069444 |
| Sampel | 10 | 9 |
| db | 14 | |
| $t_{hitung}$ | -1.97527 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 7.35 | 7.222222 |
| Varians | 1.169444 | 0.194444 |
| Sampel | 10 | 9 |
| db | 12 | |
| $t_{hitung}$ | 0.343284 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 7.111111 | 8.142857 |
| Varians | 1.111111 | 0.47619 |
| Sampel | 9 | 7 |
| db | 14 | |
| $t_{hitung}$ | -2.23512 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 7.35 | 7.8 |
| Varians | 0.558333 | 0.4 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -1.45363 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 7.2 | 7.285714 |
| Varians | 0.622222 | 0.571429 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | -0.22419 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 49. Analisa Uji t pada Lebar Biji

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 7.4 | 8.15 |
| Varians | 0.3 | 1.780556 |
| Sampel | 5 | 10 |
| db | 13 | |
| $t_{hitung}$ | -1.53717 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 7.285714 | 8.1 |
| Varians | 1.238095 | 0.322222 |
| Sampel | 7 | 10 |
| db | 8 | |
| $t_{hitung}$ | -1.78077 | |
| $t_{tabel\ 5\%}$ | 2.306004 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 7.375 | 8.4 |
| Varians | 1.982143 | 0.488889 |
| Sampel | 8 | 10 |
| db | 10 | |
| $t_{hitung}$ | -1.8819 | |
| $t_{tabel\ 5\%}$ | 2.228139 | |
| | TN | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 7.5 | 7.4375 |
| Varians | 0.722222 | 0.959821 |
| Sampel | 10 | 8 |
| db | 14 | |
| $t_{hitung}$ | 0.142562 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 7.1 | 7.4 |
| Varians | 1.433333 | 0.3 |
| Sampel | 10 | 5 |
| db | 13 | |
| $t_{hitung}$ | -0.52592 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 7.25 | 7.722222 |
| Varians | 0.5 | 0.569444 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | -1.33154 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 7.5 | 7.666667 |
| Varians | 1.166667 | 0.75 |
| Sampel | 10 | 9 |
| db | 17 | |
| $t_{hitung}$ | -0.36819 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 7.25 | 7 |
| Varians | 2.069444 | 0.4 |
| Sampel | 10 | 6 |
| db | 13 | |
| $t_{hitung}$ | 0.47794 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 8.4 | 8.333333 |
| Varians | 0.266667 | 0.666667 |
| Sampel | 10 | 6 |
| db | 7 | |
| $t_{hitung}$ | 0.179605 | |
| $t_{tabel\ 5\%}$ | 2.364624 | |
| | TN | |

Lanjutan Lampiran 49. Analisa Uji t pada Lebar Biji

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 8.65 | 8.666667 |
| Varians | 1.780556 | 0.166667 |
| Sampel | 10 | 6 |
| db | 12 | |
| $t_{hitung}$ | -0.03674 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 7.9 | 8 |
| Varians | 1.211111 | 0.444444 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | -0.24577 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 8.9 | 7 |
| Varians | 0.988889 | 0.4 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 4.169846 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 7.9 | 8 |
| Varians | 1.433333 | 0 |
| Sampel | 10 | 4 |
| db | 9 | |
| $t_{hitung}$ | -0.26414 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 8.1 | 7.25 |
| Varians | 0.988889 | 0.916667 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | 1.458185 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 8.1 | 6.833333 |
| Varians | 1.877778 | 0.566667 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 2.066054 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

Lampiran 50. Analisa Uji t pada Tebal Biji

| | U1 x U2- | U2 x U1- |
|---|---|---|
| Rata-rata | 4.333333 | 4.1 |
| Varians | 2 | 2.322222 |
| Sampel | 9 | 10 |
| db | 17 | |
| $t_{hitung}$ | 0.346128 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U1 xU3- | U3 x U1- |
|---|---|---|
| Rata-rata | 3.5 | 3.666667 |
| Varians | 0.277778 | 0.75 |
| Sampel | 10 | 9 |
| db | 13 | |
| $t_{hitung}$ | -0.5 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U1 x M1- | M1 x U1- |
|---|---|---|
| Rata-rata | 5.1 | 6 |
| Varians | 2.766667 | 6.444444 |
| Sampel | 10 | 10 |
| db | 16 | |
| $t_{hitung}$ | -0.93775 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U1 x M2- | M2 x U1- |
|---|---|---|
| Rata-rata | 6.8 | 4.283333 |
| Varians | 3.733333 | 5.284259 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | 2.650211 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | NYATA | |

| | U1 x M3- | M3 x U1- |
|---|---|---|
| Rata-rata | 4.5 | 5.444444 |
| Varians | 2.055556 | 6.027778 |
| Sampel | 10 | 9 |
| db | 13 | |
| $t_{hitung}$ | -1.00948 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U1 x K1- | K1 x U1- |
|---|---|---|
| Rata-rata | 5.9 | 5.555556 |
| Varians | 2.6 | 3.027778 |
| Sampel | 10 | 9 |
| db | 16 | |
| $t_{hitung}$ | 0.446009 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U1 x K2- | K2 x U1- |
|---|---|---|
| Rata-rata | 5.555556 | 5.714286 |
| Varians | 3.027778 | 2.571429 |
| Sampel | 9 | 7 |
| db | 14 | |
| $t_{hitung}$ | -0.18716 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U1 x K3- | K3 x U1- |
|---|---|---|
| Rata-rata | 6.9 | 6.55 |
| Varians | 0.988889 | 3.913889 |
| Sampel | 10 | 10 |
| db | 18 | |
| $t_{hitung}$ | 0.499858 | |
| $t_{tabel\ 5\%}$ | 2.100922 | |
| | TN | |

| | U1 x K4- | K4 x U1- |
|---|---|---|
| Rata-rata | 5 | 5 |
| Varians | 4 | 3.333333 |
| Sampel | 10 | 7 |
| db | 15 | |
| $t_{hitung}$ | 0 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

Lanjutan Lampiran 50. Analisa Uji t pada Tebal Biji

| | U2 x U3- | U3 x U2- |
|---|---|---|
| Rata-rata | 4.2 | 5.2 |
| Varians | 1.7 | 1.344444 |
| Sampel | 5 | 10 |
| db | 13 | |
| $t_{hitung}$ | -1.51419 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x M1- | M1 x U2- |
|---|---|---|
| Rata-rata | 5.857143 | 5 |
| Varians | 3.142857 | 5.777778 |
| Sampel | 7 | 10 |
| db | 15 | |
| $t_{hitung}$ | 0.845901 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x M2- | M2 x U2- |
|---|---|---|
| Rata-rata | 4.75 | 4.95 |
| Varians | 3.642857 | 3.636111 |
| Sampel | 8 | 10 |
| db | 16 | |
| $t_{hitung}$ | -0.22103 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U2 x M3- | M3 x U2- |
|---|---|---|
| Rata-rata | 6.2 | 4.5 |
| Varians | 5.066667 | 2 |
| Sampel | 10 | 8 |
| db | 16 | |
| $t_{hitung}$ | 1.856926 | |
| $t_{tabel\ 5\%}$ | 2.119905 | |
| | TN | |

| | U2 x K1- | K1 x U2- |
|---|---|---|
| Rata-rata | 5.4 | 6 |
| Varians | 5.155556 | 3.5 |
| Sampel | 10 | 5 |
| db | 13 | |
| $t_{hitung}$ | -0.50821 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K2- | K2 x U2- |
|---|---|---|
| Rata-rata | 3.75 | 4.666667 |
| Varians | 3.071429 | 2.5 |
| Sampel | 8 | 9 |
| db | 15 | |
| $t_{hitung}$ | -1.13416 | |
| $t_{tabel\ 5\%}$ | 2.13145 | |
| | TN | |

| | U2 x K3- | K3 x U2- |
|---|---|---|
| Rata-rata | 5.95 | 5 |
| Varians | 2.580556 | 4 |
| Sampel | 10 | 8 |
| db | 13 | |
| $t_{hitung}$ | 1.091121 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | TN | |

| | U2 x K4- | K4 x U2- |
|---|---|---|
| Rata-rata | 5 | 7 |
| Varians | 5.555556 | 0.4 |
| Sampel | 10 | 6 |
| db | 11 | |
| $t_{hitung}$ | -2.53546 | |
| $t_{tabel\ 5\%}$ | 2.200985 | |
| | NYATA | |

| | U3 x M1- | M1 x U3- |
|---|---|---|
| Rata-rata | 5.2 | 5.166667 |
| Varians | 6.177778 | 8.966667 |
| Sampel | 10 | 6 |
| db | 9 | |
| $t_{hitung}$ | 0.022936 | |
| $t_{tabel\ 5\%}$ | 2.262157 | |
| | TN | |

Lanjutan Lampiran 50. Analisa Uji t pada Tebal Biji

| | U3 x M2- | M2 x U3- |
|---|---|---|
| Rata-rata | 3.85 | 6 |
| Varians | 1.558333 | 7.3 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | -2.19162 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | NYATA | |

| | U3 x M3- | M3 x U3- |
|---|---|---|
| Rata-rata | 4.1 | 4.5 |
| Varians | 3.877778 | 6.055556 |
| Sampel | 10 | 10 |
| db | 17 | |
| $t_{hitung}$ | -0.40134 | |
| $t_{tabel\ 5\%}$ | 2.109816 | |
| | TN | |

| | U3 x K1- | K1 x U3- |
|---|---|---|
| Rata-rata | 6.6 | 5.5 |
| Varians | 7.822222 | 6.3 |
| Sampel | 10 | 6 |
| db | 14 | |
| $t_{hitung}$ | 0.78956 | |
| $t_{tabel\ 5\%}$ | 2.144787 | |
| | TN | |

| | U3 x K2- | K2 x U3- |
|---|---|---|
| Rata-rata | 4.4 | 6.75 |
| Varians | 2.266667 | 3.583333 |
| Sampel | 10 | 4 |
| db | 5 | |
| $t_{hitung}$ | -2.21807 | |
| $t_{tabel\ 5\%}$ | 2.570582 | |
| | TN | |

| | U3 x K3- | K3 x U3- |
|---|---|---|
| Rata-rata | 7.1 | 5 |
| Varians | 3.655556 | 3.333333 |
| Sampel | 10 | 4 |
| db | 12 | |
| $t_{hitung}$ | 1.877359 | |
| $t_{tabel\ 5\%}$ | 2.178813 | |
| | TN | |

| | U3 x K4- | K4 x U3- |
|---|---|---|
| Rata-rata | 4.1 | 6.333333 |
| Varians | 1.433333 | 0.266667 |
| Sampel | 10 | 6 |
| db | 13 | |
| $t_{hitung}$ | -5.15385 | |
| $t_{tabel\ 5\%}$ | 2.160369 | |
| | NYATA | |