

## Lampiran 1. Dokumentasi Penelitian





| $\Sigma(\pi)$ |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | $\Sigma \text{ TOTAL } n^2$ |    |     |     |
|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------------------|----|-----|-----|
| 25            | 25 | 16 | 16 | 16 | 16 | 16 | 25 | 25 | 16 | 16 | 16 | 16 | 16 | 25 | 16 | 1                           | 25 | 359 |     |
| 25            | 16 | 16 | 16 | 16 | 16 | 16 | 25 | 16 | 16 | 16 | 16 | 16 | 25 | 25 | 16 | 16                          | 1  | 25  | 350 |
| 16            | 16 | 16 | 16 | 16 | 16 | 16 | 25 | 16 | 16 | 16 | 25 | 25 | 16 | 16 | 16 | 16                          | 25 | 365 |     |
| 25            | 25 | 16 | 16 | 16 | 16 | 25 | 16 | 16 | 16 | 25 | 25 | 25 | 25 | 16 | 25 | 25                          | 25 | 16  | 428 |
| 16            | 25 | 16 | 16 | 16 | 25 | 16 | 16 | 16 | 25 | 25 | 25 | 16 | 25 | 16 | 25 | 16                          | 25 | 25  | 410 |
| 25            | 25 | 16 | 16 | 16 | 25 | 16 | 16 | 25 | 25 | 25 | 25 | 16 | 25 | 16 | 25 | 16                          | 25 | 25  | 437 |
| 9             | 9  | 9  | 9  | 9  | 9  | 4  | 4  | 4  | 16 | 1  | 1  | 9  | 9  | 16 | 9  | 9                           | 9  | 176 | 16  |
| 9             | 4  | 9  | 9  | 9  | 9  | 4  | 4  | 16 | 16 | 1  | 1  | 9  | 9  | 16 | 9  | 9                           | 9  | 164 | 16  |
| 9             | 9  | 9  | 9  | 9  | 9  | 4  | 4  | 16 | 16 | 1  | 1  | 9  | 9  | 9  | 9  | 9                           | 9  | 161 | 1   |
| 1             | 1  | 4  | 4  | 4  | 1  | 1  | 1  | 1  | 1  | 4  | 4  | 4  | 4  | 4  | 4  | 4                           | 1  | 1   | 53  |
| 1             | 4  | 4  | 4  | 4  | 4  | 1  | 1  | 1  | 1  | 4  | 4  | 4  | 4  | 4  | 4  | 4                           | 1  | 1   | 64  |
| 1             | 4  | 4  | 1  | 4  | 4  | 1  | 1  | 1  | 1  | 4  | 4  | 4  | 9  | 9  | 9  | 4                           | 1  | 1   | 68  |

[illegible]

# JUMLAH KUADRAT

|              |                                           |         |
|--------------|-------------------------------------------|---------|
| JK Total     | $\sum (n)^2 - FK$                         | 441,183 |
| JK perlakuan | $\sum (TOTAL\ PERLAKUAN)^2 / r_{xp} - FK$ | 320,283 |
| JK Panelis   | $\sum (TOTAL\ PANELIS)^2 / br - FK$       | 13,350  |
| JK Galat     | JK Total - JK Perlakuan - JK Panelis      | 107,550 |

## KUADRAT TENGAH

|              |                             |         |
|--------------|-----------------------------|---------|
| KT perlakuan | JK Perlakuan / DB Perlakuan | 106,761 |
| KT panelis   | JK Panelis / DB Panelis     | 0,703   |
| KT Galat     | JK Galat / DB Galat         | 0,496   |

## F HITUNG

|                 |                         |         |
|-----------------|-------------------------|---------|
| F Hit Perlakuan | KT Perlakuan / KT Galat | 215,408 |
| F Hit Panelis   | KT Panelis / KT Galat   | 1,418   |

## TABEL ANOVA

| SK        | DB  | JK      | KT      | F HITUNG  | F TABEL |       |
|-----------|-----|---------|---------|-----------|---------|-------|
|           |     |         |         |           | 0,05    | 0,01  |
| Perlakuan | 3   | 320,283 | 106,761 | 215,408** | 2,646   | 3,873 |
| Panelis   | 19  | 13,350  | 0,703   | 1,418 tn  | 1,635   | 1,990 |
| Galat     | 217 | 107,550 | 0,496   |           |         |       |
| Total     | 239 | 441,183 |         |           |         |       |

UJI DMRT  $\sqrt{KTG/P}$  0,406

## TABEL SSR

### DB GALAT

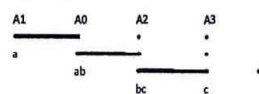
| NILAI | 2     | 3     | 4     |
|-------|-------|-------|-------|
| SSR   | 3,64  | 3,8   | 3,9   |
| LSR   | 1,480 | 1,545 | 1,585 |

## UJI RATA-RATA PERLAKUAN

| PERLAKUAN | A1    | A0       | A2       | A3       |
|-----------|-------|----------|----------|----------|
|           | 4,583 | 4,167    | 2,833    | 1,650    |
| A1        | 4,583 | 0,417 tn | 1,75**   | 2,933**  |
| A0        | 4,167 |          | 1,333 tn | 2,517**  |
| A2        | 2,833 |          |          | 1,183 tn |
| A3        | 1,650 |          |          |          |

| PERLAKUAN | NOTASI |
|-----------|--------|
| A0        | a      |
| A1        | ab     |
| A2        | bc     |
| A3        | c      |

## NOTASI



[illegible][illegible]

|                       |                                        |  |         |
|-----------------------|----------------------------------------|--|---------|
| <b>JUMLAH KUADRAT</b> |                                        |  |         |
| JK Total              | $\sum (n)^2 - FK$                      |  | 487,163 |
| JK perlakuan          | $\sum (TOTAL\ PERLAKUAN)^2 / rnp - FK$ |  | 373,946 |
| JK Panelis            | $\sum (TOTAL\ PANELIS)^2 / br - FK$    |  | 12,246  |
| JK Galat              | JK Total - JK Perlakuan - JK Panelis   |  | 100,971 |

|                       |                             |  |         |
|-----------------------|-----------------------------|--|---------|
| <b>KUADRAT TENGAH</b> |                             |  |         |
| KT perlakuan          | JK Perlakuan / DB Perlakuan |  | 124,649 |
| KT panelis            | JK Panelis / DB Panelis     |  | 0,645   |
| KT Galat              | JK Galat / DB Galat         |  | 0,465   |

|                 |                         |  |         |
|-----------------|-------------------------|--|---------|
| <b>F HITUNG</b> |                         |  |         |
| F Hit Perlakuan | KT Perlakuan / KT Galat |  | 267,887 |
| F Hit Panelis   | KT Panelis / KT Galat   |  | 1,385   |

| TABEL ANOVA |     |         |         |           |               |
|-------------|-----|---------|---------|-----------|---------------|
| SK          | DB  | JK      | KT      | F HITUNG  | F TABEL       |
|             |     |         |         |           | 0,05   0,01   |
| Perlakuan   | 3   | 373,946 | 124,649 | 267,887** | 2,646   3,873 |
| Panelis     | 19  | 12,246  | 0,645   | 1,385 tn  | 1,635   1,990 |
| Galat       | 217 | 100,971 | 0,465   |           |               |
| Total       | 239 | 487,163 |         |           |               |

UJI DMRT VKTG/P 0,394

TABEL SSR  
DB GALAT

| NILAI | 2     | 3     | 4     |
|-------|-------|-------|-------|
| SSR   | 3,64  | 3,8   | 3,9   |
| LSR   | 1,434 | 1,497 | 1,536 |

UJI RATA-RATA PERLAKUAN

| PERLAKUAN | A1    | A0       | A2      | A3       |
|-----------|-------|----------|---------|----------|
|           | 4,683 | 4,350    | 2,317   | 1,800    |
| A1        | 4,683 | 0,333 tn | 2,367** | 2,883**  |
| A0        | 4,350 |          | 2,033** | 2,55**   |
| A2        | 2,317 |          |         | 0,517 tn |
| A3        | 1,800 |          |         |          |

| PERLAKUAN | NOTASI |
|-----------|--------|
| A0        | a      |
| A1        | a      |
| A2        | b      |
| A3        | b      |

NOTASI

|    |    |    |    |
|----|----|----|----|
| A1 | A0 | A2 | A3 |
| a  |    | a  | a  |
|    |    |    | b  |

| DATA ANALISIS RASA AKARILAN |         |         |          |     |          |          |          |     |     |     |          |     |     |     |          |          |     |     |     |     |     |       |        |
|-----------------------------|---------|---------|----------|-----|----------|----------|----------|-----|-----|-----|----------|-----|-----|-----|----------|----------|-----|-----|-----|-----|-----|-------|--------|
| PERLUKUAN                   | ULANGAN | PANELIS |          |     |          |          |          |     |     |     |          |     |     |     |          |          |     |     |     |     |     | TOTAL | PERATA |
|                             |         | 1       | 2        | 3   | 4        | 5        | 6        | 7   | 8   | 9   | 10       | 11  | 12  | 13  | 14       | 15       | 16  | 17  | 18  | 19  | 20  |       |        |
| A0                          | 1       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 4   | 5   | 5   | 5   | 5   |       |        |
|                             | 2       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
|                             | 3       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
| TOTAL                       |         | 15      | 15       | 15  | 15       | 12       | 12       | 12  | 12  | 15  | 15       | 12  | 12  | 12  | 12       | 12       | 15  | 15  | 15  | 15  | 15  | 270   | 33,5   |
| A1                          | 1       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
|                             | 2       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
|                             | 3       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
| TOTAL                       |         | 15      | 15       | 15  | 15       | 12       | 12       | 12  | 12  | 15  | 15       | 12  | 12  | 12  | 12       | 12       | 15  | 15  | 15  | 15  | 15  | 270   | 33,5   |
| A2                          | 1       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
|                             | 2       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
|                             | 3       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
| TOTAL                       |         | 15      | 15       | 15  | 15       | 12       | 12       | 12  | 12  | 15  | 15       | 12  | 12  | 12  | 12       | 12       | 15  | 15  | 15  | 15  | 15  | 270   | 33,5   |
| A3                          | 1       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
|                             | 2       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
|                             | 3       | 5       | 5        | 5   | 5        | 4        | 4        | 4   | 4   | 5   | 5        | 4   | 4   | 4   | 4        | 4        | 5   | 5   | 5   | 5   | 5   |       |        |
| TOTAL                       |         | 15      | 15       | 15  | 15       | 12       | 12       | 12  | 12  | 15  | 15       | 12  | 12  | 12  | 12       | 12       | 15  | 15  | 15  | 15  | 15  | 270   | 33,5   |
| TOTAL                       |         | 39      | 39       | 39  | 39       | 30       | 30       | 30  | 30  | 39  | 39       | 30  | 30  | 30  | 30       | 30       | 39  | 39  | 39  | 39  | 39  | 1020  | 33,5   |
| PERATA                      |         | 3,1     | 3,055667 | 3,1 | 3,055667 | 3,055667 | 3,055667 | 3,1 | 3,1 | 3,1 | 3,055667 | 3,1 | 3,1 | 3,1 | 3,055667 | 3,055667 | 3,1 | 3,1 | 3,1 | 3,1 | 3,1 | 33,5  | 3,1    |
| TOTAL                       |         | 39      | 39       | 39  | 39       | 41       | 38       | 38  | 38  | 38  | 40       | 41  | 43  | 43  | 43       | 38       | 38  | 37  | 38  | 43  | 39  | 790   |        |

| $\sum (n_i^2)$             | 25    | 25   | 25    | 16    | 16    | 16    | 16    | 25   | 25   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 25   | 25   | 25   | 25   | 25   | 405   |
|----------------------------|-------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| $\sum (TOTAL PERLUKUAN)^2$ | 22500 | 8289 | 17161 | 10404 | 10404 | 10404 | 10404 | 1156 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1296 | 1369 | 1444 | 1444 | 1521 | 31340 |
| $\sum (TOTAL PANELIS)^2$   | 1521  | 1444 | 2116  | 1681  | 1444  | 1444  | 1444  | 1156 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1296 | 1369 | 1444 | 1444 | 1521 | 31340 |

|                |                                        |          |     |
|----------------|----------------------------------------|----------|-----|
| PERLUKUAN (i)  | 4                                      | ter      | 12  |
| ULANGAN (j)    | 3                                      | rup      | 60  |
| PANELIS (k)    | 20                                     | terup    | 240 |
| DERAJAT BEBAS  |                                        |          |     |
| DB TOTAL       | (terup) - 1                            | 239      |     |
| DB Perlakuan   | (i) - 1                                | 3        |     |
| DB Panelis     | (j) - 1                                | 19       |     |
| DB Galat       | DB Total - DB Perlakuan - DB Total     | 217      |     |
| FAKTOR KOREKSI |                                        |          |     |
| FK             | $\frac{(\sum TOTAL)^2}{n \cdot terup}$ | 2600,417 |     |

|                |                                                       |         |  |
|----------------|-------------------------------------------------------|---------|--|
| JUMLAH KUADRAT |                                                       |         |  |
| JK Total       | $\sum (n_i^2) \cdot FK$                               | 553,583 |  |
| JK perlakuan   | $\frac{\sum (TOTAL PERLUKUAN)^2}{n \cdot terup} - FK$ | 446,817 |  |
| JK Panelis     | $\frac{\sum (TOTAL PANELIS)^2}{n \cdot terup} - FK$   | 11,250  |  |
| JK Galat       | JK Total - JK Perlakuan - JK Panelis                  | 95,517  |  |

|                |                             |         |  |
|----------------|-----------------------------|---------|--|
| KUADRAT TENGAH |                             |         |  |
| KT perlakuan   | JK Perlakuan / DB Perlakuan | 148,939 |  |
| KT panelis     | JK Panelis / DB Panelis     | 0,592   |  |
| KT Galat       | JK Galat / DB Galat         | 0,440   |  |

|                 |                         |         |  |
|-----------------|-------------------------|---------|--|
| F HITUNG        |                         |         |  |
| F Hit Perlakuan | KT Perlakuan / KT Galat | 338,368 |  |
| F Hit Panelis   | KT Panelis / KT Galat   | 1,345   |  |

| TABEL ANOVA |     |         |         |           |             |
|-------------|-----|---------|---------|-----------|-------------|
| SK          | DB  | JK      | KT      | F HITUNG  | F TABEL     |
| Perlakuan   | 3   | 446,817 | 148,939 | 338,368** | 0,05 0,01   |
| Panelis     | 19  | 11,250  | 0,592   | 1,345 tn  | 2,646 3,872 |
| Galat       | 217 | 95,517  | 0,440   |           | 3,635 3,990 |
| Total       | 239 | 553,583 |         |           |             |

UHI DMRT VKTG/P 0,383

TABEL SSR

DB GALAT

| NILAI | 2     | 3     | 4     |
|-------|-------|-------|-------|
| SSR   | 3,64  | 3,8   | 3,9   |
| LSR   | 1,994 | 1,456 | 1,494 |

UHI RATA-RATA PERLUKUAN

| PERLUKUAN | A1    | A0       | A2      | A3       |
|-----------|-------|----------|---------|----------|
| A1        | 4,783 | 4,500    | 2,183   | 1,700    |
| A0        | 4,783 | 0,283 tn | 2,6**   | 3,083**  |
| A2        | 4,500 |          | 2,317** | 2,8**    |
| A3        | 2,183 |          |         | 0,483 tn |
| A3        | 1,700 |          |         |          |

| PERLUKUAN | NOTASI |
|-----------|--------|
| A0        | a      |
| A1        | a      |
| A2        | b      |
| A3        | b      |

NOTASI  
A1 A0 A2 A3  
a b

[illegible]