

## LAMPIRAN 9

### DATA ORDINAL, METODE SUCCESSIVE INTERVAL (MSI), HASIL DATA VARIABEL X2

| No.<br>Resp | NO DATA ORDINAL X2 |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |        |
|-------------|--------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|--------|
|             | 1                  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Jumlah |
| 1           | 4                  | 5 | 4 | 4 | 5 | 5 | 4 | 2 | 4 | 5  | 5  | 4  | 5  | 4  | 4  | 5  | 3  | 4  | 3  | 4  | 83     |
| 2           | 5                  | 3 | 1 | 5 | 3 | 4 | 3 | 4 | 5 | 3  | 5  | 3  | 2  | 3  | 4  | 5  | 4  | 3  | 2  | 4  | 71     |
| 3           | 5                  | 4 | 3 | 3 | 4 | 1 | 4 | 2 | 4 | 5  | 2  | 4  | 2  | 1  | 4  | 4  | 4  | 4  | 5  | 5  | 70     |
| 4           | 2                  | 3 | 4 | 1 | 3 | 4 | 5 | 4 | 2 | 3  | 4  | 5  | 1  | 2  | 3  | 1  | 3  | 3  | 4  | 1  | 58     |
| 5           | 5                  | 3 | 4 | 5 | 5 | 4 | 5 | 3 | 5 | 5  | 4  | 3  | 5  | 5  | 2  | 5  | 3  | 4  | 1  | 3  | 79     |
| 6           | 4                  | 4 | 5 | 5 | 5 | 3 | 5 | 4 | 5 | 4  | 5  | 4  | 4  | 5  | 5  | 2  | 4  | 5  | 4  | 5  | 87     |
| 7           | 4                  | 3 | 4 | 4 | 4 | 2 | 3 | 4 | 5 | 4  | 3  | 4  | 5  | 5  | 5  | 3  | 4  | 4  | 5  | 4  | 79     |
| 8           | 5                  | 4 | 1 | 3 | 4 | 4 | 5 | 5 | 2 | 5  | 3  | 4  | 5  | 3  | 1  | 4  | 3  | 1  | 3  | 3  | 68     |
| 9           | 5                  | 4 | 4 | 2 | 3 | 3 | 4 | 5 | 5 | 2  | 4  | 5  | 1  | 3  | 2  | 4  | 5  | 2  | 4  | 2  | 69     |
| 10          | 4                  | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 3  | 4  | 4  | 3  | 5  | 5  | 3  | 3  | 3  | 1  | 1  | 76     |
| 11          | 4                  | 4 | 5 | 2 | 5 | 4 | 5 | 3 | 5 | 5  | 5  | 5  | 3  | 4  | 4  | 5  | 5  | 4  | 5  | 4  | 86     |
| 12          | 2                  | 3 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 2  | 4  | 1  | 4  | 3  | 1  | 5  | 4  | 5  | 5  | 3  | 75     |
| 13          | 5                  | 4 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 1  | 3  | 2  | 5  | 4  | 4  | 4  | 5  | 5  | 3  | 4  | 61     |
| 14          | 5                  | 1 | 3 | 5 | 3 | 2 | 1 | 3 | 4 | 4  | 2  | 2  | 4  | 5  | 3  | 2  | 1  | 3  | 4  | 3  | 60     |
| 15          | 3                  | 4 | 5 | 3 | 4 | 5 | 5 | 4 | 3 | 5  | 5  | 3  | 3  | 1  | 3  | 4  | 3  | 5  | 3  | 3  | 74     |
| 16          | 4                  | 5 | 3 | 3 | 4 | 5 | 5 | 3 | 5 | 5  | 5  | 3  | 5  | 3  | 5  | 5  | 5  | 3  | 4  | 3  | 83     |
| 17          | 4                  | 5 | 3 | 2 | 5 | 3 | 5 | 4 | 5 | 4  | 2  | 4  | 5  | 4  | 5  | 4  | 2  | 4  | 4  | 5  | 79     |

|    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 18 | 3 | 4 | 2 | 1 | 2 | 4 | 3 | 2 | 4 | 1 | 3 | 2 | 3 | 2 | 4 | 1 | 3 | 2 | 4 | 4 | 54 |
| 19 | 3 | 4 | 3 | 1 | 2 | 4 | 3 | 2 | 1 | 1 | 3 | 2 | 3 | 2 | 1 | 1 | 3 | 2 | 4 | 4 | 49 |
| 20 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 3 | 5 | 5 | 4 | 3 | 5 | 3 | 5 | 5 | 4 | 3 | 5 | 5 | 86 |
| 21 | 4 | 4 | 5 | 5 | 5 | 3 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 3 | 87 |
| 22 | 4 | 3 | 4 | 4 | 4 | 2 | 3 | 4 | 5 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 3 | 4 | 74 |
| 23 | 5 | 4 | 1 | 3 | 4 | 4 | 5 | 5 | 2 | 5 | 3 | 4 | 5 | 5 | 2 | 5 | 3 | 4 | 1 | 3 | 73 |
| 24 | 5 | 4 | 4 | 2 | 3 | 3 | 4 | 5 | 5 | 2 | 4 | 5 | 4 | 5 | 5 | 2 | 4 | 5 | 4 | 5 | 80 |
| 25 | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 4 | 87 |
| 26 | 4 | 4 | 5 | 2 | 5 | 4 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 4 | 5 | 89 |
| 27 | 2 | 3 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 1 | 5 | 5 | 4 | 2 | 4 | 1 | 5 | 5 | 76 |
| 28 | 5 | 4 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 2 | 39 |
| 29 | 2 | 3 | 5 | 3 | 4 | 4 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 3 | 4 | 84 |
| 30 | 4 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 3 | 2 | 1 | 4 | 4 | 5 | 3 | 2 | 1 | 4 | 4 | 3 | 70 |
| 31 | 3 | 4 | 5 | 3 | 5 | 4 | 3 | 1 | 4 | 1 | 3 | 5 | 3 | 1 | 4 | 1 | 3 | 5 | 3 | 4 | 65 |
| 32 | 4 | 2 | 4 | 4 | 2 | 5 | 3 | 2 | 1 | 1 | 1 | 4 | 3 | 2 | 1 | 1 | 1 | 4 | 4 | 4 | 53 |
| 33 | 5 | 4 | 1 | 3 | 4 | 4 | 5 | 5 | 2 | 5 | 3 | 4 | 5 | 5 | 2 | 5 | 3 | 4 | 1 | 3 | 73 |
| 34 | 5 | 4 | 4 | 2 | 3 | 3 | 4 | 5 | 5 | 2 | 4 | 5 | 4 | 5 | 5 | 2 | 4 | 5 | 4 | 5 | 80 |
| 35 | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 4 | 87 |
| 36 | 1 | 1 | 4 | 2 | 1 | 2 | 5 | 3 | 1 | 4 | 3 | 1 | 5 | 3 | 1 | 4 | 3 | 1 | 3 | 3 | 51 |
| 37 | 5 | 3 | 2 | 3 | 4 | 4 | 1 | 3 | 2 | 4 | 5 | 2 | 1 | 3 | 2 | 4 | 5 | 2 | 4 | 2 | 61 |
| 38 | 4 | 1 | 5 | 3 | 5 | 2 | 3 | 5 | 5 | 3 | 3 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 1 | 1 | 66 |
| 39 | 4 | 5 | 1 | 5 | 4 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 82 |
| 40 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 3 | 1 | 5 | 4 | 5 | 4 | 3 | 1 | 5 | 4 | 5 | 5 | 3 | 80 |
| 41 | 3 | 4 | 5 | 5 | 3 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 3 | 4 | 85 |

|    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 42 | 1 | 1 | 3 | 4 | 1 | 3 | 4 | 5 | 3 | 2 | 1 | 3 | 4 | 5 | 3 | 2 | 1 | 3 | 4 | 3 | 56 |
| 43 | 2 | 3 | 4 | 5 | 2 | 4 | 3 | 1 | 3 | 4 | 3 | 5 | 3 | 1 | 3 | 4 | 3 | 5 | 3 | 3 | 64 |
| 44 | 4 | 3 | 4 | 4 | 4 | 2 | 3 | 4 | 5 | 4 | 3 | 4 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 4 | 79 |
| 45 | 5 | 4 | 1 | 3 | 4 | 4 | 5 | 5 | 2 | 5 | 3 | 4 | 5 | 3 | 1 | 4 | 3 | 1 | 3 | 3 | 68 |
| 46 | 5 | 4 | 4 | 2 | 3 | 3 | 4 | 5 | 5 | 2 | 4 | 5 | 1 | 3 | 2 | 4 | 5 | 2 | 4 | 2 | 69 |
| 47 | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 3 | 4 | 4 | 3 | 5 | 5 | 3 | 3 | 3 | 1 | 1 | 76 |
| 48 | 4 | 4 | 5 | 2 | 5 | 4 | 5 | 3 | 5 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 86 |
| 49 | 2 | 3 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 1 | 4 | 3 | 1 | 5 | 4 | 5 | 5 | 3 | 75 |
| 50 | 2 | 1 | 4 | 4 | 5 | 3 | 2 | 1 | 4 | 4 | 3 | 5 | 2 | 5 | 4 | 5 | 3 | 5 | 5 | 5 | 72 |
| 51 | 1 | 3 | 5 | 3 | 1 | 4 | 1 | 3 | 5 | 3 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 1 | 71 |
| 52 | 1 | 1 | 4 | 3 | 2 | 1 | 1 | 1 | 4 | 4 | 4 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 4 | 5 | 47 |
| 53 | 5 | 3 | 4 | 5 | 5 | 2 | 5 | 3 | 4 | 1 | 3 | 5 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 5 | 77 |
| 54 | 2 | 4 | 5 | 4 | 5 | 5 | 2 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 3 | 4 | 5 | 3 | 4 | 2 | 80 |
| 55 | 3 | 4 | 4 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 4 | 5 | 3 | 5 | 4 | 3 | 1 | 4 | 3 | 5 | 79 |
| 56 | 4 | 3 | 1 | 5 | 3 | 1 | 4 | 3 | 1 | 3 | 3 | 4 | 4 | 2 | 5 | 3 | 2 | 1 | 4 | 4 | 60 |
| 57 | 4 | 5 | 2 | 1 | 3 | 2 | 4 | 5 | 2 | 4 | 2 | 1 | 3 | 4 | 4 | 5 | 5 | 2 | 4 | 5 | 67 |
| 58 | 3 | 3 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 1 | 1 | 4 | 2 | 3 | 3 | 4 | 5 | 5 | 2 | 4 | 65 |
| 59 | 5 | 5 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 4 | 1 | 85 |
| 60 | 5 | 4 | 5 | 4 | 3 | 1 | 5 | 4 | 5 | 5 | 3 | 4 | 2 | 1 | 2 | 5 | 3 | 1 | 4 | 4 | 70 |
| 61 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 3 | 4 | 2 | 3 | 4 | 4 | 1 | 3 | 2 | 5 | 5 | 77 |
| 62 | 2 | 1 | 3 | 4 | 5 | 3 | 2 | 1 | 3 | 4 | 3 | 5 | 3 | 5 | 2 | 3 | 5 | 5 | 1 | 4 | 64 |
| 63 | 4 | 3 | 5 | 3 | 1 | 3 | 4 | 3 | 5 | 3 | 3 | 1 | 5 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 67 |
| 64 | 4 | 3 | 4 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 1 | 1 | 5 | 78 |
| 65 | 5 | 3 | 4 | 5 | 3 | 1 | 4 | 3 | 1 | 3 | 3 | 5 | 5 | 3 | 4 | 5 | 4 | 4 | 5 | 1 | 71 |

|    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 66 | 2 | 1 | 4 | 4 | 5 | 3 | 2 | 1 | 4 | 4 | 3 | 3 | 4 | 1 | 3 | 4 | 5 | 3 | 5 | 4 | 65 |
| 67 | 1 | 3 | 5 | 3 | 1 | 4 | 1 | 3 | 5 | 3 | 4 | 4 | 5 | 2 | 4 | 3 | 1 | 3 | 4 | 5 | 64 |
| 68 | 1 | 1 | 4 | 3 | 2 | 1 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 3 | 4 | 5 | 1 | 3 | 56 |
| 69 | 5 | 3 | 4 | 5 | 5 | 2 | 5 | 3 | 4 | 1 | 3 | 5 | 3 | 5 | 2 | 3 | 5 | 5 | 3 | 4 | 75 |
| 70 | 2 | 4 | 5 | 4 | 5 | 5 | 2 | 4 | 5 | 4 | 5 | 1 | 5 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 77 |
| 71 | 3 | 4 | 4 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 1 | 1 | 5 | 78 |
| 72 | 4 | 3 | 1 | 5 | 3 | 1 | 4 | 3 | 1 | 3 | 3 | 5 | 5 | 3 | 4 | 5 | 4 | 4 | 5 | 1 | 67 |
| 73 | 4 | 5 | 2 | 1 | 3 | 2 | 4 | 5 | 2 | 4 | 2 | 3 | 4 | 1 | 3 | 4 | 5 | 3 | 5 | 4 | 66 |
| 74 | 3 | 3 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 1 | 1 | 4 | 5 | 2 | 4 | 3 | 1 | 3 | 4 | 5 | 64 |
| 75 | 5 | 5 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 2 | 3 | 4 | 5 | 1 | 3 | 78 |
| 76 | 5 | 4 | 5 | 4 | 3 | 1 | 5 | 4 | 5 | 5 | 3 | 4 | 4 | 2 | 5 | 3 | 2 | 1 | 3 | 4 | 72 |
| 77 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 3 | 4 | 1 | 3 | 4 | 4 | 5 | 5 | 2 | 3 | 4 | 79 |
| 78 | 2 | 1 | 3 | 4 | 5 | 3 | 2 | 1 | 3 | 4 | 3 | 4 | 2 | 3 | 3 | 4 | 5 | 5 | 4 | 5 | 66 |
| 79 | 4 | 3 | 5 | 3 | 1 | 3 | 4 | 3 | 5 | 3 | 3 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 3 | 1 | 73 |
| 80 | 4 | 3 | 4 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 4 | 4 | 2 | 1 | 2 | 5 | 3 | 1 | 3 | 4 | 71 |
| 81 | 5 | 3 | 4 | 5 | 3 | 1 | 4 | 3 | 1 | 3 | 3 | 2 | 3 | 4 | 4 | 1 | 3 | 2 | 3 | 2 | 59 |

## HASIL MSI DATA PENELETIAN X2

| No.<br>Resp | NO ITEM DATA INTERVAL X2 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|             | 1                        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | Jumlah |
| 1           | 2.925                    | 4.095 | 2.713 | 3.163 | 3.913 | 4.077 | 2.761 | 1.632 | 2.574 | 3.820 | 4.415 | 2.809 | 4.040 | 2.878 | 2.896 | 3.820 | 2.187 | 2.829 | 2.031 | 2.947 | 63     |
| 2           | 4.034                    | 2.114 | 1.000 | 4.114 | 2.346 | 3.014 | 2.161 | 2.843 | 3.628 | 2.233 | 4.415 | 2.131 | 1.707 | 2.283 | 2.896 | 3.820 | 2.935 | 2.221 | 1.568 | 2.947 | 54     |
| 3           | 4.034                    | 3.031 | 2.032 | 2.477 | 2.956 | 1.000 | 2.761 | 1.632 | 2.574 | 3.820 | 1.640 | 2.809 | 1.707 | 1.000 | 2.896 | 2.831 | 2.935 | 2.829 | 3.870 | 4.013 | 53     |
| 4           | 1.829                    | 2.114 | 2.713 | 1.000 | 2.346 | 3.014 | 3.758 | 2.843 | 1.704 | 2.233 | 3.367 | 3.954 | 1.000 | 1.729 | 2.305 | 1.000 | 2.187 | 2.221 | 2.819 | 1.000 | 45     |
| 5           | 4.034                    | 2.114 | 2.713 | 4.114 | 3.913 | 3.014 | 3.758 | 2.176 | 3.628 | 3.820 | 3.367 | 2.131 | 4.040 | 3.820 | 1.818 | 3.820 | 2.187 | 2.829 | 1.000 | 2.196 | 60     |
| 6           | 2.925                    | 3.031 | 3.852 | 4.114 | 3.913 | 2.320 | 3.758 | 2.843 | 3.628 | 2.843 | 4.415 | 2.809 | 3.067 | 3.820 | 3.926 | 1.681 | 2.935 | 3.826 | 2.819 | 4.013 | 67     |
| 7           | 2.925                    | 2.114 | 2.713 | 3.163 | 2.956 | 1.797 | 2.161 | 2.843 | 3.628 | 2.843 | 2.430 | 2.809 | 4.040 | 3.820 | 3.926 | 2.196 | 2.935 | 2.829 | 3.870 | 2.947 | 59     |
| 8           | 4.034                    | 3.031 | 1.000 | 2.477 | 2.956 | 3.014 | 3.758 | 3.794 | 1.704 | 3.820 | 2.430 | 2.809 | 4.040 | 2.283 | 1.000 | 2.831 | 2.187 | 1.000 | 2.031 | 2.196 | 52     |
| 9           | 4.034                    | 3.031 | 2.713 | 1.768 | 2.346 | 2.320 | 2.761 | 3.794 | 3.628 | 1.727 | 3.367 | 3.954 | 1.000 | 2.283 | 1.818 | 2.831 | 3.902 | 1.748 | 2.819 | 1.681 | 54     |
| 10          | 2.925                    | 4.095 | 3.852 | 3.163 | 2.346 | 4.077 | 3.758 | 3.794 | 3.628 | 2.233 | 3.367 | 2.809 | 2.385 | 3.820 | 3.926 | 2.196 | 2.187 | 2.221 | 1.000 | 1.000 | 59     |
| 11          | 2.925                    | 3.031 | 3.852 | 1.768 | 3.913 | 3.014 | 3.758 | 2.176 | 3.628 | 3.820 | 4.415 | 3.954 | 2.385 | 2.878 | 2.896 | 3.820 | 3.902 | 2.829 | 3.870 | 2.947 | 66     |
| 12          | 1.829                    | 2.114 | 3.852 | 4.114 | 3.913 | 3.014 | 3.758 | 3.794 | 2.574 | 1.727 | 3.367 | 1.000 | 3.067 | 2.283 | 1.000 | 3.820 | 2.935 | 3.826 | 3.870 | 2.196 | 58     |
| 13          | 4.034                    | 3.031 | 1.656 | 2.477 | 1.723 | 1.797 | 1.000 | 1.000 | 1.000 | 1.000 | 2.430 | 1.733 | 4.040 | 2.878 | 2.896 | 2.831 | 3.902 | 3.826 | 2.031 | 2.947 | 48     |
| 14          | 4.034                    | 1.000 | 2.032 | 4.114 | 2.346 | 1.797 | 1.000 | 2.176 | 2.574 | 2.843 | 1.640 | 1.733 | 3.067 | 3.820 | 2.305 | 1.681 | 1.000 | 2.221 | 2.819 | 2.196 | 46     |
| 15          | 2.301                    | 3.031 | 3.852 | 2.477 | 2.956 | 4.077 | 3.758 | 2.843 | 2.061 | 3.820 | 4.415 | 2.131 | 2.385 | 1.000 | 2.305 | 2.831 | 2.187 | 3.826 | 2.031 | 2.196 | 56     |
| 16          | 2.925                    | 4.095 | 2.032 | 2.477 | 2.956 | 4.077 | 3.758 | 2.176 | 3.628 | 3.820 | 4.415 | 2.131 | 4.040 | 2.283 | 3.926 | 3.820 | 3.902 | 2.221 | 2.819 | 2.196 | 64     |

|    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 17 | 2.925 | 4.095 | 2.032 | 1.768 | 3.913 | 2.320 | 3.758 | 2.843 | 3.628 | 2.843 | 1.640 | 2.809 | 4.040 | 2.878 | 3.926 | 2.831 | 1.570 | 2.829 | 2.819 | 4.013 | 59 |
| 18 | 2.301 | 3.031 | 1.656 | 1.000 | 1.723 | 3.014 | 2.161 | 1.632 | 2.574 | 1.000 | 2.430 | 1.733 | 2.385 | 1.729 | 2.896 | 1.000 | 2.187 | 1.748 | 2.819 | 2.947 | 42 |
| 19 | 2.301 | 3.031 | 2.032 | 1.000 | 1.723 | 3.014 | 2.161 | 1.632 | 1.000 | 1.000 | 2.430 | 1.733 | 2.385 | 1.729 | 1.000 | 1.000 | 2.187 | 1.748 | 2.819 | 2.947 | 39 |
| 20 | 4.034 | 2.114 | 2.713 | 4.114 | 3.913 | 3.014 | 3.758 | 2.176 | 3.628 | 3.820 | 3.367 | 2.131 | 4.040 | 2.283 | 3.926 | 3.820 | 2.935 | 2.221 | 3.870 | 4.013 | 66 |
| 21 | 2.925 | 3.031 | 3.852 | 4.114 | 3.913 | 2.320 | 3.758 | 2.843 | 3.628 | 2.843 | 4.415 | 2.809 | 4.040 | 2.878 | 3.926 | 2.831 | 3.902 | 2.829 | 2.819 | 2.196 | 66 |
| 22 | 2.925 | 2.114 | 2.713 | 3.163 | 2.956 | 1.797 | 2.161 | 2.843 | 3.628 | 2.843 | 2.430 | 2.809 | 2.385 | 2.878 | 3.926 | 2.831 | 2.187 | 2.829 | 2.031 | 2.947 | 54 |
| 23 | 4.034 | 3.031 | 1.000 | 2.477 | 2.956 | 3.014 | 3.758 | 3.794 | 1.704 | 3.820 | 2.430 | 2.809 | 4.040 | 3.820 | 1.818 | 3.820 | 2.187 | 2.829 | 1.000 | 2.196 | 57 |
| 24 | 4.034 | 3.031 | 2.713 | 1.768 | 2.346 | 2.320 | 2.761 | 3.794 | 3.628 | 1.727 | 3.367 | 3.954 | 3.067 | 3.820 | 3.926 | 1.681 | 2.935 | 3.826 | 2.819 | 4.013 | 62 |
| 25 | 2.925 | 4.095 | 3.852 | 3.163 | 2.346 | 4.077 | 3.758 | 3.794 | 3.628 | 2.233 | 3.367 | 2.809 | 4.040 | 3.820 | 3.926 | 2.196 | 2.935 | 2.829 | 3.870 | 2.947 | 67 |
| 26 | 2.925 | 3.031 | 3.852 | 1.768 | 3.913 | 3.014 | 3.758 | 2.176 | 3.628 | 3.820 | 4.415 | 3.954 | 4.040 | 2.283 | 3.926 | 3.820 | 3.902 | 3.826 | 2.819 | 4.013 | 69 |
| 27 | 1.829 | 2.114 | 3.852 | 4.114 | 3.913 | 3.014 | 3.758 | 3.794 | 2.574 | 1.727 | 3.367 | 1.000 | 4.040 | 3.820 | 2.896 | 1.681 | 2.935 | 1.000 | 3.870 | 4.013 | 59 |
| 28 | 4.034 | 3.031 | 1.656 | 2.477 | 1.723 | 1.797 | 1.000 | 1.000 | 1.000 | 1.000 | 2.430 | 1.733 | 1.000 | 1.000 | 1.000 | 1.000 | 2.187 | 1.748 | 1.000 | 1.681 | 33 |
| 29 | 1.829 | 2.114 | 3.852 | 2.477 | 2.956 | 3.014 | 3.758 | 3.794 | 2.061 | 3.820 | 4.415 | 3.954 | 4.040 | 3.820 | 2.305 | 3.820 | 3.902 | 3.826 | 2.031 | 2.947 | 65 |
| 30 | 2.925 | 3.031 | 2.713 | 4.114 | 3.913 | 2.320 | 2.761 | 3.794 | 2.061 | 1.727 | 1.000 | 2.809 | 3.067 | 3.820 | 2.305 | 1.681 | 1.000 | 2.829 | 2.819 | 2.196 | 53 |
| 31 | 2.301 | 3.031 | 3.852 | 2.477 | 3.913 | 3.014 | 2.161 | 1.000 | 2.574 | 1.000 | 2.430 | 3.954 | 2.385 | 1.000 | 2.896 | 1.000 | 2.187 | 3.826 | 2.031 | 2.947 | 50 |
| 32 | 2.925 | 1.525 | 2.713 | 3.163 | 1.723 | 4.077 | 2.161 | 1.632 | 1.000 | 1.000 | 1.000 | 2.809 | 2.385 | 1.729 | 1.000 | 1.000 | 1.000 | 2.829 | 2.819 | 2.947 | 41 |
| 33 | 4.034 | 3.031 | 1.000 | 2.477 | 2.956 | 3.014 | 3.758 | 3.794 | 1.704 | 3.820 | 2.430 | 2.809 | 4.040 | 3.820 | 1.818 | 3.820 | 2.187 | 2.829 | 1.000 | 2.196 | 57 |
| 34 | 4.034 | 3.031 | 2.713 | 1.768 | 2.346 | 2.320 | 2.761 | 3.794 | 3.628 | 1.727 | 3.367 | 3.954 | 3.067 | 3.820 | 3.926 | 1.681 | 2.935 | 3.826 | 2.819 | 4.013 | 62 |
| 35 | 2.925 | 4.095 | 3.852 | 3.163 | 2.346 | 4.077 | 3.758 | 3.794 | 3.628 | 2.233 | 3.367 | 2.809 | 4.040 | 3.820 | 3.926 | 2.196 | 2.935 | 2.829 | 3.870 | 2.947 | 67 |
| 36 | 1.000 | 1.000 | 2.713 | 1.768 | 1.000 | 1.797 | 3.758 | 2.176 | 1.000 | 2.843 | 2.430 | 1.000 | 4.040 | 2.283 | 1.000 | 2.831 | 2.187 | 1.000 | 2.031 | 2.196 | 40 |
| 37 | 4.034 | 2.114 | 1.656 | 2.477 | 2.956 | 3.014 | 1.000 | 2.176 | 1.704 | 2.843 | 4.415 | 1.733 | 1.000 | 2.283 | 1.818 | 2.831 | 3.902 | 1.748 | 2.819 | 1.681 | 48 |
| 38 | 2.925 | 1.000 | 3.852 | 2.477 | 3.913 | 1.797 | 2.161 | 3.794 | 3.628 | 2.233 | 2.430 | 2.131 | 2.385 | 3.820 | 3.926 | 2.196 | 2.187 | 2.221 | 1.000 | 1.000 | 51 |
| 39 | 2.925 | 4.095 | 1.000 | 4.114 | 2.956 | 3.014 | 2.161 | 2.843 | 2.574 | 3.820 | 4.415 | 2.809 | 2.385 | 2.878 | 2.896 | 3.820 | 3.902 | 2.829 | 3.870 | 2.947 | 62 |
| 40 | 4.034 | 4.095 | 2.713 | 3.163 | 3.913 | 4.077 | 2.761 | 2.176 | 1.000 | 3.820 | 3.367 | 3.954 | 3.067 | 2.283 | 1.000 | 3.820 | 2.935 | 3.826 | 3.870 | 2.196 | 62 |

|    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 41 | 2.301 | 3.031 | 3.852 | 4.114 | 2.346 | 3.014 | 3.758 | 2.843 | 2.574 | 2.843 | 4.415 | 3.954 | 4.040 | 2.878 | 2.896 | 2.831 | 3.902 | 3.826 | 2.031 | 2.947 | 64 |
| 42 | 1.000 | 1.000 | 2.032 | 3.163 | 1.000 | 2.320 | 2.761 | 3.794 | 2.061 | 1.727 | 1.000 | 2.131 | 3.067 | 3.820 | 2.305 | 1.681 | 1.000 | 2.221 | 2.819 | 2.196 | 43 |
| 43 | 1.829 | 2.114 | 2.713 | 4.114 | 1.723 | 3.014 | 2.161 | 1.000 | 2.061 | 2.843 | 2.430 | 3.954 | 2.385 | 1.000 | 2.305 | 2.831 | 2.187 | 3.826 | 2.031 | 2.196 | 49 |
| 44 | 2.925 | 2.114 | 2.713 | 3.163 | 2.956 | 1.797 | 2.161 | 2.843 | 3.628 | 2.843 | 2.430 | 2.809 | 4.040 | 3.820 | 3.926 | 2.196 | 2.935 | 2.829 | 3.870 | 2.947 | 59 |
| 45 | 4.034 | 3.031 | 1.000 | 2.477 | 2.956 | 3.014 | 3.758 | 3.794 | 1.704 | 3.820 | 2.430 | 2.809 | 4.040 | 2.283 | 1.000 | 2.831 | 2.187 | 1.000 | 2.031 | 2.196 | 52 |
| 46 | 4.034 | 3.031 | 2.713 | 1.768 | 2.346 | 2.320 | 2.761 | 3.794 | 3.628 | 1.727 | 3.367 | 3.954 | 1.000 | 2.283 | 1.818 | 2.831 | 3.902 | 1.748 | 2.819 | 1.681 | 54 |
| 47 | 2.925 | 4.095 | 3.852 | 3.163 | 2.346 | 4.077 | 3.758 | 3.794 | 3.628 | 2.233 | 3.367 | 2.809 | 2.385 | 3.820 | 3.926 | 2.196 | 2.187 | 2.221 | 1.000 | 1.000 | 59 |
| 48 | 2.925 | 3.031 | 3.852 | 1.768 | 3.913 | 3.014 | 3.758 | 2.176 | 3.628 | 3.820 | 4.415 | 3.954 | 2.385 | 2.878 | 2.896 | 3.820 | 3.902 | 2.829 | 3.870 | 2.947 | 66 |
| 49 | 1.829 | 2.114 | 3.852 | 4.114 | 3.913 | 3.014 | 3.758 | 3.794 | 2.574 | 1.727 | 3.367 | 1.000 | 3.067 | 2.283 | 1.000 | 3.820 | 2.935 | 3.826 | 3.870 | 2.196 | 58 |
| 50 | 1.829 | 1.000 | 2.713 | 3.163 | 3.913 | 2.320 | 1.656 | 1.000 | 2.574 | 2.843 | 2.430 | 3.954 | 1.707 | 3.820 | 2.896 | 3.820 | 2.187 | 3.826 | 3.870 | 4.013 | 56 |
| 51 | 1.000 | 2.114 | 3.852 | 2.477 | 1.000 | 3.014 | 1.000 | 2.176 | 3.628 | 2.233 | 3.367 | 3.954 | 4.040 | 3.820 | 2.896 | 3.820 | 3.902 | 2.829 | 2.819 | 1.000 | 55 |
| 52 | 1.000 | 1.000 | 2.713 | 2.477 | 1.723 | 1.000 | 1.000 | 1.000 | 2.574 | 2.843 | 3.367 | 1.733 | 2.385 | 1.729 | 1.818 | 1.000 | 1.000 | 1.000 | 2.819 | 4.013 | 38 |
| 53 | 4.034 | 2.114 | 2.713 | 4.114 | 3.913 | 1.797 | 3.758 | 2.176 | 2.574 | 1.000 | 2.430 | 3.954 | 2.385 | 2.878 | 2.896 | 3.820 | 3.902 | 2.221 | 2.031 | 4.013 | 59 |
| 54 | 1.829 | 3.031 | 3.852 | 3.163 | 3.913 | 4.077 | 1.656 | 2.843 | 3.628 | 2.843 | 4.415 | 2.809 | 4.040 | 3.820 | 2.305 | 2.831 | 3.902 | 2.221 | 2.819 | 1.681 | 62 |
| 55 | 2.301 | 3.031 | 2.713 | 4.114 | 3.913 | 4.077 | 2.161 | 2.843 | 2.574 | 3.820 | 3.367 | 3.954 | 2.385 | 3.820 | 2.896 | 2.196 | 1.000 | 2.829 | 2.031 | 4.013 | 60 |
| 56 | 2.925 | 2.114 | 1.000 | 4.114 | 2.346 | 1.000 | 2.761 | 2.176 | 1.000 | 2.233 | 2.430 | 2.809 | 3.067 | 1.729 | 3.926 | 2.196 | 1.570 | 1.000 | 2.819 | 2.947 | 46 |
| 57 | 2.925 | 4.095 | 1.656 | 1.000 | 2.346 | 1.797 | 2.761 | 3.794 | 1.704 | 2.843 | 1.640 | 1.000 | 2.385 | 2.878 | 2.896 | 3.820 | 3.902 | 1.748 | 2.819 | 4.013 | 52 |
| 58 | 2.301 | 2.114 | 2.032 | 2.477 | 3.913 | 4.077 | 2.161 | 2.176 | 2.061 | 1.000 | 1.000 | 2.809 | 1.707 | 2.283 | 2.305 | 2.831 | 3.902 | 3.826 | 1.568 | 2.947 | 49 |
| 59 | 4.034 | 4.095 | 2.713 | 2.477 | 2.956 | 3.014 | 3.758 | 3.794 | 2.574 | 3.820 | 3.367 | 3.954 | 3.067 | 2.283 | 3.926 | 3.820 | 3.902 | 3.826 | 2.819 | 1.000 | 65 |
| 60 | 4.034 | 3.031 | 3.852 | 3.163 | 2.346 | 1.000 | 3.758 | 2.843 | 3.628 | 3.820 | 2.430 | 2.809 | 1.707 | 1.000 | 1.818 | 3.820 | 2.187 | 1.000 | 2.819 | 2.947 | 54 |
| 61 | 2.925 | 4.095 | 3.852 | 4.114 | 2.956 | 3.014 | 2.761 | 3.794 | 3.628 | 2.233 | 3.367 | 1.733 | 2.385 | 2.878 | 2.896 | 1.000 | 2.187 | 1.748 | 3.870 | 4.013 | 59 |
| 62 | 1.829 | 1.000 | 2.032 | 3.163 | 3.913 | 2.320 | 1.656 | 1.000 | 2.061 | 2.843 | 2.430 | 3.954 | 2.385 | 3.820 | 1.818 | 2.196 | 3.902 | 3.826 | 1.000 | 2.947 | 50 |
| 63 | 2.925 | 2.114 | 3.852 | 2.477 | 1.000 | 2.320 | 2.761 | 2.176 | 3.628 | 2.233 | 2.430 | 1.000 | 4.040 | 2.878 | 2.896 | 2.196 | 2.935 | 2.829 | 2.031 | 1.681 | 50 |
| 64 | 2.925 | 2.114 | 2.713 | 4.114 | 3.913 | 4.077 | 2.161 | 2.843 | 2.574 | 3.820 | 3.367 | 2.809 | 3.067 | 3.820 | 3.926 | 2.831 | 2.187 | 1.000 | 1.000 | 4.013 | 59 |

|    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 65 | 4.034 | 2.114 | 2.713 | 4.114 | 2.346 | 1.000 | 2.761 | 2.176 | 1.000 | 2.233 | 2.430 | 3.954 | 4.040 | 2.283 | 2.896 | 3.820 | 2.935 | 2.829 | 3.870 | 1.000 | 55 |
| 66 | 1.829 | 1.000 | 2.713 | 3.163 | 3.913 | 2.320 | 1.656 | 1.000 | 2.574 | 2.843 | 2.430 | 2.131 | 3.067 | 1.000 | 2.305 | 2.831 | 3.902 | 2.221 | 3.870 | 2.947 | 50 |
| 67 | 1.000 | 2.114 | 3.852 | 2.477 | 1.000 | 3.014 | 1.000 | 2.176 | 3.628 | 2.233 | 3.367 | 2.809 | 4.040 | 1.729 | 2.896 | 2.196 | 1.000 | 2.221 | 2.819 | 4.013 | 50 |
| 68 | 1.000 | 1.000 | 2.713 | 2.477 | 1.723 | 1.000 | 1.000 | 1.000 | 2.574 | 2.843 | 3.367 | 2.809 | 3.067 | 2.878 | 1.818 | 2.196 | 2.935 | 3.826 | 1.000 | 2.196 | 43 |
| 69 | 4.034 | 2.114 | 2.713 | 4.114 | 3.913 | 1.797 | 3.758 | 2.176 | 2.574 | 1.000 | 2.430 | 3.954 | 2.385 | 3.820 | 1.818 | 2.196 | 3.902 | 3.826 | 2.031 | 2.947 | 58 |
| 70 | 1.829 | 3.031 | 3.852 | 3.163 | 3.913 | 4.077 | 1.656 | 2.843 | 3.628 | 2.843 | 4.415 | 1.000 | 4.040 | 2.878 | 2.896 | 2.196 | 2.935 | 2.829 | 2.031 | 2.947 | 59 |
| 71 | 2.301 | 3.031 | 2.713 | 4.114 | 3.913 | 4.077 | 2.161 | 2.843 | 2.574 | 3.820 | 3.367 | 2.809 | 3.067 | 3.820 | 3.926 | 2.831 | 2.187 | 1.000 | 1.000 | 4.013 | 60 |
| 72 | 2.925 | 2.114 | 1.000 | 4.114 | 2.346 | 1.000 | 2.761 | 2.176 | 1.000 | 2.233 | 2.430 | 3.954 | 4.040 | 2.283 | 2.896 | 3.820 | 2.935 | 2.829 | 3.870 | 1.000 | 52 |
| 73 | 2.925 | 4.095 | 1.656 | 1.000 | 2.346 | 1.797 | 2.761 | 3.794 | 1.704 | 2.843 | 1.640 | 2.131 | 3.067 | 1.000 | 2.305 | 2.831 | 3.902 | 2.221 | 3.870 | 2.947 | 51 |
| 74 | 2.301 | 2.114 | 2.032 | 2.477 | 3.913 | 4.077 | 2.161 | 2.176 | 2.061 | 1.000 | 1.000 | 2.809 | 4.040 | 1.729 | 2.896 | 2.196 | 1.000 | 2.221 | 2.819 | 4.013 | 49 |
| 75 | 4.034 | 4.095 | 2.713 | 2.477 | 2.956 | 3.014 | 3.758 | 3.794 | 2.574 | 3.820 | 3.367 | 2.809 | 3.067 | 2.878 | 1.818 | 2.196 | 2.935 | 3.826 | 1.000 | 2.196 | 59 |
| 76 | 4.034 | 3.031 | 3.852 | 3.163 | 2.346 | 1.000 | 3.758 | 2.843 | 3.628 | 3.820 | 2.430 | 2.809 | 3.067 | 1.729 | 3.926 | 2.196 | 1.570 | 1.000 | 2.031 | 2.947 | 55 |
| 77 | 2.925 | 4.095 | 3.852 | 4.114 | 2.956 | 3.014 | 2.761 | 3.794 | 3.628 | 2.233 | 3.367 | 1.000 | 2.385 | 2.878 | 2.896 | 3.820 | 3.902 | 1.748 | 2.031 | 2.947 | 60 |
| 78 | 1.829 | 1.000 | 2.032 | 3.163 | 3.913 | 2.320 | 1.656 | 1.000 | 2.061 | 2.843 | 2.430 | 2.809 | 1.707 | 2.283 | 2.305 | 2.831 | 3.902 | 3.826 | 2.819 | 4.013 | 51 |
| 79 | 2.925 | 2.114 | 3.852 | 2.477 | 1.000 | 2.320 | 2.761 | 2.176 | 3.628 | 2.233 | 2.430 | 3.954 | 3.067 | 2.283 | 3.926 | 3.820 | 3.902 | 3.826 | 2.031 | 1.000 | 56 |
| 80 | 2.925 | 2.114 | 2.713 | 4.114 | 3.913 | 4.077 | 2.161 | 2.843 | 2.574 | 3.820 | 3.367 | 2.809 | 1.707 | 1.000 | 1.818 | 3.820 | 2.187 | 1.000 | 2.031 | 2.947 | 54 |
| 81 | 4.034 | 2.114 | 2.713 | 4.114 | 2.346 | 1.000 | 2.761 | 2.176 | 1.000 | 2.233 | 2.430 | 1.733 | 2.385 | 2.878 | 2.896 | 1.000 | 2.187 | 1.748 | 2.031 | 1.681 | 45 |



## DATA MSI X2

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 1        | 1                             | 6         | 0.074        | 0.074                  | 0.140           | -1.446 | 1.000                |
|          | 2                             | 12        | 0.148        | 0.222                  | 0.298           | -0.765 | 1.829                |
|          | 3                             | 9         | 0.111        | 0.333                  | 0.364           | -0.431 | 2.301                |
|          | 4                             | 29        | 0.358        | 0.691                  | 0.352           | 0.500  | 2.925                |
|          | 5                             | 25        | 0.309        | 1.000                  | 0.000           |        | 4.034                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 2        | 1                             | 10        | 0.123        | 0.123                  | 0.204           | -1.158 | 1.000                |
|          | 2                             | 1         | 0.012        | 0.136                  | 0.218           | -1.099 | 1.525                |
|          | 3                             | 27        | 0.333        | 0.469                  | 0.398           | -0.077 | 2.114                |
|          | 4                             | 28        | 0.346        | 0.815                  | 0.267           | 0.896  | 3.031                |
|          | 5                             | 15        | 0.185        | 1.000                  | 0.000           |        | 4.095                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 3        | 1                             | 8         | 0.099        | 0.099                  | 0.174           | -1.289 | 1.000                |
|          | 2                             | 6         | 0.074        | 0.173                  | 0.256           | -0.943 | 1.656                |
|          | 3                             | 10        | 0.123        | 0.296                  | 0.346           | -0.535 | 2.032                |
|          | 4                             | 30        | 0.370        | 0.667                  | 0.364           | 0.431  | 2.713                |
|          | 5                             | 27        | 0.333        | 1.000                  | 0.000           |        | 3.852                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 4        | 1                             | 5         | 0.062        | 0.062                  | 0.122           | -1.540 | 1.000                |
|          | 2                             | 9         | 0.111        | 0.173                  | 0.256           | -0.943 | 1.768                |
|          | 3                             | 23        | 0.284        | 0.457                  | 0.397           | -0.109 | 2.477                |
|          | 4                             | 19        | 0.235        | 0.691                  | 0.352           | 0.500  | 3.163                |
|          | 5                             | 25        | 0.309        | 1.000                  | 0.000           |        | 4.114                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 5        | 1                             | 6         | 0.074        | 0.074                  | 0.140           | -1.446 | 1.000                |
|          | 2                             | 8         | 0.099        | 0.173                  | 0.256           | -0.943 | 1.723                |
|          | 3                             | 20        | 0.247        | 0.420                  | 0.391           | -0.203 | 2.346                |
|          | 4                             | 17        | 0.210        | 0.630                  | 0.378           | 0.331  | 2.956                |
|          | 5                             | 30        | 0.370        | 1.000                  | 0.000           | 8.210  | 3.913                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 6        | 1                             | 9         | 0.111        | 0.111                  | 0.189           | -1.221 | 1.000                |
|          | 2                             | 12        | 0.148        | 0.259                  | 0.324           | -0.646 | 1.797                |
|          | 3                             | 15        | 0.185        | 0.444                  | 0.395           | -0.140 | 2.320                |
|          | 4                             | 28        | 0.346        | 0.790                  | 0.288           | 0.807  | 3.014                |
|          | 5                             | 17        | 0.210        | 1.000                  | 0.000           |        | 4.077                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 7        | 1                             | 8         | 0.099        | 0.099                  | 0.174           | -1.289 | 1.000                |
|          | 2                             | 6         | 0.074        | 0.173                  | 0.256           | -0.943 | 1.656                |
|          | 3                             | 17        | 0.210        | 0.383                  | 0.382           | -0.298 | 2.161                |
|          | 4                             | 19        | 0.235        | 0.617                  | 0.382           | 0.298  | 2.761                |
|          | 5                             | 31        | 0.383        | 1.000                  | 0.000           |        | 3.758                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 8        | 1                             | 10        | 0.123        | 0.123                  | 0.204           | -1.158 | 1.000                |
|          | 2                             | 5         | 0.062        | 0.185                  | 0.267           | -0.896 | 1.632                |
|          | 3                             | 22        | 0.272        | 0.457                  | 0.397           | -0.109 | 2.176                |
|          | 4                             | 19        | 0.235        | 0.691                  | 0.352           | 0.500  | 2.843                |
|          | 5                             | 25        | 0.309        | 1.000                  | 0.000           |        | 3.794                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 9        | 1                             | 10        | 0.123        | 0.123                  | 0.204           | -1.158 | 1.000                |
|          | 2                             | 8         | 0.099        | 0.222                  | 0.298           | -0.765 | 1.704                |
|          | 3                             | 9         | 0.111        | 0.333                  | 0.364           | -0.431 | 2.061                |
|          | 4                             | 22        | 0.272        | 0.605                  | 0.385           | 0.266  | 2.574                |
|          | 5                             | 32        | 0.395        | 1.000                  | 0.000           |        | 3.628                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 10       | 1                             | 10        | 0.123        | 0.123                  | 0.204           | -1.158 | 1.000                |
|          | 2                             | 9         | 0.111        | 0.235                  | 0.307           | -0.724 | 1.727                |
|          | 3                             | 17        | 0.210        | 0.444                  | 0.395           | -0.140 | 2.233                |
|          | 4                             | 21        | 0.259        | 0.704                  | 0.346           | 0.535  | 2.843                |
|          | 5                             | 24        | 0.296        | 1.000                  | 0.000           |        | 3.820                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 11       | 1                             | 5         | 0.062        | 0.062                  | 0.122           | -1.540 | 1.000                |
|          | 2                             | 5         | 0.062        | 0.123                  | 0.204           | -1.158 | 1.640                |
|          | 3                             | 29        | 0.358        | 0.481                  | 0.399           | -0.046 | 2.430                |
|          | 4                             | 27        | 0.333        | 0.815                  | 0.267           | 0.896  | 3.367                |
|          | 5                             | 15        | 0.185        | 1.000                  | 0.000           |        | 4.415                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 12       | 1                             | 8         | 0.099        | 0.099                  | 0.174           | -1.289 | 1.000                |
|          | 2                             | 9         | 0.111        | 0.210                  | 0.288           | -0.807 | 1.733                |
|          | 3                             | 9         | 0.111        | 0.321                  | 0.358           | -0.465 | 2.131                |
|          | 4                             | 32        | 0.395        | 0.716                  | 0.339           | 0.571  | 2.809                |
|          | 5                             | 23        | 0.284        | 1.000                  | 0.000           |        | 3.954                |

| No.<br>Item | Kategori<br>Skor<br>Jawaban<br>Ordinal | Frekuensi | Proporsional | Proporsional<br>Kumulatif | Densitas<br>(f(z)) | Z      | Nilai<br>Hasil<br>Interval |
|-------------|--|-----------|--------------|---------------------------|--------------------|--------|----------------------------|
| 13          | 1                                      | 5         | 0.062        | 0.062                     | 0.122              | -1.540 | 1.000                      |
|             | 2                                      | 7         | 0.086        | 0.148                     | 0.231              | -1.044 | 1.707                      |
|             | 3                                      | 22        | 0.272        | 0.420                     | 0.391              | -0.203 | 2.385                      |
|             | 4                                      | 19        | 0.235        | 0.654                     | 0.369              | 0.397  | 3.067                      |
|             | 5                                      | 28        | 0.346        | 1.000                     | 0.000              |        | 4.040                      |

| No.<br>Item | Kategori<br>Skor<br>Jawaban<br>Ordinal | Frekuensi | Proporsional | Proporsional<br>Kumulatif | Densitas<br>(f(z)) | Z      | Nilai<br>Hasil<br>Interval |
|-------------|--|-----------|--------------|---------------------------|--------------------|--------|----------------------------|
| 14          | 1                                      | 9         | 0.111        | 0.111                     | 0.189              | -1.221 | 1.000                      |
|             | 2                                      | 9         | 0.111        | 0.222                     | 0.298              | -0.765 | 1.729                      |
|             | 3                                      | 19        | 0.235        | 0.457                     | 0.397              | -0.109 | 2.283                      |
|             | 4                                      | 18        | 0.222        | 0.679                     | 0.358              | 0.465  | 2.878                      |
|             | 5                                      | 26        | 0.321        | 1.000                     | 0.000              | 8.210  | 3.820                      |

| No.<br>Item | Kategori<br>Skor<br>Jawaban<br>Ordinal | Frekuensi | Proporsional | Proporsional<br>Kumulatif | Densitas<br>(f(z)) | Z      | Nilai<br>Hasil<br>Interval |
|-------------|--|-----------|--------------|---------------------------|--------------------|--------|----------------------------|
| 15          | 1                                      | 9         | 0.111        | 0.111                     | 0.189              | -1.221 | 1.000                      |
|             | 2                                      | 13        | 0.160        | 0.272                     | 0.332              | -0.608 | 1.818                      |
|             | 3                                      | 12        | 0.148        | 0.420                     | 0.391              | -0.203 | 2.305                      |
|             | 4                                      | 25        | 0.309        | 0.728                     | 0.332              | 0.608  | 2.896                      |
|             | 5                                      | 22        | 0.272        | 1.000                     | 0.000              | 8.210  | 3.926                      |

| No.<br>Item | Kategori<br>Skor<br>Jawaban<br>Ordinal | Frekuensi | Proporsional | Proporsional<br>Kumulatif | Densitas<br>(f(z)) | Z      | Nilai<br>Hasil<br>Interval |
|-------------|--|-----------|--------------|---------------------------|--------------------|--------|----------------------------|
| 16          | 1                                      | 9         | 0.111        | 0.111                     | 0.189              | -1.221 | 1.000                      |
|             | 2                                      | 7         | 0.086        | 0.198                     | 0.278              | -0.850 | 1.681                      |
|             | 3                                      | 18        | 0.222        | 0.420                     | 0.391              | -0.203 | 2.196                      |
|             | 4                                      | 21        | 0.259        | 0.679                     | 0.358              | 0.465  | 2.831                      |
|             | 5                                      | 26        | 0.321        | 1.000                     | 0.000              | 8.210  | 3.820                      |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 17       | 1                             | 8         | 0.099        | 0.099                  | 0.174           | -1.289 | 1.000                |
|          | 2                             | 3         | 0.037        | 0.136                  | 0.218           | -1.099 | 1.570                |
|          | 3                             | 25        | 0.309        | 0.444                  | 0.395           | -0.140 | 2.187                |
|          | 4                             | 20        | 0.247        | 0.691                  | 0.352           | 0.500  | 2.935                |
|          | 5                             | 25        | 0.309        | 1.000                  | 0.000           |        | 3.902                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 18       | 1                             | 11        | 0.136        | 0.136                  | 0.218           | -1.099 | 1.000                |
|          | 2                             | 10        | 0.123        | 0.259                  | 0.324           | -0.646 | 1.748                |
|          | 3                             | 15        | 0.185        | 0.444                  | 0.395           | -0.140 | 2.221                |
|          | 4                             | 23        | 0.284        | 0.728                  | 0.332           | 0.608  | 2.829                |
|          | 5                             | 22        | 0.272        | 1.000                  | 0.000           | 8.210  | 3.826                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 19       | 1                             | 12        | 0.148        | 0.148                  | 0.231           | -1.044 | 1.000                |
|          | 2                             | 2         | 0.025        | 0.173                  | 0.256           | -0.943 | 1.568                |
|          | 3                             | 21        | 0.259        | 0.432                  | 0.393           | -0.171 | 2.031                |
|          | 4                             | 27        | 0.333        | 0.765                  | 0.307           | 0.724  | 2.819                |
|          | 5                             | 19        | 0.235        | 1.000                  | 0.000           |        | 3.870                |

| No. Item | Kategori Skor Jawaban Ordinal | Frekuensi | Proporsional | Proporsional Kumulatif | Densitas (f(z)) | Z      | Nilai Hasil Interval |
|----------|-------------------------------|-----------|--------------|------------------------|-----------------|--------|----------------------|
| 20       | 1                             | 9         | 0.111        | 0.111                  | 0.189           | -1.221 | 1.000                |
|          | 2                             | 7         | 0.086        | 0.198                  | 0.278           | -0.850 | 1.681                |
|          | 3                             | 18        | 0.222        | 0.420                  | 0.391           | -0.203 | 2.196                |
|          | 4                             | 28        | 0.346        | 0.765                  | 0.307           | 0.724  | 2.947                |
|          | 5                             | 19        | 0.235        | 1.000                  | 0.000           |        | 4.013                |