

## **BAB V**

### **KESIMPULAN DAN SARAN**

#### **5.1 Kesimpulan**

Berdasarkan hasil penelitian yang telah dilakukan oleh peneliti di Smartphone Samsung, maka yang didapatkan adalah:

1. Brand image berpengaruh positif dan signifikan terhadap keputusan pembelian di Smartphone Samsung, artinya jika brand image meningkat maka keputusan pembelian juga akan meningkat
2. Kualitas produk berpengaruh positif dan signifikan terhadap keputusan pembelian di Smartphone Samsung, artinya jika kualitas produk meningkat maka keputusan pembelian juga akan meningkat
3. Brand image dan kualitas produk secara bersama-sama berpengaruh signifikan terhadap keputusan pembelian di Smartphone Samsung, artinya jika brand image dan kualitas produk meningkat maka keputusan pembelian juga akan meningkat

#### **5.2 Saran**

1. Bagi pihak Produsen Smartphone Samsung agar produk Smartphone Samsung memiliki kualitas dan mutu yang baik dengan harga terjangkau dan Smartphone Samsung dibuat lebih menarik dibandingkan dengan produk lainnya, memiliki fitur tertentu yang menjadi keunggulan yang tidak dimiliki merk lain seperti perekam video yang jernih dan berkapasitas besar serta memiliki sensor yang lengkap

2. Bagi konsumen agar melakukan pembelian Smartphone Samsung dengan melihat fitur maksimal agar konsumen merasa adanya kesesuaian harapan pada produk. Kesesuaian harapan konsumen dikarenakan konsumen merasa apa yang dibeli sesuai dengan harapannya maka harapan konsumen Smartphone Samsung diharapkan tidak mudah panas, memiliki desain yang lebih menarik serta bahan frame back cover lebih tangguh.
3. Bagi peneliti selanjutnya agar melakukan penelitian dengan responden yang lebih banyak lagi dari penelitian ini dikarenakan responden yang lebih banyak akan membuat data hasil penelitian yang lebih akurat lagi

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# L A M P I R A N

1. Pada lembaran ini terdapat beberapa pernyataan yang harus Bapak/Ibu tanggap. Kepada Bapak/Ibu kami mohon utnuk berkenan menjawab seluruh pertanyaan yang ada dengan jujur dan sebenarnya.

2. Dalam menjawab pernyataan-pernyataan ini, tidak ada jawaban yang salah. Oleh karena itu, usahakanlah agar tidak ada jawaban yang dikosongkan.
3. Berilah tanda *checklist* (✓) pada kolom yang tersedia dan pilih sesuai dengan keadaan yang sebenarnya
4. Ada lima alternatif jawaban, yaitu:
  - SS = Sangat Setuju
  - S = Setuju
  - KS = Kurang Setuju
  - TS = Tidak Setuju
  - STS = Sangat Tidak Setuju

(Sugiyono, 2013)

#### I. Brand Image (X<sub>1</sub>)

| No. | Pertanyaan                                                        | Jawaban |   |    |    |     |
|-----|-------------------------------------------------------------------|---------|---|----|----|-----|
|     |                                                                   | SS      | S | KS | TS | STS |
| 1.  | Smartphone Samsung memiliki kualitas atau mutu yang baik          |         |   |    |    |     |
| 2.  | Smartphone Samsung dapat dipercaya kualitasnya sesuai dengan merk |         |   |    |    |     |
| 3.  | Smartphone Samsung sangat bermanfaat                              |         |   |    |    |     |
| 4.  | Smartphone Samsung memberikan pelayanan yang baik pada konsumen   |         |   |    |    |     |
| 5.  | Tidak ada resiko ketika membeli produk Smartphone Samsung         |         |   |    |    |     |
| 6.  | Smartphone Samsung dengan harga terjangkau dan kualitas yang baik |         |   |    |    |     |
| 7.  | Smartphone Samsung adalah produk yang bagus dimata konsumen       |         |   |    |    |     |

**II. Kualitas Produk (X<sub>2</sub>)**

| No | Pernyataan                                                                       | SS | S | KS | TS | STS |
|----|----------------------------------------------------------------------------------|----|---|----|----|-----|
| 1. | Smartphone Samsung memiliki kemampuan produk untuk melaksanakan fungsi-fungsinya |    |   |    |    |     |
| 2. | Smartphone Samsung dapat diandalkan dan memuaskan dalam periode waktu tertentu   |    |   |    |    |     |
| 3. | Smartphone Samsung memiliki bentuk fisik, model atau desain, warna yang menarik  |    |   |    |    |     |

**III. Keputusan pembelian (Y)**

| No | Pernyataan                                                                        | SS | S | KS | TS | STS |
|----|-----------------------------------------------------------------------------------|----|---|----|----|-----|
| 1. | Konsumen merasa adanya kesesuaian harapan pada produk Smartphone Samsung          |    |   |    |    |     |
| 2. | Konsumen yang sudah membeli tertarik untuk datang kembali membeli produk          |    |   |    |    |     |
| 3. | Konsumen memberikan rekomendasi kepada orang lain agar membeli Smartphone Samsung |    |   |    |    |     |

| No.<br>Responden | Pernyataan |   |   |   |   |   |   | Jumlah |
|------------------|------------|---|---|---|---|---|---|--------|
|                  | 1          | 2 | 3 | 4 | 5 | 6 | 7 |        |
| 1                | 5          | 5 | 4 | 4 | 5 | 5 | 5 | 33     |
| 2                | 2          | 4 | 3 | 3 | 4 | 2 | 4 | 22     |
| 3                | 5          | 4 | 3 | 4 | 5 | 5 | 4 | 30     |
| 4                | 3          | 3 | 5 | 4 | 4 | 3 | 3 | 25     |
| 5                | 4          | 3 | 2 | 5 | 3 | 4 | 3 | 24     |
| 6                | 5          | 4 | 5 | 5 | 5 | 5 | 4 | 33     |
| 7                | 4          | 4 | 3 | 3 | 4 | 4 | 4 | 26     |
| 8                | 3          | 4 | 3 | 3 | 5 | 3 | 4 | 25     |
| 9                | 4          | 3 | 3 | 5 | 4 | 4 | 3 | 26     |
| 10               | 3          | 3 | 3 | 3 | 3 | 3 | 3 | 21     |
| 11               | 2          | 3 | 3 | 3 | 3 | 2 | 3 | 19     |
| 12               | 4          | 3 | 3 | 4 | 5 | 4 | 3 | 26     |
| 13               | 3          | 3 | 3 | 4 | 3 | 3 | 3 | 22     |
| 14               | 3          | 4 | 3 | 4 | 4 | 3 | 4 | 25     |
| 15               | 4          | 4 | 4 | 3 | 3 | 4 | 4 | 26     |
| 16               | 4          | 5 | 5 | 4 | 4 | 4 | 5 | 31     |
| 17               | 4          | 4 | 4 | 4 | 4 | 4 | 4 | 28     |
| 18               | 3          | 4 | 4 | 4 | 4 | 3 | 4 | 26     |
| 19               | 4          | 4 | 4 | 4 | 4 | 4 | 4 | 28     |
| 20               | 4          | 4 | 4 | 4 | 4 | 4 | 4 | 28     |
| 21               | 3          | 4 | 4 | 4 | 4 | 3 | 4 | 26     |
| 22               | 2          | 2 | 2 | 2 | 4 | 2 | 2 | 16     |
| 23               | 4          | 4 | 5 | 5 | 5 | 4 | 4 | 31     |
| 24               | 4          | 3 | 4 | 4 | 4 | 4 | 3 | 26     |
| 25               | 4          | 5 | 5 | 4 | 4 | 4 | 5 | 31     |
| 26               | 3          | 3 | 3 | 3 | 4 | 3 | 3 | 22     |
| 27               | 5          | 5 | 4 | 5 | 3 | 5 | 5 | 32     |
| 28               | 4          | 3 | 3 | 3 | 4 | 4 | 3 | 24     |
| 29               | 5          | 5 | 4 | 4 | 5 | 5 | 5 | 33     |
| 30               | 4          | 5 | 5 | 4 | 4 | 4 | 5 | 31     |
| 31               | 3          | 4 | 4 | 4 | 4 | 3 | 4 | 26     |
| 32               | 4          | 4 | 5 | 5 | 5 | 4 | 4 | 31     |
| 33               | 5          | 5 | 4 | 4 | 5 | 5 | 5 | 33     |
| 34               | 2          | 4 | 3 | 3 | 4 | 2 | 4 | 22     |
| 35               | 5          | 4 | 3 | 4 | 5 | 5 | 4 | 30     |
| 36               | 3          | 3 | 5 | 4 | 4 | 3 | 3 | 25     |
| 37               | 4          | 3 | 2 | 5 | 3 | 4 | 3 | 24     |
| 38               | 5          | 4 | 5 | 5 | 5 | 5 | 4 | 33     |
| 39               | 4          | 4 | 3 | 3 | 4 | 4 | 4 | 26     |
| 40               | 3          | 4 | 3 | 3 | 5 | 3 | 4 | 25     |
| 41               | 4          | 3 | 3 | 5 | 4 | 4 | 3 | 26     |
| 42               | 3          | 3 | 3 | 3 | 3 | 3 | 3 | 21     |
| 43               | 2          | 3 | 3 | 3 | 3 | 2 | 3 | 19     |
| 44               | 4          | 3 | 3 | 4 | 5 | 4 | 3 | 26     |
| 45               | 3          | 3 | 3 | 4 | 3 | 3 | 3 | 22     |
| 46               | 3          | 4 | 3 | 4 | 4 | 3 | 4 | 25     |
| 47               | 4          | 4 | 4 | 3 | 3 | 4 | 4 | 26     |
| 48               | 4          | 5 | 5 | 4 | 4 | 4 | 5 | 31     |
| 49               | 4          | 4 | 4 | 4 | 4 | 4 | 4 | 28     |

|           |      |      |      |      |      |      |      |      |
|-----------|------|------|------|------|------|------|------|------|
| 50        | 3    | 4    | 4    | 4    | 4    | 3    | 4    | 26   |
| 51        | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 28   |
| 52        | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 28   |
| 53        | 3    | 4    | 4    | 4    | 4    | 3    | 4    | 26   |
| 54        | 2    | 2    | 2    | 2    | 4    | 2    | 2    | 16   |
| 55        | 4    | 4    | 5    | 5    | 5    | 4    | 4    | 31   |
| 56        | 4    | 3    | 4    | 4    | 4    | 4    | 3    | 26   |
| 57        | 4    | 5    | 5    | 4    | 4    | 4    | 5    | 31   |
| 58        | 3    | 3    | 3    | 3    | 4    | 3    | 3    | 22   |
| 59        | 5    | 5    | 4    | 5    | 3    | 5    | 5    | 32   |
| 60        | 4    | 3    | 3    | 3    | 4    | 4    | 3    | 24   |
| 61        | 5    | 5    | 4    | 4    | 5    | 5    | 5    | 33   |
| 62        | 4    | 5    | 5    | 4    | 4    | 4    | 5    | 31   |
| 63        | 3    | 4    | 4    | 4    | 4    | 3    | 4    | 26   |
| 64        | 4    | 4    | 5    | 5    | 5    | 4    | 4    | 31   |
| 65        | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 28   |
| Rata-rata | 3.69 | 3.81 | 3.72 | 3.87 | 4.06 | 3.69 | 3.81 | 3,81 |
| Jumlah    | 240  | 248  | 242  | 252  | 264  | 240  | 248  |      |

Lampiran Tabulasi Data (X<sub>2</sub>)

| No.<br>Responden | Pernyataan |   |   | Jumlah |
|------------------|------------|---|---|--------|
|                  | 1          | 2 | 3 |        |
| 1                | 5          | 3 | 5 | 13     |
| 2                | 3          | 3 | 3 | 9      |
| 3                | 3          | 5 | 3 | 11     |
| 4                | 3          | 4 | 3 | 10     |
| 5                | 4          | 2 | 4 | 10     |
| 6                | 3          | 2 | 5 | 10     |
| 7                | 3          | 5 | 4 | 12     |
| 8                | 3          | 3 | 4 | 10     |
| 9                | 3          | 4 | 2 | 9      |
| 10               | 3          | 3 | 3 | 9      |
| 11               | 4          | 3 | 3 | 10     |
| 12               | 4          | 5 | 3 | 12     |
| 13               | 3          | 3 | 3 | 9      |
| 14               | 4          | 3 | 3 | 10     |
| 15               | 5          | 4 | 4 | 13     |
| 16               | 4          | 3 | 4 | 11     |
| 17               | 4          | 4 | 4 | 12     |
| 18               | 4          | 5 | 3 | 12     |
| 19               | 4          | 4 | 3 | 11     |
| 20               | 4          | 4 | 3 | 11     |
| 21               | 2          | 4 | 2 | 8      |
| 22               | 3          | 4 | 5 | 12     |
| 23               | 2          | 5 | 4 | 11     |
| 24               | 3          | 3 | 3 | 9      |
| 25               | 2          | 4 | 2 | 8      |
| 26               | 3          | 3 | 4 | 10     |
| 27               | 2          | 4 | 5 | 11     |
| 28               | 3          | 3 | 3 | 9      |
| 29               | 2          | 4 | 2 | 8      |
| 30               | 3          | 3 | 3 | 9      |
| 31               | 4          | 5 | 2 | 11     |
| 32               | 5          | 4 | 3 | 12     |
| 33               | 5          | 3 | 5 | 13     |
| 34               | 3          | 3 | 3 | 9      |
| 35               | 3          | 5 | 3 | 11     |
| 36               | 3          | 4 | 3 | 10     |
| 37               | 4          | 2 | 4 | 10     |
| 38               | 3          | 2 | 5 | 10     |
| 39               | 3          | 5 | 4 | 12     |
| 40               | 3          | 3 | 4 | 10     |
| 41               | 3          | 4 | 2 | 9      |
| 42               | 3          | 3 | 3 | 9      |

|           |      |      |      |      |
|-----------|------|------|------|------|
| 43        | 4    | 3    | 3    | 10   |
| 44        | 4    | 5    | 3    | 12   |
| 45        | 3    | 3    | 3    | 9    |
| 46        | 4    | 3    | 3    | 10   |
| 47        | 5    | 4    | 4    | 13   |
| 48        | 4    | 3    | 4    | 11   |
| 49        | 4    | 4    | 4    | 12   |
| 50        | 4    | 5    | 3    | 12   |
| 51        | 4    | 4    | 3    | 11   |
| 52        | 4    | 4    | 3    | 11   |
| 53        | 2    | 4    | 2    | 8    |
| 54        | 3    | 4    | 5    | 12   |
| 55        | 2    | 5    | 4    | 11   |
| 56        | 3    | 3    | 3    | 9    |
| 57        | 2    | 4    | 2    | 8    |
| 58        | 3    | 3    | 4    | 10   |
| 59        | 2    | 4    | 5    | 11   |
| 60        | 3    | 3    | 3    | 9    |
| 61        | 2    | 4    | 2    | 8    |
| 62        | 3    | 3    | 3    | 9    |
| 63        | 4    | 5    | 2    | 11   |
| 64        | 5    | 4    | 3    | 12   |
| 65        | 4    | 4    | 3    | 11   |
| Rata-rata | 3.35 | 3.69 | 3.33 | 3.46 |
| Jumlah    | 218  | 240  | 217  |      |

## Lampiran Tabulasi Data (Y)

| No.<br>Responden | Pernyataan |   |   | Jumlah |
|------------------|------------|---|---|--------|
|                  | 1          | 2 | 3 |        |
| 1                | 3          | 4 | 3 | 10     |
| 2                | 5          | 5 | 4 | 14     |
| 3                | 3          | 2 | 4 | 9      |
| 4                | 4          | 3 | 4 | 11     |
| 5                | 4          | 4 | 3 | 11     |
| 6                | 3          | 3 | 3 | 9      |
| 7                | 3          | 2 | 3 | 8      |
| 8                | 3          | 4 | 3 | 10     |
| 9                | 3          | 3 | 3 | 9      |
| 10               | 4          | 3 | 4 | 11     |
| 11               | 2          | 4 | 4 | 10     |
| 12               | 3          | 4 | 5 | 12     |
| 13               | 4          | 4 | 4 | 12     |
| 14               | 4          | 3 | 4 | 11     |
| 15               | 3          | 4 | 4 | 11     |
| 16               | 3          | 4 | 4 | 11     |
| 17               | 3          | 3 | 4 | 10     |
| 18               | 4          | 2 | 2 | 8      |
| 19               | 4          | 4 | 4 | 12     |
| 20               | 4          | 4 | 3 | 11     |
| 21               | 3          | 4 | 5 | 12     |
| 22               | 4          | 3 | 3 | 10     |
| 23               | 3          | 5 | 5 | 13     |
| 24               | 3          | 4 | 3 | 10     |
| 25               | 5          | 5 | 5 | 15     |
| 26               | 3          | 4 | 5 | 12     |
| 27               | 4          | 3 | 4 | 11     |
| 28               | 4          | 4 | 4 | 12     |
| 29               | 3          | 3 | 4 | 10     |
| 30               | 4          | 3 | 4 | 11     |
| 31               | 3          | 4 | 5 | 12     |
| 32               | 3          | 3 | 3 | 9      |
| 33               | 3          | 4 | 3 | 10     |
| 34               | 5          | 5 | 4 | 14     |
| 35               | 3          | 2 | 4 | 9      |
| 36               | 4          | 3 | 4 | 11     |
| 37               | 4          | 4 | 3 | 11     |
| 38               | 3          | 3 | 3 | 9      |
| 39               | 3          | 2 | 3 | 8      |
| 40               | 3          | 4 | 3 | 10     |
| 41               | 3          | 3 | 3 | 9      |
| 42               | 4          | 3 | 4 | 11     |
| 43               | 2          | 4 | 4 | 10     |
| 44               | 3          | 4 | 5 | 12     |
| 45               | 4          | 4 | 4 | 12     |
| 46               | 4          | 3 | 4 | 11     |
| 47               | 3          | 4 | 4 | 11     |
| 48               | 3          | 4 | 4 | 11     |

|           |      |      |     |      |
|-----------|------|------|-----|------|
| 49        | 3    | 3    | 4   | 10   |
| 50        | 4    | 2    | 2   | 8    |
| 51        | 4    | 4    | 4   | 12   |
| 52        | 4    | 4    | 3   | 11   |
| 53        | 3    | 4    | 5   | 12   |
| 54        | 4    | 3    | 3   | 10   |
| 55        | 3    | 5    | 5   | 13   |
| 56        | 3    | 4    | 3   | 10   |
| 57        | 5    | 5    | 5   | 15   |
| 58        | 3    | 4    | 5   | 12   |
| 59        | 4    | 3    | 4   | 11   |
| 60        | 4    | 4    | 4   | 12   |
| 61        | 3    | 3    | 4   | 10   |
| 62        | 4    | 3    | 4   | 11   |
| 63        | 3    | 4    | 5   | 12   |
| 64        | 3    | 3    | 3   | 9    |
| 65        | 4    | 4    | 3   | 11   |
| Jumlah    | 3.47 | 3.56 | 3.8 | 3.61 |
| Rata-rata | 226  | 232  | 247 |      |



b. Predictors: (Constant), X2, X1

| Coefficients <sup>a</sup> |            |                             |            |                           |       |      |                         |       |
|---------------------------|------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| Model                     |            | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. | Collinearity Statistics |       |
|                           |            | B                           | Std. Error | Beta                      |       |      | Tolerance               | VIF   |
| 1                         | (Constant) | 15.657                      | 1.693      |                           | 9.247 | .000 |                         |       |
|                           | X1         | .517                        | .143       | .445                      | 5.382 | .000 | .991                    | 1.009 |
|                           | X2         | .421                        | .128       | .384                      | 4.275 | .002 | .991                    | 1.009 |

a. Dependent Variable: Y

| Coefficient Correlations <sup>a</sup> |              |    |       |       |
|---------------------------------------|--------------|----|-------|-------|
| Model                                 |              |    | X2    | X1    |
| 1                                     | Correlations | X2 | 1.000 | -.093 |
|                                       |              | X1 | -.093 | 1.000 |
|                                       | Covariances  | X2 | .016  | -.001 |
|                                       |              | X1 | -.001 | .002  |

a. Dependent Variable: Y

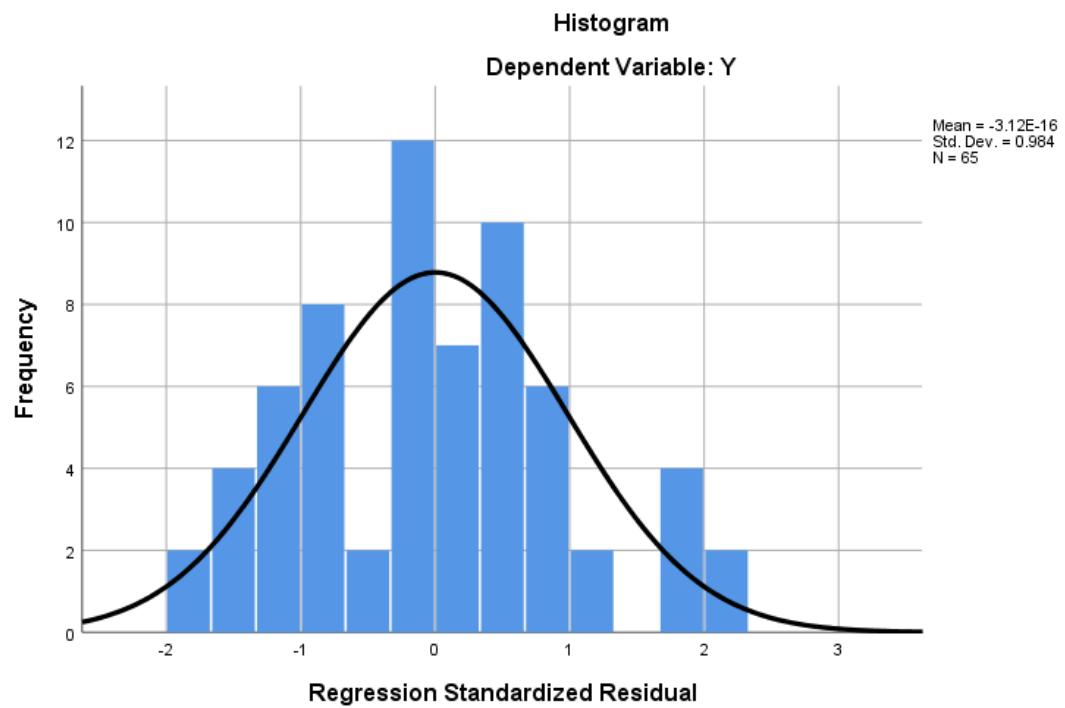
| Collinearity Diagnostics <sup>a</sup> |           |            |                 |                      |     |     |
|---------------------------------------|-----------|------------|-----------------|----------------------|-----|-----|
| Model                                 | Dimension | Eigenvalue | Condition Index | Variance Proportions |     |     |
|                                       |           |            |                 | (Constant)           | X1  | X2  |
| 1                                     | 1         | 2.974      | 1.000           | .00                  | .00 | .00 |
|                                       | 2         | .019       | 12.512          | .01                  | .70 | .38 |
|                                       | 3         | .007       | 20.108          | .99                  | .29 | .61 |

a. Dependent Variable: Y

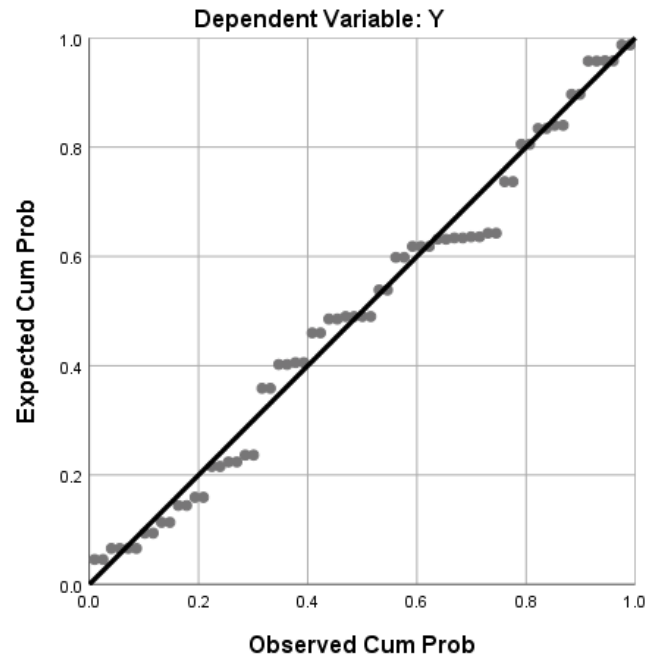
| Residuals Statistics <sup>a</sup> |         |         |       |                |    |
|-----------------------------------|---------|---------|-------|----------------|----|
|                                   | Minimum | Maximum | Mean  | Std. Deviation | N  |
| Predicted Value                   | 9.64    | 11.86   | 10.85 | .604           | 65 |
| Std. Predicted Value              | -1.996  | 1.680   | .000  | 1.000          | 65 |
| Standard Error of Predicted Value | .198    | .555    | .298  | .086           | 65 |

|                          |        |       |       |       |    |
|--------------------------|--------|-------|-------|-------|----|
| Adjusted Predicted Value | 9.60   | 11.95 | 10.85 | .608  | 65 |
| Residual                 | -2.440 | 3.223 | .000  | 1.420 | 65 |
| Std. Residual            | -1.690 | 2.233 | .000  | .984  | 65 |
| Stud. Residual           | -1.717 | 2.331 | .000  | 1.009 | 65 |
| Deleted Residual         | -2.516 | 3.513 | -.001 | 1.495 | 65 |
| Stud. Deleted Residual   | -1.745 | 2.421 | .002  | 1.023 | 65 |
| Mahal. Distance          | .218   | 8.491 | 1.969 | 1.833 | 65 |
| Cook's Distance          | .000   | .163  | .018  | .031  | 65 |
| Centered Leverage Value  | .003   | .133  | .031  | .029  | 65 |
| a. Dependent Variable: Y |        |       |       |       |    |

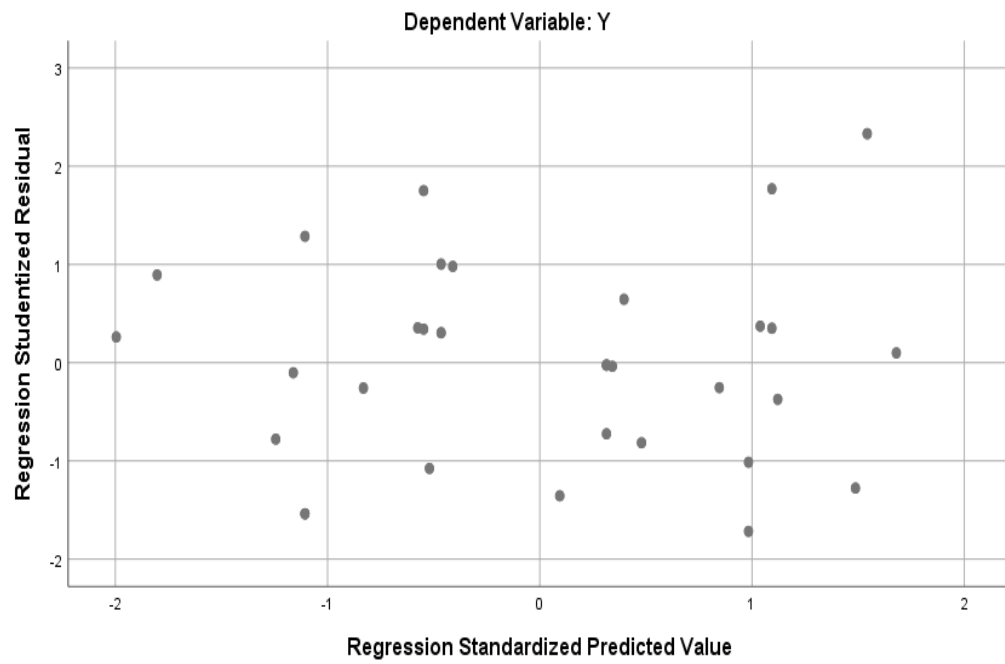
## Charts



Normal P-P Plot of Regression Standardized Residual



Scatterplot



| df | 0,05  | 0,025  |
|----|-------|--------|
| 1  | 6.314 | 12.706 |
| 2  | 2.920 | 4.303  |
| 3  | 2.353 | 3.182  |
| 4  | 2.132 | 2.776  |
| 5  | 2.015 | 2.571  |
| 6  | 1.943 | 2.447  |
| 7  | 1.895 | 2.365  |
| 8  | 1.860 | 2.306  |
| 9  | 1.833 | 2.262  |
| 10 | 1.812 | 2.228  |
| 11 | 1.796 | 2.201  |
| 12 | 1.782 | 2.179  |
| 13 | 1.771 | 2.160  |
| 14 | 1.761 | 2.145  |
| 15 | 1.753 | 2.131  |
| 16 | 1.746 | 2.120  |
| 17 | 1.740 | 2.110  |
| 18 | 1.734 | 2.101  |
| 19 | 1.729 | 2.093  |
| 20 | 1.725 | 2.086  |
| 21 | 1.721 | 2.080  |
| 22 | 1.717 | 2.074  |
| 23 | 1.714 | 2.069  |
| 24 | 1.711 | 2.064  |
| 25 | 1.708 | 2.060  |
| 26 | 1.706 | 2.056  |
| 27 | 1.703 | 2.052  |
| 28 | 1.701 | 2.048  |
| 29 | 1.699 | 2.045  |
| 30 | 1.697 | 2.042  |
| 31 | 1.696 | 2.040  |
| 32 | 1.694 | 2.037  |
| 33 | 1.692 | 2.035  |
| 34 | 1.691 | 2.032  |
| 35 | 1.690 | 2.030  |
| 36 | 1.688 | 2.028  |
| 37 | 1.687 | 2.026  |
| 38 | 1.686 | 2.024  |
| 39 | 1.685 | 2.023  |
| 40 | 1.684 | 2.021  |
| 41 | 1.683 | 2.020  |
| 42 | 1.682 | 2.018  |
| 43 | 1.681 | 2.017  |
| 44 | 1.680 | 2.015  |
| 45 | 1.679 | 2.014  |
| 46 | 1.679 | 2.014  |
| 47 | 1.678 | 2.013  |
| 48 | 1.677 | 2.012  |
| 49 | 1.677 | 2.011  |
| 50 | 1.676 | 2.010  |
| 51 | 1.675 | 2.008  |
| 52 | 1.675 | 2.007  |

| df  | 0,05  | 0,025 |
|-----|-------|-------|
| 53  | 1.674 | 2.006 |
| 54  | 1.674 | 2.005 |
| 55  | 1.673 | 2.004 |
| 56  | 1.673 | 2.003 |
| 57  | 1.672 | 2.002 |
| 58  | 1.672 | 2.002 |
| 59  | 1.671 | 2.001 |
| 60  | 1.671 | 2.000 |
| 61  | 1.670 | 2.000 |
| 62  | 1.670 | 1.999 |
| 63  | 1.669 | 1.998 |
| 64  | 1.669 | 1.998 |
| 65  | 1.669 | 1.997 |
| 66  | 1.668 | 1.997 |
| 67  | 1.668 | 1.996 |
| 68  | 1.668 | 1.995 |
| 69  | 1.667 | 1.995 |
| 70  | 1.667 | 1.994 |
| 71  | 1.667 | 1.995 |
| 72  | 1.666 | 1.993 |
| 73  | 1.666 | 1.993 |
| 74  | 1.666 | 1.993 |
| 75  | 1.665 | 1.992 |
| 76  | 1.665 | 1.992 |
| 77  | 1.665 | 1.991 |
| 78  | 1.665 | 1.991 |
| 79  | 1.664 | 1.990 |
| 80  | 1.664 | 1.990 |
| 81  | 1.664 | 1.990 |
| 82  | 1.664 | 1.989 |
| 83  | 1.663 | 1.989 |
| 84  | 1.663 | 1.989 |
| 85  | 1.663 | 1.988 |
| 86  | 1.663 | 1.988 |
| 87  | 1.663 | 1.988 |
| 88  | 1.662 | 1.987 |
| 89  | 1.662 | 1.987 |
| 90  | 1.662 | 1.987 |
| 91  | 1.662 | 1.986 |
| 92  | 1.662 | 1.986 |
| 93  | 1.661 | 1.986 |
| 94  | 1.661 | 1.986 |
| 95  | 1.661 | 1.985 |
| 96  | 1.661 | 1.985 |
| 97  | 1.661 | 1.985 |
| 98  | 1.661 | 1.984 |
| 99  | 1.660 | 1.984 |
| 100 | 1.660 | 1.984 |
| 101 | 1.660 | 1.984 |
| 102 | 1.660 | 1.983 |
| 103 | 1.660 | 1.983 |
| 104 | 1.660 | 1.983 |

| df  | 0,05  | 0,025 |
|-----|-------|-------|
| 105 | 1.659 | 1.983 |
| 106 | 1.659 | 1.983 |
| 107 | 1.659 | 1.982 |
| 108 | 1.659 | 1.982 |
| 109 | 1.659 | 1.982 |
| 110 | 1.659 | 1.982 |
| 111 | 1.659 | 1.982 |
| 112 | 1.659 | 1.981 |
| 113 | 1.658 | 1.981 |
| 114 | 1.658 | 1.981 |
| 115 | 1.658 | 1.981 |
| 116 | 1.658 | 1.981 |
| 117 | 1.658 | 1.980 |
| 118 | 1.658 | 1.980 |
| 119 | 1.658 | 1.980 |
| 120 | 1.658 | 1.980 |
| 121 | 1.658 | 1.980 |
| 122 | 1.657 | 1.980 |
| 123 | 1.657 | 1.979 |
| 124 | 1.657 | 1.979 |
| 125 | 1.657 | 1.979 |
| 126 | 1.657 | 1.979 |
| 127 | 1.657 | 1.979 |
| 128 | 1.657 | 1.979 |
| 129 | 1.657 | 1.979 |
| 130 | 1.657 | 1.978 |
| 131 | 1.657 | 1.978 |
| 132 | 1.656 | 1.978 |
| 133 | 1.656 | 1.978 |
| 134 | 1.656 | 1.978 |
| 135 | 1.656 | 1.978 |
| 136 | 1.656 | 1.978 |
| 137 | 1.656 | 1.977 |
| 138 | 1.656 | 1.977 |
| 139 | 1.656 | 1.977 |
| 140 | 1.656 | 1.977 |
| 141 | 1.656 | 1.977 |
| 142 | 1.656 | 1.977 |
| 143 | 1.656 | 1.977 |
| 144 | 1.656 | 1.977 |
| 145 | 1.655 | 1.976 |
| 146 | 1.655 | 1.976 |
| 147 | 1.655 | 1.976 |
| 148 | 1.655 | 1.976 |
| 149 | 1.655 | 1.976 |
| 150 | 1.655 | 1.976 |
| 151 | 1.655 | 1.976 |
| 152 | 1.655 | 1.976 |
| 153 | 1.655 | 1.976 |
| 154 | 1.655 | 1.975 |
| 155 | 1.655 | 1.975 |
| 156 | 1.655 | 1.975 |

| df  | 0,05  | 0,025 |
|-----|-------|-------|
| 157 | 1.655 | 1.975 |
| 158 | 1.655 | 1.975 |
| 159 | 1.654 | 1.975 |
| 160 | 1.654 | 1.975 |
| 161 | 1.654 | 1.975 |
| 162 | 1.654 | 1.975 |
| 163 | 1.654 | 1.975 |
| 164 | 1.654 | 1.975 |
| 165 | 1.654 | 1.974 |
| 166 | 1.654 | 1.974 |
| 167 | 1.654 | 1.974 |
| 168 | 1.654 | 1.974 |
| 169 | 1.654 | 1.974 |
| 170 | 1.654 | 1.974 |
| 171 | 1.654 | 1.974 |
| 172 | 1.654 | 1.974 |
| 173 | 1.654 | 1.974 |
| 174 | 1.654 | 1.974 |
| 175 | 1.654 | 1.974 |
| 176 | 1.654 | 1.974 |
| 177 | 1.654 | 1.973 |
| 178 | 1.653 | 1.973 |
| 179 | 1.653 | 1.973 |
| 180 | 1.653 | 1.973 |
| 181 | 1.653 | 1.973 |
| 182 | 1.653 | 1.973 |
| 183 | 1.654 | 1.973 |
| 184 | 1.653 | 1.973 |
| 185 | 1.653 | 1.973 |
| 186 | 1.653 | 1.973 |
| 187 | 1.653 | 1.973 |
| 188 | 1.653 | 1.973 |
| 189 | 1.654 | 1.973 |
| 190 | 1.653 | 1.973 |
| 191 | 1.653 | 1.972 |
| 192 | 1.653 | 1.972 |
| 193 | 1.653 | 1.972 |
| 194 | 1.653 | 1.972 |
| 195 | 1.654 | 1.972 |
| 196 | 1.653 | 1.972 |
| 197 | 1.653 | 1.972 |
| 198 | 1.653 | 1.972 |
| 199 | 1.653 | 1.972 |
| 200 | 1.653 | 1.972 |

Lampiran R tabel

| DF = n-2 | 0,1     | 0,05   | 0,02    | 0,01   | 0,001   |
|----------|---------|--------|---------|--------|---------|
|          | r 0,005 | r 0,05 | r 0,025 | r 0,01 | r 0,001 |
| 1        | 0,9877  | 0,9969 | 0,9995  | 0,9999 | 1,0000  |
| 2        | 0,9000  | 0,9500 | 0,9800  | 0,9900 | 0,9990  |
| 3        | 0,8054  | 0,8783 | 0,9343  | 0,9587 | 0,9911  |
| 4        | 0,7293  | 0,8114 | 0,8822  | 0,9172 | 0,9741  |
| 5        | 0,6694  | 0,7545 | 0,8329  | 0,8745 | 0,9509  |
| 6        | 0,6215  | 0,7067 | 0,7887  | 0,8343 | 0,9249  |
| 7        | 0,5822  | 0,6664 | 0,7498  | 0,7977 | 0,8983  |
| 8        | 0,5494  | 0,6319 | 0,7155  | 0,7646 | 0,8721  |
| 9        | 0,5214  | 0,6021 | 0,6851  | 0,7348 | 0,8470  |
| 10       | 0,4973  | 0,5760 | 0,6581  | 0,7079 | 0,8233  |
| 11       | 0,4762  | 0,5529 | 0,6339  | 0,6835 | 0,8010  |
| 12       | 0,4575  | 0,5324 | 0,6120  | 0,6614 | 0,7800  |
| 13       | 0,4409  | 0,5140 | 0,5923  | 0,6411 | 0,7604  |
| 14       | 0,4259  | 0,4973 | 0,5742  | 0,6226 | 0,7419  |
| 15       | 0,4124  | 0,4821 | 0,5577  | 0,6055 | 0,7247  |
| 16       | 0,4000  | 0,4683 | 0,5425  | 0,5897 | 0,7084  |
| 17       | 0,3887  | 0,4555 | 0,5285  | 0,5751 | 0,6932  |
| 18       | 0,3783  | 0,4444 | 0,5155  | 0,5614 | 0,6788  |
| 19       | 0,3687  | 0,4329 | 0,5034  | 0,5487 | 0,6652  |
| 20       | 0,3598  | 0,4227 | 0,4921  | 0,5368 | 0,6524  |
| 21       | 0,3515  | 0,4132 | 0,4815  | 0,5256 | 0,6402  |
| 22       | 0,3438  | 0,4044 | 0,4716  | 0,5151 | 0,6287  |
| 23       | 0,3365  | 0,3961 | 0,4622  | 0,5052 | 0,6178  |
| 24       | 0,3297  | 0,3882 | 0,4534  | 0,4958 | 0,6074  |
| 25       | 0,3233  | 0,3809 | 0,4451  | 0,4869 | 0,5974  |
| 26       | 0,3172  | 0,3739 | 0,4372  | 0,4785 | 0,5880  |
| 27       | 0,3115  | 0,3673 | 0,4297  | 0,4705 | 0,5790  |
| 28       | 0,3061  | 0,3610 | 0,4226  | 0,4629 | 0,5703  |
| 29       | 0,3009  | 0,3550 | 0,4158  | 0,4556 | 0,5620  |
| 30       | 0,2960  | 0,3494 | 0,4093  | 0,4487 | 0,5541  |
| 31       | 0,2913  | 0,3440 | 0,4032  | 0,4421 | 0,5465  |
| 32       | 0,2869  | 0,3388 | 0,3972  | 0,4357 | 0,5392  |
| 33       | 0,2826  | 0,3338 | 0,3916  | 0,4296 | 0,5322  |
| 34       | 0,2785  | 0,3291 | 0,3862  | 0,4238 | 0,5254  |
| 35       | 0,2746  | 0,3246 | 0,3810  | 0,4182 | 0,5189  |
| 36       | 0,2709  | 0,3202 | 0,3760  | 0,4128 | 0,5126  |
| 37       | 0,2673  | 0,3160 | 0,3712  | 0,4076 | 0,5066  |
| 38       | 0,2638  | 0,3120 | 0,3665  | 0,4026 | 0,5007  |