

# LAMPIRAN-LAMPIRAN



**Lampiran 1 : Blanko Pengisian Kuesioner****KUESIONER PENELITIAN****PENGARUH KOMPETENSI MANAJERIAL DAN LOKASI USAHA  
TERHADAP KESUKSESAN BISNIS PADA USAHA KECIL DAN  
MENENGAH DI KECAMATAN GUBUG KABUPATEN GROBOGAN**

Responden yang terhormat,

Dalam rangka pemenuhan persyaratan skripsi ini, saya akan mengadakan penelitian mengenai “Pengaruh Kompetensi Manajerial dan Lokasi Usaha Terhadap Kesuksesan Bisnis Pada Usaha Kecil dan Menengah Di Kecamatan Gubug”.

Saya ucapkan banyak terima kasih atas kesediaannya untuk mengisi kuesioner ini sesuai dengan keadaan yang anda rasakan, dimana data yang telah terkumpul ini dapat membantu dalam menyelesaikan skripsi saya sebagai mahasiswa di Universitas Wahid Hasyim Semarang.

Peneliti

Siti Muzayanah

### Identitas Responden

Berilah tanda check list ( ) untuk setiap jawaban yang menurut anda sesuai dengan diri anda

1. Nama :
2. Jenis Kelamin : a. Laki-laki                      b. wanita
3. Usia saat ini : a. <25 tahun                      b. 25-30 tahun                      c. >30 tahun
4. Pendidikan : a. SMP                      b. SMA                      c. Diploma/SI/S2/S3
5. Nama perusahaan :
6. Pendapatan perbulan :  
 a. <Rp 5.000.000;                      b. Rp 5.000.000; – Rp 10.000.000;  
 c. Rp 10.000.000; – Rp 20.000.000;                      d. > Rp 20.000.000;
7. Lamanya menekuni usaha yang dijalankan : a. <5 tahun                      b. 5-10 tahun  
 c. >10 tahun

### Petunjuk :

Berilah tanda ( ) pada jawaban yang anda anggap paling mewakili diri anda di kolom yang telah disediakan.

### Keterangan :

| Keterangan | Arti                | Angka |
|------------|---------------------|-------|
| STS        | Sangat Tidak Setuju | 1     |
| TS         | Tidak Setuju        | 2     |
| N          | Netral              | 3     |
| S          | Setuju              | 4     |
| SS         | Sangat Setuju       | 5     |

## 1. Kompetensi Manajerial

| Pernyataan   | Jawaban |    |   |   |    |
|--|---------|----|---|---|----|
|  | STS     | TS | N | S | SS |
| 1. Merencanakan  |         |    |   |   |    |
| a) Saya menentukan tujuan perusahaan dan menyusun rencana anggaran kegiatan  |         |    |   |   |    |
| b) Saya membuat rencana kegiatan kerja dan prosedur-prosedur dalam bekerja   |         |    |   |   |    |
| c) Saya membuat alternatif-alternatif yang terbaik untuk perusahaan saat mengalami hal-hal yang tidak direncanakan |         |    |   |   |    |
| 2. Mengorganisasikan   |         |    |   |   |    |
| a) Saya membuat deskripsi pekerjaan dalam melakukan suatu pekerjaan  |         |    |   |   |    |
| b) Saya menempatkan karyawan sesuai dengan kemampuan dan keahlian masing-masing                                    |         |    |   |   |    |
| c) Saya menentukan spesifikasi pekerjaan suatu jabatan tertentu  |         |    |   |   |    |
| 3. Mengarahkan   |         |    |   |   |    |
| a) Saya memberikan motivasi setiap memulai pekerjaan untuk mencapai tujuan yang telah ditentukan                   |         |    |   |   |    |
| b) Saya membimbing karyawan yang sedang mengalami kesulitan dalam menyelesaikan pekerjaan                          |         |    |   |   |    |
| c) Saya menjaga kegiatan agar suasana kerja kondusif   |         |    |   |   |    |
| 4. Mengevaluasi dan mengawasi  |         |    |   |   |    |
| a) Saya memberikan petunjuk pada karyawan agar tidak mengulangi kesalahan yang sama                                |         |    |   |   |    |
| b) Saya memastikan pekerjaan sesuai dengan   |         |    |   |   |    |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| rencana  |  |  |  |  |  |
| c) Saya melakukan evaluasi dan memberikan jalan keluar atas suatu kesalahan yang terjadi |  |  |  |  |  |

## 2. Lokasi Usaha

| Keterangan  | Jawaban |    |   |   |    |
|---|---------|----|---|---|----|
|   | STS     | TS | N | S | SS |
| 1. Keterjangkauan lokasi  |         |    |   |   |    |
| a) Perusahaan saya dekat dan terlihat dari jalan raya                                     |         |    |   |   |    |
| b) Lokasi perusahaan saya dekat dengan pusat keramaian (perkantoran/ sekolah)             |         |    |   |   |    |
| c) Perusahaan saya dekat dengan halte atau terminal                                       |         |    |   |   |    |
| 2. Kelancaran akses   |         |    |   |   |    |
| a) Akses menuju lokasi perusahaan saya mudah dan tidak macet                              |         |    |   |   |    |
| b) Adanya lahan parkir yang memudahkan pemilik kendaraan pribadi menuju lokasi perusahaan |         |    |   |   |    |
| c) Letak perusahaan saya dapat diakses dengan kendaraan umum                              |         |    |   |   |    |
| 3. Kedekatan lokasi dengan sumber daya  |         |    |   |   |    |
| a) Perusahaan yang saya jalankan dekat dengan pasar                                       |         |    |   |   |    |
| b) Tersedianya banyak tenaga kerja disekitar lokasi perusahaan saya                       |         |    |   |   |    |
| c) Perusahaan saya dekat dengan bahan baku dan pemasok                                    |         |    |   |   |    |

## 3. Kesuksesan Bisnis

| Pernyataan   | Jawaban |    |   |   |    |
|--|---------|----|---|---|----|
|  | STS     | TS | N | S | SS |
| 1. Meningkatnya omzet  |         |    |   |   |    |
| a) Saya meningkatkan omzet dengan memperbaiki kualitas produk                              |         |    |   |   |    |
| b) Saya meningkatkan omzet melalui promosi dan mencantumkan merk                           |         |    |   |   |    |
| c) Saya meningkatkan omzet dengan memberikan pelayanan terbaik dengan konsumen             |         |    |   |   |    |
| 2. Bertambahnya jumlah karyawan  |         |    |   |   |    |
| a) Pada saat bisnis semakin berkembang saya menambah pekerja untuk menyelesaikan pekerjaan |         |    |   |   |    |
| b) Saya selalu merencanakan penambahan karyawan untuk mengantisipasi meningkatnya produksi |         |    |   |   |    |
| c) Saya menambah jumlah karyawan untuk mencari SDM dengan skill yang baru                  |         |    |   |   |    |
| 3. Meningkatnya volume penjualan   |         |    |   |   |    |
| a) Saya selalu mengadakan pameran saat perusahaan membuat produk baru                      |         |    |   |   |    |
| b) Saya memberikan potongan harga pada saat tertentu atau pada hari-hari khusus            |         |    |   |   |    |
| c) Saya selalu menganalisis pasar dalam meningkatkan volume penjualan                      |         |    |   |   |    |
| 4. Meningkatnya jumlah pelanggan dan transaksi   |         |    |   |   |    |
| a) Saya selalu menyesuaikan produk dengan keinginan pasar agar pelanggan tidak             |         |    |   |   |    |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| bosan  |  |  |  |  |  |
| b) Saya membuat strategi pemasaran dengan pengiklanan untuk mendekatkan produk dengan konsumen |  |  |  |  |  |
| c) Saya selalu membuat produk yang kreatif untuk menarik pelanggan                             |  |  |  |  |  |







**Lampiran 3 : Hasil Uji Deskripsi Responden Dan Variabel**

**RESPONDEN**

**jenis kelamin**

|       |           | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-----------|-----------|---------|---------------|--------------------|
| Valid | laki laki | 34        | 55,7    | 55,7          | 55,7               |
|       | wanita    | 27        | 44,3    | 44,3          | 100,0              |
|       | Total     | 61        | 100,0   | 100,0         |                    |

**usia**

|       |             | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------------|-----------|---------|---------------|--------------------|
| Valid | <25 tahun   | 6         | 9,8     | 9,8           | 9,8                |
|       | 25-30 tahun | 24        | 39,3    | 39,3          | 49,2               |
|       | >30 tahun   | 31        | 50,8    | 50,8          | 100,0              |
|       | Total       | 61        | 100,0   | 100,0         |                    |

**pendapatan**

|       |            | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------|-----------|---------|---------------|--------------------|
| Valid | <5 juta    | 8         | 13,1    | 13,1          | 13,1               |
|       | 5-10 juta  | 13        | 21,3    | 21,3          | 34,4               |
|       | 10-20 juta | 6         | 9,8     | 9,8           | 44,3               |
|       | >20 juta   | 34        | 55,7    | 55,7          | 100,0              |
|       | Total      | 61        | 100,0   | 100,0         |                    |

**lama usaha**

|       |            | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------|-----------|---------|---------------|--------------------|
| Valid | < 5 tahun  | 4         | 6,6     | 6,6           | 6,6                |
|       | 5-10 tahun | 17        | 27,9    | 27,9          | 34,4               |
|       | > 10 tahun | 40        | 65,6    | 65,6          | 100,0              |
|       | Total      | 61        | 100,0   | 100,0         |                    |

## pendidikan

|                  | Frequency | Percent | Valid Percent | Cumulative Percent |
|------------------|-----------|---------|---------------|--------------------|
| Valid SMP        | 7         | 11,5    | 11,5          | 11,5               |
| SMA              | 33        | 54,1    | 54,1          | 65,6               |
| Diploma/S1/S2/S3 | 21        | 34,4    | 34,4          | 100,0              |
| Total            | 61        | 100,0   | 100,0         |                    |





## Lampiran 4 : Hasil Validitas dan Reliabilitas

**Uji Validitas**  
**Kompetensi Manajerial (X1)**  
**Correlations**

|                              | X1.1  | X1.2    | X1.3    | X1.4    | X1.5    | X1.6   | X1.7    | X1.8    | X1.9    | X1.10  | X1.11  | X1.12   | total_X1 |
|------------------------------|-------|---------|---------|---------|---------|--------|---------|---------|---------|--------|--------|---------|----------|
| X1.1 Pearson Correlation     | 1     | .154    | .296*   | .018    | .296*   | -.176  | .154    | .296*   | .018    | -.170  | .144   | .296*   | .311     |
| Sig. (2-tailed)              |       | .235    | .021    | .890    | .021    | .176   | .235    | .021    | .890    | .189   | .267   | .021    | .015     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.2 Pearson Correlation     | .154  | 1       | .157    | .190    | .157    | .160   | 1,000** | .157    | .190    | .143   | .346** | .157    | .546**   |
| Sig. (2-tailed)              | .235  |         | .227    | .143    | .227    | .217   | 0,000   | .227    | .143    | .272   | .006   | .227    | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.3 Pearson Correlation     | .296* | .157    | 1       | .205    | 1,000** | .168   | .157    | 1,000** | .205    | .147   | .212   | 1,000** | .773**   |
| Sig. (2-tailed)              | .021  | .227    |         | .112    | 0,000   | .196   | .227    | 0,000   | .112    | .258   | .101   | 0,000   | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.4 Pearson Correlation     | .018  | .190    | .205    | 1       | .205    | .200   | .190    | .205    | 1,000** | .182   | .342** | .205    | .580**   |
| Sig. (2-tailed)              | .890  | .143    | .112    |         | .112    | .123   | .143    | .112    | 0,000   | .161   | .007   | .112    | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.5 Pearson Correlation     | .296* | .157    | 1,000** | .205    | 1       | .168   | .157    | 1,000** | .205    | .147   | .212   | 1,000** | .773**   |
| Sig. (2-tailed)              | .021  | .227    | 0,000   | .112    |         | .196   | .227    | 0,000   | .112    | .258   | .101   | 0,000   | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.6 Pearson Correlation     | -.176 | .160    | .168    | .200    | .168    | 1      | .160    | .168    | .200    | .987** | -.080  | .168    | .462**   |
| Sig. (2-tailed)              | .176  | .217    | .196    | .123    | .196    |        | .217    | .196    | .123    | .000   | .541   | .196    | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.7 Pearson Correlation     | .154  | 1,000** | .157    | .190    | .157    | .160   | 1       | .157    | .190    | .143   | .346** | .157    | .546**   |
| Sig. (2-tailed)              | .235  | 0,000   | .227    | .143    | .227    | .217   |         | .227    | .143    | .272   | .006   | .227    | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.8 Pearson Correlation     | .296* | .157    | 1,000** | .205    | 1,000** | .168   | .157    | 1       | .205    | .147   | .212   | 1,000** | .773**   |
| Sig. (2-tailed)              | .021  | .227    | 0,000   | .112    | 0,000   | .196   | .227    |         | .112    | .258   | .101   | 0,000   | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.9 Pearson Correlation     | .018  | .190    | .205    | 1,000** | .205    | .200   | .190    | .205    | 1       | .182   | .342** | .205    | .580**   |
| Sig. (2-tailed)              | .890  | .143    | .112    | 0,000   | .112    | .123   | .143    | .112    |         | .161   | .007   | .112    | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.10 Pearson Correlation    | -.170 | .143    | .147    | .182    | .147    | .987** | .143    | .147    | .182    | 1      | -.102  | .147    | .437**   |
| Sig. (2-tailed)              | .189  | .272    | .258    | .161    | .258    | .000   | .272    | .258    | .161    |        | .435   | .258    | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.11 Pearson Correlation    | .144  | .346**  | .212    | .342**  | .212    | -.080  | .346**  | .212    | .342**  | -.102  | 1      | .212    | .464**   |
| Sig. (2-tailed)              | .267  | .006    | .101    | .007    | .101    | .541   | .006    | .101    | .007    | .435   |        | .101    | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| X1.12 Pearson Correlation    | .296* | .157    | 1,000** | .205    | 1,000** | .168   | .157    | 1,000** | .205    | .147   | .212   | 1       | .773**   |
| Sig. (2-tailed)              | .021  | .227    | 0,000   | .112    | 0,000   | .196   | .227    | 0,000   | .112    | .258   | .101   |         | .000     |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |
| total_X1 Pearson Correlation | .311  | .546**  | .773**  | .580**  | .773**  | .462** | .546**  | .773**  | .580**  | .437** | .464** | .773**  | 1        |
| Sig. (2-tailed)              | .015  | .000    | .000    | .000    | .000    | .000   | .000    | .000    | .000    | .000   | .000   | .000    |          |
| N                            | 61    | 61      | 61      | 61      | 61      | 61     | 61      | 61      | 61      | 61     | 61     | 61      | 61       |

\*. Correlation is significant at the 0.05 level (2-tailed).

\*\*. Correlation is significant at the 0.01 level (2-tailed).

## Lokasi Usaha (X2)

## Correlations

|                              | X2.1   | X2.2   | X2.3   | X2.4   | X2.5   | X2.6   | X2.7   | X2.8   | X2.9   | total_X2 |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| X2.1 Pearson Correlation     | 1      | .166   | .965** | .962** | -.123  | .011   | .164   | -.005  | .038   | .591**   |
| X2.1 Sig. (2-tailed)         |        | .202   | .000   | .000   | .344   | .931   | .207   | .972   | .773   | .000     |
| X2.1 N                       | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61       |
| X2.2 Pearson Correlation     | .166   | 1      | .183   | .166   | -.020  | -.005  | .391** | .006   | -.012  | .382**   |
| X2.2 Sig. (2-tailed)         | .202   |        | .158   | .202   | .878   | .972   | .002   | .965   | .929   | .002     |
| X2.2 N                       | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61       |
| X2.3 Pearson Correlation     | .965** | .183   | 1      | .965** | -.081  | -.005  | .114   | .067   | .106   | .623**   |
| X2.3 Sig. (2-tailed)         | .000   | .158   |        | .000   | .537   | .968   | .381   | .607   | .415   | .000     |
| X2.3 N                       | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61       |
| X2.4 Pearson Correlation     | .962** | .166   | .965** | 1      | -.094  | .011   | .164   | .027   | .068   | .612**   |
| X2.4 Sig. (2-tailed)         | .000   | .202   | .000   |        | .473   | .931   | .207   | .839   | .600   | .000     |
| X2.4 N                       | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61       |
| X2.5 Pearson Correlation     | -.123  | -.020  | -.081  | -.094  | 1      | .726** | .068   | .220   | .221   | .442**   |
| X2.5 Sig. (2-tailed)         | .344   | .878   | .537   | .473   |        | .000   | .601   | .088   | .087   | .000     |
| X2.5 N                       | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61       |
| X2.6 Pearson Correlation     | .011   | -.005  | -.005  | .011   | .726** | 1      | .185   | .277*  | .279*  | .547**   |
| X2.6 Sig. (2-tailed)         | .931   | .972   | .968   | .931   | .000   |        | .153   | .030   | .029   | .000     |
| X2.6 N                       | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61       |
| X2.7 Pearson Correlation     | .164   | .391** | .114   | .164   | .068   | .185   | 1      | .072   | .052   | .453**   |
| X2.7 Sig. (2-tailed)         | .207   | .002   | .381   | .207   | .601   | .153   |        | .583   | .693   | .000     |
| X2.7 N                       | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61       |
| X2.8 Pearson Correlation     | -.005  | .006   | .067   | .027   | .220   | .277*  | .072   | 1      | .988** | .590**   |
| X2.8 Sig. (2-tailed)         | .972   | .965   | .607   | .839   | .088   | .030   | .583   |        | .000   | .000     |
| X2.8 N                       | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61       |
| X2.9 Pearson Correlation     | .038   | -.012  | .106   | .068   | .221   | .279*  | .052   | .988** | 1      | .605**   |
| X2.9 Sig. (2-tailed)         | .773   | .929   | .415   | .600   | .087   | .029   | .693   | .000   |        | .000     |
| X2.9 N                       | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61       |
| total_X2 Pearson Correlation | .591** | .382** | .623** | .612** | .442** | .547** | .453** | .590** | .605** | 1        |
| total_X2 Sig. (2-tailed)     | .000   | .002   | .000   | .000   | .000   | .000   | .000   | .000   | .000   |          |
| total_X2 N                   | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61       |

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).

## Kesuksesan Bisnis (Y)

## Correlations

|                              | Y1.1   | Y1.2   | Y1.3   | Y1.4   | Y1.5   | Y1.6   | Y1.7   | Y1.8   | Y1.9   | Y1.10  | Y1.11   | Y1.12   | total_Y1 |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|----------|
| Y1.1 Pearson Correlation     | 1      | .137   | -.165  | .123   | -.118  | -.025  | -.049  | .032   | .074   | .982** | .073    | .073    | .316*    |
| Sig. (2-tailed)              |        | .294   | .204   | .344   | .363   | .851   | .706   | .804   | .572   | .000   | .575    | .575    | .013     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.2 Pearson Correlation     | .137   | 1      | .129   | .875** | -.082  | .016   | .023   | .069   | .098   | .139   | .163    | .163    | .473**   |
| Sig. (2-tailed)              | .294   |        | .322   | .000   | .527   | .905   | .859   | .598   | .450   | .286   | .210    | .210    | .000     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.3 Pearson Correlation     | -.165  | .129   | 1      | .248   | .195   | .200   | .720** | .255*  | .252   | -.129  | .079    | .079    | .508**   |
| Sig. (2-tailed)              | .204   | .322   |        | .054   | .131   | .122   | .000   | .048   | .050   | .323   | .546    | .546    | .000     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.4 Pearson Correlation     | .123   | .875** | .248   | 1      | -.047  | .054   | .092   | .050   | .079   | .125   | .092    | .092    | .484**   |
| Sig. (2-tailed)              | .344   | .000   | .054   |        | .718   | .681   | .481   | .700   | .547   | .338   | .479    | .479    | .000     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.5 Pearson Correlation     | -.118  | -.082  | .195   | -.047  | 1      | .846** | .226   | .220   | .221   | -.081  | .164    | .164    | .486**   |
| Sig. (2-tailed)              | .363   | .527   | .131   | .718   |        | .000   | .080   | .088   | .087   | .537   | .206    | .206    | .000     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.6 Pearson Correlation     | -.025  | .016   | .200   | .054   | .846** | 1      | .205   | .341** | .342** | .015   | .200    | .200    | .600**   |
| Sig. (2-tailed)              | .851   | .905   | .122   | .681   | .000   |        | .112   | .007   | .007   | .908   | .123    | .123    | .000     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.7 Pearson Correlation     | -.049  | .023   | .720** | .092   | .226   | .205   | 1      | .209   | .212   | -.006  | .168    | .168    | .511**   |
| Sig. (2-tailed)              | .706   | .859   | .000   | .481   | .080   | .112   |        | .106   | .101   | .966   | .196    | .196    | .000     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.8 Pearson Correlation     | .032   | .069   | .255*  | .050   | .220   | .341** | .209   | 1      | .988** | .067   | -.087   | -.087   | .537**   |
| Sig. (2-tailed)              | .804   | .598   | .048   | .700   | .088   | .007   | .106   |        | .000   | .607   | .507    | .507    | .000     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.9 Pearson Correlation     | .074   | .098   | .252   | .079   | .221   | .342** | .212   | .988** | 1      | .106   | -.080   | -.080   | .562**   |
| Sig. (2-tailed)              | .572   | .450   | .050   | .547   | .087   | .007   | .101   | .000   |        | .415   | .541    | .541    | .000     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.10 Pearson Correlation    | .982** | .139   | -.129  | .125   | -.081  | .015   | -.006  | .067   | .106   | 1      | .077    | .077    | .357**   |
| Sig. (2-tailed)              | .000   | .286   | .323   | .338   | .537   | .908   | .966   | .607   | .415   |        | .553    | .553    | .005     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.11 Pearson Correlation    | .073   | .163   | .079   | .092   | .164   | .200   | .168   | -.087  | -.080  | .077   | 1       | 1,000** | .491**   |
| Sig. (2-tailed)              | .575   | .210   | .546   | .479   | .206   | .123   | .196   | .507   | .541   | .553   | 0,000   |         | .000     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| Y1.12 Pearson Correlation    | .073   | .163   | .079   | .092   | .164   | .200   | .168   | -.087  | -.080  | .077   | 1,000** | 1       | .491**   |
| Sig. (2-tailed)              | .575   | .210   | .546   | .479   | .206   | .123   | .196   | .507   | .541   | .553   | 0,000   |         | .000     |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |
| total_Y1 Pearson Correlation | .316*  | .473** | .508** | .484** | .486** | .600** | .511** | .537** | .562** | .357** | .491**  | .491**  | 1        |
| Sig. (2-tailed)              | .013   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .005   | .000    | .000    |          |
| N                            | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61     | 61      | 61      | 61       |

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).

## UJI RELIBILITAS

### Uji Reliability Kompetensi Manajerial (X1)

**Scale: ALL VARIABLES**

#### Case Processing Summary

|       |                       | N  | %     |
|-------|-----------------------|----|-------|
| Cases | Valid                 | 61 | 100,0 |
|       | Excluded <sup>a</sup> | 0  | ,0    |
|       | Total                 | 61 | 100,0 |

a. Listwise deletion based on all variables in the procedure.

#### Reliability Statistics

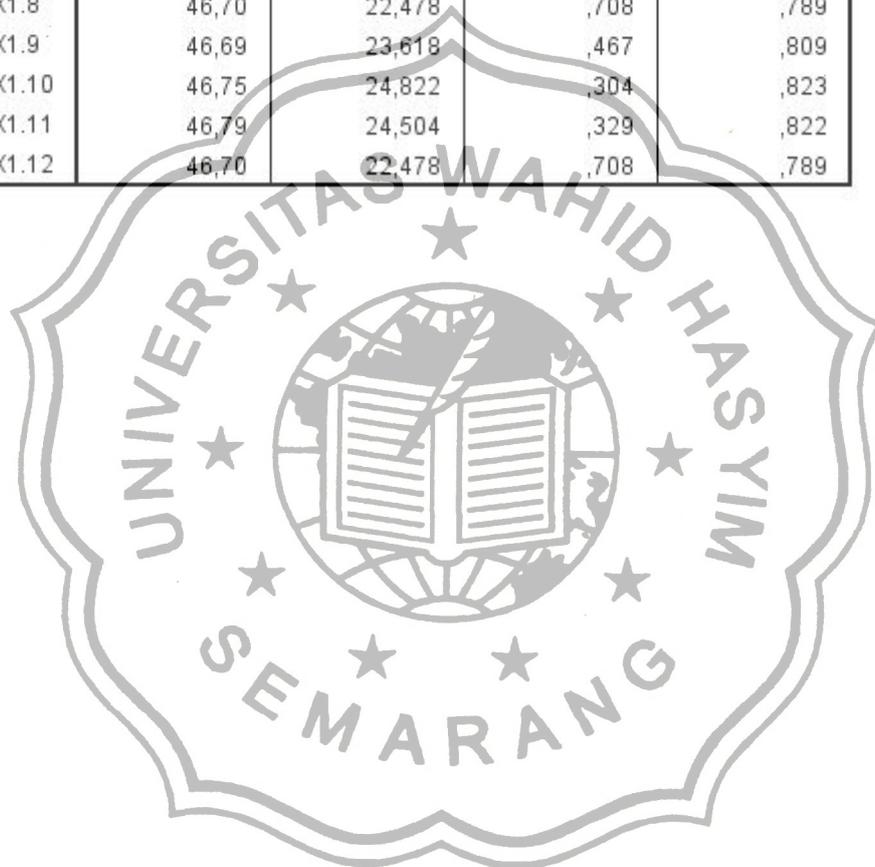
| Cronbach's Alpha | N of Items |
|------------------|------------|
| ,822             | 12         |

#### Item Statistics

|       | Mean | Std. Deviation | N  |
|-------|------|----------------|----|
| X1.1  | 4,21 | ,686           | 61 |
| X1.2  | 4,33 | ,747           | 61 |
| X1.3  | 4,25 | ,722           | 61 |
| X1.4  | 4,26 | ,794           | 61 |
| X1.5  | 4,25 | ,722           | 61 |
| X1.6  | 4,21 | ,798           | 61 |
| X1.7  | 4,33 | ,747           | 61 |
| X1.8  | 4,25 | ,722           | 61 |
| X1.9  | 4,26 | ,794           | 61 |
| X1.10 | 4,20 | ,792           | 61 |
| X1.11 | 4,16 | ,820           | 61 |
| X1.12 | 4,25 | ,722           | 61 |

## Item-Total Statistics

|       | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|-------|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| X1.1  | 46,74                      | 26,063                         | ,188                             | ,830                             |
| X1.2  | 46,62                      | 24,105                         | ,434                             | ,812                             |
| X1.3  | 46,70                      | 22,478                         | ,708                             | ,789                             |
| X1.4  | 46,69                      | 23,618                         | ,467                             | ,809                             |
| X1.5  | 46,70                      | 22,478                         | ,708                             | ,789                             |
| X1.6  | 46,74                      | 24,597                         | ,330                             | ,821                             |
| X1.7  | 46,62                      | 24,105                         | ,434                             | ,812                             |
| X1.8  | 46,70                      | 22,478                         | ,708                             | ,789                             |
| X1.9  | 46,69                      | 23,618                         | ,467                             | ,809                             |
| X1.10 | 46,75                      | 24,822                         | ,304                             | ,823                             |
| X1.11 | 46,79                      | 24,504                         | ,329                             | ,822                             |
| X1.12 | 46,70                      | 22,478                         | ,708                             | ,789                             |



## Uji Reliability Lokasi Usaha (X2)

### Scale: ALL VARIABLES

#### Case Processing Summary

|       |                       | N  | %     |
|-------|-----------------------|----|-------|
| Cases | Valid                 | 61 | 100,0 |
|       | Excluded <sup>a</sup> | 0  | ,0    |
|       | Total                 | 61 | 100,0 |

a. Listwise deletion based on all variables in the procedure.

#### Reliability Statistics

| Cronbach's Alpha | N of Items |
|------------------|------------|
| ,685             | 9          |

#### Item Statistics

|      | Mean | Std. Deviation | N  |
|------|------|----------------|----|
| X2.1 | 4,38 | ,662           | 61 |
| X2.2 | 4,34 | ,772           | 61 |
| X2.3 | 4,34 | ,680           | 61 |
| X2.4 | 4,38 | ,662           | 61 |
| X2.5 | 4,18 | ,847           | 61 |
| X2.6 | 4,25 | ,767           | 61 |
| X2.7 | 4,31 | ,743           | 61 |
| X2.8 | 4,18 | ,806           | 61 |
| X2.9 | 4,16 | ,820           | 61 |

#### Item-Total Statistics

|      | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|------|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| X2.1 | 34,15                      | 10,695                         | ,451                             | ,643                             |
| X2.2 | 34,18                      | 11,550                         | ,179                             | ,696                             |
| X2.3 | 34,18                      | 10,484                         | ,486                             | ,636                             |
| X2.4 | 34,15                      | 10,595                         | ,476                             | ,638                             |
| X2.5 | 34,34                      | 11,096                         | ,226                             | ,690                             |
| X2.6 | 34,28                      | 10,638                         | ,372                             | ,656                             |
| X2.7 | 34,21                      | 11,204                         | ,268                             | ,677                             |
| X2.8 | 34,34                      | 10,296                         | ,414                             | ,647                             |
| X2.9 | 34,36                      | 10,168                         | ,429                             | ,643                             |

## Uji Reliability Kesuksesan Bisnis (Y)

### Scale: ALL VARIABLES

#### Case Processing Summary

|       |                       | N  | %     |
|-------|-----------------------|----|-------|
| Cases | Valid                 | 61 | 100,0 |
|       | Excluded <sup>a</sup> | 0  | ,0    |
|       | Total                 | 61 | 100,0 |

a. Listwise deletion based on all variables in the procedure.

#### Reliability Statistics

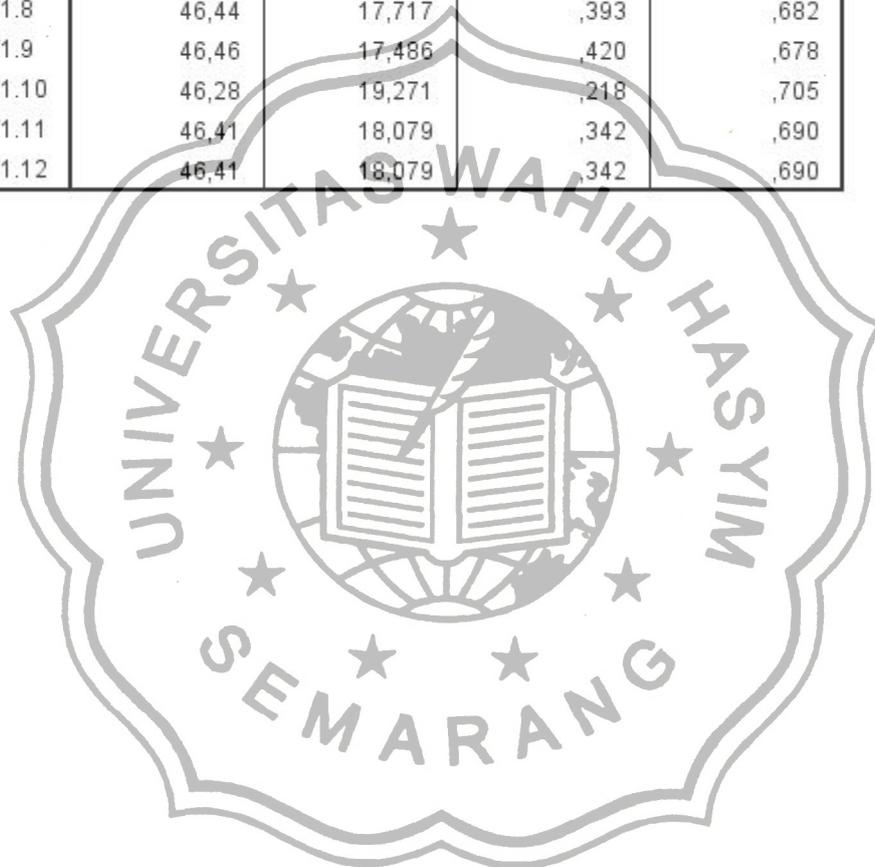
| Cronbach's Alpha | N of Items |
|------------------|------------|
| ,708             | 12         |

#### Item Statistics

|       | Mean | Std. Deviation | N  |
|-------|------|----------------|----|
| Y1.1  | 4,36 | ,659           | 61 |
| Y1.2  | 4,21 | ,798           | 61 |
| Y1.3  | 4,07 | ,834           | 61 |
| Y1.4  | 4,18 | ,827           | 61 |
| Y1.5  | 4,18 | ,847           | 61 |
| Y1.6  | 4,26 | ,794           | 61 |
| Y1.7  | 4,25 | ,722           | 61 |
| Y1.8  | 4,18 | ,806           | 61 |
| Y1.9  | 4,16 | ,820           | 61 |
| Y1.10 | 4,34 | ,680           | 61 |
| Y1.11 | 4,21 | ,798           | 61 |
| Y1.12 | 4,21 | ,798           | 61 |

**Item-Total Statistics**

|       | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|-------|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| Y1.1  | 46,26                      | 19,563                         | ,179                             | ,709                             |
| Y1.2  | 46,41                      | 18,213                         | ,321                             | ,693                             |
| Y1.3  | 46,56                      | 17,851                         | ,354                             | ,688                             |
| Y1.4  | 46,44                      | 18,051                         | ,328                             | ,692                             |
| Y1.5  | 46,44                      | 17,984                         | ,326                             | ,692                             |
| Y1.6  | 46,36                      | 17,301                         | ,471                             | ,671                             |
| Y1.7  | 46,38                      | 18,172                         | ,381                             | ,685                             |
| Y1.8  | 46,44                      | 17,717                         | ,393                             | ,682                             |
| Y1.9  | 46,46                      | 17,486                         | ,420                             | ,678                             |
| Y1.10 | 46,28                      | 19,271                         | ,218                             | ,705                             |
| Y1.11 | 46,41                      | 18,079                         | ,342                             | ,690                             |
| Y1.12 | 46,41                      | 18,079                         | ,342                             | ,690                             |



## Lampiran 5 : Hasil Uji Asumsi Klasik

## UJI NORMALITAS

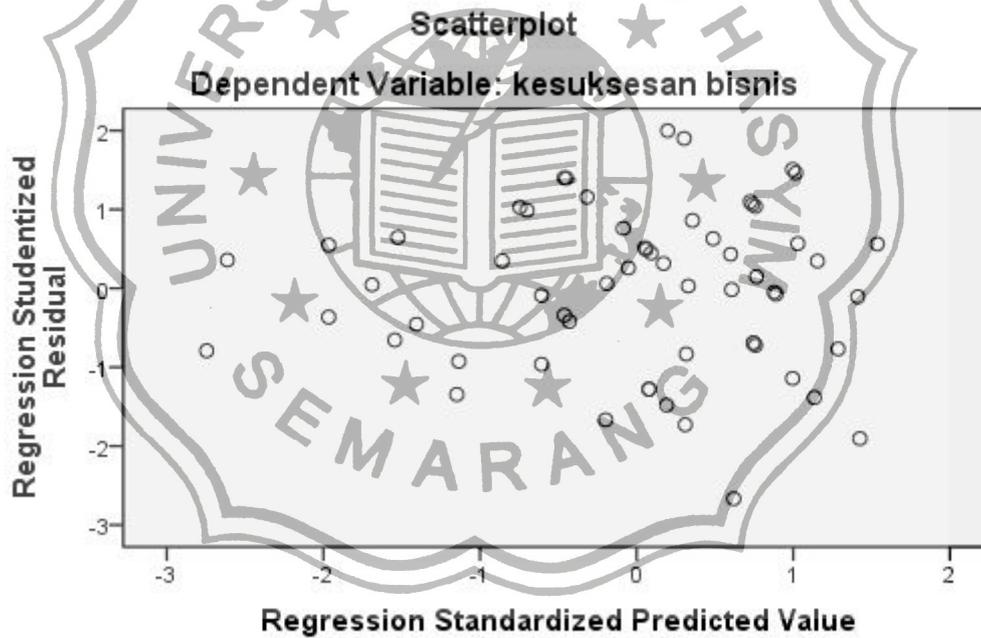
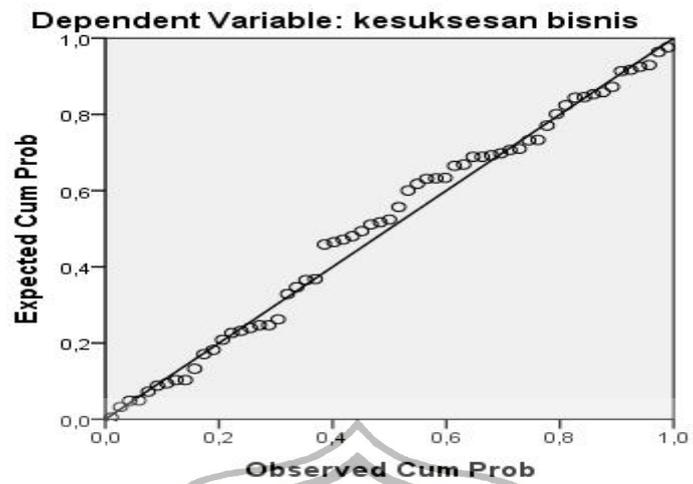
## NPar Tests

## One-Sample Kolmogorov-Smirnov Test

|                                  |                | Unstandardized Residual |
|----------------------------------|----------------|-------------------------|
| N                                |                | 61                      |
| Normal Parameters <sup>a,b</sup> | Mean           | ,0000000                |
|                                  | Std. Deviation | 2,28202732              |
| Most Extreme Differences         | Absolute       | ,081                    |
|                                  | Positive       | ,053                    |
|                                  | Negative       | -,081                   |
| Test Statistic                   |                | ,081                    |
| Asymp. Sig. (2-tailed)           |                | ,200 <sup>c,d</sup>     |

- a. Test distribution is Normal.  
 b. Calculated from data.  
 c. Lilliefors Significance Correction.  
 d. This is a lower bound of the true significance.



**Normal P-P Plot of Regression Standardized Residual**

## UJI HETEROSKEDASTISITAS

### Regression

**Variables Entered/Removed<sup>a</sup>**

| Model | Variables Entered                                | Variables Removed | Method |
|-------|--|-------------------|--------|
| 1.    | Lokasi usaha, Kompetensi manajerial <sup>b</sup> |                   | Enter  |

a. Dependent Variable: absres

b. All requested variables entered.

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | ,194 <sup>a</sup> | ,038     | ,004              | 1,31582                    |

a. Predictors: (Constant), Lokasi usaha, Kompetensi manajerial

**ANOVA<sup>a</sup>**

| Model |            | Sum of Squares | df | Mean Square | F     | Sig.              |
|-------|------------|----------------|----|-------------|-------|-------------------|
| 1     | Regression | 3,914          | 2  | 1,957       | 1,130 | ,380 <sup>b</sup> |
|       | Residual   | 100,420        | 58 | 1,731       |       |                   |
|       | Total      | 104,334        | 60 |             |       |                   |

a. Dependent Variable: absres

b. Predictors: (Constant), Lokasi usaha, Kompetensi manajerial

**Coefficients<sup>a</sup>**

| Model |                       | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|-----------------------|-----------------------------|------------|---------------------------|-------|------|
|       |                       | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant)            | -,494                       | 2,090      |                           | -,236 | ,814 |
|       | Kompetensi manajerial | ,050                        | ,035       | ,198                      | 1,425 | ,160 |
|       | Lokasi usaha          | -,005                       | ,051       | -,013                     | -,093 | ,926 |

a. Dependent Variable: absres

## UJI HETEROSKEDASTISITAS

### Regression

**Variables Entered/Removed<sup>a</sup>**

| Model | Variables Entered                                | Variables Removed | Method |
|-------|--|-------------------|--------|
| 1     | Lokasi usaha, Kompetensi manajerial <sup>b</sup> |                   | Enter  |

a. Dependent Variable: absres

b. All requested variables entered.

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | ,194 <sup>a</sup> | ,038     | ,004              | 1,31582                    |

a. Predictors: (Constant), Lokasi usaha, Kompetensi manajerial

**ANOVA<sup>a</sup>**

| Model |            | Sum of Squares | df | Mean Square | F     | Sig.              |
|-------|------------|----------------|----|-------------|-------|-------------------|
| 1     | Regression | 3,914          | 2  | 1,957       | 1,130 | ,330 <sup>b</sup> |
|       | Residual   | 100,420        | 58 | 1,731       |       |                   |
|       | Total      | 104,334        | 60 |             |       |                   |

a. Dependent Variable: absres

b. Predictors: (Constant), Lokasi usaha, Kompetensi manajerial

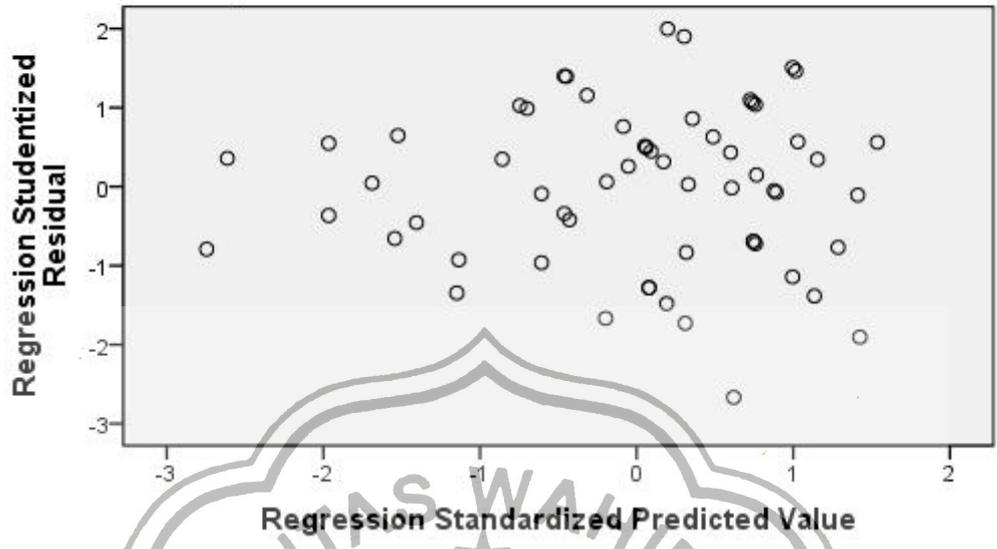
**Coefficients<sup>a</sup>**

| Model |                       | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|-----------------------|-----------------------------|------------|---------------------------|-------|------|
|       |                       | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant)            | -,494                       | 2,090      |                           | -,236 | ,814 |
|       | Kompetensi manajerial | ,050                        | ,035       | ,198                      | 1,425 | ,160 |
|       | Lokasi usaha          | -,005                       | ,051       | -,013                     | -,093 | ,926 |

a. Dependent Variable: absres

### Scatterplot

Dependent Variable: kesuksesan bisnis



## Lampiran 6 : Hasil Uji Analisis Regresi Linier Berganda

## UJI REGRESI BERGANDA

Variables Entered/Removed<sup>a</sup>

| Model | Variables Entered                                | Variables Removed | Method |
|-------|--|-------------------|--------|
| 1     | lokasi usaha, kompetensi manajerial <sup>b</sup> |                   | Enter  |

a. Dependent Variable: kesuksesan bisnis

b. All requested variables entered.

## Model Summary

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | ,867 <sup>a</sup> | ,752     | ,744              | 2,321                      |

a. Predictors: (Constant), lokasi usaha, kompetensi manajerial

ANOVA<sup>a</sup>

| Model |            | Sum of Squares | df | Mean Square | F      | Sig.              |
|-------|------------|----------------|----|-------------|--------|-------------------|
| 1     | Regression | 949,869        | 2  | 474,934     | 88,159 | ,000 <sup>b</sup> |
|       | Residual   | 312,459        | 58 | 5,387       |        |                   |
|       | Total      | 1262,328       | 60 |             |        |                   |

a. Dependent Variable: kesuksesan bisnis

b. Predictors: (Constant), lokasi usaha, kompetensi manajerial

Coefficients<sup>a</sup>

| Model |                       | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|-----------------------|-----------------------------|------------|---------------------------|-------|------|
|       |                       | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant)            | 2,628                       | 3,687      |                           | ,713  | ,479 |
|       | kompetensi manajerial | ,525                        | ,061       | ,604                      | 8,563 | ,000 |
|       | lokasi usaha          | ,551                        | ,089       | ,435                      | 6,163 | ,000 |

a. Dependent Variable: kesuksesan bisnis

Tabel r untuk df = 1 - 50

| df = (N-2) | Tingkat signifikansi untuk uji satu arah |        |        |        |        |
|------------|--|--------|--------|--------|--------|
|            | 0.05                                     | 0.025  | 0.01   | 0.005  | 0.0005 |
|            | Tingkat signifikansi untuk uji dua arah  |        |        |        |        |
|            | 0.1                                      | 0.05   | 0.02   | 0.01   | 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                                   | 0.4438 | 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 |
| 39         | 0.2605                                   | 0.3081 | 0.3621 | 0.3978 | 0.4950 |
| 40         | 0.2573                                   | 0.3044 | 0.3578 | 0.3932 | 0.4896 |
| 41         | 0.2542                                   | 0.3008 | 0.3536 | 0.3887 | 0.4843 |
| 42         | 0.2512                                   | 0.2973 | 0.3496 | 0.3843 | 0.4791 |
| 43         | 0.2483                                   | 0.2940 | 0.3457 | 0.3801 | 0.4742 |
| 44         | 0.2455                                   | 0.2907 | 0.3420 | 0.3761 | 0.4694 |
| 45         | 0.2429                                   | 0.2876 | 0.3384 | 0.3721 | 0.4647 |
| 46         | 0.2403                                   | 0.2845 | 0.3348 | 0.3683 | 0.4601 |
| 47         | 0.2377                                   | 0.2816 | 0.3314 | 0.3646 | 0.4557 |
| 48         | 0.2353                                   | 0.2787 | 0.3281 | 0.3610 | 0.4514 |
| 49         | 0.2329                                   | 0.2759 | 0.3249 | 0.3575 | 0.4473 |
| 50         | 0.2306                                   | 0.2732 | 0.3218 | 0.3542 | 0.4432 |

Tabel r untuk df = 51 - 100

| df = (N-2) | Tingkat signifikansi untuk uji satu arah |        |        |        |        |
|------------|--|--------|--------|--------|--------|
|            | 0.05                                     | 0.025  | 0.01   | 0.005  | 0.0005 |
|            | Tingkat signifikansi untuk uji dua arah  |        |        |        |        |
|            | 0.1                                      | 0.05   | 0.02   | 0.01   | 0.001  |
| 51         | 0.2284                                   | 0.2706 | 0.3188 | 0.3509 | 0.4393 |
| 52         | 0.2262                                   | 0.2681 | 0.3158 | 0.3477 | 0.4354 |
| 53         | 0.2241                                   | 0.2656 | 0.3129 | 0.3445 | 0.4317 |
| 54         | 0.2221                                   | 0.2632 | 0.3102 | 0.3415 | 0.4280 |
| 55         | 0.2201                                   | 0.2609 | 0.3074 | 0.3385 | 0.4244 |
| 56         | 0.2181                                   | 0.2586 | 0.3048 | 0.3357 | 0.4210 |
| 57         | 0.2162                                   | 0.2564 | 0.3022 | 0.3328 | 0.4176 |
| 58         | 0.2144                                   | 0.2542 | 0.2997 | 0.3301 | 0.4143 |
| 59         | 0.2126                                   | 0.2521 | 0.2972 | 0.3274 | 0.4110 |
| 60         | 0.2108                                   | 0.2500 | 0.2948 | 0.3248 | 0.4079 |
| 61         | 0.2091                                   | 0.2480 | 0.2925 | 0.3223 | 0.4048 |
| 62         | 0.2075                                   | 0.2461 | 0.2902 | 0.3198 | 0.4018 |
| 63         | 0.2058                                   | 0.2441 | 0.2880 | 0.3173 | 0.3988 |
| 64         | 0.2042                                   | 0.2423 | 0.2858 | 0.3150 | 0.3959 |
| 65         | 0.2027                                   | 0.2404 | 0.2837 | 0.3126 | 0.3931 |
| 66         | 0.2012                                   | 0.2387 | 0.2816 | 0.3104 | 0.3903 |
| 67         | 0.1997                                   | 0.2369 | 0.2796 | 0.3081 | 0.3876 |
| 68         | 0.1982                                   | 0.2352 | 0.2776 | 0.3060 | 0.3850 |
| 69         | 0.1968                                   | 0.2335 | 0.2756 | 0.3038 | 0.3823 |
| 70         | 0.1954                                   | 0.2319 | 0.2737 | 0.3017 | 0.3798 |
| 71         | 0.1940                                   | 0.2303 | 0.2718 | 0.2997 | 0.3773 |
| 72         | 0.1927                                   | 0.2287 | 0.2700 | 0.2977 | 0.3748 |
| 73         | 0.1914                                   | 0.2272 | 0.2682 | 0.2957 | 0.3724 |
| 74         | 0.1901                                   | 0.2257 | 0.2664 | 0.2938 | 0.3701 |
| 75         | 0.1888                                   | 0.2242 | 0.2647 | 0.2919 | 0.3678 |
| 76         | 0.1876                                   | 0.2227 | 0.2630 | 0.2900 | 0.3655 |
| 77         | 0.1864                                   | 0.2213 | 0.2613 | 0.2882 | 0.3633 |
| 78         | 0.1852                                   | 0.2199 | 0.2597 | 0.2864 | 0.3611 |
| 79         | 0.1841                                   | 0.2185 | 0.2581 | 0.2847 | 0.3589 |
| 80         | 0.1829                                   | 0.2172 | 0.2565 | 0.2830 | 0.3568 |
| 81         | 0.1818                                   | 0.2159 | 0.2550 | 0.2813 | 0.3547 |
| 82         | 0.1807                                   | 0.2146 | 0.2535 | 0.2796 | 0.3527 |
| 83         | 0.1796                                   | 0.2133 | 0.2520 | 0.2780 | 0.3507 |
| 84         | 0.1786                                   | 0.2120 | 0.2505 | 0.2764 | 0.3487 |
| 85         | 0.1775                                   | 0.2108 | 0.2491 | 0.2748 | 0.3468 |
| 86         | 0.1765                                   | 0.2096 | 0.2477 | 0.2732 | 0.3449 |
| 87         | 0.1755                                   | 0.2084 | 0.2463 | 0.2717 | 0.3430 |
| 88         | 0.1745                                   | 0.2072 | 0.2449 | 0.2702 | 0.3412 |
| 89         | 0.1735                                   | 0.2061 | 0.2435 | 0.2687 | 0.3393 |
| 90         | 0.1726                                   | 0.2050 | 0.2422 | 0.2673 | 0.3375 |
| 91         | 0.1716                                   | 0.2039 | 0.2409 | 0.2659 | 0.3358 |
| 92         | 0.1707                                   | 0.2028 | 0.2396 | 0.2645 | 0.3341 |
| 93         | 0.1698                                   | 0.2017 | 0.2384 | 0.2631 | 0.3323 |
| 94         | 0.1689                                   | 0.2006 | 0.2371 | 0.2617 | 0.3307 |
| 95         | 0.1680                                   | 0.1996 | 0.2359 | 0.2604 | 0.3290 |
| 96         | 0.1671                                   | 0.1986 | 0.2347 | 0.2591 | 0.3274 |
| 97         | 0.1663                                   | 0.1975 | 0.2335 | 0.2578 | 0.3258 |
| 98         | 0.1654                                   | 0.1966 | 0.2324 | 0.2565 | 0.3242 |
| 99         | 0.1646                                   | 0.1956 | 0.2312 | 0.2552 | 0.3226 |
| 100        | 0.1638                                   | 0.1946 | 0.2301 | 0.2540 | 0.3211 |

## Titik Persentase Distribusi F untuk Probabilita = 0,05

| df untuk penyebut (N2) | df untuk pembilang (N1) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------------------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                        | 1                       | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
| 46                     | 4.05                    | 3.20 | 2.81 | 2.57 | 2.42 | 2.30 | 2.22 | 2.15 | 2.09 | 2.04 | 2.00 | 1.97 | 1.94 | 1.91 | 1.89 |
| 47                     | 4.05                    | 3.20 | 2.80 | 2.57 | 2.41 | 2.30 | 2.21 | 2.14 | 2.09 | 2.04 | 2.00 | 1.96 | 1.93 | 1.91 | 1.88 |
| 48                     | 4.04                    | 3.19 | 2.80 | 2.57 | 2.41 | 2.29 | 2.21 | 2.14 | 2.08 | 2.03 | 1.99 | 1.96 | 1.93 | 1.90 | 1.88 |
| 49                     | 4.04                    | 3.19 | 2.79 | 2.56 | 2.40 | 2.29 | 2.20 | 2.13 | 2.08 | 2.03 | 1.99 | 1.96 | 1.93 | 1.90 | 1.88 |
| 50                     | 4.03                    | 3.18 | 2.79 | 2.56 | 2.40 | 2.29 | 2.20 | 2.13 | 2.07 | 2.03 | 1.99 | 1.95 | 1.92 | 1.89 | 1.87 |
| 51                     | 4.03                    | 3.18 | 2.79 | 2.55 | 2.40 | 2.28 | 2.20 | 2.13 | 2.07 | 2.02 | 1.98 | 1.95 | 1.92 | 1.89 | 1.87 |
| 52                     | 4.03                    | 3.18 | 2.78 | 2.55 | 2.39 | 2.28 | 2.19 | 2.12 | 2.07 | 2.02 | 1.98 | 1.94 | 1.91 | 1.89 | 1.86 |
| 53                     | 4.02                    | 3.17 | 2.78 | 2.55 | 2.39 | 2.28 | 2.19 | 2.12 | 2.06 | 2.01 | 1.97 | 1.94 | 1.91 | 1.88 | 1.86 |
| 54                     | 4.02                    | 3.17 | 2.78 | 2.54 | 2.39 | 2.27 | 2.18 | 2.12 | 2.06 | 2.01 | 1.97 | 1.94 | 1.91 | 1.88 | 1.86 |
| 55                     | 4.02                    | 3.16 | 2.77 | 2.54 | 2.38 | 2.27 | 2.18 | 2.11 | 2.06 | 2.01 | 1.97 | 1.93 | 1.90 | 1.88 | 1.85 |
| 56                     | 4.01                    | 3.16 | 2.77 | 2.54 | 2.38 | 2.27 | 2.18 | 2.11 | 2.05 | 2.00 | 1.96 | 1.93 | 1.90 | 1.87 | 1.85 |
| 57                     | 4.01                    | 3.16 | 2.77 | 2.53 | 2.38 | 2.26 | 2.18 | 2.11 | 2.05 | 2.00 | 1.96 | 1.93 | 1.90 | 1.87 | 1.85 |
| 58                     | 4.01                    | 3.16 | 2.76 | 2.53 | 2.37 | 2.26 | 2.17 | 2.10 | 2.05 | 2.00 | 1.96 | 1.92 | 1.89 | 1.87 | 1.84 |
| 59                     | 4.00                    | 3.15 | 2.76 | 2.53 | 2.37 | 2.26 | 2.17 | 2.10 | 2.04 | 2.00 | 1.96 | 1.92 | 1.89 | 1.86 | 1.84 |
| 60                     | 4.00                    | 3.15 | 2.76 | 2.53 | 2.37 | 2.25 | 2.17 | 2.10 | 2.04 | 1.99 | 1.95 | 1.92 | 1.89 | 1.86 | 1.84 |
| 61                     | 4.00                    | 3.15 | 2.76 | 2.52 | 2.37 | 2.25 | 2.16 | 2.09 | 2.04 | 1.99 | 1.95 | 1.91 | 1.88 | 1.86 | 1.83 |
| 62                     | 4.00                    | 3.15 | 2.75 | 2.52 | 2.36 | 2.25 | 2.16 | 2.09 | 2.03 | 1.99 | 1.95 | 1.91 | 1.88 | 1.85 | 1.83 |
| 63                     | 3.99                    | 3.14 | 2.75 | 2.52 | 2.36 | 2.25 | 2.16 | 2.09 | 2.03 | 1.98 | 1.94 | 1.91 | 1.88 | 1.85 | 1.83 |
| 64                     | 3.99                    | 3.14 | 2.75 | 2.52 | 2.36 | 2.24 | 2.16 | 2.09 | 2.03 | 1.98 | 1.94 | 1.91 | 1.88 | 1.85 | 1.83 |
| 65                     | 3.99                    | 3.14 | 2.75 | 2.51 | 2.36 | 2.24 | 2.15 | 2.08 | 2.03 | 1.98 | 1.94 | 1.90 | 1.87 | 1.85 | 1.82 |
| 66                     | 3.99                    | 3.14 | 2.74 | 2.51 | 2.35 | 2.24 | 2.15 | 2.08 | 2.03 | 1.98 | 1.94 | 1.90 | 1.87 | 1.84 | 1.82 |
| 67                     | 3.98                    | 3.13 | 2.74 | 2.51 | 2.35 | 2.24 | 2.15 | 2.08 | 2.02 | 1.98 | 1.93 | 1.90 | 1.87 | 1.84 | 1.82 |
| 68                     | 3.98                    | 3.13 | 2.74 | 2.51 | 2.35 | 2.24 | 2.15 | 2.08 | 2.02 | 1.97 | 1.93 | 1.90 | 1.87 | 1.84 | 1.82 |
| 69                     | 3.98                    | 3.13 | 2.74 | 2.50 | 2.35 | 2.23 | 2.15 | 2.08 | 2.02 | 1.97 | 1.93 | 1.90 | 1.86 | 1.84 | 1.81 |
| 70                     | 3.98                    | 3.13 | 2.74 | 2.50 | 2.35 | 2.23 | 2.14 | 2.07 | 2.02 | 1.97 | 1.93 | 1.89 | 1.86 | 1.84 | 1.81 |
| 71                     | 3.98                    | 3.13 | 2.73 | 2.50 | 2.34 | 2.23 | 2.14 | 2.07 | 2.01 | 1.97 | 1.93 | 1.89 | 1.86 | 1.83 | 1.81 |
| 72                     | 3.97                    | 3.12 | 2.73 | 2.50 | 2.34 | 2.23 | 2.14 | 2.07 | 2.01 | 1.96 | 1.92 | 1.89 | 1.86 | 1.83 | 1.81 |
| 73                     | 3.97                    | 3.12 | 2.73 | 2.50 | 2.34 | 2.23 | 2.14 | 2.07 | 2.01 | 1.96 | 1.92 | 1.89 | 1.86 | 1.83 | 1.81 |
| 74                     | 3.97                    | 3.12 | 2.73 | 2.50 | 2.34 | 2.22 | 2.14 | 2.07 | 2.01 | 1.96 | 1.92 | 1.89 | 1.85 | 1.83 | 1.80 |
| 75                     | 3.97                    | 3.12 | 2.73 | 2.49 | 2.34 | 2.22 | 2.13 | 2.06 | 2.01 | 1.96 | 1.92 | 1.88 | 1.85 | 1.83 | 1.80 |
| 76                     | 3.97                    | 3.12 | 2.72 | 2.49 | 2.33 | 2.22 | 2.13 | 2.06 | 2.01 | 1.96 | 1.92 | 1.88 | 1.85 | 1.82 | 1.80 |
| 77                     | 3.97                    | 3.12 | 2.72 | 2.49 | 2.33 | 2.22 | 2.13 | 2.06 | 2.00 | 1.96 | 1.92 | 1.88 | 1.85 | 1.82 | 1.80 |
| 78                     | 3.96                    | 3.11 | 2.72 | 2.49 | 2.33 | 2.22 | 2.13 | 2.06 | 2.00 | 1.95 | 1.91 | 1.88 | 1.85 | 1.82 | 1.80 |
| 79                     | 3.96                    | 3.11 | 2.72 | 2.49 | 2.33 | 2.22 | 2.13 | 2.06 | 2.00 | 1.95 | 1.91 | 1.88 | 1.85 | 1.82 | 1.79 |
| 80                     | 3.96                    | 3.11 | 2.72 | 2.49 | 2.33 | 2.21 | 2.13 | 2.06 | 2.00 | 1.95 | 1.91 | 1.88 | 1.84 | 1.82 | 1.79 |
| 81                     | 3.96                    | 3.11 | 2.72 | 2.48 | 2.33 | 2.21 | 2.12 | 2.05 | 2.00 | 1.95 | 1.91 | 1.87 | 1.84 | 1.82 | 1.79 |
| 82                     | 3.96                    | 3.11 | 2.72 | 2.48 | 2.33 | 2.21 | 2.12 | 2.05 | 2.00 | 1.95 | 1.91 | 1.87 | 1.84 | 1.81 | 1.79 |
| 83                     | 3.96                    | 3.11 | 2.71 | 2.48 | 2.32 | 2.21 | 2.12 | 2.05 | 1.99 | 1.95 | 1.91 | 1.87 | 1.84 | 1.81 | 1.79 |
| 84                     | 3.95                    | 3.11 | 2.71 | 2.48 | 2.32 | 2.21 | 2.12 | 2.05 | 1.99 | 1.95 | 1.90 | 1.87 | 1.84 | 1.81 | 1.79 |
| 85                     | 3.95                    | 3.10 | 2.71 | 2.48 | 2.32 | 2.21 | 2.12 | 2.05 | 1.99 | 1.94 | 1.90 | 1.87 | 1.84 | 1.81 | 1.79 |
| 86                     | 3.95                    | 3.10 | 2.71 | 2.48 | 2.32 | 2.21 | 2.12 | 2.05 | 1.99 | 1.94 | 1.90 | 1.87 | 1.84 | 1.81 | 1.78 |
| 87                     | 3.95                    | 3.10 | 2.71 | 2.48 | 2.32 | 2.20 | 2.12 | 2.05 | 1.99 | 1.94 | 1.90 | 1.87 | 1.83 | 1.81 | 1.78 |
| 88                     | 3.95                    | 3.10 | 2.71 | 2.48 | 2.32 | 2.20 | 2.12 | 2.05 | 1.99 | 1.94 | 1.90 | 1.86 | 1.83 | 1.81 | 1.78 |
| 89                     | 3.95                    | 3.10 | 2.71 | 2.47 | 2.32 | 2.20 | 2.11 | 2.04 | 1.99 | 1.94 | 1.90 | 1.86 | 1.83 | 1.80 | 1.78 |
| 90                     | 3.95                    | 3.10 | 2.71 | 2.47 | 2.32 | 2.20 | 2.11 | 2.04 | 1.99 | 1.94 | 1.90 | 1.86 | 1.83 | 1.80 | 1.78 |

## Titik Persentase Distribusi F untuk Probabilita = 0,05

| df untuk penyebut (N2) | df untuk pembilang (N1) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                        | 1                       | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
| 1                      | 161                     | 199   | 216   | 225   | 230   | 234   | 237   | 239   | 241   | 242   | 243   | 244   | 245   | 245   | 246   |
| 2                      | 18.51                   | 19.00 | 19.16 | 19.25 | 19.30 | 19.33 | 19.35 | 19.37 | 19.38 | 19.40 | 19.40 | 19.41 | 19.42 | 19.42 | 19.43 |
| 3                      | 10.13                   | 9.55  | 9.28  | 9.12  | 9.01  | 8.94  | 8.89  | 8.85  | 8.81  | 8.79  | 8.76  | 8.74  | 8.73  | 8.71  | 8.70  |
| 4                      | 7.71                    | 6.94  | 6.59  | 6.39  | 6.26  | 6.16  | 6.09  | 6.04  | 6.00  | 5.96  | 5.94  | 5.91  | 5.89  | 5.87  | 5.86  |
| 5                      | 6.61                    | 5.79  | 5.41  | 5.19  | 5.05  | 4.95  | 4.88  | 4.82  | 4.77  | 4.74  | 4.70  | 4.68  | 4.66  | 4.64  | 4.62  |
| 6                      | 5.99                    | 5.14  | 4.76  | 4.53  | 4.39  | 4.28  | 4.21  | 4.15  | 4.10  | 4.06  | 4.03  | 4.00  | 3.98  | 3.96  | 3.94  |
| 7                      | 5.59                    | 4.74  | 4.35  | 4.12  | 3.97  | 3.87  | 3.79  | 3.73  | 3.68  | 3.64  | 3.60  | 3.57  | 3.55  | 3.53  | 3.51  |
| 8                      | 5.32                    | 4.46  | 4.07  | 3.84  | 3.69  | 3.58  | 3.50  | 3.44  | 3.39  | 3.35  | 3.31  | 3.28  | 3.26  | 3.24  | 3.22  |
| 9                      | 5.12                    | 4.26  | 3.86  | 3.63  | 3.48  | 3.37  | 3.29  | 3.23  | 3.18  | 3.14  | 3.10  | 3.07  | 3.05  | 3.03  | 3.01  |
| 10                     | 4.96                    | 4.10  | 3.71  | 3.48  | 3.33  | 3.22  | 3.14  | 3.07  | 3.02  | 2.98  | 2.94  | 2.91  | 2.89  | 2.86  | 2.85  |
| 11                     | 4.84                    | 3.98  | 3.59  | 3.36  | 3.20  | 3.09  | 3.01  | 2.95  | 2.90  | 2.85  | 2.82  | 2.79  | 2.76  | 2.74  | 2.72  |
| 12                     | 4.75                    | 3.89  | 3.49  | 3.26  | 3.11  | 3.00  | 2.91  | 2.85  | 2.80  | 2.75  | 2.72  | 2.69  | 2.66  | 2.64  | 2.62  |
| 13                     | 4.67                    | 3.81  | 3.41  | 3.18  | 3.03  | 2.92  | 2.83  | 2.77  | 2.71  | 2.67  | 2.63  | 2.60  | 2.58  | 2.55  | 2.53  |
| 14                     | 4.60                    | 3.74  | 3.34  | 3.11  | 2.96  | 2.85  | 2.76  | 2.70  | 2.65  | 2.60  | 2.57  | 2.53  | 2.51  | 2.48  | 2.46  |
| 15                     | 4.54                    | 3.68  | 3.29  | 3.06  | 2.90  | 2.79  | 2.71  | 2.64  | 2.59  | 2.54  | 2.51  | 2.48  | 2.45  | 2.42  | 2.40  |
| 16                     | 4.49                    | 3.63  | 3.24  | 3.01  | 2.85  | 2.74  | 2.66  | 2.59  | 2.54  | 2.49  | 2.46  | 2.42  | 2.40  | 2.37  | 2.35  |
| 17                     | 4.45                    | 3.59  | 3.20  | 2.96  | 2.81  | 2.70  | 2.61  | 2.55  | 2.49  | 2.45  | 2.41  | 2.38  | 2.35  | 2.33  | 2.31  |
| 18                     | 4.41                    | 3.55  | 3.16  | 2.93  | 2.77  | 2.66  | 2.58  | 2.51  | 2.46  | 2.41  | 2.37  | 2.34  | 2.31  | 2.29  | 2.27  |
| 19                     | 4.38                    | 3.52  | 3.13  | 2.90  | 2.74  | 2.63  | 2.54  | 2.48  | 2.42  | 2.38  | 2.34  | 2.31  | 2.28  | 2.26  | 2.23  |
| 20                     | 4.35                    | 3.49  | 3.10  | 2.87  | 2.71  | 2.60  | 2.51  | 2.45  | 2.39  | 2.35  | 2.31  | 2.28  | 2.25  | 2.22  | 2.20  |
| 21                     | 4.32                    | 3.47  | 3.07  | 2.84  | 2.68  | 2.57  | 2.49  | 2.42  | 2.37  | 2.32  | 2.28  | 2.25  | 2.22  | 2.20  | 2.18  |
| 22                     | 4.30                    | 3.44  | 3.05  | 2.82  | 2.66  | 2.55  | 2.46  | 2.40  | 2.34  | 2.30  | 2.26  | 2.23  | 2.20  | 2.17  | 2.15  |
| 23                     | 4.28                    | 3.42  | 3.03  | 2.80  | 2.64  | 2.53  | 2.44  | 2.37  | 2.32  | 2.27  | 2.24  | 2.20  | 2.18  | 2.15  | 2.13  |
| 24                     | 4.26                    | 3.40  | 3.01  | 2.78  | 2.62  | 2.51  | 2.42  | 2.36  | 2.30  | 2.25  | 2.22  | 2.18  | 2.15  | 2.13  | 2.11  |
| 25                     | 4.24                    | 3.39  | 2.99  | 2.76  | 2.60  | 2.49  | 2.40  | 2.34  | 2.28  | 2.24  | 2.20  | 2.16  | 2.14  | 2.11  | 2.09  |
| 26                     | 4.23                    | 3.37  | 2.98  | 2.74  | 2.59  | 2.47  | 2.39  | 2.32  | 2.27  | 2.22  | 2.18  | 2.15  | 2.12  | 2.09  | 2.07  |
| 27                     | 4.21                    | 3.35  | 2.96  | 2.73  | 2.57  | 2.46  | 2.37  | 2.31  | 2.25  | 2.20  | 2.17  | 2.13  | 2.10  | 2.08  | 2.06  |
| 28                     | 4.20                    | 3.34  | 2.95  | 2.71  | 2.56  | 2.45  | 2.36  | 2.29  | 2.24  | 2.19  | 2.15  | 2.12  | 2.09  | 2.06  | 2.04  |
| 29                     | 4.18                    | 3.33  | 2.93  | 2.70  | 2.55  | 2.43  | 2.35  | 2.28  | 2.22  | 2.18  | 2.14  | 2.10  | 2.08  | 2.05  | 2.03  |
| 30                     | 4.17                    | 3.32  | 2.92  | 2.69  | 2.53  | 2.42  | 2.33  | 2.27  | 2.21  | 2.16  | 2.13  | 2.09  | 2.06  | 2.04  | 2.01  |
| 31                     | 4.16                    | 3.30  | 2.91  | 2.68  | 2.52  | 2.41  | 2.32  | 2.25  | 2.20  | 2.15  | 2.11  | 2.08  | 2.05  | 2.03  | 2.00  |
| 32                     | 4.15                    | 3.29  | 2.90  | 2.67  | 2.51  | 2.40  | 2.31  | 2.24  | 2.19  | 2.14  | 2.10  | 2.07  | 2.04  | 2.01  | 1.99  |
| 33                     | 4.14                    | 3.28  | 2.89  | 2.66  | 2.50  | 2.39  | 2.30  | 2.23  | 2.18  | 2.13  | 2.09  | 2.06  | 2.03  | 2.00  | 1.98  |
| 34                     | 4.13                    | 3.28  | 2.88  | 2.65  | 2.49  | 2.38  | 2.29  | 2.23  | 2.17  | 2.12  | 2.08  | 2.05  | 2.02  | 1.99  | 1.97  |
| 35                     | 4.12                    | 3.27  | 2.87  | 2.64  | 2.49  | 2.37  | 2.29  | 2.22  | 2.16  | 2.11  | 2.07  | 2.04  | 2.01  | 1.99  | 1.96  |
| 36                     | 4.11                    | 3.26  | 2.87  | 2.63  | 2.48  | 2.36  | 2.28  | 2.21  | 2.15  | 2.11  | 2.07  | 2.03  | 2.00  | 1.98  | 1.95  |
| 37                     | 4.11                    | 3.25  | 2.86  | 2.63  | 2.47  | 2.36  | 2.27  | 2.20  | 2.14  | 2.10  | 2.06  | 2.02  | 2.00  | 1.97  | 1.95  |
| 38                     | 4.10                    | 3.24  | 2.85  | 2.62  | 2.46  | 2.35  | 2.26  | 2.19  | 2.14  | 2.09  | 2.05  | 2.02  | 1.99  | 1.96  | 1.94  |
| 39                     | 4.09                    | 3.24  | 2.85  | 2.61  | 2.46  | 2.34  | 2.26  | 2.19  | 2.13  | 2.08  | 2.04  | 2.01  | 1.98  | 1.95  | 1.93  |
| 40                     | 4.08                    | 3.23  | 2.84  | 2.61  | 2.45  | 2.34  | 2.25  | 2.18  | 2.12  | 2.08  | 2.04  | 2.00  | 1.97  | 1.95  | 1.92  |
| 41                     | 4.08                    | 3.23  | 2.83  | 2.60  | 2.44  | 2.33  | 2.24  | 2.17  | 2.12  | 2.07  | 2.03  | 2.00  | 1.97  | 1.94  | 1.92  |
| 42                     | 4.07                    | 3.22  | 2.83  | 2.59  | 2.44  | 2.32  | 2.24  | 2.17  | 2.11  | 2.06  | 2.03  | 1.99  | 1.96  | 1.94  | 1.91  |
| 43                     | 4.07                    | 3.21  | 2.82  | 2.59  | 2.43  | 2.32  | 2.23  | 2.16  | 2.11  | 2.06  | 2.02  | 1.99  | 1.96  | 1.93  | 1.91  |
| 44                     | 4.06                    | 3.21  | 2.82  | 2.58  | 2.43  | 2.31  | 2.23  | 2.16  | 2.10  | 2.05  | 2.01  | 1.98  | 1.95  | 1.92  | 1.90  |
| 45                     | 4.06                    | 3.20  | 2.81  | 2.58  | 2.42  | 2.31  | 2.22  | 2.15  | 2.10  | 2.05  | 2.01  | 1.97  | 1.94  | 1.92  | 1.89  |

## Titik Persentase Distribusi t (df = 41 – 80)

| df \ Pr | 0.25    | 0.10    | 0.05    | 0.025   | 0.01    | 0.005   | 0.001   |
|---------|---------|---------|---------|---------|---------|---------|---------|
|         | 0.50    | 0.20    | 0.10    | 0.050   | 0.02    | 0.010   | 0.002   |
| 41      | 0.68052 | 1.30254 | 1.68288 | 2.01954 | 2.42080 | 2.70118 | 3.30127 |
| 42      | 0.68038 | 1.30204 | 1.68195 | 2.01808 | 2.41847 | 2.69807 | 3.29595 |
| 43      | 0.68024 | 1.30155 | 1.68107 | 2.01669 | 2.41625 | 2.69510 | 3.29089 |
| 44      | 0.68011 | 1.30109 | 1.68023 | 2.01537 | 2.41413 | 2.69228 | 3.28607 |
| 45      | 0.67998 | 1.30065 | 1.67943 | 2.01410 | 2.41212 | 2.68959 | 3.28148 |
| 46      | 0.67986 | 1.30023 | 1.67866 | 2.01290 | 2.41019 | 2.68701 | 3.27710 |
| 47      | 0.67975 | 1.29982 | 1.67793 | 2.01174 | 2.40835 | 2.68456 | 3.27291 |
| 48      | 0.67964 | 1.29944 | 1.67722 | 2.01063 | 2.40658 | 2.68220 | 3.26891 |
| 49      | 0.67953 | 1.29907 | 1.67655 | 2.00958 | 2.40489 | 2.67995 | 3.26508 |
| 50      | 0.67943 | 1.29871 | 1.67591 | 2.00856 | 2.40327 | 2.67779 | 3.26141 |
| 51      | 0.67933 | 1.29837 | 1.67528 | 2.00758 | 2.40172 | 2.67572 | 3.25789 |
| 52      | 0.67924 | 1.29805 | 1.67469 | 2.00665 | 2.40022 | 2.67373 | 3.25451 |
| 53      | 0.67915 | 1.29773 | 1.67412 | 2.00575 | 2.39879 | 2.67182 | 3.25127 |
| 54      | 0.67906 | 1.29743 | 1.67356 | 2.00488 | 2.39741 | 2.66998 | 3.24815 |
| 55      | 0.67898 | 1.29713 | 1.67303 | 2.00404 | 2.39608 | 2.66822 | 3.24515 |
| 56      | 0.67890 | 1.29685 | 1.67252 | 2.00324 | 2.39480 | 2.66651 | 3.24226 |
| 57      | 0.67882 | 1.29658 | 1.67203 | 2.00247 | 2.39357 | 2.66487 | 3.23948 |
| 58      | 0.67874 | 1.29632 | 1.67155 | 2.00172 | 2.39238 | 2.66329 | 3.23680 |
| 59      | 0.67867 | 1.29607 | 1.67109 | 2.00100 | 2.39123 | 2.66176 | 3.23421 |
| 60      | 0.67860 | 1.29582 | 1.67065 | 2.00030 | 2.39012 | 2.66028 | 3.23171 |
| 61      | 0.67853 | 1.29558 | 1.67022 | 1.99962 | 2.38905 | 2.65886 | 3.22930 |
| 62      | 0.67847 | 1.29536 | 1.66980 | 1.99897 | 2.38801 | 2.65748 | 3.22696 |
| 63      | 0.67840 | 1.29513 | 1.66940 | 1.99834 | 2.38701 | 2.65615 | 3.22471 |
| 64      | 0.67834 | 1.29492 | 1.66901 | 1.99773 | 2.38604 | 2.65485 | 3.22253 |
| 65      | 0.67828 | 1.29471 | 1.66864 | 1.99714 | 2.38510 | 2.65360 | 3.22041 |
| 66      | 0.67823 | 1.29451 | 1.66827 | 1.99656 | 2.38419 | 2.65239 | 3.21837 |
| 67      | 0.67817 | 1.29432 | 1.66792 | 1.99601 | 2.38330 | 2.65122 | 3.21639 |
| 68      | 0.67811 | 1.29413 | 1.66757 | 1.99547 | 2.38245 | 2.65008 | 3.21446 |
| 69      | 0.67806 | 1.29394 | 1.66724 | 1.99495 | 2.38161 | 2.64898 | 3.21260 |
| 70      | 0.67801 | 1.29376 | 1.66691 | 1.99444 | 2.38081 | 2.64790 | 3.21079 |
| 71      | 0.67796 | 1.29359 | 1.66660 | 1.99394 | 2.38002 | 2.64686 | 3.20903 |
| 72      | 0.67791 | 1.29342 | 1.66629 | 1.99346 | 2.37926 | 2.64585 | 3.20733 |
| 73      | 0.67787 | 1.29326 | 1.66600 | 1.99300 | 2.37852 | 2.64487 | 3.20567 |
| 74      | 0.67782 | 1.29310 | 1.66571 | 1.99254 | 2.37780 | 2.64391 | 3.20406 |
| 75      | 0.67778 | 1.29294 | 1.66543 | 1.99210 | 2.37710 | 2.64298 | 3.20249 |
| 76      | 0.67773 | 1.29279 | 1.66515 | 1.99167 | 2.37642 | 2.64208 | 3.20096 |
| 77      | 0.67769 | 1.29264 | 1.66488 | 1.99125 | 2.37576 | 2.64120 | 3.19948 |
| 78      | 0.67765 | 1.29250 | 1.66462 | 1.99085 | 2.37511 | 2.64034 | 3.19804 |
| 79      | 0.67761 | 1.29236 | 1.66437 | 1.99045 | 2.37448 | 2.63950 | 3.19663 |
| 80      | 0.67757 | 1.29222 | 1.66412 | 1.99006 | 2.37387 | 2.63869 | 3.19526 |

Catatan: Probabilita yang lebih kecil yang ditunjukkan pada judul tiap kolom adalah luas daerah dalam satu ujung, sedangkan probabilitas yang lebih besar adalah luas daerah dalam kedua ujung

## Titik Persentase Distribusi t (df = 1 – 40)

| df | Pr | 0.25    | 0.10    | 0.05    | 0.025    | 0.01     | 0.005    | 0.001     |
|----|----|---------|---------|---------|----------|----------|----------|-----------|
|    |    | 0.50    | 0.20    | 0.10    | 0.050    | 0.02     | 0.010    | 0.002     |
| 1  |    | 1.00000 | 3.07768 | 6.31375 | 12.70620 | 31.82052 | 63.65674 | 318.30884 |
| 2  |    | 0.81650 | 1.88562 | 2.91999 | 4.30265  | 6.96456  | 9.92484  | 22.32712  |
| 3  |    | 0.76489 | 1.63774 | 2.35336 | 3.18245  | 4.54070  | 5.84091  | 10.21453  |
| 4  |    | 0.74070 | 1.53321 | 2.13185 | 2.77645  | 3.74695  | 4.60409  | 7.17318   |
| 5  |    | 0.72669 | 1.47588 | 2.01505 | 2.57058  | 3.36493  | 4.03214  | 5.89343   |
| 6  |    | 0.71756 | 1.43976 | 1.94318 | 2.44691  | 3.14267  | 3.70743  | 5.20763   |
| 7  |    | 0.71114 | 1.41492 | 1.89458 | 2.36462  | 2.99795  | 3.49948  | 4.78529   |
| 8  |    | 0.70639 | 1.39682 | 1.85955 | 2.30600  | 2.89646  | 3.35539  | 4.50079   |
| 9  |    | 0.70272 | 1.38303 | 1.83311 | 2.26216  | 2.82144  | 3.24984  | 4.29681   |
| 10 |    | 0.69981 | 1.37218 | 1.81246 | 2.22814  | 2.76377  | 3.16927  | 4.14370   |
| 11 |    | 0.69745 | 1.36343 | 1.79588 | 2.20099  | 2.71808  | 3.10581  | 4.02470   |
| 12 |    | 0.69548 | 1.35622 | 1.78229 | 2.17881  | 2.68100  | 3.05454  | 3.92963   |
| 13 |    | 0.69383 | 1.35017 | 1.77093 | 2.16037  | 2.65031  | 3.01228  | 3.85198   |
| 14 |    | 0.69242 | 1.34503 | 1.76131 | 2.14479  | 2.62449  | 2.97684  | 3.78739   |
| 15 |    | 0.69120 | 1.34061 | 1.75305 | 2.13145  | 2.60248  | 2.94671  | 3.73283   |
| 16 |    | 0.69013 | 1.33676 | 1.74588 | 2.11991  | 2.58349  | 2.92078  | 3.68615   |
| 17 |    | 0.68920 | 1.33338 | 1.73961 | 2.10982  | 2.56693  | 2.89823  | 3.64577   |
| 18 |    | 0.68836 | 1.33039 | 1.73406 | 2.10092  | 2.55238  | 2.87844  | 3.61048   |
| 19 |    | 0.68762 | 1.32773 | 1.72913 | 2.09302  | 2.53948  | 2.86093  | 3.57940   |
| 20 |    | 0.68695 | 1.32534 | 1.72472 | 2.08596  | 2.52798  | 2.84534  | 3.55181   |
| 21 |    | 0.68635 | 1.32319 | 1.72074 | 2.07961  | 2.51765  | 2.83136  | 3.52715   |
| 22 |    | 0.68581 | 1.32124 | 1.71714 | 2.07387  | 2.50832  | 2.81876  | 3.50499   |
| 23 |    | 0.68531 | 1.31946 | 1.71387 | 2.06866  | 2.49987  | 2.80734  | 3.48496   |
| 24 |    | 0.68485 | 1.31784 | 1.71088 | 2.06390  | 2.49216  | 2.79694  | 3.46678   |
| 25 |    | 0.68443 | 1.31635 | 1.70814 | 2.05954  | 2.48511  | 2.78744  | 3.45019   |
| 26 |    | 0.68404 | 1.31497 | 1.70562 | 2.05553  | 2.47863  | 2.77871  | 3.43500   |
| 27 |    | 0.68368 | 1.31370 | 1.70329 | 2.05183  | 2.47266  | 2.77068  | 3.42103   |
| 28 |    | 0.68335 | 1.31253 | 1.70113 | 2.04841  | 2.46714  | 2.76326  | 3.40816   |
| 29 |    | 0.68304 | 1.31143 | 1.69913 | 2.04523  | 2.46202  | 2.75639  | 3.39624   |
| 30 |    | 0.68276 | 1.31042 | 1.69726 | 2.04227  | 2.45726  | 2.75000  | 3.38518   |
| 31 |    | 0.68249 | 1.30946 | 1.69552 | 2.03951  | 2.45282  | 2.74404  | 3.37490   |
| 32 |    | 0.68223 | 1.30857 | 1.69389 | 2.03693  | 2.44868  | 2.73848  | 3.36531   |
| 33 |    | 0.68200 | 1.30774 | 1.69236 | 2.03452  | 2.44479  | 2.73328  | 3.35634   |
| 34 |    | 0.68177 | 1.30695 | 1.69092 | 2.03224  | 2.44115  | 2.72839  | 3.34793   |
| 35 |    | 0.68156 | 1.30621 | 1.68957 | 2.03011  | 2.43772  | 2.72381  | 3.34005   |
| 36 |    | 0.68137 | 1.30551 | 1.68830 | 2.02809  | 2.43449  | 2.71948  | 3.33262   |
| 37 |    | 0.68118 | 1.30485 | 1.68709 | 2.02619  | 2.43145  | 2.71541  | 3.32563   |
| 38 |    | 0.68100 | 1.30423 | 1.68595 | 2.02439  | 2.42857  | 2.71156  | 3.31903   |
| 39 |    | 0.68083 | 1.30364 | 1.68488 | 2.02269  | 2.42584  | 2.70791  | 3.31279   |
| 40 |    | 0.68067 | 1.30308 | 1.68385 | 2.02108  | 2.42326  | 2.70446  | 3.30688   |

Catatan: Probabilitas yang lebih kecil yang ditunjukkan pada judul tiap kolom adalah luas daerah dalam satu ujung, sedangkan probabilitas yang lebih besar adalah luas daerah dalam kedua ujung

## Titik Persentase Distribusi t (df = 41 – 80)

| Pr<br>df | 0.25    | 0.10    | 0.05    | 0.025   | 0.01    | 0.005   | 0.001   |
|----------|---------|---------|---------|---------|---------|---------|---------|
|          | 0.50    | 0.20    | 0.10    | 0.050   | 0.02    | 0.010   | 0.002   |
| 41       | 0.68052 | 1.30254 | 1.68288 | 2.01954 | 2.42080 | 2.70118 | 3.30127 |
| 42       | 0.68038 | 1.30204 | 1.68195 | 2.01808 | 2.41847 | 2.69807 | 3.29595 |
| 43       | 0.68024 | 1.30155 | 1.68107 | 2.01669 | 2.41625 | 2.69510 | 3.29089 |
| 44       | 0.68011 | 1.30109 | 1.68023 | 2.01537 | 2.41413 | 2.69228 | 3.28607 |
| 45       | 0.67998 | 1.30065 | 1.67943 | 2.01410 | 2.41212 | 2.68959 | 3.28148 |
| 46       | 0.67986 | 1.30023 | 1.67866 | 2.01290 | 2.41019 | 2.68701 | 3.27710 |
| 47       | 0.67975 | 1.29982 | 1.67793 | 2.01174 | 2.40835 | 2.68456 | 3.27291 |
| 48       | 0.67964 | 1.29944 | 1.67722 | 2.01063 | 2.40658 | 2.68220 | 3.26891 |
| 49       | 0.67953 | 1.29907 | 1.67655 | 2.00958 | 2.40489 | 2.67995 | 3.26508 |
| 50       | 0.67943 | 1.29871 | 1.67591 | 2.00856 | 2.40327 | 2.67779 | 3.26141 |
| 51       | 0.67933 | 1.29837 | 1.67528 | 2.00758 | 2.40172 | 2.67572 | 3.25789 |
| 52       | 0.67924 | 1.29805 | 1.67469 | 2.00665 | 2.40022 | 2.67373 | 3.25451 |
| 53       | 0.67915 | 1.29773 | 1.67412 | 2.00575 | 2.39879 | 2.67182 | 3.25127 |
| 54       | 0.67906 | 1.29743 | 1.67356 | 2.00488 | 2.39741 | 2.66998 | 3.24815 |
| 55       | 0.67898 | 1.29713 | 1.67303 | 2.00404 | 2.39608 | 2.66822 | 3.24515 |
| 56       | 0.67890 | 1.29685 | 1.67252 | 2.00324 | 2.39480 | 2.66651 | 3.24226 |
| 57       | 0.67882 | 1.29658 | 1.67203 | 2.00247 | 2.39357 | 2.66487 | 3.23948 |
| 58       | 0.67874 | 1.29632 | 1.67155 | 2.00172 | 2.39238 | 2.66329 | 3.23680 |
| 59       | 0.67867 | 1.29607 | 1.67109 | 2.00100 | 2.39123 | 2.66176 | 3.23421 |
| 60       | 0.67860 | 1.29582 | 1.67065 | 2.00030 | 2.39012 | 2.66028 | 3.23171 |
| 61       | 0.67853 | 1.29558 | 1.67022 | 1.99962 | 2.38905 | 2.65886 | 3.22930 |
| 62       | 0.67847 | 1.29536 | 1.66980 | 1.99897 | 2.38801 | 2.65748 | 3.22696 |
| 63       | 0.67840 | 1.29513 | 1.66940 | 1.99834 | 2.38701 | 2.65615 | 3.22471 |
| 64       | 0.67834 | 1.29492 | 1.66901 | 1.99773 | 2.38604 | 2.65485 | 3.22253 |
| 65       | 0.67828 | 1.29471 | 1.66864 | 1.99714 | 2.38510 | 2.65360 | 3.22041 |
| 66       | 0.67823 | 1.29451 | 1.66827 | 1.99656 | 2.38419 | 2.65239 | 3.21837 |
| 67       | 0.67817 | 1.29432 | 1.66792 | 1.99601 | 2.38330 | 2.65122 | 3.21639 |
| 68       | 0.67811 | 1.29413 | 1.66757 | 1.99547 | 2.38245 | 2.65008 | 3.21446 |
| 69       | 0.67806 | 1.29394 | 1.66724 | 1.99495 | 2.38161 | 2.64898 | 3.21260 |
| 70       | 0.67801 | 1.29376 | 1.66691 | 1.99444 | 2.38081 | 2.64790 | 3.21079 |
| 71       | 0.67796 | 1.29359 | 1.66660 | 1.99394 | 2.38002 | 2.64686 | 3.20903 |
| 72       | 0.67791 | 1.29342 | 1.66629 | 1.99346 | 2.37926 | 2.64585 | 3.20733 |
| 73       | 0.67787 | 1.29326 | 1.66600 | 1.99300 | 2.37852 | 2.64487 | 3.20567 |
| 74       | 0.67782 | 1.29310 | 1.66571 | 1.99254 | 2.37780 | 2.64391 | 3.20406 |
| 75       | 0.67778 | 1.29294 | 1.66543 | 1.99210 | 2.37710 | 2.64298 | 3.20249 |
| 76       | 0.67773 | 1.29279 | 1.66515 | 1.99167 | 2.37642 | 2.64208 | 3.20096 |
| 77       | 0.67769 | 1.29264 | 1.66488 | 1.99125 | 2.37576 | 2.64120 | 3.19948 |
| 78       | 0.67765 | 1.29250 | 1.66462 | 1.99085 | 2.37511 | 2.64034 | 3.19804 |
| 79       | 0.67761 | 1.29236 | 1.66437 | 1.99045 | 2.37448 | 2.63950 | 3.19663 |
| 80       | 0.67757 | 1.29222 | 1.66412 | 1.99006 | 2.37387 | 2.63869 | 3.19526 |

Catatan: Probabilita yang lebih kecil yang ditunjukkan pada judul tiap kolom adalah luas daerah dalam satu ujung, sedangkan probabilitas yang lebih besar adalah luas daerah dalam kedua ujung