

### Lampiran-lampiran

#### Lampiran 1.

Daftar perusahaan manufaktur sektor tambang yang terdaftar di BEI periode 2013-2018 yang menjadi sampel.

| No. | KODE | Nama Perusahaan               |
|-----|------|-------------------------------|
| 1   | CTTH | Citatah Tbk.                  |
| 2   | ANTM | Aneka Tambang Tbk.            |
| 3   | CITA | Cita Mineral Investindo Tbk.  |
| 4   | TINS | Timah Tbk.                    |
| 5   | ARTI | Ratu Prabu Energi Tbk.        |
| 6   | ELSA | Elnusa Tbk.                   |
| 7   | SMMT | Golden Eagle Energy Tbk.      |
| 8   | PTBA | Bukit Asam Tbk.               |
| 9   | RUIS | Radiant Utama Interinsco Tbk. |

#### Lampiran 2.

##### Hasil Pengolahan Data di Microsoft Excel

| KODE | TAHUN | Y      | X1      | X2       | X3       | X4      |
|------|-------|--------|---------|----------|----------|---------|
| CTTH | 2013  | -5.82  | 31032   | 17,924   | 13,073   | 158,831 |
|      | 2014  | -2.34  | 1,014   | 1,842    | 37,812   | 201,220 |
|      | 2015  | -1.37  | 1,949   | 20,646   | 9,613    | 230,817 |
|      | 2016  | -11.31 | 20,881  | 119,401  | 481,872  | 231,473 |
|      | 2017  | -3.67  | 47,167  | 374,455  | -954,159 | 278,510 |
| ANTM | 2013  | 1.78   | 843,894 | -476,047 | -142,326 | 1,913   |
|      | 2014  | -1.33  | 55,553  | -85,155  | 140,397  | 1,761   |
|      | 2015  | 3.39   | 55,553  | -306,010 | -93,134  | 2,091   |
|      | 2016  | 4.60   | 40,977  | 386,158  | 129,832  | 138,841 |
|      | 2017  | 5.63   | 600,606 | 136,997  | 220,659  | 125,778 |

|      |      |        |         |          |          |         |
|------|------|--------|---------|----------|----------|---------|
| CITA | 2013 | -7.58  | 692,083 | 282,302  | 26,089   | 605,686 |
|      | 2014 | -8.55  | 74,104  | -417,278 | -391,576 | 542,491 |
|      | 2015 | 12.89  | 2,837   | 13,903   | -1,766   | 542,491 |
|      | 2016 | -1.58  | 131,323 | 162,555  | -502,422 | 542,491 |
|      | 2017 | 14.98  | 24,947  | 58,550   | 260,100  | 450,360 |
| TINS | 2013 | -6.57  | 1,058   | 584,618  | 68,418   | 2,461   |
|      | 2014 | 13.90  | 1,368   | 398,174  | 445,565  | 3,384   |
|      | 2015 | 11.42  | 234,765 | -1,008   | -267,897 | 3,102   |
|      | 2016 | -1.28  | 962,967 | -58,000  | 62,279   | 230,924 |
|      | 2017 | -9.48  | 923,508 | 656,819  | 72,018   | 250,948 |
| ARTI | 2013 | 3.81   | 27,899  | -19,380  | -23,058  | 21,422  |
|      | 2014 | -15.61 | 23,121  | -6,508   | -3,492   | 11,855  |
|      | 2015 | 0.97   | 4,398   | -49,252  | -20,901  | 11,473  |
|      | 2016 | 8.30   | 92,412  | 37,069   | 107,288  | 11,473  |
|      | 2017 | 4.89   | 368,390 | -168,046 | -419,330 | 147,282 |
| ELSA | 2013 | 9.91   | 431,795 | -160,588 | -62,828  | 102,555 |
|      | 2014 | 9.63   | 701,310 | -27,478  | -631     | 114,830 |
|      | 2015 | 10.67  | 513,021 | -140,446 | -69,209  | 127,890 |
|      | 2016 | 8.14   | 716,837 | -761,150 | 11,460   | 130,532 |
|      | 2017 | 6.09   | 336,809 | 734,640  | 308,083  | 965,080 |
| RUIS | 2013 | 4.96   | 63,109  | 16,079   | 8,284    | 14,440  |
|      | 2014 | 22.50  | 100,122 | 86,910   | 9,210    | 12,656  |
|      |      |        |         |          |          |         |

|      |      |       |         |          |          |         |
|------|------|-------|---------|----------|----------|---------|
|      | 2015 | 16.29 | 98,780  | -101,101 | -11,492  | 10,617  |
|      | 2016 | 3.27  | 836,342 | 869,104  | -147,072 | 700,828 |
|      | 2017 | 2.37  | 569,054 | 501,410  | 646,924  | 638,618 |
| PTBA | 2013 | 13.34 | 3,068   | -117,984 | 322,103  | 901,952 |
|      | 2014 | 12.41 | 2,728   | 11,829   | 73,626   | 1,033   |
|      | 2015 | 10.38 | 3,390   | 84,818   | 19,676   | 1,142   |
|      | 2016 | 10.99 | 273,379 | 689,485  | -109,214 | 110,228 |
|      | 2017 | 32.55 | 610,162 | 305,864  | 832,479  | 115,601 |
| SMMT | 2013 | 5.84  | 21,359  | -7,205   | -786,800 | 12,989  |
|      | 2014 | -3.25 | 3,749   | 5,963    | 94,213   | 26,085  |
|      | 2015 | -4.28 | 222,465 | -3,729   | 2,670    | 13,973  |
|      | 2016 | -1.30 | 407,898 | -372,946 | 154,922  | 298,299 |
|      | 2017 | 6.39  | 668,421 | 695,102  | -704,681 | 267,084 |

Lampiran 3.

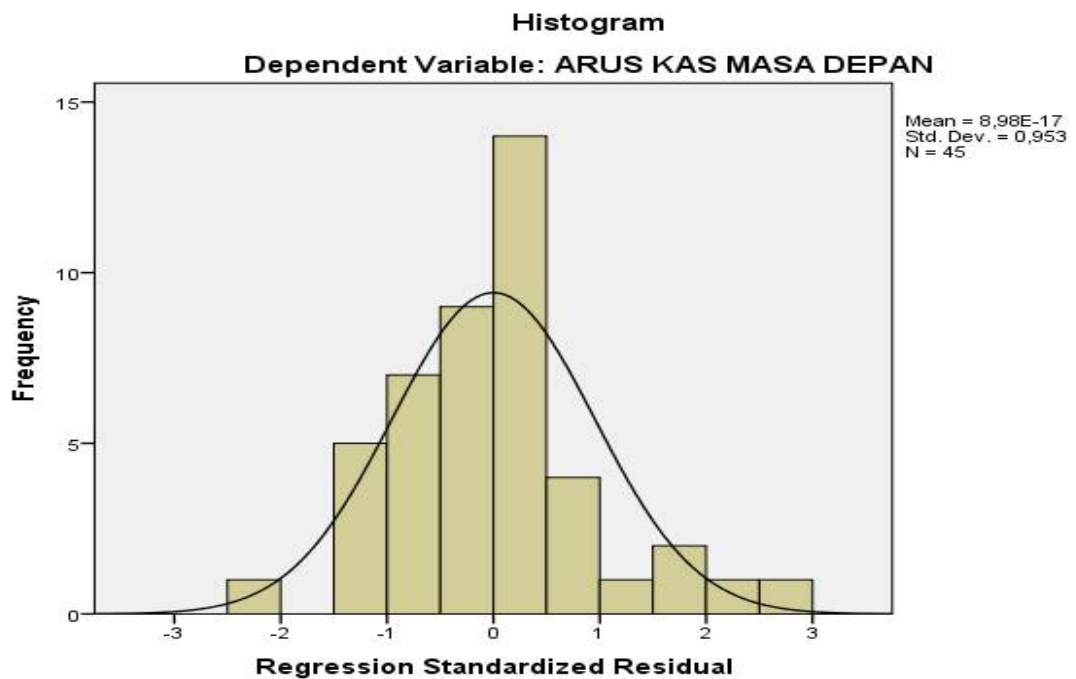
Statistics Deskripsi

**Descriptive Statistics**

|                         | N  | Minimum    | Maximum   | Mean        | Std. Deviation |
|-------------------------|----|------------|-----------|-------------|----------------|
| ARUS KAS MASA DEPAN     | 45 | -11,31     | 32,55     | 4,9736      | 7,99055        |
| LABA BERSIH             | 45 | 1014,00    | 962967,00 | 263280,0889 | 308012,71147   |
| PERUBAHAN PIUTANG USAHA | 45 | -761150,00 | 869104,00 | 88295,6889  | 335541,22461   |
| PERUBAHAN UTANG USAHA   | 45 | -954159,00 | 832479,00 | -3407,1778  | 327236,30691   |
| PERUBAHAN PERSEDIAAN    | 45 | 1033,00    | 965080,00 | 207011,3333 | 253907,20237   |
| Valid N (listwise)      | 45 |            |           |             |                |

Lampiran 4.

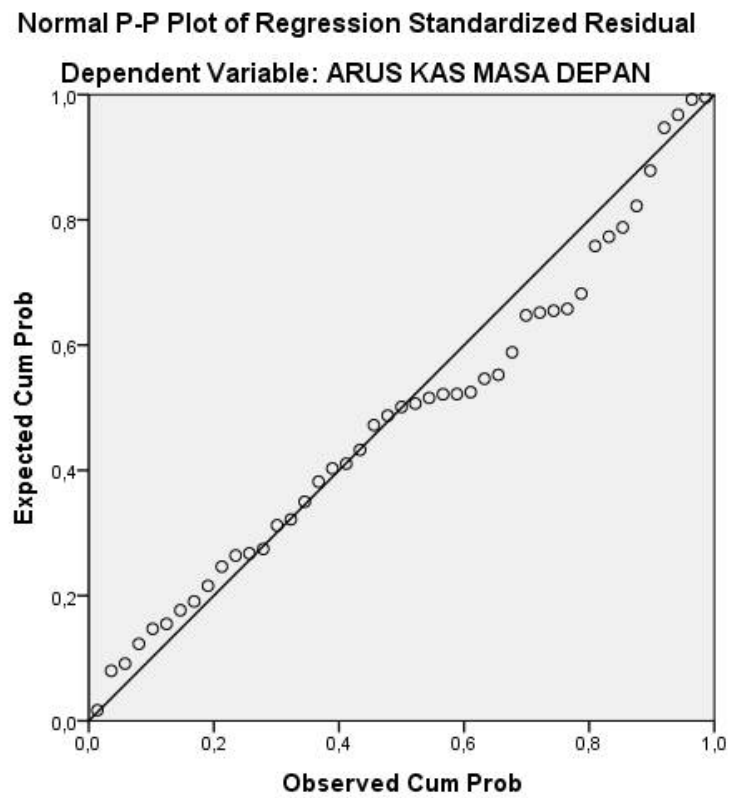
Grafik Histogram



Sumber : Output SPSS 23, data diolah, 2020

Lampiran 5.

### Grafik Normal Probability Plot



Sumber : Output SPSS 23, data diolah, 2020

Lampiran 6.

Uji Normalitas Kolmogorov-Smirnov Test

**One-Sample Kolmogorov-Smirnov Test**

|                                  |                             | Unstandardized<br>Residual |
|----------------------------------|-----------------------------|----------------------------|
| N                                |                             | 45                         |
| Normal Parameters <sup>a,b</sup> | Mean                        | ,0000000                   |
|                                  | Std.<br>Deviation           | 7,10182785                 |
|                                  | Most Extreme<br>Differences |                            |
|                                  | Absolute                    | ,113                       |
|                                  | Positive                    | ,113                       |
|                                  | Negative                    | -,048                      |
| Kolmogorov-Smirnov Z             |                             | ,756                       |
| Asymp. Sig. (2-tailed)           |                             | ,618                       |

a. Test distribution is Normal.

b. Calculated from data.

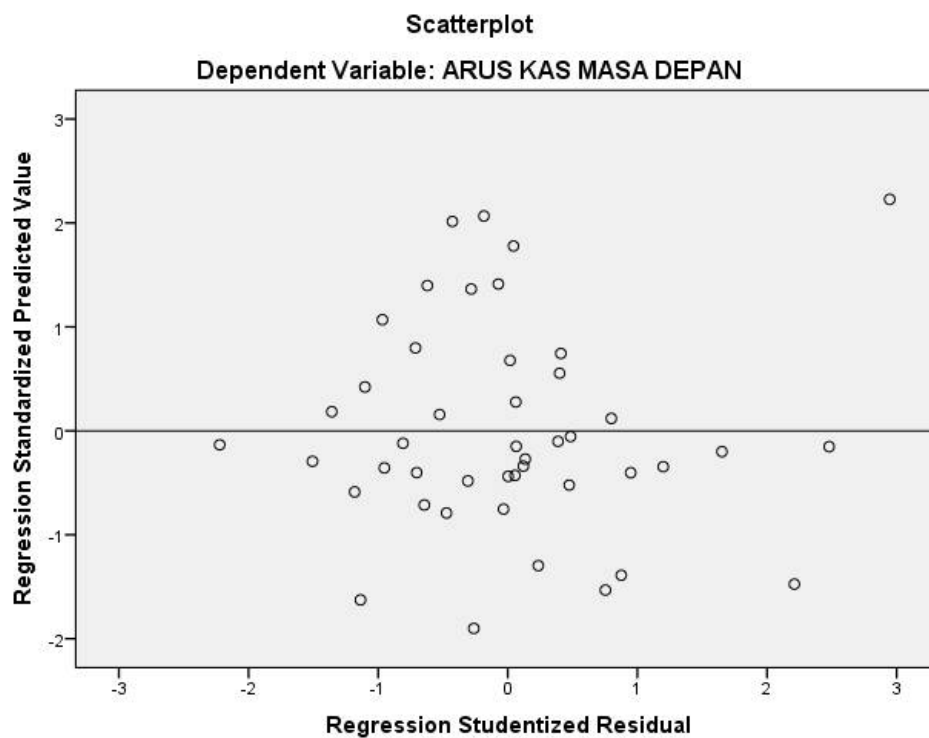
Sumber : Output SPSS 23, data diolah, 2020.

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

| Model                   | Collinearity Statistics |       |
|-------------------------|-------------------------|-------|
|                         | Tolerance               | VIF   |
| (Constant)              |                         |       |
| LABA BERSIH             | .956                    | 1.046 |
| PERUBAHAN PIUTANG USAHA | .898                    | 1.114 |
| PERUBAHAN UTANG USAHA   | .987                    | 1.013 |
| PERUBAHAN PERSEDIAAN    | .873                    | 1.145 |

a. Dependent Variable: ARUS KAS MASA DEPAN

Sumber : Output SPSS 23, data diolah, 2020.



Sumber : Output SPSS 23, data diolah, 2020.

Lampiran 9.

Uji Autokorelasi

**Model Summary<sup>b</sup>**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|-------|-------------------|----------|-------------------|----------------------------|---------------|
| 1     | ,458 <sup>a</sup> | ,210     | ,131              | 7,44846                    | 1,234         |

a. Predictors: (Constant), PERUBAHAN PERSEDIAAN, PERUBAHAN UTANG USAHA, LABA BERSIH, PERUBAHAN PIUTANG USAHA

b. Dependent Variable: ARUS KAS MASA DEPAN

**Runs Test**

|                         | Unstandardized Residual |
|-------------------------|-------------------------|
| Test Value <sup>a</sup> | ,02239                  |
| Cases < Test Value      | 22                      |
| Cases >= Test Value     | 23                      |
| Total Cases             | 45                      |
| Number of Runs          | 22                      |
| Z                       | -,298                   |
| Asymp. Sig. (2-tailed)  | ,765                    |

a. Median

Sumber : Output SPSS 23, data diolah, 2020.



Lampiran 10.

Tabel 4. 11  
Analisis Regresi Berganda

| <b>Coefficients<sup>a</sup></b> |                         |                             |            |                           |             |
|---------------------------------|-------------------------|-----------------------------|------------|---------------------------|-------------|
| Model                           |                         | Unstandardized Coefficients |            | Standardized Coefficients |             |
|                                 |                         | B                           | Std. Error | Beta                      |             |
| 1                               | (Constant)              | 3,343                       | 1,650      |                           | 2,026 ,049  |
|                                 | LABA BERSIH             | 1,067                       | ,000       | ,411                      | 2,863 ,007  |
|                                 | PERUBAHAN PIUTANG USAHA | 4,206                       | ,000       | ,018                      | ,119 ,906   |
|                                 | PERUBAHAN UTANG USAHA   | 4,586                       | ,000       | ,188                      | 1,328 ,192  |
|                                 | PERUBAHAN PERSEDIAAN    | -5,801                      | ,000       | -,184                     | -1,226 ,227 |

a. Dependent Variable: ARUS KAS MASA DEPAN

Sumber : Output SPSS 23, data diolah, 2020.

Lampiran 11.

Koefisien Determinasi (R<sup>2</sup>)

| <b>Model Summary<sup>b</sup></b> |                   |          |                   |                            |               |
|----------------------------------|-------------------|----------|-------------------|----------------------------|---------------|
| Model                            | R                 | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
| 1                                | ,458 <sup>a</sup> | ,210     | ,131              | 7,44846                    | 1,234         |

a. Predictors: (Constant), PERUBAHAN PERSEDIAAN, PERUBAHAN UTANG USAHA, LABA BERSIH, PERUBAHAN PIUTANG USAHA

b. Dependent Variable: ARUS KAS MASA DEPAN

Lampiran 12.

Uji Parsial

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

| Model                   | Unstandardized Coefficients |            | Standardized Coefficients | t      | Sig. |
|-------------------------|-----------------------------|------------|---------------------------|--------|------|
|                         | B                           | Std. Error | Beta                      |        |      |
| 1 (Constant)            | 3,343                       | 1,650      |                           | 2,026  | ,049 |
| LABA BERSIH             | 1,067                       | ,000       | ,411                      | 2,863  | ,007 |
| PERUBAHAN PIUTANG USAHA | 4,206                       | ,000       | ,018                      | ,119   | ,906 |
| PERUBAHAN UTANG USAHA   | 4,586                       | ,000       | ,188                      | 1,328  | ,192 |
| PERUBAHAN PERSEDIAAN    | -5,801                      | ,000       | -,184                     | -1,226 | ,227 |

a. Dependent Variable: ARUS KAS MASA DEPAN

Lampiran 13.

Uji Simultan

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

| Model        | Sum of Squares | Df | Mean Square | F     | Sig.              |
|--------------|----------------|----|-------------|-------|-------------------|
| 1 Regression | 590,168        | 4  | 147,542     | 2,659 | ,047 <sup>b</sup> |
| Residual     | 2219,182       | 40 | 55,480      |       |                   |
| Total        | 2809,350       | 44 |             |       |                   |

a. Dependent Variable: ARUS KAS MASA DEPAN

b. Predictors: (Constant), PERUBAHAN PERSEDIAAN, PERUBAHAN UTANG USAHA, LABA BERSIH, PERUBAHAN PIUTANG USAHA

Sumber : Output SPSS 23, data diolah, 2020.