**Lampiran 01. Data Penelitian**

**Arus Kas Operasi**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tahun** | **Bulan** | **Total Penerimaan Kas Aktivitas Operasi** | **Kewajiban Lancar** | **Arus Kas Operasi** |
| **(1)** | **(2)** | **(1:2)** |
| 2017 | Januari | 56,367,551 | 45,762,167 | 1.23175 |
| Februari | 75,635,461 | 43,267,465 | 1.748091 |
| Maret | 67,354,166 | 67,176,552 | 1.002644 |
| April | 76,536,571 | 67,254,221 | 1.138019 |
| Mei | 87,367,117 | 48,375,411 | 1.806023 |
| Juni | 56,276,155 | 45,276,443 | 1.242946 |
| Juli | 67,365,355 | 32,165,477 | 2.094337 |
| Agustus | 78,176,431 | 34,677,165 | 2.254407 |
| September | 89,477,266 | 45,267,113 | 1.976651 |
| Oktober | 57,376,256 | 23,576,776 | 2.433592 |
| November | 45,376,476 | 16,476,366 | 2.754034 |
| Desember | 56,776,365 | 34,376,244 | 1.651616 |
| 2018 | Januari | 76,267,354 | 45,476,576 | 1.677069 |
| Februari | 56,365,552 | 32,355,165 | 1.742088 |
| Maret | 78,576,255 | 34,762,551 | 2.260371 |
| April | 67,551,165 | 43,676,223 | 1.546635 |
| Mei | 56,476,155 | 23,576,442 | 2.395449 |
| Juni | 76,452,576 | 45,376,556 | 1.684847 |
| Juli | 88,376,155 | 34,762,575 | 2.542279 |
| Agustus | 44,322,576 | 25,376,554 | 1.746596 |
| September | 45,367,352 | 22,576,771 | 2.00947 |
| Oktober | 76,365,541 | 23,676,224 | 3.22541 |
| November | 56,467,254 | 32,576,223 | 1.733389 |
| Desember | 45,377,775 | 24,677,221 | 1.838853 |
| 2019 | Januari | 77,265,476 | 45,463,476 | 1.699507 |
| Februari | 67,356,266 | 34,677,149 | 1.942382 |
| Maret | 45,377,277 | 45,672,911 | 0.993527 |
| April | 77,476,221 | 56,376,971 | 1.374253 |
| Mei | 66,334,761 | 23,476,211 | 2.825616 |
| Juni | 79,476,113 | 45,376,115 | 1.751497 |
| Juli | 56,476,223 | 32,476,165 | 1.739005 |
| Agustus | 81,366,567 | 23,676,322 | 3.436622 |
| September | 91,365,667 | 56,776,356 | 1.60922 |
| Oktober | 69,376,912 | 24,761,444 | 2.801812 |
| November | 76,367,522 | 45,762,332 | 1.668786 |
| Desember | 69,337,266 | 34,677,223 | 1.999505 |
| **Total** | | **2,439,627,151** | **1,361,693,156** | **70** |
| **Rata-Rata** | | **67767420.86** | **37824809.89** | **1.93273** |

**Laba Bersih**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Tahun** | **Bulan** | ***Gross Profit*** | ***Operating Expenses*** | ***Tax Expense*** | **Laba Bersih** |
| **(1)** | **(2)** | **(3)** | **(1-2-3)** |
| 2017 | Januari | 113,267,166 | 56,376,443 | 17,676,112 | 39,214,611 |
| Februari | 142,576,322 | 43,277,445 | 25,276,332 | 74,022,545 |
| Maret | 124,761,467 | 67,365,332 | 20,467,221 | 36,928,914 |
| April | 113,576,144 | 45,376,221 | 16,365,667 | 51,834,256 |
| Mei | 137,651,552 | 76,367,332 | 23,332,556 | 37,951,664 |
| Juni | 112,576,332 | 56,376,112 | 15,476,225 | 40,723,995 |
| Juli | 156,477,476 | 67,475,223 | 20,576,366 | 68,425,887 |
| Agustus | 115,276,441 | 67,576,334 | 17,663,551 | 30,036,556 |
| September | 112,476,553 | 45,777,442 | 15,476,334 | 51,222,777 |
| Oktober | 125,776,335 | 65,376,337 | 20,566,112 | 39,833,886 |
| November | 167,466,334 | 67,476,332 | 26,476,331 | 73,513,671 |
| Desember | 117,467,562 | 56,476,225 | 15,476,112 | 45,515,225 |
| 2018 | Januari | 125,376,225 | 73,276,113 | 20,465,177 | 31,634,935 |
| Februari | 112,576,334 | 47,476,223 | 15,775,331 | 49,324,780 |
| Maret | 136,476,445 | 56,376,255 | 24,377,341 | 55,722,849 |
| April | 143,376,112 | 76,365,234 | 25,376,112 | 41,634,766 |
| Mei | 117,663,189 | 45,476,335 | 16,476,221 | 55,710,633 |
| Juni | 167,476,224 | 45,476,263 | 27,663,229 | 94,336,732 |
| Juli | 121,676,221 | 67,476,223 | 17,476,335 | 36,723,663 |
| Agustus | 132,576,113 | 54,576,663 | 24,376,113 | 53,623,337 |
| September | 126,476,367 | 59,277,554 | 25,376,135 | 41,822,678 |
| Oktober | 143,376,227 | 71,266,445 | 26,376,335 | 45,733,447 |
| November | 167,366,887 | 54,226,338 | 27,677,224 | 85,463,325 |
| Desember | 126,339,554 | 47,331,556 | 24,766,331 | 54,241,667 |
| 2019 | Januari | 165,377,224 | 76,366,389 | 27,763,114 | 61,247,721 |
| Februari | 124,676,554 | 67,476,223 | 19,337,761 | 37,862,570 |
| Maret | 137,576,443 | 58,366,446 | 23,761,224 | 55,448,773 |
| April | 117,476,336 | 45,762,447 | 15,377,461 | 56,336,428 |
| Mei | 165,373,443 | 57,255,332 | 26,476,113 | 81,641,998 |
| Juni | 134,698,244 | 64,661,557 | 25,477,113 | 44,559,574 |
| Juli | 115,761,567 | 56,765,761 | 14,673,556 | 44,322,250 |
| Agustus | 117,477,338 | 67,456,376 | 16,476,113 | 33,544,849 |
| September | 168,476,114 | 56,267,113 | 29,261,993 | 82,947,008 |
| Oktober | 134,576,221 | 59,376,115 | 24,176,223 | 51,023,883 |
| November | 127,665,443 | 61,377,698 | 23,576,115 | 42,711,630 |
| Desember | 124,677,543 | 62,576,331 | 20,567,452 | 41,533,760 |
| **Total** | | **4,793,918,052** | **2,147,605,768** | **777,935,041** | **1,868,377,243** |
| **Rata-Rata** | | **133164390.3** | **59655715.78** | **21609306.69** | **51899367.86** |

**Likuiditas**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tahun** | **Bulan** | **Total Aktiva Lancar** | **Kewajiban Lancar** | **Likuiditas** |
| **(1)** | **(2)** | **(1:2)** |
| 2017 | Januari | 98,724,671 | 45,762,167 | 2.157343 |
| Februari | 89,765,331 | 43,267,465 | 2.074661 |
| Maret | 112,576,567 | 67,176,552 | 1.675831 |
| April | 88,276,116 | 67,254,221 | 1.312574 |
| Mei | 76,377,551 | 48,375,411 | 1.578851 |
| Juni | 93,276,114 | 45,276,443 | 2.060147 |
| Juli | 117,546,336 | 32,165,477 | 3.654425 |
| Agustus | 94,762,167 | 34,677,165 | 2.732696 |
| September | 99,367,113 | 45,267,113 | 2.195128 |
| Oktober | 93,476,558 | 23,576,776 | 3.964773 |
| November | 89,336,336 | 16,476,366 | 5.42209 |
| Desember | 98,476,224 | 34,376,244 | 2.864659 |
| **Total** | | **1,151,961,084** | **503,651,400** | **32** |
| **Rataan** | | **95996757** | **41970950** | **2.641098** |
| 2018 | Januari | 99,476,223 | 45,476,576 | 2.187417 |
| Februari | 110,476,119 | 32,355,165 | 3.414482 |
| Maret | 97,476,255 | 34,762,551 | 2.804059 |
| April | 89,442,773 | 43,676,223 | 2.04786 |
| Mei | 97,476,114 | 23,576,442 | 4.134471 |
| Juni | 92,476,984 | 45,376,556 | 2.03799 |
| Juli | 89,476,446 | 34,762,575 | 2.57393 |
| Agustus | 89,477,113 | 25,376,554 | 3.525976 |
| September | 97,476,115 | 22,576,771 | 4.31754 |
| Oktober | 99,557,229 | 23,676,224 | 4.204945 |
| November | 91,557,228 | 32,576,223 | 2.810554 |
| Desember | 89,673,446 | 24,677,221 | 3.633855 |
| **Total** | | **1,144,042,045** | **388,869,081** | **38** |
| **Rataan** | | **95336837.08** | **32405756.75** | **3.14109** |
| 2019 | Januari | 95,576,224 | 45,463,476 | 2.102264 |
| Februari | 89,442,766 | 34,677,149 | 2.5793 |
| Maret | 96,476,113 | 45,672,911 | 2.112327 |
| April | 89,552,576 | 56,376,971 | 1.58846 |
| Mei | 87,376,226 | 23,476,211 | 3.721905 |
| Juni | 99,571,339 | 45,376,115 | 2.194356 |
| Juli | 95,576,116 | 32,476,165 | 2.942962 |
| Agustus | 95,476,116 | 23,676,322 | 4.032557 |
| September | 98,577,224 | 56,776,356 | 1.736237 |
| Oktober | 99,446,276 | 24,761,444 | 4.016174 |
| November | 86,334,766 | 45,762,332 | 1.88659 |
| Desember | 98,556,267 | 34,677,223 | 2.842104 |
| **Total** | | **1,131,962,009** | **469,172,675** | **32** |
| **Rataan** | | **94330167.42** | **39097722.92** | **2.64627** |

**Lampiran 02. Hasil Output SPSS**

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL CHANGE ZPP

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Y

/METHOD=ENTER X1 X2

/SCATTERPLOT=(\*ZRESID ,\*ZPRED)

/RESIDUALS DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)

/CASEWISE PLOT(ZRESID) ALL

/SAVE RESID.

**Regression**

|  |  |  |
| --- | --- | --- |
| **Notes** | | |
| Output Created | | 05-OCT-2021 21:54:12 |
| Comments | |  |
| Input | Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 36 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA COLLIN TOL CHANGE ZPP  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT Y  /METHOD=ENTER X1 X2  /SCATTERPLOT=(\*ZRESID ,\*ZPRED)  /RESIDUALS DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)  /CASEWISE PLOT(ZRESID) ALL  /SAVE RESID. |
| Resources | Processor Time | 00:00:00.70 |
| Elapsed Time | 00:00:01.98 |
| Memory Required | 1644 bytes |
| Additional Memory Required for Residual Plots | 904 bytes |
| Variables Created or Modified | RES\_1 | Unstandardized Residual |

[DataSet1]

|  |  |  |  |
| --- | --- | --- | --- |
| **Descriptive Statistics** | | | |
|  | Mean | Std. Deviation | N |
| Likuiditas | 2.8095 | .98121 | 36 |
| Arus Kas Operasi | 1.9327 | .57884 | 36 |
| Laba Bersih | 51899367.86 | 16267954.083 | 36 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Correlations** | | | | |
|  | | Likuiditas | Arus Kas Operasi | Laba Bersih |
| Pearson Correlation | Likuiditas | 1.000 | .749 | .067 |
| Arus Kas Operasi | .749 | 1.000 | -.004 |
| Laba Bersih | .067 | -.004 | 1.000 |
| Sig. (1-tailed) | Likuiditas | . | .000 | .348 |
| Arus Kas Operasi | .000 | . | .492 |
| Laba Bersih | .348 | .492 | . |
| N | Likuiditas | 36 | 36 | 36 |
| Arus Kas Operasi | 36 | 36 | 36 |
| Laba Bersih | 36 | 36 | 36 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | Laba Bersih, Arus Kas Operasib | . | Enter |
| a. Dependent Variable: Likuiditas | | | |
| b. All requested variables entered. | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model Summaryb** | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|
| 1 | .752a | .566 | .540 | .66576 | 1.924 |
| a. Predictors: (Constant), Laba Bersih, Arus Kas Operasi | | | | | |
| b. Dependent Variable: Likuiditas | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 19.070 | 2 | 9.535 | 21.513 | .000b |
| Residual | 14.627 | 33 | .443 |  |  |
| Total | 33.697 | 35 |  |  |  |
| a. Dependent Variable: Likuiditas | | | | | | |
| b. Predictors: (Constant), Laba Bersih, Arus Kas Operasi | | | | | | |

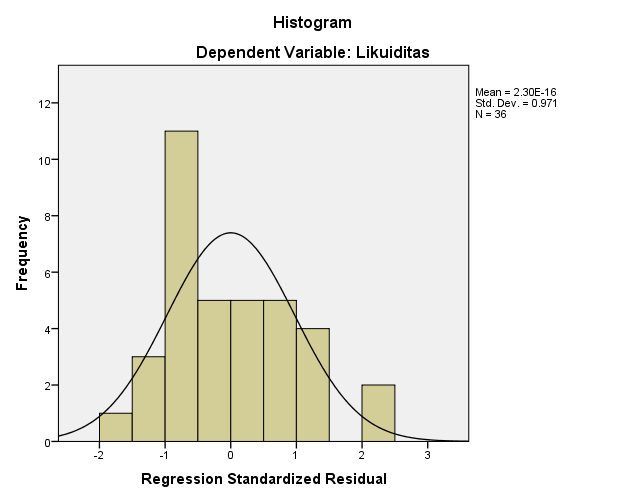
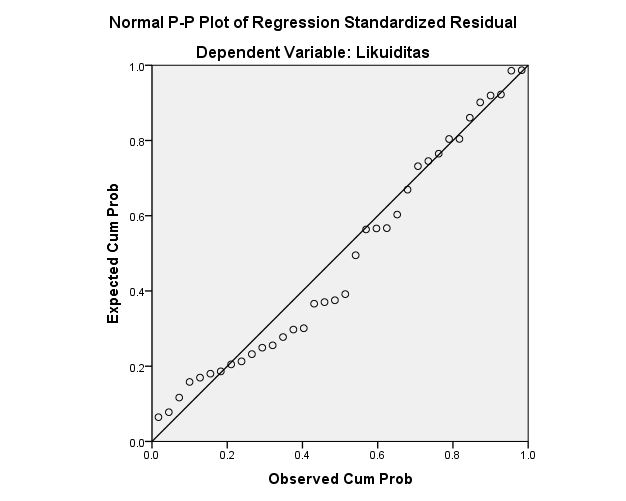
|  |  |  |  |
| --- | --- | --- | --- |
| **Coefficientsa** | | | |
| Model | | Collinearity Statistics | | |
| Tolerance | VIF | |
| 1 | (Constant) |  |  | |
| Arus Kas Operasi | 1.000 | 1.000 | |
| Laba Bersih | 1.000 | 1.000 | |
| a. Dependent Variable: Likuiditas | | | |

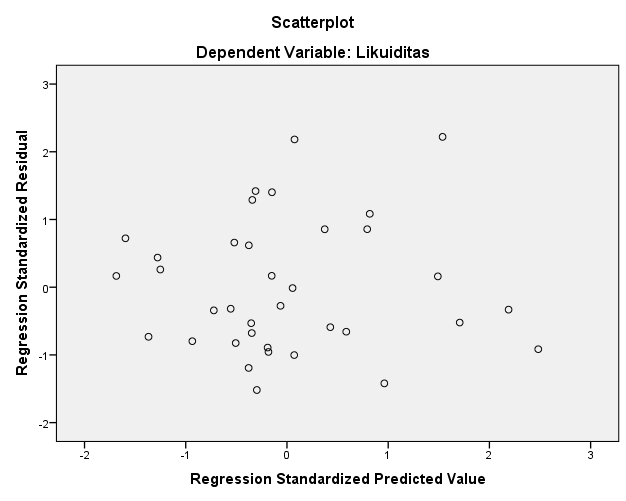
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | .135 | .532 |  | .254 | .801 |
| Arus Kas Operasi | 1.270 | .194 | .749 | 6.533 | .000 |
| Laba Bersih | 4.228E-009 | .000 | .070 | .611 | .545 |
| a. Dependent Variable: Likuiditas | | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Collinearity Diagnosticsa** | | | | | | |
| Model | Dimension | Eigenvalue | Condition Index | Variance Proportions | | |
| (Constant) | Arus Kas Operasi | Laba Bersih |
| 1 | 1 | 2.887 | 1.000 | .01 | .01 | .01 |
| 2 | .084 | 5.860 | .00 | .46 | .54 |
| 3 | .029 | 10.011 | .99 | .54 | .45 |
| a. Dependent Variable: Likuiditas | | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Residuals Statisticsa** | | | | | |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 1.5649 | 4.6420 | 2.8095 | .73815 | 36 |
| Residual | -1.01074 | 1.47809 | .00000 | .64646 | 36 |
| Std. Predicted Value | -1.686 | 2.483 | .000 | 1.000 | 36 |
| Std. Residual | -1.518 | 2.220 | .000 | .971 | 36 |
| a. Dependent Variable: Likuiditas | | | | | |

**Charts**





|  |  |  |
| --- | --- | --- |
| **One-Sample Kolmogorov-Smirnov Test** | | |
|  | | Unstandardized Residual |
| N | | 36 |
| Normal Parametersa,b | Mean | 0E-7 |
| Std. Deviation | .64645906 |
| Most Extreme Differences | Absolute | .139 |
| Positive | .139 |
| Negative | -.068 |
| Kolmogorov-Smirnov Z | | .836 |
| Asymp. Sig. (2-tailed) | | .487 |
| a. Test distribution is Normal. | | |
| b. Calculated from data. | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** | | | | | | | |
|  | N | Range | Minimum | Maximum | Mean | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Statistic | Std. Error | Statistic |
| Arus Kas Operasi | 36 | 2.44 | .99 | 3.44 | 1.9327 | .09647 | .57884 |
| Laba Bersih | 36 | 64300176 | 30036556 | 94336732 | 51899367.86 | 2711325.681 | 16267954.083 |
| Likuiditas | 36 | 4.11 | 1.31 | 5.42 | 2.8095 | .16354 | .98121 |
| Valid N (listwise) | 36 |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **df untuk** |  |  |  |  |  |  | **df untuk pembilang (N1)** | | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **penyebut** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **(N2)** | **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 |

**Lampiran 03. Tabel Distribusi F**

**Lampiran 04. Tabel Distribusi T**

**TABEL DISTRIBUSI T**

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pr** | **0.25** | **0.10** | **0.05** | **0.025** | **0.01** | **0.005** | **0.001** |
| **df** | **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 |