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LAMPIRAN

LAMPIRAN 1 TABULASI DATA TAHUN 2019-2022

VARIABEL *PRICE EARNING RATIO* (PER) TAHUN 2019

| No | Kode | Harga Saham (Rp) | Laba per Lembar Saham (EPS) | PER |
|----|------|------------------|-----------------------------|----------|
| 1 | ADHI | 1,167 | 186 | 6.2742 |
| 2 | BIPP | 50 | 0.27 | 185.1852 |
| 3 | BCIP | 64 | 15.47 | 4.1370 |
| 4 | BSDE | 1,255 | 147 | 8.5374 |
| 5 | BUKK | 1,400 | 179.56 | 7.7968 |
| 6 | CTRA | 1,040 | 62 | 16.7742 |
| 7 | DMAS | 296 | 27.7 | 10.6859 |
| 8 | DUTI | 5,000 | 596.14 | 8.3873 |
| 9 | GPRA | 76 | 11.44 | 6.6434 |
| 10 | JRPT | 600 | 73.95 | 8.1136 |
| 11 | KIJA | 292 | 5.71 | 51.1384 |
| 12 | MKPI | 16,200 | 655.95 | 24.6970 |
| 13 | MTLA | 580 | 63.62 | 9.1166 |
| 14 | NRCA | 384 | 41 | 9.3659 |
| 15 | NZIA | 820 | 1.79 | 458.1006 |
| 16 | PBSA | 700 | 9.05 | 77.3481 |
| 17 | POLI | 1,490 | 29.21 | 51.0099 |
| 18 | PPRE | 240 | 32 | 7.5000 |
| 19 | PPRO | 68 | 4.24 | 16.0377 |
| 20 | PTPP | 1,585 | 132 | 12.0076 |
| 21 | PWON | 570 | 56.47 | 10.0939 |
| 22 | RDTX | 5,550 | 865.97 | 6.4090 |
| 23 | REAL | 400 | 0.52 | 769.2308 |
| 24 | SMDM | 119 | 5.27 | 22.5806 |
| 25 | SMRA | 1,005 | 35.7 | 28.1513 |
| 26 | TOTL | 426 | 51.53 | 8.2670 |
| 27 | WIKA | 1,990 | 254.74 | 7.8119 |
| 28 | WEGE | 306 | 47.19 | 6.4844 |

VARIABEL PRICE EARNING RATIO (PER) TAHUN 2020

| No | Kode | Harga Saham (Rp) | Laba per Lembar Saham (EPS) | PER |
|----|------|------------------|-----------------------------|------------|
| 1 | ADHI | 1,535 | 7 | 219.2857 |
| 2 | BIPP | 50 | 10.01 | 4.9950 |
| 3 | BCIP | 75 | 7.92 | 9.4697 |
| 4 | BSDE | 1,225 | 14.12 | 86.7564 |
| 5 | BUKK | 1,105 | 155.58 | 7.1025 |
| 6 | CTRA | 985 | 71 | 13.8732 |
| 7 | DMAS | 246 | 27.96 | 8.7983 |
| 8 | DUTI | 3,800 | 288.5 | 13.1716 |
| 9 | GPRA | 75 | 6.96 | 10.7759 |
| 10 | JRPT | 600 | 74.4 | 8.0645 |
| 11 | KIJA | 214 | -2.31 | (92.6407) |
| 12 | MKPI | 28,000 | 243.91 | 114.7964 |
| 13 | MTLA | 430 | 35.57 | 12.0888 |
| 14 | NRCA | 378 | 23 | 16.4348 |
| 15 | NZIA | 180 | 1.42 | 126.7606 |
| 16 | PBSA | 595 | 28.75 | 20.6957 |
| 17 | POLI | 800 | 8.67 | 92.2722 |
| 18 | PPRE | 262 | 6 | 43.6667 |
| 19 | PPRO | 94 | 1.86 | 50.5376 |
| 20 | PTPP | 1,865 | 27 | 69.0741 |
| 21 | PWON | 510 | 19.31 | 26.4112 |
| 22 | RDTX | 5,250 | 878.3 | 5.9775 |
| 23 | REAL | 50 | 0.15 | 333.3333 |
| 24 | SMDM | 103 | -0.17 | (605.8824) |
| 25 | SMRA | 840 | 12.47 | 67.3617 |
| 26 | TOTL | 327 | 31.93 | 10.2412 |
| 27 | WIKA | 1,985 | 20.71 | 95.8474 |
| 28 | WEGE | 256 | 16.01 | 15.9900 |

VARIABEL PRICE EARNING RATIO (PER) TAHUN 2021

| No | Kode | Harga Saham (Rp) | Laba per Lembar Saham (EPS) | PER |
|----|------|------------------|-----------------------------|-----------|
| 1 | ADHI | 895 | 15.50 | 57.7419 |
| 2 | BIPP | 55 | -1.25 | (44) |
| 3 | BCIP | 92 | -1.09 | (84.4037) |
| 4 | BSDE | 1,010 | 64.49 | 15.6613 |
| 5 | BUKK | 1,205 | 181.02 | 6.6567 |
| 6 | CTRA | 970 | 94 | 10.3191 |
| 7 | DMAS | 191 | 14.83 | 12.8793 |
| 8 | DUTI | 3,390 | 356.7 | 9.5038 |
| 9 | GPRA | 87 | 12.11 | 7.1841 |
| 10 | JRPT | 520 | 70.89 | 7.3353 |
| 11 | KIJA | 166 | -0.25 | (664) |
| 12 | MKPI | 24,925 | 342.5 | 72.7737 |
| 13 | MTLA | 460 | 48.6 | 9.4650 |
| 14 | NRCA | 290 | 21 | 13.8095 |
| 15 | NZIA | 157 | 1.43 | 109.7902 |
| 16 | PBSA | 730 | 55.73 | 13.0989 |
| 17 | POLI | 1,475 | 17.83 | 82.7257 |
| 18 | PPRE | 174 | 7.52 | 23.1383 |
| 19 | PPRO | 58 | 0.35 | 165.7143 |
| 20 | PTPP | 990 | 43 | 23.0233 |
| 21 | PWON | 464 | 28.71 | 16.1616 |
| 22 | RDTX | 6,700 | 728.45 | 9.1976 |
| 23 | REAL | 90 | 0.19 | 473.6842 |
| 24 | SMDM | 196 | 21.17 | 9.2584 |
| 25 | SMRA | 835 | 20.82 | 40.1057 |
| 26 | TOTL | 327 | 29.82 | 10.9658 |
| 27 | WIKA | 1,105 | 13.12 | 84.2226 |
| 28 | WEGE | 190 | 22.34 | 8.5049 |

VARIABEL PRICE EARNING RATIO (PER) TAHUN 2022

| No | Kode | Harga Saham (Rp) | Laba per Lembar Saham (EPS) | PER |
|----|------|------------------|-----------------------------|------------|
| 1 | ADHI | 484 | 17.67 | 27.3911 |
| 2 | BIPP | 51 | -0.14 | (364.2857) |
| 3 | BCIP | 68 | 10.88 | 6.2500 |
| 4 | BSDE | 920 | 116.34 | 7.9079 |
| 5 | BUKK | 1,125 | 170.62 | 6.5936 |
| 6 | CTRA | 940 | 101 | 9.3069 |
| 7 | DMAS | 159 | 25.26 | 6.2945 |
| 8 | DUTI | 4,140 | 404.08 | 10.2455 |
| 9 | GPRA | 99 | 17.65 | 5.6091 |
| 10 | JRPT | 500 | 65.17 | 7.6722 |
| 11 | KIJA | 146 | 3.12 | 46.7949 |
| 12 | MKPI | 39,000 | 739.68 | 52.7255 |
| 13 | MTLA | 386 | 51.64 | 7.4748 |
| 14 | NRCA | 302 | 31 | 9.7419 |
| 15 | NZIA | 354 | 0.69 | 513.0435 |
| 16 | PBSA | 304 | 44.56 | 6.8223 |
| 17 | POLI | 805 | 77.12 | 10.4383 |
| 18 | PPRE | 124 | 9.85 | 12.5888 |
| 19 | PPRO | 50 | 0.34 | 147.0588 |
| 20 | PTPP | 715 | 44 | 16.2500 |
| 21 | PWON | 456 | 31.95 | 14.2723 |
| 22 | RDTX | 9,275 | 1007.50 | 9.2060 |
| 23 | REAL | 50 | 0.03 | 1,666.6667 |
| 24 | SMDM | 181 | 34.23 | 5.2878 |
| 25 | SMRA | 605 | 37.88 | 15.9715 |
| 26 | TOTL | 314 | 26.89 | 11.6772 |
| 27 | WIKA | 810 | -6.64 | (121.9880) |
| 28 | WEGE | 149 | 24.03 | 6.2006 |

LAMPIRAN DATA *DEBT TO EQUITY RATIO (DER)* TAHUN 2019

| No | Kode | Total Hutang | Total Ekuitas | DER |
|----|------|----------------------|----------------------|--------|
| 1 | ADHI | Rp29,681,535,534,528 | Rp6,834,297,680,021 | 4.3430 |
| 2 | BIPP | Rp1,048,342,846,364 | Rp1,116,688,986,722 | 0.9388 |
| 3 | BCIP | Rp433,530,491,804 | Rp433,534,933,647 | 1.0000 |
| 4 | BSDE | Rp20,897,343,170,602 | Rp33,547,505,881,845 | 0.6229 |
| 5 | BUKK | Rp2,297,552,040,000 | Rp2,441,612,577,000 | 0.9410 |
| 6 | CTRA | Rp18,434,456,000,000 | Rp17,761,568,000,000 | 1.0379 |
| 7 | DMAS | Rp1,121,231,243,313 | Rp6,495,739,786,307 | 0.1726 |
| 8 | DUTI | Rp3,197,457,277,140 | Rp10,590,770,182,820 | 0.3019 |
| 9 | GPRA | Rp573,167,523,724 | Rp1,132,751,463,041 | 0.5060 |
| 10 | JRPT | Rp3,762,437,184,000 | Rp7,402,497,916,000 | 0.5083 |
| 11 | KIJA | Rp5,877,596,349,996 | Rp6,307,015,229,316 | 0.9319 |
| 12 | MKPI | Rp1,771,631,581,519 | Rp5,503,602,936,059 | 0.3219 |
| 13 | MTLA | Rp2,257,513,000,000 | Rp3,849,851,000,000 | 0.5864 |
| 14 | NRCA | Rp1,241,648,295,607 | Rp1,221,164,716,147 | 1.0168 |
| 15 | NZIA | Rp150,840,021,079 | Rp508,226,085,512 | 0.2968 |
| 16 | PBSA | Rp185,055,593,387 | Rp537,848,070,509 | 0.3441 |
| 17 | POLI | Rp649,959,008,442 | Rp1,675,619,774,283 | 0.3879 |
| 18 | PPRE | Rp4,598,782,774,693 | Rp3,162,080,634,727 | 1.4544 |
| 19 | PPRO | Rp13,485,057,754,312 | Rp4,521,120,814,257 | 2.9827 |
| 20 | PTPP | Rp41,118,641,799,782 | Rp14,879,443,360,428 | 2.7635 |
| 21 | PWON | Rp7,999,510,286,000 | Rp18,095,643,057,000 | 0.4421 |
| 22 | RDTX | Rp271,083,812,343 | Rp2,524,704,640,419 | 0.1074 |
| 23 | REAL | Rp3,701,033,173 | Rp348,864,482,650 | 0.0106 |
| 24 | SMDM | Rp589,477,689,864 | Rp2,623,695,416,052 | 0.2247 |
| 25 | SMRA | Rp14,990,297,354,000 | Rp9,451,359,922,000 | 1.5860 |
| 26 | TOTL | Rp1,886,089,201,000 | Rp1,076,904,500,000 | 1.7514 |
| 27 | WIKA | Rp42,895,114,167,000 | Rp19,215,732,987,000 | 2.2323 |
| 28 | WEGE | Rp3,737,909,282,247 | Rp2,459,404,829,875 | 1.5198 |

VARIABEL *DEBT TO EQUITY RATIO* (DER) TAHUN 2020

| No | Kode | Total Hutang | Total Ekuitas | DER |
|----|------|----------------------|----------------------|--------|
| 1 | ADHI | Rp32,519,078,179,193 | Rp5,574,810,447,358 | 5.8332 |
| 2 | BIPP | Rp919,581,439,010 | Rp1,206,943,891,304 | 0.7619 |
| 3 | BCIP | Rp462,672,453,926 | Rp446,592,008,738 | 1.0360 |
| 4 | BSDE | Rp26,391,824,110,926 | Rp34,471,102,475,824 | 0.7656 |
| 5 | BUKK | Rp2,135,099,539,000 | Rp4,976,221,593,000 | 0.4291 |
| 6 | CTRA | Rp21,797,659,000,000 | Rp17,457,528,000,000 | 1.2486 |
| 7 | DMAS | Rp1,224,176,089,310 | Rp5,528,057,150,794 | 0.2214 |
| 8 | DUTI | Rp3,423,402,804,653 | Rp10,330,221,934,232 | 0.3314 |
| 9 | GPRA | Rp674,113,858,270 | Rp1,053,247,818,677 | 0.6400 |
| 10 | JRPT | Rp3,606,436,882,000 | Rp7,875,084,383,000 | 0.4580 |
| 11 | KIJA | Rp5,939,921,471,289 | Rp6,260,254,508,581 | 0.9488 |
| 12 | MKPI | Rp2,015,619,366,153 | Rp5,607,298,699,580 | 0.3595 |
| 13 | MTLA | Rp1,855,546,000,000 | Rp4,076,937,000,000 | 0.4551 |
| 14 | NRCA | Rp1,068,303,801,217 | Rp1,153,155,372,350 | 0.9264 |
| 15 | NZIA | Rp154,875,436,623 | Rp508,502,617,380 | 0.3046 |
| 16 | PBSA | Rp166,214,951,770 | Rp536,015,720,910 | 0.3101 |
| 17 | POLI | Rp780,478,933,365 | Rp1,692,560,481,552 | 0.4611 |
| 18 | PPRE | Rp3,925,233,278,277 | Rp2,841,999,826,323 | 1.3812 |
| 19 | PPRO | Rp14,044,751,384,971 | Rp4,452,069,663,688 | 3.1547 |
| 20 | PTPP | Rp39,502,879,486,412 | Rp13,905,943,860,295 | 2.8407 |
| 21 | PWON | Rp8,860,110,106,000 | Rp17,598,695,271,000 | 0.5035 |
| 22 | RDTX | Rp234,410,089,039 | Rp2,736,651,682,675 | 0.0857 |
| 23 | REAL | Rp2,608,820,964 | Rp349,981,407,559 | 0.0075 |
| 24 | SMDM | Rp553,905,302,046 | Rp2,648,005,601,975 | 0.2092 |
| 25 | SMRA | Rp15,836,845,684,000 | Rp9,085,688,540,000 | 1.7431 |
| 26 | TOTL | Rp1,749,895,710,000 | Rp1,139,164,028,000 | 1.5361 |
| 27 | WIKA | Rp51,451,760,142,000 | Rp16,657,425,071,000 | 3.0888 |
| 28 | WEGE | Rp3,886,978,460,908 | Rp2,194,904,415,741 | 1.7709 |

VARIABEL *DEBT TO EQUITY RATIO* (DER) TAHUN 2021

| No | Kode | Total Hutang | Total Ekuitas | DER |
|----|------|----------------------|----------------------|--------|
| 1 | ADHI | Rp34,242,630,632,194 | Rp5,657,707,202,425 | 6.0524 |
| 2 | BIPP | Rp942,012,364,746 | Rp1,103,270,823,472 | 0.8538 |
| 3 | BCIP | Rp440,374,923,594 | Rp446,698,141,802 | 0.9858 |
| 4 | BSDE | Rp25,575,995,151,814 | Rp35,893,717,013,842 | 0.7125 |
| 5 | BUKK | Rp1,907,850,319,000 | Rp3,318,620,023,000 | 0.5749 |
| 6 | CTRA | Rp21,274,214,000,000 | Rp19,394,197,000,000 | 1.0969 |
| 7 | DMAS | Rp762,768,422,674 | Rp5,351,173,180,680 | 0.1425 |
| 8 | DUTI | Rp4,347,434,120,813 | Rp10,961,489,326,966 | 0.3966 |
| 9 | GPRA | Rp654,638,555,294 | Rp1,105,912,907,155 | 0.5919 |
| 10 | JRPT | Rp3,594,354,650,000 | Rp8,153,793,184,000 | 0.4408 |
| 11 | KIJA | Rp5,920,079,958,943 | Rp6,372,010,371,083 | 0.9291 |
| 12 | MKPI | Rp2,157,944,970,302 | Rp5,836,337,461,790 | 0.3697 |
| 13 | MTLA | Rp2,003,374,000,000 | Rp4,406,174,000,000 | 0.4547 |
| 14 | NRCA | Rp975,856,372,145 | Rp1,167,089,036,219 | 0.8361 |
| 15 | NZIA | Rp122,172,014,040 | Rp511,371,376,960 | 0.2389 |
| 16 | PBSA | Rp195,989,012,014 | Rp580,998,695,826 | 0.3373 |
| 17 | POLI | Rp708,818,433,520 | Rp1,731,755,494,405 | 0.4093 |
| 18 | PPRE | Rp4,050,364,899,099 | Rp2,979,283,380,916 | 1.3595 |
| 19 | PPRO | Rp16,588,283,290,255 | Rp4,498,143,793,320 | 3.6878 |
| 20 | PTPP | Rp41,243,694,054,027 | Rp14,330,149,681,057 | 2.8781 |
| 21 | PWON | Rp9,687,642,670,000 | Rp19,178,438,459,000 | 0.5051 |
| 22 | RDTX | Rp256,434,333,798 | Rp2,904,671,022,728 | 0.0883 |
| 23 | REAL | Rp2,492,305,309 | Rp351,239,418,011 | 0.0071 |
| 24 | SMDM | Rp523,995,257,470 | Rp2,779,516,465,681 | 0.1885 |
| 25 | SMRA | Rp14,819,493,511,000 | Rp11,230,223,167,000 | 1.3196 |
| 26 | TOTL | Rp1,495,422,466,000 | Rp1,231,884,375,000 | 1.2139 |
| 27 | WIKA | Rp51,950,716,634,000 | Rp17,435,077,712,000 | 2.9797 |
| 28 | WEGE | Rp3,592,408,107,796 | Rp2,381,591,118,212 | 1.5084 |

VARIABEL DEBT TO EQUITY RATIO (DER) 2022

| No | Kode | Total Hutang | Total Ekuitas | DER |
|----|------|----------------------|----------------------|--------|
| 1 | ADHI | Rp31,162,625,753,138 | Rp8,823,791,463,516 | 3.5317 |
| 2 | BIPP | Rp806,384,409,413 | Rp1,081,952,097,344 | 0.7453 |
| 3 | BCIP | Rp420,288,826,352 | Rp463,745,686,769 | 0.9063 |
| 4 | BSDE | Rp26,953,967,352,972 | Rp38,045,436,127,815 | 0.7085 |
| 5 | BUKK | Rp2,431,263,282,000 | Rp3,828,100,985,000 | 0.6351 |
| 6 | CTRA | Rp20,989,450,000,000 | Rp20,912,932,000,000 | 1.0037 |
| 7 | DMAS | Rp898,765,268,060 | Rp5,724,648,921,085 | 0.1570 |
| 8 | DUTI | Rp4,659,937,738,573 | Rp10,926,240,355,388 | 0.4265 |
| 9 | GPRA | Rp602,857,333,624 | Rp1,178,498,310,599 | 0.5115 |
| 10 | JRPT | Rp3,619,754,827,000 | Rp8,632,045,673,000 | 0.4193 |
| 11 | KIJA | Rp6,605,083,823,533 | Rp6,505,375,560,067 | 1.0153 |
| 12 | MKPI | Rp1,726,321,957,737 | Rp6,429,617,047,075 | 0.2685 |
| 13 | MTLA | Rp1,981,223,000,000 | Rp4,754,672,000,000 | 0.4167 |
| 14 | NRCA | Rp1,251,141,710,774 | Rp1,203,710,600,422 | 1.0394 |
| 15 | NZIA | Rp92,722,724,763 | Rp512,777,920,432 | 0.1808 |
| 16 | PBSA | Rp212,406,611,910 | Rp645,412,500,150 | 0.3291 |
| 17 | POLI | Rp683,099,929,963 | Rp1,900,134,318,060 | 0.3595 |
| 18 | PPRE | Rp4,438,113,616,291 | Rp3,150,326,715,954 | 1.4088 |
| 19 | PPRO | Rp17,257,435,445,777 | Rp4,555,564,002,892 | 3.7882 |
| 20 | PTPP | Rp42,791,330,842,175 | Rp14,821,052,298,361 | 2.8872 |
| 21 | PWON | Rp9,883,903,905,000 | Rp20,718,276,011,000 | 0.4771 |
| 22 | RDTX | Rp414,789,785,669 | Rp2,972,531,218,537 | 0.1395 |
| 23 | REAL | Rp814,437,215 | Rp351,455,086,851 | 0.0023 |
| 24 | SMDM | Rp463,973,692,434 | Rp2,959,304,778,402 | 0.1568 |
| 25 | SMRA | Rp16,683,534,371,000 | Rp11,750,040,507,000 | 1.4199 |
| 26 | TOTL | Rp1,750,251,774,000 | Rp1,240,175,532,000 | 1.4113 |
| 27 | WIKA | Rp57,576,398,034,000 | Rp17,493,206,188,000 | 3.2914 |
| 28 | WEGE | Rp2,884,421,965,523 | Rp2,540,006,373,160 | 1.1356 |

VARIABEL RETURN ON ASSET (ROA) TAHUN 2019

| No | Kode | Laba Bersih Setelah Pajak | Total Aktiva | ROA |
|----|------|---------------------------|----------------------|--------|
| 1 | ADHI | Rp665,048,421,529 | Rp36,515,833,214,549 | 0.0182 |
| 2 | BIPP | Rp4,822,404,616 | Rp2,165,031,833,086 | 0.0022 |
| 3 | BCIP | Rp23,201,520,208 | Rp867,065,425,451 | 0.0268 |
| 4 | BSDE | Rp3,130,076,103,452 | Rp54,444,849,052,447 | 0.0575 |
| 5 | BUKK | Rp491,956,774,000 | Rp4,739,164,617,000 | 0.1038 |
| 6 | CTRA | Rp1,283,281,000,000 | Rp36,196,024,000,000 | 0.0355 |
| 7 | DMAS | Rp1,335,420,919,293 | Rp7,616,971,029,620 | 0.1753 |
| 8 | DUTI | Rp1,289,962,965,315 | Rp13,788,227,459,960 | 0.0936 |
| 9 | GPRA | Rp55,222,657,634 | Rp1,705,918,986,765 | 0.0324 |
| 10 | JRPT | Rp1,037,201,837,000 | Rp11,164,935,100,000 | 0.0929 |
| 11 | KIJA | Rp141,140,307,068 | Rp12,184,611,579,312 | 0.0116 |
| 12 | MKPI | Rp614,639,392,159 | Rp7,275,234,517,578 | 0.0845 |
| 13 | MTLA | Rp487,622,000,000 | Rp6,107,364,000,000 | 0.0798 |
| 14 | NRCA | Rp101,155,011,546 | Rp2,462,813,011,754 | 0.0411 |
| 15 | NZIA | Rp3,356,447,223 | Rp659,066,106,591 | 0.0051 |
| 16 | PBSA | Rp13,287,142,235 | Rp722,903,663,896 | 0.0184 |
| 17 | POLI | Rp54,643,639,689 | Rp2,325,578,782,725 | 0.0235 |
| 18 | PPRE | Rp439,253,263,108 | Rp7,760,863,409,420 | 0.0566 |
| 19 | PPRO | Rp247,278,863,075 | Rp18,006,178,568,569 | 0.0137 |
| 20 | PTPP | Rp1,048,153,079,883 | Rp55,998,085,160,210 | 0.0187 |
| 21 | PWON | Rp3,239,796,227,000 | Rp26,095,153,343,000 | 0.1242 |
| 22 | RDTX | Rp232,773,280,699 | Rp2,795,788,452,762 | 0.0833 |
| 23 | REAL | Rp1,382,879,694 | Rp352,565,515,823 | 0.0039 |
| 24 | SMDM | Rp73,368,288,038 | Rp3,213,173,105,916 | 0.0228 |
| 25 | SMRA | Rp613,020,426,000 | Rp24,441,657,276,000 | 0.0251 |
| 26 | TOTL | Rp175,502,010,000 | Rp2,962,993,701,000 | 0.0592 |
| 27 | WIKA | Rp2,621,015,140,000 | Rp62,110,847,154,000 | 0.0422 |
| 28 | WEGE | Rp456,366,738,475 | Rp6,197,314,112,122 | 0.0736 |

VARIABEL RETURN ON ASSET (ROA) TAHUN 2020

| No | Kode | Laba Bersih Setelah Pajak | Total Aktiva | ROA |
|----|------|---------------------------|----------------------|--------|
| 1 | ADHI | Rp23,702,652,447 | Rp38,093,888,626,551 | 0.0006 |
| 2 | BIPP | Rp94,063,094,416 | Rp2,126,525,330,314 | 0.0442 |
| 3 | BCIP | Rp12,990,816,748 | Rp909,264,462,662 | 0.0143 |
| 4 | BSDE | Rp486,257,814,158 | Rp60,862,926,586,750 | 0.0080 |
| 5 | BUKK | Rp423,714,832,000 | Rp4,976,221,593,000 | 0.0851 |
| 6 | CTRA | Rp1,370,686,000,000 | Rp39,255,187,000,000 | 0.0349 |
| 7 | DMAS | Rp1,348,575,384,650 | Rp6,752,233,240,104 | 0.1997 |
| 8 | DUTI | Rp638,427,373,273 | Rp13,753,624,738,885 | 0.0464 |
| 9 | GPRA | Rp34,752,426,451 | Rp1,727,361,676,947 | 0.0201 |
| 10 | JRPT | Rp1,013,418,153,000 | Rp11,481,521,265,000 | 0.0883 |
| 11 | KIJA | Rp45,249,873,535 | Rp12,200,175,979,870 | 0.0037 |
| 12 | MKPI | Rp231,113,916,843 | Rp7,622,918,065,733 | 0.0303 |
| 13 | MTLA | Rp286,307,000,000 | Rp5,932,483,000,000 | 0.0483 |
| 14 | NRCA | Rp55,122,851,471 | Rp2,221,459,173,567 | 0.0248 |
| 15 | NZIA | Rp2,665,918,594 | Rp663,378,054,003 | 0.0040 |
| 16 | PBSA | Rp43,151,541,644 | Rp702,230,672,680 | 0.0614 |
| 17 | POLI | Rp17,438,462,295 | Rp2,473,039,414,917 | 0.0071 |
| 18 | PPRE | Rp115,881,928,744 | Rp6,767,233,104,600 | 0.0171 |
| 19 | PPRO | Rp126,494,845,856 | Rp18,496,821,048,659 | 0.0068 |
| 20 | PTPP | Rp311,959,334,548 | Rp53,408,823,346,707 | 0.0058 |
| 21 | PWON | Rp1,119,113,010,000 | Rp26,458,805,377,000 | 0.0423 |
| 22 | RDTX | Rp236,087,887,526 | Rp2,971,061,771,714 | 0.0795 |
| 23 | REAL | Rp1,022,961,976 | Rp352,590,228,523 | 0.0029 |
| 24 | SMDM | Rp18,706,792,552 | Rp3,201,910,904,021 | 0.0058 |
| 25 | SMRA | Rp245,909,143,000 | Rp24,922,534,224,000 | 0.0099 |
| 26 | TOTL | Rp108,580,758,000 | Rp2,889,059,738,000 | 0.0376 |
| 27 | WIKA | Rp322,342,513,000 | Rp68,109,185,213,000 | 0.0047 |
| 28 | WEGE | Rp156,349,499,437 | Rp6,081,882,876,649 | 0.0257 |

VARIABEL RETURN ON ASSET (ROA) TAHUN 2021

| No | Kode | Laba Bersih Setelah Pajak | Total Aktiva | ROA |
|----|------|---------------------------|----------------------|--------|
| 1 | ADHI | Rp86,499,800,385 | Rp39,900,337,834,619 | 0.0022 |
| 2 | BIPP | Rp17,043,157,013 | Rp2,045,283,188,218 | 0.0083 |
| 3 | BCIP | Rp124,179,367 | Rp887,073,065,396 | 0.0001 |
| 4 | BSDE | Rp1,538,840,956,173 | Rp61,469,712,165,656 | 0.0250 |
| 5 | BUKK | Rp482,094,181,000 | Rp5,226,470,342,000 | 0.0922 |
| 6 | CTRA | Rp2,087,716,000,000 | Rp40,668,411,000,000 | 0.0513 |
| 7 | DMAS | Rp714,858,418,799 | Rp6,113,941,603,354 | 0.1169 |
| 8 | DUTI | Rp730,113,120,884 | Rp15,308,923,447,779 | 0.0477 |
| 9 | GPRA | Rp49,537,431,683 | Rp1,760,551,462,449 | 0.0281 |
| 10 | JRPT | Rp786,726,309,000 | Rp11,748,147,834,000 | 0.0670 |
| 11 | KIJA | Rp87,635,897,475 | Rp12,292,090,330,026 | 0.0071 |
| 12 | MKPI | Rp324,669,719,210 | Rp7,994,282,432,092 | 0.0406 |
| 13 | MTLA | Rp380,666,000,000 | Rp6,409,548,000,000 | 0.0594 |
| 14 | NRCA | Rp51,648,101,245 | Rp2,142,945,408,364 | 0.0241 |
| 15 | NZIA | Rp3,061,999,615 | Rp633,543,391,000 | 0.0048 |
| 16 | PBSA | Rp83,315,829,281 | Rp776,987,707,840 | 0.1072 |
| 17 | POLI | Rp35,847,355,212 | Rp2,440,573,927,925 | 0.0147 |
| 18 | PPRE | Rp146,813,185,337 | Rp7,029,648,280,015 | 0.0209 |
| 19 | PPRO | Rp21,019,897,927 | Rp21,086,427,083,575 | 0.0010 |
| 20 | PTPP | Rp361,421,984,159 | Rp55,573,843,735,084 | 0.0065 |
| 21 | PWON | Rp1,550,434,339,000 | Rp28,866,081,129,000 | 0.0537 |
| 22 | RDTX | Rp195,806,481,653 | Rp3,161,105,356,526 | 0.0619 |
| 23 | REAL | Rp1,266,587,627 | Rp353,731,723,320 | 0.0036 |
| 24 | SMDM | Rp117,647,293,156 | Rp3,303,511,723,151 | 0.0356 |
| 25 | SMRA | Rp549,696,051,000 | Rp26,049,716,678,000 | 0.0211 |
| 26 | TOTL | Rp101,633,430,000 | Rp2,727,306,841,000 | 0.0373 |
| 27 | WIKA | Rp214,424,794,000 | Rp69,385,794,346,000 | 0.0031 |
| 28 | WEGE | Rp216,387,979,386 | Rp5,973,999,226,008 | 0.0362 |

VARIABEL RETURN ON ASSET (ROA) TAHUN 2022

| No | Kode | Laba Bersih Setelah Pajak | Total Aktiva | ROA |
|----|------|---------------------------|----------------------|--------|
| 1 | ADHI | Rp175,209,867,105 | Rp39,986,417,216,654 | 0.0044 |
| 2 | BIPP | Rp22,212,330,445 | Rp1,888,336,506,757 | 0.0118 |
| 3 | BCIP | Rp17,063,851,989 | Rp884,034,513,122 | 0.0193 |
| 4 | BSDE | Rp2,656,885,590,302 | Rp64,999,403,480,787 | 0.0409 |
| 5 | BUKK | Rp462,277,988,000 | Rp6,259,364,267,000 | 0.0739 |
| 6 | CTRA | Rp2,003,028,000,000 | Rp41,902,382,000,000 | 0.0478 |
| 7 | DMAS | Rp1,218,496,386,998 | Rp6,623,414,189,145 | 0.1840 |
| 8 | DUTI | Rp846,697,244,502 | Rp15,586,178,093,961 | 0.0543 |
| 9 | GPRA | Rp76,356,236,772 | Rp1,781,355,644,223 | 0.0429 |
| 10 | JRPT | Rp879,772,894,000 | Rp12,251,800,500,000 | 0.0718 |
| 11 | KIJA | Rp40,980,837,130 | Rp13,110,459,383,600 | 0.0031 |
| 12 | MKPI | Rp701,335,731,285 | Rp8,155,939,004,812 | 0.0860 |
| 13 | MTLA | Rp417,934,000,000 | Rp6,735,895,000,000 | 0.0620 |
| 14 | NRCA | Rp74,670,162,517 | Rp2,454,852,311,196 | 0.0304 |
| 15 | NZIA | Rp1,539,821,684 | Rp605,500,645,195 | 0.0025 |
| 16 | PBSA | Rp133,988,085,819 | Rp857,819,112,060 | 0.1562 |
| 17 | POLI | Rp155,049,779,830 | Rp2,583,234,248,023 | 0.0600 |
| 18 | PPRE | Rp181,661,615,624 | Rp7,588,440,332,245 | 0.0239 |
| 19 | PPRO | Rp24,274,414,866 | Rp21,812,999,448,669 | 0.0011 |
| 20 | PTPP | Rp365,741,731,064 | Rp57,612,383,140,536 | 0.0063 |
| 21 | PWON | Rp1,831,130,001,000 | Rp30,602,179,916,000 | 0.0598 |
| 22 | RDTX | Rp270,816,725,275 | Rp3,387,321,004,206 | 0.0800 |
| 23 | REAL | Rp167,069,190 | Rp352,269,524,066 | 0.0005 |
| 24 | SMDM | Rp179,796,943,605 | Rp3,423,278,470,836 | 0.0525 |
| 25 | SMRA | Rp771,743,500,000 | Rp28,433,574,878,000 | 0.0271 |
| 26 | TOTL | Rp91,646,670,000 | Rp2,990,427,306,000 | 0.0306 |
| 27 | WIKA | Rp12,586,435,000 | Rp75,069,604,222,000 | 0.0002 |
| 28 | WEGE | Rp230,257,330,260 | Rp5,424,428,338,683 | 0.0424 |

LAMPIRAN DATA TOBIN'S Q PERIODE 2019-2022

| NO. | KODE | TAHUN | | | | Rata-rata Tobin's Q |
|-----|------|-------|------|------|------|------------------------|
| | | 2019 | 2020 | 2021 | 2022 | |
| 1 | ADHI | 0.93 | 1.00 | 0.94 | 0.88 | 0.94 |
| 2 | BIPP | 0.60 | 0.55 | 0.60 | 0.56 | 0.58 |
| 3 | BCIP | 0.61 | 0.63 | 0.64 | 0.59 | 0.62 |
| 4 | BSDE | 0.83 | 0.86 | 0.76 | 0.71 | 0.79 |
| 5 | BUKK | 1.26 | 1.02 | 0.97 | 0.86 | 1.03 |
| 6 | CTRA | 1.04 | 1.02 | 0.97 | 0.92 | 0.99 |
| 7 | DMAS | 2.02 | 1.94 | 1.63 | 1.29 | 1.72 |
| 8 | DUTI | 0.90 | 0.76 | 0.69 | 0.79 | 0.79 |
| 9 | GPRA | 0.53 | 0.58 | 0.58 | 0.58 | 0.57 |
| 10 | JRPT | 1.08 | 1.03 | 0.90 | 0.83 | 0.96 |
| 11 | KIJA | 0.98 | 0.85 | 0.76 | 0.74 | 0.83 |
| 12 | MKPI | 2.35 | 3.75 | 3.23 | 4.75 | 3.52 |
| 13 | MTLA | 1.10 | 0.87 | 0.86 | 0.73 | 0.89 |
| 14 | NRCA | 0.89 | 0.91 | 0.79 | 0.82 | 0.85 |
| 15 | NZIA | 2.96 | 0.83 | 0.74 | 1.44 | 1.49 |
| 16 | PBSA | 1.71 | 1.51 | 1.66 | 1.31 | 1.55 |
| 17 | POLI | 1.57 | 0.97 | 1.51 | 0.89 | 1.23 |
| 18 | PPRE | 0.91 | 0.98 | 0.83 | 0.75 | 0.87 |
| 19 | PPRO | 0.98 | 1.07 | 0.96 | 0.93 | 0.99 |
| 20 | PTPP | 0.91 | 0.96 | 0.85 | 0.82 | 0.88 |
| 21 | PWON | 1.36 | 1.26 | 1.11 | 1.04 | 1.19 |
| 22 | RDTX | 1.19 | 0.55 | 0.65 | 0.86 | 0.81 |
| 23 | REAL | 7.54 | 0.95 | 1.69 | 0.94 | 2.78 |
| 24 | SMDM | 0.36 | 0.33 | 0.44 | 0.39 | 0.38 |
| 25 | SMRA | 1.21 | 1.12 | 1.10 | 0.94 | 1.09 |
| 26 | TOTL | 1.13 | 0.99 | 0.96 | 0.94 | 1.00 |
| 27 | WIKA | 0.98 | 1.02 | 0.89 | 0.86 | 0.94 |
| 28 | WEGE | 1.08 | 1.04 | 0.91 | 0.79 | 0.95 |

LAMPIRAN 2 OUTPUT SPSS

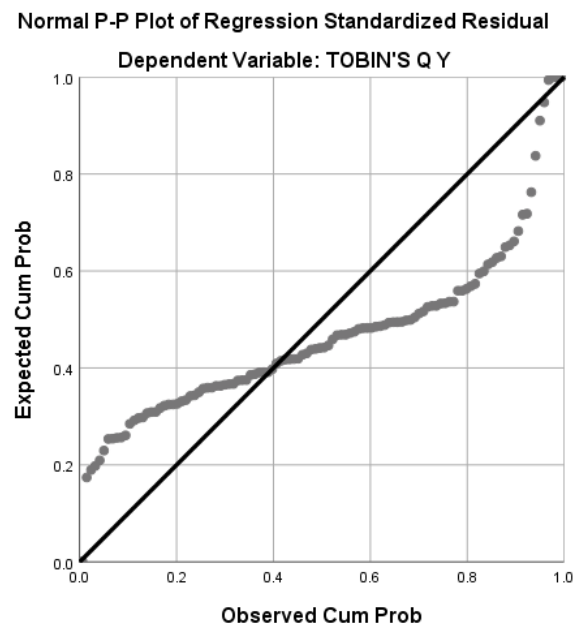
1) Hasil Uji Statistik Deskriptif

| Descriptive Statistics | | | | | |
|------------------------|-----|-----------|-----------|-----------|----------------|
| | N | Minimum | Maximum | Mean | Std. Deviation |
| PER X1 | 112 | -664.0000 | 1666.6667 | 47.115001 | 215.7471533 |
| DER X2 | 112 | .0023 | 6.0524 | 1.081043 | 1.1576905 |
| ROA X3 | 112 | .0001 | .1997 | .041412 | .0402729 |
| TOBIN'S Q Y | 112 | .3265 | 7.5355 | 1.114988 | .8699456 |
| Valid N (listwise) | 112 | | | | |

2) Hasil Uji Normalitas

(Sebelum Outlier)

Grafik Normal P-P Plot I

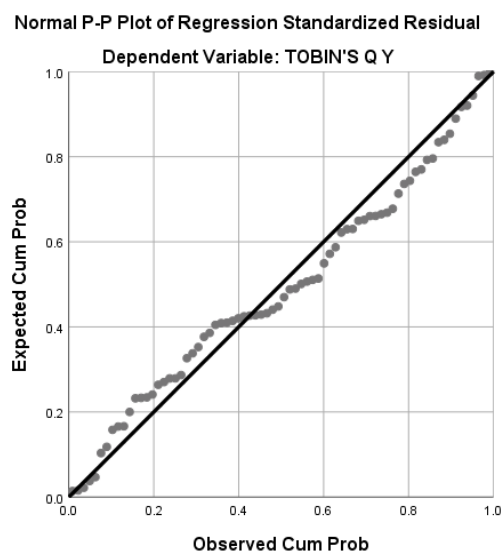


Hasil Uji One Sample Kolmogorov Smirnov I

| One-Sample Kolmogorov-Smirnov Test | | |
|-------------------------------------------------------------------------------------------------------|----------------|-------------------------|
| | | Unstandardized Residual |
| N | | 112 |
| Normal Parameters ^{a,b} | Mean | .0000000 |
| | Std. Deviation | .79802984 |
| Most Extreme Differences | Absolute | .247 |
| | Positive | .247 |
| | Negative | -.197 |
| Test Statistic | | .247 |
| Asymp. Sig. (2-tailed) | | .000 ^c |
| a. Test distribution is Normal. b. Calculated from data. c. Lilliefors Significance Correction. | | |

(Sesudah Outlier)

Grafik Normal P-P Plot I



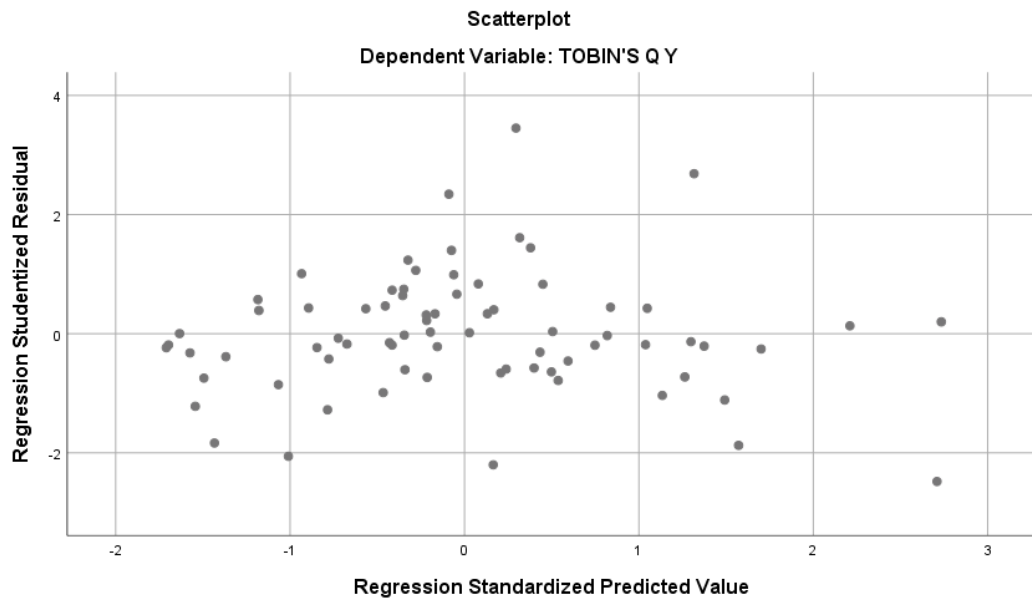
Hasil Uji One Sample Kolmogorov Smirnov II

| One-Sample Kolmogorov-Smirnov Test | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------|
| | | Unstandardized Residual |
| N | | 74 |
| Normal Parameters ^{a,b} | Mean | .0000000 |
| | Std. Deviation | .16448755 |
| Most Extreme Differences | Absolute | .089 |
| | Positive | .089 |
| | Negative | -.079 |
| Test Statistic | | .089 |
| Asymp. Sig. (2-tailed) | | .200 ^{c,d} |
| a. Test distribution is Normal. b. Calculated from data. c. Lilliefors Significance Correction. d. This is a lower bound of the true significance. | | |

3) Hasil Uji Multikolinieritas

| Coefficients ^a | | | |
|------------------------------------|------------|-------------------------|-------|
| Model | | Collinearity Statistics | |
| | | Tolerance | VIF |
| 1 | (Constant) | | |
| | PER X1 | .708 | 1.413 |
| | DER X2 | .739 | 1.353 |
| | ROA X3 | .548 | 1.825 |
| a. Dependent Variable: TOBIN'S Q Y | | | |

4) Hasil Uji Heteroskedastisitas



Hasil Uji Heteroskedastisitas dengan Uji Park

| Coefficients^a | | | | | | |
|---------------------------------|------------|-----------------------------|------------|---------------------------|--------|------|
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | -5.465 | 1.190 | | -4.592 | .000 |
| | PER X1 | .031 | .018 | .239 | 1.739 | .086 |
| | DER X2 | -.376 | .516 | -.098 | -.728 | .469 |
| | ROA X3 | -1.625 | 14.887 | -.017 | -.109 | .913 |

a. Dependent Variable: LNU2I

5) Hasil Uji Autokorelasi

Hasil Uji Autokorelasi Durbin-Watson

| Model Summary^b | | | | | |
|----------------------------------|-------------------|----------|-------------------|----------------------------|---------------|
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
| 1 | .699 ^a | .488 | .466 | .1679753 | 1.671 |

a. Predictors: (Constant), ROA X3, DER X2, PER X1
b. Dependent Variable: TOBIN'S Q Y

Durbin-Watson d Statistic: Significance point for DL and DU at 0,05 level of Significance

| N | K = 3 | |
|----|--------|--------|
| | DL | DU |
| 18 | 0.9331 | 1.6961 |
| - | - | - |
| - | - | - |
| - | - | - |
| 74 | 1.5397 | 1.7079 |

Hasil Uji Autokorelasi Runs-Test

| Runs Test | |
|-------------------------|-------------------------|
| | Unstandardized Residual |
| Test Value ^a | -.01727 |
| Cases < Test Value | 37 |
| Cases >= Test Value | 37 |
| Total Cases | 74 |
| Number of Runs | 31 |
| Z | -1.639 |
| Asymp. Sig. (2-tailed) | .101 |
| a. Median | |

6) Hasil Uji Analisis Linier Berganda

| Coefficients ^a | | | | | | |
|---------------------------|------------|-----------------------------|------------|---------------------------|-------|------|
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | .281 | .079 | | 3.547 | .001 |
| | PER X1 | .008 | .001 | .660 | 6.492 | .000 |
| | DER X2 | .162 | .034 | .470 | 4.728 | .000 |
| | ROA X3 | 7.219 | .991 | .842 | 7.288 | .000 |

a. Dependent Variable: TOBIN'S Q Y

7) Hasil Uji Parsial t

| Coefficients ^a | | | | | | |
|---------------------------|------------|-----------------------------|------------|---------------------------|-------|------|
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | .281 | .079 | | 3.547 | .001 |
| | PER X1 | .008 | .001 | .660 | 6.492 | .000 |
| | DER X2 | .162 | .034 | .470 | 4.728 | .000 |
| | ROA X3 | 7.219 | .991 | .842 | 7.288 | .000 |

a. Dependent Variable: TOBIN'S Q Y

8) Hasil Uji Simultan F

| ANOVA ^a | | | | | | |
|--------------------|------------|----------------|----|-------------|--------|-------------------|
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 1.885 | 3 | .628 | 22.266 | .000 ^b |
| | Residual | 1.975 | 70 | .028 | | |
| | Total | 3.860 | 73 | | | |

a. Dependent Variable: TOBIN'S Q Y

b. Predictors: (Constant), ROA X3, DER X2, PER X1

9) Hasil Uji Koefisien Determinasi (R²)

| Model Summary ^b | | | | | |
|----------------------------|-------------------|----------|-------------------|----------------------------|---------------|
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
| 1 | .699 ^a | .488 | .466 | .1679753 | 1.671 |

a. Predictors: (Constant), ROA X3, DER X2, PER X1

b. Dependent Variable: TOBIN'S Q Y

LAMPIRAN 3 TABEL DISTRIBUSI NILAI

1) TABEL DISTRIBUSI NILAI DURBIN WATSON (DW), $\alpha = 5\%$

| n | k=1 | | k=2 | | k=3 | | k=4 | | k=5 | |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | dL | dU | dL | dU | dL | dU | dL | dU | dL | dU |
| 18 | 1.1576 | 1.3913 | 1.0461 | 1.5353 | 0.9331 | 1.6961 | 0.8204 | 1.8719 | 0.7098 | 2.0600 |
| 19 | 1.1804 | 1.4012 | 1.0743 | 1.5355 | 0.9666 | 1.6851 | 0.8588 | 1.8482 | 0.7523 | 2.0226 |
| 20 | 1.2015 | 1.4107 | 1.1004 | 1.5367 | 0.9976 | 1.6763 | 0.8943 | 1.8283 | 0.7918 | 1.9908 |
| 21 | 1.2212 | 1.4200 | 1.1246 | 1.5385 | 1.0262 | 1.6694 | 0.9272 | 1.8116 | 0.8286 | 1.9635 |
| 22 | 1.2395 | 1.4289 | 1.1471 | 1.5408 | 1.0529 | 1.6640 | 0.9578 | 1.7974 | 0.8629 | 1.9400 |
| 23 | 1.2567 | 1.4375 | 1.1682 | 1.5435 | 1.0778 | 1.6597 | 0.9864 | 1.7855 | 0.8949 | 1.9196 |
| 24 | 1.2728 | 1.4458 | 1.1878 | 1.5464 | 1.1010 | 1.6565 | 1.0131 | 1.7753 | 0.9249 | 1.9018 |
| 25 | 1.2879 | 1.4537 | 1.2063 | 1.5495 | 1.1228 | 1.6540 | 1.0381 | 1.7666 | 0.9530 | 1.8863 |
| 26 | 1.3022 | 1.4614 | 1.2236 | 1.5528 | 1.1432 | 1.6523 | 1.0616 | 1.7591 | 0.9794 | 1.8727 |
| 27 | 1.3157 | 1.4688 | 1.2399 | 1.5562 | 1.1624 | 1.6510 | 1.0836 | 1.7527 | 1.0042 | 1.8608 |
| 28 | 1.3284 | 1.4759 | 1.2553 | 1.5596 | 1.1805 | 1.6503 | 1.1044 | 1.7473 | 1.0276 | 1.8502 |
| 29 | 1.3405 | 1.4828 | 1.2699 | 1.5631 | 1.1976 | 1.6499 | 1.1241 | 1.7426 | 1.0497 | 1.8409 |
| 30 | 1.3520 | 1.4894 | 1.2837 | 1.5666 | 1.2138 | 1.6498 | 1.1426 | 1.7386 | 1.0706 | 1.8326 |
| 31 | 1.3630 | 1.4957 | 1.2969 | 1.5701 | 1.2292 | 1.6500 | 1.1602 | 1.7352 | 1.0904 | 1.8252 |
| 32 | 1.3734 | 1.5019 | 1.3093 | 1.5736 | 1.2437 | 1.6505 | 1.1769 | 1.7323 | 1.1092 | 1.8187 |
| 33 | 1.3834 | 1.5078 | 1.3212 | 1.5770 | 1.2576 | 1.6511 | 1.1927 | 1.7298 | 1.1270 | 1.8128 |
| 34 | 1.3929 | 1.5136 | 1.3325 | 1.5805 | 1.2707 | 1.6519 | 1.2078 | 1.7277 | 1.1439 | 1.8076 |
| 35 | 1.4019 | 1.5191 | 1.3433 | 1.5838 | 1.2833 | 1.6528 | 1.2221 | 1.7259 | 1.1601 | 1.8029 |
| 36 | 1.4107 | 1.5245 | 1.3537 | 1.5872 | 1.2953 | 1.6539 | 1.2358 | 1.7245 | 1.1755 | 1.7987 |
| 37 | 1.4190 | 1.5297 | 1.3635 | 1.5904 | 1.3068 | 1.6550 | 1.2489 | 1.7233 | 1.1901 | 1.7950 |
| 38 | 1.4270 | 1.5348 | 1.3730 | 1.5937 | 1.3177 | 1.6563 | 1.2614 | 1.7223 | 1.2042 | 1.7916 |
| 39 | 1.4347 | 1.5396 | 1.3821 | 1.5969 | 1.3283 | 1.6575 | 1.2734 | 1.7215 | 1.2176 | 1.7886 |
| 40 | 1.4421 | 1.5444 | 1.3908 | 1.6000 | 1.3384 | 1.6589 | 1.2848 | 1.7209 | 1.2305 | 1.7859 |
| 41 | 1.4493 | 1.5490 | 1.3992 | 1.6031 | 1.3480 | 1.6603 | 1.2958 | 1.7205 | 1.2428 | 1.7835 |
| 42 | 1.4562 | 1.5534 | 1.4073 | 1.6061 | 1.3573 | 1.6617 | 1.3064 | 1.7202 | 1.2546 | 1.7814 |
| 43 | 1.4628 | 1.5577 | 1.4151 | 1.6091 | 1.3663 | 1.6632 | 1.3166 | 1.7200 | 1.2660 | 1.7794 |
| 44 | 1.4692 | 1.5619 | 1.4226 | 1.6120 | 1.3749 | 1.6647 | 1.3263 | 1.7200 | 1.2769 | 1.7777 |
| 45 | 1.4754 | 1.5660 | 1.4298 | 1.6148 | 1.3832 | 1.6662 | 1.3357 | 1.7200 | 1.2874 | 1.7762 |
| 46 | 1.4814 | 1.5700 | 1.4368 | 1.6176 | 1.3912 | 1.6677 | 1.3448 | 1.7201 | 1.2976 | 1.7748 |
| 47 | 1.4872 | 1.5739 | 1.4435 | 1.6204 | 1.3989 | 1.6692 | 1.3535 | 1.7203 | 1.3073 | 1.7736 |
| 48 | 1.4928 | 1.5776 | 1.4500 | 1.6231 | 1.4064 | 1.6708 | 1.3619 | 1.7206 | 1.3167 | 1.7725 |
| 49 | 1.4982 | 1.5813 | 1.4564 | 1.6257 | 1.4136 | 1.6723 | 1.3701 | 1.7210 | 1.3258 | 1.7716 |
| 50 | 1.5035 | 1.5849 | 1.4625 | 1.6283 | 1.4206 | 1.6739 | 1.3779 | 1.7214 | 1.3346 | 1.7708 |
| 51 | 1.5086 | 1.5884 | 1.4684 | 1.6309 | 1.4273 | 1.6754 | 1.3855 | 1.7218 | 1.3431 | 1.7701 |
| 52 | 1.5135 | 1.5917 | 1.4741 | 1.6334 | 1.4339 | 1.6769 | 1.3929 | 1.7223 | 1.3512 | 1.7694 |
| 53 | 1.5183 | 1.5951 | 1.4797 | 1.6359 | 1.4402 | 1.6785 | 1.4000 | 1.7228 | 1.3592 | 1.7689 |
| 54 | 1.5230 | 1.5983 | 1.4851 | 1.6383 | 1.4464 | 1.6800 | 1.4069 | 1.7234 | 1.3669 | 1.7684 |
| 55 | 1.5276 | 1.6014 | 1.4903 | 1.6406 | 1.4523 | 1.6815 | 1.4136 | 1.7240 | 1.3743 | 1.7681 |
| 56 | 1.5320 | 1.6045 | 1.4954 | 1.6430 | 1.4581 | 1.6830 | 1.4201 | 1.7246 | 1.3815 | 1.7678 |
| 57 | 1.5363 | 1.6075 | 1.5004 | 1.6452 | 1.4637 | 1.6845 | 1.4264 | 1.7253 | 1.3885 | 1.7675 |

| | | | | | | | | | | |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 58 | 1.5405 | 1.6105 | 1.5052 | 1.6475 | 1.4692 | 1.6860 | 1.4325 | 1.7259 | 1.3953 | 1.7673 |
| 59 | 1.5446 | 1.6134 | 1.5099 | 1.6497 | 1.4745 | 1.6875 | 1.4385 | 1.7266 | 1.4019 | 1.7672 |
| 60 | 1.5485 | 1.6162 | 1.5144 | 1.6518 | 1.4797 | 1.6889 | 1.4443 | 1.7274 | 1.4083 | 1.7671 |
| 61 | 1.5524 | 1.6189 | 1.5189 | 1.6540 | 1.4847 | 1.6904 | 1.4499 | 1.7281 | 1.4146 | 1.7671 |
| 62 | 1.5562 | 1.6216 | 1.5232 | 1.6561 | 1.4896 | 1.6918 | 1.4554 | 1.7288 | 1.4206 | 1.7671 |
| 63 | 1.5599 | 1.6243 | 1.5274 | 1.6581 | 1.4943 | 1.6932 | 1.4607 | 1.7296 | 1.4265 | 1.7671 |
| 64 | 1.5635 | 1.6268 | 1.5315 | 1.6601 | 1.4990 | 1.6946 | 1.4659 | 1.7303 | 1.4322 | 1.7672 |
| 65 | 1.5670 | 1.6294 | 1.5355 | 1.6621 | 1.5035 | 1.6960 | 1.4709 | 1.7311 | 1.4378 | 1.7673 |
| 66 | 1.5704 | 1.6318 | 1.5395 | 1.6640 | 1.5079 | 1.6974 | 1.4758 | 1.7319 | 1.4433 | 1.7675 |
| 67 | 1.5738 | 1.6343 | 1.5433 | 1.6660 | 1.5122 | 1.6988 | 1.4806 | 1.7327 | 1.4486 | 1.7676 |
| 68 | 1.5771 | 1.6367 | 1.5470 | 1.6678 | 1.5164 | 1.7001 | 1.4853 | 1.7335 | 1.4537 | 1.7678 |
| 69 | 1.5803 | 1.6390 | 1.5507 | 1.6697 | 1.5205 | 1.7015 | 1.4899 | 1.7343 | 1.4588 | 1.7680 |
| 70 | 1.5834 | 1.6413 | 1.5542 | 1.6715 | 1.5245 | 1.7028 | 1.4943 | 1.7351 | 1.4637 | 1.7683 |
| 71 | 1.5865 | 1.6435 | 1.5577 | 1.6733 | 1.5284 | 1.7041 | 1.4987 | 1.7358 | 1.4685 | 1.7685 |
| 72 | 1.5895 | 1.6457 | 1.5611 | 1.6751 | 1.5323 | 1.7054 | 1.5029 | 1.7366 | 1.4732 | 1.7688 |
| 73 | 1.5924 | 1.6479 | 1.5645 | 1.6768 | 1.5360 | 1.7067 | 1.5071 | 1.7375 | 1.4778 | 1.7691 |
| 74 | 1.5953 | 1.6500 | 1.5677 | 1.6785 | 1.5397 | 1.7079 | 1.5112 | 1.7383 | 1.4822 | 1.7694 |
| 75 | 1.5981 | 1.6521 | 1.5709 | 1.6802 | 1.5432 | 1.7092 | 1.5151 | 1.7390 | 1.4866 | 1.7698 |
| 76 | 1.6009 | 1.6541 | 1.5740 | 1.6819 | 1.5467 | 1.7104 | 1.5190 | 1.7399 | 1.4909 | 1.7701 |
| 77 | 1.6036 | 1.6561 | 1.5771 | 1.6835 | 1.5502 | 1.7117 | 1.5228 | 1.7407 | 1.4950 | 1.7704 |
| 78 | 1.6063 | 1.6581 | 1.5801 | 1.6851 | 1.5535 | 1.7129 | 1.5265 | 1.7415 | 1.4991 | 1.7708 |
| 79 | 1.6089 | 1.6601 | 1.5830 | 1.6867 | 1.5568 | 1.7141 | 1.5302 | 1.7423 | 1.5031 | 1.7712 |
| 80 | 1.6114 | 1.6620 | 1.5859 | 1.6882 | 1.5600 | 1.7153 | 1.5337 | 1.7430 | 1.5070 | 1.7716 |
| 81 | 1.6139 | 1.6639 | 1.5888 | 1.6898 | 1.5632 | 1.7164 | 1.5372 | 1.7438 | 1.5109 | 1.7720 |
| 82 | 1.6164 | 1.6657 | 1.5915 | 1.6913 | 1.5663 | 1.7176 | 1.5406 | 1.7446 | 1.5146 | 1.7724 |
| 83 | 1.6188 | 1.6675 | 1.5942 | 1.6928 | 1.5693 | 1.7187 | 1.5440 | 1.7454 | 1.5183 | 1.7728 |
| 84 | 1.6212 | 1.6693 | 1.5969 | 1.6942 | 1.5723 | 1.7199 | 1.5472 | 1.7462 | 1.5219 | 1.7732 |
| 85 | 1.6235 | 1.6711 | 1.5995 | 1.6957 | 1.5752 | 1.7210 | 1.5505 | 1.7470 | 1.5254 | 1.7736 |
| 86 | 1.6258 | 1.6728 | 1.6021 | 1.6971 | 1.5780 | 1.7221 | 1.5536 | 1.7478 | 1.5289 | 1.7740 |
| 87 | 1.6280 | 1.6745 | 1.6046 | 1.6985 | 1.5808 | 1.7232 | 1.5567 | 1.7485 | 1.5322 | 1.7745 |
| 88 | 1.6302 | 1.6762 | 1.6071 | 1.6999 | 1.5836 | 1.7243 | 1.5597 | 1.7493 | 1.5356 | 1.7749 |
| 89 | 1.6324 | 1.6778 | 1.6095 | 1.7013 | 1.5863 | 1.7254 | 1.5627 | 1.7501 | 1.5388 | 1.7754 |
| 90 | 1.6345 | 1.6794 | 1.6119 | 1.7026 | 1.5889 | 1.7264 | 1.5656 | 1.7508 | 1.5420 | 1.7758 |
| 91 | 1.6366 | 1.6810 | 1.6143 | 1.7040 | 1.5915 | 1.7275 | 1.5685 | 1.7516 | 1.5452 | 1.7763 |
| 92 | 1.6387 | 1.6826 | 1.6166 | 1.7053 | 1.5941 | 1.7285 | 1.5713 | 1.7523 | 1.5482 | 1.7767 |
| 93 | 1.6407 | 1.6841 | 1.6188 | 1.7066 | 1.5966 | 1.7295 | 1.5741 | 1.7531 | 1.5513 | 1.7772 |
| 94 | 1.6427 | 1.6857 | 1.6211 | 1.7078 | 1.5991 | 1.7306 | 1.5768 | 1.7538 | 1.5542 | 1.7776 |
| 95 | 1.6447 | 1.6872 | 1.6233 | 1.7091 | 1.6015 | 1.7316 | 1.5795 | 1.7546 | 1.5572 | 1.7781 |
| 96 | 1.6466 | 1.6887 | 1.6254 | 1.7103 | 1.6039 | 1.7326 | 1.5821 | 1.7553 | 1.5600 | 1.7785 |
| 97 | 1.6485 | 1.6901 | 1.6275 | 1.7116 | 1.6063 | 1.7335 | 1.5847 | 1.7560 | 1.5628 | 1.7790 |
| 98 | 1.6504 | 1.6916 | 1.6296 | 1.7128 | 1.6086 | 1.7345 | 1.5872 | 1.7567 | 1.5656 | 1.7795 |
| 99 | 1.6522 | 1.6930 | 1.6317 | 1.7140 | 1.6108 | 1.7355 | 1.5897 | 1.7575 | 1.5683 | 1.7799 |
| 100 | 1.6540 | 1.6944 | 1.6337 | 1.7152 | 1.6131 | 1.7364 | 1.5922 | 1.7582 | 1.5710 | 1.7804 |

2) TABEL DISTRIBUSI NILAI T_{TABEL}

| d.f | $t_{0.10}$ | $t_{0.05}$ | $t_{0.025}$ | $t_{0.01}$ | $t_{0.005}$ |
|-----|------------|------------|-------------|------------|-------------|
| 1 | 3.078 | 6.314 | 12.71 | 31.82 | 63.66 |
| 2 | 1.886 | 2.920 | 4.303 | 6.965 | 9.925 |
| 3 | 1.638 | 2.353 | 3.182 | 4.541 | 5.841 |
| 4 | 1.533 | 2.132 | 2.776 | 3.747 | 4.604 |
| 5 | 1.476 | 2.015 | 2.571 | 3.365 | 4.032 |
| 6 | 1.440 | 1.943 | 2.447 | 3.143 | 3.707 |
| 7 | 1.415 | 1.895 | 2.365 | 2.998 | 3.499 |
| 8 | 1.397 | 1.860 | 2.306 | 2.896 | 3.355 |
| 9 | 1.383 | 1.833 | 2.262 | 2.821 | 3.250 |
| 10 | 1.372 | 1.812 | 2.228 | 2.764 | 3.169 |
| 11 | 1.363 | 1.796 | 2.201 | 2.718 | 3.106 |
| 12 | 1.356 | 1.782 | 2.179 | 2.681 | 3.055 |
| 13 | 1.350 | 1.771 | 2.160 | 2.650 | 3.012 |
| 14 | 1.345 | 1.761 | 2.145 | 2.624 | 2.977 |
| 15 | 1.341 | 1.753 | 2.131 | 2.602 | 2.947 |
| 16 | 1.337 | 1.746 | 2.120 | 2.583 | 2.921 |
| 17 | 1.333 | 1.740 | 2.110 | 2.567 | 2.898 |
| 18 | 1.330 | 1.734 | 2.101 | 2.552 | 2.878 |
| 19 | 1.328 | 1.729 | 2.093 | 2.539 | 2.861 |
| 20 | 1.325 | 1.725 | 2.086 | 2.528 | 2.845 |
| 21 | 1.323 | 1.721 | 2.080 | 2.518 | 2.831 |
| 22 | 1.321 | 1.717 | 2.074 | 2.508 | 2.819 |
| 23 | 1.319 | 1.714 | 2.069 | 2.500 | 2.807 |
| 24 | 1.318 | 1.711 | 2.064 | 2.492 | 2.797 |
| 25 | 1.316 | 1.708 | 2.060 | 2.485 | 2.787 |
| 26 | 1.315 | 1.706 | 2.056 | 2.479 | 2.779 |
| 27 | 1.314 | 1.703 | 2.052 | 2.473 | 2.771 |
| 28 | 1.313 | 1.701 | 2.048 | 2.467 | 2.763 |
| 29 | 1.311 | 1.699 | 2.045 | 2.462 | 2.756 |
| 30 | 1.310 | 1.697 | 2.042 | 2.457 | 2.750 |
| 31 | 1.309 | 1.696 | 2.040 | 2.453 | 2.744 |
| 32 | 1.309 | 1.694 | 2.037 | 2.449 | 2.738 |
| 33 | 1.308 | 1.692 | 2.035 | 2.445 | 2.733 |
| 61 | 1.296 | 1.671 | 2.000 | 2.390 | 2.659 |
| 62 | 1.296 | 1.671 | 1.999 | 2.389 | 2.659 |
| 63 | 1.296 | 1.670 | 1.999 | 2.389 | 2.658 |
| 64 | 1.296 | 1.670 | 1.999 | 2.388 | 2.657 |
| 65 | 1.296 | 1.670 | 1.998 | 2.388 | 2.657 |
| 66 | 1.295 | 1.670 | 1.998 | 2.387 | 2.656 |
| 67 | 1.295 | 1.670 | 1.998 | 2.387 | 2.655 |
| 68 | 1.295 | 1.670 | 1.997 | 2.386 | 2.655 |
| 69 | 1.295 | 1.669 | 1.997 | 2.386 | 2.654 |
| 70 | 1.295 | 1.669 | 1.997 | 2.385 | 2.653 |
| 71 | 1.295 | 1.669 | 1.996 | 2.385 | 2.653 |
| 72 | 1.295 | 1.669 | 1.996 | 2.384 | 2.652 |
| 73 | 1.295 | 1.669 | 1.996 | 2.384 | 2.651 |
| 74 | 1.295 | 1.668 | 1.995 | 2.383 | 2.651 |
| 75 | 1.295 | 1.668 | 1.995 | 2.383 | 2.650 |
| 76 | 1.294 | 1.668 | 1.995 | 2.382 | 2.649 |
| 77 | 1.294 | 1.668 | 1.994 | 2.382 | 2.649 |
| 78 | 1.294 | 1.668 | 1.994 | 2.381 | 2.648 |
| 79 | 1.294 | 1.668 | 1.994 | 2.381 | 2.647 |
| 80 | 1.294 | 1.667 | 1.993 | 2.380 | 2.647 |
| 81 | 1.294 | 1.667 | 1.993 | 2.380 | 2.646 |
| 82 | 1.294 | 1.667 | 1.993 | 2.379 | 2.645 |
| 83 | 1.294 | 1.667 | 1.992 | 2.379 | 2.645 |
| 84 | 1.294 | 1.667 | 1.992 | 2.378 | 2.644 |
| 85 | 1.294 | 1.666 | 1.992 | 2.378 | 2.643 |
| 86 | 1.293 | 1.666 | 1.991 | 2.377 | 2.643 |
| 87 | 1.293 | 1.666 | 1.991 | 2.377 | 2.642 |
| 88 | 1.293 | 1.666 | 1.991 | 2.376 | 2.641 |
| 89 | 1.293 | 1.666 | 1.990 | 2.376 | 2.641 |
| 90 | 1.293 | 1.666 | 1.990 | 2.375 | 2.640 |
| 91 | 1.293 | 1.665 | 1.990 | 2.374 | 2.639 |
| 92 | 1.293 | 1.665 | 1.989 | 2.374 | 2.639 |
| 93 | 1.293 | 1.665 | 1.989 | 2.373 | 2.638 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-------|-------|-------|-------|
| 34 | 1.307 | 1.691 | 2.032 | 2.441 | 2.728 | 94 | 1.293 | 1.665 | 1.989 | 2.373 | 2.637 |
| 35 | 1.306 | 1.690 | 2.030 | 2.438 | 2.724 | 95 | 1.293 | 1.665 | 1.988 | 2.372 | 2.637 |
| 36 | 1.306 | 1.688 | 2.028 | 2.434 | 2.719 | 96 | 1.292 | 1.664 | 1.988 | 2.372 | 2.636 |
| 37 | 1.305 | 1.687 | 2.026 | 2.431 | 2.715 | 97 | 1.292 | 1.664 | 1.988 | 2.371 | 2.635 |
| 38 | 1.304 | 1.686 | 2.024 | 2.429 | 2.712 | 98 | 1.292 | 1.664 | 1.987 | 2.371 | 2.635 |
| 39 | 1.304 | 1.685 | 2.023 | 2.426 | 2.708 | 99 | 1.292 | 1.664 | 1.987 | 2.370 | 2.634 |
| 40 | 1.303 | 1.684 | 2.021 | 2.423 | 2.704 | 100 | 1.292 | 1.664 | 1.987 | 2.370 | 2.633 |
| 41 | 1.303 | 1.683 | 2.020 | 2.421 | 2.701 | 101 | 1.292 | 1.663 | 1.986 | 2.369 | 2.633 |
| 42 | 1.302 | 1.682 | 2.018 | 2.418 | 2.698 | 102 | 1.292 | 1.663 | 1.986 | 2.369 | 2.632 |
| 43 | 1.302 | 1.681 | 2.017 | 2.416 | 2.695 | 103 | 1.292 | 1.663 | 1.986 | 2.368 | 2.631 |
| 44 | 1.301 | 1.680 | 2.015 | 2.414 | 2.692 | 104 | 1.292 | 1.663 | 1.985 | 2.368 | 2.631 |
| 45 | 1.301 | 1.679 | 2.014 | 2.412 | 2.690 | 105 | 1.292 | 1.663 | 1.985 | 2.367 | 2.630 |
| 46 | 1.300 | 1.679 | 2.013 | 2.410 | 2.687 | 106 | 1.291 | 1.663 | 1.985 | 2.367 | 2.629 |
| 47 | 1.300 | 1.678 | 2.012 | 2.408 | 2.685 | 107 | 1.291 | 1.662 | 1.984 | 2.366 | 2.629 |
| 48 | 1.299 | 1.677 | 2.011 | 2.407 | 2.682 | 108 | 1.291 | 1.662 | 1.984 | 2.366 | 2.628 |
| 49 | 1.299 | 1.677 | 2.010 | 2.405 | 2.680 | 109 | 1.291 | 1.662 | 1.984 | 2.365 | 2.627 |
| 50 | 1.299 | 1.676 | 2.009 | 2.403 | 2.678 | 110 | 1.291 | 1.662 | 1.983 | 2.365 | 2.627 |
| 51 | 1.298 | 1.675 | 2.008 | 2.402 | 2.676 | 111 | 1.291 | 1.662 | 1.983 | 2.364 | 2.626 |
| 52 | 1.298 | 1.675 | 2.007 | 2.400 | 2.674 | 112 | 1.291 | 1.661 | 1.983 | 2.364 | 2.625 |
| 53 | 1.298 | 1.674 | 2.006 | 2.399 | 2.672 | 113 | 1.291 | 1.661 | 1.982 | 2.363 | 2.625 |
| 54 | 1.297 | 1.674 | 2.005 | 2.397 | 2.670 | 114 | 1.291 | 1.661 | 1.982 | 2.363 | 2.624 |
| 55 | 1.297 | 1.673 | 2.004 | 2.396 | 2.668 | 115 | 1.291 | 1.661 | 1.982 | 2.362 | 2.623 |
| 56 | 1.297 | 1.673 | 2.003 | 2.395 | 2.667 | 116 | 1.290 | 1.661 | 1.981 | 2.362 | 2.623 |
| 57 | 1.297 | 1.672 | 2.002 | 2.394 | 2.665 | 117 | 1.290 | 1.661 | 1.981 | 2.361 | 2.622 |
| 58 | 1.296 | 1.672 | 2.002 | 2.392 | 2.663 | 118 | 1.290 | 1.660 | 1.981 | 2.361 | 2.621 |
| 59 | 1.296 | 1.671 | 2.001 | 2.391 | 2.662 | 119 | 1.290 | 1.660 | 1.980 | 2.360 | 2.621 |
| 60 | 1.296 | 1.671 | 2.000 | 2.390 | 2.660 | 120 | 1.290 | 1.660 | 1.980 | 2.360 | 2.620 |

Dari "Table of Percentage Points of the t-Distribution." *Biometrika*, Vol. 32. (1941), p. 300. Reproduced by permission of the *Biometrika* Trustess.

3) TABEL DISTRIBUSI NILAI F_{TABEL}

| Titik Persentase Distribusi F untuk Probabilitas = 0,05 | | | | | | | | | | | | | | | |
|------------------------------------------------------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| df penyebut (df2) | df untuk pembilang (df1) | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 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 |

LAMPIRAN 4 BIODATA DIRI**BIODATA****Identitas Diri**

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**Riwayat Pendidikan****A. Pendidikan Formal**

- 1) 2006 TK Mardhati
- 2) 2007 SDN Gunung Sari II
- 3) 2013 MTsN 2 Makassar
- 4) 2016 MAN 2 Makassar
- 5) 2019 S1 Manajemen Universitas Hasanuddin

B. Pendidikan Non-Formal

- 1) Pelatihan Basic Learning Skill, Character and Creativity (BALANCE) Universitas Hasanuddin
- 2) Latihan Kepemimpinan Tingkat Pertama (LK I) IMMAJ FEB-UH

3) Diklat Ekonomi Islam (DEI) KSEI FoSEI UNHAS

C. Pengalaman Organisasi

1) Keluarga Mahasiswa (KEMA) IMMAJ FEB-UH

2) Staff Departemen Keilmuan Biro Kajian KSEI FoSEI UNHAS