

LAMPIRAN 1

TABULASI DATA PROFITABILITAS ROE

Kode	Tahun	Laba bersih	Ekuitas	ROE
AUTO	2014	956,409,000,000	10,136,557,000,000	0.094352451
AUTO	2015	322,701,000,000	10,143,426,000,000	0.031813807
AUTO	2016	483,421,000,000	10,536,558,000,000	0.045880353
AUTO	2017	547,781,000,000	10,759,076,000,000	0.050913387
AUTO	2018	680,801,000,000	11,263,635,000,000	0.060442388
AUTO	2019	816,971,000,000	11,650,534,000,000	0.070123052
BIMA	2014	10,048,996,788	-193,918,969,257	-0.051820597
BIMA	2015	-2,639,975,210	-202,012,514,927	0.013068375
BIMA	2016	17,601,900,104	-97,175,471,622	-0.181135217
BIMA	2017	12,538,097,901	-84,637,373,721	-0.148139024
BIMA	2018	3,789,729,800	-80,847,643,921	-0.046874957
BIMA	2019	145,335,537,132	64,487,893,211	2.253687164
DVLA	2014	80,929,476,000	962,431,483,000	0.084088558
DVLA	2015	107,894,430,000	973,517,334,000	0.11082949
DVLA	2016	152,083,400,000	1,079,579,612,000	0.140872797
DVLA	2017	162,249,293,000	1,116,300,069,000	0.145345591
DVLA	2018	200,651,968,000	1,200,261,863,000	0.167173493
DVLA	2019	221,783,249,000	1,306,078,988,000	0.16980845
GDYR	2014	34,107,444,640	720,245,671,280	0.047355293
GDYR	2015	-1,392,991,510	765,375,252,215	-0.001820011
GDYR	2016	22,251,695,500	756,143,804,764	0.029427862
GDYR	2017	-12,114,811,272	725,869,636,404	-0.016690065
GDYR	2018	7,317,336,186	787,678,471,368	0.00928975
GDYR	2019	-3,677,898,778	740,779,869,482	-0.004964901
INTP	2014	5,274,009,000,000	24,784,801,000,000	0.212792066
INTP	2015	4,356,661,000,000	23,865,950,000,000	0.182547144
INTP	2016	3,870,319,000,000	26,138,703,000,000	0.148068517
INTP	2017	1,859,818,000,000	24,556,507,000,000	0.07573626
INTP	2018	1,145,937,000,000	23,221,589,000,000	0.049347915
INTP	2019	1,835,305,000,000	23,080,261,000,000	0.079518382
KAEF	2014	236,531,070,864	1,811,143,949,913	0.13059761
KAEF	2015	252,972,506,074	1,862,096,822,470	0.135853573
KAEF	2016	271,597,947,663	2,271,407,409,194	0.119572538
KAEF	2017	331,707,917,461	2,572,520,755,127	0.128942757
KAEF	2018	401,792,808,948	3,356,459,729,851	0.119707323

KAEF	2019	15,890,439,000	7,412,926,828,000	0.002143612
KDSI	2014	44,489,139,365	396,498,026,938	0.112205197
KDSI	2015	11,470,563,293	378,921,289,074	0.030271625
KDSI	2016	47,127,349,067	419,784,286,104	0.112265634
KDSI	2017	68,965,208,549	485,539,501,101	0.142038307
KDSI	2018	76,761,902,211	555,171,029,401	0.138267125
KDSI	2019	64,090,903,507	608,205,409,017	0.105377069
KLBF	2014	2,121,090,581,630	9,817,475,678,446	0.216052543
KLBF	2015	2,057,694,281,873	10,938,285,985,269	0.18811853
KLBF	2016	2,350,884,933,551	12,463,847,141,085	0.188616316
KLBF	2017	2,453,251,410,604	13,894,031,782,689	0.17656872
KLBF	2018	2,497,261,964,757	15,294,594,796,354	0.163277419
KLBF	2019	2,537,601,823,645	16,705,582,476,031	0.151901427
NIKL	2014	-88,871,360,000	443,933,840,000	-0.200190551
NIKL	2015	-82,914,778,525	516,889,862,585	-0.16041092
NIKL	2016	33,849,502,904	537,539,372,656	0.062971207
NIKL	2017	18,400,500,709	564,230,805,756	0.032611656
NIKL	2018	-22,261,091,022	623,458,254,816	-0.035705824
NIKL	2019	37,263,938,066	634,429,977,061	0.058736093
PRAS	2014	11,340,527,608	685,821,589,456	0.016535682
PRAS	2015	6,437,333,237	720,564,133,797	0.008933741
PRAS	2016	-2,690,964,318	693,001,882,560	-0.003883055
PRAS	2017	-3,226,268,273	676,405,303,408	-0.004769726
PRAS	2018	6,357,160,962	688,129,187,984	0.009238325
PRAS	2019	-43,624,116,829	645,724,973,344	-0.067558355
PYFA	2014	2,657,665,405	96,558,938,621	0.027523764
PYFA	2015	3,087,104,465	101,222,059,197	0.030498337
PYFA	2016	5,146,317,041	105,508,790,427	0.048776192
PYFA	2017	7,127,402,168	108,856,000,711	0.06547551
PYFA	2018	8,447,447,988	118,977,560,800	0.071000346
PYFA	2019	9,342,718,039	124,725,993,563	0.074905942
SMBR	2014	328,336,316,000	2,717,247,111,000	0.120834176
SMBR	2015	348,344,846,000	2,949,352,584,000	0.118108919
SMBR	2016	274,086,427,000	3,120,757,702,000	0.087826885
SMBR	2017	134,717,866,000	3,412,859,859,000	0.0394736
SMBR	2018	73,564,912,000	3,473,671,056,000	0.021177858
SMBR	2019	30,073,855,000	3,482,293,092,000	0.008636222
SMCB	2014	668,869,000,000	8,758,592,000,000	0.076367183

SMCB	2015	175,127,000,000	8,449,857,000,000	0.020725439
SMCB	2016	-284,584,000,000	8,060,595,000,000	-0.035305582
SMCB	2017	-758,045,000,000	7,196,951,000,000	-0.105328632
SMCB	2018	-827,985,000,000	6,416,350,000,000	-0.129042992
SMCB	2019	499,052,000,000	6,982,612,000,000	0.071470676
SRSN	2014	14,456,260,000	328,836,439,000	0.043961855
SRSN	2015	15,504,788,000	340,079,836,000	0.045591612
SRSN	2016	11,056,051,000	402,053,633,000	0.027498946
SRSN	2017	17,698,567,000	415,505,899,000	0.042595224
SRSN	2018	38,735,092,000	477,788,016,000	0.081071711
SRSN	2019	42,829,128,000	514,600,563,000	0.083227907
STAR	2014	348,916,778	490,173,327,018	0.000711823
STAR	2015	306,885,570	489,676,008,886	0.000626711
STAR	2016	462,555,306	490,025,951,324	0.00094394
STAR	2017	594,726,798	490,282,287,552	0.001213029
STAR	2018	173,591,040	491,354,577,004	0.000353291
STAR	2019	1,951,111,404	490,018,704,992	0.003981708
STTP	2014	123,465,403,948	817,593,813,061	0.151010688
STTP	2015	185,705,201,171	1,008,809,438,257	0.184083529
STTP	2016	174,176,717,866	1,168,512,137,670	0.149058544
STTP	2017	216,024,079,834	1,384,772,068,360	0.155999738
STTP	2018	255,088,886,019	1,646,387,946,952	0.154938504
STTP	2019	482,590,552,840	2,148,007,007,980	0.224668984
TSPC	2014	584,293,062,124	4,132,338,998,550	0.141395239
TSPC	2015	529,218,651,807	4,337,140,975,120	0.122020164
TSPC	2016	545,493,536,262	4,635,273,142,692	0.117683148
TSPC	2017	557,339,581,996	5,082,008,409,145	0.109669158
TSPC	2018	540,378,145,887	5,432,848,070,494	0.099464984
TSPC	2019	595,154,912,874	5,791,035,969,893	0.102771752
UNVR	2014	5,738,523,000,000	4,598,782,000,000	1.247835405
UNVR	2015	5,851,805,000,000	4,827,360,000,000	1.212216408
UNVR	2016	6,390,672,000,000	4,704,258,000,000	1.358486716
UNVR	2017	7,004,562,000,000	5,173,388,000,000	1.353960306
UNVR	2018	9,109,445,000,000	7,578,133,000,000	1.202069824
UNVR	2019	7,392,837,000,000	5,281,862,000,000	1.399664929

LAMPIRAN 2

TABULASI DATA PROFITABILITAS (EPS)

Kode	Tahun	EPS
AUTO	2014	181
AUTO	2015	66
AUTO	2016	87
AUTO	2017	114
AUTO	2018	127
AUTO	2019	153
BIMA	2014	117
BIMA	2015	-30.7
BIMA	2016	29
BIMA	2017	21
BIMA	2018	6.23
BIMA	2019	238.97
DVLA	2014	73
DVLA	2015	97
DVLA	2016	136
DVLA	2017	145
DVLA	2018	180
DVLA	2019	198
GDYR	2014	0.07
GDYR	2015	-0.0003
GDYR	2016	0.004
GDYR	2017	-0.002
GDYR	2018	0.001
GDYR	2019	-0.001
INTP	2014	1431.82
INTP	2015	1183.48
INTP	2016	1051.37
INTP	2017	505.22
INTP	2018	311.29
INTP	2019	498.56
KAEF	2014	42.24
KAEF	2015	44.81
KAEF	2016	48.15
KAEF	2017	58.84
KAEF	2018	74.88

KAEF	2019	-2.29
KDSI	2014	109.85
KDSI	2015	28.32
KDSI	2016	116.36
KDSI	2017	170.28
KDSI	2018	189.54
KDSI	2019	158.25
KLBF	2014	44
KLBF	2015	42.76
KLBF	2016	49.06
KLBF	2017	51.28
KLBF	2018	52.42
KLBF	2019	53.48
NIKL	2014	-0.0028
NIKL	2015	0.0024
NIKL	2016	0.0009
NIKL	2017	0.0005
NIKL	2018	-0.0006
NIKL	2019	0.0011
PRAS	2014	16.2
PRAS	2015	9.2
PRAS	2016	-3.8
PRAS	2017	-4.6
PRAS	2018	9.1
PRAS	2019	-62.2
PYFA	2014	4.97
PYFA	2015	7.71
PYFA	2016	9.62
PYFA	2017	13.32
PYFA	2018	15.79
PYFA	2019	17.46
SMBR	2014	33
SMBR	2015	36
SMBR	2016	26
SMBR	2017	15
SMBR	2018	8
SMBR	2019	3
SMCB	2014	87

SMCB	2015	23
SMCB	2016	-37
SMCB	2017	-99
SMCB	2018	-108
SMCB	2019	65
SRSN	2014	2.4
SRSN	2015	2.58
SRSN	2016	1.84
SRSN	2017	2.94
SRSN	2018	6.43
SRSN	2019	7.11
STAR	2014	0.04
STAR	2015	0.02
STAR	2016	0.06
STAR	2017	0.09
STAR	2018	0.004
STAR	2019	0.406
STTP	2014	94.27
STTP	2015	141.78
STTP	2016	133.18
STTP	2017	165.16
STTP	2018	194.81
STTP	2019	368.41
TSPC	2014	129
TSPC	2015	116
TSPC	2016	119
TSPC	2017	121
TSPC	2018	114
TSPC	2019	123
UNVR	2014	752
UNVR	2015	766
UNVR	2016	838
UNVR	2017	918
UNVR	2018	1194
UNVR	2019	969

LAMPIRAN 3

TABULASI DATA MODAL KERJA

Kode	Tahun	Current asset	Current Liabilities	Modal Kerja
AUTO	2014	5,138,080,000,000	3,857,809,000,000	1,280,271,000,000
AUTO	2015	4,796,770,000,000	3,625,907,000,000	1,170,863,000,000
AUTO	2016	4,903,902,000,000	3,258,146,000,000	1,645,756,000,000
AUTO	2017	5,228,541,000,000	3,041,502,000,000	2,187,039,000,000
AUTO	2018	6,013,683,000,000	4,066,699,000,000	1,946,984,000,000
AUTO	2019	5,544,549,000,000	3,438,999,000,000	2,105,550,000,000
BIMA	2014	86,879,500,495	94,025,048,182	-7,145,547,687
BIMA	2015	83,401,850,883	89,655,828,325	-6,253,977,442
BIMA	2016	79,300,156,166	89,438,951,168	-10,138,795,002
BIMA	2017	72,385,157,397	84,180,581,813	-11,795,424,416
BIMA	2018	80,207,862,904	84,043,258,686	-3,835,395,782
BIMA	2019	83,827,868,074	56,494,542,352	27,333,325,722
DVLA	2014	925,293,721,000	178,583,390,000	746,710,331,000
DVLA	2015	1,043,830,034,000	296,298,118,000	747,531,916,000
DVLA	2016	1,068,967,094,000	374,427,510,000	694,539,584,000
DVLA	2017	1,175,655,601,000	441,622,865,000	734,032,736,000
DVLA	2018	1,203,372,372,000	416,537,366,000	786,835,006,000
DVLA	2019	1,280,212,333,000	439,444,037,000	840,768,296,000
GDYR	2014	782,418,751,120	828,585,083,920	-46,166,332,800
GDYR	2015	802,045,093,625	856,371,390,050	-54,326,296,425
GDYR	2016	629,345,142,176	731,824,120,760	-102,478,978,584
GDYR	2017	786,021,252,576	913,234,439,100	-127,213,186,524
GDYR	2018	696,354,160,716	1,010,814,419,205	-314,460,258,489
GDYR	2019	577,708,239,354	919,683,751,639	-341,975,512,285
INTP	2014	16,087,370,000,000	3,260,559,000,000	12,826,811,000,000
INTP	2015	13,133,854,000,000	2,687,743,000,000	10,446,111,000,000
INTP	2016	14,424,622,000,000	3,187,742,000,000	11,236,880,000,000
INTP	2017	12,883,074,000,000	3,479,024,000,000	9,404,050,000,000
INTP	2018	12,315,796,000,000	3,925,649,000,000	8,390,147,000,000
INTP	2019	12,829,494,000,000	3,873,487,000,000	8,956,007,000,000
KAEF	2014	2,040,430,857,906	854,811,681,427	1,185,619,176,479
KAEF	2015	2,100,921,793,619	1,088,431,346,892	1,012,490,446,727
KAEF	2016	2,906,737,458,288	1,696,208,867,581	1,210,528,590,707
KAEF	2017	3,662,090,215,984	2,369,507,448,768	1,292,582,767,216
KAEF	2018	5,369,546,726,061	3,774,304,481,466	1,595,242,244,595

KAEF	2019	7,344,787,123,000	7,392,140,277,000	-47,353,154,000
KDSI	2014	556,324,706,587	406,688,594,384	149,636,112,203
KDSI	2015	731,258,691,057	632,245,408,415	99,013,282,642
KDSI	2016	709,583,883,699	575,996,641,235	133,587,242,464
KDSI	2017	841,180,578,033	709,035,285,125	132,145,292,908
KDSI	2018	824,176,454,137	704,831,802,004	119,344,652,133
KDSI	2019	629,203,673,926	507,508,226,950	121,695,446,976
KLBF	2014	8,120,805,370,192	2,385,920,172,489	5,734,885,197,703
KLBF	2015	8,748,491,608,702	2,365,880,490,863	6,382,611,117,839
KLBF	2016	9,572,529,767,897	2,317,161,787,100	7,255,367,980,797
KLBF	2017	10,043,950,500,578	2,227,336,011,715	7,816,614,488,863
KLBF	2018	10,648,288,386,726	2,286,167,471,594	8,362,120,915,132
KLBF	2019	11,222,490,978,401	2,577,108,805,851	8,645,382,172,550
NIKL	2014	1,141,780,520,000	1,023,289,520,000	118,491,000,000
NIKL	2015	1,080,229,490,445	987,439,657,735	92,789,832,710
NIKL	2016	1,179,028,200,044	1,007,547,541,708	171,480,658,336
NIKL	2017	1,282,182,896,124	1,084,089,093,528	198,093,802,596
NIKL	2018	1,589,605,435,800	1,471,685,436,396	117,919,999,404
NIKL	2019	1,635,991,007,928	1,437,911,697,143	198,079,310,785
PRAS	2014	566,779,211,419	564,899,086,298	1,880,125,121
PRAS	2015	658,889,212,539	655,589,698,468	3,299,514,071
PRAS	2016	687,016,688,458	682,161,682,936	4,855,005,522
PRAS	2017	622,230,971,388	650,095,154,148	-27,864,182,760
PRAS	2018	639,455,076,770.56	776,997,095,215	-137,542,018,444
PRAS	2019	545,073,353,346	906,030,161,469	-360,956,808,123
PYFA	2014	78,077,523,686	47,994,726,116	30,082,797,570
PYFA	2015	72,745,997,374	36,534,059,349	36,211,938,025
PYFA	2016	83,106,443,468	37,933,579,448	45,172,864,020
PYFA	2017	78,364,312,306	22,245,115,479	56,119,196,827
PYFA	2018	91,387,136,759	33,141,647,397	58,245,489,362
PYFA	2019	95,946,418,919	27,198,123,189	68,748,295,730
SMBR	2014	2,335,768,747,000	179,749,240,000	2,156,019,507,000
SMBR	2015	1,938,566,969,000	255,994,894,000	1,682,572,075,000
SMBR	2016	838,232,034,000	292,237,689,000	545,994,345,000
SMBR	2017	1,123,602,449,000	668,827,967,000	454,774,482,000
SMBR	2018	1,358,329,865,000	636,408,215,000	721,921,650,000
SMBR	2019	1,071,983,297,000	468,526,330,000	603,456,967,000
SMCB	2014	2,290,969,000,000	3,807,545,000,000	-1,516,576,000,000
SMCB	2015	2,581,774,000,000	3,957,441,000,000	-1,375,667,000,000

SMCB	2016	2,439,964,000,000	5,311,358,000,000	-2,871,394,000,000
SMCB	2017	2,927,011,000,000	5,384,803,000,000	-2,457,792,000,000
SMCB	2018	2,597,672,000,000	9,739,775,000,000	-7,142,103,000,000
SMCB	2019	3,206,838,000,000	2,963,506,000,000	243,332,000,000
SRSN	2014	335,892,148,000	116,994,521,000	218,897,627,000
SRSN	2015	440,739,212,000	203,379,900,000	237,359,312,000
SRSN	2016	481,542,567,000	276,341,289,000	205,201,278,000
SRSN	2017	422,532,126,000	198,217,020,000	224,315,106,000
SRSN	2018	448,247,260,000	182,749,220,000	265,498,040,000
SRSN	2019	537,425,364,000	217,673,718,000	319,751,646,000
STAR	2014	457,148,015,947	262,328,823,129	194,819,192,818
STAR	2015	412,696,940,471	228,149,112,195	184,547,828,276
STAR	2016	386,235,136,503	193,182,418,174	193,052,718,329
STAR	2017	321,284,372,984	115,972,411,559	205,311,961,425
STAR	2018	332,865,525,071	115,834,635,089	217,030,889,982
STAR	2019	579,106,848,960	89,743,087,070	489,363,761,890
STTP	2014	799,430,399,430	538,631,479,995	260,798,919,435
STTP	2015	875,469,433,776	554,491,047,968	320,978,385,808
STTP	2016	921,133,961,428	556,752,312,634	364,381,648,794
STTP	2017	947,986,050,367	358,963,437,494	589,022,612,873
STTP	2018	1,250,806,822,918	676,673,564,908	574,133,258,010
STTP	2019	1,165,406,301,686	408,490,550,651	756,915,751,035
TSPC	2014	3,714,700,991,066	1,237,332,206,210	2,477,368,784,856
TSPC	2015	4,304,922,144,352	1,696,486,657,073	2,608,435,487,279
TSPC	2016	4,385,083,916,291	1,653,413,220,121	2,731,670,696,170
TSPC	2017	5,049,363,864,387	2,002,621,403,597	3,046,742,460,790
TSPC	2018	5,130,662,268,849	2,039,075,034,339	3,091,587,234,510
TSPC	2019	5,432,638,388,008	1,953,608,306,055	3,479,030,081,953
UNVR	2014	6,337,170,000,000	8,864,832,000,000	-2,527,662,000,000
UNVR	2015	6,623,114,000,000	10,127,542,000,000	-3,504,428,000,000
UNVR	2016	6,588,109,000,000	10,878,074,000,000	-4,289,965,000,000
UNVR	2017	7,941,635,000,000	12,532,304,000,000	-4,590,669,000,000
UNVR	2018	8,325,029,000,000	11,134,786,000,000	-2,809,757,000,000
UNVR	2019	8,530,334,000,000	13,065,308,000,000	-4,534,974,000,000

LAMPIRAN 4

TABULASI DATA UKURAN PERUSAHAAN

Kode	Tahun	Total aset	Ln Total sales
AUTO	2014	14,380,926,000,000	30.29692386
AUTO	2015	14,339,110,000,000	30.29401189
AUTO	2016	14,612,274,000,000	30.31288298
AUTO	2017	14,762,309,000,000	30.32309836
AUTO	2018	15,889,648,000,000	30.39668894
AUTO	2019	16,015,709,000,000	30.40459117
BIMA	2014	104,058,578,348	25.36821983
BIMA	2015	99,558,394,760	25.32401019
BIMA	2016	92,041,274,561	25.24550295
BIMA	2017	89,327,328,853	25.21557331
BIMA	2018	98,190,640,839	25.31017674
BIMA	2019	246,536,771,775	26.23077699
DVLA	2014	1,236,247,525,000	27.84310172
DVLA	2015	1,376,278,237,000	27.95040404
DVLA	2016	1,531,365,558,000	28.05718097
DVLA	2017	1,640,886,147,000	28.12625755
DVLA	2018	1,682,821,739,000	28.15149311
DVLA	2019	1,829,960,714,000	28.23531561
GDYR	2014	1,566,613,374,440	28.07993732
GDYR	2015	1,645,962,330,085	28.12934633
GDYR	2016	1,516,129,539,676	28.04718185
GDYR	2017	1,676,776,348,800	28.14789423
GDYR	2018	1,824,842,851,236	28.23251499
GDYR	2019	1,686,085,026,855	28.15343041
INTP	2014	28,884,635,000,000	30.99433091
INTP	2015	27,638,360,000,000	30.95022578
INTP	2016	30,150,580,000,000	31.03722528
INTP	2017	28,863,676,000,000	30.99360503
INTP	2018	27,788,562,000,000	30.95564561
INTP	2019	27,707,749,000,000	30.95273324
KAEF	2014	2,968,184,626,297	28.71897164
KAEF	2015	3,236,224,076,311	28.80542836
KAEF	2016	4,612,562,541,064	29.15980468
KAEF	2017	6,096,148,972,533	29.43867837
KAEF	2018	9,460,427,317,681	29.87813867

KAEF	2019	18,352,877,132,000	30.54080747
KDSI	2014	952,177,443,047	27.58201724
KDSI	2015	1,177,093,668,866	27.79406952
KDSI	2016	1,142,273,020,550	27.76404127
KDSI	2017	1,328,291,727,616	27.91491482
KDSI	2018	1,391,416,464,512	27.96134338
KDSI	2019	1,253,650,408,375	27.85708074
KLBF	2014	12,425,032,367,729	30.15073429
KLBF	2015	13,696,417,381,439	30.24815541
KLBF	2016	15,226,009,210,657	30.35402621
KLBF	2017	16,616,239,416,335	30.44140161
KLBF	2018	18,146,206,145,369	30.52948263
KLBF	2019	20,264,726,862,584	30.6399029
NIKL	2014	1,510,452,360,000	28.0434303
NIKL	2015	1,568,775,180,380	28.08131629
NIKL	2016	1,607,856,453,312	28.10592301
NIKL	2017	1,708,712,249,868	28.16676113
NIKL	2018	2,139,961,806,972	28.3918091
NIKL	2019	2,108,628,483,178	28.37705884
PRAS	2014	1,286,827,899,805	27.88320131
PRAS	2015	1,531,742,052,164	28.0574268
PRAS	2016	1,596,466,547,662	28.0988139
PRAS	2017	1,542,243,721,302	28.06425943
PRAS	2018	1,635,543,021,515	28.12299599
PRAS	2019	1,657,127,269,798	28.13610666
PYFA	2014	172,736,624,689	25.87503387
PYFA	2015	159,951,537,229	25.79813671
PYFA	2016	167,062,795,608	25.8416356
PYFA	2017	159,563,931,041	25.7957105
PYFA	2018	187,057,163,857	25.9546801
PYFA	2019	190,786,208,250	25.97441931
SMBR	2014	2,926,360,857,000	28.70478074
SMBR	2015	3,268,667,933,000	28.81540366
SMBR	2016	4,368,876,996,000	29.10552711
SMBR	2017	5,060,337,247,000	29.25245425
SMBR	2018	5,538,079,503,000	29.3426689
SMBR	2019	5,571,270,204,000	29.34864419
SMCB	2014	17,195,352,000,000	30.47566023
SMCB	2015	17,321,565,000,000	30.48297337

SMCB	2016	19,763,133,000,000	30.61483935
SMCB	2017	19,626,403,000,000	30.60789687
SMCB	2018	18,667,187,000,000	30.55778839
SMCB	2019	19,567,498,000,000	30.60489104
SRSN	2014	463,347,124,000	26.86174234
SRSN	2015	574,073,314,000	27.07602295
SRSN	2016	717,149,704,000	27.29855045
SRSN	2017	652,726,454,000	27.20442397
SRSN	2018	686,777,211,000	27.25527578
SRSN	2019	779,246,858,000	27.38159372
STAR	2014	775,917,827,931	27.37731246
STAR	2015	729,020,553,284	27.31496776
STAR	2016	690,187,353,961	27.26022893
STAR	2017	614,705,038,056	27.14440838
STAR	2018	615,956,006,710	27.14644138
STAR	2019	579,813,156,839	27.08597175
STTP	2014	1,700,204,093,895	28.16176942
STTP	2015	1,919,568,037,170	28.2831213
STTP	2016	2,336,411,494,941	28.47963732
STTP	2017	2,342,432,443,196	28.48221101
STTP	2018	2,631,189,810,030	28.59845726
STTP	2019	2,881,563,083,954	28.689354
TSPC	2014	5,592,730,492,960	29.35248874
TSPC	2015	6,284,729,099,203	29.46914385
TSPC	2016	6,585,807,349,438	29.51593805
TSPC	2017	7,434,900,309,021	29.63720629
TSPC	2018	7,869,975,060,326	29.69407601
TSPC	2019	8,372,769,580,743	29.75600584
UNVR	2014	14,280,670,000,000	30.28992799
UNVR	2015	15,729,945,000,000	30.38658734
UNVR	2016	16,745,695,000,000	30.44916233
UNVR	2017	18,906,413,000,000	30.57052229
UNVR	2018	19,522,970,000,000	30.60261284
UNVR	2019	20,649,371,000,000	30.65870597

LAMPIRAN 5

TABULASI DATA EFISIENSI PERUSAHAAN

Kode	Tahun	Penjualan	Total aset	Tato
AUTO	2014	12,255,427,000,000	14,380,926,000,000	0.85220013
AUTO	2015	11,723,787,000,000	14,339,110,000,000	0.817609112
AUTO	2016	12,806,867,000,000	14,612,274,000,000	0.876445856
AUTO	2017	13,549,857,000,000	14,762,309,000,000	0.917868404
AUTO	2018	15,356,381,000,000	7,307,404,000,000	2.101482414
AUTO	2019	15,444,775,000,000	16,015,709,000,000	0.964351625
BIMA	2014	286,688,094,220	104,058,578,348	2.755064491
BIMA	2015	222,363,830,677	99,558,394,760	2.233501567
BIMA	2016	172,109,865,924	92,041,274,561	1.869920498
BIMA	2017	153,713,878,373	89,327,328,853	1.720793405
BIMA	2018	146,138,557,283	98,190,640,839	1.488314528
BIMA	2019	126,478,581,670	246,536,771,775	0.513021164
DVLA	2014	1,103,821,775,000	1,236,247,525,000	0.892880878
DVLA	2015	1,306,098,136,000	1,376,278,237,000	0.949007331
DVLA	2016	1,451,356,680,000	1,531,365,558,000	0.947753247
DVLA	2017	1,575,647,308,000	1,640,886,147,000	0.960241703
DVLA	2018	1,699,657,296,000	1,682,821,739,000	1.010004361
DVLA	2019	1,813,020,278,000	1,829,960,714,000	0.990742732
GDYR	2014	12,367,462,360	1,566,613,374,440	0.007894393
GDYR	2015	24,215,687,820	1,645,962,330,085	0.014712176
GDYR	2016	28,161,614,152	1,516,129,539,676	0.018574675
GDYR	2017	37,672,273,296	1,676,776,348,800	0.022467083
GDYR	2018	26,349,960,663	1,824,842,851,236	0.014439578
GDYR	2019	25,621,405,734	1,686,085,026,855	0.015195797
INTP	2014	19,996,264,000,000	28,884,635,000,000	0.692280308
INTP	2015	17,798,055,000,000	27,638,360,000,000	0.643962051
INTP	2016	15,361,894,000,000	30,150,580,000,000	0.509505754
INTP	2017	14,431,211,000,000	28,863,676,000,000	0.499978277
INTP	2018	15,190,283,000,000	27,788,562,000,000	0.546637966
INTP	2019	15,939,348,000,000	27,707,749,000,000	0.575266796
KAEF	2014	4,521,024,379,759	2,968,184,626,297	1.523161443
KAEF	2015	4,860,371,483,524	3,236,224,076,311	1.501864942
KAEF	2016	5,811,502,656,431	4,612,562,541,064	1.259929292
KAEF	2017	6,127,479,369,403	6,096,148,972,533	1.005139375
KAEF	2018	7,636,245,960,236	9,460,427,317,681	0.8071777

KAEF	2019	9,400,535,476,000	18,352,877,132,000	0.512210451
KDSI	2014	1,626,232,662,544	952,177,443,047	1.70790925
KDSI	2015	1,713,946,192,967	1,177,093,668,866	1.456083095
KDSI	2016	1,995,337,146,834	1,142,273,020,550	1.746812812
KDSI	2017	2,245,519,457,754	1,328,291,727,616	1.69053184
KDSI	2018	2,237,951,625,610	1,391,416,464,512	1.60839812
KDSI	2019	2,234,941,096,110	1,253,650,408,375	1.782746674
KLBF	2014	17,368,532,547,558	12,425,032,367,729	1.397866181
KLBF	2015	17,887,464,223,321	13,696,417,381,439	1.305995847
KLBF	2016	19,374,230,957,505	15,226,009,210,657	1.272443139
KLBF	2017	20,182,120,166,616	16,616,239,416,335	1.214602153
KLBF	2018	21,074,306,186,027	18,146,206,145,369	1.161361555
KLBF	2019	22,633,476,361,038	20,264,726,862,584	1.116890275
NIKL	2014	2,026,675,040,000	1,510,452,360,000	1.341766939
NIKL	2015	1,894,930,724,050	1,568,775,180,380	1.207904579
NIKL	2016	1,769,041,306,388	1,607,856,453,312	1.100248286
NIKL	2017	2,056,490,818,860	1,708,712,249,868	1.203532554
NIKL	2018	2,362,363,017,831	2,139,961,806,972	1.103927654
NIKL	2019	2,267,048,602,389	2,108,628,483,178	1.07512946
PRAS	2014	445,664,542,004	1,286,827,899,805	0.346328007
PRAS	2015	469,645,085,526	1,531,742,052,164	0.306608469
PRAS	2016	366,709,612,329	1,596,466,547,662	0.229700781
PRAS	2017	348,471,154,143	1,542,243,721,302	0.225950769
PRAS	2018	578,869,742,811.00	1,635,543,021,515	0.353931224
PRAS	2019	340,551,346,339	1,657,127,269,798	0.205507056
PYFA	2014	222,302,407,528	2,926,360,857,000	0.07596548
PYFA	2015	217,843,921,422	3,268,667,933,000	0.066646085
PYFA	2016	216,951,583,953	4,368,876,996,000	0.049658433
PYFA	2017	223,002,490,278	5,060,337,247,000	0.044068701
PYFA	2018	250,445,853,364	5,538,079,503,000	0.04522251
PYFA	2019	247,114,772,587	5,571,270,204,000	0.044355194
SMBR	2014	1,214,914,932,000	2,926,360,857,000	0.415162378
SMBR	2015	1,461,248,284,000	3,268,667,933,000	0.447047028
SMBR	2016	1,522,808,093,000	4,368,876,996,000	0.348558244
SMBR	2017	1,551,524,990,000	5,060,337,247,000	0.306605057
SMBR	2018	1,995,807,528,000	5,538,079,503,000	0.360378995
SMBR	2019	1,999,516,771,000	5,571,270,204,000	0.358897827
SMCB	2014	10,528,723,000,000	17,195,352,000,000	0.612300522
SMCB	2015	9,239,022,000,000	17,321,565,000,000	0.533382636

SMCB	2016	9,458,403,000,000	19,763,133,000,000	0.478588238
SMCB	2017	9,382,120,000,000	19,626,403,000,000	0.478035634
SMCB	2018	10,377,729,000,000	18,667,187,000,000	0.555934271
SMCB	2019	11,057,843,000,000	19,567,498,000,000	0.56511277
SRSN	2014	472,834,591,000	463,347,124,000	1.020475938
SRSN	2015	531,573,325,000	574,073,314,000	0.925967663
SRSN	2016	500,539,666,000	717,149,704,000	0.697957014
SRSN	2017	521,481,727,000	652,726,454,000	0.798928439
SRSN	2018	600,986,872,000	686,777,211,000	0.875082723
SRSN	2019	684,464,392,000	779,246,858,000	0.878366573
STAR	2014	228,622,027,943	775,917,827,931	0.294647216
STAR	2015	258,967,329,940	729,020,553,284	0.355226377
STAR	2016	129,480,611,941	690,187,353,961	0.187602122
STAR	2017	114,496,159,735	614,705,038,056	0.186261951
STAR	2018	131,833,235,355	615,956,006,710	0.214030278
STAR	2019	78,512,610,966	579,813,156,839	0.135410192
STTP	2014	2,170,464,194,350	1,700,204,093,895	1.276590382
STTP	2015	2,544,277,844,656	1,919,568,037,170	1.32544291
STTP	2016	2,629,107,367,897	2,336,411,494,941	1.125275823
STTP	2017	2,825,409,180,889	2,342,432,443,196	1.206185984
STTP	2018	2,826,957,323,397	2,631,189,810,030	1.074402657
STTP	2019	3,512,509,168,853	2,881,563,083,954	1.218959664
TSPC	2014	7,512,115,037,587	5,592,730,492,960	1.343192748
TSPC	2015	8,181,481,867,179	6,284,729,099,203	1.301803425
TSPC	2016	9,138,328,993,842	6,585,807,349,438	1.387579155
TSPC	2017	9,565,462,045,199	7,434,900,309,021	1.286562247
TSPC	2018	10,088,118,830,780	7,869,975,060,326	1.281848894
TSPC	2019	10,993,842,057,747	8,372,769,580,743	1.313047248
UNVR	2014	34,511,534,000,000	14,280,670,000,000	2.416660703
UNVR	2015	36,484,030,000,000	15,729,945,000,000	2.319399718
UNVR	2016	40,053,732,000,000	16,745,695,000,000	2.391882332
UNVR	2017	41,204,510,000,000	18,906,413,000,000	2.17939331
UNVR	2018	41,802,073,000,000	19,522,970,000,000	2.141173858
UNVR	2019	42,922,563,000,000	20,649,371,000,000	2.078637795

LAMPIRAN 6

TABULASI DATA LIKUIDITAS

Kode	Tahun	aset lancar	liabilitas jangka pendek	Current ratio
AUTO	2014	5,138,080,000,000	3,857,809,000,000	1.331864797
AUTO	2015	4,796,770,000,000	3,625,907,000,000	1.322915894
AUTO	2016	4,903,902,000,000	3,258,146,000,000	1.505120397
AUTO	2017	5,228,541,000,000	3,041,502,000,000	1.719065449
AUTO	2018	6,013,683,000,000	4,066,699,000,000	1.478762751
AUTO	2019	5,544,549,000,000	3,438,999,000,000	1.612256648
BIMA	2014	86,879,500,495	94,025,048,182	0.924003786
BIMA	2015	83,401,850,883	89,655,828,325	0.930244608
BIMA	2016	79,300,156,166	89,438,951,168	0.88664005
BIMA	2017	72,385,157,397	84,180,581,813	0.859879509
BIMA	2018	80,207,862,904	84,043,258,686	0.954364028
BIMA	2019	83,827,868,074	56,494,542,352	1.483822412
DVLA	2014	925,293,721,000	178,583,390,000	5.181297774
DVLA	2015	1,043,830,034,000	296,298,118,000	3.522904705
DVLA	2016	1,068,967,094,000	374,427,510,000	2.854937379
DVLA	2017	1,175,655,601,000	441,622,865,000	2.662125751
DVLA	2018	1,203,372,372,000	416,537,366,000	2.888990209
DVLA	2019	1,280,212,333,000	439,444,037,000	2.913254533
GDYR	2014	782,418,751,120	828,585,083,920	0.94428293
GDYR	2015	802,045,093,625	856,371,390,050	0.936562224
GDYR	2016	632,641,127,336	731,824,120,760	0.864471544
GDYR	2017	786,021,252,576	913,234,439,100	0.860700406
GDYR	2018	696,354,160,716	1,010,814,419,205	0.688904063
GDYR	2019	577,708,239,354	919,683,751,639	0.628159667
INTP	2014	16,087,370,000,000	3,260,559,000,000	4.933930041
INTP	2015	13,133,854,000,000	2,687,743,000,000	4.886573605
INTP	2016	14,424,622,000,000	3,187,742,000,000	4.525028061
INTP	2017	12,883,074,000,000	3,479,024,000,000	3.703071321
INTP	2018	12,315,796,000,000	3,925,649,000,000	3.137263673
INTP	2019	12,829,494,000,000	3,873,487,000,000	3.312130388
KAEF	2014	2,040,430,857,906	854,811,681,427	2.386994589
KAEF	2015	2,100,921,793,619	1,088,431,346,892	1.93022904
KAEF	2016	2,906,737,458,288	1,696,208,867,581	1.713667175
KAEF	2017	3,662,090,215,984	2,369,507,448,768	1.545506944
KAEF	2018	5,369,546,726,061	3,774,304,481,466	1.422658599

KAEF	2019	7,344,787,123,000	7,392,140,277,000	0.993594121
KDSI	2014	556,324,706,587	406,688,594,384	1.367937814
KDSI	2015	731,258,691,057	632,245,408,415	1.156605776
KDSI	2016	709,583,883,699	575,996,641,235	1.231923648
KDSI	2017	841,180,578,033	709,035,285,125	1.186373366
KDSI	2018	824,176,454,137	704,831,802,004	1.169323592
KDSI	2019	629,203,673,926	507,508,226,950	1.239790097
KLBF	2014	8,120,805,370,192	2,385,920,172,489	3.403636661
KLBF	2015	8,748,491,608,702	2,365,880,490,863	3.697774102
KLBF	2016	9,572,529,767,897	2,317,161,787,100	4.131144325
KLBF	2017	10,043,950,500,578	2,227,336,011,715	4.509400669
KLBF	2018	10,648,288,386,726	2,286,167,471,594	4.657702692
KLBF	2019	11,222,490,978,401	2,577,108,805,851	4.35468264
NIKL	2014	1,141,780,520,000	1,023,289,520,000	1.115794208
NIKL	2015	1,080,229,490,445	987,439,657,735	1.09397013
NIKL	2016	1,179,028,200,044	1,007,547,541,708	1.170196096
NIKL	2017	1,282,182,896,124	1,084,089,093,528	1.182728342
NIKL	2018	1,589,605,435,800	1,471,685,436,396	1.080125818
NIKL	2019	1,635,991,007,928	1,437,911,697,143	1.13775485
PRAS	2014	566,779,211,419	564,899,086,298	1.00332825
PRAS	2015	658,889,212,539	655,589,698,468	1.005032895
PRAS	2016	687,016,688,458	682,161,682,936	1.007117089
PRAS	2017	622,230,971,388	650,095,154,148	0.957138301
PRAS	2018	639,455,076,770.56	776,997,095,215	0.822982583
PRAS	2019	545,073,353,346	906,030,161,469	<u>0.60160619</u>
PYFA	2014	78,077,523,686	47,994,726,116	1.626793817
PYFA	2015	72,745,997,374	36,534,059,349	1.991182986
PYFA	2016	83,106,443,468	37,933,579,448	2.190841062
PYFA	2017	78,364,312,306	22,245,115,479	3.522764913
PYFA	2018	91,387,136,759	33,141,647,397	2.757471156
PYFA	2019	95,946,418,919	27,198,123,189	<u>3.527685284</u>
SMBR	2014	2,335,768,747,000	179,749,240,000	12.99459595
SMBR	2015	1,938,566,969,000	255,994,894,000	7.572678262
SMBR	2016	838,232,034,000	292,237,689,000	2.868322826
SMBR	2017	1,123,602,449,000	668,827,967,000	1.679957335
SMBR	2018	1,358,329,865,000	636,408,215,000	2.134368842
SMBR	2019	1,071,983,297,000	468,526,330,000	2.287989443
SMCB	2014	2,290,969,000,000	3,807,545,000,000	0.601691904
SMCB	2015	2,581,774,000,000	3,957,441,000,000	0.65238471

SMCB	2016	2,439,964,000,000	5,311,358,000,000	0.459386093
SMCB	2017	2,927,011,000,000	5,384,803,000,000	0.543568818
SMCB	2018	2,597,672,000,000	9,739,775,000,000	0.266707598
SMCB	2019	3,206,838,000,000	2,963,506,000,000	1.082109501
SRSN	2014	335,892,148,000	116,994,521,000	2.871007506
SRSN	2015	440,739,212,000	203,379,900,000	2.1670736
SRSN	2016	481,542,567,000	276,341,289,000	1.74256467
SRSN	2017	422,532,126,000	198,217,020,000	2.131664203
SRSN	2018	448,247,260,000	182,749,220,000	2.452799853
SRSN	2019	537,425,364,000	217,673,718,000	2.468949256
STAR	2014	457,148,015,947	262,328,823,129	1.742652639
STAR	2015	412,696,940,471	228,149,112,195	1.808891284
STAR	2016	386,235,136,503	193,182,418,174	1.999328615
STAR	2017	321,284,372,984	115,972,411,559	2.770351747
STAR	2018	332,865,525,071	115,834,635,089	2.873626915
STAR	2019	579,106,848,960	89,743,087,070	6.452941033
STTP	2014	799,430,399,430	538,631,479,995	1.484188038
STTP	2015	875,469,433,776	554,491,047,968	1.578870276
STTP	2016	921,133,961,428	556,752,312,634	1.654477118
STTP	2017	947,986,050,367	358,963,437,494	2.64089863
STTP	2018	1,250,806,822,918	676,673,564,908	1.848464145
STTP	2019	1,165,406,301,686	408,490,550,651	2.852957798
TSPC	2014	3,714,700,991,066	1,237,332,206,210	3.002185648
TSPC	2015	4,304,922,144,352	1,696,486,657,073	2.537551431
TSPC	2016	4,385,083,916,291	1,653,413,220,121	2.65214035
TSPC	2017	5,049,363,864,387	2,002,621,403,597	2.521377159
TSPC	2018	5,130,662,268,849	2,039,075,034,339	2.516171393
TSPC	2019	5,432,638,388,008	1,953,608,306,055	2.780822733
UNVR	2014	6,337,170,000,000	8,864,832,000,000	0.714866339
UNVR	2015	6,623,114,000,000	10,127,542,000,000	0.653970529
UNVR	2016	6,588,109,000,000	10,878,074,000,000	0.605631934
UNVR	2017	7,941,635,000,000	12,532,304,000,000	0.633693134
UNVR	2018	8,325,029,000,000	11,134,786,000,000	0.747659542
UNVR	2019	8,530,334,000,000	13,065,308,000,000	0.652899572

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TABULASI DATA LEVERAGE (DER)

Kode	Tahun	liabilitas	Ekuitas	DER
AUTO	2014	2,978,773,000,000	4,647,913,000,000	0.640883984
AUTO	2015	4,195,684,000,000	10,143,426,000,000	0.413635787
AUTO	2016	4,075,716,000,000	10,536,558,000,000	0.386816644
AUTO	2017	4,003,233,000,000	10,759,076,000,000	0.372079628
AUTO	2018	4,626,013,000,000	11,263,635,000,000	0.410703383
AUTO	2019	4,365,175,000,000	11,650,534,000,000	0.374675959
BIMA	2014	297,977,547,605	-193,918,969,257	-1.536608557
BIMA	2015	301,570,909,687	-202,012,514,927	-1.492832807
BIMA	2016	189,216,746,183	-97,175,471,622	-1.94716571
BIMA	2017	173,964,702,574	-84,637,373,721	-2.055412342
BIMA	2018	179,038,284,760	-80,847,643,921	-2.214514562
BIMA	2019	182,048,878,564	64,487,893,211	2.822993115
DVLA	2014	273,816,042,000	962,431,483,000	0.284504452
DVLA	2015	402,760,903,000	973,517,334,000	0.413717238
DVLA	2016	451,785,946,000	1,079,579,612,000	0.418483214
DVLA	2017	524,586,078,000	1,116,300,069,000	0.469932855
DVLA	2018	482,559,876,000	1,200,261,863,000	0.402045496
DVLA	2019	523,881,726,000	1,306,078,988,000	0.401110293
GDYR	2014	840,952,546,280	720,245,671,280	1.167591254
GDYR	2015	880,587,077,870	765,375,252,215	1.150529855
GDYR	2016	760,254,454,912	756,143,804,764	1.005436334
GDYR	2017	950,906,712,396	725,869,636,404	1.310024093
GDYR	2018	1,037,165,827,968	787,678,471,368	1.316737559
GDYR	2019	945,305,157,373	740,779,869,482	1.276094554
INTP	2014	4,100,172,000,000	24,784,801,000,000	0.165430903
INTP	2015	3,772,410,000,000	23,865,950,000,000	0.158066618
INTP	2016	4,011,877,000,000	26,138,703,000,000	0.153484165
INTP	2017	4,307,169,000,000	24,556,507,000,000	0.175398276
INTP	2018	4,566,973,000,000	23,221,589,000,000	0.196669272
INTP	2019	4,627,488,000,000	23,080,261,000,000	0.20049548
KAEF	2014	1,157,040,676,384	1,811,143,949,913	0.638845232
KAEF	2015	1,374,127,253,841	1,862,096,822,470	0.737946189
KAEF	2016	2,341,155,131,870	2,271,407,409,194	1.030706831
KAEF	2017	3,523,628,217,406	2,572,520,755,127	1.369718091
KAEF	2018	6,103,967,587,830	3,356,459,729,851	1.818573163

KAEF	2019	10,939,950,304,000	7,412,926,828,000	1.475793645
KDSI	2014	555,679,416,109	396,498,026,938	1.401468301
KDSI	2015	798,172,379,792	378,921,289,074	2.10643319
KDSI	2016	722,488,734,446	419,784,286,104	1.721095235
KDSI	2017	842,752,226,515	485,539,501,101	1.735702707
KDSI	2018	836,245,435,111	555,171,029,401	1.506284354
KDSI	2019	645,444,999,358	608,205,409,017	1.061228641
KLBF	2014	2,607,556,689,283	9,817,475,678,446	0.26560358
KLBF	2015	2,758,131,396,170	10,938,285,985,269	0.252153893
KLBF	2016	2,762,162,069,572	12,463,847,141,085	0.221613924
KLBF	2017	2,722,207,633,646	13,894,031,782,689	0.1959264
KLBF	2018	2,851,611,349,015	15,294,594,796,354	0.186445695
KLBF	2019	3,559,144,386,553	16,705,582,476,031	0.2130512
NIKL	2014	1,066,518,520,000	443,933,840,000	2.402426722
NIKL	2015	1,051,885,317,795	516,889,862,585	2.035027951
NIKL	2016	1,070,317,080,656	537,539,372,656	1.991141738
NIKL	2017	1,144,481,444,112	564,230,805,756	2.02839234
NIKL	2018	1,516,503,552,156	623,458,254,816	2.432405924
NIKL	2019	1,474,198,506,117	634,429,977,061	2.323658338
PRAS	2014	601,006,310,349	685,821,589,456	0.876330404
PRAS	2015	811,177,918,367	720,564,133,797	1.125753948
PRAS	2016	903,464,665,102	693,001,882,560	1.303697274
PRAS	2017	865,838,417,894	676,405,303,408	1.280058588
PRAS	2018	947,413,883,530	688,129,187,984	1.376796538
PRAS	2019	1,011,402,296,454	645,724,973,344	1.566305065
PYFA	2014	76,177,686,068	96,558,938,621	0.788924228
PYFA	2015	58,729,478,032	101,222,059,197	0.58020434
PYFA	2016	61,554,005,181	105,508,790,427	0.583401676
PYFA	2017	50,707,930,330	108,856,000,711	0.46582577
PYFA	2018	68,129,603,054	118,977,560,800	0.57262565
PYFA	2019	66,060,214,687	124,725,993,563	0.529642722
SMBR	2014	209,113,746,000	2,717,247,111,000	0.076957942
SMBR	2015	319,315,349,000	2,949,352,584,000	0.108266252
SMBR	2016	1,248,119,294,000	3,120,757,702,000	0.399941108
SMBR	2017	1,647,477,388,000	3,412,859,859,000	0.482726352
SMBR	2018	2,064,408,447,000	3,473,671,056,000	0.594301652
SMBR	2019	2,088,977,112,000	3,482,293,092,000	0.599885494
SMCB	2014	8,436,760,000,000	8,758,592,000,000	0.963255281
SMCB	2015	8,871,708,000,000	8,449,857,000,000	1.04992404

SMCB	2016	11,702,538,000,000	8,060,595,000,000	1.451820616
SMCB	2017	12,429,452,000,000	7,196,951,000,000	1.727044133
SMCB	2018	12,250,837,000,000	6,416,350,000,000	1.909315577
SMCB	2019	12,584,886,000,000	6,982,612,000,000	1.802317815
SRSN	2014	134,510,685,000	328,836,439,000	0.409050425
SRSN	2015	233,993,478,000	340,079,836,000	0.688054548
SRSN	2016	315,096,071,000	402,053,633,000	0.783716512
SRSN	2017	237,220,555,000	415,505,899,000	0.570919825
SRSN	2018	208,989,195,000	477,788,016,000	0.437409872
SRSN	2019	264,646,295,000	514,600,563,000	0.514275176
STAR	2014	285,744,500,913	490,173,327,018	0.582945838
STAR	2015	239,344,544,398	489,676,008,886	0.488781439
STAR	2016	200,161,402,637	490,025,951,324	0.408471025
STAR	2017	124,422,750,504	490,282,287,552	0.25377778
STAR	2018	124,601,429,706	491,354,577,004	0.253587604
STAR	2019	89,794,451,847	490,018,704,992	0.183246988
STTP	2014	882,610,280,834	1,700,204,093,895	0.519120195
STTP	2015	910,758,598,913	1,008,809,438,257	0.902805391
STTP	2016	1,167,899,357,271	1,168,512,137,670	0.999475589
STTP	2017	957,660,374,836	1,384,772,068,360	0.691565346
STTP	2018	984,801,863,078	1,646,387,946,952	0.598159058
STTP	2019	733,556,075,974	2,148,007,007,980	0.341505439
TSPC	2014	1,460,391,494,410	4,132,338,998,550	0.35340554
TSPC	2015	1,947,588,124,083	4,337,140,975,120	0.44904884
TSPC	2016	1,950,534,206,746	4,635,273,142,692	0.420802431
TSPC	2017	2,352,891,899,876	5,082,008,409,145	0.462984653
TSPC	2018	2,437,126,989,832	5,432,848,070,494	0.448591044
TSPC	2019	2,581,733,610,850	5,791,035,969,893	0.445815502
UNVR	2014	9,681,888,000,000	4,598,782,000,000	2.105315712
UNVR	2015	10,902,585,000,000	4,827,360,000,000	2.258498434
UNVR	2016	12,041,437,000,000	4,704,258,000,000	2.559688903
UNVR	2017	13,733,025,000,000	5,173,388,000,000	2.654551524
UNVR	2018	11,944,837,000,000	7,578,133,000,000	1.576224249
UNVR	2019	15,367,509,000,000	5,281,862,000,000	2.909487033

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TABULASI DATA LEVERGAE (DAR)

Kode	Tahun	utang jangka panjang	Total Asset	DAR
AUTO	2014	386,560,000,000	2,050,219,000,000	0.188545711
AUTO	2015	569,777,000,000	14,339,110,000,000	0.039735869
AUTO	2016	817,570,000,000	14,612,274,000,000	0.055950908
AUTO	2017	961,731,000,000	14,762,309,000,000	0.065147735
AUTO	2018	559,314,000,000	7,307,404,000,000	0.076540725
AUTO	2019	926,176,000,000	16,015,709,000,000	0.057829223
BIMA	2014	203,952,499,423	104,058,578,348	1.959977761
BIMA	2015	211,915,081,362	99,558,394,760	2.128550605
BIMA	2016	99,777,795,015	92,041,274,561	1.084054904
BIMA	2017	89,784,120,761	89,327,328,853	1.005113686
BIMA	2018	94,995,026,074	98,190,640,839	0.967454996
BIMA	2019	125,554,336,212	246,536,771,775	0.509272249
DVLA	2014	95,232,652,000	1,236,247,525,000	0.077033644
DVLA	2015	106,462,785,000	1,376,278,237,000	0.077355568
DVLA	2016	77,358,436,000	1,531,365,558,000	0.050515983
DVLA	2017	82,963,213,000	1,640,886,147,000	0.050560006
DVLA	2018	66,022,510,000	1,682,821,739,000	0.039233217
DVLA	2019	84,437,689,000	1,829,960,714,000	0.046141804
GDYR	2014	12,367,462,360	1,566,613,374,440	0.007894393
GDYR	2015	24,215,687,820	1,645,962,330,085	0.014712176
GDYR	2016	28,161,614,152	1,516,129,539,676	0.018574675
GDYR	2017	37,672,273,296	1,676,776,348,800	0.022467083
GDYR	2018	26,349,960,663	1,824,842,851,236	0.014439578
GDYR	2019	25,621,405,734	1,686,085,026,855	0.015195797
INTP	2014	839,613,000,000	28,884,635,000,000	0.029067807
INTP	2015	1,084,667,000,000	27,638,360,000,000	0.039244984
INTP	2016	824,135,000,000	30,150,580,000,000	0.027333968
INTP	2017	828,145,000,000	28,863,676,000,000	0.028691598
INTP	2018	641,324,000,000	27,788,562,000,000	0.023078704
INTP	2019	745,001,000,000	27,707,749,000,000	0.026887821
KAEF	2014	302,228,994,957	2,968,184,626,297	0.101822842
KAEF	2015	285,695,906,949	3,236,224,076,311	0.088280632
KAEF	2016	644,946,264,289	4,612,562,541,064	0.139823852
KAEF	2017	1,154,120,768,637	6,096,148,972,533	0.189319647
KAEF	2018	2,239,663,106,364	9,460,427,317,681	0.236740163

KAEF	2019	3,547,810,027,000	18,352,877,132,000	0.193310836
KDSI	2014	148,990,821,725	952,177,443,047	0.156473799
KDSI	2015	165,926,971,377	1,177,093,668,866	0.140963269
KDSI	2016	146,492,093,211	1,142,273,020,550	0.128246129
KDSI	2017	133,716,941,390	1,328,291,727,616	0.100668354
KDSI	2018	131,413,633,107	1,391,416,464,512	0.094445938
KDSI	2019	137,936,772,408	1,253,650,408,375	0.1100281
KLBF	2014	221,636,516,794	12,425,032,367,729	0.017837903
KLBF	2015	392,250,905,307	13,696,417,381,439	0.028638942
KLBF	2016	445,000,282,472	15,226,009,210,657	0.029226324
KLBF	2017	494,871,621,931	16,616,239,416,335	0.029782408
KLBF	2018	565,443,877,421	18,146,206,145,369	0.031160446
KLBF	2019	982,035,580,702	20,264,726,862,584	0.048460341
NIKL	2014	43,229,000,000	1,510,452,360,000	0.028619903
NIKL	2015	64,445,660,060	1,568,775,180,380	0.041080239
NIKL	2016	62,769,538,948	1,607,856,453,312	0.039039268
NIKL	2017	60,392,350,584	1,708,712,249,868	0.03534378
NIKL	2018	44,818,115,760	2,139,961,806,972	0.020943419
NIKL	2019	36,286,808,974	2,108,628,483,178	0.017208726
PRAS	2014	36,107,224,051	1,286,827,899,805	0.028059093
PRAS	2015	155,588,219,899	1,531,742,052,164	0.101575993
PRAS	2016	221,302,982,166	1,596,466,547,662	0.138620494
PRAS	2017	215,743,263,746	1,542,243,721,302	0.139889215
PRAS	2018	170,416,738,315	1,635,543,021,515	0.104195815
PRAS	2019	105,372,134,985	1,657,127,269,798	0.063587231
PYFA	2014	28,182,959,952	2,926,360,857,000	0.009630719
PYFA	2015	22,195,418,683	3,268,667,933,000	0.006790356
PYFA	2016	23,620,425,733	4,368,876,996,000	0.005406521
PYFA	2017	28,462,814,851	5,060,337,247,000	0.005624687
PYFA	2018	34,987,995,657	5,538,079,503,000	0.006317713
PYFA	2019	38,864,091,498	5,571,270,204,000	0.006975804
SMBR	2014	29,364,506,000	2,926,360,857,000	0.010034479
SMBR	2015	63,320,455,000	3,268,667,933,000	0.019371945
SMBR	2016	955,881,605,000	4,368,876,996,000	0.218793435
SMBR	2017	978,649,421,000	5,060,337,247,000	0.193396087
SMBR	2018	1,428,000,232,000	5,538,079,503,000	0.257851161
SMBR	2019	1,620,450,782,000	5,571,270,204,000	0.290858408
SMCB	2014	4,629,215,000,000	17,195,352,000,000	0.269213157
SMCB	2015	4,914,267,000,000	17,321,565,000,000	0.283708025

SMCB	2016	6,391,180,000,000	19,763,133,000,000	0.323389009
SMCB	2017	7,044,649,000,000	19,626,403,000,000	0.358937346
SMCB	2018	2,551,062,000,000	18,667,187,000,000	0.136660226
SMCB	2019	9,621,380,000,000	19,567,498,000,000	0.491702107
SRSN	2014	17,516,164,000	463,347,124,000	0.037803545
SRSN	2015	30,613,578,000	574,073,314,000	0.053326948
SRSN	2016	38,754,782,000	717,149,704,000	0.054040017
SRSN	2017	39,003,535,000	652,726,454,000	0.059754794
SRSN	2018	26,239,975,000	686,777,211,000	0.038207405
SRSN	2019	46,972,577,000	779,246,858,000	0.060279456
STAR	2014	23,415,677,784	775,917,827,931	0.030178038
STAR	2015	11,195,432,203	729,020,553,284	0.015356813
STAR	2016	6,978,984,463	690,187,353,961	0.010111725
STAR	2017	8,450,338,945	614,705,038,056	0.013746982
STAR	2018	8,766,794,617	615,956,006,710	0.014232826
STAR	2019	51,364,777	579,813,156,839	8.85885E-05
STTP	2014	343,978,800,839	1,700,204,093,895	0.202316182
STTP	2015	356,267,550,945	1,919,568,037,170	0.185597772
STTP	2016	611,147,044,637	2,336,411,494,941	0.261575089
STTP	2017	598,696,937,342	2,342,432,443,196	0.255587707
STTP	2018	308,128,298,170	2,631,189,810,030	0.11710607
STTP	2019	325,065,525,323	2,881,563,083,954	0.112808749
TSPC	2014	223,059,288,200	5,592,730,492,960	0.03988379
TSPC	2015	251,101,467,010	6,284,729,099,203	0.039954223
TSPC	2016	297,120,986,625	6,585,807,349,438	0.045115347
TSPC	2017	350,270,496,279	7,434,900,309,021	0.04711166
TSPC	2018	398,051,995,493	7,869,975,060,326	0.050578559
TSPC	2019	628,125,304,795	8,372,769,580,743	0.075020016
UNVR	2014	817,056,000,000	14,280,670,000,000	0.057214122
UNVR	2015	775,043,000,000	15,729,945,000,000	0.049271819
UNVR	2016	1,163,363,000,000	16,745,695,000,000	0.069472363
UNVR	2017	1,200,721,000,000	18,906,413,000,000	0.063508662
UNVR	2018	810,051,000,000	19,522,970,000,000	0.041492201
UNVR	2019	2,302,201,000,000	20,649,371,000,000	0.111490127

LAMPIRAN 9
STATISTIK DESKRIPTIF

	ROE	EPS	MK	SIZE	TATO	CR	DER	DAR
Mean	0.150489	144.6097	1.102485	28.62690	0.975399	2.139365	0.800734	0.152564
Median	0.072044	43.38000	0.217964	28.33009	0.936860	1.667217	0.583174	0.053683
Maximum	2.253687	1431.820	12.82681	31.03723	5.977618	12.99460	2.909487	2.128551
Minimum	-0.200191	-108.0000	-7.142103	25.21557	0.007894	0.266708	-2.214515	8.86E-05
Std. Dev.	0.359865	286.4681	3.190834	1.586051	0.808321	1.709126	0.918483	0.318256
Skewness	3.653174	2.755077	1.462520	-0.298308	2.387692	2.977227	-0.465367	4.537349
Kurtosis	17.01348	10.08594	6.204914	2.288244	14.90226	17.25684	4.884744	25.45872
Jarque-Bera	1123.922	362.5759	84.72300	3.881465	740.1069	1074.208	19.88337	2640.350
Probability	0.000000	0.000000	0.000000	0.143599	0.000000	0.000000	0.000048	0.000000
Sum	16.23000	15617.84	119.0683	3091.700	105.4200	230.9900	86.49000	16.54000
Sum Sq. Dev.	13.83829	8780845.	1089.412	269.0851	69.90337	312.4287	90.31783	10.83513
Observations	108	108	108	108	108	108	108	108

LAMPIRAN 10
UJI CHOW PERSAMAAN 1

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	5.951870	(13,64)	0.0000
Cross-section Chi-square	66.572349	13	0.0000

LAMPIRAN 11
UJI CHOW PERSAMAAN 2

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	13.449020	(11,54)	0.0000
Cross-section Chi-square	94.966754	11	0.0000

LAMPIRAN 12
UJI HAUSMAN PERSAMAAN 1

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	16.519661	6	0.0112

LAMPIRAN 13
UJI HAUSMAN PERSAMAAN 2

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	22.875720	6	0.0008

LAMPIRAN 14
REGRESI DATA PANEL PERSAMAAN 1

Dependent Variable: ROE

Method: Panel Least Squares

Date: 01/29/21 Time: 23:15

Sample: 2014 2019

Periods included: 6

Cross-sections included: 14

Total panel (balanced) observations: 84

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.743148	0.877262	-1.987032	0.0512
MK	0.025532	0.005544	4.605461	0.0000
SIZE	0.057985	0.029524	1.964003	0.0539
TATO	0.183619	0.052070	3.526394	0.0008
CR	0.003249	0.003994	0.813463	0.4190
DER	-0.019235	0.021779	-0.883188	0.3804
DAR	-0.098147	0.104252	-0.941439	0.3500

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.869250	Mean dependent var	0.077738
Adjusted R-squared	0.830434	S.D. dependent var	0.073687
S.E. of regression	0.030343	Akaike info criterion	-3.948237
Sum squared resid	0.058925	Schwarz criterion	-3.369471
Log likelihood	185.8260	Hannan-Quinn criter.	-3.715578
F-statistic	22.39389	Durbin-Watson stat	1.322158
Prob(F-statistic)	0.000000		

LAMPIRAN 15
REGRESI DATA PANEL PERSAMAAN 2

Dependent Variable: EPS

Method: Panel Least Squares

Date: 02/02/21 Time: 20:03

Sample: 2014 2019

Periods included: 6

Cross-sections included: 12

Total panel (balanced) observations: 72

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-2531.601	857.3748	-2.952735	0.0047
MK	23.65909	6.118567	3.866770	0.0003
SIZE	86.02470	28.83458	2.983387	0.0043
TATO	136.8136	47.72519	2.866695	0.0059
CR	-8.678673	4.581794	-1.894165	0.0636
DER	-105.4795	53.77734	-1.961412	0.0550
DAR	-70.79461	116.3374	-0.608529	0.5454

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.862441	Mean dependent var	41.83333
Adjusted R-squared	0.819135	S.D. dependent var	62.72430
S.E. of regression	26.67554	Akaike info criterion	9.617689
Sum squared resid	38425.57	Schwarz criterion	10.18686
Log likelihood	-328.2368	Hannan-Quinn criter.	9.844276
F-statistic	19.91516	Durbin-Watson stat	1.488003
Prob(F-statistic)	0.000000		

LAMPIRAN 16
UJI MULTIKOLINEARITAS PERSAMAAN 1

	MK	SIZE	TATO	CR	DER	DAR
MK	1	0.532481001437	0.199782836509	0.501584294463	-0.568803009257	-0.328303320643
SIZE	0.532481001437 2051	1	0.253209653314	0.110947222182	-0.038758377400	0.355392020697
TATO	0.199782836509	0.253209653314	1	0.036925301260	-0.000771211083	0.140309881375
CR	0.501584294463	0.110947222182	0.036925301260	1	-0.685202902618	-0.375025160057
DER	-0.568803009257	-0.038758377400	-0.000771211083	-0.685202902618	1	0.506757723090
DAR	-0.328303320643	0.355392020697	0.140309881375	-0.375025160057	0.506757723090	1

LAMPIRAN 17
UJI MULTIKOLINEARITAS PERSAMAAN 2

	MK	SIZE	TATO	CR	DER	DAR
MK	1	0.325961876095	0.367401137124	0.464877108905	-0.571266250309	-0.316238503705
SIZE	0.325961876095	1	0.324828910826	-0.014273675246	-0.000340567631	0.532181145354
TATO	0.367401137124	0.324828910826	1	-0.066625108390	0.142541146051	-0.067643140051
CR	0.464877108905	-0.014273675246	-0.066625108390	1	-0.824506054784	-0.380745881783
DER	-0.571266250309	-0.000340567631	0.142541146051	-0.824506054784	1	0.424190772731
DAR	-0.316238503705	0.532181145354	-0.067643140051	-0.380745881783	0.424190772731	1

LAMPIRAN 18
UJI HETEROSKEDASTISITAS PERSAMAAN 1

Dependent Variable: RESABS

Method: Panel Least Squares

Date: 01/29/21 Time: 23:18

Sample: 2014 2019

Periods included: 6

Cross-sections included: 14

Total panel (balanced) observations: 84

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.437218	0.488102	0.895751	0.3737
MK	-0.000536	0.003085	-0.173762	0.8626
SIZE	-0.014541	0.016427	-0.885192	0.3794
TATO	-0.009620	0.028971	-0.332041	0.7409
CR	-0.000637	0.002222	-0.286455	0.7755
DER	0.000558	0.012118	0.046060	0.9634
DAR	0.091750	0.058005	1.581755	0.1186

LAMPIRAN 19
UJI HETEROSKEDASTISITAS PERSAMAAN 2

Dependent Variable: RESABS1

Method: Panel Least Squares

Date: 02/02/21 Time: 20:11

Sample: 2014 2019

Periods included: 6

Cross-sections included: 12

Total panel (balanced) observations: 72

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	461.3736	462.4162	0.997745	0.3229
MK	2.994771	3.299986	0.907510	0.3682
SIZE	-14.78998	15.55163	-0.951024	0.3458
TATO	-30.14690	25.74008	-1.171204	0.2467
CR	3.152051	2.471143	1.275544	0.2076
DER	43.04613	29.00425	1.484132	0.1436
DAR	-13.72540	62.74534	-0.218748	0.8277

LAMPIRAN 20
UJI SIMULTAN (UJI F) PERSAMAAN 1

R-squared	0.869250	Mean dependent var	0.077738
Adjusted R-squared	0.830434	S.D. dependent var	0.073687
S.E. of regression	0.030343	Akaike info criterion	-3.948237
Sum squared resid	0.058925	Schwarz criterion	-3.369471
Log likelihood	185.8260	Hannan-Quinn criter.	-3.715578
F-statistic	22.39389	Durbin-Watson stat	1.322158
Prob(F-statistic)	0.000000		

LAMPIRAN 21
UJI SIMULTAN (UJI F) PERSAMAAN 2

R-squared	0.862441	Mean dependent var	41.83333
Adjusted R-squared	0.819135	S.D. dependent var	62.72430
S.E. of regression	26.67554	Akaike info criterion	9.617689
Sum squared resid	38425.57	Schwarz criterion	10.18686
Log likelihood	-328.2368	Hannan-Quinn criter.	9.844276
F-statistic	19.91516	Durbin-Watson stat	1.488003
Prob(F-statistic)	0.000000		

LAMPIRAN 22
UJI PARSIAL (UJI T) PERSAMAAN 1

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.743148	0.877262	-1.987032	0.0512
MK	0.025532	0.005544	4.605461	0.0000
SIZE	0.057985	0.029524	1.964003	0.0539

TATO	0.183619	0.052070	3.526394	0.0008
CR	0.003249	0.003994	0.813463	0.4190
DER	-0.019235	0.021779	-0.883188	0.3804
DAR	-0.098147	0.104252	-0.941439	0.3500

LAMPIRAN 23
UJI PARSIAL (UJI T) PERSAMAAN 2

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-2531.601	857.3748	-2.952735	0.0047
MK	23.65909	6.118567	3.866770	0.0003
SIZE	86.02470	28.83458	2.983387	0.0043
TATO	136.8136	47.72519	2.866695	0.0059
CR	-8.678673	4.581794	-1.894165	0.0636
DER	-105.4795	53.77734	-1.961412	0.0550
DAR	-70.79461	116.3374	-0.608529	0.5454