

LAMPIRAN

Lampiran 1
Data Sampel Perusahaan

No	Kode	Nama Perusahaan
1	AKSI	Mineral Sumberdaya Mandiri TBK
2	ASSA	Adi Sarana Armada TBK
3	BIRD	Blue Bird TBK
4	BLTA	Berlian Laju Tanker TBK
5	BPTR	Batavia Prosperindo Trans TBK
6	CMPP	AirAsia Indonesia TBK
7	DEAL	Dewata Freightinternational TBK
8	GIAA	Garuda Indonesia (Persero) TBK
9	HELI	Jaya Trishindo TBK
10	JAYA	Armada Berjaya Trans TBK
11	KJEN	Krida Jaringan Nusantara TBK
12	LRNA	Eka Sari Lorena Transport TBK
13	MIRA	Mitra Internasional Resources
14	PURA	Putra Rajawali Kencana TBK
15	SAFE	Steady Safe TBK
16	SAPX	Satria Antaran Prima TBK
17	SDMU	Sidomulyo Selaras TBK
18	SMDR	Samudera Indonesia TBK
19	TAXI	Express Transindo Utama TBK
20	TMAS	Temas TBK
21	TRUK	Guna Timur Raya TBK
22	WEHA	WEHA Transportasi Indonesia

Lampiran 2

Perhitungan *Working capital* untuk *Acrual Quality* (F-Score)

No	Kode	Nama Perusahaan	Tahun	F- Score		
				Accrual Quality		
				Working Capital (WC)		Total WC
				Current Assets - Current Liability		
				Current Assets	Current Liability	
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp 148,724,982,545,000	Rp 99,631,561,298,000	Rp 49,093,421,247,000
			2020	Rp 165,109,516,135,000	Rp 114,959,432,645,000	Rp 50,150,083,490,000
			2021	Rp 150,043,015,990,000	Rp 83,977,625,835,000	Rp 66,065,390,155,000
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 652,506,417,924,000	Rp 1,240,237,695,433,000	-Rp 587,731,277,509,000
			2020	Rp 627,688,164,688,000	Rp 1,436,932,364,028,000	-Rp 809,244,199,340,000
			2021	Rp 1,061,788,861,867,000	Rp 1,182,732,810,012,000	-Rp 120,943,948,145,000
3	BIRD	PT Blue Bird TBK	2019	Rp 938,785,000,000	Rp 753,515,000,000	Rp 185,270,000,000
			2020	Rp 1,241,604,000,000	Rp 639,864,000,000	Rp 601,740,000,000
			2021	Rp 1,366,505,000,000	Rp 565,041,000,000	Rp 801,464,000,000
4	BLTA	PT Berlian Laju Tanker TBK	2019	Rp 72,610,472,879	Rp 133,074,297,636	-Rp 60,463,824,757
			2020	Rp 90,153,653,032	Rp 178,182,623,413	-Rp 88,028,970,381
			2021	Rp 202,551,012,839	Rp 152,778,930,100	Rp 49,772,082,739
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 40,277,548,078,000	Rp 165,747,918,407,000	-Rp 125,470,370,329,000
			2020	Rp 32,947,871,930,000	Rp 150,765,896,036,000	-Rp 117,818,024,106,000
			2021	Rp 51,176,784,882,000	Rp 159,848,739,818,000	-Rp 108,671,954,936,000
6	CMPP	PT AirAsia Indonesia TBK	2019	Rp 945,905,221,392,000	Rp 2,007,253,622,193,000	-Rp 1,061,348,400,801,000
			2020	Rp 172,660,668,664,000	Rp 4,957,130,972,939,000	-Rp 4,784,470,304,275,000
			2021	Rp 165,547,101,103,000	Rp 6,601,734,213,455,000	-Rp 6,436,187,112,352,000
7	DEAL	PT Dewata Freight international TBK	2019	Rp 110,924,913,091,000	Rp 110,399,868,528,000	Rp 525,044,563,000
			2020	Rp 115,979,973,335,000	Rp 152,334,287,682,000	-Rp 36,354,314,347,000
			2021	Rp 69,272,490,998,000	Rp 129,569,093,377,000	-Rp 60,296,602,379,000
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	Rp 16,409,443,314,038	Rp 47,146,689,826,339	-Rp 30,737,246,512,301
			2020	Rp 7,567,661,156,559	Rp 60,575,426,727,786	-Rp 53,007,765,571,227
			2021	Rp 4,361,270,028,531	Rp 82,329,717,332,382	-Rp 77,968,447,303,852
9	HELI	PT Jaya Trishindo TBK	2019	Rp 83,695,056,368,000	Rp 49,378,265,088,000	Rp 34,316,791,280,000
			2020	Rp 147,384,406,503,000	Rp 133,722,885,753,000	Rp 13,661,520,750,000
			2021	Rp 107,007,105,513,000	Rp 104,231,114,388,000	Rp 2,775,991,125,000
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp 14,988,217,105,000	Rp 18,670,103,563,000	-Rp 3,681,886,458,000
			2020	Rp 20,236,527,028,000	Rp 11,810,512,910,000	Rp 8,426,014,118,000
			2021	Rp 54,823,160,889,000	Rp 6,974,418,958,000	Rp 47,848,741,931,000
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 5,318,745,267,000	Rp 1,222,391,000,000	Rp 4,096,354,267,000
			2020	Rp 10,198,668,815,000	Rp 4,739,828,485,000	Rp 5,458,840,330,000
			2021	Rp 7,517,165,587,000	Rp 2,688,790,390,000	Rp 4,828,375,197,000

12	LRNA	PT Eka Sari Lorena Transport TBK	2019	Rp 37,973,876,818,000	Rp 16,654,963,274,000	Rp 21,318,913,544,000
			2020	Rp 19,404,955,562,000	Rp 24,273,678,406,000	-Rp 4,868,722,844,000
			2021	Rp 19,325,367,668,000	Rp 19,204,829,670,000	Rp 120,537,998,000
13	MIRA	PT Mitra Internasional Resources	2019	Rp 80,168,401,538,000	Rp 50,490,247,279,000	Rp 29,678,154,259,000
			2020	Rp 55,211,778,498,000	Rp 47,140,889,442,000	Rp 8,070,889,056,000
			2021	Rp 54,436,318,441,000	Rp 49,557,803,766,000	Rp 4,878,514,675,000
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 51,275,070,810,000	Rp 25,170,407,099,000	Rp 26,104,663,711,000
			2020	Rp 82,003,359,113,000	Rp 25,431,224,871,000	Rp 56,572,134,242,000
			2021	Rp 78,544,307,987,000	Rp 25,697,834,879,000	Rp 52,846,473,108,000
15	SAFE	PT Steady Safe TBK	2019	Rp 25,440,029,597,000	Rp 190,967,041,916,000	-Rp 165,527,012,319,000
			2020	Rp 20,982,095,779,000	Rp 187,447,337,837,000	-Rp 166,465,242,058,000
			2021	Rp 27,205,306,574,000	Rp 323,987,512,785,000	-Rp 296,782,206,211,000
16	SAPX	PT Satria Antarana Prima TBK	2019	Rp 161,057,570,000,000	Rp 31,755,734,984,000	Rp 129,301,835,016,000
			2020	Rp 167,091,764,767,000	Rp 58,399,139,946,000	Rp 108,692,624,821,000
			2021	Rp 189,616,124,655,000	Rp 61,866,044,671,000	Rp 127,750,079,984,000
17	SDMU	PT Sidomulyo Selaras TBK	2019	Rp 64,816,994,246,000	Rp 111,678,713,109,000	-Rp 46,861,718,863,000
			2020	Rp 42,602,225,466,000	Rp 141,011,386,027,000	-Rp 98,409,160,561,000
			2021	Rp 45,210,701,607,000	Rp 156,558,710,680,000	-Rp 111,348,009,073,000
18	SMDR	PT Samudera Indonesia TBK	2019	Rp 3,100,675,611,111	Rp 2,444,501,763,889	Rp 656,173,847,222
			2020	Rp 3,502,182,704,225	Rp 2,705,486,563,380	Rp 796,696,140,845
			2021	Rp 6,048,578,239,437	Rp 4,177,996,338,028	Rp 1,870,581,901,408
19	TAXI	PT Express Transindo Utama TBK	2019	Rp 209,703,468,000	Rp 720,977,430,000	-Rp 511,273,962,000
			2020	Rp 160,199,112,000	Rp 582,958,840,000	-Rp 422,759,728,000
			2021	Rp 81,644,827,000	Rp 11,342,151,000	Rp 70,302,676,000
20	TMAS	PT Temas TBK	2019	Rp 518,940,000,000	Rp 982,055,000,000	-Rp 463,115,000,000
			2020	Rp 410,184,000,000	Rp 902,798,000,000	-Rp 492,614,000,000
			2021	Rp 1,138,374,000,000	Rp 997,061,000,000	Rp 141,313,000,000
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 16,320,043,246,000	Rp 14,420,323,854,000	Rp 1,899,719,392,000
			2020	Rp 10,950,372,543,000	Rp 16,591,014,668,000	-Rp 5,640,642,125,000
			2021	Rp 7,315,713,528,000	Rp 11,305,872,300,000	-Rp 3,990,158,772,000
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 20,607,998,968,000	Rp 39,953,268,587,000	-Rp 19,345,269,619,000
			2020	Rp 11,358,991,009,000	Rp 30,824,345,288,000	-Rp 19,465,354,279,000
			2021	Rp 12,590,158,246,000	Rp 29,778,574,564,000	-Rp 17,188,416,318,000

19	TAXI	PT Express Transindo Utama TBK	2019	Rp 479,265,331,000	Rp 209,703,468,000	Rp 3,400,249,000	Rp 933,327,880,000	Rp 720,977,430,000	Rp 212,350,450,000	Rp 266,161,614,000
			2020	Rp 243,302,339,000	Rp 160,199,112,000	Rp 36,866,000	Rp 763,628,958,000	Rp 582,958,840,000	Rp 180,670,118,000	Rp 83,066,361,000
			2021	Rp 91,040,495,000	Rp 81,644,827,000	Rp 32,560,000	Rp 14,972,234,000	Rp 11,342,151,000	Rp 3,630,083,000	Rp 9,363,108,000
20	TMAS	PT Temas TBK	2019	Rp 3,266,151,000,000	Rp 518,940,000,000	Rp 7,450,000,000	Rp 2,082,994,000,000	Rp 982,055,000,000	Rp 1,100,939,000,000	Rp 2,739,761,000,000
			2020	Rp 3,837,040,000,000	Rp 410,184,000,000	Rp 59,821,000,000	Rp 2,626,095,000,000	Rp 902,798,000,000	Rp 1,723,297,000,000	Rp 3,367,035,000,000
			2021	Rp 4,051,811,000,000	Rp 1,138,374,000,000	Rp 26,923,000,000	Rp 2,509,761,000,000	Rp 997,061,000,000	Rp 1,512,700,000,000	Rp 2,886,514,000,000
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 98,890,963,872,000	Rp 16,320,043,246,000	Rp 1,876,910,312,000	Rp 25,916,237,978,000	Rp 14,420,323,854,000	Rp 11,495,914,124,000	Rp 80,694,010,314,000
			2020	Rp 86,141,743,970,000	Rp 10,950,372,543,000	Rp 327,553,393,000	Rp 22,650,488,908,000	Rp 16,591,014,668,000	Rp 6,059,474,240,000	Rp 74,863,818,034,000
			2021	Rp 76,740,944,634,000	Rp 7,315,713,528,000	Rp 327,553,393,000	Rp 18,063,690,866,000	Rp 11,305,872,300,000	Rp 6,757,818,566,000	Rp 69,097,677,713,000
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 269,602,629,189,000	Rp 20,607,998,968,000	Rp 2,848,927,379,000	Rp 117,734,528,422,000	Rp 39,953,268,587,000	Rp 77,781,259,835,000	Rp 246,145,702,842,000
			2020	Rp 220,884,904,490,000	Rp 11,358,991,009,000	Rp 1,015,171,317,000	Rp 102,887,883,658,000	Rp 30,824,345,288,000	Rp 72,063,538,380,000	Rp 208,510,742,174,000
			2021	Rp 222,474,205,597,000	Rp 12,590,158,246,000	Rp 1,044,926,417,000	Rp 113,973,603,426,000	Rp 29,778,574,564,000	Rp 84,195,028,864,000	Rp 208,839,120,936,000

Lampiran 4

Perhitungan *Financial Accrual* untuk *Accrual Quality* (F-Score)

No	Kode	Nama Perusahaan	Tahun	F- Score		
				Accrual Quality		
				Financial Accrual (FIN)		Total FIN
				Total Investment -Total Liability		
				Total Investment	Total Liability	
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp -	Rp 171,206,489,746,000	-Rp 171,206,489,746,000
			2020	Rp -	Rp 191,770,130,645,000	-Rp 191,770,130,645,000
			2021	Rp -	Rp 145,261,996,537,000	-Rp 145,261,996,537,000
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 30,112,143,317,000	Rp 3,511,071,376,393,000	-Rp 3,480,959,233,076,000
			2020	Rp 36,356,429,433,000	Rp 3,731,575,182,568,000	-Rp 3,695,218,753,135,000
			2021	Rp 42,397,641,373,000	Rp 4,266,438,743,626,000	-Rp 4,224,041,102,253,000
3	BIRD	PT Blue Bird TBK	2019	Rp -	Rp 2,016,202,000,000	-Rp 2,016,202,000,000
			2020	Rp -	Rp 2,017,591,000,000	-Rp 2,017,591,000,000
			2021	Rp -	Rp 1,450,558,000,000	-Rp 1,450,558,000,000
4	BLTA	PT Berlian Laju Tanker TBK	2019	Rp 428,188,289,291	Rp 511,268,247,566	-Rp 83,079,958,275
			2020	Rp 438,507,023,977	Rp 538,196,629,055	-Rp 99,689,605,078
			2021	Rp 513,638,972,896	Rp 545,758,730,385	-Rp 32,119,757,489
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp -	Rp 317,641,249,208,000	-Rp 317,641,249,208,000
			2020	Rp -	Rp 311,837,466,207,000	-Rp 311,837,466,207,000
			2021	Rp -	Rp 572,021,955,910,000	-Rp 572,021,955,910,000
6	CMPP	PT AirAsia Indonesia TBK	2019	Rp -	Rp 2,806,387,704,648,000	-Rp 2,806,387,704,648,000
			2020	Rp -	Rp 8,990,927,886,117,000	-Rp 8,990,927,886,117,000
			2021	Rp -	Rp 10,354,172,604,375,000	-Rp 10,354,172,604,375,000
7	DEAL	PT Dewata Freight international TBK	2019	Rp -	Rp 149,811,341,327,000	-Rp 149,811,341,327,000
			2020	Rp -	Rp 207,781,445,025,000	-Rp 207,781,445,025,000
			2021	Rp -	Rp 205,297,057,648,000	-Rp 205,297,057,648,000
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	Rp 1,561,546,049,204	Rp 54,052,863,719,248	-Rp 52,491,317,670,043
			2020	Rp 1,465,461,241,185	Rp 179,591,038,843,441	-Rp 178,125,577,602,257
			2021	Rp 1,222,292,011,412	Rp 189,768,973,965,763	-Rp 188,546,681,954,351
9	HELI	PT Jaya Trishindo TBK	2019	Rp -	Rp 67,743,589,307,000	-Rp 67,743,589,307,000
			2020	Rp -	Rp 203,647,281,067,000	-Rp 203,647,281,067,000
			2021	Rp -	Rp 160,316,617,953,000	-Rp 160,316,617,953,000
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp -	Rp 28,411,416,470,000	-Rp 28,411,416,470,000
			2020	Rp -	Rp 15,456,969,921,000	-Rp 15,456,969,921,000
			2021	Rp 5,121,767,875,000	Rp 11,730,638,222,000	-Rp 6,608,870,347,000
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp -	Rp 2,053,419,204,000	-Rp 2,053,419,204,000
			2020	Rp -	Rp 9,174,455,556,000	-Rp 9,174,455,556,000
			2021	Rp -	Rp 6,897,790,934,000	-Rp 6,897,790,934,000

12	LRNA	PT Eka Sari Lorena Transport TBK	2019	Rp -	Rp 41,462,629,189,000	-Rp 41,462,629,189,000
			2020	Rp -	Rp 52,352,752,945,000	-Rp 52,352,752,945,000
			2021	Rp -	Rp 47,302,648,250,000	-Rp 47,302,648,250,000
13	MIRA	PT Mitra Internasional Resources	2019	Rp 6,755,000,000,000	Rp 116,925,646,360,000	-Rp 110,170,646,360,000
			2020	Rp 5,870,000,000,000	Rp 101,678,044,013,000	-Rp 95,808,044,013,000
			2021	Rp 72,350,000,000,000	Rp 98,256,140,568,000	-Rp 25,906,140,568,000
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp -	Rp 40,439,113,638,000	-Rp 40,439,113,638,000
			2020	Rp -	Rp 42,333,171,356,000	-Rp 42,333,171,356,000
			2021	Rp -	Rp 40,209,635,669,000	-Rp 40,209,635,669,000
15	SAFE	PT Steady Safe TBK	2019	Rp 558,850,000,000	Rp 408,955,063,516,000	-Rp 408,396,213,516,000
			2020	Rp 558,850,000,000	Rp 391,040,622,215,000	-Rp 390,481,772,215,000
			2021	Rp 558,850,000,000	Rp 366,839,357,213,000	-Rp 366,280,507,213,000
16	SAPX	PT Satria Antarana Prima TBK	2019	Rp 9,874,800,000,000	Rp 50,346,447,863,000	-Rp 40,471,647,863,000
			2020	Rp 13,357,890,000,000	Rp 72,437,684,990,000	-Rp 59,079,794,990,000
			2021	Rp 10,412,897,025,000	Rp 82,857,759,922,000	-Rp 72,444,862,897,000
17	SDMU	PT Sidomulyo Selaras TBK	2019	Rp -	Rp 166,615,624,916,000	-Rp 166,615,624,916,000
			2020	Rp -	Rp 169,445,987,429,000	-Rp 169,445,987,429,000
			2021	Rp -	Rp 171,094,237,876,000	-Rp 171,094,237,876,000
18	SMDR	PT Samudera Indonesia TBK	2019	Rp 339,263,555,556	Rp 3,755,602,625,000	-Rp 3,416,339,069,444
			2020	Rp 362,440,408,451	Rp 4,681,319,535,211	-Rp 4,318,879,126,761
			2021	Rp 387,371,098,592	Rp 6,301,282,295,775	-Rp 5,913,911,197,183
19	TAXI	PT Express Transindo Utama TBK	2019	Rp 1,949,908,000	Rp 933,327,880,000	-Rp 931,377,972,000
			2020	Rp -	Rp 763,628,958,000	-Rp 763,628,958,000
			2021	Rp -	Rp 14,972,234,000	-Rp 14,972,234,000
20	TMAS	PT Temas TBK	2019	Rp 3,556,000,000	Rp 2,082,994,000,000	-Rp 2,079,438,000,000
			2020	Rp -	Rp 2,626,095,000,000	-Rp 2,626,095,000,000
			2021	Rp 22,853,000,000	Rp 2,509,761,000,000	-Rp 2,486,908,000,000
21	TRUK	PT Guna Timur Raya TBK	2019	Rp -	Rp 25,916,237,978,000	-Rp 25,916,237,978,000
			2020	Rp -	Rp 22,650,488,908,000	-Rp 22,650,488,908,000
			2021	Rp -	Rp 18,063,690,866,000	-Rp 18,063,690,866,000
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 990,000,000,000	Rp 117,734,528,422,000	-Rp 116,744,528,422,000
			2020	Rp 990,000,000,000	Rp 102,887,883,658,000	-Rp 101,897,883,658,000
			2021	Rp 990,000,000,000	Rp 113,973,603,426,000	-Rp 112,983,603,426,000

Lampiran 5

Perhitungan *Acrual Quality* untuk *Acrual Quality* (F-Score)

No	Kode	Nama Perusahaan	Tahun	F- Score		
				Accrual Quality		
				Average Total Asssets (ATS)		Total ATS
				Begining Total Asset + End Total Asset / 2		
				Begining Total Asset	End Total Assets	
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp 275,005,973,287,000	Rp 285,177,567,739,000	Rp 280,091,770,513,000
			2020	Rp 285,177,567,739,000	Rp 298,261,244,290,000	Rp 291,719,406,014,500
			2021	Rp 298,261,244,290,000	Rp 275,990,708,661,000	Rp 287,125,976,475,500
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 4,062,536,132,739,000	Rp 4,849,223,630,042,000	Rp 4,455,879,881,390,500
			2020	Rp 4,849,223,630,042,000	Rp 5,170,895,098,267,000	Rp 5,010,059,364,154,500
			2021	Rp 5,170,895,098,267,000	Rp 6,031,946,733,670,000	Rp 5,601,420,915,968,500
3	BIRD	PT Blue Bird TBK	2019	Rp 6,955,157,000,000	Rp 7,424,304,000,000	Rp 7,189,730,500,000
			2020	Rp 7,424,304,000,000	Rp 7,253,114,000,000	Rp 7,338,709,000,000
			2021	Rp 7,253,114,000,000	Rp 6,598,137,000,000	Rp 6,925,625,500,000
4	BLTA	PT Berlian Laju Tanker TBK	2019	Rp 992,330,083,449	Rp 937,588,720,445	Rp 964,959,401,947
			2020	Rp 950,812,820,874	Rp 931,919,506,347	Rp 941,366,163,611
			2021	Rp 942,554,821,683	Rp 1,003,262,995,720	Rp 972,908,908,702
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 548,878,317,131,000	Rp 536,133,980,207,000	Rp 542,506,148,669,000
			2020	Rp 536,133,980,207,000	Rp 536,303,219,831,000	Rp 536,218,600,019,000
			2021	Rp 536,303,219,831,000	Rp 816,739,145,113,000	Rp 676,521,182,472,000
6	CMPP	PT AirAsia Indonesia TBK	2019	Rp 2,845,045,212,353,000	Rp 2,613,070,074,932,000	Rp 2,729,057,643,642,500
			2020	Rp 2,613,070,074,932,000	Rp 6,080,516,085,752,000	Rp 4,346,793,080,342,000
			2021	Rp 6,080,516,085,752,000	Rp 5,149,094,524,206,000	Rp 5,614,805,304,979,000
7	DEAL	PT Dewata Freight international TBK	2019	Rp 250,166,940,746,000	Rp 275,487,784,551,000	Rp 262,827,362,648,500
			2020	Rp 275,487,784,551,000	Rp 283,270,056,415,000	Rp 279,378,920,483,000
			2021	Rp 283,270,056,415,000	Rp 170,331,201,369,000	Rp 226,800,628,892,000
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	Rp 60,137,117,264,834	Rp 64,481,559,681,621	Rp 62,309,338,473,227
			2020	Rp 62,844,510,211,566	Rp 152,185,901,368,124	Rp 107,515,205,789,845
			2021	Rp 153,922,687,689,016	Rp 102,606,923,823,110	Rp 128,264,805,756,063
9	HELI	PT Jaya Trishindo TBK	2019	Rp 264,566,083,938,000	Rp 193,198,983,272,000	Rp 228,882,533,605,000
			2020	Rp 193,198,983,272,000	Rp 335,775,952,688,000	Rp 264,487,467,980,000
			2021	Rp 335,775,952,688,000	Rp 301,477,751,273,000	Rp 318,626,851,980,500
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp 52,075,344,303,000	Rp 92,504,089,394,000	Rp 72,289,716,848,500
			2020	Rp 92,504,089,394,000	Rp 82,202,146,171,000	Rp 87,353,117,782,500
			2021	Rp 82,202,146,171,000	Rp 121,943,097,733,000	Rp 102,072,621,952,000
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 39,342,424,864,000	Rp 67,668,621,418,000	Rp 53,505,523,141,000
			2020	Rp 67,668,621,418,000	Rp 73,132,687,738,000	Rp 70,400,654,578,000
			2021	Rp 73,132,687,738,000	Rp 69,136,014,725,000	Rp 71,134,351,231,500

12	LRNA	PT Eka Sari Lorena Transport TBK	2019	Rp 312,059,443,277,000	Rp 302,636,796,677,000	Rp 307,348,119,977,000
			2020	Rp 302,636,796,677,000	Rp 270,508,602,770,000	Rp 286,572,699,723,500
			2021	Rp 270,508,602,770,000	Rp 239,333,983,354,000	Rp 254,921,293,062,000
13	MIRA	PT Mitra Internasional Resources	2019	Rp 320,777,602,224,000	Rp 351,483,053,912,000	Rp 336,130,328,068,000
			2020	Rp 351,483,053,912,000	Rp 317,031,964,534,000	Rp 334,257,509,223,000
			2021	Rp 317,031,964,534,000	Rp 301,506,104,882,000	Rp 309,269,034,708,000
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 54,559,800,146,000	Rp 221,944,953,895,000	Rp 138,252,377,020,500
			2020	Rp 221,944,953,895,000	Rp 453,512,469,841,000	Rp 337,728,711,868,000
			2021	Rp 453,512,469,841,000	Rp 481,497,710,848,000	Rp 467,505,090,344,500
15	SAFE	PT Steady Safe TBK	2019	Rp 347,841,814,370,000	Rp 357,452,208,844,000	Rp 352,647,011,607,000
			2020	Rp 357,452,208,844,000	Rp 322,122,601,641,000	Rp 339,787,405,242,500
			2021	Rp 322,122,601,641,000	Rp 298,604,232,055,000	Rp 310,363,416,848,000
16	SAPX	PT Satria Antarana Prima TBK	2019	Rp 161,057,570,000,000	Rp 157,166,234,017,000	Rp 159,111,902,008,500
			2020	Rp 157,166,234,017,000	Rp 210,419,761,255,000	Rp 183,792,997,636,000
			2021	Rp 210,419,761,255,000	Rp 61,151,425,484,000	Rp 135,785,593,369,500
17	SDMU	PT Sidomulyo Selaras TBK	2019	Rp 255,711,905,396,000	Rp 217,821,047,351,000	Rp 236,766,476,373,500
			2020	Rp 217,821,047,351,000	Rp 177,182,837,855,000	Rp 197,501,942,603,000
			2021	Rp 177,182,837,855,000	Rp 169,199,466,266,000	Rp 173,191,152,060,500
18	SMDR	PT Samudera Indonesia TBK	2019	Rp 8,330,427,027,778	Rp 7,183,684,208,333	Rp 7,757,055,618,056
			2020	Rp 7,284,862,859,155	Rp 8,086,537,183,099	Rp 7,685,700,021,127
			2021	Rp 8,086,537,183,099	Rp 11,678,608,676,056	Rp 9,882,572,929,577
19	TAXI	PT Express Transindo Utama TBK	2019	Rp 1,269,024,960,000	Rp 479,265,331,000	Rp 874,145,145,500
			2020	Rp 479,265,331,000	Rp 243,302,339,000	Rp 361,283,835,000
			2021	Rp 243,302,339,000	Rp 91,040,495,000	Rp 167,171,417,000
20	TMAS	PT Temas TBK	2019	Rp 2,837,426,000,000	Rp 3,266,151,000,000	Rp 3,051,788,500,000
			2020	Rp 3,266,151,000,000	Rp 3,837,040,000,000	Rp 3,551,595,500,000
			2021	Rp 3,837,040,000,000	Rp 4,051,811,000,000	Rp 3,944,425,500,000
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 94,392,166,037,000	Rp 98,890,963,872,000	Rp 96,641,564,954,500
			2020	Rp 98,890,963,872,000	Rp 86,141,743,970,000	Rp 92,516,353,921,000
			2021	Rp 86,141,743,970,000	Rp 76,740,944,634,000	Rp 81,441,344,302,000
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 331,404,130,533,000	Rp 269,602,629,189,000	Rp 300,503,379,861,000
			2020	Rp 269,602,629,189,000	Rp 220,884,904,490,000	Rp 245,243,766,839,500
			2021	Rp 220,884,904,490,000	Rp 222,474,205,597,000	Rp 221,679,555,043,500

Lampiran 6

Perhitungan *Change In Receivable* untuk *Financial Performance* (F-Score)

No	Kode	Nama Perusahaan	Tahun	F- Score			
				Financial Performance			Total CIR
				Change In Receivable (CIR)			
				Receivable / Average Total Aset			
				Receivable	Average total aset		
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp 100,124,804,698,000	Rp 280,091,770,513,000	0.36	
			2020	Rp 94,543,931,458,000	Rp 291,719,406,014,500	0.32	
			2021	Rp 59,374,477,820,000	Rp 287,125,976,475,500	0.21	
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 298,878,052,527,000	Rp 4,455,879,881,390,500	0.07	
			2020	Rp 355,411,446,708,000	Rp 5,010,059,364,154,500	0.07	
			2021	Rp 336,927,925,926,000	Rp 5,601,420,915,968,500	0.06	
3	BIRD	PT Blue Bird TBK	2019	Rp 119,609,000,000	Rp 7,189,730,500,000	0.02	
			2020	Rp 251,057,000,000	Rp 7,338,709,000,000	0.03	
			2021	Rp 307,401,000,000	Rp 6,925,625,500,000	0.04	
4	BLTA	PT Berlian Laju Tanker TBK	2019	Rp 37,366,411,683	Rp 964,959,401,947	0.04	
			2020	Rp 43,700,677,010	Rp 941,366,163,611	0.05	
			2021	Rp 36,709,186,876	Rp 972,908,908,702	0.04	
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 19,902,767,803,000	Rp 542,506,148,669,000	0.04	
			2020	Rp 19,452,220,422,000	Rp 536,218,600,019,000	0.04	
			2021	Rp 26,865,120,049,000	Rp 676,521,182,472,000	0.04	
6	CMPP	PT AirAsia Indonesia TBK	2019	Rp 345,034,901,441,000	Rp 2,729,057,643,642,500	0.13	
			2020	Rp 38,490,246,570,000	Rp 4,346,793,080,342,000	0.01	
			2021	Rp 32,860,024,241,000	Rp 5,614,805,304,979,000	0.01	
7	DEAL	PT Dewata Freight international TBK	2019	Rp 755,539,890,968,000	Rp 262,827,362,648,500	2.87	
			2020	Rp 68,884,226,395,000	Rp 279,378,920,483,000	0.25	
			2021	Rp 29,771,462,795,000	Rp 226,800,628,892,000	0.13	
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	Rp 4,160,969,826,339	Rp 62,309,338,473,227	0.07	
			2020	Rp 1,648,792,849,083	Rp 107,515,205,789,845	0.02	
			2021	Rp 1,456,301,868,759	Rp 128,264,805,756,063	0.01	
9	HELI	PT Jaya Trishindo TBK	2019	Rp 4,317,861,720,000	Rp 228,882,533,605,000	0.02	
			2020	Rp 115,430,620,087,000	Rp 264,487,467,980,000	0.44	
			2021	Rp 70,787,107,830,000	Rp 318,626,851,980,500	0.22	
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp 13,119,824,146,000	Rp 72,289,716,848,500	0.18	
			2020	Rp 13,299,591,538,000	Rp 87,353,117,782,500	0.15	
			2021	Rp 17,163,085,428,000	Rp 102,072,621,952,000	0.17	
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 1,129,914,489,000	Rp 53,505,523,141,000	0.02	
			2020	Rp 6,427,206,445,000	Rp 70,400,654,578,000	0.09	
			2021	Rp 4,624,109,879,000	Rp 71,134,351,231,500	0.07	

12	LRNA	PT Eka Sari Lorena Transport TBK	2019	Rp 9,934,131,588,000	Rp 307,348,119,977,000	0.03
			2020	Rp 5,814,527,620,000	Rp 286,572,699,723,500	0.02
			2021	Rp 5,967,855,313,000	Rp 254,921,293,062,000	0.02
13	MIRA	PT Mitra Internasional Resources	2019	Rp 62,782,561,532,000	Rp 336,130,328,068,000	0.19
			2020	Rp 376,766,595,028,000	Rp 334,257,509,223,000	1.13
			2021	Rp 37,823,339,414,000	Rp 309,269,034,708,000	0.12
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 35,251,084,360,000	Rp 138,252,377,020,500	0.25
			2020	Rp 54,151,561,292,000	Rp 337,728,711,868,000	0.16
			2021	Rp 72,993,779,526,000	Rp 467,505,090,344,500	0.16
15	SAFE	PT Steady Safe TBK	2019	Rp 16,164,110,675,000	Rp 352,647,011,607,000	0.05
			2020	Rp 13,857,702,699,000	Rp 339,787,405,242,500	0.04
			2021	Rp 15,231,802,071,000	Rp 310,363,416,848,000	0.05
16	SAPX	PT Satria Antaran Prima TBK	2019	Rp 66,079,548,715,000	Rp 159,111,902,008,500	0.42
			2020	Rp 75,334,969,856,000	Rp 183,792,997,636,000	0.41
			2021	Rp 104,069,365,850,000	Rp 135,785,593,369,500	0.77
17	SDMU	PT Sidomulyo Selaras TBK	2019	Rp 36,658,505,750,000	Rp 236,766,476,373,500	0.15
			2020	Rp 25,001,377,937,000	Rp 197,501,942,603,000	0.13
			2021	Rp 32,234,857,868,000	Rp 173,191,152,060,500	0.19
18	SMDR	PT Samudera Indonesia TBK	2019	Rp 1,683,993,680,556	Rp 7,757,055,618,056	0.22
			2020	Rp 1,531,628,183,099	Rp 7,685,700,021,127	0.20
			2021	Rp 2,341,276,042,254	Rp 9,882,572,929,577	0.24
19	TAXI	PT Express Transindo Utama TBK	2019	Rp 150,395,676,000	Rp 874,145,145,500	0.17
			2020	Rp 75,542,243,000	Rp 361,283,835,000	0.21
			2021	Rp 63,079,406,000	Rp 167,171,417,000	0.38
20	TMAS	PT Temas TBK	2019	Rp 226,881,000,000	Rp 3,051,788,500,000	0.07
			2020	Rp 197,911,000,000	Rp 3,551,595,500,000	0.06
			2021	Rp 319,348,000,000	Rp 3,944,425,500,000	0.08
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 12,604,013,311,000	Rp 96,641,564,954,500	0.13
			2020	Rp 8,798,683,420,000	Rp 92,516,353,921,000	0.10
			2021	Rp 5,945,771,929,000	Rp 81,441,344,302,000	0.07
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 10,027,178,208,000	Rp 300,503,379,861,000	0.03
			2020	Rp 7,563,431,166,000	Rp 245,243,766,839,500	0.03
			2021	Rp 6,118,686,845,000	Rp 221,679,555,043,500	0.03

Lampiran 7

Perhitungan *Change In Inventory* untuk *Financial Performance* (F-Score)

No	Kode	Nama Perusahaan	Tahun	F- Score			
				Financial Performance			Total CII
				Change In Inventori (CII)			
				Inventories / Average Total Aset			
				Inventories	Average Total Aset		
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp -	Rp 280,091,770,513,000	0.00	
			2020	Rp -	Rp 291,719,406,014,500	0.00	
			2021	Rp -	Rp 287,125,976,475,500	0.00	
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 24,554,089,990	Rp 4,455,879,881,390,500	0.00	
			2020	Rp 5,668,136,643,000	Rp 5,010,059,364,154,500	0.00	
			2021	Rp 13,945,262,012,000	Rp 5,601,420,915,968,500	0.00	
3	BIRD	PT Blue Bird TBK	2019	Rp 16,714,000,000	Rp 7,189,730,500,000	0.00	
			2020	Rp 10,401,000,000	Rp 7,338,709,000,000	0.00	
			2021	Rp 11,369,000,000	Rp 6,925,625,500,000	0.00	
4	BLTA	PT Berlian Laju Tanker TBK	2019	Rp 4,626,731,572	Rp 964,959,401,947	0.00	
			2020	Rp 6,305,839,210	Rp 941,366,163,611	0.01	
			2021	Rp 10,591,298,146	Rp 972,908,908,702	0.01	
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 67,153,508,000	Rp 542,506,148,669,000	0.00	
			2020	Rp 235,477,155,000	Rp 536,218,600,019,000	0.00	
			2021	Rp 308,484,331,000	Rp 676,521,182,472,000	0.00	
6	CMPP	PT AirAsia Indonesia TBK	2019	Rp 59,958,238,891,000	Rp 2,729,057,643,642,500	0.02	
			2020	Rp 63,621,490,330,000	Rp 4,346,793,080,342,000	0.01	
			2021	Rp 58,309,538,161,000	Rp 5,614,805,304,979,000	0.01	
7	DEAL	PT Dewata Freight international TBK	2019	Rp 1,725,385,781,000	Rp 262,827,362,648,500	0.01	
			2020	Rp 3,565,147,984,000	Rp 279,378,920,483,000	0.01	
			2021	Rp 9,209,291,340,000	Rp 226,800,628,892,000	0.04	
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	Rp 2,427,559,059,334	Rp 62,309,338,473,227	0.04	
			2020	Rp 1,483,765,952,045	Rp 107,515,205,789,845	0.01	
			2021	Rp 1,041,854,365,193	Rp 128,264,805,756,063	0.01	
9	HELI	PT Jaya Trishindo TBK	2019	Rp -	Rp 228,882,533,605,000	0.00	
			2020	Rp -	Rp 264,487,467,980,000	0.00	
			2021	Rp -	Rp 318,626,851,980,500	0.00	
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp -	Rp 72,289,716,848,500	0.00	
			2020	Rp -	Rp 87,353,117,782,500	0.00	
			2021	Rp -	Rp 102,072,621,952,000	0.00	
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 11,600,018,000	Rp 53,505,523,141,000	0.00	
			2020	Rp 42,322,112,000	Rp 70,400,654,578,000	0.00	
			2021	Rp 15,708,133,000	Rp 71,134,351,231,500	0.00	

12	LRNA	PT Eka Sari Lorena Transport TBK	2019	Rp 6,993,233,364,000	Rp 307,348,119,977,000	0.02
			2020	Rp 6,666,052,170,000	Rp 286,572,699,723,500	0.02
			2021	Rp 6,437,833,775,000	Rp 254,921,293,062,000	0.03
13	MIRA	PT Mitra Internasional Resources	2019	Rp 3,443,676,653,000	Rp 336,130,328,068,000	0.01
			2020	Rp 2,554,065,395,000	Rp 334,257,509,223,000	0.01
			2021	Rp 2,185,554,541,000	Rp 309,269,034,708,000	0.01
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 691,969,606,000	Rp 138,252,377,020,500	0.01
			2020	Rp 76,614,777,000	Rp 337,728,711,868,000	0.00
			2021	Rp 58,114,908,000	Rp 467,505,090,344,500	0.00
15	SAFE	PT Steady Safe TBK	2019	Rp -	Rp 352,647,011,607,000	0.00
			2020	Rp -	Rp 339,787,405,242,500	0.00
			2021	Rp -	Rp 310,363,416,848,000	0.00
16	SAPX	PT Satria Antarana Prima TBK	2019	Rp 431,089,723,000	Rp 159,111,902,008,500	0.00
			2020	Rp 723,575,935,000	Rp 183,792,997,636,000	0.00
			2021	Rp 2,026,336,925,000	Rp 135,785,593,369,500	0.01
17	SDMU	PT Sidomulyo Selaras TBK	2019	Rp 12,342,967,404,000	Rp 236,766,476,373,500	0.05
			2020	Rp 10,783,401,255,000	Rp 197,501,942,603,000	0.05
			2021	Rp 6,896,976,304,000	Rp 173,191,152,060,500	0.04
18	SMDR	PT Samudera Indonesia TBK	2019	Rp 40,001,708,333	Rp 7,757,055,618,056	0.01
			2020	Rp 37,920,112,676	Rp 7,685,700,021,127	0.00
			2021	Rp 41,396,492,958	Rp 9,882,572,929,577	0.00
19	TAXI	PT Express Transindo Utama TBK	2019	Rp 1,973,476,000	Rp 874,145,145,500	0.00
			2020	Rp 1,087,873,000	Rp 361,283,835,000	0.00
			2021	Rp 934,945,000	Rp 167,171,417,000	0.01
20	TMAS	PT Temas TBK	2019	Rp 98,360,000,000	Rp 3,051,788,500,000	0.03
			2020	Rp 59,821,000,000	Rp 3,551,595,500,000	0.02
			2021	Rp 112,280,000,000	Rp 3,944,425,500,000	0.03
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 92,095,000,000	Rp 96,641,564,954,500	0.00
			2020	Rp 8,940,000,000	Rp 92,516,353,921,000	0.00
			2021	Rp 45,405,000,000	Rp 81,441,344,302,000	0.00
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 1,068,700,703,000	Rp 300,503,379,861,000	0.00
			2020	Rp 1,230,323,907,000	Rp 245,243,766,839,500	0.01
			2021	Rp 1,691,721,328,000	Rp 221,679,555,043,500	0.01

Lampiran 8

Perhitungan *Change In Cash Sales* untuk *Financial Performance* (F-Score)

No	Kode	Nama Perusahaan	Tahun	F- Score					Total CICS
				Financial Performance					
				Change In Cash Sales (CICS)					
				(Sales / Sales (t)) - (Receivable / Receivable (t))					
				Sales	Sales (t)	Racaivable	Receivable (t)		
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp 474,271,493,696,000	Rp 319,106,290,160,000	Rp 100,124,804,698,000	Rp 42,514,766,304,000	-0.87	
			2020	Rp 521,617,491,481,000	Rp 474,271,493,696,000	Rp 94,543,931,458,000	Rp 100,124,804,698,000	0.16	
			2021	Rp 479,636,030,718,000	Rp 521,617,491,481,000	Rp 59,374,477,820,000	Rp 94,543,931,458,000	0.29	
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 2,329,565,792,542,000	Rp 1,862,945,638,339,000	Rp 298,878,052,527,000	Rp 224,031,217,757,000	-0.08	
			2020	Rp 3,037,359,367,967,000	Rp 2,329,565,792,542,000	Rp 355,411,446,708,000	Rp 298,878,052,527,000	0.11	
			2021	Rp 5,088,094,179,374,000	Rp 3,037,359,367,967,000	Rp 336,927,925,926,000	Rp 355,411,446,708,000	0.73	
3	BIRD	PT Blue Bird TBK	2019	Rp 4,047,691,000,000	Rp 4,218,702,000,000	Rp 119,609,000,000	Rp 299,060,000,000	0.56	
			2020	Rp 2,046,660,000,000	Rp 4,047,691,000,000	Rp 251,057,000,000	Rp 119,609,000,000	-1.59	
			2021	Rp 2,220,841,000,000	Rp 2,046,660,000,000	Rp 307,401,000,000	Rp 251,057,000,000	-0.14	
4	BLTA	PT Berlian Laju Tanker TBK	2019	Rp 278,885,869,263	Rp 360,852,460,203	Rp 37,366,411,683	Rp 40,074,659,913	-0.16	
			2020	Rp 259,024,485,190	Rp 278,885,869,263	Rp 43,700,677,010	Rp 37,366,411,683	-0.24	
			2021	Rp 280,551,740,371	Rp 259,024,485,190	Rp 36,709,186,876	Rp 43,700,677,010	0.24	
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 162,596,163,771,000	Rp 132,167,476,386,000	Rp 19,902,767,803,000	Rp 22,616,091,519,000	0.35	
			2020	Rp 162,257,365,449,000	Rp 162,596,163,771,000	Rp 19,452,220,422,000	Rp 19,902,767,803,000	0.02	
			2021	Rp 212,042,439,331,000	Rp 162,257,365,449,000	Rp 26,865,120,049,000	Rp 19,452,220,422,000	-0.07	
6	CMPP	PT AirAsia Indonesia TBK	2019	Rp 6,708,800,607,590,000	Rp 4,232,768,047,707,000	Rp 345,034,901,441,000	Rp 194,334,780,006,000	-0.19	
			2020	Rp 1,610,973,387,040,000	Rp 6,708,800,607,590,000	Rp 38,490,246,570,000	Rp 345,034,901,441,000	0.13	
			2021	Rp 626,001,737,959,000	Rp 1,610,973,387,040,000	Rp 32,860,024,241,000	Rp 38,490,246,570,000	-0.47	
7	DEAL	PT Dewata Freight international TBK	2019	Rp 144,400,863,183,000	Rp 236,184,959,298,000	Rp 755,539,890,968,000	Rp 114,875,343,050,000	-5.97	
			2020	Rp 71,141,862,149,000	Rp 144,400,863,183,000	Rp 68,884,226,395,000	Rp 755,539,890,968,000	0.40	
			2021	Rp 86,034,518,419,000	Rp 71,141,862,149,000	Rp 29,771,462,795,000	Rp 68,884,226,395,000	0.78	
8	GLAA	PT Garuda Indonesia (Persero) TBK	2019	Rp 66,174,212,489,146	Rp 60,228,665,660,640	Rp 4,160,969,826,339	Rp 4,258,595,952,712	0.12	
			2020	Rp 21,048,393,497,884	Rp 66,174,212,489,146	Rp 1,648,792,849,083	Rp 4,160,969,826,339	-0.08	
			2021	Rp 19,068,166,476,462	Rp 21,048,393,497,884	Rp 1,456,301,868,759	Rp 1,648,792,849,083	0.02	
9	HELI	PT Jaya Trishindo TBK	2019	Rp 318,024,503,004,000	Rp 279,266,205,363,000	Rp 4,317,861,720,000	Rp 43,137,483,404,000	1.04	
			2020	Rp 143,838,437,841,000	Rp 318,024,503,004,000	Rp 115,430,620,087,000	Rp 4,317,861,720,000	-26.28	
			2021	Rp 63,398,642,323,000	Rp 143,838,437,841,000	Rp 70,787,107,830,000	Rp 115,430,620,087,000	-0.17	
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp 63,419,433,727,000	Rp 30,770,320,009,000	Rp 13,119,824,146,000	Rp 7,803,037,328,000	0.38	
			2020	Rp 65,475,480,450,000	Rp 63,419,433,727,000	Rp 13,299,591,538,000	Rp 13,119,824,146,000	0.02	
			2021	Rp 72,427,580,175,000	Rp 65,475,480,450,000	Rp 17,163,085,428,000	Rp 13,299,591,538,000	-0.18	
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 12,615,551,557,000	Rp 6,473,847,833,000	Rp 1,129,914,489,000	Rp 2,406,404,932,000	1.48	
			2020	Rp 13,158,116,600,000	Rp 12,615,551,557,000	Rp 6,427,206,445,000	Rp 1,129,914,489,000	-4.65	
			2021	Rp 8,447,187,923,000	Rp 13,158,116,600,000	Rp 4,624,109,879,000	Rp 6,427,206,445,000	-0.08	

12	LRNA	PT Eka Sari Lorena Transport TBK	2019	Rp 124,579,469,969,000	Rp 102,242,420,595,000	Rp 9,934,131,588,000	Rp 7,985,757,679,000	-0.03
			2020	Rp 65,046,772,361,000	Rp 124,579,469,969,000	Rp 5,814,527,620,000	Rp 9,934,131,588,000	-0.06
			2021	Rp 70,200,908,124,000	Rp 65,046,772,361,000	Rp 5,967,855,313,000	Rp 5,814,527,620,000	0.05
13	MIRA	PT Mitra Internasional Resources	2019	Rp 131,033,025,029,000	Rp 128,781,272,003,000	Rp 62,782,561,532,000	Rp 119,607,255,135,000	0.49
			2020	Rp 86,959,391,390,000	Rp 131,033,025,029,000	Rp 376,766,595,028,000	Rp 62,782,561,532,000	-5.34
			2021	Rp 85,604,008,684,000	Rp 86,959,391,390,000	Rp 37,823,339,414,000	Rp 376,766,595,028,000	0.88
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 88,464,453,282,000	Rp 34,937,222,415,000	Rp 35,251,084,360,000	Rp 12,494,616,164,000	-0.29
			2020	Rp 95,955,756,721,000	Rp 88,464,453,282,000	Rp 54,151,561,292,000	Rp 35,251,084,360,000	-0.45
			2021	Rp 118,252,970,540,000	Rp 95,955,756,721,000	Rp 72,993,779,526,000	Rp 54,151,561,292,000	-0.12
15	SAFE	PT Steady Safe TBK	2019	Rp 180,073,555,181,000	Rp 80,713,350,908,000	Rp 16,164,110,675,000	Rp 9,315,340,970,000	0.50
			2020	Rp 143,961,352,119,000	Rp 180,073,555,181,000	Rp 13,857,702,699,000	Rp 16,164,110,675,000	-0.06
			2021	Rp 161,057,570,000,000	Rp 143,961,352,119,000	Rp 15,231,802,071,000	Rp 13,857,702,699,000	0.02
16	SAPX	PT Satria Antaran Prima TBK	2019	Rp 394,765,940,589,000	Rp 229,821,404,369,000	Rp 66,079,548,715,000	Rp 47,785,577,124,000	0.33
			2020	Rp 451,599,889,844,000	Rp 394,765,940,589,000	Rp 75,334,969,856,000	Rp 66,079,548,715,000	0.00
			2021	Rp 589,409,749,578,000	Rp 451,599,889,844,000	Rp 104,069,365,850,000	Rp 75,334,969,856,000	-0.08
17	SDMU	PT Sidomulyo Selaras TBK	2019	Rp 106,273,588,474,000	Rp 102,990,754,237,000	Rp 36,658,505,750,000	Rp 68,142,380,082,000	0.49
			2020	Rp 89,009,501,417,000	Rp 106,273,588,474,000	Rp 25,001,377,937,000	Rp 36,658,505,750,000	0.16
			2021	Rp 82,622,335,649,000	Rp 89,009,501,417,000	Rp 32,234,857,868,000	Rp 25,001,377,937,000	-0.36
18	SMDR	PT Samudera Indonesia TBK	2019	Rp 6,095,352,222,222	Rp 6,991,972,782,609	Rp 1,683,993,680,556	Rp 1,954,146,811,594	0.01
			2020	Rp 6,913,234,929,577	Rp 6,095,352,222,222	Rp 1,531,628,183,099	Rp 1,683,993,680,556	0.22
			2021	Rp 9,477,720,225,352	Rp 6,913,234,929,577	Rp 2,341,276,042,254	Rp 1,531,628,183,099	-0.16
19	TAXI	PT Express Transindo Utama TBK	2019	Rp 134,251,103,000	Rp 241,663,924,000	Rp 150,395,676,000	Rp 324,820,321,000	0.09
			2020	Rp 21,541,634,000	Rp 134,251,103,000	Rp 75,542,243,000	Rp 150,395,676,000	-0.34
			2021	Rp 7,263,061,000	Rp 21,541,634,000	Rp 63,079,406,000	Rp 75,542,243,000	-0.50
20	TMAS	PT Temas TBK	2019	Rp 2,512,269,000,000	Rp 2,320,005,000,000	Rp 226,881,000,000	Rp 190,884,000,000	-0.11
			2020	Rp 2,669,618,000,000	Rp 2,512,269,000,000	Rp 197,911,000,000	Rp 226,881,000,000	0.19
			2021	Rp 3,370,324,000,000	Rp 2,669,618,000,000	Rp 319,348,000,000	Rp 197,911,000,000	-0.35
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 49,805,015,656,000	Rp 38,470,982,236,000	Rp 12,604,013,311,000	Rp 9,057,951,085,000	-0.10
			2020	Rp 42,839,805,962,000	Rp 49,805,015,656,000	Rp 8,798,683,420,000	Rp 12,604,013,311,000	0.16
			2021	Rp 39,606,222,648,000	Rp 42,839,805,962,000	Rp 5,945,771,929,000	Rp 8,798,683,420,000	0.25
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 146,173,217,700,000	Rp 159,846,792,883,000	Rp 10,027,178,208,000	Rp 11,638,441,160,000	0.05
			2020	Rp 70,513,990,516,000	Rp 146,173,217,700,000	Rp 7,563,431,166,000	Rp 10,027,178,208,000	-0.27
			2021	Rp 93,434,910,443,000	Rp 70,513,990,516,000	Rp 6,118,686,845,000	Rp 7,563,431,166,000	0.52

Lampiran 9

Perhitungan *Change In Earnings* untuk *Financial Performance* (F-Score)

No	Kode	Nama Perusahaan	Tahun	F- Score				Total CIE
				Financial Performance				
				Change In Earnings (CIE)				
				(Earning (t) / Average Total Aset (t)) - (Earning (t-1) / Average Total Aset (t-1))				
				Earning (t)	Average Total Aset (t)	Earning (t-1)	Average Total Aset (t-1)	
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp 474,271,493,696,000	Rp 280,091,770,513,000	Rp 319,106,290,160,000	Rp 207,872,730,177,000	0.16
			2020	Rp 521,617,491,481,000	Rp 291,719,406,014,500	Rp 474,271,493,696,000	Rp 280,091,770,513,000	0.09
			2021	Rp 479,636,030,718,000	Rp 287,125,976,475,500	Rp 521,617,491,481,000	Rp 291,719,406,014,500	-0.12
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 2,329,565,792,542,000	Rp 4,455,879,881,390,500	Rp 1,862,945,638,339,000	Rp 3,684,966,525,647,000	0.02
			2020	Rp 3,037,359,367,967,000	Rp 5,010,059,364,154,500	Rp 2,329,565,792,542,000	Rp 4,455,879,881,390,500	0.08
			2021	Rp 5,088,094,179,374,000	Rp 5,601,420,915,968,500	Rp 3,037,359,367,967,000	Rp 5,010,059,364,154,500	0.30
3	BIRD	PT Blue Bird TBK	2019	Rp 4,047,691,000,000	Rp 7,189,730,500,000	Rp 4,218,702,000,000	Rp 6,735,822,000,000	-0.06
			2020	Rp 2,046,660,000,000	Rp 7,338,709,000,000	Rp 4,047,691,000,000	Rp 7,189,730,500,000	-0.28
			2021	Rp 2,220,841,000,000	Rp 6,925,625,500,000	Rp 2,046,660,000,000	Rp 7,338,709,000,000	0.04
4	BLTA	PT Berlian Laju Tanker TBK	2019	Rp 278,885,869,263	Rp 964,959,401,947	Rp 360,852,460,203	Rp 1,086,945,606,124	-0.04
			2020	Rp 259,024,485,190	Rp 941,366,163,611	Rp 278,885,869,263	Rp 971,571,452,162	-0.01
			2021	Rp 280,551,740,371	Rp 972,908,908,702	Rp 259,024,485,190	Rp 946,683,821,279	0.01
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 162,596,163,771,000	Rp 542,506,148,669,000	Rp 132,167,476,386,000	Rp 274,604,389,565,500	-0.18
			2020	Rp 162,257,365,449,000	Rp 536,218,600,019,000	Rp 162,596,163,771,000	Rp 542,506,148,669,000	0.00
			2021	Rp 212,042,439,331,000	Rp 676,521,182,472,000	Rp 162,257,365,449,000	Rp 536,218,600,019,000	0.01
6	CMPP	PT AirAsia Indonesia TBK	2019	Rp 6,708,800,607,590,000	Rp 2,729,057,643,642,500	Rp 4,232,768,047,707,000	Rp 1,422,524,151,743,500	-0.52
			2020	Rp 1,610,973,387,040,000	Rp 4,346,793,080,342,000	Rp 6,708,800,607,590,000	Rp 2,729,057,643,642,500	-2.09
			2021	Rp 626,001,737,959,000	Rp 5,614,805,304,979,000	Rp 1,610,973,387,040,000	Rp 4,346,793,080,342,000	-0.26
7	DEAL	PT Dewata Freight international TBK	2019	Rp 144,400,863,183,000	Rp 262,827,362,648,500	Rp 236,184,959,298,000	Rp 199,957,579,011,000	-0.63
			2020	Rp 71,141,862,149,000	Rp 279,378,920,483,000	Rp 144,400,863,183,000	Rp 262,827,362,648,500	-0.29
			2021	Rp 86,034,518,419,000	Rp 226,800,628,892,000	Rp 71,141,862,149,000	Rp 279,378,920,483,000	0.12
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	Rp 66,174,212,489,146	Rp 62,309,338,473,227	Rp 60,228,665,660,640	Rp 56,238,879,167,883	-0.01
			2020	Rp 21,048,393,497,884	Rp 107,515,205,789,845	Rp 66,174,212,489,146	Rp 61,490,813,738,200	-0.88
			2021	Rp 19,068,166,476,462	Rp 128,264,805,756,063	Rp 21,048,393,497,884	Rp 108,383,598,950,291	-0.05
9	HELI	PT Jaya Trishindo TBK	2019	Rp 318,024,503,004,000	Rp 228,882,533,605,000	Rp 279,266,205,363,000	Rp 242,062,994,081,000	0.24
			2020	Rp 143,838,437,841,000	Rp 264,487,467,980,000	Rp 318,024,503,004,000	Rp 228,882,533,605,000	-0.85
			2021	Rp 63,398,642,323,000	Rp 318,626,851,980,500	Rp 143,838,437,841,000	Rp 264,487,467,980,000	-0.34
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp 63,419,433,727,000	Rp 72,289,716,848,500	Rp 30,770,320,009,000	Rp 43,879,672,151,500	0.18
			2020	Rp 65,475,480,450,000	Rp 87,353,117,782,500	Rp 63,419,433,727,000	Rp 72,289,716,848,500	-0.13
			2021	Rp 72,427,580,175,000	Rp 102,072,621,952,000	Rp 65,475,480,450,000	Rp 87,353,117,782,500	-0.04
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 12,615,551,557,000	Rp 53,505,523,141,000	Rp 6,473,847,833,000	Rp 34,429,416,361,000	0.05
			2020	Rp 13,158,116,600,000	Rp 70,400,654,578,000	Rp 12,615,551,557,000	Rp 53,505,523,141,000	-0.05
			2021	Rp 8,447,187,923,000	Rp 71,134,351,231,500	Rp 13,158,116,600,000	Rp 70,400,654,578,000	-0.07

12	LRNA	PT Eka Sari Lorena Transport TBK	2019	Rp 124,579,469,969,000	Rp 307,348,119,977,000	Rp 102,242,420,595,000	Rp 284,569,016,997,500	0.05
			2020	Rp 65,046,772,361,000	Rp 286,572,699,723,500	Rp 124,579,469,969,000	Rp 307,348,119,977,000	-0.18
			2021	Rp 70,200,908,124,000	Rp 254,921,293,062,000	Rp 65,046,772,361,000	Rp 286,572,699,723,500	0.05
13	MIRA	PT Mitra Internasional Resources	2019	Rp 131,033,025,029,000	Rp 336,130,328,068,000	Rp 128,781,272,003,000	Rp 160,575,587,612,000	-0.41
			2020	Rp 86,959,391,390,000	Rp 334,257,509,223,000	Rp 131,033,025,029,000	Rp 336,130,328,068,000	-0.13
			2021	Rp 85,604,008,684,000	Rp 309,269,034,708,000	Rp 86,959,391,390,000	Rp 334,257,509,223,000	0.02
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 88,464,453,282,000	Rp 138,252,377,020,500	Rp 34,937,222,415,000	Rp 51,634,400,073,000	-0.04
			2020	Rp 95,955,756,721,000	Rp 337,728,711,868,000	Rp 88,464,453,282,000	Rp 138,252,377,020,500	-0.36
			2021	Rp 118,252,970,540,000	Rp 467,505,090,344,500	Rp 95,955,756,721,000	Rp 337,728,711,868,000	-0.03
15	SAFE	PT Steady Safe TBK	2019	Rp 180,073,555,181,000	Rp 352,647,011,607,000	Rp 80,713,350,908,000	Rp 198,045,773,671,500	0.10
			2020	Rp 143,961,352,119,000	Rp 339,787,405,242,500	Rp 180,073,555,181,000	Rp 352,647,011,607,000	-0.09
			2021	Rp 161,057,570,000,000	Rp 310,363,416,848,000	Rp 143,961,352,119,000	Rp 339,787,405,242,500	0.10
16	SAPX	PT Satria Antaran Prima TBK	2019	Rp 394,765,940,589,000	Rp 159,111,902,008,500	Rp 229,821,404,369,000	Rp 95,489,910,891,500	0.07
			2020	Rp 451,599,889,844,000	Rp 183,792,997,636,000	Rp 394,765,940,589,000	Rp 159,111,902,008,500	-0.02
			2021	Rp 589,409,749,578,000	Rp 135,785,593,369,500	Rp 451,599,889,844,000	Rp 183,792,997,636,000	1.88
17	SDMU	PT Sidomulyo Selaras TBK	2019	Rp 106,273,588,474,000	Rp 236,766,476,373,500	Rp 102,990,754,237,000	Rp 265,227,134,138,000	0.06
			2020	Rp 89,009,501,417,000	Rp 197,501,942,603,000	Rp 106,273,588,474,000	Rp 236,766,476,373,500	0.00
			2021	Rp 82,622,335,649,000	Rp 173,191,152,060,500	Rp 89,009,501,417,000	Rp 197,501,942,603,000	0.03
18	SMDR	PT Samudera Indonesia TBK	2019	Rp 6,095,352,222,222	Rp 7,757,055,618,056	Rp 6,991,972,782,609	Rp 8,431,790,709,541	-0.04
			2020	Rp 6,913,234,929,577	Rp 7,685,700,021,127	Rp 6,095,352,222,222	Rp 7,807,644,943,466	0.12
			2021	Rp 9,477,720,225,352	Rp 9,882,572,929,577	Rp 6,913,234,929,577	Rp 7,685,700,021,127	0.06
19	TAXI	PT Express Transindo Utama TBK	2019	Rp 134,251,103,000	Rp 874,145,145,500	Rp 241,663,924,000	Rp 1,639,518,985,000	0.01
			2020	Rp 21,541,634,000	Rp 361,283,835,000	Rp 134,251,103,000	Rp 874,145,145,500	-0.09
			2021	Rp 7,263,061,000	Rp 167,171,417,000	Rp 21,541,634,000	Rp 361,283,835,000	-0.02
20	TMAS	PT Temas TBK	2019	Rp 2,512,269,000,000	Rp 3,051,788,500,000	Rp 2,320,005,000,000	Rp 1,527,902,000,000	-0.70
			2020	Rp 2,669,618,000,000	Rp 3,551,595,500,000	Rp 2,512,269,000,000	Rp 3,051,788,500,000	-0.07
			2021	Rp 3,370,324,000,000	Rp 3,944,425,500,000	Rp 2,669,618,000,000	Rp 3,551,595,500,000	0.10
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 49,805,015,656,000	Rp 96,641,564,954,500	Rp 38,470,982,236,000	Rp 76,558,861,867,500	0.01
			2020	Rp 42,839,805,962,000	Rp 92,516,353,921,000	Rp 49,805,015,656,000	Rp 96,641,564,954,500	-0.05
			2021	Rp 39,606,222,648,000	Rp 81,441,344,302,000	Rp 42,839,805,962,000	Rp 92,516,353,921,000	0.02
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 146,173,217,700,000	Rp 300,503,379,861,000	Rp 159,846,792,883,000	Rp 315,703,802,600,500	-0.02
			2020	Rp 70,513,990,516,000	Rp 245,243,766,839,500	Rp 146,173,217,700,000	Rp 300,503,379,861,000	-0.20
			2021	Rp 93,434,910,443,000	Rp 221,679,555,043,500	Rp 70,513,990,516,000	Rp 245,243,766,839,500	0.13

Lampiran 10
Perhitungan F-Score

No	Kode	Nama Perusahaan	Tahun	Total Accrual Quality	Total Financial Performance	Total F-Score
				(WC+NC+FIN) / Average Total Asset	(CIR + CII +CICS + CIE)	Agrual Quality + Financial Performance
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	0.05	-0.35	-0.30
			2020	-0.03	0.57	0.54
			2021	0.15	0.38	0.53
2	ASSA	PT Adi Sarana Armada TBK	2019	0.01	0.00	0.01
			2020	-0.01	0.27	0.26
			2021	0.10	1.09	1.19
3	BIRD	PT Blue Bird TBK	2019	0.65	0.52	1.16
			2020	0.63	-1.84	-1.22
			2021	0.66	-0.05	0.61
4	BLTA	PT Berlian Laju Tanker TBK	2019	0.30	-0.16	0.14
			2020	0.22	-0.20	0.02
			2021	0.30	0.31	0.61
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	0.09	0.21	0.30
			2020	0.13	0.06	0.19
			2021	0.12	-0.02	0.10
6	CMPP	PT AirAsia Indonesia TBK	2019	-1.03	-0.56	-1.59
			2020	-1.81	-1.94	-3.75
			2021	-2.10	-0.71	-2.81
7	DEAL	PT Dewata Freight international TBK	2019	-0.01	-3.72	-3.73
			2020	-0.39	0.37	-0.02
			2021	-0.84	1.07	0.24
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	-0.65	0.22	-0.43
			2020	-0.83	-0.93	-1.76
			2021	-1.33	0.00	-1.33
9	HELI	PT Jaya Trishindo TBK	2019	0.33	1.29	1.62
			2020	-0.01	-26.69	-26.70
			2021	0.03	-0.30	-0.27
10	JAYA	PT Armada Berjaya Trans TBK	2019	0.42	0.74	1.16
			2020	0.63	0.04	0.67
			2021	0.68	-0.06	0.62
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	1.19	1.55	2.74
			2020	0.84	-4.60	-3.76

			2021	0.84	-0.08	0.76
12	LRNA	PT Eka Sari Lorena Transport TBK	2019	0.79	0.08	0.86
			2020	0.66	-0.20	0.46
			2021	0.66	0.15	0.81
13	MIRA	PT Mitra Internasional Resources	2019	0.54	0.28	0.82
			2020	0.50	-4.33	-3.83
			2021	0.49	1.03	1.52
14	PURA	PT Putra Rajawali Kencana TBK	2019	1.13	-0.07	1.06
			2020	0.66	-0.65	0.01
			2021	0.56	0.01	0.57
15	SAFE	PT Steady Safe TBK	2019	-0.70	0.64	-0.05
			2020	-0.76	-0.10	-0.87
			2021	-1.26	0.16	-1.10
16	SAPX	PT Satria Antarana Prima TBK	2019	0.43	0.83	1.26
			2020	0.43	0.39	0.83
			2021	-0.63	2.59	1.96
17	SDMU	PT Sidomulyo Selaras TBK	2019	-0.27	0.76	0.49
			2020	-0.68	0.34	-0.35
			2021	-0.93	-0.11	-1.03
18	SMDR	PT Samudera Indonesia TBK	2019	0.12	0.19	0.31
			2020	0.08	0.55	0.63
			2021	0.12	0.14	0.26
19	TAXI	PT Express Transindo Utama TBK	2019	-1.35	0.27	-1.07
			2020	-3.05	-0.22	-3.28
			2021	0.39	-0.13	0.26
20	TMAS	PT Temas TBK	2019	0.06	-0.69	-0.63
			2020	0.07	0.19	0.26
			2021	0.14	-0.14	0.00
21	TRUK	PT Guna Timur Raya TBK	2019	0.59	0.05	0.63
			2020	0.50	0.20	0.71
			2021	0.58	0.35	0.92
22	WEHA	PT WEHA Transportasi Indonesia	2019	0.37	0.07	0.44
			2020	0.36	-0.43	-0.08
			2021	0.35	0.69	1.04

Lampiran 11
Perhitungan Achange

No	Kode	Nama Perusahaan	Tahun	Achange			Total Achange
				(Total Asset (t) - Total Asset (t-1)) / Total Asset (t-1)			
				Total Asset (t)	Total Asset (t-1)	Total Asset (t-1)	
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp 285,177,567,739,000	Rp 275,005,973,287,000	Rp 275,005,973,287,000	0.04
			2020	Rp 298,261,244,290,000	Rp 285,177,567,739,000	Rp 285,177,567,739,000	0.05
			2021	Rp 275,990,708,661,000	Rp 298,261,244,290,000	Rp 298,261,244,290,000	-0.07
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 4,849,223,630,042,000	Rp 4,062,536,132,739,000	Rp 4,062,536,132,739,000	0.19
			2020	Rp 5,170,895,098,267,000	Rp 4,849,223,630,042,000	Rp 4,849,223,630,042,000	0.07
			2021	Rp 6,031,946,733,670,000	Rp 5,170,895,098,267,000	Rp 5,170,895,098,267,000	0.17
3	BIRD	PT Blue Bird TBK	2019	Rp 7,424,304,000,000	Rp 6,955,157,000,000	Rp 6,955,157,000,000	0.07
			2020	Rp 7,253,114,000,000	Rp 7,424,304,000,000	Rp 7,424,304,000,000	-0.02
			2021	Rp 6,598,137,000,000	Rp 7,253,114,000,000	Rp 7,253,114,000,000	-0.09
4	BLTA	PT Berlian Laju Tanker TBK	2019	Rp 937,588,720,445	Rp 992,330,083,449	Rp 992,330,083,449	-0.06
			2020	Rp 931,919,506,347	Rp 950,812,820,874	Rp 950,812,820,874	-0.02
			2021	Rp 1,003,262,995,720	Rp 942,554,821,683	Rp 942,554,821,683	0.06
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 536,133,980,207,000	Rp 548,878,317,131,000	Rp 548,878,317,131,000	-0.02
			2020	Rp 536,303,219,831,000	Rp 536,133,980,207,000	Rp 536,133,980,207,000	0.00
			2021	Rp 816,739,145,113,000	Rp 536,303,219,831,000	Rp 536,303,219,831,000	0.52
6	CMPP	PT AirAsia Indonesia TBK	2019	Rp 2,613,070,074,932,000	Rp 2,845,045,212,353,000	Rp 2,845,045,212,353,000	-0.08
			2020	Rp 6,080,516,085,752,000	Rp 2,613,070,074,932,000	Rp 2,613,070,074,932,000	1.33
			2021	Rp 5,149,094,524,206,000	Rp 6,080,516,085,752,000	Rp 6,080,516,085,752,000	-0.15
7	DEAL	PT Dewata Freight international TBK	2019	Rp 275,487,784,551,000	Rp 250,166,940,746,000	Rp 250,166,940,746,000	0.10
			2020	Rp 283,270,056,415,000	Rp 275,487,784,551,000	Rp 275,487,784,551,000	0.03
			2021	Rp 170,331,201,369,000	Rp 283,270,056,415,000	Rp 283,270,056,415,000	-0.40
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	Rp 64,481,559,681,621	Rp 60,137,117,264,834	Rp 60,137,117,264,834	0.07
			2020	Rp 152,185,901,368,124	Rp 62,844,510,211,566	Rp 62,844,510,211,566	1.42
			2021	Rp 102,606,923,823,110	Rp 153,922,687,689,016	Rp 153,922,687,689,016	-0.33
9	HELI	PT Jaya Trishindo TBK	2019	Rp 193,198,983,272,000	Rp 264,566,083,938,000	Rp 264,566,083,938,000	-0.27
			2020	Rp 335,775,952,688,000	Rp 193,198,983,272,000	Rp 193,198,983,272,000	0.74
			2021	Rp 301,477,751,273,000	Rp 335,775,952,688,000	Rp 335,775,952,688,000	-0.10
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp 92,504,089,394,000	Rp 52,075,344,303,000	Rp 52,075,344,303,000	0.78
			2020	Rp 82,202,146,171,000	Rp 92,504,089,394,000	Rp 92,504,089,394,000	-0.11
			2021	Rp 121,943,097,733,000	Rp 82,202,146,171,000	Rp 82,202,146,171,000	0.48
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 67,668,621,418,000	Rp 39,342,424,864,000	Rp 39,342,424,864,000	0.72
			2020	Rp 73,132,687,738,000	Rp 67,668,621,418,000	Rp 67,668,621,418,000	0.08
			2021	Rp 69,136,014,725,000	Rp 73,132,687,738,000	Rp 73,132,687,738,000	-0.05
12	LRNA	PT Eka Sari Lorena Transport TBK	2019	Rp 302,636,796,677,000	Rp 312,059,443,277,000	Rp 312,059,443,277,000	-0.03
			2020	Rp 270,508,602,770,000	Rp 302,636,796,677,000	Rp 302,636,796,677,000	-0.11

			2021	Rp 239,333,983,354,000	Rp 270,508,602,770,000	Rp 270,508,602,770,000	-0.12
13	MIRA	PT Mitra Internasional Resources	2019	Rp 351,483,053,912,000	Rp 320,777,602,224,000	Rp 320,777,602,224,000	0.10
			2020	Rp 317,031,964,534,000	Rp 351,483,053,912,000	Rp 351,483,053,912,000	-0.10
			2021	Rp 301,506,104,882,000	Rp 317,031,964,534,000	Rp 317,031,964,534,000	-0.05
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 221,944,953,895,000	Rp 54,559,800,146,000	Rp 54,559,800,146,000	3.07
			2020	Rp 453,512,469,841,000	Rp 221,944,953,895,000	Rp 221,944,953,895,000	1.04
			2021	Rp 481,497,710,848,000	Rp 453,512,469,841,000	Rp 453,512,469,841,000	0.06
15	SAFE	PT Steady Safe TBK	2019	Rp 357,452,208,844,000	Rp 347,841,814,370,000	Rp 347,841,814,370,000	0.03
			2020	Rp 322,122,601,641,000	Rp 357,452,208,844,000	Rp 357,452,208,844,000	-0.10
			2021	Rp 298,604,232,055,000	Rp 322,122,601,641,000	Rp 322,122,601,641,000	-0.07
16	SAPX	PT Satria Antaran Prima TBK	2019	Rp 157,166,234,017,000	Rp 161,057,570,000,000	Rp 161,057,570,000,000	-0.02
			2020	Rp 210,419,761,255,000	Rp 157,166,234,017,000	Rp 157,166,234,017,000	0.34
			2021	Rp 61,151,425,484,000	Rp 210,419,761,255,000	Rp 210,419,761,255,000	-0.71
17	SDMU	PT Sidomulyo Selaras TBK	2019	Rp 217,821,047,351,000	Rp 255,711,905,396,000	Rp 255,711,905,396,000	-0.15
			2020	Rp 177,182,837,855,000	Rp 217,821,047,351,000	Rp 217,821,047,351,000	-0.19
			2021	Rp 169,199,466,266,000	Rp 177,182,837,855,000	Rp 177,182,837,855,000	-0.05
18	SMDR	PT Samudera Indonesia TBK	2019	Rp 7,183,684,208,333	Rp 8,330,427,027,778	Rp 8,330,427,027,778	-0.14
			2020	Rp 8,086,537,183,099	Rp 7,284,862,859,155	Rp 7,284,862,859,155	0.11
			2021	Rp 11,678,608,676,056	Rp 8,086,537,183,099	Rp 8,086,537,183,099	0.44
19	TAXI	PT Express Transindo Utama TBK	2019	Rp 479,265,331,000	Rp 1,269,024,960,000	Rp 1,269,024,960,000	-0.62
			2020	Rp 243,302,339,000	Rp 479,265,331,000	Rp 479,265,331,000	-0.49
			2021	Rp 91,040,495,000	Rp 243,302,339,000	Rp 243,302,339,000	-0.63
20	TMAS	PT Temas TBK	2019	Rp 3,266,151,000,000	Rp 2,837,426,000,000	Rp 2,837,426,000,000	0.15
			2020	Rp 3,837,040,000,000	Rp 3,266,151,000,000	Rp 3,266,151,000,000	0.17
			2021	Rp 4,051,811,000,000	Rp 3,837,040,000,000	Rp 3,837,040,000,000	0.06
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 98,890,963,872,000	Rp 94,392,166,037,000	Rp 94,392,166,037,000	0.05
			2020	Rp 86,141,743,970,000	Rp 98,890,963,872,000	Rp 98,890,963,872,000	-0.13
			2021	Rp 76,740,944,634,000	Rp 86,141,743,970,000	Rp 86,141,743,970,000	-0.11
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 269,602,629,189,000	Rp 331,404,130,533,000	Rp 331,404,130,533,000	-0.19
			2020	Rp 220,884,904,490,000	Rp 269,602,629,189,000	Rp 269,602,629,189,000	-0.18
			2021	Rp 222,474,205,597,000	Rp 220,884,904,490,000	Rp 220,884,904,490,000	0.01

Lampiran 12
Perhitungan ROA

No	Kode	Nama Perusahaan	Tahun	ROA		Total ROA
				Laba Bersih Setelah Pajak / Total Asset		
				Laba Bersih Setelah Pajak	Total Asset	
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp 4,177,237,649,000	Rp 285,177,567,739,000	0.01
			2020	Rp 3,036,178,470,000	Rp 298,261,244,290,000	0.01
			2021	Rp 24,226,913,508,000	Rp 275,990,708,661,000	0.09
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 91,614,940,880,000	Rp 4,849,223,630,042,000	0.02
			2020	Rp 63,896,421,980,000	Rp 5,170,895,098,267,000	0.01
			2021	Rp 159,581,031,996,000	Rp 6,031,946,733,670,000	0.03
3	BIRD	PT Blue Bird TBK	2019	Rp 98,340,000,000	Rp 7,424,304,000,000	0.01
			2020	-Rp 163,183,000,000	Rp 7,253,114,000,000	-0.02
			2021	Rp 8,720,000,000,000	Rp 6,598,137,000,000	1.32
4	BLTA	PT Berlian Laju Tanker TBK	2019	-Rp 12,133,560,501	Rp 937,588,720,445	-0.01
			2020	-Rp 11,525,303,244	Rp 931,919,506,347	-0.01
			2021	Rp 84,099,671,897	Rp 1,003,262,995,720	0.08
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 8,108,255,688,000	Rp 536,133,980,207,000	0.02
			2020	Rp 3,116,278,755,000	Rp 536,303,219,831,000	0.01
			2021	Rp 11,394,308,741,000	Rp 816,739,145,113,000	0.01
6	CMPP	PT AirAsia Indonesia TBK	2019	-Rp 157,368,618,806,000	Rp 2,613,070,074,932,000	-0.06
			2020	-Rp 2,754,589,873,561,000	Rp 6,080,516,085,752,000	-0.45
			2021	-Rp 2,337,876,178,035,000	Rp 5,149,094,524,206,000	-0.45
7	DEAL	PT Dewata Freight international TBK	2019	-Rp 146,699,139,000	Rp 275,487,784,551,000	0.00
			2020	-Rp 51,690,228,917,000	Rp 283,270,056,415,000	-0.18
			2021	-Rp 28,407,859,736,000	Rp 170,331,201,369,000	-0.17
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	-Rp 644,971,273,517	Rp 64,481,559,681,621	-0.01
			2020	-Rp 34,931,358,942,172	Rp 152,185,901,368,124	-0.23
			2021	-Rp 59,543,577,289,586	Rp 102,606,923,823,110	-0.58
9	HELI	PT Jaya Trishindo TBK	2019	Rp 22,174,180,935,000	Rp 193,198,983,272,000	0.11
			2020	Rp 6,673,275,656,000	Rp 335,775,952,688,000	0.02
			2021	Rp 3,487,508,899,000	Rp 301,477,751,273,000	0.01
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp 1,472,313,967,000	Rp 92,504,089,394,000	0.02
			2020	Rp 3,027,214,839,000	Rp 82,202,146,171,000	0.04
			2021	Rp 5,691,983,629,000	Rp 121,943,097,733,000	0.05
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 260,143,093,000	Rp 67,668,621,418,000	0.00
			2020	-Rp 1,681,187,095,000	Rp 73,132,687,738,000	-0.02
			2021	-Rp 1,840,302,631,000	Rp 69,136,014,725,000	-0.03
12	LRNA	PT Eka Sari Lorena Transport TBK	2019	-Rp 6,857,140,631,000	Rp 302,636,796,677,000	-0.02
			2020	-Rp 43,027,059,389,000	Rp 270,508,602,770,000	-0.16

			2021	-Rp 26,466,832,753,000	Rp 239,333,983,354,000	-0.11
13	MIRA	PT Mitra Internasional Resources	2019	-Rp 3,222,370,200,000	Rp 351,483,053,912,000	-0.01
			2020	-Rp 19,001,205,729,000	Rp 317,031,964,534,000	-0.06
			2021	-Rp 14,271,450,785,000	Rp 301,506,104,882,000	-0.05
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 5,063,989,535,000	Rp 221,944,953,895,000	0.02
			2020	Rp 6,768,585,403,000	Rp 453,512,469,841,000	0.01
			2021	Rp 8,229,463,076,000	Rp 481,497,710,848,000	0.02
15	SAFE	PT Steady Safe TBK	2019	Rp 9,207,473,993,000	Rp 357,452,208,844,000	0.03
			2020	-Rp 15,950,611,459,000	Rp 322,122,601,641,000	-0.05
			2021	Rp 1,630,858,545,000	Rp 298,604,232,055,000	0.01
16	SAPX	PT Satria Antarana Prima TBK	2019	Rp 39,507,538,392,000	Rp 157,166,234,017,000	0.25
			2020	Rp 31,333,543,159,000	Rp 210,419,761,255,000	0.15
			2021	Rp 44,750,176,749,000	Rp 61,151,425,484,000	0.73
17	SDMU	PT Sidomulyo Selaras TBK	2019	-Rp 36,224,089,028,000	Rp 217,821,047,351,000	-0.17
			2020	-Rp 43,293,065,964,000	Rp 177,182,837,855,000	-0.24
			2021	-Rp 9,741,992,566,000	Rp 169,199,466,266,000	-0.06
18	SMDR	PT Samudera Indonesia TBK	2019	-Rp 836,359,416,667	Rp 7,183,684,208,333	-0.12
			2020	-Rp 32,688,450,704	Rp 8,086,537,183,099	0.00
			2021	Rp 1,958,833,295,775	Rp 11,678,608,676,056	0.17
19	TAXI	PT Express Transindo Utama TBK	2019	-Rp 276,072,942,000	Rp 479,265,331,000	-0.58
			2020	-Rp 53,221,960,000	Rp 243,302,339,000	-0.22
			2021	Rp 188,614,656,000	Rp 91,040,495,000	2.07
20	TMAS	PT Temas TBK	2019	Rp 100,615,000,000	Rp 3,266,151,000,000	0.03
			2020	Rp 52,214,000,000	Rp 3,837,040,000,000	0.01
			2021	Rp 697,621,000,000	Rp 4,051,811,000,000	0.17
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 370,821,323,000	Rp 98,890,963,872,000	0.00
			2020	-Rp 9,242,134,862,000	Rp 86,141,743,970,000	-0.11
			2021	-Rp 4,928,794,993,000	Rp 76,740,944,634,000	-0.06
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 4,158,959,735,000	Rp 269,602,629,189,000	0.02
			2020	-Rp 43,981,201,153,000	Rp 220,884,904,490,000	-0.20
			2021	-Rp 9,622,676,055,000	Rp 222,474,205,597,000	-0.04

Lampiran 13
Perhitungan Leverage

No	Kode	Nama Perusahaan	Tahun	Leverage		Total Leverage
				Total Hutang / Total Asset		
				Total Hutang	Total Asset	
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp 171,206,489,746,000	Rp 285,177,567,739,000	0.60
			2020	Rp 191,770,130,645,000	Rp 298,261,244,290,000	0.64
			2021	Rp 145,261,996,537,000	Rp 275,990,708,661,000	0.53
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 3,511,071,376,393,000	Rp 4,849,223,630,042,000	0.72
			2020	Rp 3,731,575,182,568,000	Rp 5,170,895,098,267,000	0.72
			2021	Rp 4,266,438,743,626,000	Rp 6,031,946,733,670,000	0.71
3	BIRD	PT Blue Bird TBK	2019	Rp 2,016,202,000,000	Rp 7,424,304,000,000	0.27
			2020	Rp 2,017,591,000,000	Rp 7,253,114,000,000	0.28
			2021	Rp 1,450,558,000,000	Rp 6,598,137,000,000	0.22
4	BLTA	PT Berlian Laju Tanker TBK	2019	Rp 511,268,247,566	Rp 937,588,720,445	0.55
			2020	Rp 538,196,629,055	Rp 931,919,506,347	0.58
			2021	Rp 545,758,730,385	Rp 1,003,262,995,720	0.54
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 317,641,249,208,000	Rp 536,133,980,207,000	0.59
			2020	Rp 311,837,466,207,000	Rp 536,303,219,831,000	0.58
			2021	Rp 572,021,955,910,000	Rp 816,739,145,113,000	0.70
6	CMPP	PT AirAsia Indonesia TBK	2019	Rp 2,806,387,704,648,000	Rp 2,613,070,074,932,000	1.07
			2020	Rp 8,990,927,886,117,000	Rp 6,080,516,085,752,000	1.48
			2021	Rp 10,354,172,604,375,000	Rp 5,149,094,524,206,000	2.01
7	DEAL	PT Dewata Freight international TBK	2019	Rp 149,811,341,327,000	Rp 275,487,784,551,000	0.54
			2020	Rp 207,781,445,025,000	Rp 283,270,056,415,000	0.73
			2021	Rp 205,297,057,648,000	Rp 170,331,201,369,000	1.21
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	Rp 54,052,863,719,248	Rp 64,481,559,681,621	0.84
			2020	Rp 179,591,038,843,441	Rp 152,185,901,368,124	1.18
			2021	Rp 189,768,973,965,763	Rp 102,606,923,823,110	1.85
9	HELI	PT Jaya Trishindo TBK	2019	Rp 67,743,589,307,000	Rp 193,198,983,272,000	0.35
			2020	Rp 203,647,281,067,000	Rp 335,775,952,688,000	0.61
			2021	Rp 160,316,617,953,000	Rp 301,477,751,273,000	0.53
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp 28,411,416,470,000	Rp 92,504,089,394,000	0.31
			2020	Rp 15,456,969,921,000	Rp 82,202,146,171,000	0.19
			2021	Rp 11,730,638,222,000	Rp 121,943,097,733,000	0.10
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 2,053,419,204,000	Rp 67,668,621,418,000	0.03
			2020	Rp 9,174,455,556,000	Rp 73,132,687,738,000	0.13
			2021	Rp 6,897,790,934,000	Rp 69,136,014,725,000	0.10
12	LRNA	PT Eka Sari Lorena Transport TBK	2019	Rp 41,462,629,189,000	Rp 302,636,796,677,000	0.14
			2020	Rp 52,352,752,945,000	Rp 270,508,602,770,000	0.19

			2021	Rp 47,302,648,250,000	Rp 239,333,983,354,000	0.20
13	MIRA	PT Mitra Internasional Resources	2019	Rp 116,925,646,360,000	Rp 351,483,053,912,000	0.33
			2020	Rp 101,678,044,013,000	Rp 317,031,964,534,000	0.32
			2021	Rp 98,256,140,568,000	Rp 301,506,104,882,000	0.33
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 40,439,113,638,000	Rp 221,944,953,895,000	0.18
			2020	Rp 42,333,171,356,000	Rp 453,512,469,841,000	0.09
			2021	Rp 40,209,635,669,000	Rp 481,497,710,848,000	0.08
15	SAFE	PT Steady Safe TBK	2019	Rp 408,955,063,516,000	Rp 357,452,208,844,000	1.14
			2020	Rp 391,040,622,215,000	Rp 322,122,601,641,000	1.21
			2021	Rp 366,839,357,213,000	Rp 298,604,232,055,000	1.23
16	SAPX	PT Satria Antarana Prima TBK	2019	Rp 50,346,447,863,000	Rp 157,166,234,017,000	0.32
			2020	Rp 72,437,684,990,000	Rp 210,419,761,255,000	0.34
			2021	Rp 82,857,759,922,000	Rp 61,151,425,484,000	1.35
17	SDMU	PT Sidomulyo Selaras TBK	2019	Rp 166,615,624,916,000	Rp 217,821,047,351,000	0.76
			2020	Rp 169,445,987,429,000	Rp 177,182,837,855,000	0.96
			2021	Rp 171,094,237,876,000	Rp 169,199,466,266,000	1.01
18	SMDR	PT Samudera Indonesia TBK	2019	Rp 3,755,602,625,000	Rp 7,183,684,208,333	0.52
			2020	Rp 4,681,319,535,211	Rp 8,086,537,183,099	0.58
			2021	Rp 6,301,282,295,775	Rp 11,678,608,676,056	0.54
19	TAXI	PT Express Transindo Utama TBK	2019	Rp 933,327,880,000	Rp 479,265,331,000	1.95
			2020	Rp 763,628,958,000	Rp 243,302,339,000	3.14
			2021	Rp 14,972,234,000	Rp 91,040,495,000	0.16
20	TMAS	PT Temas TBK	2019	Rp 2,082,994,000,000	Rp 3,266,151,000,000	0.64
			2020	Rp 2,626,095,000,000	Rp 3,837,040,000,000	0.68
			2021	Rp 2,509,761,000,000	Rp 4,051,811,000,000	0.62
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 25,916,237,978,000	Rp 98,890,963,872,000	0.26
			2020	Rp 22,650,488,908,000	Rp 86,141,743,970,000	0.26
			2021	Rp 18,063,690,866,000	Rp 76,740,944,634,000	0.24
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 117,734,528,422,000	Rp 269,602,629,189,000	0.44
			2020	Rp 102,887,883,658,000	Rp 220,884,904,490,000	0.47
			2021	Rp 113,973,603,426,000	Rp 222,474,205,597,000	0.51

Lampiran 14
Perhitungan TATA

No	Kode	Nama Perusahaan	Tahun	TATA			Total TATA
				Laba Bersih Perusahaan - Arus Kas Oprasional Perusahaan / Total Asset			
				Laba Bersih Perusahaan	Arus Kas Oprasional Perusahaan	Total Asset	
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp 4,177,237,649,000	Rp 40,164,454,012,000	Rp 285,177,567,739,000	-0.13
			2020	Rp 3,036,178,470,000	Rp 32,264,752,092,000	Rp 298,261,244,290,000	-0.10
			2021	Rp 24,226,913,508,000	Rp 41,260,471,103,000	Rp 275,990,708,661,000	-0.06
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 91,614,940,880,000	-Rp 146,284,154,076,000	Rp 4,849,223,630,042,000	0.05
			2020	Rp 63,896,421,980,000	Rp 301,019,586,872,000	Rp 5,170,895,098,267,000	-0.05
			2021	Rp 159,581,031,996,000	Rp 108,113,194,941,000	Rp 6,031,946,733,670,000	0.01
3	BIRD	PT Blue Bird TBK	2019	Rp 98,340,000,000	Rp 739,004,000,000	Rp 7,424,304,000,000	-0.09
			2020	-Rp 163,183,000,000	Rp 230,337,000,000	Rp 7,253,114,000,000	-0.05
			2021	Rp 8,720,000,000,000	Rp 304,499,000,000	Rp 6,598,137,000,000	1.28
4	BLTA	PT Berlian Laju Tanker TBK	2019	-Rp 12,133,560,501	Rp 20,913,198,887	Rp 937,588,720,445	-0.04
			2020	-Rp 11,525,303,244	Rp 259,024,485,190	Rp 931,919,506,347	-0.29
			2021	Rp 84,099,671,897	Rp 55,552,653,352	Rp 1,003,262,995,720	0.03
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 8,108,255,688,000	Rp 49,057,833,730,000	Rp 536,133,980,207,000	-0.08
			2020	Rp 3,116,278,755,000	Rp 71,220,006,957,000	Rp 536,303,219,831,000	-0.13
			2021	Rp 11,394,308,741,000	Rp 70,732,275,946,000	Rp 816,739,145,113,000	-0.07
6	CMPP	PT AirAsia Indonesia TBK	2019	-Rp 157,368,618,806,000	-Rp 972,470,949,252,000	Rp 2,613,070,074,932,000	0.31
			2020	-Rp 2,754,589,873,561,000	Rp 109,997,328,596,000	Rp 6,080,516,085,752,000	-0.47
			2021	-Rp 2,337,876,178,035,000	Rp 31,688,778,031,000	Rp 5,149,094,524,206,000	-0.46
7	DEAL	PT Dewata Freight international TBK	2019	-Rp 146,699,139,000	Rp 42,720,961,748,000	Rp 275,487,784,551,000	-0.16
			2020	-Rp 51,690,228,917,000	-Rp 30,955,742,486,000	Rp 283,270,056,415,000	-0.07
			2021	-Rp 28,407,859,736,000	-Rp 9,139,688,430,000	Rp 170,331,201,369,000	-0.11
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	-Rp 644,971,273,517	Rp 7,425,488,943,560	Rp 64,481,559,681,621	-0.13
			2020	-Rp 34,931,358,942,172	Rp 1,556,758,279,267	Rp 152,185,901,368,124	-0.24
			2021	-Rp 59,543,577,289,586	Rp 1,175,520,998,573	Rp 102,606,923,823,110	-0.59
9	HELI	PT Jaya Trishindo TBK	2019	Rp 22,174,180,935,000	Rp 28,426,417,328,000	Rp 193,198,983,272,000	-0.03
			2020	Rp 6,673,275,656,000	-Rp 88,312,354,230,000	Rp 335,775,952,688,000	0.28
			2021	Rp 3,487,508,899,000	Rp 36,279,837,415,000	Rp 301,477,751,273,000	-0.11
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp 1,472,313,967,000	Rp 9,345,154,228,000	Rp 92,504,089,394,000	-0.09
			2020	Rp 3,027,214,839,000	Rp 10,240,650,714,000	Rp 82,202,146,171,000	-0.09
			2021	Rp 5,691,983,629,000	Rp 11,333,718,278,000	Rp 121,943,097,733,000	-0.05
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 260,143,093,000	Rp 1,213,592,764,000	Rp 67,668,621,418,000	-0.01
			2020	-Rp 1,681,187,095,000	-Rp 1,289,518,944,000	Rp 73,132,687,738,000	-0.01
			2021	-Rp 1,840,302,631,000	-Rp 1,147,544,263,000	Rp 69,136,014,725,000	-0.01
12	LRNA	PT Eka Sari Lorena Transport TBK	2019	-Rp 6,857,140,631,000	Rp 29,350,719,002,000	Rp 302,636,796,677,000	-0.12
			2020	-Rp 43,027,059,389,000	-Rp 3,047,893,865,000	Rp 270,508,602,770,000	-0.15

			2021	-Rp 26,466,832,753,000	Rp 1,908,593,921,000	Rp 239,333,983,354,000	-0.12
13	MIRA	PT Mitra Internasional Resources	2019	-Rp 3,222,370,200,000	Rp 26,025,274,310,000	Rp 351,483,053,912,000	-0.08
			2020	-Rp 19,001,205,729,000	Rp 22,941,962,017,000	Rp 317,031,964,534,000	-0.13
			2021	-Rp 14,271,450,785,000	Rp 6,710,186,530,000	Rp 301,506,104,882,000	-0.07
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 5,063,989,535,000	-Rp 10,125,324,791,000	Rp 221,944,953,895,000	0.07
			2020	Rp 6,768,585,403,000	Rp 8,524,464,370,000	Rp 453,512,469,841,000	0.00
			2021	Rp 8,229,463,076,000	Rp 5,083,609,640,000	Rp 481,497,710,848,000	0.01
15	SAFE	PT Steady Safe TBK	2019	Rp 9,207,473,993,000	Rp 35,903,987,596,000	Rp 357,452,208,844,000	-0.07
			2020	-Rp 15,950,611,459,000	Rp 18,884,422,034,000	Rp 322,122,601,641,000	-0.11
			2021	Rp 1,630,858,545,000	Rp 29,922,251,783,000	Rp 298,604,232,055,000	-0.09
16	SAPX	PT Satria Antarana Prima TBK	2019	Rp 39,507,538,392,000	Rp 37,965,356,837,000	Rp 157,166,234,017,000	0.01
			2020	Rp 31,333,543,159,000	Rp 59,202,048,937,000	Rp 210,419,761,255,000	-0.13
			2021	Rp 44,750,176,749,000	Rp 38,598,568,443,000	Rp 61,151,425,484,000	0.10
17	SDMU	PT Sidomulyo Selaras TBK	2019	-Rp 36,224,089,028,000	Rp 6,223,367,451,000	Rp 217,821,047,351,000	-0.19
			2020	-Rp 43,293,065,964,000	-Rp 7,593,675,560,000	Rp 177,182,837,855,000	-0.20
			2021	-Rp 9,741,992,566,000	-Rp 261,375,920,000	Rp 169,199,466,266,000	-0.06
18	SMDR	PT Samudera Indonesia TBK	2019	-Rp 836,359,416,667	Rp 341,993,263,889	Rp 7,183,684,208,333	-0.16
			2020	-Rp 32,688,450,704	Rp 839,160,690,141	Rp 8,086,537,183,099	-0.11
			2021	Rp 1,958,833,295,775	Rp 2,220,402,633,803	Rp 11,678,608,676,056	-0.02
19	TAXI	PT Express Transindo Utama TBK	2019	-Rp 276,072,942,000	Rp 28,065,023,000	Rp 479,265,331,000	-0.63
			2020	-Rp 53,221,960,000	Rp 21,541,634,000	Rp 243,302,339,000	-0.31
			2021	Rp 188,614,656,000	-Rp 6,507,597,000	Rp 91,040,495,000	2.14
20	TMAS	PT Temas TBK	2019	Rp 100,615,000,000	Rp 284,895,000,000	Rp 3,266,151,000,000	-0.06
			2020	Rp 52,214,000,000	Rp 565,684,000,000	Rp 3,837,040,000,000	-0.13
			2021	Rp 697,621,000,000	Rp 708,628,000,000	Rp 4,051,811,000,000	0.00
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 370,821,323,000	Rp 4,988,337,915,000	Rp 98,890,963,872,000	-0.05
			2020	-Rp 9,242,134,862,000	Rp 5,891,399,267,000	Rp 86,141,743,970,000	-0.18
			2021	-Rp 4,928,794,993,000	Rp 4,909,785,040,000	Rp 76,740,944,634,000	-0.13
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 4,158,959,735,000	Rp 42,654,700,707,000	Rp 269,602,629,189,000	-0.14
			2020	-Rp 43,981,201,153,000	Rp 10,244,248,078,000	Rp 220,884,904,490,000	-0.25
			2021	-Rp 9,622,676,055,000	Rp 19,152,282,151,000	Rp 222,474,205,597,000	-0.13

Lampiran 15
Perhitungan DBOU

No	Kode	Nama Perusahaan	Tahun	DBOUT		Total DBOU
				Total Dewan Komisaris Independen / Total Dewan Komisaris		
				Total Dewan Komisaris Independen	Total Dewan Komisaris	
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	1	2	0.50
			2020	1	2	0.50
			2021	1	2	0.50
2	ASSA	PT Adi Sarana Armada TBK	2019	1	3	0.33
			2020	1	3	0.33
			2021	1	3	0.33
3	BIRD	PT Blue Bird TBK	2019	3	7	0.43
			2020	3	7	0.43
			2021	3	8	0.38
4	BLTA	PT Berlian Laju Tanker TBK	2019	1	3	0.33
			2020	2	4	0.50
			2021	2	4	0.50
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	1	2	0.50
			2020	1	2	0.50
			2021	1	2	0.50
6	CMPP	PT AirAsia Indonesia TBK	2019	1	3	0.33
			2020	1	3	0.33
			2021	1	3	0.33
7	DEAL	PT Dewata Freight international TBK	2019	1	3	0.33
			2020	1	2	0.50
			2021	1	2	0.50
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	3	5	0.60
			2020	2	5	0.40
			2021	1	3	0.33
9	HELI	PT Jaya Trishindo TBK	2019	1	2	0.50
			2020	1	2	0.50
			2021	1	2	0.50
10	JAYA	PT Armada Berjaya Trans TBK	2019	1	2	0.50
			2020	1	2	0.50
			2021	2	3	0.67
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	0	2	0.00
			2020	1	2	0.50
			2021	1	2	0.50
12	LRNA	PT Eka Sari Lorena Transport TBK	2019	1	4	0.25
			2020	1	4	0.25

13	MIRA	PT Mitra Internasional Resources	2021	2	5	0.40
			2019	1	3	0.33
			2020	1	3	0.33
14	PURA	PT Putra Rajawali Kencana TBK	2019	1	2	0.50
			2020	1	2	0.50
			2021	1	3	0.33
15	SAFE	PT Steady Safe TBK	2019	1	2	0.50
			2020	1	2	0.50
			2021	1	2	0.50
16	SAPX	PT Satria Antarana Prima TBK	2019	1	2	0.50
			2020	1	2	0.50
			2021	1	2	0.50
17	SDMU	PT Sidomulyo Selaras TBK	2019	1	3	0.33
			2020	1	3	0.33
			2021	1	3	0.33
18	SMDR	PT Samudera Indonesia TBK	2019	2	5	0.40
			2020	2	6	0.33
			2021	2	6	0.33
19	TAXI	PT Express Transindo Utama TBK	2019	1	3	0.33
			2020	1	2	0.50
			2021	1	2	0.50
20	TMAS	PT Temas TBK	2019	2	3	0.67
			2020	2	3	0.67
			2021	2	3	0.67
21	TRUK	PT Guna Timur Raya TBK	2019	1	2	0.50
			2020	1	2	0.50
			2021	1	2	0.50
22	WEHA	PT WEHA Transportasi Indonesia	2019	1	2	0.50
			2020	1	2	0.50
			2021	1	2	0.50

Lampiran 16
Perhitungan Receivable

No	Kode	Nama Perusahaan	Tahun	Receivable				Total Receivable
				(Reveivable (t) / Sales (t)) - (Receivable (t-1) / Sales (t-1))				
				Receivable (t)	Sales (T)	Receivable (t-1)	Sales (t-1)	
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	Rp 100,124,804,698,000	Rp 474,271,493,696,000	Rp 42,514,766,304,000	Rp 319,106,290,160,000	1.35
			2020	Rp 94,543,931,458,000	Rp 521,617,491,481,000	Rp 100,124,804,698,000	Rp 474,271,493,696,000	1.14
			2021	Rp 59,374,477,820,000	Rp 479,636,030,718,000	Rp 94,543,931,458,000	Rp 521,617,491,481,000	0.98
2	ASSA	PT Adi Sarana Armada TBK	2019	Rp 298,878,052,527,000	Rp 2,329,565,792,542,000	Rp 224,031,217,757,000	Rp 1,862,945,638,339,000	1.24
			2020	Rp 355,411,446,708,000	Rp 3,037,359,367,967,000	Rp 298,878,052,527,000	Rp 2,329,565,792,542,000	1.32
			2021	Rp 336,927,925,926,000	Rp 5,088,094,179,374,000	Rp 355,411,446,708,000	Rp 3,037,359,367,967,000	1.77
3	BIRD	PT Blue Bird TBK	2019	Rp 119,609,000,000	Rp 4,047,691,000,000	Rp 299,060,000,000	Rp 4,218,702,000,000	1.00
			2020	Rp 251,057,000,000	Rp 2,046,660,000,000	Rp 119,609,000,000	Rp 4,047,691,000,000	0.46
			2021	Rp 307,401,000,000	Rp 2,220,841,000,000	Rp 251,057,000,000	Rp 2,046,660,000,000	1.07
4	BLTA	PT Berlian Laju Tanker TBK	2019	Rp 37,366,411,683	Rp 278,885,869,263	Rp 40,074,659,913	Rp 360,852,460,203	0.75
			2020	Rp 43,700,677,010	Rp 259,024,485,190	Rp 37,366,411,683	Rp 278,885,869,263	0.89
			2021	Rp 36,709,186,876	Rp 280,551,740,371	Rp 43,700,677,010	Rp 259,024,485,190	1.13
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	Rp 19,902,767,803,000	Rp 162,596,163,771,000	Rp 22,616,091,519,000	Rp 132,167,476,386,000	1.30
			2020	Rp 19,452,220,422,000	Rp 162,257,365,449,000	Rp 19,902,767,803,000	Rp 162,596,163,771,000	1.00
			2021	Rp 26,865,120,049,000	Rp 212,042,439,331,000	Rp 19,452,220,422,000	Rp 162,257,365,449,000	1.30
6	CMPP	PT AirAsia Indonesia TBK	2019	Rp 345,034,901,441,000	Rp 6,708,800,607,590,000	Rp 194,334,780,006,000	Rp 4,232,768,047,707,000	1.58
			2020	Rp 38,490,246,570,000	Rp 1,610,973,387,040,000	Rp 345,034,901,441,000	Rp 6,708,800,607,590,000	0.25
			2021	Rp 32,860,024,241,000	Rp 626,001,737,959,000	Rp 38,490,246,570,000	Rp 1,610,973,387,040,000	0.38
7	DEAL	PT Dewata Freight international TBK	2019	Rp 755,539,890,968,000	Rp 144,400,863,183,000	Rp 114,875,343,050,000	Rp 236,184,959,298,000	-5.04
			2020	Rp 68,884,226,395,000	Rp 71,141,862,149,000	Rp 755,539,890,968,000	Rp 144,400,863,183,000	0.00
			2021	Rp 29,771,462,795,000	Rp 86,034,518,419,000	Rp 68,884,226,395,000	Rp 71,141,862,149,000	24.92
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	Rp 4,160,969,826,339	Rp 66,174,212,489,146	Rp 4,258,595,952,712	Rp 60,228,665,660,640	1.11
			2020	Rp 1,648,792,849,083	Rp 21,048,393,497,884	Rp 4,160,969,826,339	Rp 66,174,212,489,146	0.31
			2021	Rp 1,456,301,868,759	Rp 19,068,166,476,462	Rp 1,648,792,849,083	Rp 21,048,393,497,884	0.91
9	HELI	PT Jaya Trishindo TBK	2019	Rp 4,317,861,720,000	Rp 318,024,503,004,000	Rp 43,137,483,404,000	Rp 279,266,205,363,000	1.33
			2020	Rp 115,430,620,087,000	Rp 143,838,437,841,000	Rp 4,317,861,720,000	Rp 318,024,503,004,000	0.09
			2021	Rp 70,787,107,830,000	Rp 63,398,642,323,000	Rp 115,430,620,087,000	Rp 143,838,437,841,000	-0.26
10	JAYA	PT Armada Berjaya Trans TBK	2019	Rp 13,119,824,146,000	Rp 63,419,433,727,000	Rp 7,803,037,328,000	Rp 30,770,320,009,000	2.19
			2020	Rp 13,299,591,538,000	Rp 65,475,480,450,000	Rp 13,119,824,146,000	Rp 63,419,433,727,000	1.04
			2021	Rp 17,163,085,428,000	Rp 72,427,580,175,000	Rp 13,299,591,538,000	Rp 65,475,480,450,000	1.06
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	Rp 1,129,914,489,000	Rp 12,615,551,557,000	Rp 2,406,404,932,000	Rp 6,473,847,833,000	2.82
			2020	Rp 6,427,206,445,000	Rp 13,158,116,600,000	Rp 1,129,914,489,000	Rp 12,615,551,557,000	0.59
			2021	Rp 4,624,109,879,000	Rp 8,447,187,923,000	Rp 6,427,206,445,000	Rp 13,158,116,600,000	0.57
12	LRNA	PT Eka Sari Lorena Transport TBK	2019	Rp 9,934,131,588,000	Rp 124,579,469,969,000	Rp 7,985,757,679,000	Rp 102,242,420,595,000	1.22
			2020	Rp 5,814,527,620,000	Rp 65,046,772,361,000	Rp 9,934,131,588,000	Rp 124,579,469,969,000	0.52

			2021	Rp 5,967,855,313,000	Rp 70,200,908,124,000	Rp 5,814,527,620,000	Rp 65,046,772,361,000	1.08
13	MIRA	PT Mitra Internasional Resources	2019	Rp 62,782,561,532,000	Rp 131,033,025,029,000	Rp 119,607,255,135,000	Rp 128,781,272,003,000	7.44
			2020	Rp 376,766,595,028,000	Rp 86,959,391,390,000	Rp 62,782,561,532,000	Rp 131,033,025,029,000	-4.25
			2021	Rp 37,823,339,414,000	Rp 85,604,008,684,000	Rp 376,766,595,028,000	Rp 86,959,391,390,000	-0.16
14	PURA	PT Putra Rajawali Kencana TBK	2019	Rp 35,251,084,360,000	Rp 88,464,453,282,000	Rp 12,494,616,164,000	Rp 34,937,222,415,000	2.37
			2020	Rp 54,151,561,292,000	Rp 95,955,756,721,000	Rp 35,251,084,360,000	Rp 88,464,453,282,000	0.79
			2021	Rp 72,993,779,526,000	Rp 118,252,970,540,000	Rp 54,151,561,292,000	Rp 95,955,756,721,000	1.08
15	SAFE	PT Steady Safe TBK	2019	Rp 16,164,110,675,000	Rp 180,073,555,181,000	Rp 9,315,340,970,000	Rp 80,713,350,908,000	2.30
			2020	Rp 13,857,702,699,000	Rp 143,961,352,119,000	Rp 16,164,110,675,000	Rp 180,073,555,181,000	0.79
			2021	Rp 15,231,802,071,000	Rp 161,057,570,000,000	Rp 13,857,702,699,000	Rp 143,961,352,119,000	1.12
16	SAPX	PT Satria Antaran Prima TBK	2019	Rp 66,079,548,715,000	Rp 394,765,940,589,000	Rp 47,785,577,124,000	Rp 229,821,404,369,000	1.81
			2020	Rp 75,334,969,856,000	Rp 451,599,889,844,000	Rp 66,079,548,715,000	Rp 394,765,940,589,000	1.14
			2021	Rp 104,069,365,850,000	Rp 589,409,749,578,000	Rp 75,334,969,856,000	Rp 451,599,889,844,000	1.29
17	SDMU	PT Sidomulyo Selaras TBK	2019	Rp 36,658,505,750,000	Rp 106,273,588,474,000	Rp 68,142,380,082,000	Rp 102,990,754,237,000	2.00
			2020	Rp 25,001,377,937,000	Rp 89,009,501,417,000	Rp 36,658,505,750,000	Rp 106,273,588,474,000	0.92
			2021	Rp 32,234,857,868,000	Rp 82,622,335,649,000	Rp 25,001,377,937,000	Rp 89,009,501,417,000	0.79
18	SMDR	PT Samudera Indonesia TBK	2019	Rp 1,683,993,680,556	Rp 6,095,352,222,222	Rp 1,954,146,811,594	Rp 6,991,972,782,609	0.88
			2020	Rp 1,531,628,183,099	Rp 6,913,234,929,577	Rp 1,683,993,680,556	Rp 6,095,352,222,222	1.22
			2021	Rp 2,341,276,042,254	Rp 9,477,720,225,352	Rp 1,531,628,183,099	Rp 6,913,234,929,577	1.33
19	TAXI	PT Express Transindo Utama TBK	2019	Rp 150,395,676,000	Rp 134,251,103,000	Rp 324,820,321,000	Rp 241,663,924,000	0.19
			2020	Rp 75,542,243,000	Rp 21,541,634,000	Rp 150,395,676,000	Rp 134,251,103,000	3.34
			2021	Rp 63,079,406,000	Rp 7,263,061,000	Rp 75,542,243,000	Rp 21,541,634,000	1.03
20	TMAS	PT Temas TBK	2019	Rp 226,881,000,000	Rp 2,512,269,000,000	Rp 190,884,000,000	Rp 2,320,005,000,000	1.07
			2020	Rp 197,911,000,000	Rp 2,669,618,000,000	Rp 226,881,000,000	Rp 2,512,269,000,000	1.08
			2021	Rp 319,348,000,000	Rp 3,370,324,000,000	Rp 197,911,000,000	Rp 2,669,618,000,000	1.23
21	TRUK	PT Guna Timur Raya TBK	2019	Rp 12,604,013,311,000	Rp 49,805,015,656,000	Rp 9,057,951,085,000	Rp 38,470,982,236,000	1.26
			2020	Rp 8,798,683,420,000	Rp 42,839,805,962,000	Rp 12,604,013,311,000	Rp 49,805,015,656,000	0.92
			2021	Rp 5,945,771,929,000	Rp 39,606,222,648,000	Rp 8,798,683,420,000	Rp 42,839,805,962,000	0.99
22	WEHA	PT WEHA Transportasi Indonesia	2019	Rp 10,027,178,208,000	Rp 146,173,217,700,000	Rp 11,638,441,160,000	Rp 159,846,792,883,000	0.92
			2020	Rp 7,563,431,166,000	Rp 70,513,990,516,000	Rp 10,027,178,208,000	Rp 146,173,217,700,000	0.46
			2021	Rp 6,118,686,845,000	Rp 93,434,910,443,000	Rp 7,563,431,166,000	Rp 70,513,990,516,000	1.39

Lampiran 17
Tabulasi Penelitian

No	Kode	Nama Perusahaan	Tahun	Variabel Dependen	Variabel Independen											
				Kecurangan Laporan Keuangan (Y)	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12
1	AKSI	PT Mineral Sumberdaya Mandiri TBK	2019	-0.30	0.04	0.01	0.60	1	0.13	0.50	1.35	0	1	2	0	0
			2020	0.54	0.05	0.01	0.64	0	0.10	0.50	1.14	0	1	2	0	0
			2021	0.53	0.07	0.09	0.53	0	0.06	0.50	0.98	0	1	2	0	0
2	ASSA	PT Adi Sarana Armada TBK	2019	0.01	0.19	0.02	0.72	0	0.05	0.33	1.24	1	1	2	0	1
			2020	0.26	0.07	0.01	0.72	0	0.05	0.33	1.32	1	1	2	0	1
			2021	1.19	0.17	0.03	0.71	0	0.01	0.33	1.77	1	1	2	0	1
3	BIRD	PT Blue Bird TBK	2019	1.16	0.07	0.01	0.27	0	0.09	0.43	1.00	0	1	12	1	1
			2020	-1.22	0.02	0.02	0.28	0	0.05	0.43	0.46	0	1	4	0	0
			2021	0.61	0.09	1.32	0.22	0	1.28	0.38	1.07	0	1	4	1	0
4	BLTA	PT Berlian Laju Tanker TBK	2019	0.14	0.06	0.01	0.55	0	0.04	0.33	0.75	0	1	4	0	0
			2020	0.02	0.02	0.01	0.58	0	0.29	0.50	0.89	0	1	3	0	0
			2021	0.61	0.06	0.08	0.54	0	0.03	0.50	1.13	0	1	3	0	0
5	BPTR	PT Batavia Prosperindo Trans TBK	2019	0.30	0.02	0.02	0.59	0	0.08	0.50	1.30	0	0	6	0	0
			2020	0.19	0.00	0.01	0.58	0	0.13	0.50	1.00	0	0	6	0	0
			2021	0.10	0.52	0.01	0.70	0	0.07	0.50	1.30	0	0	3	0	0
6	CMPP	PT AirAsia Indonesia TBK	2019	-1.59	0.08	0.06	1.07	0	0.31	0.33	1.58	1	0	5	0	1
			2020	-3.75	1.33	0.45	1.48	0	0.47	0.33	0.25	1	0	5	0	1
			2021	-2.81	0.15	0.45	2.01	0	0.46	0.33	0.38	1	0	4	0	1
7	DEAL	PT Dewata Freight international TBK	2019	-3.73	0.10	0.00	0.54	0	0.16	0.33	-5.04	0	1	2	1	1
			2020	-0.02	0.03	0.18	0.73	1	0.07	0.50	0.00	0	1	3	1	1

			2021	0.24	-	-	1.21	0	-	0.50	24.92	0	1	3	1	1
8	GIAA	PT Garuda Indonesia (Persero) TBK	2019	-0.43	0.07	0.01	0.84	0	0.13	0.60	1.11	1	1	3	1	1
			2020	-1.76	1.42	0.23	1.18	0	0.24	0.40	0.31	1	1	3	0	1
			2021	-1.33	0.33	0.58	1.85	0	0.59	0.33	0.91	1	1	3	0	1
9	HELI	PT Jaya Trishindo TBK	2019	1.62	0.27	0.11	0.35	1	0.03	0.50	1.33	0	1	3	0	1
			2020	-26.70	0.74	0.02	0.61	0	0.28	0.50	0.09	0	1	3	0	1
			2021	-0.27	0.10	0.01	0.53	0	0.11	0.50	-0.26	0	1	2	0	1
10	JAYA	PT Armada Berjaya Trans TBK	2019	1.16	0.78	0.02	0.31	0	0.09	0.50	2.19	0	1	7	0	0
			2020	0.67	0.11	0.04	0.19	0	0.09	0.50	1.04	0	1	3	0	0
			2021	0.62	0.48	0.05	0.10	0	0.05	0.67	1.06	0	1	5	0	0
11	KJEN	PT Krida Jaringan Nusantara TBK	2019	2.74	0.72	0.00	0.03	0	0.01	0.00	2.82	0	1	2	1	0
			2020	-3.76	0.08	0.02	0.13	0	0.01	0.50	0.59	0	1	2	1	0
			2021	0.76	0.05	0.03	0.10	0	0.01	0.50	0.57	0	1	2	0	0
12	LRNA	PT Eka Sari Lorena Transport TBK	2019	0.86	0.03	0.02	0.14	0	0.12	0.25	1.22	0	1	4	0	1
			2020	0.46	0.11	0.16	0.19	0	0.15	0.25	0.52	0	1	4	0	1
			2021	0.81	0.12	0.11	0.20	1	0.12	0.40	1.08	0	1	3	0	1
13	MIRA	PT Mitra Internasional Resources	2019	0.82	0.10	0.01	0.33	0	0.08	0.33	7.44	0	1	2	0	0
			2020	-3.83	0.10	0.06	0.32	0	0.13	0.33	-4.25	0	1	2	0	0
			2021	1.52	0.05	0.05	0.33	1	0.07	0.33	-0.16	0	1	2	0	0
14	PURA	PT Putra Rajawali Kencana TBK	2019	1.06	3.07	0.02	0.18	0	0.07	0.50	2.37	0	1	2	0	1
			2020	0.01	1.04	0.01	0.09	0	0.00	0.50	0.79	0	1	5	0	1
			2021	0.57	0.06	0.02	0.08	1	0.01	0.33	1.08	0	1	9	0	1
15	SAFE	PT Steady Safe TBK	2019	-0.05	0.03	0.03	1.14	0	0.07	0.50	2.30	0	1	0	0	1
			2020	-0.87	0.10	0.05	1.21	0	0.11	0.50	0.79	0	1	0	0	1
			2021	-1.10	0.07	0.01	1.23	0	0.09	0.50	1.12	0	1	4	0	1
16	SAPX	PT Satria Antarana Prima TBK	2019	1.26	0.02	0.25	0.32	0	0.01	0.50	1.81	0	0	4	0	1
			2020	0.83	0.34	0.15	0.34	0	0.13	0.50	1.14	0	0	4	0	1
			2021	1.96	0.71	0.73	1.35	0	0.10	0.50	1.29	0	0	3	0	1

17	SDMU	PT Sidomulyo Selaras TBK	2019	0.49	-	-	0.76	0	-	0.33	2.00	0	1	2	0	0	
			2020	-0.35	-	0.19	0.24	0.96	0	0.20	0.33	0.92	0	1	2	0	0
			2021	-1.03	-	0.05	0.06	1.01	0	0.06	0.33	0.79	0	1	2	0	0
18	SMDR	PT Samudera Indonesia TBK	2019	0.31	-	0.14	0.12	0.52	0	0.16	0.40	0.88	1	1	5	0	0
			2020	0.63	-	0.11	0.00	0.58	0	0.11	0.33	1.22	1	1	3	1	0
			2021	0.26	-	0.44	0.17	0.54	0	0.02	0.33	1.33	1	1	3	0	0
19	TAXI	PT Express Transindo Utama TBK	2019	-1.07	-	0.62	0.58	1.95	0	0.63	0.33	0.19	0	1	2	1	0
			2020	-3.28	-	0.49	0.22	3.14	0	0.31	0.50	3.34	0	1	2	0	0
			2021	0.26	-	0.63	2.07	0.16	1	2.14	0.50	1.03	0	1	2	0	0
20	TMAS	PT Temas TBK	2019	-0.63	-	0.15	0.03	0.64	0	0.06	0.67	1.07	1	1	4	0	1
			2020	0.26	-	0.17	0.01	0.68	0	0.13	0.67	1.08	1	1	3	0	1
			2021	0.00	-	0.06	0.17	0.62	0	0.00	0.67	1.23	1	1	4	1	1
21	TRUK	PT Guna Timur Raya TBK	2019	0.63	-	0.05	0.00	0.26	0	0.05	0.50	1.26	1	1	4	1	0
			2020	0.71	-	0.13	0.11	0.26	0	0.18	0.50	0.92	0	1	2	0	0
			2021	0.92	-	0.11	0.06	0.24	0	0.13	0.50	0.99	0	1	2	0	0
22	WEHA	PT WEHA Transportasi Indonesia	2019	0.44	-	0.19	0.02	0.44	0	0.14	0.50	0.92	0	1	3	0	0
			2020	-0.08	-	0.18	0.20	0.47	0	0.25	0.50	0.46	0	1	4	0	0
			2021	1.04	-	0.01	0.04	0.51	0	0.13	0.50	1.39	0	1	4	1	0

Lampiran 18
Uji Statistik Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Sum	Mean	Std. Deviation
Financial Stability	66	-.71	3.07	6.59	.0998	.53319
Financial Targets	66	-.58	2.07	1.08	.0164	.35469
External Preassur	66	.03	3.14	42.68	.6467	.54682
Change In Auditor	66	0	1	7	.11	.310
Rasio Total Aset	66	-.63	2.14	-3.25	-.0492	.35609
Ineffective Monitoring	66	.00	.67	28.99	.4392	.11504
Nature Of Industry	66	-5.04	24.92	90.11	1.3653	3.26930
Kualitas Auditor External	66	0	1	16	.24	.432
Eksistensi Perusahaan	66	0	1	57	.86	.346
Frequent Number Of CEO Picture	66	0	12	218	3.30	1.839
Change In Director	66	0	1	13	.20	.401
Kerjasama Dengan Proyek Pemerintah	66	0	1	31	.47	.503
Kecurangan Laporan Keuangan	66	0	1	10	.15	.361
Valid N (listwise)	66					

Lampiran 19

Hasil Uji Regresi Logistik

Variables in the Equation

	B	S.E.	Wald	Df	Sig.	Exp(B)
Step 1 ^a X1	2.200	.987	4.965	1	.026	9.024
X2	13.792	5.414	6.490	1	.011	976498.898
X3	-1.071	1.789	.358	1	.549	.343
X4	2.543	1.389	3.353	1	.067	12.714
X5	-13.618	5.589	5.937	1	.015	.000
X6	-5.228	4.101	1.625	1	.202	.005
X7	.145	.130	1.234	1	.267	1.155
X8	-.795	1.392	.326	1	.568	.452
X9	.078	1.574	.002	1	.961	1.081
X10	.159	.201	.624	1	.430	1.172
X11	1.647	1.218	1.829	1	.176	5.193
X12	.146	.967	.023	1	.880	1.157
Constant	-2.232	2.702	.683	1	.409	.107

a. Variable(s) entered on step 1: X1, X2, X3, X4, X5, X6, X7, X8, X9, X10, X11, X12.

Lampiran 20

Hasil Uji Kelayakan Model Regresi

Hosmer and Lemeshow Test

Step	Chi-square	Df	Sig.
1	7.666	7	.363

Lampiran 21

Hasil Uji Keseluruhan Model Blok 0

Iteration History^{a,b,c}

Iteration		-2 Log likelihood	Coefficients
			Constant
Step 0	1	57.133	-1.394
	2	56.152	-1.691
	3	56.143	-1.722
	4	56.143	-1.723

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 56.143

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Lampiran 22

Hasil Uji Keseluruhan Model Blok 1

Iteration History^{a,b,c,d}

Iteration		-2 Log likelihood	Coefficients												
			Constant	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12
Step 1	1	44.264	-.975	.908	4.557	-.007	.842	-4.227	-2.979	.038	-.481	-.085	.107	.480	.263
	2	37.424	-1.587	1.534	8.842	-.179	1.651	-8.466	-4.577	.079	-.754	.056	.147	.924	.268
	3	35.752	-2.072	1.981	12.130	-.573	2.236	-11.852	-5.173	.118	-.850	.133	.161	1.355	.190
	4	35.527	-2.213	2.167	13.509	-.957	2.491	-13.318	-5.236	.139	-.811	.090	.160	1.596	.154
	5	35.519	-2.232	2.199	13.780	-1.066	2.541	-13.606	-5.229	.144	-.795	.078	.159	1.645	.146
	6	35.519	-2.232	2.200	13.792	-1.071	2.543	-13.618	-5.228	.145	-.795	.078	.159	1.647	.146
	7	35.519	-2.232	2.200	13.792	-1.071	2.543	-13.618	-5.228	.145	-.795	.078	.159	1.647	.146

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 56.143

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Lampiran 23

Hasil Uji Koefisien Determinasi (Nagelkerke Square)

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	35.519 ^a	.268	.468

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Lampiran 23**Hasil Analisis Uji Wald****Variables in the Equation**

	B	S.E.	Wald	df	Sig.	Exp(B)
Step 1 ^a X1	2.200	.987	4.965	1	.026	9.024
X2	13.792	5.414	6.490	1	.011	976498.898
X3	-1.071	1.789	.358	1	.549	.343
X4	2.543	1.389	3.353	1	.067	12.714
X5	-13.618	5.589	5.937	1	.015	.000
X6	-5.228	4.101	1.625	1	.202	.005
X7	.145	.130	1.234	1	.267	1.155
X8	-.795	1.392	.326	1	.568	.452
X9	.078	1.574	.002	1	.961	1.081
X10	.159	.201	.624	1	.430	1.172
X11	1.647	1.218	1.829	1	.176	5.193
X12	.146	.967	.023	1	.880	1.157
Constant	-2.232	2.702	.683	1	.409	.107

a. Variable(s) entered on step 1: X1, X2, X3, X4, X5, X6, X7, X8, X9, X10, X11, X12.