

## LAMPIRAN

### Lampiran 01 Populasi Penelitian pada Sub Sektor Property dan Real Estate

| No | Kode | Nama Perusahaan                |
|----|------|--------------------------------|
| 1  | ASRI | Alam Sutera Realty Tbk.        |
| 2  | BSBK | Wulandari Bangun Laksana Tbk.  |
| 3  | ASPI | Andalan Sakti Primaindo Tbk.   |
| 4  | BAPA | Bekasi Asri Pemula Tbk.        |
| 5  | PLIN | Plaza Indonesia Realty Tbk.    |
| 6  | GPRA | Perdana Gapuraprima Tbk.       |
| 7  | BKDP | Bukit Darmo Property Tbk       |
| 8  | TRIN | Perintis Trinita Properti Tbk. |
| 9  | DADA | Diamond Citra Propertindo Tbk. |
| 10 | BAPI | Bhakti Agung Propertindo Tbk.  |
| 11 | AMAN | Makmur Berkah Amanda Tbk.      |
| 12 | TRUE | Trinita Dinamik Tbk.           |
| 13 | OMRE | Indonesia Prima Property Tbk   |
| 14 | HOMI | Grand House Mulia Tbk.         |
| 15 | FMII | Fortune Mate Indonesia Tbk     |
| 16 | NIRO | City Retail Developments Tbk.  |
| 17 | IPAC | Era Graharealty Tbk.           |
| 18 | LPCK | Lippo Cikarang Tbk             |
| 19 | SMRA | Summarecon Agung Tbk.          |
| 20 | SATU | Kota Satu Properti Tbk.        |
| 21 | BIKA | Binakarya Jaya Abadi Tbk.      |
| 22 | ATAP | Trimitra Prawara Goldland Tbk. |
| 23 | POLI | Pollux Hotels Group Tbk.       |
| 24 | PANI | Pantai Indah Kapuk Dua Tbk.    |
| 25 | RDTX | Roda Vivatex Tbk               |
| 26 | PUDP | Pudjiadi Prestige Tbk.         |
| 27 | LPKR | Lippo Karawaci Tbk.            |
| 28 | MKPI | Metropolitan Kentjana Tbk.     |
| 29 | MPRO | Maha Properti Indonesia Tbk.   |
| 30 | SAGE | Saptausaha Gemilangindah Tbk.  |
| 31 | RBMS | Ristia Bintang Mahkotasejati T |
| 32 | POLL | Pollux Properties Indonesia Tb |
| 33 | BIPP | Bhuwanatala Indah Permai Tbk.  |
| 34 | ADCP | Adhi Commuter Properti Tbk.    |
| 35 | MDLN | Modernland Realty Tbk.         |
| 36 | MTSM | Metro Realty Tbk.              |

| <b>No</b> | <b>Kode</b> | <b>Nama Perusahaan</b>         |
|-----------|-------------|--------------------------------|
| 37        | APLN        | Agung Podomoro Land Tbk.       |
| 38        | TARA        | Agung Semesta Sejahtera Tbk.   |
| 39        | ROCK        | Rockfields Properti Indonesia  |
| 40        | DMAS        | Puradelta Lestari Tbk.         |
| 41        | UANG        | Pakuan Tbk.                    |
| 42        | PURI        | Puri Global Sukses Tbk.        |
| 43        | EMDE        | Megapolitan Developments Tbk.  |
| 44        | KIJA        | Kawasan Industri Jababeka Tbk. |
| 45        | CSIS        | Cahayasakti Investindo Sukses  |
| 46        | DILD        | Intiland Development Tbk.      |
| 47        | INPP        | Indonesian Paradise Property T |
| 48        | POSA        | Bliss Properti Indonesia Tbk.  |
| 49        | GMTD        | Gowa Makassar Tourism Developm |
| 50        | PAMG        | Bima Sakti Pertiwi Tbk.        |
| 51        | DART        | Duta Anggada Realty Tbk.       |
| 52        | VAST        | Vastland Indonesia Tbk.        |
| 53        | CITY        | Natura City Developments Tbk.  |
| 54        | BBSS        | Bumi Benowo Sukses Sejahtera T |
| 55        | BSDE        | Bumi Serpong Damai Tbk.        |
| 56        | DUTI        | Duta Pertiwi Tbk               |
| 57        | PWON        | Pakuwon Jati Tbk.              |
| 58        | NASA        | Andalan Perkasa Abadi Tbk.     |
| 59        | BEST        | Bekasi Fajar Industrial Estate |
| 60        | ELTY        | Bakrieland Development Tbk.    |
| 61        | BKSL        | Sentul City Tbk.               |
| 62        | RISE        | Jaya Sukses Makmur Sentosa Tbk |
| 63        | LAND        | Trimitra Propertindo Tbk.      |
| 64        | INDO        | Royalindo Investa Wijaya Tbk.  |
| 65        | MTLA        | Metropolitan Land Tbk.         |
| 66        | NZIA        | Nusantara Almazia Tbk.         |
| 67        | WINR        | Winner Nusantara Jaya Tbk.     |
| 68        | KBAG        | Karya Bersama Anugerah Tbk.    |
| 69        | RODA        | Pikko Land Development Tbk.    |
| 70        | BCIP        | Bumi Citra Permai Tbk.         |
| 71        | MMLP        | Mega Manunggal Property Tbk.   |
| 72        | JRPT        | Jaya Real Property Tbk.        |
| 73        | REAL        | Repower Asia Indonesia Tbk.    |
| 74        | COWL        | Cowell Development Tbk.        |
| 75        | CTRA        | Ciputra Development Tbk.       |
| 76        | GAMA        | Aksara Global Development Tbk. |

| No | Kode | Nama Perusahaan                 |
|----|------|---------------------------------|
| 77 | LCGP | Eureka Prima Jakarta Tbk.       |
| 78 | LPLI | Star Pacific Tbk                |
| 79 | MYRX | Hanson International Tbk.       |
| 80 | PPRO | PP Properti Tbk.                |
| 81 | RIMO | Rimo International Lestari Tbk. |
| 82 | SMDM | Suryamas Dutamakmur Tbk.        |
| 83 | FORZ | Forza Land Indonesia Tbk.       |
| 84 | ARMY | Armidian Karyatama Tbk.         |
| 85 | URBN | Urban Jakarta Propertindo Tbk.  |
| 86 | CPRI | Capri Nusa Satu Properti Tbk.   |
| 87 | CBPE | Citra Buana Prasida Tbk.        |
| 88 | RELF | Graha Mitra Asia Tbk.           |
| 89 | HBAT | Minahasa Membangun Hebat Tbk.   |
| 90 | GRIA | Ingria Pratama Capitalindo Tbk  |
| 91 | MSIE | Multisarana Intan Eduka Tbk.    |
| 92 | KOCI | Kokoh Exa Nusantara Tbk.        |

Sumber : Indonesian Stock Exchange (IDX) 2021-2023

**Keterangan :**

Total Populasi pada Sub Sektor Property dan Real Estate : 92

Adapun beberapa data laporan keuangan yang tidak bisa diakses : 19

Jadi Total populasi perusahaan aktif pada sub sektor property dan real estate : 73

**Lampiran 02 Sample Jenuh pada Sub Sektor Property dan Real Estate**

| <b>No</b> | <b>Kode</b> | <b>Nama Perusahaan</b>         |
|-----------|-------------|--------------------------------|
| 1         | ASRI        | Alam Sutera Realty Tbk.        |
| 2         | BSBK        | Wulandari Bangun Laksana Tbk.  |
| 3         | ASPI        | Andalan Sakti Primaindo Tbk.   |
| 4         | BAPA        | Bekasi Asri Pemula Tbk.        |
| 5         | PLIN        | Plaza Indonesia Realty Tbk.    |
| 6         | GPRA        | Perdana Gapuraprima Tbk.       |
| 7         | BKDP        | Bukit Darmo Property Tbk       |
| 8         | TRIN        | Perintis Trinita Properti Tbk. |
| 9         | DADA        | Diamond Citra Propertindo Tbk. |
| 10        | BAPI        | Bhakti Agung Propertindo Tbk.  |
| 11        | AMAN        | Makmur Berkah Amanda Tbk.      |
| 12        | TRUE        | Trinita Dinamik Tbk.           |
| 13        | OMRE        | Indonesia Prima Property Tbk   |
| 14        | HOMI        | Grand House Mulia Tbk.         |
| 15        | FMII        | Fortune Mate Indonesia Tbk     |
| 16        | NIRO        | City Retail Developments Tbk.  |
| 17        | IPAC        | Era Graharealty Tbk.           |
| 18        | LPCK        | Lippo Cikarang Tbk             |
| 19        | SMRA        | Summarecon Agung Tbk.          |
| 20        | SATU        | Kota Satu Properti Tbk.        |
| 21        | BIKA        | Binakarya Jaya Abadi Tbk.      |
| 22        | ATAP        | Trimitra Prawara Goldland Tbk. |
| 23        | POLI        | Pollux Hotels Group Tbk.       |
| 24        | PANI        | Pantai Indah Kapuk Dua Tbk.    |
| 25        | RDTX        | Roda Vivatex Tbk               |
| 26        | PUDP        | Pudjiadi Prestige Tbk.         |
| 27        | LPKR        | Lippo Karawaci Tbk.            |
| 28        | MKPI        | Metropolitan Kentjana Tbk.     |
| 29        | MPRO        | Maha Properti Indonesia Tbk.   |
| 30        | SAGE        | Saptausaha Gemilangindah Tbk.  |
| 31        | RBMS        | Ristia Bintang Mahkotasejati T |
| 32        | POLL        | Pollux Properties Indonesia Tb |
| 33        | BIPP        | Bhuwanatala Indah Permai Tbk.  |
| 34        | ADCP        | Adhi Commuter Properti Tbk.    |
| 35        | MDLN        | Modernland Realty Tbk.         |
| 36        | MTSM        | Metro Realty Tbk.              |
| 37        | APLN        | Agung Podomoro Land Tbk.       |
| 38        | TARA        | Agung Semesta Sejahtera Tbk.   |
| 39        | ROCK        | Rockfields Properti Indonesia  |
| 40        | DMAS        | Puradelta Lestari Tbk.         |
| 41        | UANG        | Pakuan Tbk.                    |

| No | Kode | Nama Perusahaan                |
|----|------|--------------------------------|
| 42 | PURI | Puri Global Sukses Tbk.        |
| 43 | EMDE | Megapolitan Developments Tbk.  |
| 44 | KIJA | Kawasan Industri Jababeka Tbk. |
| 45 | CSIS | Cahayasakti Investindo Sukses  |
| 46 | DILD | Intiland Development Tbk.      |
| 47 | INPP | Indonesian Paradise Property T |
| 48 | POSA | Bliss Properti Indonesia Tbk.  |
| 49 | GMTD | Gowa Makassar Tourism Developm |
| 50 | PAMG | Bima Sakti Pertiwi Tbk.        |
| 51 | DART | Duta Anggada Realty Tbk.       |
| 52 | VAST | Vastland Indonesia Tbk.        |
| 53 | CITY | Natura City Developments Tbk.  |
| 54 | BBSS | Bumi Benowo Sukses Sejahtera T |
| 55 | BSDE | Bumi Serpong Damai Tbk.        |
| 56 | DUTI | Duta Pertiwi Tbk               |
| 57 | PWON | Pakuwon Jati Tbk.              |
| 58 | NASA | Andalan Perkasa Abadi Tbk.     |
| 59 | BEST | Bekasi Fajar Industrial Estate |
| 60 | ELTY | Bakrieland Development Tbk.    |
| 61 | BKSL | Sentul City Tbk.               |
| 62 | RISE | Jaya Sukses Makmur Sentosa Tbk |
| 63 | LAND | Trimitra Propertindo Tbk.      |
| 64 | INDO | Royalindo Investa Wijaya Tbk.  |
| 65 | MTLA | Metropolitan Land Tbk.         |
| 66 | NZIA | Nusantara Almazia Tbk.         |
| 67 | WINR | Winner Nusantara Jaya Tbk.     |
| 68 | KBAG | Karya Bersama Anugerah Tbk.    |
| 69 | RODA | Pikko Land Development Tbk.    |
| 70 | BCIP | Bumi Citra Permai Tbk.         |
| 71 | MMLP | Mega Manunggal Property Tbk.   |
| 72 | JRPT | Jaya Real Property Tbk.        |
| 73 | REAL | Repower Asia Indonesia Tbk.    |

Sumber : Indonesian Stock Exchange (IDX) 2021-2023

**Lampiran 03 Data Laporan Laba Rugi Perusahaan Property dan Real Estate Tahun 2021-2023**

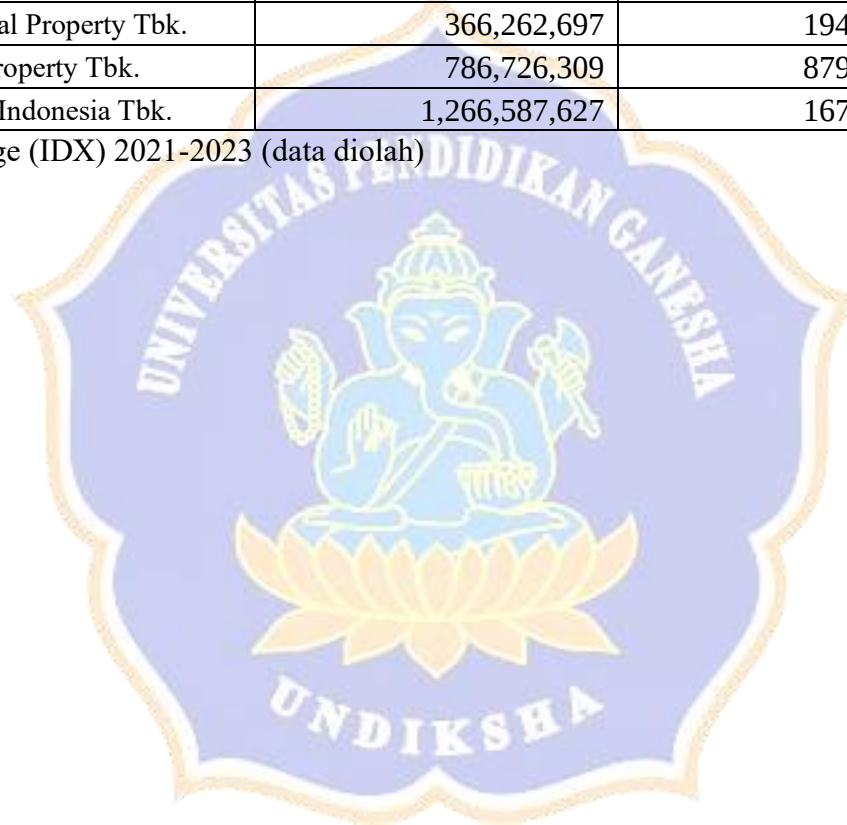
| No | Kode | Nama Perusahaan                | 2021              | 2022              | 2023              |
|----|------|--------------------------------|-------------------|-------------------|-------------------|
| 1  | ASRI | Alam Sutera Realty Tbk.        | 142,928,791       | 1,098,364,937     | 637,639,854       |
| 2  | BSBK | Wulandari Bangun Laksana Tbk.  | 863,184,428,450   | 3,976,498,607     | 39,598,551,760    |
| 3  | ASPI | Andalan Sakti Primaindo Tbk.   | (698,498,498)     | (2,907,454,314)   | (2,466,930,200)   |
| 4  | BAPA | Bekasi Asri Pemula Tbk.        | (2,052,255,452)   | (3,712,072,464)   | (2,857,333,912)   |
| 5  | PLIN | Plaza Indonesia Realty Tbk.    | 447,757,412       | 557,392,413       | 613,266,995       |
| 6  | GPRA | Perdana Gapuraprima Tbk.       | 49,537,431,683    | 76,356,236,772    | 96,478,579,108    |
| 7  | BKDP | Bukit Darmo Property Tbk       | (36,260,265,843)  | (33,007,921,040)  | (34,594,542,018)  |
| 8  | TRIN | Perintis Trinita Properti Tbk. | (50,322,824)      | 28,044,284        | (146,450,768)     |
| 9  | DADA | Diamond Citra Propertindo Tbk. | 5,087,365,030     | 890,204,966       | 1,251,931,326     |
| 10 | BAPI | Bhakti Agung Propertindo Tbk.  | (1,016,507,793)   | (97,843,557)      | (1,322,620,236)   |
| 11 | AMAN | Makmur Berkah Amanda Tbk.      | 30,282,784        | 34,531,399        | 57,009,157        |
| 12 | TRUE | Trinita Dinamik Tbk.           | 32,599,209,219    | (17,331,087,757)  | (20,233,287,899)  |
| 13 | OMRE | Indonesia Prima Property Tbk   | (170,621,337,468) | (235,810,272,617) | (164,441,180,567) |
| 14 | HOMI | Grand House Mulia Tbk.         | 5,363,772,499     | 7,022,211,935     | 4,304,206,492     |
| 15 | FMII | Fortune Mate Indonesia Tbk     | 8,562,000,000     | 17,274,000,000    | 17,363,000,000    |
| 16 | NIRO | City Retail Developments Tbk.  | (164,129,909,756) | (355,490,918,415) | (312,805,581,582) |
| 17 | IPAC | Era Graharealty Tbk.           | 3,911,116,806     | 4,716,567,779     | 2,852,895,634     |
| 18 | LPCK | Lippo Cikarang Tbk             | 140,369,000,000   | 302,814,000       | 108,583,000,000   |
| 19 | SMRA | Summarecon Agung Tbk.          | 549,696,051       | 771,743,500       | 1,057,692,007     |
| 20 | SATU | Kota Satu Properti Tbk.        | (17,007,904,858)  | (8,190,794,204)   | (3,871,542,654)   |
| 21 | BIKA | Binakarya Jaya Abadi Tbk.      | 194,564,034,960   | (177,893,377,255) | (44,176,684,572)  |
| 22 | ATAP | Trimitra Prawara Goldland Tbk. | 5,523,720,887     | 2,152,362,165     | 162,823,729       |

| No | Kode | Nama Perusahaan                | 2021              | 2022              | 2023              |
|----|------|--------------------------------|-------------------|-------------------|-------------------|
| 23 | POLI | Pollux Hotels Group Tbk.       | 35,847,355,212    | 155,049,779,830   | 92,392,176,458    |
| 24 | PANI | Pantai Indah Kapuk Dua Tbk.    | 1,680,076,000     | 288,311,135,000   | 780,679,186,000   |
| 25 | RDTX | Roda Vivatex Tbk               | 195,806,481,653   | 270,816,725,275   | 302,802,252,723   |
| 26 | PUDP | Pudjiadi Prestige Tbk.         | (17,733,938,826)  | 279,002,702,816   | 367,040,643       |
| 27 | LPKR | Lippo Karawaci Tbk.            | (1,623,183)       | (2,327,495)       | 653,699           |
| 28 | MKPI | Metropolitan Kentjana Tbk.     | 324,669,719,210   | 701,335,731,285   | 844,447,264,297   |
| 29 | MPRO | Maha Properti Indonesia Tbk.   | (13,969,360)      | (29,208,883)      | (38,956,228)      |
| 30 | SAGE | Saptausaha Gemilangindah Tbk.  | 4,879,398,358     | 11,703,238,391    | 4,772,429,774     |
| 31 | RBMS | Ristia Bintang Mahkotasejati T | (23,700,030,500)  | (39,783,212,530)  | (20,706,826,771)  |
| 32 | POLL | Pollux Properties Indonesia Tb | (136,516,510,586) | 468,726,226,741   | 12,045,828,225    |
| 33 | BIPP | Bhuwanatala Indah Permai Tbk.  | 19,566,643,069    | 25,273,691,937    | (4,472,990,784)   |
| 34 | ADCP | Adhi Commuter Properti Tbk.    | 130,360,626,634   | 105,019,195,202   | 116,165,351,465   |
| 35 | MDLN | Modernland Realty Tbk.         | (41,994,106,784)  | 20,170,729,245    | (104,841,134,375) |
| 36 | MTSM | Metro Realty Tbk.              | (3,121,418,234)   | (6,947,090,119)   | (7,269,897,244)   |
| 37 | APLN | Agung Podomoro Land Tbk.       | (485,227,632)     | 2,268,910,393     | 1,164,518,767     |
| 38 | TARA | Agung Semesta Sejahtera Tbk.   | 21,430,197,891    | (3,070,556,913)   | (2,624,032,163)   |
| 39 | ROCK | Rockfields Properti Indonesia  | (5,316,068,984)   | 5,734,158,172     | 11,717,512,039    |
| 40 | DMAS | Puradelta Lestari Tbk.         | 714,858,418,799   | 1,218,496,386,998 | 1,210,892,246,433 |
| 41 | UANG | Pakuan Tbk.                    | (76,143,367,649)  | (59,113,539,721)  | 261,225,644,505   |
| 42 | PURI | Puri Global Sukses Tbk.        | 9,071,721,203     | 721,876,100       | 1,098,964,037     |
| 43 | EMDE | Megapolitan Developments Tbk.  | 1,034,201,610,092 | (68,275,169,424)  | (271,564,578,143) |
| 44 | KIJA | Kawasan Industri Jababeka Tbk. | 87,635,897,475    | 40,980,837,130    | 528,623,322,076   |
| 45 | CSIS | Cahayasakti Investindo Sukses  | 19,810,506,330    | 23,619,897,053    | 5,406,258,674     |

| <b>No</b> | <b>Kode</b> | <b>Nama Perusahaan</b>         | <b>2021</b>       | <b>2022</b>       | <b>2023</b>         |
|-----------|-------------|--------------------------------|-------------------|-------------------|---------------------|
| 46        | DILD        | Intiland Development Tbk.      | (29,065,195,094)  | 191,967,902,267   | 758,028,371,346     |
| 47        | INPP        | Indonesian Paradise Property T | (42,055,463,453)  | 69,492,222,999    | 184,896,859,617     |
| 48        | POSA        | Bliss Properti Indonesia Tbk.  | (141,256,282,027) | (121,611,708,472) | (146,336,427,126)   |
| 49        | GMTD        | Gowa Makassar Tourism Developm | (27,376,369,761)  | 8,998,249,188     | 129,014,313,359     |
| 50        | PAMG        | Bima Sakti Pertiwi Tbk.        | (10,461,119,551)  | (3,204,647,893)   | 427,395,581         |
| 51        | DART        | Duta Anggada Realty Tbk.       | (411,222,141)     | (421,159,213)     | (343,797,532)       |
| 52        | VAST        | Vastland Indonesia Tbk.        | 114,659,963,870   | 16,587,527,629    | 98,795,290,848      |
| 53        | CITY        | Natura City Developments Tbk.  | 1,261,805,333     | (21,279,375,357)  | 1,924,756,848       |
| 54        | BBSS        | Bumi Benowo Sukses Sejahtera T | (1,094,508,876)   | (1,810,683,043)   | (1,211,181,769)     |
| 55        | BSDE        | Bumi Serpong Damai Tbk.        | 1,538,840,956,173 | 2,656,885,590,302 | 2,259,456,837,723   |
| 56        | DUTI        | Duta Pertiwi Tbk               | 730,113,120,884   | 849,697,244,502   | 1,285,261,384,85    |
| 57        | PWON        | Pakuwon Jati Tbk.              | 1,550,434,339     | 1,831,130,001     | 2,381,869,254       |
| 58        | NASA        | Andalan Perkasa Abadi Tbk.     | (4,933,144,785)   | (279,278,890)     | 6,340,233,341       |
| 59        | BEST        | Bekasi Fajar Industrial Estate | (71,095,023,263)  | 33,729,572,546    | 39,528,179,905      |
| 60        | ELTY        | Bakrieland Development Tbk.    | (273,529,000,000) | (789,619,000,000) | (1,122,557,000,000) |
| 61        | BKSL        | Sentul City Tbk.               | 229,270,350,880   | (167,082,791,575) | 317,829,464,554     |
| 62        | RISE        | Jaya Sukses Makmur Sentosa Tbk | 40,965,480,325    | 35,845,759,726    | 14,790,723,518      |
| 63        | LAND        | Trimitra Propertindo Tbk.      | (11,601,943,202)  | (7,918,635,681)   | (11,742,307,395)    |
| 64        | INDO        | Royalindo Investa Wijaya Tbk.  | 8,598,932,859     | 32,223,070,988    | 12,348,183,560      |
| 65        | MTLA        | Metropolitan Land Tbk.         | 380,666,000,000   | 417,934,000,000   | 492,910,000,000     |
| 66        | NZIA        | Nusantara Almazia Tbk.         | 3,061,999,615     | 1,539,821,684     | (8,766,448,830)     |
| 67        | WINR        | Winner Nusantara Jaya Tbk.     | 108,614,062,121   | 4,712,034,773     | 30,801,873,330      |
| 68        | KBAG        | Karya Bersama Anugerah Tbk.    | 1,559,972,648     | 9,322,110,495     | -9,407,003,883      |

| No | Kode | Nama Perusahaan              | 2021           | 2022             | 2023             |
|----|------|------------------------------|----------------|------------------|------------------|
| 69 | RODA | Pikko Land Development Tbk.  | 32,760,960,104 | (25,847,145,542) | (34,572,647,655) |
| 70 | BCIP | Bumi Citra Permai Tbk.       | 124,179,366    | 17,063,851,989   | 17,290,964,462   |
| 71 | MMLP | Mega Manunggal Property Tbk. | 366,262,697    | 194,546,174      | 113,353,569      |
| 72 | JRPT | Jaya Real Property Tbk.      | 786,726,309    | 879,772,894      | 1,024,337,528    |
| 73 | REAL | Repower Asia Indonesia Tbk.  | 1,266,587,627  | 167,069,190      | 177,770,573      |

Sumber : Indonesian Stock Exchange (IDX) 2021-2023 (data diolah)



**Lampiran 04 Data Komponen Metode Altman Z-Score**

| Kode | Tahun | NWC               | TA                | RE               | EBIT            | TE                | TDR               |
|------|-------|-------------------|-------------------|------------------|-----------------|-------------------|-------------------|
| ASRI | 2021  | -598,859,885      | 21,933,974,714    | 6,888,454,855    | 158,479,487     | 9,536,091,236     | 12,397,883,478    |
|      | 2022  | -81,525,167       | 22,298,925,271    | 7,973,214,235    | 1,106,143,111   | 10,642,624,565    | 11,656,300,706    |
|      | 2023  | -782,860,738      | 22,236,236,864    | 8,605,919,365    | 667,944,857     | 11,271,185,762    | 10,965,051,102    |
| BSBK | 2021  | -293,300,494,606  | 2,265,483,090,256 | 493,119,005,418  | 863,358,614,108 | 1,140,825,993,613 | 1,124,657,096,643 |
|      | 2022  | 191,265,669,395   | 2,521,415,902,502 | 492,095,504,025  | 4,224,181,012   | 1,646,329,204,159 | 875,086,698,343   |
|      | 2023  | 148,582,767,772   | 2,494,630,511,563 | 531,694,055,785  | 39,892,924,560  | 1,685,932,931,442 | 808,697,580,121   |
| ASPI | 2021  | 99,562,200,644    | 104,778,918,147   | -4,868,763,224   | -698,498,498    | 72,941,244,871    | 31,837,673,276    |
|      | 2022  | 81,435,751,642    | 91,092,516,350    | -7,572,629,237   | -2,907,454,314  | 70,079,237,642    | 21,013,278,708    |
|      | 2023  | 83,812,467,053    | 95,557,369,707    | -9,704,070,619   | -2,466,930,200  | 70,857,637,419    | 24,699,732,288    |
| BAPA | 2021  | 17,489,140,646    | 139,570,998,335   | 69,710,292,938   | -2,015,298,510  | -132,399,912,496  | 7,171,085,839     |
|      | 2022  | 16,462,583,070    | 135,434,013,488   | 66,155,301,637   | -3,683,710,843  | 128,844,921,195   | 6,589,092,293     |
|      | 2023  | 14,703,356,285    | 134,862,326,695   | 63,110,429,632   | -2,521,769,751  | 125,800,049,190   | 9,062,277,505     |
| PLIN | 2021  | 723,078,765       | 11,971,692,555    | 9,650,151,207    | 503,634,642     | 10,797,455,175    | 1,174,237,380     |
|      | 2022  | 704,289,384       | 12,369,620,391    | 9,897,768,826    | 579,356,012     | 11,045,072,794    | 1,324,547,597     |
|      | 2023  | 389,880,752       | 12,242,514,110    | 9,741,950,703    | 646,618,826     | 10,889,254,671    | 1,353,259,439     |
| GPRA | 2021  | 914,962,519,910   | 1,760,551,462,449 | 520,304,358,367  | 51,128,043,950  | 1,105,912,907,155 | 654,638,555,294   |
|      | 2022  | 935,937,766,979   | 1,781,355,644,223 | 589,470,080,320  | 77,391,754,171  | 1,178,498,310,599 | 602,857,333,624   |
|      | 2023  | 1,107,123,760,018 | 1,954,231,417,996 | 672,356,626,261  | 98,128,197,935  | 1,268,359,035,889 | 685,872,382,107   |
| BKDP | 2021  | -25,918,138,263   | 774,139,598,349   | -389,770,692,008 | -35,988,364,313 | 446,563,805,363   | 327,575,792,986   |

| Kode  | Tahun | NWC              | TA                | RE                | EBIT             | TE                | TDR             |
|-------|-------|------------------|-------------------|-------------------|------------------|-------------------|-----------------|
|       | 2022  | -62,402,892,728  | 756,499,706,863   | -422,774,477,100  | -32,926,781,117  | 413,245,749,651   | 343,253,957,212 |
|       | 2023  | -99,928,575,798  | 758,238,599,826   | -457,365,602,452  | -34,188,318,030  | 381,907,437,249   | 376,331,162,577 |
| TRIN  | 2021  | 140,007,147      | 1,871,869,145     | 29,461,915        | -50,367,650      | 657,033,254       | 1,214,835,891   |
|       | 2022  | 42,712,518       | 2,076,978,640     | 29,667,655        | 34,895,362       | 642,070,887       | 1,434,907,753   |
|       | 2023  | 259,358,215      | 2,212,539,866     | -60,576,798       | -144,465,326     | 622,765,835       | 1,589,774,031   |
| DADA  | 2021  | 312,373,400,395  | 631,233,385,628   | 43,795,091,085    | 7,004,158,489    | 343,306,885,603   | 287,926,500,025 |
|       | 2022  | 277,529,883,909  | 660,425,520,304   | 45,061,820,597    | 1,640,384,221    | 344,545,153,968   | 315,880,366,336 |
|       | 2023  | -96,404,715,045  | 647,574,400,138   | 46,367,378,690    | 1,841,677,983    | 350,903,583,170   | 296,670,816,968 |
| BAPI  | 2021  | 576,370,850,675  | 650,261,732,915   | 12,060,755,665    | -891,687,677     | 427,743,682,942   | 222,518,049,973 |
|       | 2022  | 576,215,864,296  | 663,258,694,473   | -12,158,599,222   | 177,992,261      | 427,738,463,869   | 235,520,230,604 |
|       | 2023  | 583,660,537,710  | 672,664,749,162   | -13,481,219,458   | -1,267,720,236   | 426,411,687,720   | 246,253,061,442 |
| AMANN | 2021  | 286,755,167      | 861,888,870       | 155,257,684       | 28,936,609       | 619,310,416       | 242,578,454     |
|       | 2022  | 384,009,897      | 966,109,133       | 189,210,331       | 38,962,387       | 652,281,972       | 313,827,161     |
|       | 2023  | 331,775,497      | 1,085,440,454     | 232,587,301       | 67,544,002       | 709,539,653       | 375,900,801     |
| TRUE  | 2021  | 381,307,400,792  | 912,679,449,957   | 54,479,359,131    | 32,605,002,919   | 355,601,446,801   | 557,078,003,156 |
|       | 2022  | 355,690,103,096  | 804,466,848,921   | 37,221,619,957    | -17,249,596,237  | 337,282,310,153   | 467,184,538,768 |
|       | 2023  | 321,913,199,567  | 780,407,465,167   | 17,011,428,440    | -19,441,553,568  | 317,370,080,843   | 463,037,384,324 |
| OMRE  | 2021  | -292,698,229,206 | 4,109,589,029,627 | 2,543,871,141,820 | -169,834,828,965 | 3,391,182,788,485 | 718,406,241,142 |
|       | 2022  | -388,752,692,353 | 3,989,682,804,521 | 2,315,190,112,570 | -235,534,714,310 | 3,162,053,683,507 | 827,629,121,014 |
|       | 2023  | -212,112,726,649 | 4,014,581,267,198 | 2,152,854,302,036 | -162,617,688,782 | 3,603,208,292,532 | 411,372,974,666 |
| HOMI  | 2021  | -217,099,979     | 265,809,234,206   | 452,950,726       | 6,936,172,128    | 119,900,932,944   | 145,908,301,262 |

| Kode | Tahun | NWC               | TA                 | RE               | EBIT             | TE                | TDR               |
|------|-------|-------------------|--------------------|------------------|------------------|-------------------|-------------------|
|      | 2022  | 16,816,960,682    | 265,322,673,542    | 7,226,915,715    | 8,880,293,297    | 126,924,891,879   | 138,397,781,663   |
|      | 2023  | 29,823,316,525    | 222,378,640,251    | 11,268,870,126   | 5,886,197,937    | 131,216,860,371   | 91,161,779,880    |
| FMII | 2021  | 54,262,000        | 869,030,000        | 356,437,000      | 9,921,000        | 635,698,000       | 233,332,000       |
|      | 2022  | 126,142,000       | 752,866,000        | 373,732,000      | 18,622,000       | 651,998,000       | 100,868,000       |
|      | 2023  | 95,054,000        | 782,336,000        | 21,092,000       | 18,431,000       | 669,319,000       | 113,017,000       |
| NIRO | 2021  | 1,769,563,774,172 | 11,691,071,599,377 | -229,860,045,062 | -93,407,788,101  | 6,427,221,923,649 | 5,263,849,675,728 |
|      | 2022  | 735,624,506,826   | 12,930,967,694,757 | -398,475,878,465 | -273,007,873,727 | 6,088,948,510,139 | 6,842,019,184,618 |
|      | 2023  | 985,436,576,968   | 13,584,895,893,410 | -468,730,638,210 | -196,000,550,458 | 5,806,884,580,574 | 7,778,011,312,836 |
| IPAC | 2021  | 22,922,427,467    | 32,957,177,249     | -5,525,727,227   | 5,014,206,111    | 25,783,189,900    | 7,173,987,349     |
|      | 2022  | 29,069,159,482    | 39,088,524,959     | -809,159,448     | 6,127,828,353    | 30,542,623,359    | 8,545,901,600     |
|      | 2023  | 31,012,967,796    | 44,556,390,017     | 2,151,572,295    | 3,948,504,777    | 34,731,251,389    | 9,825,138,628     |
| LPCK | 2021  | 4,259,957,000     | 9,134,537,000      | 1,007,084,000    | 215,527,000      | 6,406,946,000     | 2,727,591,000     |
|      | 2022  | 4,462,702,000     | 9,349,613,000      | 1,310,215,000    | 363,333,000      | 6,695,171,000     | 2,654,442,000     |
|      | 2023  | 4,988,265,000     | 9,681,725,000      | 1,463,976,000    | 169,096,000      | 6,791,326,000     | 2,890,399,000     |
| SMRA | 2021  | 6,061,769,682     | 26,049,716,678     | 5,584,576,744    | 755,916,681      | 11,230,223,167    | 14,819,493,511    |
|      | 2022  | 4,789,346,213     | 28,433,574,878     | 6,115,325,627    | 1,017,856,287    | 11,750,040,507    | 16,683,534,371    |
|      | 2023  | 3,776,514,486     | 31,168,375,086     | 6,736,913,055    | 1,345,404,400    | 12,303,061,872    | 18,865,313,214    |
| SATU | 2021  | 92,264,957,893    | 259,460,426,866    | -51,721,633,881  | -18,044,948,925  | 69,139,614,873    | 190,320,811,993   |
|      | 2022  | 65,180,091,381    | 237,976,128,033    | -59,671,554,393  | -8,075,071,371   | 61,114,894,779    | 176,861,233,254   |
|      | 2023  | 50,521,861,327    | 230,354,151,220    | -63,551,123,338  | -3,794,404,271   | 57,254,384,257    | 173,099,766,963   |

| Kode | Tahun | NWC             | TA                | RE                | EBIT             | TE                | TDR               |
|------|-------|-----------------|-------------------|-------------------|------------------|-------------------|-------------------|
| BIKA | 2021  | 445,461,303,144 | 3,064,221,042,583 | -229,611,738,014  | 195,142,751,303  | -152,771,650,320  | 3,216,992,692,903 |
|      | 2022  | 259,484,494,832 | 2,900,520,980,450 | -356,474,307,005  | -177,513,066,472 | -328,066,486,936  | 3,228,587,467,386 |
|      | 2023  | 367,891,503,464 | 2,914,613,987,231 | -375,281,297,579  | -43,967,770,325  | -371,788,167,449  | 3,286,402,154,680 |
| ATAP | 2021  | 67,749,643,556  | 92,377,902,100    | 15,739,163,699    | 7,274,911,904    | 78,292,367,670    | 14,085,534,430    |
|      | 2022  | 79,488,094,726  | 113,810,417,917   | 15,157,893,222    | 1,308,381,099    | 77,711,097,193    | 36,099,320,724    |
|      | 2023  | 81,542,264,090  | 113,772,662,961   | 16,891,849,593    | 1,123,968,692    | 79,590,309,133    | 34,182,353,828    |
| POLI | 2021  | 134,131,729,810 | 2,440,573,927,925 | 112,582,069,113   | 32,640,595,727   | 1,731,755,494,405 | 708,818,433,520   |
|      | 2022  | 121,814,991,696 | 2,583,234,248,023 | 246,046,492,362   | 163,884,393,272  | 1,900,134,318,060 | 683,099,929,963   |
|      | 2023  | 372,331,015,787 | 3,245,188,408,916 | 338,742,808,490   | 96,004,731,325   | 2,000,629,528,278 | 1,244,558,880,638 |
| PANI | 2021  | -7,468,709,890  | 13,296,259,876    | 517,676           | 2,388,694        | 474,221,651       | 12,822,038,225    |
|      | 2022  | 1,366,607,451   | 15,938,444,031    | 139,349,620       | 289,312,996      | 7,378,214,603     | 8,560,229,428     |
|      | 2023  | 8,853,238,075   | 33,712,005,494    | 409,646,661       | 160,013,658      | 19,089,035,461    | 14,622,970,033    |
| RDTX | 2021  | 317,062,169,760 | 3,161,105,356,526 | 2,752,486,629,715 | 196,384,936,622  | 2,904,671,022,728 | 256,434,333,798   |
|      | 2022  | 433,081,989,082 | 3,387,321,004,206 | 2,822,536,954,745 | 272,103,914,200  | 2,972,531,218,537 | 414,789,785,669   |
|      | 2023  | 419,056,216,196 | 3,440,333,041,238 | 2,730,998,072,794 | 303,752,187,096  | 2,885,197,110,177 | 555,135,931,061   |
| PUDP | 2021  | 206,557,917,308 | 492,003,943,529   | 163,622,476,061   | -14,614,332,242  | 301,457,884,376   | 190,546,059,153   |
|      | 2022  | 321,559,684,641 | 651,369,072,120   | 442,558,194,307   | 290,177,284,148  | 581,238,169,396   | 70,130,902,724    |
|      | 2023  | 235,268,769,527 | 532,350,454,070   | 374,012,982,381   | 131,982,255      | 516,625,377,336   | 15,725,076,734    |
| LPKR | 2021  | 21,768,935      | 52,080,936        | -8,284,890        | -716,966         | 22,486,009        | 29,594,927        |
|      | 2022  | 19,818,141      | 49,870,897        | -10,974,724       | -1,759,132       | 19,139,891        | 30,731,006        |
|      | 2023  | 19,892,708      | 49,570,824        | -10,924,544       | 1,408,007        | 19,606,431        | 29,964,393        |

| Kode | Tahun | NWC              | TA                | RE                | EBIT              | TE                | TDR               |
|------|-------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| MKPI | 2021  | -27,740,650,735  | 7,994,282,432,092 | 5,837,156,396,880 | 412,578,500,051   | 5,836,337,461,790 | 2,157,944,970,302 |
|      | 2022  | 194,788,304,571  | 8,155,939,004,812 | 6,426,577,824,684 | 854,922,482,020   | 6,429,617,047,075 | 1,726,321,957,737 |
|      | 2023  | 585,763,814,275  | 8,388,738,314,302 | 6,848,069,977,627 | 1,042,547,311,160 | 6,851,330,744,372 | 1,537,407,569,930 |
| MPRO | 2021  | -326,307,623     | 1,762,114,841     | -42,948,811       | -12,314,227       | 1,354,597,302     | 407,517,539       |
|      | 2022  | -357,967,949     | 1,725,176,255     | -72,134,188       | -28,869,898       | 1,325,523,976     | 399,652,279       |
|      | 2023  | -410,843,771     | 1,710,197,826     | -111,089,456      | -38,920,878       | 1,286,534,231     | 423,663,595       |
| SAGE | 2021  | -97,025,723,609  | 279,342,459,125   | -20,105,337,508   | 6,118,405,844     | 115,590,998,260   | 163,751,460,865   |
|      | 2022  | -88,011,538,689  | 269,642,242,152   | -8,402,394,477    | 13,170,060,821    | 127,754,091,917   | 141,888,150,235   |
|      | 2023  | 62,006,152,780   | 319,144,587,504   | -3,650,854,699    | 5,361,711,162     | 287,821,628,476   | 31,322,959,028    |
| RBMS | 2021  | 60,964,073,945   | 771,096,800,598   | -93,724,479,459   | -22,123,237,722   | 556,143,509,759   | 214,953,290,839   |
|      | 2022  | 42,162,356,596   | 717,606,761,078   | -132,930,134,547  | -36,314,981,122   | 515,159,338,624   | 198,940,136,778   |
|      | 2023  | 91,113,264,176   | 712,079,911,955   | -153,135,848,664  | -18,767,139,850   | 498,240,301,757   | 213,839,610,198   |
| POLL | 2021  | -776,247,998,092 | 6,895,354,778,172 | -336,511,056,160  | -130,439,909,483  | 1,348,182,405,958 | 5,547,172,372,214 |
|      | 2022  | -387,699,040,587 | 4,845,037,355,081 | 51,119,880,329    | 478,829,826,289   | 1,698,136,443,335 | 3,146,900,911,746 |
|      | 2023  | 135,786,221,613  | 4,513,902,120,644 | 70,602,976,056    | 19,639,104,435    | 2,150,405,313,804 | 2,363,496,806,840 |
| BIPP | 2021  | 297,077,109,053  | 2,045,283,188,218 | -517,089,005,034  | 17,277,246,753    | 1,103,270,823,472 | 942,012,364,746   |
|      | 2022  | 325,478,777,744  | 1,888,336,506,757 | -517,214,940,195  | 22,492,778,051    | 1,081,952,097,344 | 806,384,409,413   |
|      | 2023  | 252,341,542,385  | 1,945,323,867,233 | -561,879,767,437  | -4,256,682,377    | 1,053,427,665,154 | 891,896,202,079   |
| ADCP | 2021  | 116,191,684,251  | 5,978,673,938,137 | 72,248,012,344    | 130,363,628,274   | 2,100,195,446,504 | 3,878,478,491,633 |
|      | 2022  | -141,420,301,330 | 6,321,024,480,878 | 125,122,957,575   | 105,019,861,668   | 2,457,997,445,178 | 3,863,027,035,700 |
|      | 2023  | 856,140,950,000  | 6,643,815,019,188 | 241,288,319,520   | 117,239,277,901   | 2,574,162,796,643 | 4,069,652,222,545 |

| Kode | Tahun | NWC               | TA                 | RE                | EBIT              | TE                | TDR                |
|------|-------|-------------------|--------------------|-------------------|-------------------|-------------------|--------------------|
| MDLN | 2021  | -73,765,162,897   | 14,539,539,040,795 | 1,955,052,463,878 | -8,793,924,920    | 4,184,097,758,081 | 10,355,441,282,714 |
|      | 2022  | -599,290,403,304  | 13,528,168,874,943 | 1,979,864,721,957 | 54,082,293,027    | 4,225,533,402,110 | 9,302,635,472,833  |
|      | 2023  | -394,411,953,707  | 13,688,937,894,339 | 1,879,008,591,725 | -76,356,303,337   | 4,116,826,629,790 | 9,572,111,264,549  |
| MTSM | 2021  | 20,252,892,887    | 69,927,105,928     | -18,359,523,237   | 30,327,624        | 42,699,016,921    | 27,228,089,007     |
|      | 2022  | 24,317,600,230    | 61,883,551,310     | -24,766,599,211   | -5,435,098,623    | 36,285,527,458    | 25,598,023,852     |
|      | 2023  | 18,218,271,344    | 55,219,775,774     | -31,871,889,251   | -5,637,585,732    | 29,173,125,016    | 26,046,650,758     |
| APLN | 2021  | 4,644,546,217     | 29,611,111,193     | 4,108,595,396     | -301,840,223      | 10,539,777,680    | 19,071,333,513     |
|      | 2022  | 5,531,831,541     | 28,617,781,741     | 6,103,512,431     | 2,581,734,223     | 12,469,561,080    | 16,148,220,661     |
|      | 2023  | 2,572,530,655     | 28,327,551,612     | 7,183,759,617     | 1,364,833,014     | 13,451,404,486    | 14,876,147,126     |
| TARA | 2021  | 13,225,120,672    | 1,085,232,564,474  | 27,847,573,904    | 22,625,390,754    | 1,062,688,781,609 | 22,543,782,865     |
|      | 2022  | 9,618,866,915     | 1,080,248,725,557  | 24,240,902,347    | -3,002,375,113    | 1,059,641,445,506 | 20,607,280,051     |
|      | 2023  | 6,611,573,625     | 1,078,259,501,580  | 21,563,779,220    | -2,535,395,823    | 1,057,023,086,850 | 21,236,414,730     |
| ROCK | 2021  | -1,357,080,028    | 1,046,987,621,332  | -154,039,539,049  | 2,637,158,423     | 762,468,077,666   | 284,519,543,666    |
|      | 2022  | 22,695,145,290    | 1,036,286,843,364  | -148,305,378,412  | 15,346,295,086    | 768,430,522,792   | 267,856,320,572    |
|      | 2023  | -13,152,360,029   | 979,580,354,552    | -136,587,856,774  | 22,478,672,449    | 792,104,098,735   | 187,476,255,817    |
| DMAS | 2021  | 2,464,977,940,377 | 6,113,941,603,354  | 137,637,322,328   | 730,898,148,439   | 5,351,173,180,680 | 762,768,422,674    |
|      | 2022  | 3,009,074,074,483 | 6,623,414,189,145  | 508,942,001,194   | 1,238,832,140,678 | 5,724,648,921,085 | 898,765,268,060    |
|      | 2023  | 3,614,136,344,317 | 6,718,508,462,422  | 662,548,055,699   | 1,243,107,683,313 | 5,880,394,031,396 | 838,114,431,026    |

| Kode | Tahun | NWC               | TA                 | RE                | EBIT              | TE                | TDR                |
|------|-------|-------------------|--------------------|-------------------|-------------------|-------------------|--------------------|
| UANG | 2021  | -67,414,329,492   | 1,007,980,152,989  | -87,133,209,767   | -76,375,391,556   | 39,742,955,652    | 968,237,197,337    |
|      | 2022  | -703,852,474,455  | 1,488,828,175,253  | -146,530,256,878  | -59,001,570,100   | -19,654,132,859   | 1,508,482,308,112  |
|      | 2023  | -214,915,444,342  | 1,457,070,042,546  | 114,863,685,456   | 261,225,644,505   | 241,742,315,179   | 1,215,327,727,367  |
| PURI | 2021  | 129,683,160,332   | 224,744,062,680    | 29,034,510,275    | 9,072,601,203     | 127,087,482,647   | 97,656,580,033     |
|      | 2022  | 131,687,857,892   | 316,737,170,421    | 28,556,451,400    | 721,876,100       | 126,100,992,373   | 190,636,178,048    |
|      | 2023  | 113,141,431,957   | 344,855,500,227    | 30,867,834,413    | 1,157,758,817     | 128,154,353,527   | 216,701,146,700    |
| EMDE | 2021  | 487,267,732,327   | 3,728,638,990,780  | 1,223,997,279,811 | 1,061,267,020,904 | 1,694,950,913,099 | 2,033,688,077,681  |
|      | 2022  | 407,406,588,506   | 3,743,751,737,058  | 1,155,468,472,757 | -68,381,092,336   | 1,626,251,802,825 | 2,117,499,934,233  |
|      | 2023  | 382,377,457,905   | 3,519,255,242,883  | 888,346,394,895   | -276,950,329,513  | 1,357,960,207,399 | 2,161,295,035,484  |
| KIJA | 2021  | 7,318,759,440,988 | 12,292,090,330,026 | 1,942,693,698,436 | 100,330,430,110   | 6,372,010,371,083 | 5,920,079,958,943  |
|      | 2022  | 7,092,646,883,944 | 13,110,459,383,600 | 1,878,658,585,757 | 48,892,233,242    | 6,505,375,560,067 | 6,605,083,823,533  |
|      | 2023  | 7,412,739,150,904 | 12,947,435,320,238 | 2,184,234,687,402 | 567,306,401,270   | 6,931,377,236,420 | 6,016,058,083,818  |
| CSIS | 2021  | 211,774,539,634   | 526,136,140,616    | -13,741,543,499   | 21,672,254,143    | 286,977,326,191   | 239,158,814,425    |
|      | 2022  | 205,089,699,655   | 546,666,448,170    | -1,635,425,203    | 26,692,517,807    | 310,447,368,371   | 236,219,079,799    |
|      | 2023  | 214,534,420,961   | 548,709,679,878    | -339,824,912      | 5,732,913,253     | 316,040,829,763   | 232,668,850,115    |
| DILD | 2021  | 179,570,775,366   | 16,460,004,827,627 | 1,105,606,740,951 | 52,812,173,054    | 6,047,376,727,618 | 10,412,628,100,009 |
|      | 2022  | 268,312,461,369   | 16,351,848,378,006 | 1,002,160,385,212 | 259,162,210,388   | 6,215,652,955,420 | 10,136,195,422,586 |
|      | 2023  | 582,053,214,195   | 14,603,908,143,192 | 1,174,519,124,330 | 853,895,497,806   | 6,539,181,428,024 | 8,064,726,715,168  |

| Kode | Tahun | NWC               | TA                | RE                 | EBIT             | TE                | TDR               |
|------|-------|-------------------|-------------------|--------------------|------------------|-------------------|-------------------|
| INPP | 2021  | 1,097,841,305,645 | 8,970,902,805,805 | 2,141,715,786,522  | -67,816,439,755  | 5,696,545,248,632 | 3,274,357,557,173 |
|      | 2022  | 1,414,305,542,206 | 9,163,821,178,882 | 2,167,180,578,628  | 59,398,193,015   | 5,739,889,962,764 | 3,423,931,216,118 |
|      | 2023  | 963,812,089,409   | 9,345,250,655,467 | 2,272,604,340,510  | 168,201,971,867  | 5,928,332,958,330 | 3,416,917,697,137 |
| POSA | 2021  | -657,927,800,579  | 908,417,331,069   | -929,742,990,761   | -141,004,507,336 | -16,598,374,100   | 925,015,705,169   |
|      | 2022  | -798,771,611,476  | 862,192,739,447   | -1,048,189,321,574 | -121,154,050,198 | -137,320,491,091  | 999,513,230,538   |
|      | 2023  | -971,984,562,410  | 782,764,021,283   | -1,191,157,493,251 | -145,609,777,945 | -284,525,231,220  | 1,067,289,252,503 |
| GMTD | 2021  | 203,131,934,031   | 1,072,934,636,699 | 499,578,045,751    | -27,042,012,109  | 557,072,823,084   | 515,861,813,615   |
|      | 2022  | 130,874,823,621   | 1,160,940,485,132 | 508,941,777,657    | 9,388,244,967    | 566,436,554,528   | 594,503,930,604   |
|      | 2023  | 266,111,170,104   | 1,203,935,508,128 | 638,689,376,086    | 129,390,889,680  | 696,284,152,746   | 507,651,355,382   |
| PAMG | 2021  | 2,371,754,027     | 583,578,892,476   | 224,444,170,173    | -10,438,077,547  | 426,021,430,150   | 157,557,462,326   |
|      | 2022  | -3,284,784,728    | 582,565,037,552   | 221,239,522,280    | -3,121,440,219   | 422,808,031,838   | 159,757,005,714   |
|      | 2023  | -6,179,451,557    | 582,636,888,840   | 221,739,563,112    | 472,655,803      | 423,226,005,242   | 159,410,883,598   |
| DART | 2021  | -1,098,176,263    | 6,604,034,590     | 462,910,355        | -408,739,891     | 2,503,287,462     | 4,100,747,128     |
|      | 2022  | -853,571,512      | 6,462,680,097     | 41,761,512         | -405,406,112     | 2,082,346,272     | 4,380,333,825     |
|      | 2023  | -699,475,036      | 6,316,969,636     | -302,030,980       | -312,055,562     | 1,738,529,107     | 4,578,440,529     |
| VAST | 2021  | -21,703,148,536   | 248,799,740,207   | 119,812,888,090    | 114,687,440,292  | 182,039,757,140   | 66,759,983,067    |
|      | 2022  | -43,267,034,795   | 276,578,309,948   | 70,790,415,719     | 16,609,560,203   | 198,610,831,590   | 77,967,478,358    |
|      | 2023  | -44,489,057,300   | 521,460,041,997   | 169,585,706,567    | 98,823,785,765   | 364,743,921,294   | 156,716,120,703   |
| CITY | 2021  | 408,132,242,206   | 951,332,974,900   | 292,152,011,775    | 1,442,150,553    | 874,339,528,765   | 76,993,446,135    |
|      | 2022  | 393,044,026,440   | 933,973,335,744   | 272,452,286,994    | -20,825,422,517  | 854,639,803,984   | 79,333,531,760    |
|      | 2023  | 391,652,988,797   | 972,729,281,465   | 275,496,459,955    | 2,550,345,548    | 857,600,647,728   | 115,128,633,737   |

| Kode | Tahun | NWC                | TA                 | RE                 | EBIT              | TE                 | TDR                |
|------|-------|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|
| BBSS | 2021  | 96,655,458,546     | 254,694,458,906    | 1,063,330,924      | -926,554,331      | 250,818,661,897    | 3,875,797,009      |
|      | 2022  | 93,585,398,861     | 253,436,945,894    | -747,352,119       | -1,762,483,043    | 248,787,500,490    | 4,649,445,404      |
|      | 2023  | 85,685,934,255     | 251,691,605,707    | -1,958,533,888     | -1,170,459,548    | 247,554,809,740    | 4,136,795,967      |
| BSDE | 2021  | 17,429,864,448,184 | 61,469,712,165,656 | 22,374,205,490,250 | 1,547,006,489,870 | 35,893,717,013,842 | 25,575,995,151,814 |
|      | 2022  | 18,253,821,881,273 | 64,999,403,480,787 | 24,786,157,898,681 | 2,661,691,654,486 | 38,045,436,127,815 | 26,953,967,352,972 |
|      | 2023  | 17,477,104,142,053 | 66,827,648,486,393 | 26,722,077,910,782 | 2,269,737,255,284 | 41,201,586,203,678 | 25,626,062,282,715 |
| DUTI | 2021  | 5,498,641,487,924  | 15,308,923,447,779 | 7,726,266,573,848  | 731,322,766,012   | 10,961,489,326,966 | 4,347,434,120,813  |
|      | 2022  | 4,810,547,568,555  | 15,586,178,093,961 | 7,770,324,746,798  | 848,355,149,032   | 10,926,240,355,388 | 4,659,937,738,573  |
|      | 2023  | 4,804,916,986,378  | 15,131,488,996,266 | 8,832,647,235,491  | 1,287,487,828,549 | 11,460,887,206,560 | 3,670,601,789,706  |
| PWON | 2021  | 8,434,059,436      | 28,866,081,129     | 14,421,810,440     | 1,564,246,044     | 19,178,438,459     | 9,687,642,670      |
|      | 2022  | 9,619,966,015      | 30,602,179,916     | 15,767,007,060     | 1,840,056,301     | 20,718,276,011     | 9,883,903,905      |
|      | 2023  | 10,523,285,580     | 32,710,786,983     | 17,558,179,977     | 2,401,827,599     | 22,795,334,366     | 9,915,452,617      |
| NASA | 2021  | 196,422,888,023    | 1,133,852,216,949  | -25,952,119,275    | -4,933,144,785    | 1,071,898,231,206  | 61,953,985,743     |
|      | 2022  | 182,222,101,103    | 1,129,527,346,470  | -26,231,630,308    | -279,278,890      | 1,071,618,952,316  | 57,908,394,154     |
|      | 2023  | 81,263,704,947     | 1,125,838,109,607  | 19,891,161,440     | 6,340,233,341     | 1,077,959,912,725  | 47,878,196,882     |
| BEST | 2021  | 2,080,129,181,321  | 6,046,212,385,412  | 2,904,718,685,404  | -64,952,265,503   | 4,293,897,345,417  | 1,752,315,039,995  |
|      | 2022  | 2,307,196,671,775  | 6,078,468,909,026  | 2,939,345,317,094  | 47,413,516,688    | 4,328,504,067,271  | 1,749,964,841,755  |
|      | 2023  | 2,187,276,677,386  | 5,940,104,349,120  | 2,978,497,819,635  | 52,624,521,609    | 4,367,797,819,625  | 1,572,306,529,495  |

| Kode | Tahun | NWC               | TA                 | RE              | EBIT             | TE                 | TDR               |
|------|-------|-------------------|--------------------|-----------------|------------------|--------------------|-------------------|
| ELTY | 2021  | 76,591,000        | 11,681,203,000     | 33,966,000      | -269,129,000     | 8,147,635,000      | 3,533,568,000     |
|      | 2022  | 550,660,000       | 9,913,459,000      | -210,674,000    | -785,009,000     | 7,241,847,000      | 2,671,612,000     |
|      | 2023  | 428,528,000       | 8,639,053,000      | -1,289,866,000  | -1,117,240,000   | 6,131,245,000      | 2,507,808,000     |
| BKSL | 2021  | 3,012,065,855,780 | 16,654,989,338,161 | 741,193,989,568 | 230,374,807,760  | 10,486,049,543,695 | 6,168,939,794,466 |
|      | 2022  | 2,265,267,628,323 | 16,721,760,263,807 | 581,279,230,724 | -165,844,631,767 | 10,323,210,840,150 | 6,398,549,423,657 |
|      | 2023  | 513,473,853,123   | 19,886,877,883,420 | 914,128,372,484 | 318,899,014,939  | 15,141,083,260,494 | 4,745,794,622,926 |
| RISE | 2021  | 1,143,820,335,883 | 2,646,552,344,998  | 325,212,491,552 | 47,302,366,631   | 2,265,798,584,647  | 380,753,760,351   |
|      | 2022  | 1,183,135,142,138 | 2,712,160,950,002  | 362,890,080,537 | 44,755,418,474   | 2,301,416,113,796  | 410,744,836,206   |
|      | 2023  | 886,750,248,816   | 3,210,704,543,066  | 374,140,109,761 | 21,692,783,309   | 2,437,998,541,065  | 772,706,002,001   |
| LAND | 2021  | 34,291,232,600    | 763,357,981,904    | -28,188,628,108 | -10,905,197,962  | 475,841,562,472    | 287,516,419,432   |
|      | 2022  | -8,682,936,987    | 734,346,966,843    | -36,094,427,789 | -6,947,242,278   | 467,935,762,791    | 266,411,204,052   |
|      | 2023  | -28,968,453,532   | 739,023,696,638    | 47,839,224,184  | -11,174,088,256  | 456,190,966,396    | 282,832,730,242   |
| INDO | 2021  | 645,591,183,165   | 980,668,268,510    | 505,076,080,222 | 8,943,932,859    | 978,741,033,289    | 1,927,235,221     |
|      | 2022  | 635,018,793,734   | 980,544,177,714    | 537,299,168,624 | 32,735,679,996   | 978,308,228,267    | 2,235,949,447     |
|      | 2023  | 529,294,959,822   | 1,004,282,254,206  | 549,647,260,487 | 13,128,664,636   | 999,710,284,678    | 4,571,969,528     |
| MTLA | 2021  | 1,995,108,000     | 6,409,548,000      | 3,094,780,000   | 430,589,000      | 4,406,174,000      | 2,003,374,000     |
|      | 2022  | 2,368,761,000     | 6,735,895,000      | 3,423,021,000   | 476,631,000      | 4,754,672,000      | 1,981,223,000     |
|      | 2023  | 2,455,403,000     | 7,220,711,000      | 3,759,775,000   | 566,478,000      | 5,149,142,000      | 2,071,569,000     |
| NZIA | 2021  | 170,385,325,806   | 633,543,391,000    | 54,687,646,428  | 4,421,506,549    | 511,371,376,960    | 122,172,014,040   |

| Kode | Tahun | NWC               | TA                | RE              | EBIT            | TE                | TDR               |
|------|-------|-------------------|-------------------|-----------------|-----------------|-------------------|-------------------|
|      | 2022  | 189,503,766,460   | 605,500,645,195   | 54,190,903,094  | 2,610,644,626   | 512,777,920,432   | 92,722,724,763    |
|      | 2023  | 205,864,680,691   | 608,022,418,033   | 45,054,305,703  | -8,266,926,330  | 503,975,828,249   | 104,046,589,784   |
| WINR | 2021  | 45,108,785,506    | 263,721,747,744   | 89,149,120,594  | 109,871,322,853 | 176,743,654,571   | 86,978,093,173    |
|      | 2022  | 187,355,973,058   | 419,280,591,650   | 93,726,823,211  | 5,772,244,915   | 328,016,447,798   | 91,264,143,852    |
|      | 2023  | 165,091,873,591   | 454,815,233,099   | 118,460,794,923 | 31,801,835,170  | 358,811,844,282   | 96,003,388,817    |
| KBAG | 2021  | 207,843,107,508   | 458,744,601,288   | 68,432,467,448  | 1,781,165,720   | 381,500,758,856   | 77,243,842,432    |
|      | 2022  | 230,982,793,732   | 443,422,913,606   | 76,964,381,105  | 9,376,834,470   | 390,028,651,289   | 53,394,262,317    |
|      | 2023  | 223,731,714,199   | 424,846,170,502   | 67,558,553,442  | -9,384,854,503  | 380,612,009,112   | 44,234,161,390    |
| RODA | 2021  | 1,134,591,650,809 | 3,650,686,851,644 | 724,885,561,538 | 29,854,508,586  | 2,230,164,838,011 | 1,420,522,013,633 |
|      | 2022  | 1,041,465,260,978 | 3,547,426,939,513 | 686,777,643,416 | -18,099,654,041 | 2,218,529,730,753 | 1,328,897,208,760 |
|      | 2023  | 1,159,587,253,701 | 3,400,853,313,022 | 649,638,037,985 | -27,293,225,662 | 2,178,302,612,094 | 1,222,550,700,928 |
| BCIP | 2021  | 246,592,819,921   | 887,073,065,396   | 285,445,000,137 | 3,533,027,936   | 446,698,141,801   | 440,374,923,595   |
|      | 2022  | 284,414,259,103   | 884,034,513,121   | 301,009,168,145 | 21,202,560,879  | 463,745,686,768   | 420,288,826,353   |
|      | 2023  | 295,585,067,424   | 910,632,554,632   | 317,372,557,142 | 21,146,118,023  | 480,998,928,025   | 429,633,626,607   |
| MMLP | 2021  | 972,869,480       | 7,107,303,861     | 1,844,511,939   | 362,170,803     | 6,157,354,007     | 949,949,854       |
|      | 2022  | 1,365,975,963     | 7,635,870,085     | 1,951,881,178   | 194,459,968     | 6,183,751,215     | 1,452,118,870     |
|      | 2023  | 42,415,283        | 6,711,972,112     | 2,041,737,011   | 114,205,173     | 4,548,971,753     | 2,163,000,359     |
| JRPT | 2021  | 89,755,035        | 11,748,147,834    | 7,034,947,128   | 797,817,044     | 8,153,793,184     | 3,594,354,650     |
|      | 2022  | 30,316,972        | 12,251,800,500    | 7,639,781,162   | 892,861,723     | 8,632,045,673     | 3,619,754,827     |
|      | 2023  | -463,001,674      | 13,206,898,387    | 8,373,611,911   | 1,041,176,195   | 9,270,835,010     | 3,936,063,377     |
| REAL | 2021  | 178,321,133,044   | 353,731,723,320   | 2,395,992,356   | 1,865,261,871   | 351,239,418,011   | 2,492,305,309     |

| Kode | Tahun | NWC             | TA              | RE            | EBIT        | TE              | TDR           |
|------|-------|-----------------|-----------------|---------------|-------------|-----------------|---------------|
|      | 2022  | 179,484,393,412 | 352,269,524,066 | 2,563,061,546 | 392,936,204 | 351,455,086,851 | 814,437,215   |
|      | 2023  | 174,064,519,313 | 352,934,080,004 | 2,740,832,119 | 401,969,335 | 351,686,792,745 | 1,247,287,259 |

Sumber : Pengolahan Data Sekunder (2021-2023)

Keterangan :

NWC : *Net Working Capital*

TDR : Total Debt

TA : Total Asset

RE : *Retained Earning*

TE : Total Ekuitas

TDR : Total Debt

EBIT : *Earning Before Interest and Taxes*



### Lampiran 05. Data Rasio Altman Z-Score

| Kode | Tahun | A1           | A2           | A3           | A4           |
|------|-------|--------------|--------------|--------------|--------------|
| ASRI | 2021  | -0.027302844 | 0.314054108  | 0.007225297  | 0.769170903  |
|      | 2022  | -0.003656013 | 0.357560472  | 0.049605221  | 0.913036205  |
|      | 2023  | -0.03520653  | 0.387022292  | 0.030038574  | 1.027919128  |
| BSBK | 2021  | -0.129464879 | 0.21766616   | 0.3810925    | 1.014376735  |
|      | 2022  | 0.075856454  | 0.195166336  | 0.001675321  | 1.881332681  |
|      | 2023  | 0.059561032  | 0.213135394  | 0.015991516  | 2.084750805  |
| ASPI | 2021  | 0.950212146  | -0.046467012 | -0.006666403 | 2.291035662  |
|      | 2022  | 0.893989483  | -0.083131189 | -0.031917598 | 3.33499777   |
|      | 2023  | 0.877090562  | -0.101552299 | -0.025816221 | 2.868761353  |
| BAPA | 2021  | 0.125306409  | 0.499461161  | -0.014439235 | -18.46302157 |
|      | 2022  | 0.121554273  | 0.488468886  | -0.027199304 | 19.55427477  |
|      | 2023  | 0.109024934  | 0.467961893  | -0.018698845 | 13.88172555  |
| PLIN | 2021  | 0.060399042  | 0.806080775  | 0.042068792  | 9.19529165   |
|      | 2022  | 0.056937025  | 0.800167549  | 0.046837008  | 8.338751147  |
|      | 2023  | 0.031846461  | 0.795747558  | 0.052817487  | 8.046686657  |
| GPRA | 2021  | 0.519702229  | 0.295534876  | 0.029040926  | 1.689348875  |
|      | 2022  | 0.525407585  | 0.330910945  | 0.043445426  | 1.954854399  |
|      | 2023  | 0.566526436  | 0.344051692  | 0.050213192  | 1.849263899  |
| BKDP | 2021  | -0.033479928 | -0.503488896 | -0.04648821  | 1.363238111  |
|      | 2022  | -0.082488985 | -0.558856102 | -0.043525174 | 1.203906731  |
|      | 2023  | -0.13179041  | -0.603194829 | -0.045089129 | 1.014817467  |
| TRIN | 2021  | 0.074795371  | 0.015739303  | -0.026907677 | 0.540841161  |
|      | 2022  | 0.020564736  | 0.014284044  | 0.016801021  | 0.447464923  |
|      | 2023  | 0.11722194   | -0.02737885  | -0.065293886 | 0.391732298  |
| DADA | 2021  | 0.494861976  | 0.069380188  | 0.011095989  | 1.192342093  |
|      | 2022  | 0.420228891  | 0.068231495  | 0.002483829  | 1.090745708  |
|      | 2023  | -0.148870485 | 0.071601624  | 0.002843964  | 1.18280452   |
| BAPI | 2021  | 0.886367476  | 0.01854754   | -0.001371275 | 1.922287576  |
|      | 2022  | 0.868764886  | -0.018331609 | 0.00026836   | 1.816143194  |
|      | 2023  | 0.867684145  | -0.020041513 | -0.001884624 | 1.731599539  |
| AMAN | 2021  | 0.332705499  | 0.180136546  | 0.03357348   | 2.553031425  |
|      | 2022  | 0.397480868  | 0.195847782  | 0.040329178  | 2.078475202  |
|      | 2023  | 0.305659786  | 0.21427919   | 0.062227275  | 1.887571538  |
| TRUE | 2021  | 0.417788963  | 0.059691668  | 0.035724485  | 0.638333312  |
|      | 2022  | 0.442143891  | 0.046268681  | -0.021442271 | 0.721946645  |
|      | 2023  | 0.412493747  | 0.021798136  | -0.024912055 | 0.685409195  |
| OMRE | 2021  | -0.071223236 | 0.619008646  | -0.041326475 | 4.720425011  |
|      | 2022  | -0.097439499 | 0.580294281  | -0.05903595  | 3.820616751  |
|      | 2023  | -0.052835579 | 0.536258743  | -0.040506762 | 8.758981543  |
| HOMI | 2021  | -0.000816751 | 0.001704044  | 0.026094549  | 0.82175539   |
|      | 2022  | 0.063383052  | 0.027238214  | 0.033469787  | 0.917102069  |
|      | 2023  | 0.134110526  | 0.050674247  | 0.02646926   | 1.439384581  |
| FMII | 2021  | 0.062439732  | 0.410155     | 0.011416177  | 2.724435568  |
|      | 2022  | -0.649373195 | 0.496412376  | 0.024734813  | 6.463873577  |
|      | 2023  | -0.114582245 | 0.026960283  | 0.023558931  | 5.922286028  |
| NIRO | 2021  | 0.151360272  | -0.019661161 | -0.007989669 | 1.221011678  |

| Kode | Tahun | A1           | A2           | A3           | A4           |
|------|-------|--------------|--------------|--------------|--------------|
|      | 2022  | 0.056888589  | -0.030815627 | -0.021112718 | 0.88993444   |
|      | 2023  | 0.072539134  | -0.034503808 | -0.014427829 | 0.746577029  |
| IPAC | 2021  | 0.695521564  | -0.16766385  | 0.15214307   | 3.593983185  |
|      | 2022  | 0.743675017  | -0.02070069  | 0.156767961  | 3.573949805  |
|      | 2023  | 0.69603861   | 0.048288748  | 0.088618148  | 3.534937542  |
| LPCK | 2021  | 0.466357189  | 0.110250142  | 0.023594737  | 2.348939412  |
|      | 2022  | 0.477314088  | 0.140135747  | 0.038860753  | 2.522251758  |
|      | 2023  | 0.515224818  | 0.151210244  | 0.017465483  | 2.349615399  |
| SMRA | 2021  | 0.232700023  | 0.214381477  | 0.02901823   | 0.757800741  |
|      | 2022  | 0.168439819  | 0.215074104  | 0.03579769   | 0.704289645  |
|      | 2023  | 0.121164946  | 0.21614579   | 0.043165689  | 0.652152537  |
| SATU | 2021  | 0.355603199  | -0.199343054 | -0.069547981 | 0.363279318  |
|      | 2022  | 0.273893402  | -0.250745967 | -0.033932275 | 0.345552802  |
|      | 2023  | 0.219322556  | -0.275884428 | -0.016472046 | 0.330759453  |
| BIKA | 2021  | 0.145375055  | -0.074933151 | 0.063684293  | -0.047488964 |
|      | 2022  | 0.08946134   | -0.122900096 | -0.061200408 | -0.101613009 |
|      | 2023  | 0.126223062  | -0.128758491 | -0.015085281 | -0.113129237 |
| ATAP | 2021  | 0.733396646  | 0.170378016  | 0.078751647  | 5.558352653  |
|      | 2022  | 0.698425471  | 0.133185463  | 0.011496145  | 2.152702478  |
|      | 2023  | 0.716712275  | 0.148470196  | 0.009879075  | 2.328403408  |
| POLI | 2021  | 0.054959093  | 0.046129342  | 0.013374148  | 2.443158096  |
|      | 2022  | 0.047155999  | 0.095247457  | 0.063441553  | 2.781634479  |
|      | 2023  | 0.114733251  | 0.104383095  | 0.029583716  | 1.607500906  |
| PANI | 2021  | -0.561715096 | 0.038933956  | 0.000179652  | 0.036984888  |
|      | 2022  | 0.08574284   | 0.008742988  | 0.018151897  | 0.861917857  |
|      | 2023  | 0.262613806  | 0.012151358  | 0.004746489  | 1.305414387  |
| RDTX | 2021  | 0.100301045  | 0.870735493  | 0.062125401  | 11.32715335  |
|      | 2022  | 0.127853837  | 0.833265271  | 0.080330123  | 7.166355878  |
|      | 2023  | 0.121806875  | 0.793817936  | 0.088291507  | 5.197280429  |
| PUDP | 2021  | 0.4198298    | 0.332563343  | -0.029703689 | 1.582073572  |
|      | 2022  | 0.493667413  | 0.679427706  | 0.445488275  | 8.287903717  |
|      | 2023  | 0.4419434    | 0.702569106  | 0.000247924  | 32.85359977  |
| LPKR | 2021  | 0.417982791  | -0.15907721  | -0.013766381 | 0.759792683  |
|      | 2022  | 0.397388902  | -0.220062695 | -0.035273719 | 0.62282019   |
|      | 2023  | 0.401298716  | -0.220382538 | 0.028403946  | 0.654324318  |
| MKPI | 2021  | -0.003470061 | 0.730166397  | 0.051609197  | 2.70458123   |
|      | 2022  | 0.023883002  | 0.787962958  | 0.104822079  | 3.724459982  |
|      | 2023  | 0.069827403  | 0.816340875  | 0.124279394  | 4.456417985  |
| MPRO | 2021  | -0.185179544 | -0.024373446 | -0.006988323 | 3.324022091  |
|      | 2022  | -0.20749645  | -0.041812648 | -0.016734463 | 3.31669315   |
|      | 2023  | -0.240231723 | -0.064957079 | -0.022758115 | 3.036688179  |
| SAGE | 2021  | -0.347336112 | -0.071973797 | 0.021902885  | 0.705892929  |
|      | 2022  | -0.326401153 | -0.031161269 | 0.048842721  | 0.900385915  |
|      | 2023  | 0.194288593  | -0.011439501 | 0.016800257  | 9.188839031  |
| RBMS | 2021  | 0.079061506  | -0.12154697  | -0.02869061  | 2.58727609   |
|      | 2022  | 0.058754124  | -0.185240917 | -0.050605684 | 2.589519375  |
|      | 2023  | 0.127953707  | -0.215054302 | -0.026355384 | 2.329971988  |

| Kode | Tahun | A1           | A2           | A3           | A4           |
|------|-------|--------------|--------------|--------------|--------------|
| POLL | 2021  | -0.112575498 | -0.048802573 | -0.01891707  | 0.243039573  |
|      | 2022  | -0.080019825 | 0.010550978  | 0.098828924  | 0.539621835  |
|      | 2023  | 0.030081782  | 0.015641229  | 0.004350804  | 0.909840583  |
| BIPP | 2021  | 0.145249866  | -0.252820249 | 0.008447362  | 1.171185077  |
|      | 2022  | 0.172362699  | -0.273899773 | 0.011911425  | 1.34173241   |
|      | 2023  | 0.129716983  | -0.288836104 | -0.002188161 | 1.181110159  |
| ADCP | 2021  | 0.019434357  | 0.012084287  | 0.021804773  | 0.541499831  |
|      | 2022  | -0.022373003 | 0.019794728  | 0.016614374  | 0.636287922  |
|      | 2023  | 0.128862852  | 0.036317736  | 0.017646379  | 0.63252648   |
| MDLN | 2021  | -0.005073418 | 0.134464542  | -0.000604828 | 0.404048234  |
|      | 2022  | -0.044299447 | 0.146351272  | 0.003997754  | 0.454229709  |
|      | 2023  | -0.028812458 | 0.137264747  | -0.005577957 | 0.430085539  |
| MTSM | 2021  | 0.289628644  | -0.262552311 | 0.000433703  | 1.568197346  |
|      | 2022  | 0.392957413  | -0.400212959 | -0.08782784  | 1.417512839  |
|      | 2023  | 0.32992295   | -0.577182518 | -0.102093601 | 1.120033638  |
| APLN | 2021  | 0.156851467  | 0.138751814  | -0.010193478 | 0.552650273  |
|      | 2022  | 0.193300501  | 0.213276923  | 0.090214338  | 0.772194122  |
|      | 2023  | 0.090813731  | 0.253596206  | 0.048180409  | 0.904226368  |
| TARA | 2021  | 0.012186439  | 0.025660467  | 0.020848426  | 47.13888472  |
|      | 2022  | 0.008904308  | 0.022440112  | -0.002779337 | 51.42073301  |
|      | 2023  | 0.006131709  | 0.019998692  | -0.002351378 | 49.77408382  |
| ROCK | 2021  | -0.001296176 | -0.147126419 | 0.002518806  | 2.679844301  |
|      | 2022  | 0.021900447  | -0.143112285 | 0.014808926  | 2.868816092  |
|      | 2023  | -0.013426525 | -0.139435071 | 0.022947247  | 4.22509024   |
| DMAS | 2021  | 0.403173288  | 0.022512044  | 0.119546145  | 7.015462389  |
|      | 2022  | 0.454308607  | 0.076839827  | 0.187038302  | 6.36945944   |
|      | 2023  | 0.537937306  | 0.098615349  | 0.18502733   | 7.016218566  |
| UANG | 2021  | -0.066880612 | -0.086443378 | -0.07577073  | 0.041046714  |
|      | 2022  | -0.472756015 | -0.098419858 | -0.039629536 | -0.013029077 |
|      | 2023  | -0.147498362 | 0.078831959  | 0.17928146   | 0.198911215  |
| PURI | 2021  | 0.577025968  | 0.129189221  | 0.040368591  | 1.301371424  |
|      | 2022  | 0.415763826  | 0.090158194  | 0.002279101  | 0.661474614  |
|      | 2023  | 0.328083594  | 0.089509474  | 0.003357229  | 0.591387519  |
| EMDE | 2021  | 0.130682464  | 0.328269184  | 0.284625844  | 0.833437011  |
|      | 2022  | 0.108823078  | 0.308639182  | -0.018265392 | 0.768005598  |
|      | 2023  | 0.108652948  | 0.252424543  | -0.078695721 | 0.628308577  |
| KIJA | 2021  | 0.595403975  | 0.158044209  | 0.008162194  | 1.076338566  |
|      | 2022  | 0.540991484  | 0.143294642  | 0.003729254  | 0.984904315  |
|      | 2023  | 0.572525675  | 0.168700181  | 0.043816122  | 1.152145997  |
| CSIS | 2021  | 0.402509015  | -0.026117848 | 0.041191343  | 1.199944593  |
|      | 2022  | 0.375164235  | -0.002991633 | 0.048827796  | 1.314234941  |
|      | 2023  | 0.390979837  | -0.000619316 | 0.01044799   | 1.358328928  |
| DILD | 2021  | 0.010909521  | 0.067169284  | 0.003208515  | 0.580773333  |
|      | 2022  | 0.016408693  | 0.061287285  | 0.015849108  | 0.613213607  |
|      | 2023  | 0.03985599   | 0.080424987  | 0.058470342  | 0.810837324  |
| INPP | 2021  | 0.122378018  | 0.238740273  | -0.0075596   | 1.739744408  |
|      | 2022  | 0.154335786  | 0.236493111  | 0.006481815  | 1.676403409  |

| Kode | Tahun | A1           | A2           | A3           | A4           |
|------|-------|--------------|--------------|--------------|--------------|
|      | 2023  | 0.103133894  | 0.243182813  | 0.017998658  | 1.734994367  |
| POSA | 2021  | -0.724257209 | -1.02347562  | -0.155219966 | -0.017943884 |
|      | 2022  | -0.926442053 | -1.215725062 | -0.140518523 | -0.137387367 |
|      | 2023  | -1.241733825 | -1.521732554 | -0.186020019 | -0.266586804 |
| GMTD | 2021  | 0.18932368   | 0.465618341  | -0.025203783 | 1.079887692  |
|      | 2022  | 0.112731725  | 0.438387483  | 0.008086758  | 0.952788578  |
|      | 2023  | 0.221034406  | 0.53050132   | 0.107473273  | 1.371579422  |
| PAMG | 2021  | 0.004064153  | 0.384599534  | -0.017886318 | 2.703911474  |
|      | 2022  | -0.005638486 | 0.379767937  | -0.005358097 | 2.646569582  |
|      | 2023  | -0.010606008 | 0.380579341  | 0.000811236  | 2.654937955  |
| DART | 2021  | -0.16628869  | 0.070095083  | -0.061892452 | 0.610446678  |
|      | 2022  | -0.132077017 | 0.006461949  | -0.062730339 | 0.475385291  |
|      | 2023  | -0.110729523 | -0.047812638 | -0.049399567 | 0.379720801  |
| VAST | 2021  | -0.087231395 | 0.481563558  | 0.460962862  | 2.726779558  |
|      | 2022  | -0.156436833 | 0.255950713  | 0.060053734  | 2.547354817  |
|      | 2023  | -0.085316331 | 0.325213234  | 0.189513631  | 2.327418007  |
| CITY | 2021  | 0.429010928  | 0.307097535  | 0.001515926  | 11.35602538  |
|      | 2022  | 0.42083003   | 0.291713132  | -0.022297663 | 10.77274369  |
|      | 2023  | 0.402633082  | 0.283220075  | 0.002621845  | 7.449064754  |
| BBSS | 2021  | 0.379495726  | 0.004174928  | -0.003637905 | 64.71408624  |
|      | 2022  | 0.36926502   | -0.002948868 | -0.006954326 | 53.50907019  |
|      | 2023  | 0.340440175  | -0.007781483 | -0.004650372 | 59.84216087  |
| BSDE | 2021  | 0.283552075  | 0.363987478  | 0.025166971  | 1.403414288  |
|      | 2022  | 0.280830606  | 0.381329006  | 0.040949478  | 1.411496706  |
|      | 2023  | 0.26152505   | 0.399865602  | 0.033964045  | 1.607800127  |
| DUTI | 2021  | 0.359178848  | 0.504690392  | 0.047771012  | 2.521369852  |
|      | 2022  | 0.308641897  | 0.498539456  | 0.054429966  | 2.344718099  |
|      | 2023  | 0.317544228  | 0.583726244  | 0.085086658  | 3.122345562  |
| PWON | 2021  | 0.292178886  | 0.499610958  | 0.054189761  | 1.979680621  |
|      | 2022  | 0.31435558   | 0.515224964  | 0.060128275  | 2.096163238  |
|      | 2023  | 0.321706891  | 0.536770332  | 0.073426164  | 2.298970632  |
| NASA | 2021  | 0.173234999  | -0.02288845  | -0.004350783 | 17.30152174  |
|      | 2022  | 0.161325976  | -0.023223546 | -0.000247253 | 18.50541649  |
|      | 2023  | 0.072180631  | 0.01766787   | 0.005631568  | 22.51463052  |
| BEST | 2021  | 0.344038391  | 0.480419559  | -0.010742637 | 2.450414022  |
|      | 2022  | 0.379568721  | 0.483566727  | 0.00780024   | 2.473480589  |
|      | 2023  | 0.368221928  | 0.501421801  | 0.008859191  | 2.777955658  |
| ELTY | 2021  | 0.006556773  | 0.002907748  | -0.002303949 | 2.305781295  |
|      | 2022  | 0.055546707  | -0.021251311 | -0.079186185 | 2.710665695  |
|      | 2023  | 0.049603585  | -0.149306411 | -0.012932436 | 2.444862206  |
| BKSL | 2021  | 0.180850663  | 0.04450282   | 0.01383218   | 1.699813889  |
|      | 2022  | 0.135468252  | 0.034761845  | -0.009917893 | 1.613367368  |
|      | 2023  | 0.025819732  | 0.04596641   | 0.01603565   | 3.190421091  |
| RISE | 2021  | 0.432192599  | 0.122881564  | 0.017873203  | 5.95082392   |
|      | 2022  | 0.436233381  | 0.133801086  | 0.016501756  | 5.603031154  |
|      | 2023  | 0.276185565  | 0.116528975  | 0.006756394  | 3.155143787  |
| LAND | 2021  | 0.044921562  | -0.036927141 | -0.014285824 | 1.655006568  |

| Kode | Tahun | A1           | A2           | A3           | A4          |
|------|-------|--------------|--------------|--------------|-------------|
|      | 2022  | -0.011824025 | -0.049151735 | -0.009460436 | 1.756441755 |
|      | 2023  | -0.039198274 | 0.064733004  | -0.015120068 | 1.612935554 |
|      | 2021  | 0.658317602  | 0.515032551  | 0.009120243  | 5.078472117 |
| INDO | 2022  | 0.647618749  | 0.547960185  | 0.033385217  | 4.375359334 |
|      | 2023  | 0.527038049  | 0.547303567  | 0.013072684  | 2.186607497 |
|      | 2021  | 0.311271247  | 0.048283904  | 0.067179308  | 2.199376652 |
| MTLA | 2022  | 0.3516624    | 0.508176122  | 0.070759862  | 2.399867153 |
|      | 2023  | -0.15772149  | 0.520693184  | 0.078451831  | 2.485624181 |
|      | 2021  | 0.268940262  | 0.086320286  | 0.006979011  | 4.185667078 |
| NZIA | 2022  | 0.312970379  | 0.08949768   | 0.004311547  | 5.530229205 |
|      | 2023  | 0.338580741  | 0.074099744  | -0.013596417 | 4.843751528 |
|      | 2021  | 0.171046893  | 0.338042355  | 0.416618363  | 2.032047934 |
| WINR | 2022  | 0.446851051  | 0.223542003  | 0.013767021  | 3.594143701 |
|      | 2023  | 0.362986685  | 0.260459163  | 0.069922537  | 3.737491444 |
|      | 2021  | 0.453069326  | 0.149173347  | 0.003882696  | 4.938914829 |
| KBAG | 2022  | 0.520908565  | 0.173568796  | 0.021146482  | 7.304692197 |
|      | 2023  | 0.526618173  | 0.159018859  | -0.022090006 | 8.604481178 |
|      | 2021  | 0.310788544  | 0.198561419  | 0.008177779  | 1.569961477 |
| RODA | 2022  | 0.293583287  | 0.193598813  | -0.005102192 | 1.66945172  |
|      | 2023  | 0.3409695    | 0.19102207   | -0.008025405 | 1.781768732 |
|      | 2021  | 0.27798479   | 0.321782964  | 0.003982792  | 1.014358715 |
| BCIP | 2022  | 0.321723027  | 0.340494815  | 0.023983861  | 1.103397611 |
|      | 2023  | 0.324593126  | 0.348518791  | 0.023221351  | 1.119556055 |
|      | 2021  | 0.136883057  | 0.259523439  | 0.050957552  | 6.481767412 |
| MMLP | 2022  | 0.178889367  | 0.255620009  | 0.025466642  | 4.258433206 |
|      | 2023  | 0.006319347  | 0.30419331   | 0.017015144  | 2.103084141 |
|      | 2021  | 0.007639931  | 0.598813296  | 0.067910028  | 2.268499906 |
| JRPT | 2022  | 0.002474491  | 0.623563954  | 0.07287596   | 2.384704513 |
|      | 2023  | -0.035057563 | 0.63403319   | 0.078835784  | 2.355357148 |
|      | 2021  | 0.504114054  | 0.006773473  | 0.005273098  | 1.409295309 |
| REAL | 2022  | 0.509508717  | 0.007275854  | 0.001115442  | 4.315312223 |
|      | 2023  | 0.493192721  | 0.007765847  | 0.001138936  | 2.819613447 |

Sumber : Pengolahan Data Sekunder (2021-2023)

Keterangan :

A1 : *Working Capital To Total Asset*

A2 : *Retained Earning To Total Asset*

A3 : *Earning Before Interest and Taxes To Total Asset*

A4 : *Makes Value of Equity to Book Value of Debt*

### Lampiran 06 Hasil Perhitungan Metode Altman Z-Score

| Kode | Tahun | 6,56A <sub>1</sub> | 3,26A <sub>2</sub> | 6,72A <sub>3</sub> | 1,05A <sub>4</sub> | Hasil Perhitungan | Kondisi Perusahaan |
|------|-------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| ASRI | 2021  | -0.179106655       | 1.023816391        | 0.048553997        | 0.807629449        | 1.700893182       | Grey Area          |
|      | 2022  | -0.023983447       | 1.165647137        | 0.333347084        | 0.958688016        | 2.433698789       | Grey Area          |
|      | 2023  | -0.230954836       | 1.261692673        | 0.20185922         | 1.079315084        | 2.311912141       | Grey Area          |
| BSBK | 2021  | -0.849289608       | 0.709591682        | 2.560941599        | 1.065095572        | 3.486339245       | Sehat              |
|      | 2022  | 0.497618338        | 0.636242256        | 0.011258157        | 1.975399315        | 3.120518067       | Sehat              |
|      | 2023  | 0.39072037         | 0.694821383        | 0.10746299         | 2.188988346        | 3.381993088       | Sehat              |
| ASPI | 2021  | 6.233391676        | -0.151482458       | -0.044798228       | 2.405587445        | 8.442698435       | Sehat              |
|      | 2022  | 5.864571012        | -0.271007678       | -0.214486258       | 3.501747659        | 8.880824735       | Sehat              |
|      | 2023  | 5.753714084        | -0.331060496       | -0.173485007       | 3.012199421        | 8.261368001       | Sehat              |
| BAPA | 2021  | 0.822010045        | 1.628243386        | -0.097031662       | -19.38617264       | -17.03295087      | Bangkrut           |
|      | 2022  | 0.797396032        | 1.592408567        | -0.18277932        | 20.53198851        | 22.73901379       | Sehat              |
|      | 2023  | 0.715203568        | 1.52555577         | -0.125656239       | 14.57581183        | 16.69091493       | Sehat              |
| PLIN | 2021  | 0.396217717        | 2.627823325        | 0.282702281        | 9.655056232        | 12.96179956       | Sehat              |
|      | 2022  | 0.373506883        | 2.608546209        | 0.314744695        | 8.755688705        | 12.05248649       | Sehat              |
|      | 2023  | 0.208912786        | 2.594137038        | 0.354933511        | 8.44902099         | 11.60700432       | Sehat              |
| GPRA | 2021  | 3.409246624        | 0.963443696        | 0.19515502         | 1.773816319        | 6.34166166        | Sehat              |
|      | 2022  | 3.446673757        | 1.078769682        | 0.29195326         | 2.052597119        | 6.869993819       | Sehat              |
|      | 2023  | 3.716413419        | 1.121608516        | 0.337432652        | 1.941727094        | 7.117181682       | Sehat              |
| BKDP | 2021  | -0.21962833        | -1.641373802       | -0.312400772       | 1.431400017        | -0.742002887      | Bangkrut           |
|      | 2022  | -0.541127739       | -1.821870891       | -0.292489167       | 1.264102068        | -1.39138573       | Bangkrut           |
|      | 2023  | -0.864545088       | -1.966415142       | -0.302998947       | 1.065558341        | -2.068400837      | Bangkrut           |

| Kode | Tahun | 6,56A <sub>1</sub> | 3,26A <sub>2</sub> | 6,72A <sub>3</sub> | 1,05A <sub>4</sub> | Hasil Perhitungan | Kondisi Perusahaan |
|------|-------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| TRIN | 2021  | 0.490657633        | 0.051310127        | -0.180819588       | 0.567883219        | 0.929031391       | Bangkrut           |
|      | 2022  | 0.13490467         | 0.046565985        | 0.112902862        | 0.469838169        | 0.764211686       | Bangkrut           |
|      | 2023  | 0.768975925        | -0.089255052       | -0.438774915       | 0.411318913        | 0.652264872       | Bangkrut           |
| DADA | 2021  | 3.246294561        | 0.226179413        | 0.074565044        | 1.251959197        | 4.798998216       | Sehat              |
|      | 2022  | 2.756701524        | 0.222434674        | 0.016691333        | 1.145282994        | 4.141110524       | Sehat              |
|      | 2023  | -0.976590382       | 0.233421294        | 0.019111435        | 1.241944746        | 0.517887093       | Bangkrut           |
| BAPI | 2021  | 5.81457064         | 0.060464981        | -0.009214968       | 2.018401955        | 7.884222608       | Sehat              |
|      | 2022  | 5.699097654        | -0.059761046       | 0.001803381        | 1.906950354        | 7.548090343       | Sehat              |
|      | 2023  | 5.692007991        | -0.065335333       | -0.012664674       | 1.818179516        | 7.4321875         | Sehat              |
| AMAN | 2021  | 2.182548077        | 0.58724514         | 0.225613788        | 2.680682996        | 5.67609           | Sehat              |
|      | 2022  | 2.607474496        | 0.63846377         | 0.271012075        | 2.182398963        | 5.699349303       | Sehat              |
|      | 2023  | 2.005128197        | 0.698550159        | 0.41816729         | 1.981950115        | 5.10379576        | Sehat              |
| TRUE | 2021  | 2.740695596        | 0.194594839        | 0.240068536        | 0.670249978        | 3.845608949       | Sehat              |
|      | 2022  | 2.900463928        | 0.1508359          | -0.144092062       | 0.758043977        | 3.665251743       | Sehat              |
|      | 2023  | 2.705958981        | 0.071061925        | -0.167409009       | 0.719679655        | 3.329291552       | Sehat              |
| OMRE | 2021  | -0.467224428       | 2.017968187        | -0.277713913       | 4.956446261        | 6.229476107       | Sehat              |
|      | 2022  | -0.639203111       | 1.891759355        | -0.396721584       | 4.011647589        | 4.867482248       | Sehat              |
|      | 2023  | -0.3466014         | 1.748203501        | -0.272205442       | 9.196930621        | 10.32632728       | Sehat              |
| HOMI | 2021  | -0.005357887       | 0.005555185        | 0.17535537         | 0.862843159        | 1.038395827       | Bangkrut           |
|      | 2022  | 0.415792818        | 0.088796577        | 0.224916967        | 0.962957172        | 1.692463534       | Grey Area          |
|      | 2023  | 0.879765054        | 0.165198045        | 0.177873424        | 1.51135381         | 2.734190333       | Sehat              |
| FMII | 2021  | 0.40960464         | 1.337105301        | 0.076716707        | 2.860657347        | 4.684083995       | Sehat              |
|      | 2022  | -4.259888161       | 1.618304346        | 0.166217946        | 6.787067256        | 4.311701387       | Sehat              |
|      | 2023  | -0.751659528       | 0.087890523        | 0.158316018        | 6.218400329        | 5.712947342       | Sehat              |
| NIRO | 2021  | 0.992923383        | -0.064095386       | -0.053690573       | 1.282062262        | 2.157199685       | Grey Area          |

| Kode | Tahun | 6,56A <sub>1</sub> | 3,26A <sub>2</sub> | 6,72A <sub>3</sub> | 1,05A <sub>4</sub> | Hasil Perhitungan | Kondisi Perusahaan |
|------|-------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
|      | 2022  | 0.373189144        | -0.100458944       | -0.141877465       | 0.934431162        | 1.065283897       | Bangkrut           |
|      | 2023  | 0.475856716        | -0.112482414       | -0.096955009       | 0.783905881        | 1.050325174       | Bangkrut           |
| IPAC | 2021  | 4.56262146         | -0.546584151       | 1.022401428        | 3.773682344        | 8.81212108        | Sehat              |
|      | 2022  | 4.878508115        | -0.06748425        | 1.053480697        | 3.752647296        | 9.617151857       | Sehat              |
|      | 2023  | 4.566013285        | 0.157421319        | 0.595513956        | 3.711684419        | 9.030632979       | Sehat              |
| LPCK | 2021  | 3.059303161        | 0.359415462        | 0.158556634        | 2.466386383        | 6.04366164        | Sehat              |
|      | 2022  | 3.131180416        | 0.456842535        | 0.261144259        | 2.648364346        | 6.497531556       | Sehat              |
|      | 2023  | 3.379874805        | 0.492945396        | 0.117368043        | 2.467096169        | 6.457284413       | Sehat              |
| SMRA | 2021  | 1.526512154        | 0.698883616        | 0.195002508        | 0.795690778        | 3.216089056       | Sehat              |
|      | 2022  | 1.104965214        | 0.701141578        | 0.240560474        | 0.739504128        | 2.786171393       | Sehat              |
|      | 2023  | 0.794842046        | 0.704635275        | 0.290073433        | 0.684760164        | 2.474310918       | Grey Area          |
| SATU | 2021  | 2.332756988        | -0.649858356       | -0.467362435       | 0.381443284        | 1.596979481       | Grey Area          |
|      | 2022  | 1.796740719        | -0.817431853       | -0.228024887       | 0.362830442        | 1.114114422       | Grey Area          |
|      | 2023  | 1.43875597         | -0.899383237       | -0.110692152       | 0.347297426        | 0.775978007       | Bangkrut           |
| BIKA | 2021  | 0.953660362        | -0.244282072       | 0.42795845         | -0.049863412       | 1.087473328       | Bangkrut           |
|      | 2022  | 0.586866393        | -0.400654313       | -0.41126674        | -0.106693659       | -0.331748319      | Bangkrut           |
|      | 2023  | 0.82802329         | -0.419752679       | -0.101373087       | -0.118785699       | 0.188111825       | Bangkrut           |
| ATAP | 2021  | 4.811081997        | 0.555432333        | 0.529211065        | 5.836270286        | 11.73199568       | Sehat              |
|      | 2022  | 4.581671089        | 0.43418461         | 0.077254096        | 2.260337602        | 7.353447398       | Sehat              |
|      | 2023  | 4.701632523        | 0.48401284         | 0.066387385        | 2.444823578        | 7.696856326       | Sehat              |
| POLI | 2021  | 0.360531651        | 0.150381655        | 0.089874271        | 2.565316001        | 3.166103578       | Sehat              |
|      | 2022  | 0.309343354        | 0.310506709        | 0.426327238        | 2.920716203        | 3.966893504       | Sehat              |
|      | 2023  | 0.752650126        | 0.340288888        | 0.19880257         | 1.687875951        | 2.979617535       | Sehat              |
| PANI | 2021  | -3.684851028       | 0.126924697        | 0.001207259        | 0.038834133        | -3.517884939      | Bangkrut           |
|      | 2022  | 0.562473028        | 0.02850214         | 0.121980749        | 0.90501375         | 1.617969667       | Grey Area          |

| Kode | Tahun | 6,56A <sub>1</sub> | 3,26A <sub>2</sub> | 6,72A <sub>3</sub> | 1,05A <sub>4</sub> | Hasil Perhitungan | Kondisi Perusahaan |
|------|-------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
|      | 2023  | 1.722746568        | 0.039613428        | 0.031896405        | 1.370685106        | 3.164941507       | Sehat              |
| RDTX | 2021  | 0.657974853        | 2.838597706        | 0.417482692        | 11.89351102        | 15.80756627       | Sehat              |
|      | 2022  | 0.838721174        | 2.716444784        | 0.539818429        | 7.524673672        | 11.61965806       | Sehat              |
|      | 2023  | 0.799053099        | 2.58784647         | 0.593318924        | 5.457144451        | 9.437362944       | Sehat              |
| PUDP | 2021  | 2.754083489        | 1.084156497        | -0.199608792       | 1.66117725         | 5.299808445       | Sehat              |
|      | 2022  | 3.238458228        | 2.214934321        | 2.993681206        | 8.702298903        | 17.14937266       | Sehat              |
|      | 2023  | 2.899148702        | 2.290375284        | 0.001666047        | 34.49627976        | 39.68746979       | Sehat              |
| LPKR | 2021  | 2.741967111        | -0.518591705       | -0.092510079       | 0.797782318        | 2.928647644       | Sehat              |
|      | 2022  | 2.606871197        | -0.717404386       | -0.237039391       | 0.6539612          | 2.30638862        | Grey Area          |
|      | 2023  | 2.632519574        | -0.718447074       | 0.190874516        | 0.687040533        | 2.79198755        | Sehat              |
| MKPI | 2021  | -0.022763603       | 2.380342453        | 0.346813806        | 2.839810291        | 5.544202948       | Sehat              |
|      | 2022  | 0.156672491        | 2.568759244        | 0.70440437         | 3.910682981        | 7.340519085       | Sehat              |
|      | 2023  | 0.458067766        | 2.661271253        | 0.835157525        | 4.679238884        | 8.633735429       | Sehat              |
| MPRO | 2021  | -1.21477781        | -0.079457434       | -0.046961528       | 3.490223195        | 2.149026424       | Grey Area          |
|      | 2022  | -1.361176714       | -0.136309233       | -0.112455591       | 3.482527807        | 1.872586269       | Grey Area          |
|      | 2023  | -1.575920105       | -0.211760079       | -0.15293453        | 3.188522588        | 1.247907875       | Grey Area          |
| SAGE | 2021  | -2.278524893       | -0.234634579       | 0.147187389        | 0.741187575        | -1.624784508      | Bangkrut           |
|      | 2022  | -2.141191563       | -0.101585737       | 0.328223086        | 0.94540521         | -0.969149004      | Bangkrut           |
|      | 2023  | 1.274533168        | -0.037292772       | 0.112897729        | 9.648280982        | 10.99841911       | Sehat              |
| RBMS | 2021  | 0.518643476        | -0.396243121       | -0.1928009         | 2.716639894        | 2.646239348       | Sehat              |
|      | 2022  | 0.385427053        | -0.60388539        | -0.340070198       | 2.718995344        | 2.160466809       | Grey Area          |
|      | 2023  | 0.839376316        | -0.701077026       | -0.177108184       | 2.446470588        | 2.407661694       | Grey Area          |
| POLL | 2021  | -0.738495267       | -0.159096389       | -0.127122711       | 0.255191552        | -0.769522814      | Bangkrut           |
|      | 2022  | -0.524930051       | 0.034396187        | 0.664130366        | 0.566602926        | 0.740199428       | Bangkrut           |
|      | 2023  | 0.197336493        | 0.050990406        | 0.029237404        | 0.955332613        | 1.232896916       | Grey Area          |

| Kode | Tahun | 6,56A <sub>1</sub> | 3,26A <sub>2</sub> | 6,72A <sub>3</sub> | 1,05A <sub>4</sub> | Hasil Perhitungan | Kondisi Perusahaan |
|------|-------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| BIPP | 2021  | 0.952839121        | -0.824194012       | 0.05676627         | 1.22974433         | 1.41515571        | Grey Area          |
|      | 2022  | 1.130699308        | -0.892913259       | 0.080044774        | 1.408819031        | 1.726649854       | Grey Area          |
|      | 2023  | 0.850943406        | -0.9416057         | -0.014704444       | 1.240165667        | 1.13479893        | Grey Area          |
| ADCP | 2021  | 0.127489383        | 0.039394776        | 0.146528075        | 0.568574822        | 0.881987055       | Bangkrut           |
|      | 2022  | -0.146766901       | 0.064530812        | 0.11164859         | 0.668102318        | 0.697514819       | Bangkrut           |
|      | 2023  | 0.845340308        | 0.118395819        | 0.118583667        | 0.664152804        | 1.746472598       | Grey Area          |
| MDLN | 2021  | -0.033281624       | 0.438354408        | -0.004064446       | 0.424250645        | 0.825258983       | Bangkrut           |
|      | 2022  | -0.290604374       | 0.477105147        | 0.026864908        | 0.476941194        | 0.690306875       | Bangkrut           |
|      | 2023  | -0.189009727       | 0.447483074        | -0.037483869       | 0.451589816        | 0.672579293       | Bangkrut           |
| MTSM | 2021  | 1.899963906        | -0.855920533       | 0.002914487        | 1.646607213        | 2.693565074       | Sehat              |
|      | 2022  | 2.577800629        | -1.304694248       | -0.590203083       | 1.488388481        | 2.17129178        | Grey Area          |
|      | 2023  | 2.164294555        | -1.88161501        | -0.686068996       | 1.17603532         | 0.772645869       | Bangkrut           |
| APLN | 2021  | 1.028945621        | 0.452330914        | -0.068500175       | 0.580282787        | 1.993059147       | Grey Area          |
|      | 2022  | 1.268051285        | 0.695282769        | 0.606240349        | 0.810803828        | 3.380378231       | Sehat              |
|      | 2023  | 0.595738076        | 0.826723632        | 0.323772346        | 0.949437686        | 2.695671741       | Sehat              |
| TARA | 2021  | 0.079943041        | 0.083653121        | 0.140101422        | 49.49582896        | 49.79952654       | Sehat              |
|      | 2022  | 0.058412258        | 0.073154765        | -0.018677144       | 53.99176966        | 54.10465954       | Sehat              |
|      | 2023  | 0.040224012        | 0.065195735        | -0.015801261       | 52.26278801        | 52.3524065        | Sehat              |
| ROCK | 2021  | -0.008502913       | -0.479632125       | 0.016926375        | 2.813836516        | 2.342627853       | Grey Area          |
|      | 2022  | 0.143666934        | -0.46654605        | 0.099515982        | 3.012256897        | 2.788893762       | Sehat              |
|      | 2023  | -0.088078003       | -0.454558333       | 0.154205501        | 4.436344752        | 4.047913916       | Sehat              |
| DMAS | 2021  | 2.644816771        | 0.073389263        | 0.803350093        | 7.366235508        | 10.88779164       | Sehat              |
|      | 2022  | 2.980264463        | 0.250497836        | 1.256897387        | 6.687932412        | 11.1755921        | Sehat              |
|      | 2023  | 3.528868729        | 0.321486037        | 1.243383659        | 7.367029494        | 12.46076792       | Sehat              |
| UANG | 2021  | -0.438736815       | -0.281805414       | -0.509179303       | 0.04309905         | -1.186622481      | Bangkrut           |

| Kode | Tahun | 6,56A <sub>1</sub> | 3,26A <sub>2</sub> | 6,72A <sub>3</sub> | 1,05A <sub>4</sub> | Hasil Perhitungan | Kondisi Perusahaan |
|------|-------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
|      | 2022  | -3.101279455       | -0.320848736       | -0.266310483       | -0.013680531       | -3.702119206      | Bangkrut           |
|      | 2023  | -0.967589254       | 0.256992185        | 1.204771411        | 0.208856776        | 0.703031119       | Bangkrut           |
| PURI | 2021  | 3.78529035         | 0.421156859        | 0.271276933        | 1.366439995        | 5.844164138       | Sehat              |
|      | 2022  | 2.7274107          | 0.293915714        | 0.015315561        | 0.694548345        | 3.73119032        | Sehat              |
|      | 2023  | 2.152228377        | 0.291800885        | 0.022560578        | 0.620956895        | 3.087546735       | Sehat              |
| EMDE | 2021  | 0.857276967        | 1.070157541        | 1.912685674        | 0.875108862        | 4.715229043       | Sehat              |
|      | 2022  | 0.713879394        | 1.006163732        | -0.122743433       | 0.806405878        | 2.403705571       | Grey Area          |
|      | 2023  | 0.712763341        | 0.822904009        | -0.528835247       | 0.659724005        | 1.666556108       | Grey Area          |
| KIJA | 2021  | 3.905850075        | 0.515224123        | 0.054849946        | 1.130155494        | 5.606079637       | Sehat              |
|      | 2022  | 3.548904138        | 0.467140533        | 0.025060587        | 1.034149531        | 5.075254789       | Sehat              |
|      | 2023  | 3.75576843         | 0.549962591        | 0.294444338        | 1.209753296        | 5.809928656       | Sehat              |
| CSIS | 2021  | 2.640459137        | -0.085144183       | 0.276805824        | 1.259941822        | 4.092062601       | Sehat              |
|      | 2022  | 2.46107738         | -0.009752722       | 0.328122789        | 1.379946688        | 4.159394134       | Sehat              |
|      | 2023  | 2.564827728        | -0.002018972       | 0.070210493        | 1.426245374        | 4.059264624       | Sehat              |
| DILD | 2021  | 0.071566461        | 0.218971866        | 0.021561221        | 0.609812           | 0.921911548       | Bangkrut           |
|      | 2022  | 0.107641027        | 0.199796548        | 0.106506006        | 0.643874287        | 1.057817867       | Bangkrut           |
|      | 2023  | 0.261455293        | 0.262185458        | 0.392920696        | 0.85137919         | 1.767940637       | Grey Area          |
| INPP | 2021  | 0.802799799        | 0.778293291        | -0.050800514       | 1.826731628        | 3.357024203       | Sehat              |
|      | 2022  | 1.012442755        | 0.770967542        | 0.043557796        | 1.760223579        | 3.587191672       | Sehat              |
|      | 2023  | 0.676558344        | 0.79277597         | 0.120950983        | 1.821744086        | 3.412029382       | Sehat              |
| POSA | 2021  | -4.751127289       | -3.33653052        | -1.043078172       | -0.018841078       | -9.149577059      | Bangkrut           |
|      | 2022  | -6.077459867       | -3.963263702       | -0.944284474       | -0.144256735       | -11.12926478      | Bangkrut           |
|      | 2023  | -8.145773894       | -4.960848126       | -1.250054526       | -0.279916145       | -14.63659269      | Bangkrut           |
| GMTD | 2021  | 1.241963342        | 1.517915792        | -0.169369424       | 1.133882076        | 3.724391787       | Sehat              |
|      | 2022  | 0.739520117        | 1.429143196        | 0.054343015        | 1.000428007        | 3.223434334       | Sehat              |

| Kode | Tahun | 6,56A <sub>1</sub> | 3,26A <sub>2</sub> | 6,72A <sub>3</sub> | 1,05A <sub>4</sub> | Hasil Perhitungan | Kondisi Perusahaan |
|------|-------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
|      | 2023  | 1.449985704        | 1.729434303        | 0.722220395        | 1.440158393        | 5.341798796       | Sehat              |
| PAMG | 2021  | 0.026660845        | 1.253794481        | -0.120196056       | 2.839107047        | 3.999366318       | Sehat              |
|      | 2022  | -0.036988467       | 1.238043474        | -0.036006415       | 2.778898061        | 3.943946653       | Sehat              |
|      | 2023  | -0.069575413       | 1.240688651        | 0.005451503        | 2.787684852        | 3.964249594       | Sehat              |
| DART | 2021  | -1.090853809       | 0.228509972        | -0.415917275       | 0.640969012        | -0.6372921        | Bangkrut           |
|      | 2022  | -0.866425235       | 0.021065955        | -0.421547877       | 0.499154556        | -0.7677526        | Bangkrut           |
|      | 2023  | -0.726385672       | -0.155869199       | -0.331965087       | 0.398706842        | -0.815513117      | Bangkrut           |
| VAST | 2021  | -0.572237954       | 1.569897199        | 3.097670432        | 2.863118536        | 6.958448213       | Sehat              |
|      | 2022  | -1.026225622       | 0.834399325        | 0.403561091        | 2.674722558        | 2.886457352       | Sehat              |
|      | 2023  | -0.559675128       | 1.060195142        | 1.273531598        | 2.443788907        | 4.217840519       | Sehat              |
| CITY | 2021  | 2.814311686        | 1.001137965        | 0.010187024        | 11.92382665        | 15.74946333       | Sehat              |
|      | 2022  | 2.760644994        | 0.95098481         | -0.149840294       | 11.31138088        | 14.87317039       | Sehat              |
|      | 2023  | 2.64127302         | 0.923297444        | 0.017618799        | 7.821517992        | 11.40370725       | Sehat              |
| BBSS | 2021  | 2.489491961        | 0.013610264        | -0.024446724       | 67.94979055        | 70.42844606       | Sehat              |
|      | 2022  | 2.42237853         | -0.00961331        | -0.046733068       | 56.1845237         | 58.55055586       | Sehat              |
|      | 2023  | 2.233287547        | -0.025367634       | -0.031250499       | 62.83426891        | 65.01093833       | Sehat              |
| BSDE | 2021  | 1.860101613        | 1.186599178        | 0.169122048        | 1.473585002        | 4.689407841       | Sehat              |
|      | 2022  | 1.842248777        | 1.243132558        | 0.275180493        | 1.482071541        | 4.84263337        | Sehat              |
|      | 2023  | 1.715604331        | 1.303561863        | 0.228238382        | 1.688190134        | 4.93559471        | Sehat              |
| DUTI | 2021  | 2.356213243        | 1.645290677        | 0.321021201        | 2.647438345        | 6.969963466       | Sehat              |
|      | 2022  | 2.024690842        | 1.625238626        | 0.365769374        | 2.461954004        | 6.477652846       | Sehat              |
|      | 2023  | 2.083090133        | 1.902947555        | 0.571782341        | 3.27846284         | 7.836282869       | Sehat              |
| PWON | 2021  | 1.916693494        | 1.628731722        | 0.364155195        | 2.078664652        | 5.988245064       | Sehat              |
|      | 2022  | 2.062172604        | 1.679633384        | 0.404062011        | 2.2009714          | 6.346839399       | Sehat              |
|      | 2023  | 2.110397204        | 1.749871281        | 0.49342382         | 2.413919163        | 6.767611469       | Sehat              |

| Kode | Tahun | 6,56A <sub>1</sub> | 3,26A <sub>2</sub> | 6,72A <sub>3</sub> | 1,05A <sub>4</sub> | Hasil Perhitungan | Kondisi Perusahaan |
|------|-------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| NASA | 2021  | 1.136421595        | -0.074616346       | -0.029237261       | 18.16659783        | 19.19916582       | Sehat              |
|      | 2022  | 1.0582984          | -0.07570876        | -0.001661539       | 19.43068732        | 20.41161542       | Sehat              |
|      | 2023  | 0.473504938        | 0.057597256        | 0.037844134        | 23.64036205        | 24.20930837       | Sehat              |
| BEST | 2021  | 2.256891846        | 1.566167761        | -0.072190521       | 2.572934723        | 6.323803809       | Sehat              |
|      | 2022  | 2.489970812        | 1.576427531        | 0.052417613        | 2.597154618        | 6.715970575       | Sehat              |
|      | 2023  | 2.415535849        | 1.634635071        | 0.059533766        | 2.916853441        | 7.026558127       | Sehat              |
| ELTY | 2021  | 0.043012433        | 0.00947926         | -0.01548254        | 2.42107036         | 2.458079513       | Grey Area          |
|      | 2022  | 0.364386396        | -0.069279274       | -0.532131164       | 2.84619898         | 2.609174938       | Grey Area          |
|      | 2023  | 0.325399518        | -0.486738901       | -0.08690597        | 2.567105317        | 2.318859964       | Grey Area          |
| BKSL | 2021  | 1.186380346        | 0.145079193        | 0.092952249        | 1.784804584        | 3.209216371       | Sehat              |
|      | 2022  | 0.888671731        | 0.113323613        | -0.066648242       | 1.694035736        | 2.629382838       | Sehat              |
|      | 2023  | 0.169377441        | 0.149850495        | 0.107759569        | 3.349942146        | 3.77692965        | Sehat              |
| RISE | 2021  | 2.835183448        | 0.400593899        | 0.120107922        | 6.248365116        | 9.604250385       | Sehat              |
|      | 2022  | 2.861690982        | 0.43619154         | 0.110891801        | 5.883182712        | 9.291957036       | Sehat              |
|      | 2023  | 1.811777308        | 0.379884459        | 0.045402964        | 3.312900976        | 5.549965707       | Sehat              |
| LAND | 2021  | 0.294685444        | -0.120382481       | -0.096000739       | 1.737756896        | 1.81605912        | Grey Area          |
|      | 2022  | -0.077565605       | -0.160234657       | -0.063574128       | 1.844263843        | 1.542889453       | Grey Area          |
|      | 2023  | -0.257140679       | 0.211029594        | -0.101606854       | 1.693582332        | 1.545864392       | Grey Area          |
| INDO | 2021  | 4.318563471        | 1.679006117        | 0.061288033        | 5.332395723        | 11.39125334       | Sehat              |
|      | 2022  | 4.248378994        | 1.786350202        | 0.224348657        | 4.5941273          | 10.85320515       | Sehat              |
|      | 2023  | 3.457369601        | 1.78420963         | 0.087848437        | 2.295937872        | 7.62536554        | Sehat              |
| MTLA | 2021  | 2.041939382        | 0.157405527        | 0.451444951        | 2.309345484        | 4.960135344       | Sehat              |
|      | 2022  | 2.306905342        | 1.656654158        | 0.475506272        | 2.51986051         | 6.958926282       | Sehat              |
|      | 2023  | -1.034652976       | 1.697459779        | 0.527196305        | 2.609905391        | 3.799908499       | Sehat              |
| NZIA | 2021  | 1.764248121        | 0.281404131        | 0.046898957        | 4.394950431        | 6.48750164        | Sehat              |

| Kode | Tahun | 6,56A <sub>1</sub> | 3,26A <sub>2</sub> | 6,72A <sub>3</sub> | 1,05A <sub>4</sub> | Hasil Perhitungan | Kondisi Perusahaan |
|------|-------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
|      | 2022  | 2.053085687        | 0.291762437        | 0.028973597        | 5.806740665        | 8.180562387       | Sehat              |
|      | 2023  | 2.221089659        | 0.241565166        | -0.091367922       | 5.085939104        | 7.457226008       | Sehat              |
| WINR | 2021  | 1.122067617        | 1.102018076        | 2.7996754          | 2.133650331        | 7.157411424       | Sehat              |
|      | 2022  | 2.931342895        | 0.728746929        | 0.092514384        | 3.773850887        | 7.526455095       | Sehat              |
|      | 2023  | 2.381192651        | 0.849096871        | 0.469879452        | 3.924366016        | 7.62453499        | Sehat              |
| KBAG | 2021  | 2.972134781        | 0.48630511         | 0.026091716        | 5.185860571        | 8.670392178       | Sehat              |
|      | 2022  | 3.417160188        | 0.565834274        | 0.142104356        | 7.669926806        | 11.79502562       | Sehat              |
|      | 2023  | 3.454615216        | 0.518401482        | -0.148444841       | 9.034705237        | 12.85927709       | Sehat              |
| RODA | 2021  | 2.038772848        | 0.647310226        | 0.054954672        | 1.64845955         | 4.389497296       | Sehat              |
|      | 2022  | 1.925906362        | 0.631132129        | -0.034286732       | 1.752924306        | 4.275676066       | Sehat              |
|      | 2023  | 2.23675992         | 0.622731947        | -0.053930723       | 1.870857169        | 4.676418313       | Sehat              |
| BCIP | 2021  | 1.823580223        | 1.049012462        | 0.026764365        | 1.065076651        | 3.964433702       | Sehat              |
|      | 2022  | 2.110503054        | 1.110013097        | 0.161171546        | 1.158567491        | 4.540255188       | Sehat              |
|      | 2023  | 2.129330906        | 1.136171259        | 0.156047478        | 1.175533858        | 4.5970835         | Sehat              |
| MMLP | 2021  | 0.897952854        | 0.846046411        | 0.342434747        | 6.805855783        | 8.892289795       | Sehat              |
|      | 2022  | 1.173514245        | 0.833321229        | 0.171135833        | 4.471354866        | 6.649326172       | Sehat              |
|      | 2023  | 0.041454918        | 0.991670189        | 0.114341769        | 2.208238349        | 3.355705225       | Sehat              |
| JRPT | 2021  | 0.050117945        | 1.952131345        | 0.456355386        | 2.381924901        | 4.840529577       | Sehat              |
|      | 2022  | 0.016232662        | 2.03281849         | 0.489726451        | 2.503939739        | 5.042717342       | Sehat              |
|      | 2023  | -0.229977614       | 2.066948199        | 0.529776472        | 2.473125005        | 4.839872062       | Sehat              |
| REAL | 2021  | 3.306988194        | 0.022081523        | 0.035435215        | 1.479760074        | 1.513405124       | Sehat              |
|      | 2022  | 3.342377187        | 0.023719283        | 0.00749577         | 4.531077834        | 4.564813756       | Sehat              |
|      | 2023  | 3.235344251        | 0.025316662        | 0.00765365         | 2.960594119        | 2.993277265       | Sehat              |

Sumber : Pengolahan Data Sekunder (2021-2023)

## RIWAYAT HIDUP



I Putu Bayu Saputra lahir di Denpasar pada tanggal 12 Oktober 2002. Penulis merupakan putra dari pasangan Bapak I Ketut Sulendra dan Ibu Ni Wayan Yudiani. Penulis berkewarganegaraan Indonesia dan beragama Hindu. Saat ini, penulis berdomisili di Banjar Karang Suwung, Desa Sading, Kecamatan Mengwi, Kabupaten Badung, Provinsi Bali.

Penulis menempuh pendidikan dasar di SDN 4 Tonja dan lulus pada tahun 2015, kemudian melanjutkan Pendidikan menengah pertama di SMPN 5 Mengwi dan lulus pada tahun 2018. Pendidikan menengah kejuruan di SMK Pariwisata Mengwitani dengan jurusan Akomodasi Perhotelan dan diselesaikan pada tahun 2021. Pada tahun yang sama, penulis melanjutkan pendidikan Srata Satu (S1) pada Program Studi S1 Manajemen, Fakultas Ekonomi, Universitas Pendidikan Ganesha. Pada semester akhir tahun 2025, penulis menyelesaikan tugas akhir berupa skripsi dengan judul “Analisis Potensi Kebangkrutan Dengan Menggunakan Metode *Altman Z-Score* Pada Perusahaan SubSektor Property Dan Real Estate yang Terdaftar Di Bursa Efek Indonesia Periode 2021-2023”. Sejak tahun 2021 hingga penulisan skripsi ini, penulis masih terdaftar sebagai mahasiswa aktif pada Program Studi S1 Manajemen, Universitas Pendidikan Ganesha.