LAMPIRAN 1

DAFTAR POPULASI DAN SAMPEL PERUSAHAAN SEKTOR *PROPERTY* DAN *REAL ESTATE* YANG TERDAFTAR DI BURSA EFEK INDONESIA PERIODE 2019-2023

Lampiran Daftar Populasi Perusahaan Sektor Property Dan Real Estate yang Terdaftar Di Bursa Efek Indonesia Periode 2019-2023

No	Kode	Nama Perusahaan
1	ADCP	PT Adhi Commuter Properti Tbk
2	AMAN	PT Makmur Berkah Amanda Tbk
3	APLN	PT Agung Podomoro Land Tbk
4	ARMY	PT Armidian Karyatama Tbk
5	ASPI	PT Andalan Sakti Primaindo Tbk
6	ASRI	PT Alam Sutera Reality Tbk
7	ATAP	PT Trimitra Prawara Goldland Tbk
8	BAPA	PT Bekasi Asri Pemula Tbk
9	BAPI	PT Bhakti Agung Propertindo Tbk
10	BBMS	PT Bumi Benowo Sukses Sejahtera Tbk
11	BCIP	PT Bumi Citra Permai Tbk
12	BEST	PT Bekasi Fajar Industrial Estate Tbk
13	BIKA	PT Binakarya Jaya Abadi Tbk
14	BIPP	PT Bhuwanatala Indah Permai Tbk
15	BKDP	PT Bukit Darmo Property Tbk
16	BKSL	PT Sentul City Tbk
17	BSBK	PT Wulandari Bangun Laksana Tbk
18	BSDE	PT Bumi Serpong Damai Tbk
19	CBPE	PT Citra Buana Prasida Tbk
20	CITY	PT Natura City Developments Tbk
21	CPRI	PT Capri Nusa Satu Properti Tbk
22	CSIS	PT Cahayasakti Investindo Sukses Tbk
23	CTRA	PT Ciputra Development Tbk
24	DADA	PT Diamond Citra Propertindo Tbk
25	DART	PT Duta Anggada Realty Tbk
26	DILD	PT Intiland Developments Tbk
27	DMAS	PT Puradelta Lestari Tbk
28	DUTI	PT Duta Pertiwi
29	ELTY	PT Bakrieland Developments Tbk
30	EMDE	PT Megapolitan Developments Tbk
31	FMII	PT Fortune Mate Indonesia Tbk
32	GAMA	PT Aksara Global Development Tbk
33	GMTD	PT Gowa Makassar Tourism Tbk
34	GPRA	PT Perdana Gapuraprima Tbk
35	GRIA	PT Ingria Pratama Capitalindo Tbk
36	HBAT	PT Minahasa Membangun Hebat Tbk

No	Kode	Nama Perusahaan
37	HOMI	PT Grand House Mulia Tbk
38	INDO	PT Royalindo Investa Wijaya Tbk
39	INPP	PT Indonesia Paradise Property Tbk
40	IPAC	PT Era Graharealty Tbk
41	JRPT	PT Jaya Real Property Tbk
42	KBAG	PT Karya Bersama Anugerah Tbk
43	KIJA	PT Kawasan Industri Jababeka Tbk
44	KOCI	PT Kokoh Exa Nusantara Tbk
45	LAND	PT Trimitra Propertindo Tbk
46	LCGP	PT Eureka Prima Jakarta Tbk
47	LPCK	PT Lippo Cikarang Tbk
48	LPKR	PT Lippo Karawaci Tbk
49	LPLI	PT Star Pacific Tbk
50	MDLN	PT Moderland Realty Tbk
51	MKPI	PT Metropolitan Kentjana Tbk
52	MMLP	PT Mega Manunggal Property Tbk
53	MPRO	PT Maha Properti Indonesia Tbk
54	MSIE	PT Multisarana Intan Eduka Tbk
55	MTLA	PT Metropolitan Land Tbk
56	MTSM	PT Metro Realty Tbk
57	NASA	PT Andalan Perkasa Abadi Tbk
58	NIRO	PT City Retail Developments Land Tbk
59	NZIA	PT Nusantara Almazia Tbk
60	OMRE	PT Indonesia Prima Property Tbk
61	PAMG	PT Bima Sakti Pertiwi Tbk
62	PLIN	PT Plaza Indonesia Realty Tbk
63	POLI	PT Pollux Hotels Group Tbk
64	POLL	PT Pollux Properties Indonesia Tbk
65	POSA	PT Bliss Properti Indonesia Tbk
66	PPRO	PT Pp Properti Tbk
67	PUDP	PT Pudjiadi Prestige Tbk
68	PURI	PT Puri Global Sukses Tbk
69	PWON	PT Pakuwon Jati Tbk
70	RBMS	PT Ristia Bintang Mahkotasejati Tbk
71	RDTX	PT Roda Vivatex Tbk
72	REAL	PT Repower Asia Indonesia Tbk
73	RELF	PT Graha Mitra Asia Tbk
74	RIMO	PT Rimo International Lestari Tbk

No	Kode	Nama Perusahaan
75	RISE	PT Jaya Sukses Makmur Sentosa Tbk
76	ROCK	PT Rockfields Proprti Indonesia Tbk
77	RODA	PT Pikko Land Development Tbk
78	SAGE	PT Saptausaha Gemilangindah Tbk
79	SATU	PT Kota Satu Properti Tbk
80	SMDM	PT Suryamas Dutamakmur Tbk
81	SMRA	PT Summarecon Agung Tbk
82	SWID	PT Saraswati Indoland Development Tbk
83	TARA	PT Agung Semesta Sejahtera Tbk
84	TRIN	PT Perintis Trini Properti Tbk
85	UANG	PT Pakuan Tbk
86	URBN	PT Urban Jakarta Propertindo Tbk
87	VAST	PT Vastland Indonesia Tbk
88	WINR	PT Winner Nusantara Jaya Tbk
89	TRUE	PT Triniti Dinamik Tbk

Lampiran : Daftar Sampel Perusahaan Sektor *Property* Dan *Real Estate* yang Terdaftar Di Bursa Efek Indonesia Periode 2019-2023

No	Kode Perusahaan	Nama Perusahaan
1	AMAN	PT Makmur Berkah Amanda Tbk.
2	APLN	PT Agung Podomoro Land Tbk.
3	ASRI	PT Alam Sutera Realty Tbk.
4	BAPA	PT Bekasi Asri Pemula Tbk.
5	BCIP	PT Bumi Citra Permai Tbk.
6	BEST	PT Bekasi Fajar Industrial Estate Tbk.
7	BIPP	PT Bhuwanatala Indah Permai Tbk.
8	BKDP	PT Bukit Darmo Property Tbk.
9	BKSL	PT Sentul City Tbk.
10	BSDE	PT Bumi Serpong Damai Tbk.
11	CITY	PT Natura City Developments Tbk.
12	CSIS	PT Cahayasakti Investindo Sukses Tbk.
13	CTRA	PT Ciputra Development Tbk.
14	DART	PT Duta Anggada Realty Tbk.
15	DILD	PT Intiland Development Tbk.
16	DMAS	PT Puradelta Lestari Tbk.
17	DUTI	PT Duta Pertiwi Tbk.
18	ELTY	PT Bakrieland Development Tbk.
19	EMDE	PT Megapolitan Developments Tbk.
20	FMII	PT Fortune Mate Indonesia Tbk.
21	GPRA	PT Perdana Gapuraprima Tbk.
22	INPP	PT Indonesian Paradise Property Tbk.
23	JRPT	PT Jaya Real Property Tbk.
24	KBAG	PT Karya Bersama Anugerah Tbk.
25	KIJA	PT Kawasan Industri Jababeka Tbk.
26	LPCK	PT Lippo Cikarang Tbk.
27	LPKR	PT Lippo Karawaci Tbk.
28	MKPI	PT Metropolitan Kentjana Tbk.
29	MMLP	PT Mega Manunggal Property Tbk.
30	MPRO	PT Maha Properti Indonesia Tbk.
31	MTLA	PT Metropolitan Land Tbk.
32	NASA	PT Andalan Perkasa Abadi Tbk.
33	OMRE	PT Indonesia Prima Property Tbk.
34	PAMG	PT Bima Sakti Pertiwi Tbk.
35	PLIN	PT Plaza Indonesia Realty Tbk.
36	POLI	PT Pollux Hotels Group Tbk.

No	Kode Perusahaan	Nama Perusahaan
37	PUDP	PT Pudjiadi Prestige Tbk.
38	PWON	PT Pakuwon Jati Tbk.
39	RBMS	PT Ristia Bintang Mahkotasejati Tbk.
40	RDTX	PT Roda Vivatex Tbk.
41	REAL	PT Repower Asia Indonesia Tbk
42	RISE	PT Jaya Sukses Makmur Sentosa Tbk.
43	SMDM	PT Suryamas Dutamakmur Tbk.
44	SMRA	PT Summarecon Agung Tbk.

LAMPIRAN 2

DAFTAR PERHITUNGAN STRUKTUR MODAL PERUSAHAAN SEKTOR *PROPERTY* DAN *REAL ESTATE* PERIODE 2019-2023

Lampiran : Perhitungan Struktur Modal

Kode	Tahun	*Total Debt*	*Total Equity*	DER
AMAN	**2019**	214.212.848.000	513.907.993.000	0,41683
AMAN	**2020**	208.345.614.000	591.051.897.000	0,35250
AMAN	**2021**	242.578.454.000	619.310.416.000	0,39169
AMAN	**2022**	312.827.161.000	652.281.972.000	0,47959
AMAN	**2023**	375.900.801.000	709.539.653.000	0,52978
APLN	**2019**	16.624.399.470.000	12.835.945.610.000	1,29514
APLN	**2020**	19.036.134.922.000	11.355.225.034.000	1,67642
APLN	**2021**	19.071.333.513.000	10.539.777.680.000	1,80946
APLN	**2022**	16.148.220.661.000	12.469.561.080.000	1,29501
APLN	**2023**	14.876.147.126.000	13.451.404.486.000	1,10592
ASRI	**2019**	11.332.052.391.000	10.562.219.614.000	1,07289
ASRI	**2020**	11.840.666.961.000	9.386.147.910.000	1,26150
ASRI	**2021**	12.397.883.478.000	9.536.091.236.000	1,30010
ASRI	**2022**	11.656.300.706.000	10.642.624.565.000	1,09525
ASRI	**2023**	10.965.051.102.000	11.271.185.762.000	0,97284
BAPA	**2019**	7.526.048.716	135.610.387.941	0,05550
BAPA	**2020**	8.098.923.359	134.207.847.670	0,06035
BAPA	**2021**	7.171.085.839	132.399.912.496	0,05416
BAPA	**2022**	6.589.092.293	128.844.921.195	0,05114
BAPA	**2023**	9.062.277.504	125.800.049.190	0,07204
BCIP	**2019**	433.530.491.804	433.534.933.647	0,99999
BCIP	**2020**	462.672.453.925	446.592.008.738	1,03601
BCIP	**2021**	440.374.923.594	446.698.141.802	0,98584
BCIP	**2022**	420.288.826.352	463.745.686.769	0,90629
BCIP	**2023**	429.633.626.606	480.998.928.026	0,89321
BEST	**2019**	1.930.728.238.615	4.468.749.285.275	0,43205
BEST	**2020**	1.925.523.126.081	4.356.657.103.651	0,44197
BEST	**2021**	1.752.315.039.995	4.293.897.345.417	0,40809
BEST	**2022**	1.749.964.841.755	4.328.504.067.271	0,40429
BEST	**2023**	1.572.306.529.495	4.367.797.819.625	0,35998
BIPP	**2019**	1.045.504.866.617	1.121.507.766.581	0,93223
BIPP	**2020**	919.581.439.010	1.206.943.891.304	0,76191
BIPP	**2021**	889.578.514.261	1.155.108.211.593	0,77013
BIPP	**2022**	806.384.409.413	1.081.952.097.344	0,74531
BIPP	**2023**	891.896.202.079	1.053.427.665.154	0,84666
BKDP	**2019**	318.614.718.054	511.392.134.181	0,62303
BKDP	**2020**	309.509.265.589	481.330.909.932	0,64303
BKDP	**2021**	327.575.792.987	446.563.805.362	0,73355
BKDP	**2022**	343.253.957.213	413.245.749.649	0,83063
BKDP	**2023**	376.331.162.576	381.907.437.249	0,98540
BKSL	**2019**	6.578.349.800.074	10.696.922.809.139	0,61498
BKSL	**2020**	8.121.131.006.426	10.250.098.967.395	0,79230

Kode	Tahun	*Total Debt*	*Total Equity*	DER
BKSL	**2021**	6.168.939.794.466	10.486.049.543.695	0,58830
BKSL	**2022**	6.398.549.423.657	10.323.210.840.150	0,61982
BKSL	**2023**	4.745.794.622.926	15.141.083.260.494	0,31344
BSDE	**2019**	20.897.343.170.602	33.547.505.881.845	0,62292
BSDE	**2020**	26.391.824.110.926	34.471.102.475.824	0,76562
BSDE	**2021**	25.575.995.151.814	35.893.717.013.842	0,71255
BSDE	**2022**	26.953.967.352.972	38.045.436.127.815	0,70847
BSDE	**2023**	25.626.062.282.715	41.201.586.203.678	0,62197
CITY	**2019**	112.161.715.898	806.718.176.915	0,13903
CITY	**2020**	80.554.999.031	872.376.513.394	0,09234
CITY	**2021**	76.993.446.135	874.339.528.765	0,08806
CITY	**2022**	79.333.531.760	854.639.803.984	0,09283
CITY	**2023**	115.128.633.737	857.600.647.728	0,13425
CSIS	**2019**	266.092.029.525	206.392.513.160	1,28925
CSIS	**2020**	270.227.522.474	268.035.513.520	1,00818
CSIS	**2021**	239.158.814.425	286.977.326.191	0,83337
CSIS	**2022**	236.219.079.799	310.447.368.371	0,76090
CSIS	**2023**	232.668.850.115	316.040.829.763	0,73620
CTRA	**2019**	18.434.456.000.000	17.761.568.000.000	1,03788
CTRA	**2020**	21.797.659.000.000	17.457.528.000.000	1,24861
CTRA	**2021**	21.274.214.000.000	19.394.197.000.000	1,09694
CTRA	**2022**	20.989.450.000.000	20.912.932.000.000	1,00366
CTRA	**2023**	21.490.499.000.000	22.624.716.000.000	0,94987
DART	**2019**	3.565.822.980.000	3.315.128.311.000	1,07562
DART	**2020**	3.742.012.201.000	2.914.108.781.000	1,28410
DART	**2021**	4.100.747.128.000	2.503.287.462.000	1,63814
DART	**2022**	4.380.333.825.000	2.082.346.272.000	2,10356
DART	**2023**	4.578.440.529.000	1.738.529.107.000	2,63351
DILD	**2019**	7.542.625.380.504	7.234.870.912.135	1,04254
DILD	**2020**	9.652.623.140.002	6.049.249.422.919	1,59567
DILD	**2021**	10.429.635.817.904	6.032.148.919.731	1,72901
DILD	**2022**	10.136.195.422.586	6.215.652.955.420	1,63075
DILD	**2023**	8.064.726.715.168	6.539.181.428.024	1,23329
DMAS	**2019**	1.121.231.243.313	6.495.739.786.307	0,17261
DMAS	**2020**	1.224.176.089.310	5.528.057.150.794	0,22145
DMAS	**2021**	762.768.422.674	5.351.173.180.680	0,14254
DMAS	**2022**	898.765.268.060	5.724.648.921.085	0,15700
DMAS	**2023**	838.114.431.026	5.880.394.031.396	0,14253
DUTI	**2019**	3.197.457.000.000	10.590.770.000.000	0,30191
DUTI	**2020**	3.227.977.000.000	9.414.919.000.000	0,34286
DUTI	**2021**	4.347.434.000.000	10.961.489.000.000	0,39661
DUTI	**2022**	4.659.938.000.000	10.926.240.000.000	0,42649
DUTI	**2023**	3.670.601.789.706	11.460.887.206.560	0,32027

Kode	Tahun	*Total Debt*	*Total Equity*	DER
ELTY	**2019**	3.519.571.183.711	8.809.949.174.017	0,39950
ELTY	**2020**	3.387.644.000.000	8.435.792.000.000	0,40158
ELTY	**2021**	3.533.568.000.000	8.147.635.000.000	0,43369
ELTY	**2022**	2.671.612.000.000	7.241.847.000.000	0,36891
ELTY	**2023**	2.507.808.000.000	6.131.245.000.000	0,40902
EMDE	**2019**	1.371.713.130.382	772.231.107.983	1,77630
EMDE	**2020**	1.905.692.754.656	548.361.518.839	3,47525
EMDE	**2021**	2.033.688.077.681	1.694.950.913.099	1,19985
EMDE	**2022**	2.117.499.934.233	1.626.251.802.825	1,30207
EMDE	**2023**	2.161.295.035.484	1.357.960.207.399	1,59157
FMII	**2019**	264.399.707.766	627.467.278.500	0,42138
FMII	**2020**	245.524.649.894	625.182.803.176	0,39272
FMII	**2021**	233.332.307.567	635.698.367.058	0,36705
FMII	**2022**	100.867.958.685	651.997.884.387	0,15471
FMII	**2023**	113.016.805.012	669.318.605.877	0,16885
GPRA	**2019**	573.167.523.724	1.132.751.463.041	0,50600
GPRA	**2020**	674.113.858.270	1.053.247.818.677	0,64003
GPRA	**2021**	654.638.555.294	1.105.912.907.155	0,59194
GPRA	**2022**	602.857.333.624	1.178.498.310.599	0,51155
GPRA	**2023**	685.872.382.107	1.268.359.035.882	0,54076
INPP	**2019**	1.658.261.945.713	6.331.642.923.244	0,26190
INPP	**2020**	1.885.064.829.152	5.772.041.422.414	0,32659
INPP	**2021**	3.027.511.364.432	5.718.188.879.803	0,52945
INPP	**2022**	3.423.931.216.118	5.739.889.962.764	0,59652
INPP	**2023**	3.416.917.697.137	5.928.332.958.330	0,57637
JRPT	**2019**	3.762.437.184.000	7.402.497.916.000	0,50827
JRPT	**2020**	3.606.436.882.000	7.875.084.383.000	0,45796
JRPT	**2021**	3.594.354.650.000	8.153.793.184.000	0,44082
JRPT	**2022**	3.619.754.827.000	8.632.045.673.000	0,41934
JRPT	**2023**	3.936.063.377.000	9.270.835.010.000	0,42456
KBAG	**2019**	78.283.769.306	173.558.805.380	0,45105
KBAG	**2020**	81.038.905.732	382.452.553.272	0,21189
KBAG	**2021**	77.243.842.432	381.500.758.856	0,20247
KBAG	**2022**	53.394.262.317	390.028.651.289	0,13690
KBAG	**2023**	44.516.813.998	389.199.770.134	0,11438
KIJA	**2019**	5.877.596.349.996	6.307.015.229.316	0,93191
KIJA	**2020**	5.939.921.471.289	6.260.254.508.581	0,94883
KIJA	**2021**	5.920.079.958.943	6.372.010.371.083	0,92908
KIJA	**2022**	6.605.083.823.533	6.505.375.560.067	1,01533
KIJA	**2023**	6.016.058.083.818	6.931.377.236.420	0,86795
LPCK	**2019**	1.336.706.000.000	10.882.522.000.000	0,12283
LPCK	**2020**	3.140.408.000.000	6.579.162.000.000	0,47733
LPCK	**2021**	2.727.591.000.000	6.406.946.000.000	0,42572

Kode	Tahun	*Total Debt*	*Total Equity*	DER
LPCK	**2022**	2.654.442.000.000	6.695.171.000.000	0,39647
LPCK	**2023**	2.890.399.000.000	6.791.326.000.000	0,42560
LPKR	**2019**	20.703.246.000.000	34.376.339.000.000	0,60225
LPKR	**2020**	28.291.825.000.000	23.573.655.000.000	1,20015
LPKR	**2021**	29.594.927.000.000	22.486.009.000.000	1,31615
LPKR	**2022**	30.731.006.000.000	19.139.891.000.000	1,60560
LPKR	**2023**	29.964.393.000.000	19.606.431.000.000	1,52829
MKPI	**2019**	1.771.631.581.519	5.503.602.936.059	0,32190
MKPI	**2020**	2.015.619.366.153	5.607.298.699.580	0,35946
MKPI	**2021**	2.157.944.970.302	5.836.337.461.790	0,36974
MKPI	**2022**	1.726.321.957.737	6.429.617.047.075	0,26850
MKPI	**2023**	1.537.407.569.930	6.851.330.744.372	0,22440
MMLP	**2019**	1.128.774.113.000	5.626.779.471.000	0,20061
MMLP	**2020**	963.467.166.000	5.762.537.984.000	0,16719
MMLP	**2021**	949.949.854.000	6.157.354.007.000	0,15428
MMLP	**2022**	1.452.118.870.000	6.183.751.215.000	0,23483
MMLP	**2023**	2.163.000.359.000	4.548.971.753.000	0,47549
MPRO	**2019**	396.353.696.000	1.360.217.131.000	0,29139
MPRO	**2020**	401.816.572.000	1.368.422.273.000	0,29363
MPRO	**2021**	407.517.539.000	1.354.597.302.000	0,30084
MPRO	**2022**	399.652.279.000	1.325.523.976.000	0,30151
MPRO	**2023**	423.663.595.000	1.286.534.231.000	0,32931
MTLA	**2019**	2.257.513.000.000	3.849.851.000.000	0,58639
MTLA	**2020**	1.855.546.000.000	4.076.937.000.000	0,45513
MTLA	**2021**	2.003.374.000.000	4.406.174.000.000	0,45467
MTLA	**2022**	1.981.223.000.000	4.754.672.000.000	0,41669
MTLA	**2023**	2.071.569.000.000	5.149.142.000.000	0,40231
NASA	**2019**	59.912.226.873	1.083.358.427.476	0,05530
NASA	**2020**	58.676.592.096	1.076.831.375.991	0,05449
NASA	**2021**	61.953.985.743	1.071.898.231.206	0,05780
NASA	**2022**	57.908.394.154	1.071.618.952.316	0,05404
NASA	**2023**	47.878.196.882	1.077.959.912.725	0,04442
OMRE	**2019**	447.147.225.925	3.787.172.586.518	0,11807
OMRE	**2020**	584.063.261.293	3.549.925.412.734	0,16453
OMRE	**2021**	723.496.392.230	3.385.627.450.470	0,21370
OMRE	**2022**	827.629.121.014	3.162.053.683.507	0,26174
OMRE	**2023**	411.372.974.666	3.603.208.292.532	0,11417
PAMG	**2019**	145.747.780.781	441.749.002.948	0,32993
PAMG	**2020**	147.393.574.529	435.412.639.821	0,33851
PAMG	**2021**	157.557.462.326	426.021.430.150	0,36983
PAMG	**2022**	159.757.005.714	422.808.031.838	0,37785
PAMG	**2023**	159.410.883.598	423.226.005.242	0,37666
PLIN	**2019**	972.457.079.000	11.575.574.237.000	0,08401

Kode	Tahun	*Total Debt*	*Total Equity*	DER
PLIN	**2020**	1.162.324.697.000	10.653.586.794.000	0,10910
PLIN	**2021**	1.174.237.380.000	10.797.455.175.000	0,10875
PLIN	**2022**	1.324.547.597.000	11.045.072.794.000	0,11992
PLIN	**2023**	1.353.259.439.000	10.889.254.671.000	0,12427
POLI	**2019**	649.959.008.442	1.675.619.774.283	0,38789
POLI	**2020**	780.478.933.365	1.692.560.481.552	0,46112
POLI	**2021**	708.818.433.520	1.731.755.494.405	0,40931
POLI	**2022**	683.099.929.963	1.900.134.318.060	0,35950
POLI	**2023**	1.244.558.880.638	2.000.629.528.278	0,62208
PUDP	**2019**	198.826.311.691	341.089.560.078	0,58292
PUDP	**2020**	204.280.317.915	317.352.279.296	0,64370
PUDP	**2021**	190.546.059.153	301.457.884.376	0,63208
PUDP	**2022**	70.130.902.724	581.238.169.396	0,12066
PUDP	**2023**	15.725.076.734	516.625.377.336	0,03044
PWON	**2019**	7.999.510.286	18.095.643.057	0,44207
PWON	**2020**	8.860.110.106	17.598.695.271	0,50345
PWON	**2021**	9.687.642.670	19.178.438.459	0,50513
PWON	**2022**	9.883.903.905	20.718.276.011	0,47706
PWON	**2023**	9.915.452.617	22.795.334.366	0,43498
RBMS	**2019**	202.261.071.362	604.330.383.918	0,33469
RBMS	**2020**	200.695.757.269	559.750.108.573	0,35855
RBMS	**2021**	214.953.290.839	556.143.509.759	0,38651
RBMS	**2022**	198.940.136.778	518.666.624.300	0,38356
RBMS	**2023**	213.839.610.198	498.240.301.757	0,42919
RDTX	**2019**	271.083.812.343	2.524.704.640.419	0,10737
RDTX	**2020**	234.410.089.039	2.736.651.682.675	0,08566
RDTX	**2021**	256.434.333.798	2.904.671.022.728	0,08828
RDTX	**2022**	414.789.785.669	2.972.531.218.537	0,13954
RDTX	**2023**	555.135.931.061	2.885.197.110.177	0,19241
REAL	**2019**	3.701.033.173	348.864.482.650	0,01061
REAL	**2020**	2.608.820.964	349.981.407.559	0,00745
REAL	**2021**	2.492.305.309	351.239.418.011	0,00710
REAL	**2022**	814.437.215	351.455.086.851	0,00232
REAL	**2023**	1.247.287.259	351.686.792.745	0,00355
RISE	**2019**	478.330.428.945	1.883.091.551.246	0,25401
RISE	**2020**	524.341.904.877	1.837.673.057.173	0,28533
RISE	**2021**	380.753.760.351	2.265.798.584.647	0,16804
RISE	**2022**	410.744.836.206	2.301.416.113.796	0,17847
RISE	**2023**	772.706.002.001	2.437.998.541.065	0,31694
SMDM	**2019**	589.477.689.864	2.623.695.416.052	0,22467
SMDM	**2020**	553.905.302.046	2.648.005.601.975	0,20918
SMDM	**2021**	523.995.257.470	2.779.516.465.681	0,18852
SMDM	**2022**	463.973.692.434	2.959.304.778.402	0,15678

Kode	Tahun	*Total Debt*	*Total Equity*	DER
SMDM	**2023**	476.254.570.089	3.058.334.253.906	0,15572
SMRA	**2019**	14.990.297.354.000	9.451.359.922.000	1,58605
SMRA	**2020**	15.836.845.684.000	9.085.688.540.000	1,74305
SMRA	**2021**	14.819.493.511.000	11.230.223.167.000	1,31961
SMRA	**2022**	16.683.534.371.000	11.750.040.507.000	1,41987
SMRA	**2023**	18.865.313.214.000	12.303.061.872.000	1,53338

LAMPIRAN 3

DAFTAR PERHITUNGAN ASET BERWUJUD PERUSAHAAN SEKTOR *PROPERTY* DAN *REAL ESTATE* PERIODE 2019-2023

Lampiran : Perhitungan Aset Berwujud

Kode	Tahun	*Fixed Assets*	*Total Assets*	Rasio
AMAN	**2019**	199.249.048.000	728.120.841.000	0,27365
AMAN	**2020**	192.685.928.000	799.397.510.000	0,24104
AMAN	**2021**	183.234.444.000	861.888.870.000	0,21260
AMAN	**2022**	171.068.715.000	966.109.133.000	0,17707
AMAN	**2023**	218.663.967.000	1.085.440.454.000	0,20145
APLN	**2019**	3.658.026.494.000	29.460.345.080.000	0,12417
APLN	**2020**	3.911.456.238.000	30.391.359.956.000	0,12870
APLN	**2021**	3.835.220.367.000	29.611.111.193.000	0,12952
APLN	**2022**	3.639.961.858.000	28.617.781.741.000	0,12719
APLN	**2023**	3.431.355.449.000	28.327.551.612.000	0,12113
ASRI	**2019**	1.298.289.971.000	21.894.272.005.000	0,05930
ASRI	**2020**	1.259.350.518.000	21.226.814.871.000	0,05933
ASRI	**2021**	1.207.694.618.000	21.933.974.714.000	0,05506
ASRI	**2022**	1.201.749.623.000	22.298.925.271.000	0,05389
ASRI	**2023**	1.224.816.900.000	22.236.236.864.000	0,05508
BAPA	**2019**	1.394.649.669	143.136.436.717	0,00974
BAPA	**2020**	925.167.363	142.306.771.029	0,00650
BAPA	**2021**	435.606.877	139.570.998.335	0,00312
BAPA	**2022**	44.252.513	135.434.013.488	0,00033
BAPA	**2023**	19.983.000	134.862.326.695	0,00015
BCIP	**2019**	34.992.765.408	867.065.425.451	0,04036
BCIP	**2020**	39.270.240.610	909.264.462.663	0,04319
BCIP	**2021**	19.876.971.239	887.073.065.396	0,02241
BCIP	**2022**	21.470.773.012	884.034.513.122	0,02429
BCIP	**2023**	30.177.326.814	910.632.554.632	0,03314
BEST	**2019**	185.394.346.501	6.399.477.523.890	0,02897
BEST	**2020**	162.736.426.651	6.282.180.229.732	0,02590
BEST	**2021**	155.684.144.026	6.046.212.385.412	0,02575
BEST	**2022**	147.876.782.641	6.078.468.909.026	0,02433
BEST	**2023**	135.398.528.356	5.940.104.349.120	0,02279
BIPP	**2019**	158.020.943.564	2.167.012.633.198	0,07292
BIPP	**2020**	178.028.051.322	2.126.525.330.314	0,08372
BIPP	**2021**	175.367.937.126	2.044.686.725.854	0,08577
BIPP	**2022**	236.479.046.159	1.888.336.506.757	0,12523
BIPP	**2023**	260.609.159.034	1.945.323.867.233	0,13397
BKDP	**2019**	7.258.498.824	830.006.852.234	0,00875
BKDP	**2020**	5.109.060.537	790.840.175.521	0,00646
BKDP	**2021**	3.881.035.700	774.139.598.349	0,00501
BKDP	**2022**	3.082.188.900	756.499.706.863	0,00407
BKDP	**2023**	2.392.915.112	758.238.599.826	0,00316
BKSL	**2019**	208.373.652.924	17.275.272.609.213	0,01206
BKSL	**2020**	191.976.184.496	18.371.229.973.821	0,01045

Kode	Tahun	*Fixed Assets*	*Total Assets*	Rasio
BKSL	**2021**	195.139.069.024	16.654.989.338.161	0,01172
BKSL	**2022**	210.648.832.114	16.721.760.263.807	0,01260
BKSL	**2023**	237.790.687.508	19.886.877.883.420	0,01196
BSDE	**2019**	631.541.383.154	54.444.849.052.447	0,01160
BSDE	**2020**	584.619.322.260	60.862.926.586.750	0,00961
BSDE	**2021**	530.203.479.403	61.469.712.165.656	0,00863
BSDE	**2022**	548.157.192.272	64.999.403.480.787	0,00843
BSDE	**2023**	531.685.784.258	66.827.648.486.393	0,00796
CITY	**2019**	5.075.294.745	918.879.892.813	0,00552
CITY	**2020**	4.515.404.521	952.922.512.425	0,00474
CITY	**2021**	4.394.288.662	951.332.974.900	0,00462
CITY	**2022**	13.773.581.467	933.973.335.744	0,01475
CITY	**2023**	34.701.699.921	972.729.281.465	0,03567
CSIS	**2019**	10.446.754.671	472.484.542.685	0,02211
CSIS	**2020**	26.214.874.887	538.263.035.994	0,04870
CSIS	**2021**	30.015.217.562	526.136.140.616	0,05705
CSIS	**2022**	48.495.944.776	546.666.448.170	0,08871
CSIS	**2023**	50.212.651.738	548.709.679.878	0,09151
CTRA	**2019**	3.089.106.000.000	36.196.024.000.000	0,08534
CTRA	**2020**	2.594.980.000.000	39.255.187.000.000	0,06611
CTRA	**2021**	2.503.919.000.000	40.668.411.000.000	0,06157
CTRA	**2022**	2.568.690.000.000	41.902.382.000.000	0,06130
CTRA	**2023**	2.834.852.000.000	44.115.215.000.000	0,06426
DART	**2019**	872.618.184.000	6.880.951.291.000	0,12682
DART	**2020**	809.951.582.000	6.656.120.982.000	0,12169
DART	**2021**	759.682.221.000	6.604.034.590.000	0,11503
DART	**2022**	695.932.107.000	6.462.680.097.000	0,10768
DART	**2023**	645.874.656.000	6.316.969.636.000	0,10224
DILD	**2019**	232.819.760.071	14.777.496.292.639	0,01576
DILD	**2020**	213.381.623.567	15.701.872.562.921	0,01359
DILD	**2021**	238.104.394.639	16.461.784.737.635	0,01446
DILD	**2022**	171.001.004.346	16.351.848.378.006	0,01046
DILD	**2023**	363.778.449.257	14.603.908.143.192	0,02491
DMAS	**2019**	309.629.928.622	7.616.971.029.620	0,04065
DMAS	**2020**	290.465.585.963	6.752.233.240.104	0,04302
DMAS	**2021**	308.791.131.863	6.113.941.603.354	0,05051
DMAS	**2022**	378.385.478.630	6.623.414.189.145	0,05713
DMAS	**2023**	403.089.811.160	6.718.508.462.422	0,06000
DUTI	**2019**	304.736.000.000	13.788.227.000.000	0,02210
DUTI	**2020**	317.166.000.000	12.642.896.000.000	0,02509
DUTI	**2021**	244.177.000.000	15.308.923.000.000	0,01595
DUTI	**2022**	233.051.000.000	15.586.178.000.000	0,01495
DUTI	**2023**	226.825.796.246	15.131.488.996.266	0,01499

Kode	Tahun	*Fixed Assets*	*Total Assets*	Rasio
ELTY	**2019**	2.831.093.984.408	12.329.520.357.728	0,22962
ELTY	**2020**	2.737.985.000.000	11.823.436.000.000	0,23157
ELTY	**2021**	2.609.881.000.000	11.681.203.000.000	0,22343
ELTY	**2022**	1.170.213.000.000	9.913.459.000.000	0,11804
ELTY	**2023**	105.936.500.000	8.639.053.000.000	0,01226
EMDE	**2019**	23.693.071.379	2.143.944.238.365	0,01105
EMDE	**2020**	22.109.692.630	2.454.054.273.495	0,00901
EMDE	**2021**	14.596.286.258	3.728.638.990.780	0,00391
EMDE	**2022**	12.413.553.905	3.743.751.737.058	0,00332
EMDE	**2023**	11.559.131.391	3.519.255.242.883	0,00328
FMII	**2019**	152.607.850	891.866.986.266	0,00017
FMII	**2020**	342.796.806	870.707.453.070	0,00039
FMII	**2021**	217.699.095	869.030.674.625	0,00025
FMII	**2022**	145.057.332	752.865.843.071	0,00019
FMII	**2023**	963.534.375	782.335.410.889	0,00123
GPRA	**2019**	41.145.419.704	1.705.918.986.765	0,02412
GPRA	**2020**	38.405.471.214	1.727.361.676.947	0,02223
GPRA	**2021**	36.808.190.227	1.760.551.462.449	0,02091
GPRA	**2022**	35.128.940.202	1.781.355.644.223	0,01972
GPRA	**2023**	34.715.792.751	1.954.231.417.989	0,01776
INPP	**2019**	1.664.070.274.986	7.989.904.868.957	0,20827
INPP	**2020**	1.896.573.212.057	7.657.106.251.566	0,24769
INPP	**2021**	1.461.379.079.238	8.745.700.244.235	0,16710
INPP	**2022**	1.505.710.173.973	9.163.821.178.882	0,16431
INPP	**2023**	1.595.985.520.728	9.345.250.655.467	0,17078
JRPT	**2019**	150.078.346.000	11.164.935.100.000	0,01344
JRPT	**2020**	160.171.913.000	11.481.521.265.000	0,01395
JRPT	**2021**	164.334.238.000	11.748.147.834.000	0,01399
JRPT	**2022**	202.286.989.000	12.251.800.500.000	0,01651
JRPT	**2023**	504.349.085.000	13.206.898.387.000	0,03819
KBAG	**2019**	2.620.078.489	251.842.574.686	0,01040
KBAG	**2020**	4.048.884.401	463.491.459.004	0,00874
KBAG	**2021**	3.576.039.995	458.744.601.288	0,00780
KBAG	**2022**	4.408.746.188	443.422.913.606	0,00994
KBAG	**2023**	5.479.714.773	433.716.584.132	0,01263
KIJA	**2019**	2.140.893.989.406	12.184.611.579.312	0,17570
KIJA	**2020**	2.033.797.383.048	12.200.175.979.870	0,16670
KIJA	**2021**	1.948.427.461.045	12.292.090.330.026	0,15851
KIJA	**2022**	2.062.260.296.206	13.110.459.383.600	0,15730
KIJA	**2023**	2.046.245.446.530	12.947.435.320.238	0,15804
LPCK	**2019**	94.457.000.000	12.219.228.000.000	0,00773
LPCK	**2020**	77.482.000.000	9.719.570.000.000	0,00797
LPCK	**2021**	65.953.000.000	9.134.537.000.000	0,00722

Kode	Tahun	*Fixed Assets*	*Total Assets*	Rasio
LPCK	**2022**	53.328.000.000	9.349.613.000.000	0,00570
LPCK	**2023**	33.005.000.000	9.681.725.000.000	0,00341
LPKR	**2019**	5.369.030.000.000	55.079.585.000.000	0,09748
LPKR	**2020**	8.787.101.000.000	51.865.480.000.000	0,16942
LPKR	**2021**	11.109.411.000.000	52.080.936.000.000	0,21331
LPKR	**2022**	11.490.955.000.000	49.870.897.000.000	0,23041
LPKR	**2023**	11.697.587.000.000	49.570.824.000.000	0,23598
MKPI	**2019**	4.436.070.364.083	7.275.234.517.578	0,60975
MKPI	**2020**	4.954.987.397.846	7.622.918.065.733	0,65001
MKPI	**2021**	5.140.640.532.540	7.994.282.432.092	0,64304
MKPI	**2022**	5.003.371.113.638	8.155.939.004.812	0,61346
MKPI	**2023**	4.841.501.865.910	8.388.738.314.302	0,57714
MMLP	**2019**	8.212.783.000	6.755.553.584.000	0,00122
MMLP	**2020**	2.250.843.000	6.726.005.150.000	0,00033
MMLP	**2021**	1.738.527.000	7.107.303.861.000	0,00024
MMLP	**2022**	4.404.797.000	7.635.870.085.000	0,00058
MMLP	**2023**	6.190.605.000	6.711.972.112.000	0,00092
MPRO	**2019**	4.264.707.000	1.756.570.827.000	0,00243
MPRO	**2020**	3.456.500.000	1.770.238.845.000	0,00195
MPRO	**2021**	4.513.126.000	1.762.114.841.000	0,00256
MPRO	**2022**	4.167.464.000	1.725.176.255.000	0,00242
MPRO	**2023**	3.780.432.000	1.710.197.826.000	0,00221
MTLA	**2019**	385.178.000.000	6.107.364.000.000	0,06307
MTLA	**2020**	492.362.000.000	5.932.483.000.000	0,08299
MTLA	**2021**	604.416.000.000	6.409.548.000.000	0,09430
MTLA	**2022**	710.498.000.000	6.735.895.000.000	0,10548
MTLA	**2023**	765.533.000.000	7.220.711.000.000	0,10602
NASA	**2019**	47.183.660.324	1.143.270.654.349	0,04127
NASA	**2020**	45.808.448.556	1.135.507.968.087	0,04034
NASA	**2021**	47.074.316.024	1.133.852.216.949	0,04152
NASA	**2022**	47.969.802.977	1.129.527.346.470	0,04247
NASA	**2023**	47.455.128.918	1.125.838.109.607	0,04215
OMRE	**2019**	63.414.797.707	4.234.319.812.443	0,01498
OMRE	**2020**	63.259.304.924	4.133.988.674.027	0,01530
OMRE	**2021**	57.223.465.079	4.109.123.842.700	0,01393
OMRE	**2022**	57.217.660.322	3.989.682.804.521	0,01434
OMRE	**2023**	57.517.090.399	4.014.581.267.198	0,01433
PAMG	**2019**	3.949.388.218	582.636.888.840	0,00678
PAMG	**2020**	3.388.308.706	582.806.214.350	0,00581
PAMG	**2021**	4.109.000.000	583.578.892.476	0,00704
PAMG	**2022**	3.821.650.015	582.565.037.552	0,00656
PAMG	**2023**	3.326.297.021	582.636.888.840	0,00571
PLIN	**2019**	398.030.725.000	12.548.031.316.000	0,03172

Kode	Tahun	*Fixed Assets*	*Total Assets*	Rasio
PLIN	**2020**	397.108.716.000	11.815.911.491.000	0,03361
PLIN	**2021**	473.956.766.000	11.971.692.555.000	0,03959
PLIN	**2022**	567.465.432.000	12.369.620.391.000	0,04588
PLIN	**2023**	673.463.098.000	12.242.514.110.000	0,05501
POLI	**2019**	557.692.350.959	2.325.578.782.725	0,23981
POLI	**2020**	527.234.567.365	2.473.039.414.917	0,21319
POLI	**2021**	501.332.446.435	2.440.573.927.925	0,20542
POLI	**2022**	480.600.464.612	2.583.234.248.023	0,18605
POLI	**2023**	480.879.676.725	3.245.188.408.916	0,14818
PUDP	**2019**	109.376.665.349	539.915.871.769	0,20258
PUDP	**2020**	105.514.307.391	521.632.597.211	0,20228
PUDP	**2021**	98.781.452.465	492.003.943.529	0,20077
PUDP	**2022**	94.436.287.662	651.369.072.120	0,14498
PUDP	**2023**	92.302.243.039	532.350.454.070	0,17339
PWON	**2019**	2.075.840.106	26.095.153.343	0,07955
PWON	**2020**	2.355.148.670	26.458.805.377	0,08901
PWON	**2021**	2.318.296.002	28.866.081.129	0,08031
PWON	**2022**	2.326.872.517	30.602.179.916	0,07604
PWON	**2023**	2.576.224.417	32.710.786.983	0,07876
RBMS	**2019**	229.534.488.728	806.591.455.280	0,28457
RBMS	**2020**	322.752.787.801	760.445.865.842	0,42443
RBMS	**2021**	323.365.643.991	771.096.800.598	0,41936
RBMS	**2022**	302.822.412.421	717.606.761.078	0,42199
RBMS	**2023**	282.652.845.146	712.079.911.955	0,39694
RDTX	**2019**	16.032.629.400	2.795.788.452.762	0,00573
RDTX	**2020**	13.550.657.547	2.971.061.771.714	0,00456
RDTX	**2021**	11.440.792.848	3.161.105.356.526	0,00362
RDTX	**2022**	30.561.063.282	3.387.321.004.206	0,00902
RDTX	**2023**	19.550.929.173	3.440.333.041.238	0,00568
REAL	**2019**	23.686.316.417	352.565.515.823	0,06718
REAL	**2020**	22.969.473.586	352.590.228.523	0,06514
REAL	**2021**	21.953.726.644	353.731.723.320	0,06206
REAL	**2022**	20.905.252.607	352.269.524.066	0,05934
REAL	**2023**	19.856.778.567	352.934.080.004	0,05626
RISE	**2019**	546.342.524.101	2.361.421.980.191	0,23136
RISE	**2020**	507.764.208.287	2.362.014.962.050	0,21497
RISE	**2021**	466.637.434.299	2.646.552.344.998	0,17632
RISE	**2022**	438.379.778.423	2.712.160.950.002	0,16163
RISE	**2023**	431.000.265.755	3.210.704.543.066	0,13424
SMDM	**2019**	290.637.988.164	3.213.173.105.916	0,09045
SMDM	**2020**	273.672.474.446	3.201.910.904.021	0,08547
SMDM	**2021**	263.174.344.891	3.303.511.723.151	0,07967
SMDM	**2022**	253.410.149.718	3.423.278.470.836	0,07403

Kode	Tahun	*Fixed Assets*	*Total Assets*	Rasio
SMDM	**2023**	249.665.429.390	3.534.588.823.995	0,07063
SMRA	**2019**	338.338.677.000	24.441.657.276.000	0,01384
SMRA	**2020**	331.695.551.000	24.922.534.224.000	0,01331
SMRA	**2021**	317.846.663.000	26.049.716.678.000	0,01220
SMRA	**2022**	370.444.862.000	28.433.574.878.000	0,01303
SMRA	**2023**	442.052.669.000	31.168.375.086.000	0,01418

LAMPIRAN 4

DAFTAR PERHITUNGAN PERTUMBUHAN PENJUALAN PERUSAHAAN SEKTOR *PROPERTY* DAN *REAL ESTATE* PERIODE 2019-2023

Lampiran : Perhitungan Pertumbuhan Penjualan

Kode	Tahun	*Salesi,t*	*Salesi,t-1*	Rasio
AMAN	**2019**	96.206.544.000	149.140.561.000	-0,35493
AMAN	**2020**	89.548.973.000	96.206.544.000	-0,06920
AMAN	**2021**	100.601.055.000	89.548.973.000	0,12342
AMAN	**2022**	137.940.281.000	100.601.055.000	0,37116
AMAN	**2023**	178.268.259.000	137.940.281.000	0,29236
APLN	**2019**	3.792.475.607.000	5.035.325.429.000	-0,24683
APLN	**2020**	4.956.324.696.000	3.792.475.607.000	0,30688
APLN	**2021**	4.256.245.345.000	4.956.324.696.000	-0,14125
APLN	**2022**	8.663.824.988.000	4.256.245.345.000	1,03556
APLN	**2023**	4.676.651.899.000	8.663.824.988.000	-0,46021
ASRI	**2019**	3.475.677.175.000	3.975.258.160.000	-0,12567
ASRI	**2020**	1.413.251.961.000	3.475.677.175.000	-0,59339
ASRI	**2021**	2.847.323.717.000	1.413.251.961.000	1,01473
ASRI	**2022**	4.493.531.259.000	2.847.323.717.000	0,57816
ASRI	**2023**	3.956.015.546.000	4.493.531.259.000	-0,11962
BAPA	**2019**	24.233.788.566	28.451.499.193	-0,14824
BAPA	**2020**	9.518.983.284	24.233.788.566	-0,60720
BAPA	**2021**	6.194.779.683	9.518.983.284	-0,34922
BAPA	**2022**	3.716.043.983	6.194.779.683	-0,40013
BAPA	**2023**	8.119.901.265	3.716.043.983	1,18509
BCIP	**2019**	131.094.399.577	200.658.519.501	-0,34668
BCIP	**2020**	73.155.228.143	131.094.399.577	-0,44197
BCIP	**2021**	60.409.520.263	73.155.228.143	-0,17423
BCIP	**2022**	93.742.996.267	60.409.520.263	0,55179
BCIP	**2023**	94.302.986.070	93.742.996.267	0,00597
BEST	**2019**	950.545.546.999	962.801.481.480	-0,01273
BEST	**2020**	242.320.700.845	950.545.546.999	-0,74507
BEST	**2021**	229.835.755.986	242.320.700.845	-0,05152
BEST	**2022**	542.834.010.731	229.835.755.986	1,36183
BEST	**2023**	544.314.875.513	542.834.010.731	0,00273
BIPP	**2019**	330.897.278.808	130.613.332.148	1,53341
BIPP	**2020**	529.839.404.669	330.897.278.808	0,60122
BIPP	**2021**	293.991.355.499	529.839.404.669	-0,44513
BIPP	**2022**	327.320.863.485	293.991.355.499	0,11337
BIPP	**2023**	264.064.990.351	327.320.863.485	-0,19325
BKDP	**2019**	35.174.135.994	36.070.319.372	-0,02485
BKDP	**2020**	19.558.738.651	35.174.135.994	-0,44395
BKDP	**2021**	23.401.842.549	19.558.738.651	0,19649
BKDP	**2022**	26.035.856.958	23.401.842.549	0,11256
BKDP	**2023**	31.211.356.619	26.035.856.958	0,19878

Kode	Tahun	*Salesi,t*	*Salesi,t-1*	Rasio
BKSL	**2019**	951.421.027.715	1.316.805.554.419	-0,27748
BKSL	**2020**	451.847.226.952	951.421.027.715	-0,52508
BKSL	**2021**	910.709.348.365	451.847.226.952	1,01552
BKSL	**2022**	672.300.266.688	910.709.348.365	-0,26178
BKSL	**2023**	1.720.160.600.872	672.300.266.688	1,55862
BSDE	**2019**	7.084.864.038.574	6.628.782.185.008	0,06880
BSDE	**2020**	6.180.589.086.059	7.084.864.038.574	-0,12763
BSDE	**2021**	7.654.802.250.986	6.180.589.086.059	0,23852
BSDE	**2022**	10.235.479.955.727	7.654.802.250.986	0,33713
BSDE	**2023**	11.539.141.250.155	10.235.479.955.727	0,12737
CITY	**2019**	121.816.983.447	213.260.534.095	-0,42879
CITY	**2020**	147.796.205.929	121.816.983.447	0,21326
CITY	**2021**	78.583.444.574	147.796.205.929	-0,46830
CITY	**2022**	36.275.071.414	78.583.444.574	-0,53839
CITY	**2023**	89.267.448.894	36.275.071.414	1,46085
CSIS	**2019**	67.878.628.042	31.315.447.390	1,16758
CSIS	**2020**	85.537.603.294	67.878.628.042	0,26016
CSIS	**2021**	83.521.161.705	85.537.603.294	-0,02357
CSIS	**2022**	80.804.762.931	83.521.161.705	-0,03252
CSIS	**2023**	55.985.137.786	80.804.762.931	-0,30716
CTRA	**2019**	7.608.237.000.000	7.670.405.000.000	-0,00810
CTRA	**2020**	8.070.737.000.000	7.608.237.000.000	0,06079
CTRA	**2021**	9.729.651.000.000	8.070.737.000.000	0,20555
CTRA	**2022**	9.126.799.000.000	9.729.651.000.000	-0,06196
CTRA	**2023**	9.245.032.000.000	9.126.799.000.000	0,01295
DART	**2019**	461.440.807.000	379.418.062.000	0,21618
DART	**2020**	324.131.001.000	461.440.807.000	-0,29757
DART	**2021**	290.570.233.000	324.131.001.000	-0,10354
DART	**2022**	330.155.372.000	290.570.233.000	0,13623
DART	**2023**	433.200.487.000	330.155.372.000	0,31211
DILD	**2019**	2.736.388.551.409	2.552.536.173.132	0,07203
DILD	**2020**	2.891.388.396.351	2.736.388.551.409	0,05664
DILD	**2021**	2.628.631.841.339	2.891.388.396.351	-0,09088
DILD	**2022**	3.148.754.966.275	2.628.631.841.339	0,19787
DILD	**2023**	3.906.826.399.192	3.148.754.966.275	0,24075
DMAS	**2019**	2.650.255.153.377	1.036.229.521.794	1,55759
DMAS	**2020**	2.629.300.300.189	2.650.255.153.377	-0,00791
DMAS	**2021**	1.440.736.819.516	2.629.300.300.189	-0,45205
DMAS	**2022**	1.932.425.763.139	1.440.736.819.516	0,34128
DMAS	**2023**	1.921.421.675.246	1.932.425.763.139	-0,00569
DUTI	**2019**	2.459.812.000.000	2.225.705.000.000	0,10518
DUTI	**2020**	2.225.705.000.000	2.459.812.000.000	-0,09517

Kode	Tahun	*Salesi,t*	*Salesi,t-1*	Rasio
DUTI	**2021**	2.177.784.000.000	2.225.705.000.000	-0,02153
DUTI	**2022**	3.017.086.000.000	2.177.784.000.000	0,38539
DUTI	**2023**	3.862.424.155.689	3.017.086.000.000	0,28018
ELTY	**2019**	977.548.208.323	1.096.389.373.607	-0,10839
ELTY	**2020**	616.211.000.000	977.548.208.323	-0,36964
ELTY	**2021**	784.410.000.000	616.211.000.000	0,27296
ELTY	**2022**	1.027.232.000.000	784.410.000.000	0,30956
ELTY	**2023**	1.273.390.000.000	1.027.232.000.000	0,23963
EMDE	**2019**	165.189.625.230	227.645.690.310	-0,27436
EMDE	**2020**	85.684.403.962	165.189.625.230	-0,48130
EMDE	**2021**	173.510.721.755	85.684.403.962	1,02500
EMDE	**2022**	153.441.610.795	173.510.721.755	-0,11566
EMDE	**2023**	154.587.592.125	153.441.610.795	0,00747
FMII	**2019**	84.249.947.508	43.232.413.637	0,94877
FMII	**2020**	51.320.798.915	84.249.947.508	-0,39085
FMII	**2021**	52.738.265.883	51.320.798.915	0,02762
FMII	**2022**	52.372.680.139	52.738.265.883	-0,00693
FMII	**2023**	42.580.151.783	52.372.680.139	-0,18698
GPRA	**2019**	397.699.225.488	435.573.970.378	-0,08695
GPRA	**2020**	323.797.082.016	397.699.225.488	-0,18582
GPRA	**2021**	446.749.184.612	323.797.082.016	0,37972
GPRA	**2022**	370.376.407.242	446.749.184.612	-0,17095
GPRA	**2023**	459.530.105.155	370.376.407.242	0,24071
INPP	**2019**	900.208.787.095	770.398.351.932	0,16850
INPP	**2020**	397.049.609.531	900.208.787.095	-0,55894
INPP	**2021**	427.677.089.386	397.049.609.531	0,07714
INPP	**2022**	955.541.184.718	427.677.089.386	1,23426
INPP	**2023**	1.104.710.911.002	955.541.184.718	0,15611
JRPT	**2019**	2.423.269.696.000	2.330.550.693.000	0,03978
JRPT	**2020**	2.184.941.986.000	2.423.269.696.000	-0,09835
JRPT	**2021**	2.174.343.050.000	2.184.941.986.000	-0,00485
JRPT	**2022**	2.258.974.450.000	2.174.343.050.000	0,03892
JRPT	**2023**	2.503.645.371.000	2.258.974.450.000	0,10831
KBAG	**2019**	24.489.411.540	11.749.382.507	1,08431
KBAG	**2020**	33.167.727.826	24.489.411.540	0,35437
KBAG	**2021**	39.083.155.931	33.167.727.826	0,17835
KBAG	**2022**	77.358.766.402	39.083.155.931	0,97934
KBAG	**2023**	31.406.084.416	77.358.766.402	-0,59402
KIJA	**2019**	2.253.944.326.651	2.711.870.473.438	-0,16886
KIJA	**2020**	2.396.086.017.034	2.253.944.326.651	0,06306
KIJA	**2021**	2.490.256.211.002	2.396.086.017.034	0,03930
KIJA	**2022**	2.720.261.372.934	2.490.256.211.002	0,09236

Kode	Tahun	*Salesi,t*	*Salesi,t-1*	Rasio
KIJA	**2023**	3.291.891.181.655	2.720.261.372.934	0,21014
LPCK	**2019**	1.694.809.000.000	2.209.581.000.000	-0,23297
LPCK	**2020**	1.844.373.000.000	1.694.809.000.000	0,08825
LPCK	**2021**	1.844.739.000.000	1.844.373.000.000	0,00020
LPCK	**2022**	1.267.725.000.000	1.844.739.000.000	-0,31279
LPCK	**2023**	1.075.474.000.000	1.267.725.000.000	-0,15165
LPKR	**2019**	12.320.248.000.000	11.452.799.000.000	0,07574
LPKR	**2020**	11.966.299.000.000	12.320.248.000.000	-0,02873
LPKR	**2021**	16.529.816.000.000	11.966.299.000.000	0,38136
LPKR	**2022**	14.808.570.000.000	16.529.816.000.000	-0,10413
LPKR	**2023**	16.990.094.000.000	14.808.570.000.000	0,14731
MKPI	**2019**	1.872.934.497.082	2.217.086.119.506	-0,15523
MKPI	**2020**	1.219.793.949.348	1.872.934.497.082	-0,34873
MKPI	**2021**	1.318.001.428.423	1.219.793.949.348	0,08051
MKPI	**2022**	1.950.931.780.269	1.318.001.428.423	0,48022
MKPI	**2023**	2.327.212.740.306	1.950.931.780.269	0,19287
MMLP	**2019**	333.987.373.000	299.234.087.000	0,11614
MMLP	**2020**	336.776.801.000	333.987.373.000	0,00835
MMLP	**2021**	316.572.333.000	336.776.801.000	-0,05999
MMLP	**2022**	334.523.481.000	316.572.333.000	0,05670
MMLP	**2023**	348.348.965.000	334.523.481.000	0,04133
MPRO	**2019**	172.845.413.000	42.419.068.000	3,07471
MPRO	**2020**	127.195.488.000	172.845.413.000	-0,26411
MPRO	**2021**	66.958.886.000	127.195.488.000	-0,47357
MPRO	**2022**	14.462.704.000	66.958.886.000	-0,78401
MPRO	**2023**	5.458.044.000	14.462.704.000	-0,62261
MTLA	**2019**	1.403.758.000.000	1.378.862.000.000	0,01806
MTLA	**2020**	1.110.650.000.000	1.403.758.000.000	-0,20880
MTLA	**2021**	1.199.074.000.000	1.110.650.000.000	0,07961
MTLA	**2022**	1.384.828.000.000	1.199.074.000.000	0,15491
MTLA	**2023**	1.704.996.000.000	1.384.828.000.000	0,23120
NASA	**2019**	13.356.862.757	16.297.795.249	-0,18045
NASA	**2020**	658.372.961	13.356.862.757	-0,95071
NASA	**2021**	4.235.194.746	658.372.961	5,43282
NASA	**2022**	14.258.055.710	4.235.194.746	2,36656
NASA	**2023**	14.921.808.997	14.258.055.710	0,04655
OMRE	**2019**	158.627.073.228	156.507.546.904	0,01354
OMRE	**2020**	72.735.015.093	158.627.073.228	-0,54147
OMRE	**2021**	85.195.697.693	72.735.015.093	0,17132
OMRE	**2022**	88.296.513.447	85.195.697.693	0,03640
OMRE	**2023**	71.374.127.445	88.296.513.447	-0,19165
PAMG	**2019**	72.436.627.133	75.257.759.437	-0,03749

Kode	Tahun	*Salesi,t*	*Salesi,t-1*	Rasio
PAMG	**2020**	48.438.205.011	72.436.627.133	-0,33130
PAMG	**2021**	46.931.553.767	48.438.205.011	-0,03110
PAMG	**2022**	54.825.067.000	46.931.553.767	0,16819
PAMG	**2023**	51.476.967.511	54.825.067.000	-0,06107
PLIN	**2019**	1.477.975.543.000	1.443.832.427.000	0,02365
PLIN	**2020**	927.495.382.000	1.477.975.543.000	-0,37246
PLIN	**2021**	871.499.152.000	927.495.382.000	-0,06037
PLIN	**2022**	1.096.117.308.000	871.499.152.000	0,25774
PLIN	**2023**	1.299.256.143.000	1.096.117.308.000	0,18533
POLI	**2019**	382.098.118.077	408.608.024.988	-0,06488
POLI	**2020**	231.624.097.738	382.098.118.077	-0,39381
POLI	**2021**	203.197.973.528	231.624.097.738	-0,12273
POLI	**2022**	330.487.533.012	203.197.973.528	0,62643
POLI	**2023**	360.929.836.864	330.487.533.012	0,09211
PUDP	**2019**	67.760.136.367	86.467.331.474	-0,21635
PUDP	**2020**	55.610.141.999	67.760.136.367	-0,17931
PUDP	**2021**	55.258.490.602	55.610.141.999	-0,00632
PUDP	**2022**	471.450.188.226	55.258.490.602	7,53172
PUDP	**2023**	37.631.882.193	471.450.188.226	-0,92018
PWON	**2019**	7.202.001.193	7.080.668.385	0,01714
PWON	**2020**	3.977.211.311	7.202.001.193	-0,44776
PWON	**2021**	5.713.272.952	3.977.211.311	0,43650
PWON	**2022**	5.987.432.707	5.713.272.952	0,04799
PWON	**2023**	6.200.438.405	5.987.432.707	0,03558
RBMS	**2019**	94.390.791.317	183.045.980.412	-0,48433
RBMS	**2020**	25.316.005.286	94.390.791.317	-0,73180
RBMS	**2021**	44.538.508.242	25.316.005.286	0,75930
RBMS	**2022**	115.906.538.007	44.538.508.242	1,60239
RBMS	**2023**	179.626.694.402	115.906.538.007	0,54975
RDTX	**2019**	399.418.917.052	400.870.293.046	-0,00362
RDTX	**2020**	400.749.812.577	399.418.917.052	0,00333
RDTX	**2021**	413.584.008.445	400.749.812.577	0,03203
RDTX	**2022**	509.518.139.997	413.584.008.445	0,23196
RDTX	**2023**	533.305.976.033	509.518.139.997	0,04669
REAL	**2019**	10.130.203.636	7.865.363.636	0,28795
REAL	**2020**	12.688.128.000	10.130.203.636	0,25250
REAL	**2021**	23.946.969.756	12.688.128.000	0,88735
REAL	**2022**	6.034.680.552	23.946.969.756	-0,74800
REAL	**2023**	8.367.950.449	6.034.680.552	0,38664
RISE	**2019**	258.598.010.674	251.190.687.395	0,02949
RISE	**2020**	152.198.340.884	258.598.010.674	-0,41145
RISE	**2021**	249.103.324.854	152.198.340.884	0,63670

Kode	Tahun	*Salesi,t*	*Salesi,t-1*	Rasio
RISE	**2022**	319.782.354.630	249.103.324.854	0,28373
RISE	**2023**	279.072.020.902	319.782.354.630	-0,12731
SMDM	**2019**	569.374.430.798	539.302.125.082	0,05576
SMDM	**2020**	386.541.149.828	569.374.430.798	-0,32111
SMDM	**2021**	567.052.209.003	386.541.149.828	0,46699
SMDM	**2022**	566.402.723.465	567.052.209.003	-0,00115
SMDM	**2023**	496.497.903.464	566.402.723.465	-0,12342
SMRA	**2019**	5.941.625.762.000	5.661.360.114.000	0,04951
SMRA	**2020**	5.029.984.099.000	5.941.625.762.000	-0,15343
SMRA	**2021**	5.567.912.577.000	5.029.984.099.000	0,10694
SMRA	**2022**	5.719.396.239.000	5.567.912.577.000	0,02721
SMRA	**2023**	6.658.782.663.000	5.719.396.239.000	0,16425

LAMPIRAN 5

DAFTAR PERHITUNGAN RISIKO BISNIS PERUSAHAAN SEKTOR *PROPERTY* DAN *REAL ESTATE* PERIODE 2019-2023

Lampiran : Perhitungan Risiko Bisnis

Kode	Tahun	EBIT	*Total Asset*	Rasio
AMAN	**2019**	8.690.622.000	728.120.841.000	0,01194
AMAN	**2020**	13.812.113.000	799.397.510.000	0,01728
AMAN	**2021**	23.812.115.000	861.888.870.000	0,02763
AMAN	**2022**	38.962.387.000	966.109.133.000	0,04033
AMAN	**2023**	61.139.969.000	1.085.440.454.000	0,05633
APLN	**2019**	131.221.349.000	29.460.345.080.000	0,00445
APLN	**2020**	207.012.241.000	30.391.359.956.000	0,00681
APLN	**2021**	- 457.626.634.000	29.611.111.193.000	-0,01545
APLN	**2022**	2.324.692.325.000	28.617.781.741.000	0,08123
APLN	**2023**	1.224.809.967.000	28.327.551.612.000	0,04324
ASRI	**2019**	1.111.329.436.000	21.894.272.005.000	0,05076
ASRI	**2020**	- 960.029.370.000	21.226.814.871.000	-0,04523
ASRI	**2021**	158.479.487.000	21.933.974.714.000	0,00723
ASRI	**2022**	1.106.143.111.000	22.298.925.271.000	0,04961
ASRI	**2023**	667.944.857.000	22.236.236.864.000	0,03004
BAPA	**2019**	4.988.429.740	143.136.436.717	0,03485
BAPA	**2020**	- 3.701.922.025	142.306.771.029	-0,02601
BAPA	**2021**	- 2.015.298.510	139.570.998.335	-0,01444
BAPA	**2022**	- 3.683.710.843	135.434.013.488	-0,02720
BAPA	**2023**	- 2.521.769.751	134.862.326.695	-0,01870
BCIP	**2019**	26.401.633.960	867.065.425.451	0,03045
BCIP	**2020**	13.141.300.201	909.264.462.663	0,01445
BCIP	**2021**	2.458.745.163	887.073.065.396	0,00277
BCIP	**2022**	19.307.624.416	884.034.513.122	0,02184
BCIP	**2023**	19.208.966.578	910.632.554.632	0,02109
BEST	**2019**	387.026.062.259	6.399.477.523.890	0,06048
BEST	**2020**	- 113.803.315.040	6.282.180.229.732	-0,01812
BEST	**2021**	- 69.339.589.982	6.046.212.385.412	-0,01147
BEST	**2022**	35.795.636.679	6.078.468.909.026	0,00589
BEST	**2023**	42.667.544.045	5.940.104.349.120	0,00718
BIPP	**2019**	368.065.894	2.167.012.633.198	0,00017
BIPP	**2020**	93.685.271.321	2.126.525.330.314	0,04406
BIPP	**2021**	19.790.732.809	2.044.686.725.854	0,00968
BIPP	**2022**	22.492.778.051	1.888.336.506.757	0,01191
BIPP	**2023**	- 4.256.682.377	1.945.323.867.233	-0,00219
BKDP	**2019**	- 31.089.231.414	830.006.852.234	-0,03746
BKDP	**2020**	- 31.066.668.799	790.840.175.521	-0,03928
BKDP	**2021**	- 35.988.364.313	774.139.598.349	-0,04649
BKDP	**2022**	- 32.926.781.118	756.499.706.863	-0,04353
BKDP	**2023**	- 34.188.318.030	758.238.599.826	-0,04509

Kode	Tahun	EBIT	*Total Asset*	Rasio
BKSL	**2019**	68.107.602.184	17.275.272.609.213	0,00394
BKSL	**2020**	- 554.143.697.854	18.371.229.973.821	-0,03016
BKSL	**2021**	230.374.807.760	16.654.989.338.161	0,01383
BKSL	**2022**	- 165.844.631.767	16.721.760.263.807	-0,00992
BKSL	**2023**	318.899.014.939	19.886.877.883.420	0,01604
BSDE	**2019**	3.165.097.516.458	54.444.849.052.447	0,05813
BSDE	**2020**	496.216.734.944	60.862.926.586.750	0,00815
BSDE	**2021**	1.547.006.489.870	61.469.712.165.656	0,02517
BSDE	**2022**	2.661.691.654.486	64.999.403.480.787	0,04095
BSDE	**2023**	2.269.737.255.284	66.827.648.486.393	0,03396
CITY	**2019**	31.855.971.233	918.879.892.813	0,03467
CITY	**2020**	65.812.343.520	952.922.512.425	0,06906
CITY	**2021**	1.442.150.553	951.332.974.900	0,00152
CITY	**2022**	- 20.825.422.517	933.973.335.744	-0,02230
CITY	**2023**	2.550.345.548	972.729.281.465	0,00262
CSIS	**2019**	- 9.501.092.892	472.484.542.685	-0,02011
CSIS	**2020**	12.757.692.006	538.263.035.994	0,02370
CSIS	**2021**	19.684.446.134	526.136.140.616	0,03741
CSIS	**2022**	26.692.517.807	546.666.448.170	0,04883
CSIS	**2023**	5.732.913.253	548.709.679.878	0,01045
CTRA	**2019**	1.316.858.000.000	36.196.024.000.000	0,03638
CTRA	**2020**	1.427.625.000.000	39.255.187.000.000	0,03637
CTRA	**2021**	2.136.865.000.000	40.668.411.000.000	0,05254
CTRA	**2022**	2.059.942.000.000	41.902.382.000.000	0,04916
CTRA	**2023**	1.967.643.000.000	44.115.215.000.000	0,04460
DART	**2019**	- 281.580.509.000	6.880.951.291.000	-0,04092
DART	**2020**	- 420.123.986.000	6.656.120.982.000	-0,06312
DART	**2021**	- 429.547.204.000	6.604.034.590.000	-0,06504
DART	**2022**	- 425.348.721.000	6.462.680.097.000	-0,06582
DART	**2023**	- 333.446.932.000	6.316.969.636.000	-0,05279
DILD	**2019**	428.100.705.381	14.777.496.292.639	0,02897
DILD	**2020**	31.891.294.122	15.701.872.562.921	0,00203
DILD	**2021**	- 31.231.046.858	16.461.784.737.635	-0,00190
DILD	**2022**	169.019.638.211	16.351.848.378.006	0,01034
DILD	**2023**	749.868.136.382	14.603.908.143.192	0,05135
DMAS	**2019**	1.350.343.016.543	7.616.971.029.620	0,17728
DMAS	**2020**	1.361.300.006.890	6.752.233.240.104	0,20161
DMAS	**2021**	730.898.148.439	6.113.941.603.354	0,11955
DMAS	**2022**	1.238.832.140.678	6.623.414.189.145	0,18704
DMAS	**2023**	1.243.107.683.313	6.718.508.462.422	0,18503
DUTI	**2019**	1.298.474.000.000	13.788.227.000.000	0,09417
DUTI	**2020**	1.133.183.000.000	12.642.896.000.000	0,08963

Kode	Tahun	EBIT	*Total Asset*	Rasio
DUTI	**2021**	731.323.000.000	15.308.923.000.000	0,04777
DUTI	**2022**	848.355.000.000	15.586.178.000.000	0,05443
DUTI	**2023**	1.287.487.828.549	15.131.488.996.266	0,08509
ELTY	**2019**	- 812.144.548.047	12.329.520.357.728	-0,06587
ELTY	**2020**	- 325.250.000.000	11.823.436.000.000	-0,02751
ELTY	**2021**	- 269.129.000.000	11.681.203.000.000	-0,02304
ELTY	**2022**	- 785.009.000.000	9.913.459.000.000	-0,07919
ELTY	**2023**	- 1.117.240.000.000	8.639.053.000.000	-0,12932
EMDE	**2019**	- 34.638.520.599	2.143.944.238.365	-0,01616
EMDE	**2020**	- 56.617.681.066	2.454.054.273.495	-0,02307
EMDE	**2021**	1.061.267.020.904	3.728.638.990.780	0,28463
EMDE	**2022**	- 68.381.092.336	3.743.751.737.058	-0,01827
EMDE	**2023**	- 276.950.329.513	3.519.255.242.883	-0,07870
FMII	**2019**	4.841.104.604	891.866.986.266	0,00543
FMII	**2020**	- 168.731.033	870.707.453.070	-0,00019
FMII	**2021**	9.921.736.515	869.030.674.625	0,01142
FMII	**2022**	18.621.524.594	752.865.843.071	0,02473
FMII	**2023**	18.430.893.510	782.335.410.889	0,02356
GPRA	**2019**	57.005.465.945	1.705.918.986.765	0,03342
GPRA	**2020**	35.550.675.229	1.727.361.676.947	0,02058
GPRA	**2021**	51.128.043.950	1.760.551.462.449	0,02904
GPRA	**2022**	77.391.754.171	1.781.355.644.223	0,04345
GPRA	**2023**	98.128.197.935	1.954.231.417.989	0,05021
INPP	**2019**	2.081.593.664.661	7.989.904.868.957	0,26053
INPP	**2020**	- 510.305.466.541	7.657.106.251.566	-0,06664
INPP	**2021**	- 54.206.954.736	8.745.700.244.235	-0,00620
INPP	**2022**	59.398.193.015	9.163.821.178.882	0,00648
INPP	**2023**	168.201.971.867	9.345.250.655.467	0,01800
JRPT	**2019**	1.055.706.814.000	11.164.935.100.000	0,09456
JRPT	**2020**	1.067.078.595.000	11.481.521.265.000	0,09294
JRPT	**2021**	797.817.044.000	11.748.147.834.000	0,06791
JRPT	**2022**	892.861.723.000	12.251.800.500.000	0,07288
JRPT	**2023**	1.041.176.195.000	13.206.898.387.000	0,07884
KBAG	**2019**	1.908.251.595	251.842.574.686	0,00758
KBAG	**2020**	5.762.674.655	463.491.459.004	0,01243
KBAG	**2021**	1.781.165.720	458.744.601.288	0,00388
KBAG	**2022**	9.376.834.470	443.422.913.606	0,02115
KBAG	**2023**	- 9.384.854.503	433.716.584.132	-0,02164
KIJA	**2019**	173.273.571.156	12.184.611.579.312	0,01422
KIJA	**2020**	37.485.058.742	12.200.175.979.870	0,00307
KIJA	**2021**	100.330.430.110	12.292.090.330.026	0,00816
KIJA	**2022**	48.892.233.242	13.110.459.383.600	0,00373

Kode	Tahun	EBIT	*Total Asset*	Rasio
KIJA	**2023**	567.306.401.270	12.947.435.320.238	0,04382
LPCK	**2019**	422.293.000.000	12.219.228.000.000	0,03456
LPCK	**2020**	- 3.604.406.000.000	9.719.570.000.000	-0,37084
LPCK	**2021**	140.369.000.000	9.134.537.000.000	0,01537
LPCK	**2022**	339.216.000.000	9.349.613.000.000	0,03628
LPCK	**2023**	142.267.000.000	9.681.725.000.000	0,01469
LPKR	**2019**	- 1.665.165.000.000	55.079.585.000.000	-0,03023
LPKR	**2020**	- 2.310.773.000.000	51.865.480.000.000	-0,04455
LPKR	**2021**	- 1.108.251.000.000	52.080.936.000.000	-0,02128
LPKR	**2022**	- 1.893.616.000.000	49.870.897.000.000	-0,03797
LPKR	**2023**	1.264.818.000.000	49.570.824.000.000	0,02552
MKPI	**2019**	569.323.095.024	7.275.234.517.578	0,07825
MKPI	**2020**	195.121.154.261	7.622.918.065.733	0,02560
MKPI	**2021**	301.932.238.477	7.994.282.432.092	0,03777
MKPI	**2022**	695.741.419.620	8.155.939.004.812	0,08530
MKPI	**2023**	858.919.213.769	8.388.738.314.302	0,10239
MMLP	**2019**	273.930.434.000	6.755.553.584.000	0,04055
MMLP	**2020**	- 89.016.678.000	6.726.005.150.000	-0,01323
MMLP	**2021**	362.170.803.000	7.107.303.861.000	0,05096
MMLP	**2022**	194.459.968.000	7.635.870.085.000	0,02547
MMLP	**2023**	114.205.173.000	6.711.972.112.000	0,01702
MPRO	**2019**	31.727.329.000	1.756.570.827.000	0,01806
MPRO	**2020**	12.773.503.000	1.770.238.845.000	0,00722
MPRO	**2021**	- 13.969.360.000	1.762.114.841.000	-0,00793
MPRO	**2022**	- 29.208.883.000	1.725.176.255.000	-0,01693
MPRO	**2023**	- 38.956.228.000	1.710.197.826.000	-0,02278
MTLA	**2019**	490.462.000.000	6.107.364.000.000	0,08031
MTLA	**2020**	286.448.000.000	5.932.483.000.000	0,04828
MTLA	**2021**	382.778.000.000	6.409.548.000.000	0,05972
MTLA	**2022**	419.425.000.000	6.735.895.000.000	0,06227
MTLA	**2023**	492.910.000.000	7.220.711.000.000	0,06826
NASA	**2019**	- 548.729.615	1.143.270.654.349	-0,00048
NASA	**2020**	- 6.527.051.485	1.135.507.968.087	-0,00575
NASA	**2021**	- 4.933.144.785	1.133.852.216.949	-0,00435
NASA	**2022**	- 279.278.890	1.129.527.346.470	-0,00025
NASA	**2023**	6.340.233.341	1.125.838.109.607	0,00563
OMRE	**2019**	- 61.329.484.354	4.234.319.812.443	-0,01448
OMRE	**2020**	- 214.150.769.854	4.133.988.674.027	-0,05180
OMRE	**2021**	- 169.608.815.600	4.109.123.842.700	-0,04128
OMRE	**2022**	- 235.534.714.310	3.989.682.804.521	-0,05904
OMRE	**2023**	- 162.617.688.782	4.014.581.267.198	-0,04051
PAMG	**2019**	6.883.004.116	582.636.888.840	0,01181

Kode	Tahun	EBIT	*Total Asset*	Rasio
PAMG	**2020**	- 5.285.196.248	582.806.214.350	-0,00907
PAMG	**2021**	- 10.438.077.547	583.578.892.476	-0,01789
PAMG	**2022**	- 3.121.440.219	582.565.037.552	-0,00536
PAMG	**2023**	472.655.803	582.636.888.840	0,00081
PLIN	**2019**	623.206.426.000	12.548.031.316.000	0,04967
PLIN	**2020**	- 596.472.722.000	11.815.911.491.000	-0,05048
PLIN	**2021**	503.634.642.000	11.971.692.555.000	0,04207
PLIN	**2022**	579.356.012.000	12.369.620.391.000	0,04684
PLIN	**2023**	646.618.826.000	12.242.514.110.000	0,05282
POLI	**2019**	59.964.489.672	2.325.578.782.725	0,02578
POLI	**2020**	9.962.906.798	2.473.039.414.917	0,00403
POLI	**2021**	32.640.595.727	2.440.573.927.925	0,01337
POLI	**2022**	179.671.945.180	2.583.234.248.023	0,06955
POLI	**2023**	114.561.287.169	3.245.188.408.916	0,03530
PUDP	**2019**	5.014.715.656	539.915.871.769	0,00929
PUDP	**2020**	- 19.197.564.905	521.632.597.211	-0,03680
PUDP	**2021**	- 14.614.332.242	492.003.943.529	-0,02970
PUDP	**2022**	290.177.284.148	651.369.072.120	0,44549
PUDP	**2023**	131.982.255	532.350.454.070	0,00025
PWON	**2019**	3.270.697.901	26.095.153.343	0,12534
PWON	**2020**	1.148.979.421	26.458.805.377	0,04343
PWON	**2021**	1.564.246.044	28.866.081.129	0,05419
PWON	**2022**	1.840.056.301	30.602.179.916	0,06013
PWON	**2023**	2.401.827.599	32.710.786.983	0,07343
RBMS	**2019**	- 17.987.504.451	806.591.455.280	-0,02230
RBMS	**2020**	- 43.989.247.732	760.445.865.842	-0,05785
RBMS	**2021**	- 22.364.117.769	771.096.800.598	-0,02900
RBMS	**2022**	- 37.124.911.702	717.606.761.078	-0,05173
RBMS	**2023**	- 19.885.390.475	712.079.911.955	-0,02793
RDTX	**2019**	233.356.814.398	2.795.788.452.762	0,08347
RDTX	**2020**	236.955.002.130	2.971.061.771.714	0,07975
RDTX	**2021**	196.384.936.622	3.161.105.356.526	0,06213
RDTX	**2022**	272.103.914.200	3.387.321.004.206	0,08033
RDTX	**2023**	303.752.187.096	3.440.333.041.238	0,08829
REAL	**2019**	1.382.879.694	352.565.515.823	0,00392
REAL	**2020**	1.022.961.976	352.590.228.523	0,00290
REAL	**2021**	1.266.587.627	353.731.723.320	0,00358
REAL	**2022**	167.069.190	352.269.524.066	0,00047
REAL	**2023**	177.770.573	352.934.080.004	0,00050
RISE	**2019**	6.869.990.303	2.361.421.980.191	0,00291
RISE	**2020**	- 38.991.108.117	2.362.014.962.050	-0,01651
RISE	**2021**	41.098.676.994	2.646.552.344.998	0,01553

Kode	Tahun	EBIT	*Total Asset*	Rasio
RISE	**2022**	35.980.065.485	2.712.160.950.002	0,01327
RISE	**2023**	15.746.602.377	3.210.704.543.066	0,00490
SMDM	**2019**	73.331.309.607	3.213.173.105.916	0,02282
SMDM	**2020**	18.502.546.881	3.201.910.904.021	0,00578
SMDM	**2021**	119.289.897.200	3.303.511.723.151	0,03611
SMDM	**2022**	181.421.560.158	3.423.278.470.836	0,05300
SMDM	**2023**	98.746.542.568	3.534.588.823.995	0,02794
SMRA	**2019**	653.034.715.000	24.441.657.276.000	0,02672
SMRA	**2020**	243.288.162.000	24.922.534.224.000	0,00976
SMRA	**2021**	546.961.720.000	26.049.716.678.000	0,02100
SMRA	**2022**	774.649.362.000	28.433.574.878.000	0,02724
SMRA	**2023**	1.058.191.544.000	31.168.375.086.000	0,03395

LAMPIRAN 6

TRANSFORMASI DATA STRUKTUR MODAL SEKTOR *PROPERTY* DAN *REAL ESTATE* PERIODE 2019-2023

Lampiran : Transformasi Data Struktur Modal

Kode	Tahun	SrM	SSrM	DSSrM
AMAN	**2019**	0,41683	0,64562	NA
AMAN	**2020**	0,35250	0,59372	-0,05191
AMAN	**2021**	0,39169	0,62585	0,03214
AMAN	**2022**	0,47959	0,69252	0,06667
AMAN	**2023**	0,52978	0,72786	0,03534
APLN	**2019**	1,29514	1,13804	NA
APLN	**2020**	1,67642	1,29477	0,15672
APLN	**2021**	1,80946	1,34516	0,05040
APLN	**2022**	1,29501	1,13799	-0,20718
APLN	**2023**	1,10592	1,05163	-0,08636
ASRI	**2019**	1,07289	1,03580	NA
ASRI	**2020**	1,26150	1,12317	0,08737
ASRI	**2021**	1,30010	1,14022	0,01705
ASRI	**2022**	1,09525	1,04654	-0,09368
ASRI	**2023**	0,97284	0,98633	-0,06021
BAPA	**2019**	0,05550	0,23558	NA
BAPA	**2020**	0,06035	0,24565	0,01008
BAPA	**2021**	0,05416	0,23273	-0,01293
BAPA	**2022**	0,05114	0,22614	-0,00659
BAPA	**2023**	0,07204	0,26840	0,04226
BCIP	**2019**	0,99999	0,99999	NA
BCIP	**2020**	1,03601	1,01784	0,01785
BCIP	**2021**	0,98584	0,99290	-0,02495
BCIP	**2022**	0,90629	0,95199	-0,04090
BCIP	**2023**	0,89321	0,94510	-0,00690
BEST	**2019**	0,43205	0,65731	NA
BEST	**2020**	0,44197	0,66481	0,00750
BEST	**2021**	0,40809	0,63882	-0,02599
BEST	**2022**	0,40429	0,63584	-0,00299
BEST	**2023**	0,35998	0,59998	-0,03586
BIPP	**2019**	0,93223	0,96552	NA
BIPP	**2020**	0,76191	0,87287	-0,09265
BIPP	**2021**	0,77013	0,87757	0,00469
BIPP	**2022**	0,74531	0,86331	-0,01426
BIPP	**2023**	0,84666	0,92014	0,05683
BKDP	**2019**	0,62303	0,78933	NA
BKDP	**2020**	0,64303	0,80189	0,01257
BKDP	**2021**	0,73355	0,85647	0,05458
BKDP	**2022**	0,83063	0,91139	0,05492
BKDP	**2023**	0,98540	0,99267	0,08128

Kode	Tahun	SrM	SSrM	DSSrM
BKSL	**2019**	0,61498	0,78420	NA
BKSL	**2020**	0,79230	0,89011	0,10591
BKSL	**2021**	0,58830	0,76701	-0,12310
BKSL	**2022**	0,61982	0,78729	0,02028
BKSL	**2023**	0,31344	0,55986	-0,22743
BSDE	**2019**	0,62292	0,78925	NA
BSDE	**2020**	0,76562	0,87500	0,08575
BSDE	**2021**	0,71255	0,84413	-0,03087
BSDE	**2022**	0,70847	0,84171	-0,00242
BSDE	**2023**	0,62197	0,78865	-0,05306
CITY	**2019**	0,13903	0,37287	NA
CITY	**2020**	0,09234	0,30387	-0,06900
CITY	**2021**	0,08806	0,29675	-0,00713
CITY	**2022**	0,09283	0,30468	0,00793
CITY	**2023**	0,13425	0,36639	0,06172
CSIS	**2019**	1,28925	1,13545	NA
CSIS	**2020**	1,00818	1,00408	-0,13137
CSIS	**2021**	0,83337	0,91289	-0,09119
CSIS	**2022**	0,76090	0,87230	-0,04060
CSIS	**2023**	0,73620	0,85802	-0,01428
CTRA	**2019**	1,03788	1,01877	NA
CTRA	**2020**	1,24861	1,11741	0,09865
CTRA	**2021**	1,09694	1,04735	-0,07007
CTRA	**2022**	1,00366	1,00183	-0,04552
CTRA	**2023**	0,94987	0,97461	-0,02722
DART	**2019**	1,07562	1,03712	NA
DART	**2020**	1,28410	1,13318	0,09606
DART	**2021**	1,63814	1,27990	0,14672
DART	**2022**	2,10356	1,45036	0,17046
DART	**2023**	2,63351	1,62281	0,17245
DILD	**2019**	1,04254	1,02105	NA
DILD	**2020**	1,59567	1,26320	0,24215
DILD	**2021**	1,72901	1,31492	0,05172
DILD	**2022**	1,63075	1,27701	-0,03791
DILD	**2023**	1,23329	1,11054	-0,16647
DMAS	**2019**	0,17261	0,41546	NA
DMAS	**2020**	0,22145	0,47058	0,05512
DMAS	**2021**	0,14254	0,37755	-0,09304
DMAS	**2022**	0,15700	0,39623	0,01868
DMAS	**2023**	0,14253	0,37753	-0,01870
DUTI	**2019**	0,30191	0,54946	NA
DUTI	**2020**	0,34286	0,58554	0,03608

Kode	Tahun	SrM	SSrM	DSSrM
DUTI	**2021**	0,39661	0,62977	0,04423
DUTI	**2022**	0,42649	0,65306	0,02329
DUTI	**2023**	0,32027	0,56593	-0,08714
ELTY	**2019**	0,39950	0,63206	NA
ELTY	**2020**	0,40158	0,63370	0,00164
ELTY	**2021**	0,43369	0,65855	0,02485
ELTY	**2022**	0,36891	0,60738	-0,05117
ELTY	**2023**	0,40902	0,63955	0,03217
EMDE	**2019**	1,77630	1,33278	NA
EMDE	**2020**	3,47525	1,86420	0,53142
EMDE	**2021**	1,19985	1,09538	-0,76883
EMDE	**2022**	1,30207	1,14108	0,04571
EMDE	**2023**	1,59157	1,26158	0,12049
FMII	**2019**	0,42138	0,64913	NA
FMII	**2020**	0,39272	0,62668	-0,02246
FMII	**2021**	0,36705	0,60585	-0,02083
FMII	**2022**	0,15471	0,39333	-0,21252
FMII	**2023**	0,16885	0,41092	0,01759
GPRA	**2019**	0,50600	0,71133	NA
GPRA	**2020**	0,64003	0,80002	0,08869
GPRA	**2021**	0,59194	0,76938	-0,03064
GPRA	**2022**	0,51155	0,71523	-0,05415
GPRA	**2023**	0,54076	0,73536	0,02014
INPP	**2019**	0,26190	0,51176	NA
INPP	**2020**	0,32659	0,57148	0,05971
INPP	**2021**	0,52945	0,72764	0,15616
INPP	**2022**	0,59652	0,77234	0,04471
INPP	**2023**	0,57637	0,75919	-0,01315
JRPT	**2019**	0,50827	0,71293	NA
JRPT	**2020**	0,45796	0,67672	-0,03620
JRPT	**2021**	0,44082	0,66394	-0,01278
JRPT	**2022**	0,41934	0,64756	-0,01638
JRPT	**2023**	0,42456	0,65159	0,00402
KBAG	**2019**	0,45105	0,67160	NA
KBAG	**2020**	0,21189	0,46032	-0,21129
KBAG	**2021**	0,20247	0,44997	-0,01035
KBAG	**2022**	0,13690	0,37000	-0,07997
KBAG	**2023**	0,11438	0,33820	-0,03180
KIJA	**2019**	0,93191	0,96536	NA
KIJA	**2020**	0,94883	0,97408	0,00872
KIJA	**2021**	0,92908	0,96389	-0,01019
KIJA	**2022**	1,01533	1,00763	0,04375

Kode	Tahun	SrM	SSrM	DSSrM
KIJA	**2023**	0,86795	0,93164	-0,07600
LPCK	**2019**	0,12283	0,35047	NA
LPCK	**2020**	0,47733	0,69089	0,34042
LPCK	**2021**	0,42572	0,65248	-0,03841
LPCK	**2022**	0,39647	0,62966	-0,02282
LPCK	**2023**	0,42560	0,65238	0,02272
LPKR	**2019**	0,60225	0,77605	NA
LPKR	**2020**	1,20015	1,09551	0,31946
LPKR	**2021**	1,31615	1,14724	0,05172
LPKR	**2022**	1,60560	1,26712	0,11989
LPKR	**2023**	1,52829	1,23624	-0,03088
MKPI	**2019**	0,32190	0,56737	NA
MKPI	**2020**	0,35946	0,59955	0,03219
MKPI	**2021**	0,36974	0,60806	0,00851
MKPI	**2022**	0,26850	0,51817	-0,08990
MKPI	**2023**	0,22440	0,47370	-0,04446
MMLP	**2019**	0,20061	0,44789	NA
MMLP	**2020**	0,16719	0,40889	-0,03900
MMLP	**2021**	0,15428	0,39278	-0,01611
MMLP	**2022**	0,23483	0,48459	0,09181
MMLP	**2023**	0,47549	0,68956	0,20497
MPRO	**2019**	0,29139	0,53981	NA
MPRO	**2020**	0,29363	0,54188	0,00208
MPRO	**2021**	0,30084	0,54849	0,00661
MPRO	**2022**	0,30151	0,54909	0,00061
MPRO	**2023**	0,32931	0,57385	0,02476
MTLA	**2019**	0,58639	0,76576	NA
MTLA	**2020**	0,45513	0,67463	-0,09113
MTLA	**2021**	0,45467	0,67430	-0,00034
MTLA	**2022**	0,41669	0,64552	-0,02878
MTLA	**2023**	0,40231	0,63428	-0,01123
NASA	**2019**	0,05530	0,23516	NA
NASA	**2020**	0,05449	0,23343	-0,00173
NASA	**2021**	0,05780	0,24041	0,00698
NASA	**2022**	0,05404	0,23246	-0,00795
NASA	**2023**	0,04442	0,21075	-0,02171
OMRE	**2019**	0,11807	0,34361	NA
OMRE	**2020**	0,16453	0,40562	0,06201
OMRE	**2021**	0,21370	0,46227	0,05665
OMRE	**2022**	0,26174	0,51160	0,04933
OMRE	**2023**	0,11417	0,33789	-0,17372
PAMG	**2019**	0,32993	0,57440	NA

Kode	Tahun	SrM	SSrM	DSSrM
PAMG	**2020**	0,33851	0,58182	0,00742
PAMG	**2021**	0,36983	0,60814	0,02632
PAMG	**2022**	0,37785	0,61469	0,00655
PAMG	**2023**	0,37666	0,61372	-0,00097
PLIN	**2019**	0,08401	0,28984	NA
PLIN	**2020**	0,10910	0,33031	0,04046
PLIN	**2021**	0,10875	0,32977	-0,00053
PLIN	**2022**	0,11992	0,34630	0,01652
PLIN	**2023**	0,12427	0,35253	0,00623
POLI	**2019**	0,38789	0,62281	NA
POLI	**2020**	0,46112	0,67906	0,05625
POLI	**2021**	0,40931	0,63977	-0,03929
POLI	**2022**	0,35950	0,59958	-0,04019
POLI	**2023**	0,62208	0,78872	0,18914
PUDP	**2019**	0,58292	0,76349	NA
PUDP	**2020**	0,64370	0,80231	0,03882
PUDP	**2021**	0,63208	0,79504	-0,00728
PUDP	**2022**	0,12066	0,34736	-0,44768
PUDP	**2023**	0,03044	0,17447	-0,17289
PWON	**2019**	0,44207	0,66488	NA
PWON	**2020**	0,50345	0,70954	0,04466
PWON	**2021**	0,50513	0,71073	0,00118
PWON	**2022**	0,47706	0,69070	-0,02003
PWON	**2023**	0,43498	0,65953	-0,03117
RBMS	**2019**	0,33469	0,57852	NA
RBMS	**2020**	0,35855	0,59879	0,02027
RBMS	**2021**	0,38651	0,62170	0,02291
RBMS	**2022**	0,38356	0,61932	-0,00237
RBMS	**2023**	0,42919	0,65513	0,03580
RDTX	**2019**	0,10737	0,32768	NA
RDTX	**2020**	0,08566	0,29267	-0,03501
RDTX	**2021**	0,08828	0,29713	0,00446
RDTX	**2022**	0,13954	0,37355	0,07643
RDTX	**2023**	0,19241	0,43864	0,06509
REAL	**2019**	0,01061	0,10300	NA
REAL	**2020**	0,00745	0,08634	-0,01666
REAL	**2021**	0,00710	0,08424	-0,00210
REAL	**2022**	0,00232	0,04814	-0,03610
REAL	**2023**	0,00355	0,05955	0,01142
RISE	**2019**	0,25401	0,50400	NA
RISE	**2020**	0,28533	0,53416	0,03017
RISE	**2021**	0,16804	0,40993	-0,12423

Kode	Tahun	SrM	SSrM	DSSrM
RISE	**2022**	0,17847	0,42246	0,01253
RISE	**2023**	0,31694	0,56298	0,14051
SMDM	**2019**	0,22467	0,47400	NA
SMDM	**2020**	0,20918	0,45736	-0,01664
SMDM	**2021**	0,18852	0,43419	-0,02317
SMDM	**2022**	0,15678	0,39596	-0,03823
SMDM	**2023**	0,15572	0,39462	-0,00134
SMRA	**2019**	1,58605	1,25938	NA
SMRA	**2020**	1,74305	1,32025	0,06086
SMRA	**2021**	1,31961	1,14874	-0,17151
SMRA	**2022**	1,41987	1,19158	0,04284
SMRA	**2023**	1,53338	1,23830	0,04672

LAMPIRAN 7

TABULASI DATA

Lampiran : Tabulasi Data

Kode	Tahun	SrM	SSrM	DSSrM	AsB	PtP	RsB
AMAN	**2019**	0,41683	0,64562	NA	0,27365	-0,35493	0,01194
AMAN	**2020**	0,35250	0,59372	-0,05191	0,24104	-0,06920	0,01728
AMAN	**2021**	0,39169	0,62585	0,03214	0,21260	0,12342	0,02763
AMAN	**2022**	0,47959	0,69252	0,06667	0,17707	0,37116	0,04033
AMAN	**2023**	0,52978	0,72786	0,03534	0,20145	0,29236	0,05633
APLN	**2019**	1,29514	1,13804	NA	0,12417	-0,24683	0,00445
APLN	**2020**	1,67642	1,29477	0,15672	0,12870	0,30688	0,00681
APLN	**2021**	1,80946	1,34516	0,05040	0,12952	-0,14125	-0,01545
APLN	**2022**	1,29501	1,13799	-0,20718	0,12719	1,03556	0,08123
APLN	**2023**	1,10592	1,05163	-0,08636	0,12113	-0,46021	0,04324
ASRI	**2019**	1,07289	1,03580	NA	0,05930	-0,12567	0,05076
ASRI	**2020**	1,26150	1,12317	0,08737	0,05933	-0,59339	-0,04523
ASRI	**2021**	1,30010	1,14022	0,01705	0,05506	1,01473	0,00723
ASRI	**2022**	1,09525	1,04654	-0,09368	0,05389	0,57816	0,04961
ASRI	**2023**	0,97284	0,98633	-0,06021	0,05508	-0,11962	0,03004
BAPA	**2019**	0,05550	0,23558	NA	0,00974	-0,14824	0,03485
BAPA	**2020**	0,06035	0,24565	0,01008	0,00650	-0,60720	-0,02601
BAPA	**2021**	0,05416	0,23273	-0,01293	0,00312	-0,34922	-0,01444
BAPA	**2022**	0,05114	0,22614	-0,00659	0,00033	-0,40013	-0,02720
BAPA	**2023**	0,07204	0,26840	0,04226	0,00015	1,18509	-0,01870
BCIP	**2019**	0,99999	0,99999	NA	0,04036	-0,34668	0,03045
BCIP	**2020**	1,03601	1,01784	0,01785	0,04319	-0,44197	0,01445
BCIP	**2021**	0,98584	0,99290	-0,02495	0,02241	-0,17423	0,00277
BCIP	**2022**	0,90629	0,95199	-0,04090	0,02429	0,55179	0,02184
BCIP	**2023**	0,89321	0,94510	-0,00690	0,03314	0,00597	0,02109
BEST	**2019**	0,43205	0,65731	NA	0,02897	-0,01273	0,06048
BEST	**2020**	0,44197	0,66481	0,00750	0,02590	-0,74507	-0,01812
BEST	**2021**	0,40809	0,63882	-0,02599	0,02575	-0,05152	-0,01147
BEST	**2022**	0,40429	0,63584	-0,00299	0,02433	1,36183	0,00589
BEST	**2023**	0,35998	0,59998	-0,03586	0,02279	0,00273	0,00718
BIPP	**2019**	0,93223	0,96552	NA	0,07292	1,53341	0,00017
BIPP	**2020**	0,76191	0,87287	-0,09265	0,08372	0,60122	0,04406
BIPP	**2021**	0,77013	0,87757	0,00469	0,08577	-0,44513	0,00968
BIPP	**2022**	0,74531	0,86331	-0,01426	0,12523	0,11337	0,01191
BIPP	**2023**	0,84666	0,92014	0,05683	0,13397	-0,19325	-0,00219
BKDP	**2019**	0,62303	0,78933	NA	0,00875	-0,02485	-0,03746
BKDP	**2020**	0,64303	0,80189	0,01257	0,00646	-0,44395	-0,03928
BKDP	**2021**	0,73355	0,85647	0,05458	0,00501	0,19649	-0,04649
BKDP	**2022**	0,83063	0,91139	0,05492	0,00407	0,11256	-0,04353
BKDP	**2023**	0,98540	0,99267	0,08128	0,00316	0,19878	-0,04509

Kode	Tahun	SrM	SSrM	DSSrM	AsB	PtP	RsB
BKSL	**2019**	0,61498	0,78420	NA	0,01206	-0,27748	0,00394
BKSL	**2020**	0,79230	0,89011	0,10591	0,01045	-0,52508	-0,03016
BKSL	**2021**	0,58830	0,76701	-0,12310	0,01172	1,01552	0,01383
BKSL	**2022**	0,61982	0,78729	0,02028	0,01260	-0,26178	-0,00992
BKSL	**2023**	0,31344	0,55986	-0,22743	0,01196	1,55862	0,01604
BSDE	**2019**	0,62292	0,78925	NA	0,01160	0,06880	0,05813
BSDE	**2020**	0,76562	0,87500	0,08575	0,00961	-0,12763	0,00815
BSDE	**2021**	0,71255	0,84413	-0,03087	0,00863	0,23852	0,02517
BSDE	**2022**	0,70847	0,84171	-0,00242	0,00843	0,33713	0,04095
BSDE	**2023**	0,62197	0,78865	-0,05306	0,00796	0,12737	0,03396
CITY	**2019**	0,13903	0,37287	NA	0,00552	-0,42879	0,03467
CITY	**2020**	0,09234	0,30387	-0,06900	0,00474	0,21326	0,06906
CITY	**2021**	0,08806	0,29675	-0,00713	0,00462	-0,46830	0,00152
CITY	**2022**	0,09283	0,30468	0,00793	0,01475	-0,53839	-0,02230
CITY	**2023**	0,13425	0,36639	0,06172	0,03567	1,46085	0,00262
CSIS	**2019**	1,28925	1,13545	NA	0,02211	1,16758	-0,02011
CSIS	**2020**	1,00818	1,00408	-0,13137	0,04870	0,26016	0,02370
CSIS	**2021**	0,83337	0,91289	-0,09119	0,05705	-0,02357	0,03741
CSIS	**2022**	0,76090	0,87230	-0,04060	0,08871	-0,03252	0,04883
CSIS	**2023**	0,73620	0,85802	-0,01428	0,09151	-0,30716	0,01045
CTRA	**2019**	1,03788	1,01877	NA	0,08534	-0,00810	0,03638
CTRA	**2020**	1,24861	1,11741	0,09865	0,06611	0,06079	0,03637
CTRA	**2021**	1,09694	1,04735	-0,07007	0,06157	0,20555	0,05254
CTRA	**2022**	1,00366	1,00183	-0,04552	0,06130	-0,06196	0,04916
CTRA	**2023**	0,94987	0,97461	-0,02722	0,06426	0,01295	0,04460
DART	**2019**	1,07562	1,03712	NA	0,12682	0,21618	-0,04092
DART	**2020**	1,28410	1,13318	0,09606	0,12169	-0,29757	-0,06312
DART	**2021**	1,63814	1,27990	0,14672	0,11503	-0,10354	-0,06504
DART	**2022**	2,10356	1,45036	0,17046	0,10768	0,13623	-0,06582
DART	**2023**	2,63351	1,62281	0,17245	0,10224	0,31211	-0,05279
DILD	**2019**	1,04254	1,02105	NA	0,01576	0,07203	0,02897
DILD	**2020**	1,59567	1,26320	0,24215	0,01359	0,05664	0,00203
DILD	**2021**	1,72901	1,31492	0,05172	0,01446	-0,09088	-0,00190
DILD	**2022**	1,63075	1,27701	-0,03791	0,01046	0,19787	0,01034
DILD	**2023**	1,23329	1,11054	-0,16647	0,02491	0,24075	0,05135
DMAS	**2019**	0,17261	0,41546	NA	0,04065	1,55759	0,17728
DMAS	**2020**	0,22145	0,47058	0,05512	0,04302	-0,00791	0,20161
DMAS	**2021**	0,14254	0,37755	-0,09304	0,05051	-0,45205	0,11955
DMAS	**2022**	0,15700	0,39623	0,01868	0,05713	0,34128	0,18704
DMAS	**2023**	0,14253	0,37753	-0,01870	0,06000	-0,00569	0,18503
DUTI	**2019**	0,30191	0,54946	NA	0,02210	0,10518	0,09417
DUTI	**2020**	0,34286	0,58554	0,03608	0,02509	-0,09517	0,08963

Kode	Tahun	SrM	SSrM	DSSrM	AsB	PtP	RsB
DUTI	**2021**	0,39661	0,62977	0,04423	0,01595	-0,02153	0,04777
DUTI	**2022**	0,42649	0,65306	0,02329	0,01495	0,38539	0,05443
DUTI	**2023**	0,32027	0,56593	-0,08714	0,01499	0,28018	0,08509
ELTY	**2019**	0,39950	0,63206	NA	0,22962	-0,10839	-0,06587
ELTY	**2020**	0,40158	0,63370	0,00164	0,23157	-0,36964	-0,02751
ELTY	**2021**	0,43369	0,65855	0,02485	0,22343	0,27296	-0,02304
ELTY	**2022**	0,36891	0,60738	-0,05117	0,11804	0,30956	-0,07919
ELTY	**2023**	0,40902	0,63955	0,03217	0,01226	0,23963	-0,12932
EMDE	**2019**	1,77630	1,33278	NA	0,01105	-0,27436	-0,01616
EMDE	**2020**	3,47525	1,86420	0,53142	0,00901	-0,48130	-0,02307
EMDE	**2021**	1,19985	1,09538	-0,76883	0,00391	1,02500	0,28463
EMDE	**2022**	1,30207	1,14108	0,04571	0,00332	-0,11566	-0,01827
EMDE	**2023**	1,59157	1,26158	0,12049	0,00328	0,00747	-0,07870
FMII	**2019**	0,42138	0,64913	NA	0,00017	0,94877	0,00543
FMII	**2020**	0,39272	0,62668	-0,02246	0,00039	-0,39085	-0,00019
FMII	**2021**	0,36705	0,60585	-0,02083	0,00025	0,02762	0,01142
FMII	**2022**	0,15471	0,39333	-0,21252	0,00019	-0,00693	0,02473
FMII	**2023**	0,16885	0,41092	0,01759	0,00123	-0,18698	0,02356
GPRA	**2019**	0,50600	0,71133	NA	0,02412	-0,08695	0,03342
GPRA	**2020**	0,64003	0,80002	0,08869	0,02223	-0,18582	0,02058
GPRA	**2021**	0,59194	0,76938	-0,03064	0,02091	0,37972	0,02904
GPRA	**2022**	0,51155	0,71523	-0,05415	0,01972	-0,17095	0,04345
GPRA	**2023**	0,54076	0,73536	0,02014	0,01776	0,24071	0,05021
INPP	**2019**	0,26190	0,51176	NA	0,20827	0,16850	0,26053
INPP	**2020**	0,32659	0,57148	0,05971	0,24769	-0,55894	-0,06664
INPP	**2021**	0,52945	0,72764	0,15616	0,16710	0,07714	-0,00620
INPP	**2022**	0,59652	0,77234	0,04471	0,16431	1,23426	0,00648
INPP	**2023**	0,57637	0,75919	-0,01315	0,17078	0,15611	0,01800
JRPT	**2019**	0,50827	0,71293	NA	0,01344	0,03978	0,09456
JRPT	**2020**	0,45796	0,67672	-0,03620	0,01395	-0,09835	0,09294
JRPT	**2021**	0,44082	0,66394	-0,01278	0,01399	-0,00485	0,06791
JRPT	**2022**	0,41934	0,64756	-0,01638	0,01651	0,03892	0,07288
JRPT	**2023**	0,42456	0,65159	0,00402	0,03819	0,10831	0,07884
KBAG	**2019**	0,45105	0,67160	NA	0,01040	1,08431	0,00758
KBAG	**2020**	0,21189	0,46032	-0,21129	0,00874	0,35437	0,01243
KBAG	**2021**	0,20247	0,44997	-0,01035	0,00780	0,17835	0,00388
KBAG	**2022**	0,13690	0,37000	-0,07997	0,00994	0,97934	0,02115
KBAG	**2023**	0,11438	0,33820	-0,03180	0,01263	-0,59402	-0,02164
KIJA	**2019**	0,93191	0,96536	NA	0,17570	-0,16886	0,01422
KIJA	**2020**	0,94883	0,97408	0,00872	0,16670	0,06306	0,00307
KIJA	**2021**	0,92908	0,96389	-0,01019	0,15851	0,03930	0,00816
KIJA	**2022**	1,01533	1,00763	0,04375	0,15730	0,09236	0,00373

Kode	Tahun	SrM	SSrM	DSSrM	AsB	PtP	RsB
KIJA	**2023**	0,86795	0,93164	-0,07600	0,15804	0,21014	0,04382
LPCK	**2019**	0,12283	0,35047	NA	0,00773	-0,23297	0,03456
LPCK	**2020**	0,47733	0,69089	0,34042	0,00797	0,08825	-0,37084
LPCK	**2021**	0,42572	0,65248	-0,03841	0,00722	0,00020	0,01537
LPCK	**2022**	0,39647	0,62966	-0,02282	0,00570	-0,31279	0,03628
LPCK	**2023**	0,42560	0,65238	0,02272	0,00341	-0,15165	0,01469
LPKR	**2019**	0,60225	0,77605	NA	0,09748	0,07574	-0,03023
LPKR	**2020**	1,20015	1,09551	0,31946	0,16942	-0,02873	-0,04455
LPKR	**2021**	1,31615	1,14724	0,05172	0,21331	0,38136	-0,02128
LPKR	**2022**	1,60560	1,26712	0,11989	0,23041	-0,10413	-0,03797
LPKR	**2023**	1,52829	1,23624	-0,03088	0,23598	0,14731	0,02552
MKPI	**2019**	0,32190	0,56737	NA	0,60975	-0,15523	0,07825
MKPI	**2020**	0,35946	0,59955	0,03219	0,65001	-0,34873	0,02560
MKPI	**2021**	0,36974	0,60806	0,00851	0,64304	0,08051	0,03777
MKPI	**2022**	0,26850	0,51817	-0,08990	0,61346	0,48022	0,08530
MKPI	**2023**	0,22440	0,47370	-0,04446	0,57714	0,19287	0,10239
MMLP	**2019**	0,20061	0,44789	NA	0,00122	0,11614	0,04055
MMLP	**2020**	0,16719	0,40889	-0,03900	0,00033	0,00835	-0,01323
MMLP	**2021**	0,15428	0,39278	-0,01611	0,00024	-0,05999	0,05096
MMLP	**2022**	0,23483	0,48459	0,09181	0,00058	0,05670	0,02547
MMLP	**2023**	0,47549	0,68956	0,20497	0,00092	0,04133	0,01702
MPRO	**2019**	0,29139	0,53981	NA	0,00243	3,07471	0,01806
MPRO	**2020**	0,29363	0,54188	0,00208	0,00195	-0,26411	0,00722
MPRO	**2021**	0,30084	0,54849	0,00661	0,00256	-0,47357	-0,00793
MPRO	**2022**	0,30151	0,54909	0,00061	0,00242	-0,78401	-0,01693
MPRO	**2023**	0,32931	0,57385	0,02476	0,00221	-0,62261	-0,02278
MTLA	**2019**	0,58639	0,76576	NA	0,06307	0,01806	0,08031
MTLA	**2020**	0,45513	0,67463	-0,09113	0,08299	-0,20880	0,04828
MTLA	**2021**	0,45467	0,67430	-0,00034	0,09430	0,07961	0,05972
MTLA	**2022**	0,41669	0,64552	-0,02878	0,10548	0,15491	0,06227
MTLA	**2023**	0,40231	0,63428	-0,01123	0,10602	0,23120	0,06826
NASA	**2019**	0,05530	0,23516	NA	0,04127	-0,18045	-0,00048
NASA	**2020**	0,05449	0,23343	-0,00173	0,04034	-0,95071	-0,00575
NASA	**2021**	0,05780	0,24041	0,00698	0,04152	5,43282	-0,00435
NASA	**2022**	0,05404	0,23246	-0,00795	0,04247	2,36656	-0,00025
NASA	**2023**	0,04442	0,21075	-0,02171	0,04215	0,04655	0,00563
OMRE	**2019**	0,11807	0,34361	NA	0,01498	0,01354	-0,01448
OMRE	**2020**	0,16453	0,40562	0,06201	0,01530	-0,54147	-0,05180
OMRE	**2021**	0,21370	0,46227	0,05665	0,01393	0,17132	-0,04128
OMRE	**2022**	0,26174	0,51160	0,04933	0,01434	0,03640	-0,05904
OMRE	**2023**	0,11417	0,33789	-0,17372	0,01433	-0,19165	-0,04051
PAMG	**2019**	0,32993	0,57440	NA	0,00678	-0,03749	0,01181

Kode	Tahun	SrM	SSrM	DSSrM	AsB	PtP	RsB
PAMG	**2020**	0,33851	0,58182	0,00742	0,00581	-0,33130	-0,00907
PAMG	**2021**	0,36983	0,60814	0,02632	0,00704	-0,03110	-0,01789
PAMG	**2022**	0,37785	0,61469	0,00655	0,00656	0,16819	-0,00536
PAMG	**2023**	0,37666	0,61372	-0,00097	0,00571	-0,06107	0,00081
PLIN	**2019**	0,08401	0,28984	NA	0,03172	0,02365	0,04967
PLIN	**2020**	0,10910	0,33031	0,04046	0,03361	-0,37246	-0,05048
PLIN	**2021**	0,10875	0,32977	-0,00053	0,03959	-0,06037	0,04207
PLIN	**2022**	0,11992	0,34630	0,01652	0,04588	0,25774	0,04684
PLIN	**2023**	0,12427	0,35253	0,00623	0,05501	0,18533	0,05282
POLI	**2019**	0,38789	0,62281	NA	0,23981	-0,06488	0,02578
POLI	**2020**	0,46112	0,67906	0,05625	0,21319	-0,39381	0,00403
POLI	**2021**	0,40931	0,63977	-0,03929	0,20542	-0,12273	0,01337
POLI	**2022**	0,35950	0,59958	-0,04019	0,18605	0,62643	0,06955
POLI	**2023**	0,62208	0,78872	0,18914	0,14818	0,09211	0,03530
PUDP	**2019**	0,58292	0,76349	NA	0,20258	-0,21635	0,00929
PUDP	**2020**	0,64370	0,80231	0,03882	0,20228	-0,17931	-0,03680
PUDP	**2021**	0,63208	0,79504	-0,00728	0,20077	-0,00632	-0,02970
PUDP	**2022**	0,12066	0,34736	-0,44768	0,14498	7,53172	0,44549
PUDP	**2023**	0,03044	0,17447	-0,17289	0,17339	-0,92018	0,00025
PWON	**2019**	0,44207	0,66488	NA	0,07955	0,01714	0,12534
PWON	**2020**	0,50345	0,70954	0,04466	0,08901	-0,44776	0,04343
PWON	**2021**	0,50513	0,71073	0,00118	0,08031	0,43650	0,05419
PWON	**2022**	0,47706	0,69070	-0,02003	0,07604	0,04799	0,06013
PWON	**2023**	0,43498	0,65953	-0,03117	0,07876	0,03558	0,07343
RBMS	**2019**	0,33469	0,57852	NA	0,28457	-0,48433	-0,02230
RBMS	**2020**	0,35855	0,59879	0,02027	0,42443	-0,73180	-0,05785
RBMS	**2021**	0,38651	0,62170	0,02291	0,41936	0,75930	-0,02900
RBMS	**2022**	0,38356	0,61932	-0,00237	0,42199	1,60239	-0,05173
RBMS	**2023**	0,42919	0,65513	0,03580	0,39694	0,54975	-0,02793
RDTX	**2019**	0,10737	0,32768	NA	0,00573	-0,00362	0,08347
RDTX	**2020**	0,08566	0,29267	-0,03501	0,00456	0,00333	0,07975
RDTX	**2021**	0,08828	0,29713	0,00446	0,00362	0,03203	0,06213
RDTX	**2022**	0,13954	0,37355	0,07643	0,00902	0,23196	0,08033
RDTX	**2023**	0,19241	0,43864	0,06509	0,00568	0,04669	0,08829
REAL	**2019**	0,01061	0,10300	NA	0,06718	0,28795	0,00392
REAL	**2020**	0,00745	0,08634	-0,01666	0,06514	0,25250	0,00290
REAL	**2021**	0,00710	0,08424	-0,00210	0,06206	0,88735	0,00358
REAL	**2022**	0,00232	0,04814	-0,03610	0,05934	-0,74800	0,00047
REAL	**2023**	0,00355	0,05955	0,01142	0,05626	0,38664	0,00050
RISE	**2019**	0,25401	0,50400	NA	0,23136	0,02949	0,00291
RISE	**2020**	0,28533	0,53416	0,03017	0,21497	-0,41145	-0,01651
RISE	**2021**	0,16804	0,40993	-0,12423	0,17632	0,63670	0,01553

Kode	Tahun	SrM	SSrM	DSSrM	AsB	PtP	RsB
RISE	**2022**	0,17847	0,42246	0,01253	0,16163	0,28373	0,01327
RISE	**2023**	0,31694	0,56298	0,14051	0,13424	-0,12731	0,00490
SMDM	**2019**	0,22467	0,47400	NA	0,09045	0,05576	0,02282
SMDM	**2020**	0,20918	0,45736	-0,01664	0,08547	-0,32111	0,00578
SMDM	**2021**	0,18852	0,43419	-0,02317	0,07967	0,46699	0,03611
SMDM	**2022**	0,15678	0,39596	-0,03823	0,07403	-0,00115	0,05300
SMDM	**2023**	0,15572	0,39462	-0,00134	0,07063	-0,12342	0,02794
SMRA	**2019**	1,58605	1,25938	NA	0,01384	0,04951	0,02672
SMRA	**2020**	1,74305	1,32025	0,06086	0,01331	-0,15343	0,00976
SMRA	**2021**	1,31961	1,14874	-0,17151	0,01220	0,10694	0,02100
SMRA	**2022**	1,41987	1,19158	0,04284	0,01303	0,02721	0,02724
SMRA	**2023**	1,53338	1,23830	0,04672	0,01418	0,16425	0,03395

LAMPIRAN 8

HASIL OLAH DATA EVIEWS

Lampiran : Hasil Uji Eviews 12

Hasil Statistik Deskriptif Sebelum Transformasi Data

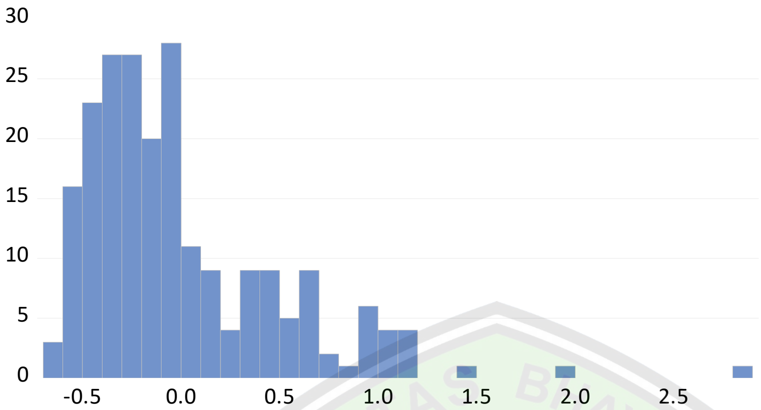
	SRM	ASB	PTP	RSB
Mean	0.584676	0.084520	0.143962	0.019830
Median	0.425083	0.040504	0.025427	0.013320
Maximum	3.475249	0.650012	7.531724	0.445488
Minimum	0.002317	0.000148	-0.950709	-0.370840
Std. Dev.	0.511525	0.117900	0.802910	0.065329
Skewness	1.774655	2.632179	5.291285	1.013892
Kurtosis	7.882809	11.28167	43.04265	17.53676
Jarque-Bera	334.0281	882.7457	15724.54	1974.769
Probability	0.000000	0.000000	0.000000	0.000000
Sum	128.6288	18.59432	31.67173	4.362609
Sum Sq. Dev.	57.30300	3.044203	141.1815	0.934662
Observations	220	220	220	220

Hasil Uji Statistik Deskriptif Sesudah Transformasi Data

	DSSRM	ASB	PTP	RSB
Mean	0.001281	0.084490	0.141682	0.016789
Median	0.001413	0.041834	0.035986	0.011664
Maximum	0.531423	0.650012	7.531724	0.445488
Minimum	-0.768825	0.000148	-0.950709	-0.370840
Std. Dev.	0.113474	0.118623	0.839055	0.066976
Skewness	-1.326757	2.669179	5.504125	0.946650
Kurtosis	18.02075	11.42692	44.29931	18.82012
Jarque-Bera	1706.203	729.7480	13396.64	1861.646
Probability	0.000000	0.000000	0.000000	0.000000
Sum	0.225376	14.87022	24.93608	2.954787
Sum Sq. Dev.	2.253367	2.462483	123.2024	0.785017
Observations	176	176	176	176

Hasil Uji Asumsi Klasik

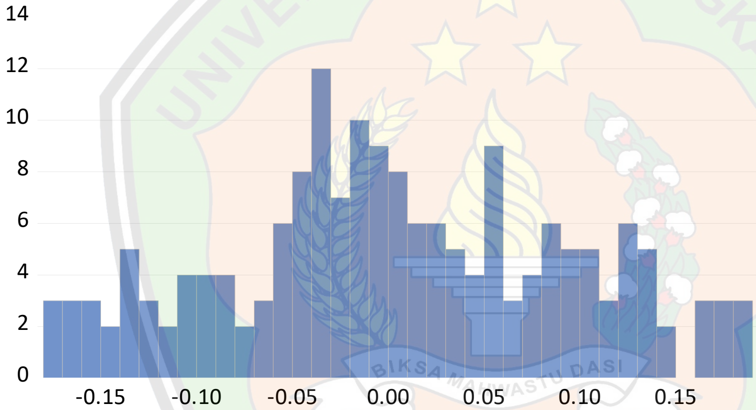
Hasil Uji Normalitas Sebelum Transformasi



Series: Standardized Residuals
Sample 2019 2023
Observations 220

Mean	-1.62e-16
Median	-0.147838
Maximum	2.862073
Minimum	-0.630319
Std. Dev.	0.505866
Skewness	1.712588
Kurtosis	7.690963
Jarque-Bera	309.2555
Probability	0.000000

Hasil Uji Normalitas Setelah Transformasi



Series: Standardized Residuals
Sample 2020 2023
Observations 176

Mean	0.004192
Median	-0.002937
Maximum	0.186820
Minimum	-0.175595
Std. Dev.	0.089541
Skewness	0.007525
Kurtosis	2.332882
Jarque-Bera	3.265338
Probability	0.195407

Hasil Uji Multikolinearitas

	ASB	PTP	RSB
ASB	1.000000	0.011345	0.016492
PTP	0.011345	1.000000	0.345897
RSB	0.016492	0.345897	1.000000

Hasil Uji Heteroskedastisitas

Dependent Variable: ABS(RESID)
Method: Panel Least Squares
Date: 06/20/25 Time: 21:26
Sample (adjusted): 2020 2023
Periods included: 4
Cross-sections included: 44
Total panel (balanced) observations: 176

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.037016	0.004590	8.064227	0.0000
ASB	-0.053880	0.031021	-1.736910	0.0842
PTP	0.000145	0.004765	0.030530	0.9757
RSB	0.094249	0.059600	1.581373	0.1156

Hasil Uji Autokorelasi Sebelum Transformasi Data

Root MSE	0.204253	R-squared	0.062972
Mean dependent var	0.111417	Adjusted R-squared	0.049958
S.D. dependent var	0.211486	S.E. of regression	0.206136
Sum squared resid	9.178278	F-statistic	4.838702
Durbin-Watson stat	1.406394	Prob(F-statistic)	0.002796

Hasil Uji Autokorelasi Sesudah Transformasi Data

Root MSE	0.093003	R-squared	0.324419
Mean dependent var	0.001281	Adjusted R-squared	0.312636
S.D. dependent var	0.113474	S.E. of regression	0.094079
Akaike info criterion	-1.866909	Sum squared resid	1.522332
Schwarz criterion	-1.794852	Log likelihood	168.2880
Hannan-Quinn criter.	-1.837683	F-statistic	27.53188
Durbin-Watson stat	2.038301	Prob(F-statistic)	0.000000

Hasil Uji Pemilihan Model

Hasil Uji *Chow*

Redundant Fixed Effects Tests
Equation: Untitled
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	1.218929	(43,129)	0.1986
Cross-section Chi-square	60.010561	43	0.0440

Hasil Uji Hipotesis

Hasil Uji Parsial (Uji t)

Dependent Variable: DSSRM
Method: Panel Least Squares
Date: 06/20/25 Time: 21:28
Sample (adjusted): 2020 2023
Periods included: 4
Cross-sections included: 44
Total panel (balanced) observations: 176

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.015326	0.008886	1.724779	0.0864
ASB	0.033045	0.060053	0.550262	0.5829
PTP	-0.015631	0.009224	-1.694613	0.0920
RSB	-0.871023	0.115378	-7.549278	0.0000

Hasil Uji Simultan (Uji F)

Root MSE	0.093003	R-squared	0.324419
Mean dependent var	0.001281	Adjusted R-squared	0.312636
S.D. dependent var	0.113474	S.E. of regression	0.094079
Akaike info criterion	-1.866909	Sum squared resid	1.522332
Schwarz criterion	-1.794852	Log likelihood	168.2880
Hannan-Quinn criter.	-1.837683	F-statistic	27.53188
Durbin-Watson stat	2.038301	Prob(F-statistic)	0.000000

Hasil Uji Koefisien Determinasi (R^2)

Root MSE	0.093003	R-squared	0.324419
Mean dependent var	0.001281	Adjusted R-squared	0.312636
S.D. dependent var	0.113474	S.E. of regression	0.094079
Akaike info criterion	-1.866909	Sum squared resid	1.522332
Schwarz criterion	-1.794852	Log likelihood	168.2880
Hannan-Quinn criter.	-1.837683	F-statistic	27.53188
Durbin-Watson stat	2.038301	Prob(F-statistic)	0.000000

Hasil Output Fullnya

Dependent Variable: DSSRM
Method: Panel Least Squares
Date: 06/20/25 Time: 21:28
Sample (adjusted): 2020 2023
Periods included: 4
Cross-sections included: 44
Total panel (balanced) observations: 176

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.015326	0.008886	1.724779	0.0864
ASB	0.033045	0.060053	0.550262	0.5829
PTP	-0.015631	0.009224	-1.694613	0.0920
RSB	-0.871023	0.115378	-7.549278	0.0000

Root MSE	0.093003	R-squared	0.324419
Mean dependent var	0.001281	Adjusted R-squared	0.312636
S.D. dependent var	0.113474	S.E. of regression	0.094079
Akaike info criterion	-1.866909	Sum squared resid	1.522332
Schwarz criterion	-1.794852	Log likelihood	168.2880
Hannan-Quinn criter.	-1.837683	F-statistic	27.53188
Durbin-Watson stat	2.038301	Prob(F-statistic)	0.000000

LAMPIRAN 9

UJI REFERENSI SKRIPSI

Lampiran : Uji Referensi Skripsi

UJI REFERENSI SKRIPSI
PROGRAM SARJANA FAKULTAS EKONOMI DAN BISNIS
PROGRAM STUDI AKUNTANSI
UNIVERSITAS BHAYANGKARA JAKARTA RAYA

Nama Mahasiswa	: Ayu Permata Sari
Nomor Pokok Mahasiswa	: 202110315153
Program Studi/Fakultas	: Akuntansi/Ekonomi dan Bisnis
Judul Skripsi	: Pengaruh Aset Berwujud, Pertumbuhan Penjualan, dan Risiko Bisnis Terhadap Struktur Modal pada Perusahaan *Property* dan *Real Estate* Periode 2019-2023

No	BAB I – BAB IV	Paraf Dosen Pembimbing I	Paraf Dosen Pembimbing II
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No	BAB I – BAB IV	Paraf Dosen Pembimbing I	Paraf Dosen Pembimbing II
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No	BAB I – BAB IV	Paraf Dosen Pembimbing I	Paraf Dosen Pembimbing II
	https://doi.org/https://doi.org/10.32520/jak.v13i1.3628		
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	Properti dan Real Estate yang Terdaftar Di Bursa Efek Indonesia. *Jurnal Manajemen Dan Bisnis*, *1*(2), 15–24. https://doi.org/https://doi.org/10.23887/pjmb.v1i2.23150		
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	Manajemen Dan Keuangan, 4328(November), 53–61. https://doi.org/https://doi.org/10.37403/sultanist.v7i2.143		
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No	BAB I – BAB IV	Paraf Dosen Pembimbing I	Paraf Dosen Pembimbing II
	Jurnal Ilmiah Akuntansi Revenue, *01*(02), 260–269. https://doi.org/https://doi.org/10.46306/rev.v1i2.35		
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No	BAB I – BAB IV	Paraf Dosen Pembimbing I	Paraf Dosen Pembimbing II
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Jakarta, 18 Juli 2025

MENYETUJUI,

Pembimbing I	Pembimbing II
Dr. Dr. Beti Nurbaiti, S.TP., M.E	Endah Prawesti Ningrum, S.E., M.Ak
NIDN. 0314117307	NIDN. 0301068101

LAMPIRAN 10

TABEL *DURBIN WATSON*

Lampiran : Tabel *Durbin Watson*

Tabel Durbin-Watson (DW), α = 5%

	k=1		k=2		k=3		k=4		k=5	
n	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
137	1.7062	1.7356	1.6914	1.7506	1.6765	1.7659	1.6613	1.7813	1.6461	1.7971
138	1.7073	1.7365	1.6926	1.7514	1.6778	1.7665	1.6628	1.7819	1.6476	1.7975
139	1.7084	1.7374	1.6938	1.7521	1.6791	1.7672	1.6642	1.7824	1.6491	1.7979
140	1.7095	1.7382	1.6950	1.7529	1.6804	1.7678	1.6656	1.7830	1.6507	1.7984
141	1.7106	1.7391	1.6962	1.7537	1.6817	1.7685	1.6670	1.7835	1.6522	1.7988
142	1.7116	1.7400	1.6974	1.7544	1.6829	1.7691	1.6684	1.7840	1.6536	1.7992
143	1.7127	1.7408	1.6985	1.7552	1.6842	1.7697	1.6697	1.7846	1.6551	1.7996
144	1.7137	1.7417	1.6996	1.7559	1.6854	1.7704	1.6710	1.7851	1.6565	1.8000
145	1.7147	1.7425	1.7008	1.7566	1.6866	1.7710	1.6724	1.7856	1.6580	1.8004
146	1.7157	1.7433	1.7019	1.7574	1.6878	1.7716	1.6737	1.7861	1.6594	1.8008
147	1.7167	1.7441	1.7030	1.7581	1.6890	1.7722	1.6750	1.7866	1.6608	1.8012
148	1.7177	1.7449	1.7041	1.7588	1.6902	1.7729	1.6762	1.7871	1.6622	1.8016
149	1.7187	1.7457	1.7051	1.7595	1.6914	1.7735	1.6775	1.7876	1.6635	1.8020
150	1.7197	1.7465	1.7062	1.7602	1.6926	1.7741	1.6788	1.7881	1.6649	1.8024
151	1.7207	1.7473	1.7072	1.7609	1.6937	1.7747	1.6800	1.7886	1.6662	1.8028
152	1.7216	1.7481	1.7083	1.7616	1.6948	1.7752	1.6812	1.7891	1.6675	1.8032
153	1.7226	1.7488	1.7093	1.7622	1.6959	1.7758	1.6824	1.7896	1.6688	1.8036
154	1.7235	1.7496	1.7103	1.7629	1.6971	1.7764	1.6836	1.7901	1.6701	1.8040
155	1.7244	1.7504	1.7114	1.7636	1.6982	1.7770	1.6848	1.7906	1.6714	1.8044
156	1.7253	1.7511	1.7123	1.7642	1.6992	1.7776	1.6860	1.7911	1.6727	1.8048
157	1.7262	1.7519	1.7133	1.7649	1.7003	1.7781	1.6872	1.7915	1.6739	1.8052
158	1.7271	1.7526	1.7143	1.7656	1.7014	1.7787	1.6883	1.7920	1.6751	1.8055
159	1.7280	1.7533	1.7153	1.7662	1.7024	1.7792	1.6895	1.7925	1.6764	1.8059
160	1.7289	1.7541	1.7163	1.7668	1.7035	1.7798	1.6906	1.7930	1.6776	1.8063
161	1.7298	1.7548	1.7172	1.7675	1.7045	1.7804	1.6917	1.7934	1.6788	1.8067
162	1.7306	1.7555	1.7182	1.7681	1.7055	1.7809	1.6928	1.7939	1.6800	1.8070
163	1.7315	1.7562	1.7191	1.7687	1.7066	1.7814	1.6939	1.7943	1.6811	1.8074
164	1.7324	1.7569	1.7200	1.7693	1.7075	1.7820	1.6950	1.7948	1.6823	1.8078
165	1.7332	1.7576	1.7209	1.7700	1.7085	1.7825	1.6960	1.7953	1.6834	1.8082
166	1.7340	1.7582	1.7218	1.7706	1.7095	1.7831	1.6971	1.7957	1.6846	1.8085
167	1.7348	1.7589	1.7227	1.7712	1.7105	1.7836	1.6982	1.7961	1.6857	1.8089
168	1.7357	1.7596	1.7236	1.7718	1.7115	1.7841	1.6992	1.7966	1.6868	1.8092
169	1.7365	1.7603	1.7245	1.7724	1.7124	1.7846	1.7002	1.7970	1.6879	1.8096
170	1.7373	1.7609	1.7254	1.7730	1.7134	1.7851	1.7012	1.7975	1.6890	1.8100
171	1.7381	1.7616	1.7262	1.7735	1.7143	1.7856	1.7023	1.7979	1.6901	1.8103
172	1.7389	1.7622	1.7271	1.7741	1.7152	1.7861	1.7033	1.7983	1.6912	1.8107
173	1.7396	1.7629	1.7279	1.7747	1.7162	1.7866	1.7042	1.7988	1.6922	1.8110
174	1.7404	1.7635	1.7288	1.7753	1.7171	1.7872	1.7052	1.7992	1.6933	1.8114
175	1.7412	1.7642	1.7296	1.7758	1.7180	1.7877	1.7062	1.7996	1.6943	1.8117
176	1.7420	1.7648	1.7305	1.7764	1.7189	1.7881	1.7072	1.8000	1.6954	1.8121
177	1.7427	1.7654	1.7313	1.7769	1.7197	1.7886	1.7081	1.8005	1.6964	1.8124
178	1.7435	1.7660	1.7321	1.7775	1.7206	1.7891	1.7091	1.8009	1.6974	1.8128
179	1.7442	1.7667	1.7329	1.7780	1.7215	1.7896	1.7100	1.8013	1.6984	1.8131
180	1.7449	1.7673	1.7337	1.7786	1.7224	1.7901	1.7109	1.8017	1.6994	1.8135
181	1.7457	1.7679	1.7345	1.7791	1.7232	1.7906	1.7118	1.8021	1.7004	1.8138
182	1.7464	1.7685	1.7353	1.7797	1.7241	1.7910	1.7128	1.8025	1.7014	1.8141
183	1.7471	1.7691	1.7360	1.7802	1.7249	1.7915	1.7137	1.8029	1.7023	1.8145
184	1.7478	1.7697	1.7368	1.7807	1.7257	1.7920	1.7146	1.8033	1.7033	1.8148
185	1.7485	1.7702	1.7376	1.7813	1.7266	1.7924	1.7155	1.8037	1.7042	1.8151
186	1.7492	1.7708	1.7384	1.7818	1.7274	1.7929	1.7163	1.8041	1.7052	1.8155
187	1.7499	1.7714	1.7391	1.7823	1.7282	1.7933	1.7172	1.8045	1.7061	1.8158
188	1.7506	1.7720	1.7398	1.7828	1.7290	1.7938	1.7181	1.8049	1.7070	1.8161
189	1.7513	1.7725	1.7406	1.7833	1.7298	1.7942	1.7189	1.8053	1.7080	1.8165
190	1.7520	1.7731	1.7413	1.7838	1.7306	1.7947	1.7198	1.8057	1.7089	1.8168
191	1.7526	1.7737	1.7420	1.7843	1.7314	1.7951	1.7206	1.8061	1.7098	1.8171
192	1.7533	1.7742	1.7428	1.7848	1.7322	1.7956	1.7215	1.8064	1.7107	1.8174
193	1.7540	1.7748	1.7435	1.7853	1.7329	1.7960	1.7223	1.8068	1.7116	1.8178
194	1.7546	1.7753	1.7442	1.7858	1.7337	1.7965	1.7231	1.8072	1.7124	1.8181
195	1.7553	1.7759	1.7449	1.7863	1.7345	1.7969	1.7239	1.8076	1.7133	1.8184
196	1.7559	1.7764	1.7456	1.7868	1.7352	1.7973	1.7247	1.8079	1.7142	1.8187
197	1.7566	1.7769	1.7463	1.7873	1.7360	1.7977	1.7255	1.8083	1.7150	1.8190
198	1.7572	1.7775	1.7470	1.7878	1.7367	1.7982	1.7263	1.8087	1.7159	1.8193
199	1.7578	1.7780	1.7477	1.7882	1.7374	1.7986	1.7271	1.8091	1.7167	1.8196
200	1.7584	1.7785	1.7483	1.7887	1.7382	1.7990	1.7279	1.8094	1.7176	1.8199

LAMPIRAN 11

HASIL PLAGIARISME SKRIPSI

Lampiran : Uji Plagiarisme

UJI PLAGIARISME SKRIPSI
PROGRAM SARJANA FAKULTAS EKONOMI DAN BISNIS
PROGRAM STUDI AKUNTANSI
UNIVERSITAS BHAYANGKARA JAKARTA RAYA

Nama Mahasiswa	: Ayu Permata Sari
Nomor Pokok Mahasiswa	: 202110315153
Program Studi/Fakultas	: Akuntansi/Ekonomi dan Bisnis
Judul Skripsi	: Pengaruh Aset Berwujud, Pertumbuhan Penjualan, dan Risiko Bisnis Terhadap Struktur Modal pada Perusahaan *Property* dan *Real Estate* Periode 2019-2023

Tabel Hasil Uji Plagiarisme

JUDUL BAB	PERSENTASE UNIQUE	CONTENT PLAGIARISME
BAB 1-V	82%	18%

Berdasarkan hasil uji plagiarisme, *persentase unique* mencapai 82% dan *content* plagiarisme sebesar 18%, sedangkan batas maksimal plagiarisme sebesar 35%. Hasil ini menunjukkan bahwa tingkat plagiarisme lebih rendah dari batas yang ditetapkan yaitu 18% < 35%. Dengan demikian, dapat disimpulkan bahwa penelitian ini telah memenuhi syarat uji plagiarisme.

Jakarta, 18 Juli 2025
MENYETUJUI,

Pembimbing I	Pembimbing II
Dr. Dr. Beti Nurbaiti, S.TP., M.E	Endah Prawesti Ningrum, S.E., M.Ak
NIDN. 0314117307	NIDN. 0301068101

TURNITIN BAB I - V_ AYU.pdf

ORIGINALITY REPORT

18%	24%	17%	14%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

1	eprints.iain-surakarta.ac.id Internet Source	2%
2	repository.ub.ac.id Internet Source	2%
3	lib.ibs.ac.id Internet Source	1%
4	Submitted to Universitas Musamus Merauke Student Paper	1%
5	repositori.usu.ac.id Internet Source	1%
6	Submitted to Universitas Negeri Jakarta Student Paper	1%
7	Submitted to Universitas Putera Batam Student Paper	1%
8	dspace.uii.ac.id Internet Source	1%
9	jurnal.wicida.ac.id Internet Source	1%
10	lib.unnes.ac.id Internet Source	1%
11	Silvia Sari, Cecilia Roro Diah Rosa Rini. "Pengaruh Struktur Aktiva, Risiko Bisnis, dan Ukuran Perusahaan terhadap Struktur Modal (Studi Empiris pada perusahaan Property dan	1%

Real Estate yang terdaftar di Bursa Efek Indonesia pada tahun 2019 – 2023)", Jurnal EMT KITA, 2025
Publication

12	Ihbal, Ahmad. "Pengaruh Struktur Dewan Terhadap Kinerja Keuangan: Peran Mediator Skor Environmental Social Governance (Studi Empiris pada Perusahaan Publik Pasar Berkembang Asean yang Terdaftar di Database Bloomberg Periode Tahun 2013-2019)", Universitas Islam Sultan Agung (Indonesia), 2024 Publication	1%
13	eprints.upj.ac.id Internet Source	<1%
14	Riani, Lusiana Risma. "Model Peningkatan Kinerja Keuangan Berbasis Capital Adequacy Ratio (Car) Pada Perbankan Bumn Di Indonesia", Universitas Islam Sultan Agung (Indonesia), 2024 Publication	<1%
15	jurnal.untirta.ac.id Internet Source	<1%
16	Riski Rindiasih, Rosita Wulandari. "PENGARUH RISIKO BISNIS, PERTUMBUHAN PENJUALAN DAN STRUKTUR AKTIVA TERHADAP STRUKTUR MODAL", Jurnal Maneksi, 2023 Publication	<1%
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18	repository.unj.ac.id Internet Source	<1%

19	Submitted to Universitas Muria Kudus Student Paper	<1 %
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24	repository.upstegal.ac.id Internet Source	<1 %
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33	repository.widyamataram.ac.id Internet Source	<1%

LAMPIRAN 12

KARTU BIMBINGAN SKRIPSI

Lampiran : Scan Kartu Bimbingan

BIMBINGAN PROPOSAL

Pembimbing I

Judul Proposal Skripsi:

Pengaruh Aset Berwujud, Pertumbuhan Penjualan, dan Risiko Bisnis Terhadap Struktur Modal Pada Perusahaan Properti dan Real Estate Periode 2019 - 2023

Tanggal Pendaftaran Proposal Skripsi:

19 April 2025

No	Tanggal Konsultasi	Deskripsi Bimbingan	Paraf Pembimbing
1	14/03/2025	Konsultasi Judul	
2	19/03/2025	Revisi Judul	
3	26/03/2025	Bab 1	
4	11/04/2025	Revisi Bab 1 dan Bimbingan Bab 2	
5	14/04/2025	Bimbingan Bab 3	
6	16/04/2025	Acc Lanjutan Sidang Proposal	

Catatan:

1. Kartu ini harus selalu dibawa saat Konsultasi dan diparaf oleh Dosen Pembimbing.
2. Pada saat pendaftaran ujian dan penyerahan Proposal, Kartu Konsultasi ini harus dilampirkan.
3. Kartu konsultasi ini tidak boleh hilang/rusak.

Jakarta, 17 April 2025

Ketua Program Studi

(Widi Winarso, S.E., M.M.)

BIMBINGAN PROPOSAL

Pembimbing II

Judul Proposal Skripsi:
Pengaruh Aset Berwujud, Pertumbuhan Penjualan, dan Risiko Bisnis Terhadap Struktur Modal Pada Perusahaan Properti dan Real Estate Periode 2019 - 2023

Tanggal Pendaftaran Proposal Skripsi:
19 April 2025

No	Tanggal Konsultasi	Deskripsi Bimbingan	Paraf Pembimbing
1	19/03/2025	Konsultasi Judul	
2	19/03/2025	Revisi Judul	
3	26/03/2025	Bab 1	
4	11/04/2025	Revisi Bab 1 dan Bimbingan Bab 2	
5	14/04/2025	Bimbingan Bab 3	
6	16/04/2025	Acc Lanjutan Sidang Proposal	

Catatan:
1. Kartu ini harus selalu dibawa saat Konsultasi dan diparaf oleh Dosen Pembimbing.
2. Pada saat pendaftaran ujian dan penyerahan Proposal, Kartu Konsultasi ini harus dilampirkan.
3. Kartu konsultasi ini tidak boleh hilang/rusak.

Jakarta, 17 April 2025
Ketua Program Studi

(Widi Winarso, S.E., M.M)

BIMBINGAN SKRIPSI

Nama : AYU PERMATA SARI
NPM : 202110315153
Program Studi : AKUNTANSI
Judul Skripsi : Pengaruh Aset Berwujud, Pertumbuhan Penjualan, dan Risiko Bisnis Terhadap Struktur Modal Pada Perusahaan *Property* dan *Real Estate* Periode 2019-2023
Tanggal Ujian Sidang Skripsi : 25 Juli 2025

No	Tanggal Konsultasi	Deskripsi Bimbingan	Paraf Pembimbing
1	12 Mei 2025	Berkonsultasi tentang data yang akan diolah	
2	19 Mei 2025	Berkonsultasi tentang cara mengolah data	
3	28 Mei 2025	Berkonsultasi tentang normalitas data	
4	03 Juni 2025	Teknik transformasi data	
5	10 Juni 2025	Konsultasi hasil data yang anomali	
6	17 Juni 2025	Coding data	
7	26 Juni 2025	Hasil akhir pengolahan data dan tandatangan lembar persetujuan	
8	26 Juni 2025	Hasil akhir pengolahan data dan tandatangan lembar persetujuan	

Catatan:

1. Kartu ini harus selalu dibawa saat Konsultasi dan diparaf oleh Dosen Pembimbing.
2. Pada saat pendaftaran ujian dan penyerahan Proposal, Kartu Konsultasi ini harus dilampirkan.
3. Kartu konsultasi ini tidak boleh hilang/rusak.

Jakarta, 28 Juli 2025

Pembimbing I

(Dr. Dr. Beti Nurbaiti, STP, ME)

Ketua Program Studi/Sesprodi

(Dr. Widi Winarso,, S.E., M.M.)

BIMBINGAN SKRIPSI

Nama : AYU PERMATA SARI
NPM : 202110315153
Program Studi : AKUNTANSI
Judul Skripsi : Pengaruh Aset Berwujud, Pertumbuhan Penjualan, dan Risiko Bisnis Terhadap Struktur Modal Pada Perusahaan *Property* dan *Real Estate* Periode 2019-2023
Tanggal Ujian Sidang Skripsi : 25 Juli 2025

No	Tanggal Konsultasi	Deskripsi Bimbingan	Paraf Pembimbing
1	14 Maret 2025	1. perbanyak literatur atau penelitian terdahulu 2. perbaiki judul yang terbaru dan up-date	
2	18 Maret 2025	1. judul skripsi disetujui 2. melanjutkan bab 1	
3	11 April 2025	1. acc bab 1 2. perbaiki hipotesis H2	
4	14 April 2025	1. Acc bab 1, lanjutkan bab 2 2. perbaiki penulisan cetak miring	
5	14 Mei 2025	1. Acc bab 2 2. lanjutkan bab 3, sesuaikan tabel dan gambar	
6	16 April 2025	1. acc bab 3 2. perbaiki populasi dan sampel sesuaikan dengan kriteria	
7	19 Mei 2025	revisi proposal skripsi	
8	02 Juni 2025	acc proposal skripsi	
9	11 Juni 2025	bimbingan tabulasi data	
10	13 Juni 2025	bimbingan olah data	

Catatan:

1. Kartu ini harus selalu dibawa saat Konsultasi dan diparaf oleh Dosen Pembimbing.
2. Pada saat pendaftaran ujian dan penyerahan Proposal, Kartu Konsultasi ini harus dilampirkan.
3. Kartu konsultasi ini tidak boleh hilang/rusak.

BIMBINGAN SKRIPSI

Nama : AYU PERMATA SARI
NPM : 202110315153
Program Studi : AKUNTANSI
Judul Skripsi : Pengaruh Aset Berwujud, Pertumbuhan Penjualan, dan Risiko Bisnis Terhadap Struktur Modal Pada Perusahaan *Property* dan *Real Estate* Periode 2019-2023
Tanggal Ujian Sidang Skripsi : 25 Juli 2025

No	Tanggal Konsultasi	Deskripsi Bimbingan	Paraf Pembimbing
11	16 Juni 2025	bimbingan analisis hasil olah data	
12	18 Juni 2025	revisi hasil olah data	
13	24 Juni 2025	Perbaiki bab 4 bagian pembahasan ditambahkan lebih mendalam analisisnya	
14	25 Juni 2025	Bab 5 Acc, lanjut sidang skripsi	

Catatan:

1. Kartu ini harus selalu dibawa saat Konsultasi dan diparaf oleh Dosen Pembimbing.
2. Pada saat pendaftaran ujian dan penyerahan Proposal, Kartu Konsultasi ini harus dilampirkan.
3. Kartu konsultasi ini tidak boleh hilang/rusak.

Jakarta, 28 Juli 2025

Pembimbing II

(Endah Prawesti Ningrum, SE., M.Ak)

Ketua Program Studi/Sesprodi

(Dr. Widi Winarso,, S.E., M.M.)

LAMPIRAN 13

DAFTAR RIWAYAT HIDUP

DAFTAR RIWAYAT HIDUP

DATA PRIBADI

Nama	: Ayu Permata Sari
Tempat tanggal lahir	: Sumedang, 02 November 2002
Alamat	: Jalan Pemuda Gang Metropolitan, Kel Kranji, Bekasi Barat, Kota Bekasi.
Jenis kelamin	: Perempuan
Agama	: Islam
Status	: Belum Menikah
Alamat E-mail	: ayu.permatasari0211@gmail.com

I. Riwayat Pendidikan

1. 2009-2015	SDN Kranji XVI
2. 2015-2018	SMPN 14 Kota Bekasi
3. 2018-2021	SMK Bakti Mandiri Bekasi
4. 2021-2025	Universitas Bhayangkara Jakarta Raya

II. Pengalaman Organisasi

1. Asisten Laboratorium Komputer Fakultas Ekonomi dan Bisnis Universitas Bhayangkara Jakarta Raya 2025