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Lampiran 1 Daftar Perusahaan Indeks LQ45

Daftar Saham untuk Penghitungan Indeks LQ45

Periode Agustus 2017 s.d. Januari 2018

(Lampiran Pengumuman BEI No. Peng-00728/BEI.OPP/07-2017 tanggal 24 Juli 2017)

No.	Kode	Nama Saham	Keterangan
1	AALI	Astra Agro Lestari Tbk.	Tetap
2	ADHI	Adhi Karya (Persero) Tbk.	Tetap
3	ADRO	Adaro Energy Tbk.	Tetap
4	AKRA	AKR Corporindo Tbk.	Tetap
5	ANTM	Aneka Tambang Tbk.	Tetap
6	ASII	Astra International Tbk.	Tetap
7	BBCA	Bank Central Asia Tbk.	Tetap
8	BBNI	Bank Negara Indonesia (Persero) Tbk.	Tetap
9	BBRI	Bank Rakyat Indonesia (Persero) Tbk.	Tetap
10	BBTN	Bank Tabungan Negara (Persero) Tbk.	Tetap
11	BJBR	Bank Pembangunan Daerah Jawa Barat dan Banten Tbk.	Baru
12	BMRI	Bank Mandiri (Persero) Tbk.	Tetap
13	BMTR	Global Mediacom Tbk.	Baru
14	BRPT	Barito Pacific Tbk.	Baru
15	BSDE	Bumi Serpong Damai Tbk.	Tetap
16	BUMI	Bumi Resources Tbk.	Tetap
17	EXCL	XL Axiata Tbk.	Tetap
18	GGRM	Gudang Garam Tbk.	Tetap
19	HMSP	H.M. Sampoerna Tbk.	Tetap
20	ICBP	Indofood CBP Sukses Makmur Tbk.	Tetap
21	INCO	Vale Indonesia Tbk.	Tetap
22	INDF	Indofood Sukses Makmur Tbk.	Tetap
23	INTP	Indocement Tunggul Prakarsa Tbk.	Tetap
24	JSMR	Jasa Marga (Persero) Tbk.	Tetap
25	KLBF	Kalbe Farma Tbk.	Tetap
26	LPKR	Lippo Karawaci Tbk.	Tetap
27	LPPF	Matahari Department Store Tbk.	Tetap
28	LSIP	PP London Sumatra Indonesia Tbk.	Tetap
29	MNCN	Media Nusantara Citra Tbk.	Tetap
30	MYRX	Hanson International Tbk.	Tetap
31	PGAS	Perusahaan Gas Negara Tbk.	Tetap
32	PPRO	PP Properti Tbk.	Tetap
33	PTBA	Bukit Asam Tbk.	Tetap

34	PTPP	PP (Persero) Tbk.	Tetap
35	PWON	Pakuwon Jati Tbk.	Tetap
36	SCMA	Surya Citra Media Tbk.	Tetap
37	SMGR	Semen Indonesia (Persero) Tbk.	Tetap
38	SMRA	Summarecon Agung Tbk.	Tetap
39	SRIL	Sri Rejeki Isman Tbk.	Tetap
40	SSMS	Sawit Sumbermas Sarana Tbk.	Tetap
41	TLKM	Telekomunikasi Indonesia (Persero) Tbk.	Tetap
42	UNTR	United Tractors Tbk.	Tetap
43	UNVR	Unilever Indonesia Tbk.	Tetap
44	WIKA	Wijaya Karya (Persero) Tbk.	Tetap
45	WSKT	Waskita Karya (Persero) Tbk.	Tetap

Daftar Saham untuk Penghitungan Indeks LQ45

Periode Agustus 2018 s.d. Januari 2019

(Lampiran Pengumuman BEI No. Peng-00696/BEI.OPP/07-2018 tanggal 25 Juli 2018)

No.	Kode	Nama Saham	Keterangan
1	ADHI	Adhi Karya (Persero) Tbk.	Tetap
2	ADRO	Adaro Energy Tbk.	Tetap
3	AKRA	AKR Corporindo Tbk.	Tetap
4	ANTM	Aneka Tambang Tbk.	Tetap
5	ASII	Astra International Tbk.	Tetap
6	BBCA	Bank Central Asia Tbk.	Tetap
7	BBNI	Bank Negara Indonesia (Persero) Tbk.	Tetap
8	BBRI	Bank Rakyat Indonesia (Persero) Tbk.	Tetap
9	BBTN	Bank Tabungan Negara (Persero) Tbk.	Tetap
10	BJBR	Bank Pembangunan Daerah Jawa Barat dan Banten Tbk.	Tetap
11	BKSL	Sentul City Tbk.	Baru
12	BMRI	Bank Mandiri (Persero) Tbk.	Tetap
13	BRPT	Barito Pacific Tbk.	Tetap
14	BSDE	Bumi Serpong Damai Tbk.	Tetap
15	ELSA	Elnusa Tbk.	Baru
16	EXCL	XL Axiata Tbk.	Tetap
17	GGRM	Gudang Garam Tbk.	Tetap
18	HMSP	H.M. Sampoerna Tbk.	Tetap
19	ICBP	Indofood CBP Sukses Makmur Tbk.	Tetap
20	INCO	Vale Indonesia Tbk.	Tetap
21	INDF	Indofood Sukses Makmur Tbk.	Tetap
22	INDY	Indika Energy Tbk.	Tetap

23	INKP	Indah Kiat Pulp & Paper Tbk.	Baru
24	INTP	Indocement Tunggal Prakarsa Tbk.	Tetap
25	ITMG	Indo Tambangraya Megah Tbk.	Baru
26	JSMR	Jasa Marga (Persero) Tbk.	Tetap
27	KLBF	Kalbe Farma Tbk.	Tetap
28	LPKR	Lippo Karawaci Tbk.	Tetap
29	LPPF	Matahari Department Store Tbk.	Tetap
30	MEDC	Medco Energi Internasional Tbk.	Baru
31	MNCN	Media Nusantara Citra Tbk.	Tetap
32	PGAS	Perusahaan Gas Negara Tbk.	Tetap
33	PTBA	Bukit Asam Tbk.	Tetap
34	PTPP	PP (Persero) Tbk.	Tetap
35	SCMA	Surya Citra Media Tbk.	Tetap
36	SMGR	Semen Indonesia (Persero) Tbk.	Tetap
37	SRIL	Sri Rejeki Isman Tbk.	Tetap
38	SSMS	Sawit Sumbermas Sarana Tbk.	Tetap
39	TLKM	Telekomunikasi Indonesia (Persero) Tbk.	Tetap
40	TPIA	Chandra Asri Petrochemical Tbk.	Tetap
41	UNTR	United Tractors Tbk.	Tetap
42	UNVR	Unilever Indonesia Tbk.	Tetap
43	WIKA	Wijaya Karya (Persero) Tbk.	Tetap
44	WSBP	Waskita Beton Precast Tbk.	Tetap
45	WSKT	Waskita Karya (Persero) Tbk.	Tetap

Daftar Saham untuk Penghitungan Indeks LQ45

Periode November 2019 s.d. Januari 2020

(Lampiran Pengumuman BEI No. Peng-00513/BEL.POP/10-2019 tanggal 25 Oktober 2019)

No.	Kode	Nama Saham	Keterangan
1	ADRO	Adaro Energy Tbk.	Tetap
2	AKRA	AKR Corporindo Tbk.	Tetap
3	ANTM	Aneka Tambang Tbk.	Tetap
4	ASII	Astra International Tbk.	Tetap
5	BBCA	Bank Central Asia Tbk.	Tetap
6	BBNI	Bank Negara Indonesia (Persero) Tbk.	Tetap
7	BBRI	Bank Rakyat Indonesia (Persero) Tbk.	Tetap
8	BBTN	Bank Tabungan Negara (Persero) Tbk.	Tetap
9	BMRI	Bank Mandiri (Persero) Tbk.	Tetap
10	BRPT	Barito Pacific Tbk.	Tetap
11	BSDE	Bumi Serpong Damai Tbk.	Tetap
12	BTPS	Bank Tabungan Pensiunan Nasional Syariah Tbk.	Tetap

13	CPIN	Charoen Pokphand Indonesia Tbk	Tetap
14	CTRA	Ciputra Development Tbk.	Tetap
15	ERAA	Erajaya Swasembada Tbk.	Tetap
16	EXCL	XL Axiata Tbk.	Tetap
17	GGRM	Gudang Garam Tbk.	Tetap
18	HMSP	H.M. Sampoerna Tbk.	Tetap
19	ICBP	Indofood CBP Sukses Makmur Tbk.	Tetap
20	INCO	Vale Indonesia Tbk.	Tetap
21	INDF	Indofood Sukses Makmur Tbk.	Tetap
22	INDY	Indika Energy Tbk.	Tetap
23	INKP	Indah Kiat Pulp & Paper Tbk.	Tetap
24	INTP	Indocement Tunggul Prakarsa Tbk.	Tetap
25	ITMG	Indo Tambangraya Megah Tbk.	Tetap
26	JPFA	Japfa Comfeed Indonesia Tbk.	Tetap
27	JSMR	Jasa Marga (Persero) Tbk.	Tetap
28	KLBF	Kalbe Farma Tbk.	Tetap
29	LPPF	Matahari Department Store Tbk.	Tetap
30	MEDC	Medco Energi Internasional Tbk.	Tetap
31	MNCN	Media Nusantara Citra Tbk.	Tetap
32	PGAS	Perusahaan Gas Negara Tbk.	Tetap
33	PTBA	Bukit Asam Tbk.	Tetap
34	PTPP	PP (Persero) Tbk.	Tetap
35	PWON	Pakuwon Jati Tbk.	Tetap
36	SCMA	Surya Citra Media Tbk.	Tetap
37	SMGR	Semen Indonesia (Persero) Tbk.	Tetap
38	SRIL	Sri Rejeki Isman Tbk.	Tetap
39	TKIM	Pabrik Kertas Tjiwi Kimia Tbk.	Tetap
40	TLKM	Telekomunikasi Indonesia (Persero) Tbk.	Tetap
41	TPIA	Chandra Asri Petrochemical Tbk.	Tetap
42	UNTR	United Tractors Tbk.	Tetap
43	UNVR	Unilever Indonesia Tbk.	Tetap
44	WIKA	Wijaya Karya (Persero) Tbk.	Tetap
45	WSKT	Waskita Karya (Persero) Tbk.	Tetap

Daftar Saham untuk Penghitungan Indeks LQ45

Periode November 2020 s.d. Januari 2021

(Lampiran Pengumuman BEI No. Peng-00315/BEI.POP/10-2020 tanggal 21 Oktober 2020)

No.	Kode	Nama Saham	Keterangan
1	ACES	Ace Hardware Indonesia Tbk.	
2	ADRO	Adaro Energy Tbk.	

3	AKRA	AKR Corporindo Tbk.	
4	ANTM	Aneka Tambang Tbk.	
5	ASII	Astra International Tbk.	
6	BBCA	Bank Central Asia Tbk.	
7	BBNI	Bank Negara Indonesia (Persero) Tbk.	
8	BBRI	Bank Rakyat Indonesia (Persero) Tbk.	
9	BBTN	Bank Tabungan Negara (Persero) Tbk.	
10	BMRI	Bank Mandiri (Persero) Tbk.	
11	BSDE	Bumi Serpong Damai Tbk.	
12	BTPS	Bank BTPN Syariah Tbk.	
13	CPIN	Charoen Pokphand Indonesia Tbk	
14	CTRA	Ciputra Development Tbk.	
15	ERAA	Erajaya Swasembada Tbk.	
16	EXCL	XL Axiata Tbk.	
17	GGRM	Gudang Garam Tbk.	
18	HMSP	H.M. Sampoerna Tbk.	
19	ICBP	Indofood CBP Sukses Makmur Tbk.	
20	INCO	Vale Indonesia Tbk.	
21	INDF	Indofood Sukses Makmur Tbk.	
22	INKP	Indah Kiat Pulp & Paper Tbk.	
23	INTP	Indocement Tunggul Prakarsa Tbk.	
24	ITMG	Indo Tambangraya Megah Tbk.	
25	JPFA	Japfa Comfeed Indonesia Tbk.	
26	JSMR	Jasa Marga (Persero) Tbk.	
27	KLBF	Kalbe Farma Tbk.	
28	MDKA	Merdeka Copper Gold Tbk.	
29	MIKA	Mitra Keluarga Karyasehat Tbk.	
30	MNCN	Media Nusantara Citra Tbk.	
31	PGAS	Perusahaan Gas Negara Tbk.	
32	PTBA	Bukit Asam Tbk.	
33	PTPP	PP (Persero) Tbk.	
34	PWON	Pakuwon Jati Tbk.	
35	SCMA	Surya Citra Media Tbk.	
36	SMGR	Semen Indonesia (Persero) Tbk.	
37	SMRA	Summarecon Agung Tbk.	
38	SRIL	Sri Rejeki Isman Tbk.	
39	TBIG	Tower Bersama Infrastructure Tbk.	
40	TKIM	Pabrik Kertas Tjiwi Kimia Tbk.	
41	TLKM	Telekomunikasi Indonesia (Persero) Tbk.	
42	TOWR	Sarana Menara Nusantara Tbk.	
43	UNTR	United Tractors Tbk.	

44	UNVR	Unilever Indonesia Tbk.	
45	WIKA	Wijaya Karya (Persero) Tbk.	

Lampiran Pengumuman BEI No. Peng-00210/BELPOP/07-2021 tanggal 26 Juli 2021

Nama Indeks : IDX LQ45

Evaluasi :

Mayor

Periode Efektif Konsituen : Agustus 2021 s.d. Januari 2022

Periode Efektif Jumlah Saham Penghitungan Indeks : Agustus s.d. Oktober 2021

No.	Kode	Nama Saham	Keterangan
1	ACES	Ace Hardware Indonesia Tbk.	Tetap
2	ADRO	Adaro Energy Tbk.	Tetap
3	AKRA	AKR Corporindo Tbk.	Berubah
4	ANTM	Aneka Tambang Tbk.	Tetap
5	ASII	Astra International Tbk.	Tetap
6	BBCA	Bank Central Asia Tbk.	Berubah
7	BBNI	Bank Negara Indonesia (Persero) Tbk.	Tetap
8	BBRI	Bank Rakyat Indonesia (Persero) Tbk.	Berubah
9	BBTN	Bank Tabungan Negara (Persero) Tbk.	Tetap
10	BMRI	Bank Mandiri (Persero) Tbk.	Tetap
11	BRPT	Barito Pacific Tbk.	Baru
12	BSDE	Bumi Serpong Damai Tbk.	Berubah
13	CPIN	Charoen Pokphand Indonesia Tbk	Tetap
14	ERAA	Erajaya Swasembada Tbk.	Berubah
15	EXCL	XL Axiata Tbk.	Berubah
16	GGRM	Gudang Garam Tbk.	Tetap
17	HMSP	H.M. Sampoerna Tbk.	Tetap
18	ICBP	Indofood CBP Sukses Makmur Tbk.	Tetap
19	INCO	Vale Indonesia Tbk.	Tetap
20	INDF	Indofood Sukses Makmur Tbk.	Tetap
21	INKP	Indah Kiat Pulp & Paper Tbk.	Berubah
22	INTP	Indocement Tunggul Prakarsa Tbk.	Tetap
23	ITMG	Indo Tambangraya Megah Tbk.	Tetap
24	JPFA	Japfa Comfeed Indonesia Tbk.	Berubah
25	JSMR	Jasa Marga (Persero) Tbk.	Tetap
26	KLBF	Kalbe Farma Tbk.	Berubah
27	MDKA	Merdeka Copper Gold Tbk.	Berubah
28	MEDC	Medco Energi Internasional Tbk.	Berubah
29	MIKA	Mitra Keluarga Karyasehat Tbk.	Tetap
30	MNCN	Media Nusantara Citra Tbk.	Berubah

31	PGAS	Perusahaan Gas Negara Tbk.	Berubah
32	PTBA	Bukit Asam Tbk.	Tetap
33	PTPP	PP (Persero) Tbk.	Tetap
34	PWON	Pakuwon Jati Tbk.	Tetap
35	SMGR	Semen Indonesia (Persero) Tbk.	Tetap
36	SMRA	Summarecon Agung Tbk.	Berubah
37	TBIG	Tower Bersama Infrastructure Tbk.	Berubah
38	TINS	Timah Tbk.	Baru
39	TKIM	Pabrik Kertas Tjiwi Kimia Tbk.	Berubah
40	TLKM	Telkom Indonesia (Persero) Tbk.	Tetap
41	TOWR	Sarana Menara Nusantara Tbk.	Berubah
42	TPIA	Chandra Asri Petrochemical Tbk.	Berubah
43	UNTR	United Tractors Tbk.	Tetap
44	UNVR	Unilever Indonesia Tbk.	Berubah
45	WIKA	Wijaya Karya (Persero) Tbk.	Tetap

Rekapitulasi Perusahaan Indeks Saham LQ45 tahun 2017-2021

No	Kode Saham				
	2017	2018	2019	2020	2021
1	ADRO	ADRO	ADRO	ADRO	ADRO
2	AKRA	AKRA	AKRA	AKRA	AKRA
3	ANTM	ANTM	ANTM	ANTM	ANTM
4	ASII	ASII	ASII	ASII	ASII
5	BBCA	BBCA	BBCA	BBCA	BBCA
6	BBNI	BBNI	BBNI	BBNI	BBNI
7	BBRI	BBRI	BBRI	BBRI	BBRI
8	BBTN	BBTN	BBTN	BBTN	BBTN
9	BMRI	BMRI	BMRI	BMRI	BMRI
10	BSDE	BSDE	BSDE	BSDE	BSDE
11	EXCL	EXCL	EXCL	EXCL	EXCL
12	GGRM	GGRM	GGRM	GGRM	GGRM
13	HMSP	HMSP	HMSP	HMSP	HMSP
14	ICBP	ICBP	ICBP	ICBP	ICBP
15	INCO	INCO	INCO	INCO	INCO
16	INDF	INDF	INDF	INDF	INDF
17	INTP	INTP	INTP	INTP	INTP
18	JSMR	JSMR	JSMR	JSMR	JSMR
19	KLBF	KLBF	KLBF	KLBF	KLBF
20	MNCN	MNCN	MNCN	MNCN	MNCN
21	PGAS	PGAS	PGAS	PGAS	PGAS
22	PTBA	PTBA	PTBA	PTBA	PTBA

23	PTPP	PTPP	PTPP	PTPP	PTPP
24	SMGR	SMGR	SMGR	SMGR	SMGR
25	TLKM	TLKM	TLKM	TLKM	TLKM
26	UNTR	UNTR	UNTR	UNTR	UNTR
27	UNVR	UNVR	UNVR	UNVR	UNVR
28	WIKA	WIKA	WIKA	WIKA	WIKA



Lampiran 2 Data Variabel Penelitian

1. Harga Saham (Y)

No	Kode Saham	Harga Saham <i>Adj. Closing Price</i> (Dalam Rupiah)				
		2017	2018	2019	2020	2021
1	AKRA	6.350	4.290	3.950	3.180	4.110
2	ASII	8.300	8.225	6.925	6.025	5.700
3	BBTN	3.570	2.540	2.120	1.725	1.730
4	BMRI	8.000	7.375	7.675	6.325	7.025
5	BSDE	1.700	1.255	1.255	1.225	1.010
6	EXCL	2.960	1.980	3.150	2.730	3.170
7	HMSP	4.730	3.710	2.100	1.505	965
8	ICBP	8.900	10.450	11.150	9.575	8.700
9	INDF	7.625	7.450	7.925	6.850	6.325
10	JSMR	6.400	4.280	5.175	4.630	3.890
11	KLBF	1.690	1.520	1.620	1.480	1.615
12	MNCN	1.285	690	1.630	1.140	900
13	PTBA	2.460	4.300	2.660	2.810	2.710
14	PTPP	2.640	1.805	1.585	1.865	990
15	TLKM	4.440	3.750	3.970	3.310	4.040
16	WIKA	1.550	1.655	1.990	1.985	1.105

2. Return On Assets

No	Kode Saham	Return On Assets (ROA)				
		2017	2018	2019	2020	2021
1	AKRA	0,071	0,082	0,034	0,051	0,048
2	ASII	0,070	0,050	0,080	0,080	0,080
3	BBTN	0,012	0,001	0,009	0,004	0,006
4	BMRI	0,019	0,022	0,022	0,012	0,018
5	BSDE	0,112	0,033	0,057	0,008	0,025
6	EXCL	0,007	-0,057	0,011	0,005	0,018
7	HMSP	0,294	0,291	0,270	0,173	0,134
8	ICBP	0,117	0,136	0,138	0,072	0,067
9	INDF	0,058	0,051	0,061	0,054	0,062
10	JSMR	0,026	0,025	0,021	-0,0004	0,009
11	KLBF	0,148	0,138	0,125	0,124	0,126
12	MNCN	0,104	0,098	0,132	0,099	0,121
13	PTBA	0,204	0,212	0,155	0,100	0,222
14	PTPP	0,047	0,037	0,020	0,006	0,007
15	TLKM	0,165	0,131	0,125	0,120	0,122
16	WIKA	0,030	0,035	0,042	0,005	0,003

3. Debt to Equity Ratio

No	Kode Saham	<i>Debt to Equity Ratio (DER)</i>				
		2017	2018	2019	2020	2021
1	AKRA	0,90	1,00	1,10	0,77	1,08
2	ASII	0,90	1,00	0,90	0,70	0,70
3	BBTN	10,34	11,06	11,30	16,08	15,31
4	BMRI	5,22	5,09	4,91	5,80	5,97
5	BSDE	0,57	0,72	0,62	0,77	0,71
6	EXCL	1,60	2,14	2,28	2,54	2,62
7	HMSP	0,26	0,32	0,43	0,64	0,82
8	ICBP	0,56	0,51	0,45	1,06	1,16
9	INDF	0,88	0,93	0,77	1,06	1,07
10	JSMR	3,31	3,08	3,30	3,20	2,97
11	KLBF	0,20	0,19	0,21	0,23	0,21
12	MNCN	0,54	0,54	0,42	0,31	0,22
13	PTBA	0,59	0,49	0,42	0,42	0,49
14	PTPP	1,93	2,22	2,41	2,84	2,88
15	TLKM	0,77	0,76	0,89	1,04	0,91
16	WIKA	2,12	2,44	2,23	3,09	2,98

4. Earning Per Share

No	Kode Saham	<i>Earning Per Share (EPS)</i>				
		2017	2018	2019	2020	2021
1	AKRA	61	83	36	47	56
2	ASII	466	535	536	399	499
3	BBTN	286	265	20	151	224
4	BMRI	442	536	589	360	601
5	BSDE	256	67	147	14	64
6	EXCL	35	308	67	35	121
7	HMSP	109	116	118	74	61
8	ICBP	326	392	432	565	548
9	INDF	473	474	559	735	870
10	JSMR	303	303	304	69	223
11	KLBF	51	52	53	58	68
12	MNCN	109	120	180	138	180
13	PTBA	425	477	371	213	702
14	PTPP	234	242	150	27	43
15	TLKM	224	182	188	210	250
16	WIKA	134	193	255	21	13

Lampiran 3 Tabulasi Data Variabel

Kode Saham	Tahun	Y	X1	X2	X3
AKRA	2017	6.350	0,071	0,9	60,51
AKRA	2018	4.290	0,082	1	82,69
AKRA	2019	3.950	0,034	1,1	36,06
AKRA	2020	3.180	0,051489	0,769888	46,71
AKRA	2021	4.110	0,04828	1,080596	56,32
ASII	2017	8.300	0,07	0,9	466
ASII	2018	8.225	0,05	1	535
ASII	2019	6.925	0,08	0,9	536
ASII	2020	6.025	0,08	0,7	399
ASII	2021	5.700	0,08	0,7	499
BBTN	2017	3.570	0,011583	10,33712	286
BBTN	2018	2.540	0,000683	11,06456	265
BBTN	2019	2.120	0,009006	11,30431	20
BBTN	2020	1.725	0,004436	16,07858	151
BBTN	2021	1.730	0,00639	15,30803	224
BMRI	2017	8.000	0,019066	5,223499	442,28
BMRI	2018	7.375	0,021503	5,092731	536,04
BMRI	2019	7.675	0,021586	4,907082	588,9
BMRI	2020	6.325	0,011932	5,798277	360,18
BMRI	2021	7.025	0,017705	5,972647	601,06
BSDE	2017	1.700	0,112	0,573841	255,64
BSDE	2018	1.255	0,032664	0,720265	67,43
BSDE	2019	1.255	0,057491	0,622918	147
BSDE	2020	1.225	0,007989	0,765622	14,12
BSDE	2021	1.010	0,025034	0,712548	64,49
EXCL	2017	2.960	0,007	1,603763	35
EXCL	2018	1.980	-0,05722	2,140906	-308
EXCL	2019	3.150	0,01136	2,280272	67
EXCL	2020	2.730	0,005485	2,539923	35
EXCL	2021	3.170	0,017701	2,621594	121
HMSP	2017	4.730	0,294	0,26465	109
HMSP	2018	3.710	0,290509	0,318007	116
HMSP	2019	2.100	0,269563	0,426659	118
HMSP	2020	1.505	0,172754	0,642582	74
HMSP	2021	965	0,134433	0,818701	61
ICBP	2017	8.900	0,117	0,56	326
ICBP	2018	10.450	0,135559	0,513495	392
ICBP	2019	11.150	0,138469	0,451358	432
ICBP	2020	9.575	0,071616	1,058671	565
ICBP	2021	8.700	0,066914	1,157498	548
INDF	2017	7.625	0,057661	0,88	473
INDF	2018	7.450	0,051398	0,933974	474
INDF	2019	7.925	0,06136	0,7748	559
INDF	2020	6.850	0,053649	1,061417	735
INDF	2021	6.325	0,062466	1,07032	870
JSMR	2017	6.400	0,026442	3,3089	303,15
JSMR	2018	4.280	0,024709	3,080333	303,48
JSMR	2019	5.175	0,020806	3,299176	304,1
JSMR	2020	4.630	-0,0004	3,201173	69,04
JSMR	2021	3.890	0,008605	2,97026	222,56
KLBF	2017	1.690	0,147642	0,195926	51,28
KLBF	2018	1.520	0,137619	0,186446	52,42

KLBF	2019	1.620	0,125223	0,213051	53,48
KLBF	2020	1.480	0,124073	0,234636	58,31
KLBF	2021	1.615	0,125923	0,20694	67,92
MNCN	2017	1.285	0,104105	0,536	109,11
MNCN	2018	690	0,098266	0,53534	120,03
MNCN	2019	1.630	0,131895	0,424009	179,82
MNCN	2020	1.140	0,098875	0,308488	138,03
MNCN	2021	900	0,120581	0,219779	179,72
PTBA	2017	2.460	0,2036	0,5944	425
PTBA	2018	4.300	0,211853	0,485764	477
PTBA	2019	2.660	0,154816	0,416615	371
PTBA	2020	2.810	0,100094	0,420183	213
PTBA	2021	2.710	0,222482	0,489409	702
PTPP	2017	2.640	0,0472	1,9335	234
PTPP	2018	1.805	0,037279	2,220789	242
PTPP	2019	1.585	0,020422	2,414816	150
PTPP	2020	1.865	0,005841	2,840719	27
PTPP	2021	990	0,006503	2,878106	43
TLKM	2017	4.440	0,165	0,77	223,55
TLKM	2018	3.750	0,130842	0,757807	182,03
TLKM	2019	3.970	0,124733	0,886635	188,4
TLKM	2020	3.310	0,119716	1,042725	210,01
TLKM	2021	4.040	0,122475	0,906368	249,94
WIKA	2017	1.550	0,029685	2,12222	134,1
WIKA	2018	1.655	0,035004	2,440541	193,02
WIKA	2019	1.990	0,042199	2,232291	254,74
WIKA	2020	1.985	0,004733	3,088818	20,71
WIKA	2021	1.105	0,00309	2,979666	13,12



Lampiran 4 Output Eviews10

1. Analisis Deskriptif Statistik

	Y	X1	X2	X3
Mean	3913.750	0.075618	2.206162	241.3563
Median	3160.000	0.057576	0.920171	190.7100
Maximum	11150.00	0.294000	16.07858	870.0000
Minimum	690.0000	-0.057224	0.186446	-308.0000
Std. Dev.	2659.291	0.070981	3.130082	210.8492
Skewness	0.838793	1.080393	2.857722	0.634771
Kurtosis	2.645823	4.052378	11.32459	3.204542
Jarque-Bera	9.799132	19.25498	339.8837	5.511918
Probability	0.007450	0.000066	0.000000	0.063548
Sum	313100.0	6.049438	176.4929	19308.50
Sum Sq. Dev.	5.59E+08	0.398028	773.9955	3512135.
Observations	80	80	80	80

2. Estimasi Model CEM

Dependent Variable: Y
 Method: Panel Least Squares
 Date: 02/04/23 Time: 17:41
 Sample: 2017 2021
 Periods included: 5
 Cross-sections included: 16
 Total panel (balanced) observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2430.239	481.3498	5.048800	0.0000
X1	-5599.013	3490.099	-1.604256	0.1128
X2	-113.4262	78.70850	-1.441092	0.1537
X3	8.937549	1.028539	8.689555	0.0000
R-squared	0.501571	Mean dependent var		3913.750
Adjusted R-squared	0.481897	S.D. dependent var		2659.291
S.E. of regression	1914.142	Akaike info criterion		18.00063
Sum squared resid	2.78E+08	Schwarz criterion		18.11973
Log likelihood	-716.0253	Hannan-Quinn criter.		18.04838
F-statistic	25.49307	Durbin-Watson stat		0.428501
Prob(F-statistic)	0.000000			

3. Estimasi Model FEM

Dependent Variable: Y
 Method: Panel Least Squares
 Date: 02/04/23 Time: 17:42
 Sample: 2017 2021
 Periods included: 5
 Cross-sections included: 16
 Total panel (balanced) observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3513.228	403.4971	8.706947	0.0000
X1	13689.90	3344.523	4.093229	0.0001
X2	-226.0921	123.7693	-1.826722	0.0726
X3	-0.563004	0.943071	-0.596990	0.5527

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.946971	Mean dependent var	3913.750
Adjusted R-squared	0.931323	S.D. dependent var	2659.291
S.E. of regression	696.9038	Akaike info criterion	16.13502
Sum squared resid	29626172	Schwarz criterion	16.70075
Log likelihood	-626.4008	Hannan-Quinn criter.	16.36184
F-statistic	60.51698	Durbin-Watson stat	1.731143
Prob(F-statistic)	0.000000		

4. Estimasi Model REM

Dependent Variable: Y

Method: Panel EGLS (Cross-section random effects)

Date: 02/04/23 Time: 17:42

Sample: 2017 2021

Periods included: 5

Cross-sections included: 16

Total panel (balanced) observations: 80

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3228.430	565.5708	5.708268	0.0000
X1	8411.523	3039.892	2.767046	0.0071
X2	-121.5263	96.69191	-1.256841	0.2127
X3	1.314921	0.864435	1.521134	0.1324

Effects Specification

	S.D.	Rho
Cross-section random	1749.218	0.8630
Idiosyncratic random	696.9038	0.1370

Weighted Statistics

R-squared	0.169795	Mean dependent var	686.5159
Adjusted R-squared	0.137024	S.D. dependent var	853.8529
S.E. of regression	793.1996	Sum squared resid	47816589
F-statistic	5.181213	Durbin-Watson stat	1.071392
Prob(F-statistic)	0.002604		

Unweighted Statistics

R-squared	0.040420	Mean dependent var	3913.750
Sum squared resid	5.36E+08	Durbin-Watson stat	0.095562

5. Uji Chow

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	34.156348	(15,61)	0.0000
Cross-section Chi-square	179.249133	15	0.0000

Cross-section fixed effects test equation:

Dependent Variable: Y

Method: Panel Least Squares

Date: 02/04/23 Time: 17:44

Sample: 2017 2021

Periods included: 5

Cross-sections included: 16

Total panel (balanced) observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2430.239	481.3498	5.048800	0.0000
X1	-5599.013	3490.099	-1.604256	0.1128
X2	-113.4262	78.70850	-1.441092	0.1537
X3	8.937549	1.028539	8.689555	0.0000

R-squared	0.501571	Mean dependent var	3913.750
Adjusted R-squared	0.481897	S.D. dependent var	2659.291
S.E. of regression	1914.142	Akaike info criterion	18.00063
Sum squared resid	2.78E+08	Schwarz criterion	18.11973
Log likelihood	-716.0253	Hannan-Quinn criter.	18.04838
F-statistic	25.49307	Durbin-Watson stat	0.428501
Prob(F-statistic)	0.000000		

6. Uji Hausman

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	25.453891	3	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
	13689.89634		1944886.2634	
X1	6	8411.523092	98	0.0002
X2	-226.092125	-121.526314	5969.519681	0.1759
X3	-0.563004	1.314921	0.142136	0.0000

Cross-section random effects test equation:

Dependent Variable: Y

Method: Panel Least Squares

Date: 02/04/23 Time: 17:46

Sample: 2017 2021

Periods included: 5

Cross-sections included: 16

Total panel (balanced) observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3513.228	403.4971	8.706947	0.0000
X1	13689.90	3344.523	4.093229	0.0001
X2	-226.0921	123.7693	-1.826722	0.0726
X3	-0.563004	0.943071	-0.596990	0.5527

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.946971	Mean dependent var	3913.750
Adjusted R-squared	0.931323	S.D. dependent var	2659.291
S.E. of regression	696.9038	Akaike info criterion	16.13502
Sum squared resid	29626172	Schwarz criterion	16.70075
Log likelihood	-626.4008	Hannan-Quinn criter.	16.36184
F-statistic	60.51698	Durbin-Watson stat	1.731143
Prob(F-statistic)	0.000000		

7. Uji Lagrange Multiplier

Lagrange multiplier (LM) test for panel data

Date: 02/04/23 Time: 17:02

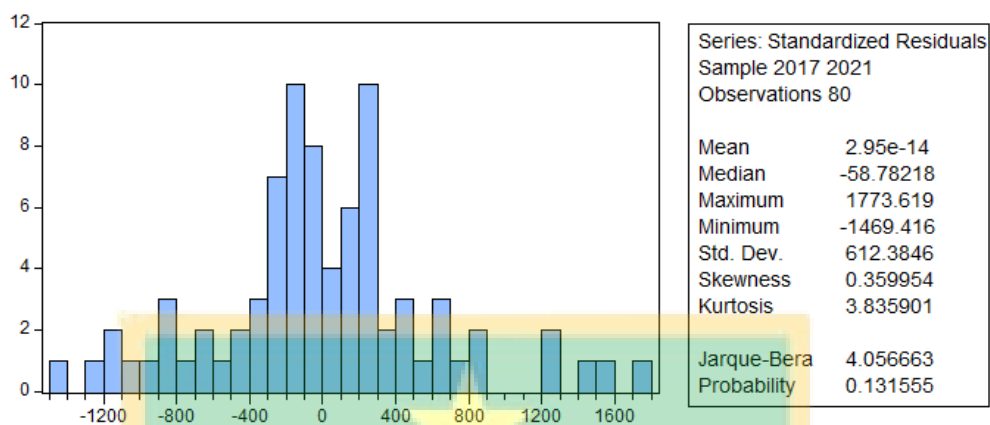
Sample: 2017 2021

Total panel observations: 80

Probability in ()

Null (no rand. effect)	Cross-section	Period	Both
Alternative	One-sided	One-sided	
Breusch-Pagan	65.12760 (0.0000)	0.143801 (0.7045)	65.27140 (0.0000)
Honda	8.070167 (0.0000)	0.379211 (0.3523)	5.974613 (0.0000)
King-Wu	8.070167 (0.0000)	0.379211 (0.3523)	4.039784 (0.0000)
GHM	-- --	-- --	65.27140 (0.0000)

8. Uji Normalitas



9. Uji Multikolinearitas

	ROA	DER	EPS
ROA	1.000000	-0.483394	0.105005
DER	-0.483394	1.000000	-0.004097
EPS	0.105005	-0.004097	1.000000

10. Uji Heteroskedastisitas

Dependent Variable: RESABS
Method: Panel Least Squares
Date: 02/04/23 Time: 17:51
Sample: 2017 2021
Periods included: 5
Cross-sections included: 16
Total panel (balanced) observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	475.3854	204.5232	2.324360	0.0235
X1	3332.800	1695.259	1.965953	0.0539
X2	-65.31471	62.73574	-1.041108	0.3019
X3	-0.572307	0.478020	-1.197243	0.2358

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.447281	Mean dependent var	445.1805
Adjusted R-squared	0.284184	S.D. dependent var	417.5171
S.E. of regression	353.2441	Akaike info criterion	14.77604
Sum squared resid	7611663.	Schwarz criterion	15.34177
Log likelihood	-572.0417	Hannan-Quinn criter.	15.00286
F-statistic	2.742422	Durbin-Watson stat	2.692381
Prob(F-statistic)	0.001749		

Lampiran 5 Tabel Durbin-Watson $\alpha = 5\%$

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
71	1.5865	1.6435	1.5577	1.6733	1.5284	1.7041	1.4987	1.7358	1.4685	1.7685
72	1.5895	1.6457	1.5611	1.6751	1.5323	1.7054	1.5029	1.7366	1.4732	1.7688
73	1.5924	1.6479	1.5645	1.6768	1.5360	1.7067	1.5071	1.7375	1.4778	1.7691
74	1.5953	1.6500	1.5677	1.6785	1.5397	1.7079	1.5112	1.7383	1.4822	1.7694
75	1.5981	1.6521	1.5709	1.6802	1.5432	1.7092	1.5151	1.7390	1.4866	1.7698
76	1.6009	1.6541	1.5740	1.6819	1.5467	1.7104	1.5190	1.7399	1.4909	1.7701
77	1.6036	1.6561	1.5771	1.6835	1.5502	1.7117	1.5228	1.7407	1.4950	1.7704
78	1.6063	1.6581	1.5801	1.6851	1.5535	1.7129	1.5265	1.7415	1.4991	1.7708
79	1.6089	1.6601	1.5830	1.6867	1.5568	1.7141	1.5302	1.7423	1.5031	1.7712
80	1.6114	1.6620	1.5859	1.6882	1.5600	1.7153	1.5337	1.7430	1.5070	1.7716
81	1.6139	1.6639	1.5888	1.6898	1.5632	1.7164	1.5372	1.7438	1.5109	1.7720
82	1.6164	1.6657	1.5915	1.6913	1.5663	1.7176	1.5406	1.7446	1.5146	1.7724
83	1.6188	1.6675	1.5942	1.6928	1.5693	1.7187	1.5440	1.7454	1.5183	1.7728
84	1.6212	1.6693	1.5969	1.6942	1.5723	1.7199	1.5472	1.7462	1.5219	1.7732
85	1.6235	1.6711	1.5995	1.6957	1.5752	1.7210	1.5505	1.7470	1.5254	1.7736
86	1.6258	1.6728	1.6021	1.6971	1.5780	1.7221	1.5536	1.7478	1.5289	1.7740
87	1.6280	1.6745	1.6046	1.6985	1.5808	1.7232	1.5567	1.7485	1.5322	1.7745
88	1.6302	1.6762	1.6071	1.6999	1.5836	1.7243	1.5597	1.7493	1.5356	1.7749
89	1.6324	1.6778	1.6095	1.7013	1.5863	1.7254	1.5627	1.7501	1.5388	1.7754
90	1.6345	1.6794	1.6119	1.7026	1.5889	1.7264	1.5656	1.7508	1.5420	1.7758
91	1.6366	1.6810	1.6143	1.7040	1.5915	1.7275	1.5685	1.7516	1.5452	1.7763
92	1.6387	1.6826	1.6166	1.7053	1.5941	1.7285	1.5713	1.7523	1.5482	1.7767
93	1.6407	1.6841	1.6188	1.7066	1.5966	1.7295	1.5741	1.7531	1.5513	1.7772
94	1.6427	1.6857	1.6211	1.7078	1.5991	1.7306	1.5768	1.7538	1.5542	1.7776
95	1.6447	1.6872	1.6233	1.7091	1.6015	1.7316	1.5795	1.7546	1.5572	1.7781
96	1.6466	1.6887	1.6254	1.7103	1.6039	1.7326	1.5821	1.7553	1.5600	1.7785
97	1.6485	1.6901	1.6275	1.7116	1.6063	1.7335	1.5847	1.7560	1.5628	1.7790
98	1.6504	1.6916	1.6296	1.7128	1.6086	1.7345	1.5872	1.7567	1.5656	1.7795
99	1.6522	1.6930	1.6317	1.7140	1.6108	1.7355	1.5897	1.7575	1.5683	1.7799
100	1.6540	1.6944	1.6337	1.7152	1.6131	1.7364	1.5922	1.7582	1.5710	1.7804
101	1.6558	1.6958	1.6357	1.7163	1.6153	1.7374	1.5946	1.7589	1.5736	1.7809
102	1.6576	1.6971	1.6376	1.7175	1.6174	1.7383	1.5969	1.7596	1.5762	1.7813
103	1.6593	1.6985	1.6396	1.7186	1.6196	1.7392	1.5993	1.7603	1.5788	1.7818
104	1.6610	1.6998	1.6415	1.7198	1.6217	1.7402	1.6016	1.7610	1.5813	1.7823
105	1.6627	1.7011	1.6433	1.7209	1.6237	1.7411	1.6038	1.7617	1.5837	1.7827
106	1.6644	1.7024	1.6452	1.7220	1.6258	1.7420	1.6061	1.7624	1.5861	1.7832
107	1.6660	1.7037	1.6470	1.7231	1.6277	1.7428	1.6083	1.7631	1.5885	1.7837
108	1.6676	1.7050	1.6488	1.7241	1.6297	1.7437	1.6104	1.7637	1.5909	1.7841
109	1.6692	1.7062	1.6505	1.7252	1.6317	1.7446	1.6125	1.7644	1.5932	1.7846
110	1.6708	1.7074	1.6523	1.7262	1.6336	1.7455	1.6146	1.7651	1.5955	1.7851
111	1.6723	1.7086	1.6540	1.7273	1.6355	1.7463	1.6167	1.7657	1.5977	1.7855
112	1.6738	1.7098	1.6557	1.7283	1.6373	1.7472	1.6187	1.7664	1.5999	1.7860
113	1.6753	1.7110	1.6574	1.7293	1.6391	1.7480	1.6207	1.7670	1.6021	1.7864
114	1.6768	1.7122	1.6590	1.7303	1.6410	1.7488	1.6227	1.7677	1.6042	1.7869
115	1.6783	1.7133	1.6606	1.7313	1.6427	1.7496	1.6246	1.7683	1.6063	1.7874
116	1.6797	1.7145	1.6622	1.7323	1.6445	1.7504	1.6265	1.7690	1.6084	1.7878
117	1.6812	1.7156	1.6638	1.7332	1.6462	1.7512	1.6284	1.7696	1.6105	1.7883
118	1.6826	1.7167	1.6653	1.7342	1.6479	1.7520	1.6303	1.7702	1.6125	1.7887
119	1.6839	1.7178	1.6669	1.7352	1.6496	1.7528	1.6321	1.7709	1.6145	1.7892
120	1.6853	1.7189	1.6684	1.7361	1.6513	1.7536	1.6339	1.7715	1.6164	1.7896
121	1.6867	1.7200	1.6699	1.7370	1.6529	1.7544	1.6357	1.7721	1.6184	1.7901
122	1.6880	1.7210	1.6714	1.7379	1.6545	1.7552	1.6375	1.7727	1.6203	1.7905
123	1.6893	1.7221	1.6728	1.7388	1.6561	1.7559	1.6392	1.7733	1.6222	1.7910
124	1.6906	1.7231	1.6743	1.7397	1.6577	1.7567	1.6409	1.7739	1.6240	1.7914
125	1.6919	1.7241	1.6757	1.7406	1.6592	1.7574	1.6426	1.7745	1.6258	1.7919
126	1.6932	1.7252	1.6771	1.7415	1.6608	1.7582	1.6443	1.7751	1.6276	1.7923
127	1.6944	1.7261	1.6785	1.7424	1.6623	1.7589	1.6460	1.7757	1.6294	1.7928
128	1.6957	1.7271	1.6798	1.7432	1.6638	1.7596	1.6476	1.7763	1.6312	1.7932
129	1.6969	1.7281	1.6812	1.7441	1.6653	1.7603	1.6492	1.7769	1.6329	1.7937
130	1.6981	1.7291	1.6825	1.7449	1.6667	1.7610	1.6508	1.7774	1.6346	1.7941
131	1.6993	1.7301	1.6838	1.7458	1.6682	1.7617	1.6523	1.7780	1.6363	1.7945
132	1.7005	1.7310	1.6851	1.7466	1.6696	1.7624	1.6539	1.7786	1.6380	1.7950
133	1.7017	1.7319	1.6864	1.7474	1.6710	1.7631	1.6554	1.7791	1.6397	1.7954
134	1.7028	1.7329	1.6877	1.7482	1.6724	1.7638	1.6569	1.7797	1.6413	1.7958
135	1.7040	1.7338	1.6889	1.7490	1.6738	1.7645	1.6584	1.7802	1.6429	1.7962
136	1.7051	1.7347	1.6902	1.7498	1.6751	1.7652	1.6599	1.7808	1.6445	1.7967

Lampiran 6 Tabel F Statistik

52	4.027	3.175	2.783	2.550	2.393	2.279	2.192	2.122
53	4.023	3.172	2.779	2.546	2.389	2.275	2.188	2.119
54	4.020	3.168	2.776	2.543	2.386	2.272	2.185	2.115
55	4.016	3.165	2.773	2.540	2.383	2.269	2.181	2.112
56	4.013	3.162	2.769	2.537	2.380	2.266	2.178	2.109
57	4.010	3.159	2.766	2.534	2.377	2.263	2.175	2.106
58	4.007	3.156	2.764	2.531	2.374	2.260	2.172	2.103
59	4.004	3.153	2.761	2.528	2.371	2.257	2.169	2.100
60	4.001	3.150	2.758	2.525	2.368	2.254	2.167	2.097
61	3.998	3.148	2.755	2.523	2.366	2.251	2.164	2.094
62	3.996	3.145	2.753	2.520	2.363	2.249	2.161	2.092
63	3.993	3.143	2.751	2.518	2.361	2.246	2.159	2.089
64	3.991	3.140	2.748	2.515	2.358	2.244	2.156	2.087
65	3.989	3.138	2.746	2.513	2.356	2.242	2.154	2.084
66	3.986	3.136	2.744	2.511	2.354	2.239	2.152	2.082
67	3.984	3.134	2.742	2.509	2.352	2.237	2.150	2.080
68	3.982	3.132	2.740	2.507	2.350	2.235	2.148	2.078
69	3.980	3.130	2.737	2.505	2.348	2.233	2.145	2.076
70	3.978	3.128	2.736	2.503	2.346	2.231	2.143	2.074
71	3.976	3.126	2.734	2.501	2.344	2.229	2.142	2.072
72	3.974	3.124	2.732	2.499	2.342	2.227	2.140	2.070
73	3.972	3.122	2.730	2.497	2.340	2.226	2.138	2.068
74	3.970	3.120	2.728	2.495	2.338	2.224	2.136	2.066
75	3.968	3.119	2.727	2.494	2.337	2.222	2.134	2.064
76	3.967	3.117	2.725	2.492	2.335	2.220	2.133	2.063
77	3.965	3.115	2.723	2.490	2.333	2.219	2.131	2.061
78	3.963	3.114	2.722	2.489	2.332	2.217	2.129	2.059
79	3.962	3.112	2.720	2.487	2.330	2.216	2.128	2.058
80	3.960	3.111	2.719	2.486	2.329	2.214	2.126	2.056
81	3.959	3.109	2.717	2.484	2.327	2.213	2.125	2.055
82	3.957	3.108	2.716	2.483	2.326	2.211	2.123	2.053
83	3.956	3.107	2.715	2.482	2.324	2.210	2.122	2.052
84	3.955	3.105	2.713	2.480	2.323	2.209	2.121	2.051
85	3.953	3.104	2.712	2.479	2.322	2.207	2.119	2.049
86	3.952	3.103	2.711	2.478	2.321	2.206	2.118	2.048
87	3.951	3.101	2.709	2.476	2.319	2.205	2.117	2.047
88	3.949	3.100	2.708	2.475	2.318	2.203	2.115	2.045
89	3.948	3.099	2.707	2.474	2.317	2.202	2.114	2.044
90	3.947	3.098	2.706	2.473	2.316	2.201	2.113	2.043
91	3.946	3.097	2.705	2.472	2.315	2.200	2.112	2.042
92	3.945	3.095	2.704	2.471	2.313	2.199	2.111	2.041
93	3.943	3.094	2.703	2.470	2.312	2.198	2.110	2.040
94	3.942	3.093	2.701	2.469	2.311	2.197	2.109	2.038
95	3.941	3.092	2.700	2.467	2.310	2.196	2.108	2.037
96	3.940	3.091	2.699	2.466	2.309	2.195	2.106	2.036
97	3.939	3.090	2.698	2.465	2.308	2.194	2.105	2.035
98	3.938	3.089	2.697	2.465	2.307	2.193	2.104	2.034
99	3.937	3.088	2.696	2.464	2.306	2.192	2.103	2.033
100	3.936	3.087	2.696	2.463	2.305	2.191	2.103	2.032

Lampiran 7 Tabel t Statistik

df	Pr	0.25	0.10	0.05	0.025	0.01	0.005	0.001
		0.50	0.20	0.10	0.050	0.02	0.010	0.002
41		0.68052	1.30254	1.68288	2.01954	2.42080	2.70118	3.30127
42		0.68038	1.30204	1.68195	2.01808	2.41847	2.69807	3.29595
43		0.68024	1.30155	1.68107	2.01669	2.41625	2.69510	3.29089
44		0.68011	1.30109	1.68023	2.01537	2.41413	2.69228	3.28607
45		0.67998	1.30065	1.67943	2.01410	2.41212	2.68959	3.28148
46		0.67986	1.30023	1.67866	2.01290	2.41019	2.68701	3.27710
47		0.67975	1.29982	1.67793	2.01174	2.40835	2.68456	3.27291
48		0.67964	1.29944	1.67722	2.01063	2.40658	2.68220	3.26891
49		0.67953	1.29907	1.67655	2.00958	2.40489	2.67995	3.26508
50		0.67943	1.29871	1.67591	2.00856	2.40327	2.67779	3.26141
51		0.67933	1.29837	1.67528	2.00758	2.40172	2.67572	3.25789
52		0.67924	1.29805	1.67469	2.00665	2.40022	2.67373	3.25451
53		0.67915	1.29773	1.67412	2.00575	2.39879	2.67182	3.25127
54		0.67906	1.29743	1.67356	2.00488	2.39741	2.66998	3.24815
55		0.67898	1.29713	1.67303	2.00404	2.39608	2.66822	3.24515
56		0.67890	1.29685	1.67252	2.00324	2.39480	2.66651	3.24226
57		0.67882	1.29658	1.67203	2.00247	2.39357	2.66487	3.23948
58		0.67874	1.29632	1.67155	2.00172	2.39238	2.66329	3.23680
59		0.67867	1.29607	1.67109	2.00100	2.39123	2.66176	3.23421
60		0.67860	1.29582	1.67065	2.00030	2.39012	2.66028	3.23171
61		0.67853	1.29558	1.67022	1.99962	2.38905	2.65886	3.22930
62		0.67847	1.29536	1.66980	1.99897	2.38801	2.65748	3.22696
63		0.67840	1.29513	1.66940	1.99834	2.38701	2.65615	3.22471
64		0.67834	1.29492	1.66901	1.99773	2.38604	2.65485	3.22253
65		0.67828	1.29471	1.66864	1.99714	2.38510	2.65360	3.22041
66		0.67823	1.29451	1.66827	1.99656	2.38419	2.65239	3.21837
67		0.67817	1.29432	1.66792	1.99601	2.38330	2.65122	3.21639
68		0.67811	1.29413	1.66757	1.99547	2.38245	2.65008	3.21446
69		0.67806	1.29394	1.66724	1.99495	2.38161	2.64898	3.21260
70		0.67801	1.29376	1.66691	1.99444	2.38081	2.64790	3.21079
71		0.67796	1.29359	1.66660	1.99394	2.38002	2.64686	3.20903
72		0.67791	1.29342	1.66629	1.99346	2.37926	2.64585	3.20733
73		0.67787	1.29326	1.66600	1.99300	2.37852	2.64487	3.20567
74		0.67782	1.29310	1.66571	1.99254	2.37780	2.64391	3.20406
75		0.67778	1.29294	1.66543	1.99210	2.37710	2.64298	3.20249
76		0.67773	1.29279	1.66515	1.99167	2.37642	2.64208	3.20096
77		0.67769	1.29264	1.66488	1.99125	2.37576	2.64120	3.19948
78		0.67765	1.29250	1.66462	1.99085	2.37511	2.64034	3.19804
79		0.67761	1.29236	1.66437	1.99045	2.37448	2.63950	3.19663
80		0.67757	1.29222	1.66412	1.99006	2.37387	2.63869	3.19526

Lampiran 8 Konsultasi Pembimbing Tugas Akhir



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KONSULTASI BIMBINGAN

Npm : 193402516140
Nama : FADHIL ALGHAFARU
Program Studi : Manajemen
Konsentrasi : Manajemen Keuangan

KONSULTASI PEMBIMBING PROPOSAL

Tanggal	Materi Konsultasi	Status
12 November, 2022	assalamualaikum pak, berikut saya lampirkan file proposal skripsi saya untuk memenuhi syarat seminar pra proposal. untuk kurang lebihnya saya mohon koreksi dan bimbingannya dari bapak, agar penulisan skripsi saya dapat diterima dengan baik. terima kasih pak.	Sudah Ditanggapi

KONSULTASI PEMBIMBING TUGAS AKHIR

Tanggal	Materi Konsultasi	Status
5 February, 2023	assalamualaikum pak, berikut saya lampirkan dokumen tugas akhir versi final lengkap beserta lampirannya	Sudah Ditanggapi
7 February, 2023	cover awal dan akhir	Sudah Ditanggapi
7 February, 2023	lembar pernyataan yang sudah saya ttd	Sudah Ditanggapi
7 February, 2023	kata pengantar	Sudah Ditanggapi
7 February, 2023	abstrak bahasa indonesia	Sudah Ditanggapi
7 February, 2023	abstrak bahasa inggris	Sudah Ditanggapi
7 February, 2023	hasil turnitin 22%	Sudah Ditanggapi
7 February, 2023	lampiran	Sudah Ditanggapi

Lampiran 9 Turnitin

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