

LAMPIRAN-LAMPIRAN

Lampiran 1 : Populasi Penelitian

No	Kode	Perusahaan	Sektor
1	AALI	Astra Agro Lestari Tbk.	Pertanian
2	ANDI	Andira Agro Tbk.	Pertanian
3	ANJT	Austindo Nusantara Jaya Tbk.	Pertanian
4	BISI	BISI International Tbk.	Pertanian
5	BTEK	Bumi Teknokultura Unggul Tbk	Pertanian
6	BWPT	Eagle High Plantations Tbk.	Pertanian
7	CPRO	Central Proteina Prima Tbk.	Pertanian
8	CSRA	Cisadane Sawit Raya Tbk.	Pertanian
9	DSNG	Dharma Satya Nusantara Tbk.	Pertanian
10	FAPA	FAP Agri Tbk.	Pertanian
11	GOLL	Golden Plantation Tbk.	Pertanian
12	GZCO	Gozco Plantations Tbk.	Pertanian
13	IPPE	Indo Pureco Pratama Tbk.	Pertanian
14	JARR	Jhonlin Agro Raya Tbk.	Pertanian
15	JAWA	Jaya Agra Wattie Tbk.	Pertanian
16	LSIP	PP London Sumatra Indonesia Tbk.	Pertanian
17	MAGP	Multi Agro Gemilang Plantation Tbk.	Pertanian
18	MGRO	Mahkota Group Tbk.	Pertanian
19	MKTR	Menthobi Karyatama Raya Tbk.	Pertanian
20	PALM	Provident Agro Tbk.	Pertanian
21	PGUN	Pradiksi Gunatama Tbk.	Pertanian
22	PSGO	Palma Serasih Tbk.	Pertanian
23	SGRO	Sampoerna Agro Tbk.	Pertanian
24	SIMP	Salim Ivomas Pratama Tbk.	Pertanian
25	SMAR	Smart Tbk.	Pertanian
26	SSMS	Sawit Sumbermas Sarana Tbk.	Pertanian
27	STAA	Sumber Tani Agung Resources Tbk.	Pertanian
28	TAPG	Triputra Agro Persada Tbk.	Pertanian
29	TBLA	Tunas Baru Lampung Tbk.	Pertanian
30	TLDN	Teladan Prima Agro Tbk.	Pertanian
31	UNSP	Bakrie Sumatera Plantations Tbk.	Pertanian
32	WAPO	Wahana Pronatural Tbk.	Pertanian
33	ADMR	Adaro Minerals Indonesia Tbk.	Energi
34	ADRO	Adaro Energy Indonesia Tbk.	Energi
35	AIMS	Akbar Indo Makmur Stimec Tbk	Energi
36	AKRA	AKR Corporindo Tbk.	Energi
37	APEX	Apexindo Pratama Duta Tbk.	Energi
38	ARII	Atlas Resources Tbk.	Energi
39	ARTI	Ratu Prabu Energi Tbk.	Energi
40	BBRM	Pelayaran Nasional Bina Buana Tbk.	Energi
41	BESS	Batulicin Nusantara Maritim Tbk.	Energi

42	BIPI	Astrindo Nusantara Infrastruktur Tbk	Energi
43	BOSS	Borneo Olah Sarana Sukses Tbk.	Energi
44	BSML	Bintang Samudera Mandiri Lines Tbk.	Energi
45	BSSR	Baramulti Suksessarana Tbk.	Energi
46	BULL	Buana Lintas Lautan Tbk.	Energi
47	BUMI	Bumi Resources Tbk.	Energi
48	BYAN	Bayan Resources Tbk.	Energi
49	CANI	Capitol Nusantara Indonesia Tbk.	Energi
50	CNKO	Exploitasi Energi Indonesia Tbk.	Energi
51	COAL	Black Diamond Resources Tbk.	Energi
52	DEWA	Darma Henwa Tbk.	Energi
53	DOID	Delta Dunia Makmur Tbk.	Energi
54	DSSA	Dian Swastika SentosaTbk.	Energi
55	DWGL	Dwi Guna Laksana Tbk.	Energi
56	ELSA	Elnusa Tbk.	Energi
57	ENRG	Energi Mega Persada Tbk.	Energi
58	ETWA	Eterindo Wahanatama Tbk.	Energi
59	FIRE	Alfa Energi Investama Tbk.	Energi
60	GEMS	Golden Energy Mines Tbk.	Energi
61	GTBO	Garda Tujuh Buana Tbk.	Energi
62	GTSI	GTS Internasional Tbk.	Energi
63	HITS	Humpuss Intermoda Transportasi Tbk.	Energi
64	HRUM	Harum Energy Tbk.	Energi
65	IATA	MNC Energy Investments Tbk.	Energi
66	INDY	Indika Energy Tbk.	Energi
67	INPS	Indah Prakasa Sentosa Tbk.	Energi
68	ITMA	Sumber Energi Andalan Tbk.	Energi
69	ITMG	Indo Tambangraya Megah Tbk.	Energi
70	JSKY	Sky Energy Indonesia Tbk.	Energi
71	KKGI	Resource Alam Indonesia Tbk.	Energi
72	KOPI	Mitra Energi Persada Tbk.	Energi
73	LEAD	Logindo Samudramakmur Tbk.	Energi
74	MBAP	Mitrabara Adiperdana Tbk.	Energi
75	MBSS	Mitrabahtera Segara Sejati Tbk.	Energi
76	MCOL	Prima Andalan Mandiri Tbk.	Energi
77	MEDC	Medco Energi Internasional Tbk.	Energi
78	MITI	Mitra Investindo Tbk.	Energi
79	MTFN	Capitalinc Investment Tbk.	Energi
80	MYOH	Samindo Resources Tbk.	Energi
81	PGAS	Perusahaan Gas Negara Tbk.	Energi
82	PKPK	Perdana Karya Perkasa Tbk.	Energi
83	PSSI	Pelita Samudera Shipping Tbk.	Energi
84	PTBA	Bukit Asam Tbk.	Energi
85	PTIS	Indo Straits Tbk.	Energi
86	PTRO	Petrosea Tbk.	Energi
87	RAJA	Rukun Raharja Tbk.	Energi

88	RIGS	Rig Tenders Indonesia Tbk.	Energi
89	RMKE	RMK Energy Tbk.	Energi
90	RUIS	Radiant Utama Interinsco Tbk.	Energi
91	SEMA	Semacom Integrated Tbk.	Energi
92	SGER	Sumber Global Energy Tbk.	Energi
93	SHIP	Sillo Maritime Perdana Tbk.	Energi
94	SICO	Sigma Energy Compressindo Tbk.	Energi
95	SMMT	Golden Eagle Energy Tbk.	Energi
96	SMRU	SMR Utama Tbk.	Energi
97	SOCI	Soechi Lines Tbk.	Energi
98	SUGI	Sugih Energy Tbk.	Energi
99	SURE	Super Energy Tbk.	Energi
100	TAMU	Pelayaran Tamarin Samudra Tbk.	Energi
101	TCPI	Transcoal Pacific Tbk.	Energi
102	TEBE	Dana Brata Luhur Tbk.	Energi
103	TOBA	TBS Energi Utama Tbk.	Energi
104	TPMA	Trans Power Marine Tbk.	Energi
105	TRAM	Trada Alam Minera Tbk.	Energi
106	UNIQ	Ulima Nitra Tbk.	Energi
107	WINS	Wintermar Offshore Marine Tbk.	Energi
108	WOWS	Ginting Jaya Energi Tbk.	Energi
109	ABMM	ABM Investama Tbk.	Industri
110	AMFG	Asahimas Flat Glass Tbk.	Industri
111	AMIN	Ateliers Mecaniques D'Indonesie Tbk.	Industri
112	APII	Arita Prima Indonesia Tbk.	Industri
113	ARKA	Arkha Jayanti Persada Tbk.	Industri
114	ARNA	Arwana Citramulia Tbk.	Industri
115	ASGR	Astra Graphia Tbk.	Industri
116	ASII	Astra International Tbk.	Industri
117	BHIT	MNC Asia Holding Tbk.	Industri
118	BINO	Perma Plasindo Tbk.	Industri
119	BLUE	Berkah Prima Perkasa Tbk.	Industri
120	BMTR	Global Mediacom Tbk.	Industri
121	BNBR	Bakrie & Brothers Tbk	Industri
122	CAKK	Cahayaputra Asa Keramik Tbk.	Industri
123	CCSI	Communication Cable Systems Indonesia Tbk.	Industri
124	CTTH	Citatah Tbk.	Industri
125	DYAN	Dyandra Media International Tbk.	Industri
126	GPSO	Geoprima Solusi Tbk.	Industri
127	HEXA	Hexindo Adiperkasa Tbk.	Industri
128	HOPE	Harapan Duta Pertiwi Tbk.	Industri
129	ICON	Island Concepts Indonesia Tbk.	Industri
130	IKBI	Sumi Indo Kabel Tbk.	Industri
131	IMPC	Impack Pratama Industri Tbk.	Industri
132	INDX	Tanah Laut Tbk.	Industri
133	INTA	Intraco Penta Tbk.	Industri

134	JECC	Jembo Cable Company Tbk.	Industri
135	JTPE	Jasuindo Tiga Perkasa Tbk.	Industri
136	KBLI	KMI Wire & Cable Tbk.	Industri
137	KBLM	Kabelindo Murni Tbk.	Industri
138	KIAS	Keramika Indonesia Assosiasi Tbk.	Industri
139	KOBX	Kobexindo Tractors Tbk.	Industri
140	KOIN	Kokoh Inti Arebama Tbk.	Industri
141	KONI	Perdana Bangun Pusaka Tbk.	Industri
142	KPAL	Steadfast Marine Tbk.	Industri
143	KRAH	Grand Kartech Tbk.	Industri
144	KUAS	Ace Oldfields Tbk.	Industri
145	LABA	Ladangbaja Murni Tbk.	Industri
146	LION	Lion Metal Works Tbk.	Industri
147	MARK	Mark Dynamics Indonesia Tbk.	Industri
148	MDRN	Modern Internasional Tbk.	Industri
149	MFMI	Multifiling Mitra Indonesia Tbk.	Industri
150	MLIA	Mulia Industrindo Tbk.	Industri
151	MLPL	Multipolar Tbk.	Industri
152	NTBK	Nusatama Berkah Tbk.	Industri
153	SCCO	Supreme Cable Manufacturing & Commerce Tbk.	Industri
154	SINI	Singaraja Putra Tbk.	Industri
155	SKRN	Superkrane Mitra Utama Tbk.	Industri
156	SOSS	Shield On Service Tbk.	Industri
157	SPTO	Surya Pertiwi Tbk.	Industri
158	TIRA	Tira Austenite Tbk.	Industri
159	TOTO	Surya Toto Indonesia Tbk.	Industri
160	TRIL	Triwira Insanlestari Tbk.	Industri
161	UNTR	United Tractors Tbk.	Industri
162	VOKS	Voksel Electric Tbk.	Industri
163	ZBRA	Dosni Roha Indonesia Tbk.	Industri



Lampiran 2 : Kertas Kerja Identifikasi Sampel (Purposive Sampling)

No	Kode	Laporan Tahunan			Laporan Keberlanjutan			Pengungkapan Minim 1 Item			Hasil
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	AALI	√	√	√	√	√	√	√	√	√	Lolos
2	ANDI	√	√	√	-	-	-	-	-	√	Tidak Lolos
3	ANJT	√	√	√	√	√	√	√	√	√	Lolos
4	BISI	√	√	√	-	√	√	-	√	√	Tidak Lolos
5	BTEK	√	-	-	-	-	-	-	-	-	Tidak Lolos
6	BWPT	√	√	√	√	√	√	√	√	√	Lolos
7	CPRO	√	√	√	-	-	-	-	-	√	Tidak Lolos
8	CSRA										>2019
9	DSNG	√	√	√	-	√	√	-	√	√	Tidak Lolos
10	FAPA										>2019
11	GOLL	√	-	-	-	-	-	-	-	-	Tidak Lolos
12	GZCO	√	√	√	-	-	-	-	-	√	Tidak Lolos
13	IPPE										>2019
14	JARR										>2019
15	JAWA	√	√	√	-	-	√	-	-	√	Tidak Lolos
16	LSIP	√	√	√	√	√	√	√	√	√	Lolos
17	MAGP	-	-	-	-	-	-	-	-	-	Tidak Lolos
18	MGRO	√	√	√	-	√	√	-	√	√	Tidak Lolos
19	MKTR										>2019
20	PALM	√	√	√	-	-	√	-	-	√	Tidak Lolos
21	PGUN										>2019
22	PSGO	√	√	√	-	-	√	-	-	√	Tidak Lolos
23	SGRO	√	√	√	-	-	-	√	√	√	Lolos

24	SIMP	√	√	√	√	√	√	√	√	√	√	Lolos
25	SMAR	√	√	√	√	√	√	√	√	√	√	Tidak Lolos
26	SSMS	√	√	√	√	√	√	√	√	√	√	Lolos
27	STAA											>2019
28	TAPG											>2019
29	TBLA	√	√	√	-	-	√	-	-	√	√	Tidak Lolos
30	TLDN											>2019
31	UNSP	√	√	√	-	-	-	-	-	-	-	Tidak Lolos
32	WAPO	√	√	√	-	-	√	-	-	-	-	Tidak Lolos
33	ADMR											>2019
34	ADRO	√	√	√	√	√	√	√	√	√	√	Lolos
35	AIMS	√	-	-	-	-	-	-	-	-	-	Tidak Lolos
36	AKRA	√	√	√	√	√	√	√	√	√	√	Lolos
37	APEX	√	√	√	-	-	√	-	-	√	√	Tidak Lolos
38	ARII	√	√	√	-	-	-	-	-	-	-	Tidak Lolos
39	ARTI	√	√	√	-	-	√	-	-	-	-	Tidak Lolos
40	BBRM	√	√	√	-	-	-	-	-	-	-	Tidak Lolos
41	BESS											>2019
42	BIPI	√	√	√	-	-	√	-	-	√	√	Tidak Lolos
43	BOSS	√	√	√	-	-	√	-	-	√	√	Tidak Lolos
44	BSML											>2019
45	BSSR	√	√	√	-	-	√	-	-	√	√	Tidak Lolos
46	BULL	√	√	√	-	-	-	-	-	-	-	Tidak Lolos
47	BUMI	√	√	√	√	√	√	√	√	√	√	Lolos
48	BYAN	√	√	√	-	-	√	-	-	√	√	Tidak Lolos
49	CANI	√	√	√	-	-	-	-	-	-	-	Tidak Lolos
50	CNKO	√	√	√	-	-	√	-	-	√	√	Tidak Lolos

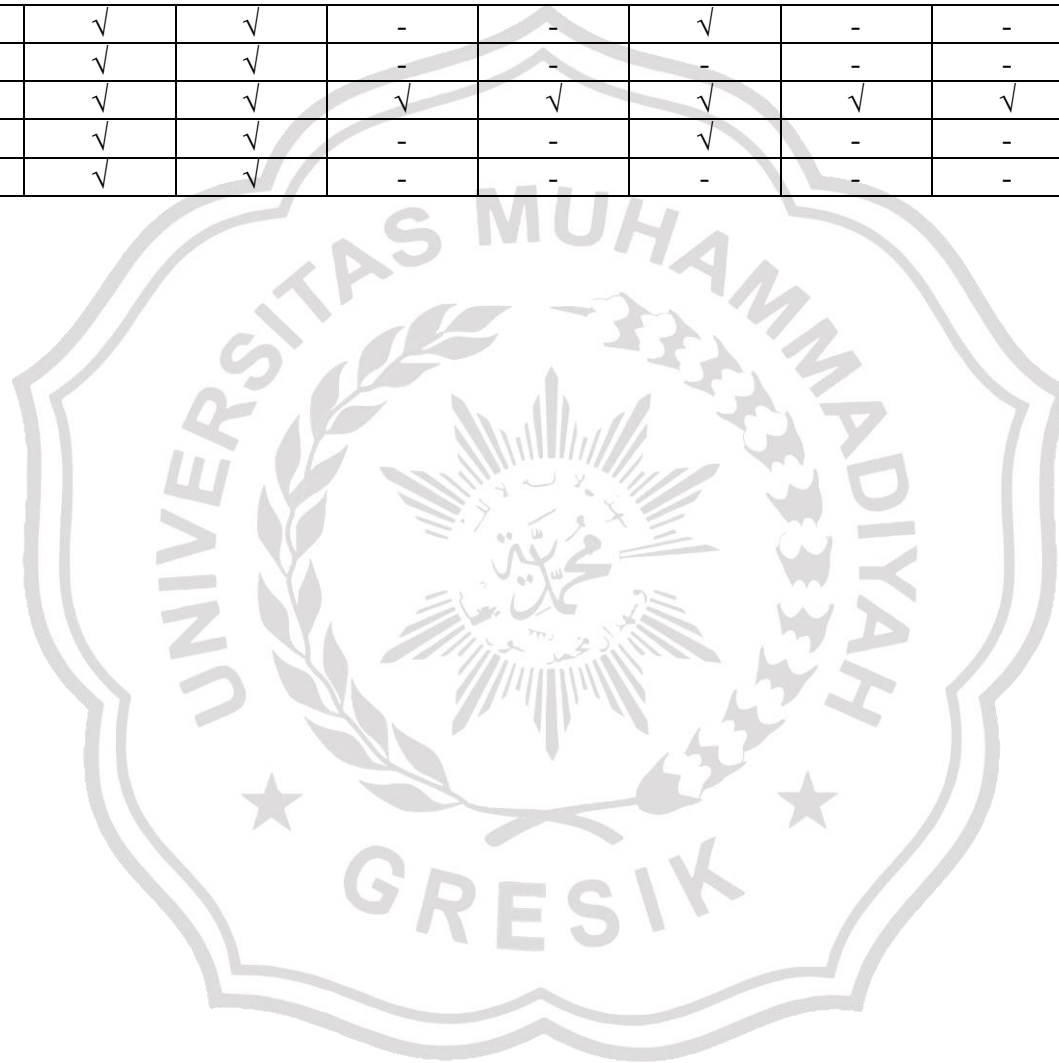
51	COAL											>2019
52	DEWA	√	√	√	√	√	√	√	√	√	√	Lolos
53	DOID	√	√	√	-	-	-	-	-	-	-	Tidak Lolos
54	DSSA	√	√	√	-	-	-	√	√	√	√	Lolos
55	DWGL	√	√	√	-	-	-	-	-	-	√	Tidak Lolos
56	ELSA	√	√	√	√	√	√	√	√	√	√	Lolos
57	ENRG	√	√	√	-	√	√	-	√	√	√	Tidak Lolos
58	ETWA	√	√	√	-	-	√	-	-	-	-	Tidak Lolos
59	FIRE	√	√	√	-	-	√	-	-	-	√	Tidak Lolos
60	GEMS	√	√	√	-	-	√	-	-	-	√	Tidak Lolos
61	GTBO	√	-	-	-	-	-	-	-	-	-	Tidak Lolos
62	GTSI											>2019
63	HITS	√	√	√	-	-	√	-	-	-	√	Tidak Lolos
64	HRUM	√	√	√	-	-	√	-	-	-	√	Tidak Lolos
65	IATA	√	√	√	-	-	√	-	-	-	√	Tidak Lolos
66	INDY	√	√	√	√	√	√	√	√	√	√	Lolos
67	INPS	√	√	-	-	-	-	-	-	-	-	Tidak Lolos
68	ITMA	√	√	√	-	-	√	-	-	-	-	Tidak Lolos
69	ITMG	√	√	√	-	-	-	-	-	-	-	Tidak Lolos
70	JSKY	√	√	√	-	-	-	√	√	√	√	Lolos
71	KKGI	√	√	√	-	-	√	-	-	-	√	Tidak Lolos
72	KOPI	√	√	√	-	-	-	-	-	-	-	Tidak Lolos
73	LEAD	√	√	√	-	-	-	-	-	-	√	Tidak Lolos
74	MBAP	√	√	√	-	-	√	-	-	-	√	Tidak Lolos
75	MBSS	√	√	√	√	√	√	√	√	√	√	Lolos
76	MCOL											>2019
77	MEDC	√	√	√	√	√	√	√	√	√	√	Lolos

78	MITI	√	√	√	-	-	√	-	-	√	Tidak Lolos
79	MTFN	√	√	√	-	-	-	-	-	-	Tidak Lolos
80	MYOH	√	√	√	√	√	√	√	√	√	Lolos
81	PGAS	√	√	√	√	√	√	√	√	√	Lolos
82	PKPK	√	√	√	-	-	√	-	-	√	Tidak Lolos
83	PSSI	√	√	√	-	-	-	-	-	-	Tidak Lolos
84	PTBA	√	√	√	√	√	√	√	√	√	Lolos
85	PTIS	√	√	-	-	-	-	-	-	-	Tidak Lolos
86	PTRO	√	√	√	√	√	√	√	√	√	Lolos
87	RAJA	√	√	√	-	-	√	-	-	√	Tidak Lolos
88	RIGS	√	√	√	-	-	-	-	-	-	Tidak Lolos
89	RMKE										>2019
90	RUIS	√	√	√	-	-	√	-	-	√	Tidak Lolos
91	SEMA										>2019
92	SGER										>2019
93	SHIP	√	√	√	-	-	√	-	-	√	Tidak Lolos
94	SICO										>2019
95	SMMT	√	√	√	-	-	√	-	-	√	Tidak Lolos
96	SMRU	√	√	-	-	-	-	-	-	-	Tidak Lolos
97	SOCI	√	√	√	-	-	-	-	-	√	Tidak Lolos
98	SUGI	-	-	-	-	-	-	-	-	-	Tidak Lolos
99	SURE	√	√	√	-	-	√	-	-	√	Tidak Lolos
100	TAMU	√	√	√	-	-	-	√	-	√	Tidak Lolos
101	TCPI	√	√	√	-	-	√	-	-	√	Tidak Lolos
102	TEBE	√	√	√	-	-	√	-	-	√	Tidak Lolos
103	TOBA	√	√	√	-	√	√	√	√	√	Lolos
104	TPMA	√	√	√	-	-	√	-	-	√	Tidak Lolos

105	TRAM	-	-	-	-	-	-	-	-	-	Tidak Lolos
106	UNIQ										>2019
107	WINS	√	√	√	√	√	√	√	√	√	Lolos
108	WOWS	√	√	√	-	-	-	-	-	-	Tidak Lolos
109	ABMM	√	√	√	-	-	√	-	-	√	Tidak Lolos
110	AMFG	√	√	√	-	-	√	-	-	√	Tidak Lolos
111	AMIN	√	√	√	-	-	√	-	-	√	Tidak Lolos
112	APII	√	√	√	-	-	-	-	-	-	Tidak Lolos
113	ARKA	√	√	√	-	-	√	-	-	√	Tidak Lolos
114	ARNA	√	√	√	-	-	√	-	-	√	Tidak Lolos
115	ASGR	√	√	√	√	√	√	√	√	√	Lolos
116	ASII	√	√	√	√	√	√	√	√	√	Lolos
117	BHIT	√	√	√	-	-	√	-	-	√	Tidak Lolos
118	BINO										>2019
119	BLUE	√	√	√	-	-	√	-	-	√	Tidak Lolos
120	BMTR	√	√	√	-	-	√	-	-	√	Tidak Lolos
121	BNBR	√	√	√	-	√	√	-	√	√	Tidak Lolos
122	CAKK	√	√	√	-	-	√	-	-	√	Tidak Lolos
123	CCSI	√	√	√	-	-	-	-	-	√	Tidak Lolos
124	CTTH	√	√	√	-	-	√	-	-	√	Tidak Lolos
125	DYAN	√	√	√	-	-	√	-	-	√	Tidak Lolos
126	GPSO										>2019
127	HEXA	√	√	√	-	-	√	-	√	√	Tidak Lolos
128	HOPE										>2019
129	ICON	√	√	√	-	-	√	-	-	√	Tidak Lolos
130	IKBI	√	√	√	-	-	√	-	-	√	Tidak Lolos
131	IMPC	√	√	√	√	√	√	√	√	√	Lolos

132	INDX	√	√	√	-	-	√	-	-	√	Tidak Lolos
133	INTA	√	√	√	-	-	-	-	-	√	Tidak Lolos
134	JECC	√	√	√	-	-	√	-	-	√	Tidak Lolos
135	JTPE	√	√	√	-	-	-	-	√	√	Tidak Lolos
136	KBLI	√	√	√	-	-	-	-	-	√	Tidak Lolos
137	KBLM	√	√	-	-	-	-	-	-	-	Tidak Lolos
138	KIAS	√	√	√	-	-	-	-	-	√	Tidak Lolos
139	KOBX	√	√	√	-	-	-	-	-	√	Tidak Lolos
140	KOIN	√	-	-	-	-	-	-	-	-	Tidak Lolos
141	KONI	√	√	-	-	-	-	-	-	-	Tidak Lolos
142	KPAL	-	-	-	-	-	-	-	-	-	Tidak Lolos
143	KRAH	-	-	-	-	-	-	-	-	-	Tidak Lolos
144	KUAS										>2019
145	LABA										>2019
146	LION	√	√	√	-	-	√	-	-	√	Tidak Lolos
147	MARK	√	√	√	-	-	-	-	-	√	Tidak Lolos
148	MDRN	-	-	√	-	-	-	-	-	-	Tidak Lolos
149	MFMI	√	√	√	-	-	√	-	-	√	Tidak Lolos
150	MLIA	√	√	√	-	-	-	-	-	√	Tidak Lolos
151	MLPL	√	√	√	-	-	√	-	-	√	Tidak Lolos
152	NTBK										>2019
153	SCCO	√	√	√	-	-	-	-	-	√	Tidak Lolos
154	SINI	√	√	√	-	-	√	-	-	-	Tidak Lolos
155	SKRN	√	√	√	-	-	√	-	-	√	Tidak Lolos
156	SOSS	√	√	√	-	-	-	-	-	-	Tidak Lolos
157	SPTO	√	√	√	-	-	√	-	-	√	Tidak Lolos
158	TIRA	√	√	√	-	-	√	-	-	√	Tidak Lolos

159	TOTO	√	√	√	-	-	√	-	-	√	Tidak Lolos
160	TRIL	√	√	√	-	-	-	-	-	-	Tidak Lolos
161	UNTR	√	√	√	√	√	√	√	√	√	Lolos
162	VOKS	√	√	√	-	-	√	-	-	√	Tidak Lolos
163	ZBRA	√	√	√	-	-	-	-	-	-	Tidak Lolos



Lampiran 3 : Rekapitulasi Sampel Pengamatan

No	Tahun	Kode	Nama Perusahaan	Sektor
1	2019	AALI	Astra Agro Lestari Tbk.	Pertanian
2	2020	AALI	Astra Agro Lestari Tbk.	Pertanian
3	2021	AALI	Astra Agro Lestari Tbk.	Pertanian
4	2019	ANJT	Austindo Nusantara Jaya Tbk.	Pertanian
5	2020	ANJT	Austindo Nusantara Jaya Tbk.	Pertanian
6	2021	ANJT	Austindo Nusantara Jaya Tbk.	Pertanian
7	2019	BWPT	Eagle High Plantations Tbk.	Pertanian
8	2020	BWPT	Eagle High Plantations Tbk.	Pertanian
9	2021	BWPT	Eagle High Plantations Tbk.	Pertanian
10	2019	LSIP	PP London Sumatra Indonesia Tbk.	Pertanian
11	2020	LSIP	PP London Sumatra Indonesia Tbk.	Pertanian
12	2021	LSIP	PP London Sumatra Indonesia Tbk.	Pertanian
13	2019	SGRO	Sampoerna Agro Tbk.	Pertanian
14	2020	SGRO	Sampoerna Agro Tbk.	Pertanian
15	2021	SGRO	Sampoerna Agro Tbk.	Pertanian
16	2019	SIMP	Salim Ivomas Pratama Tbk.	Pertanian
17	2020	SIMP	Salim Ivomas Pratama Tbk.	Pertanian
18	2021	SIMP	Salim Ivomas Pratama Tbk.	Pertanian
19	2019	SSMS	Sawit Sumbermas Sarana Tbk.	Pertanian
20	2020	SSMS	Sawit Sumbermas Sarana Tbk.	Pertanian
21	2021	SSMS	Sawit Sumbermas Sarana Tbk.	Pertanian
22	2019	ADRO	Adaro Energy Indonesia Tbk.	Energi
23	2020	ADRO	Adaro Energy Indonesia Tbk.	Energi
24	2021	ADRO	Adaro Energy Indonesia Tbk.	Energi
25	2019	AKRA	AKR Corporindo Tbk.	Energi
26	2020	AKRA	AKR Corporindo Tbk.	Energi
27	2021	AKRA	AKR Corporindo Tbk.	Energi
28	2019	BUMI	Bumi Resources Tbk.	Energi
29	2020	BUMI	Bumi Resources Tbk.	Energi
30	2021	BUMI	Bumi Resources Tbk.	Energi
31	2019	DEWA	Darma Henwa Tbk.	Energi
32	2020	DEWA	Darma Henwa Tbk.	Energi
33	2021	DEWA	Darma Henwa Tbk.	Energi
34	2019	DSSA	Dian Swastika Sentosa Tbk.	Energi
35	2020	DSSA	Dian Swastika Sentosa Tbk.	Energi
36	2021	DSSA	Dian Swastika Sentosa Tbk.	Energi
37	2019	ELSA	Elnusa Tbk.	Energi
38	2020	ELSA	Elnusa Tbk.	Energi
39	2021	ELSA	Elnusa Tbk.	Energi
40	2019	INDY	Indika Energy Tbk.	Energi
41	2020	INDY	Indika Energy Tbk.	Energi
42	2021	INDY	Indika Energy Tbk.	Energi
43	2019	JSKY	Sky Energy Indonesia Tbk.	Energi
44	2020	JSKY	Sky Energy Indonesia Tbk.	Energi

45	2021	JSKY	Sky Energy Indonesia Tbk.	Energi
46	2019	MBSS	Mitrabahtera Segara Sejati Tbk.	Energi
47	2020	MBSS	Mitrabahtera Segara Sejati Tbk.	Energi
48	2021	MBSS	Mitrabahtera Segara Sejati Tbk.	Energi
49	2019	MEDC	Medco Energi Internasional Tbk.	Energi
50	2020	MEDC	Medco Energi Internasional Tbk.	Energi
51	2021	MEDC	Medco Energi Internasional Tbk.	Energi
52	2019	MYOH	Samindo Resources Tbk.	Energi
53	2020	MYOH	Samindo Resources Tbk.	Energi
54	2021	MYOH	Samindo Resources Tbk.	Energi
55	2019	PGAS	Perusahaan Gas Negara Tbk.	Energi
56	2020	PGAS	Perusahaan Gas Negara Tbk.	Energi
57	2021	PGAS	Perusahaan Gas Negara Tbk.	Energi
58	2019	PTBA	Bukit Asam Tbk.	Energi
59	2020	PTBA	Bukit Asam Tbk.	Energi
60	2021	PTBA	Bukit Asam Tbk.	Energi
61	2019	PTRO	Petrosea Tbk.	Energi
62	2020	PTRO	Petrosea Tbk.	Energi
63	2021	PTRO	Petrosea Tbk.	Energi
64	2019	TOBA	TBS Energi Utama Tbk.	Energi
65	2020	TOBA	TBS Energi Utama Tbk.	Energi
66	2021	TOBA	TBS Energi Utama Tbk.	Energi
67	2019	WINS	Wintermar Offshore Marine Tbk.	Energi
68	2020	WINS	Wintermar Offshore Marine Tbk.	Energi
69	2021	WINS	Wintermar Offshore Marine Tbk.	Energi
70	2019	ASGR	Astra Graphia Tbk.	Industri
71	2020	ASGR	Astra Graphia Tbk.	Industri
72	2021	ASGR	Astra Graphia Tbk.	Industri
73	2019	ASII	Astra International Tbk.	Industri
74	2020	ASII	Astra International Tbk.	Industri
75	2021	ASII	Astra International Tbk.	Industri
76	2019	IMPC	Impack Pratama Industri Tbk.	Industri
77	2020	IMPC	Impack Pratama Industri Tbk.	Industri
78	2021	IMPC	Impack Pratama Industri Tbk.	Industri
79	2019	UNTR	United Tractors Tbk.	Industri
80	2020	UNTR	United Tractors Tbk.	Industri
81	2021	UNTR	United Tractors Tbk.	Industri

Lampiran 4 : Kertas Kerja Analisis Variabel Pengungkapan Emisi Karbon

No	Tahun	Kode	CC1	CC2	GHG1	GHG2	GHG3	GHG4	GHG5	GHG6	GHG7	EC1	EC2	EC3	RC1	RC2	RC3	RC4	ACC1	ACC2	Total
1	2019	AALI	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
2	2019	ANJT	1	1	1	1	1	1	0	0	1	1	1	1	1	0	1	0	1	1	14
3	2019	BWPT	1	0	1	0	1	1	1	0	1	1	0	0	1	0	0	0	0	0	8
4	2019	LSIP	1	0	1	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	10
5	2019	SGRO	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
6	2019	SIMP	1	0	1	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	10
7	2019	SSMS	0	0	1	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	9
8	2019	ADRO	1	0	1	0	1	1	0	0	1	1	1	0	1	0	0	0	0	0	8
9	2019	AKRA	0	1	1	0	1	1	1	0	1	1	0	0	1	0	0	0	0	0	8
10	2019	BUMI	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	9
11	2019	DEWA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
12	2019	DSSA	1	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	9
13	2019	ELSA	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
14	2019	INDY	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	6
15	2019	JSKY	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
16	2019	MBSS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
17	2019	MEDC	0	0	0	1	1	1	1	0	1	1	1	0	1	0	0	0	0	0	8
18	2019	MYOH	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
19	2019	PGAS	1	0	1	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	12
20	2019	PTBA	0	0	0	0	1	1	0	0	1	1	1	1	1	0	1	0	1	0	9
21	2019	PTRO	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
22	2019	TOBA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
23	2019	WINS	0	0	0	0	1	1	0	0	1	1	0	0	1	0	1	0	1	1	8
24	2019	ASGR	0	0	0	0	1	1	1	0	1	1	0	1	1	0	0	0	0	0	7
25	2019	ASII	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	4
26	2019	IMPC	0	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	7
27	2019	UNTR	1	0	1	0	1	1	1	0	1	1	0	0	1	0	0	0	0	0	8
28	2020	AALI	0	0	1	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	8
29	2020	ANJT	1	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	1	15

30	2020	BWPT	1	0	1	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	10
31	2020	LSIP	1	0	1	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	10
32	2020	SGRO	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
33	2020	SIMP	1	0	1	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	10
34	2020	SSMS	0	0	1	0	1	1	1	0	1	1	1	1	1	0	1	0	0	0	10
35	2020	ADRO	1	0	1	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	10
36	2020	AKRA	0	1	1	0	1	1	0	0	1	1	0	0	1	0	0	0	0	0	7
37	2020	BUMI	1	0	0	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	11
38	2020	DEWA	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	3
39	2020	DSSA	1	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	9
40	2020	ELSA	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
41	2020	INDY	1	1	0	0	1	1	0	0	1	1	1	0	1	1	0	0	0	0	9
42	2020	JSKY	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
43	2020	MBSS	0	0	0	0	1	1	1	0	0	1	0	0	1	0	0	0	0	0	5
44	2020	MEDC	0	0	1	1	1	1	1	0	1	1	0	0	1	0	0	0	0	0	8
45	2020	MYOH	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
46	2020	PGAS	1	0	1	0	1	1	1	0	1	1	1	1	1	0	1	0	0	0	11
47	2020	PTBA	0	0	0	1	1	1	1	0	1	1	1	1	1	0	1	0	1	0	11
48	2020	PTRO	0	0	1	0	1	1	1	0	1	1	1	0	1	0	0	0	0	0	8
49	2020	TOBA	0	0	0	0	1	1	1	0	1	1	1	1	1	0	1	0	0	0	9
50	2020	WINS	0	0	0	0	1	1	0	0	1	1	1	1	1	0	1	0	1	0	9
51	2020	ASGR	0	0	0	0	1	1	1	0	1	1	0	1	1	0	0	0	0	0	7
52	2020	ASII	0	0	0	0	1	0	0	0	1	1	0	0	1	1	1	0	1	0	7
53	2020	IMPC	1	1	0	0	1	0	1	0	1	1	1	1	1	1	1	0	1	1	13
54	2020	UNTR	0	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	8
55	2021	AALI	1	0	1	0	1	1	1	0	1	1	1	1	1	1	0	0	0	0	11
56	2021	ANJT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	16
57	2021	BWPT	1	0	1	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	10
58	2021	LSIP	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	11
59	2021	SGRO	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	5
60	2021	SIMP	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	11
61	2021	SSMS	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	0	0	12
62	2021	ADRO	1	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	9

63	2021	AKRA	1	1	1	0	1	1	0	0	1	1	0	1	1	1	0	0	0	0	10
64	2021	BUMI	1	0	0	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	11
65	2021	DEWA	0	0	1	1	1	1	0	0	1	1	0	0	1	1	0	0	0	0	8
66	2021	DSSA	1	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	9
67	2021	ELSA	0	0	0	0	1	1	0	0	1	1	0	1	1	0	0	0	0	0	6
68	2021	INDY	1	1	0	1	1	1	0	0	1	1	1	1	1	1	0	0	1	1	13
69	2021	JSKY	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
70	2021	MBSS	0	0	0	0	1	1	1	0	1	1	0	0	1	0	1	0	0	0	7
71	2021	MEDC	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	1	15
72	2021	MYOH	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
73	2021	PGAS	1	0	1	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	12
74	2021	PTBA	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	0	13
75	2021	PTRO	1	1	1	1	1	1	1	0	1	1	1	0	1	0	0	0	1	0	12
76	2021	TOBA	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	12
77	2021	WINS	0	0	1	0	1	1	0	1	1	1	1	1	1	0	1	0	1	1	12
78	2021	ASGR	0	0	0	0	1	1	1	0	1	1	0	1	1	0	0	0	0	0	7
79	2021	ASII	0	0	1	1	1	1	0	0	1	1	1	1	1	0	1	0	1	0	11
80	2021	IMPC	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	0	1	1	14
81	2021	UNTR	0	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	8
Total			33	15	39	19	64	60	46	3	62	72	49	50	73	13	24	1	18	9	

Lampiran 5 : Kertas Kerja Perhitungan Variabel Dewan Direksi Wanita

No	Kode	2019		2020		2021		Proporsi		
			Proporsi		Proporsi		Proporsi		Proporsi	
1	AALI	Santosa	0	7	Santosa	0	7	Santosa	0	7
		Joko Supriyono			Joko Supriyono			Mario C. Surung Gultom		
		Rujito Purnomo			Rujito Purnomo			Rujito Purnomo		
		Said Fakhrollaz			Said Fakhrollaz			Said Fakhrollaz		
		M. Hadi Sugeng Wahyudiono			M. Hadi Sugeng Wahyudiono			M. Hadi Sugeng Wahyudiono		
		Nico Tahir			Nico Tahir			Nico Tahir		
		Mario C. Surung Gultom			Mario C. Surung Gultom			Eko Prasetyo		
2	ANJT	Istini Tatiek Siddharta	1	5	Istini Tatiek Siddharta	1	5	Lucas Kurniawan	1	5
		Lucas Kurniawan			Lucas Kurniawan			Geetha Govindan		
		Geetha Govindan			Geetha Govindan			Naga Waskita		
		Naga Waskita			Naga Waskita			Aloysius D'Cruz		
		Fakri Karim			Fakri Karim			Nopri Pitoy		
3	BWPT	Ramesh Veloo	0	7	Yeoh Lean Khai	0	4	Yeoh Lean Khai	0	4
		Denys Collin Munang			Andrew Haryono			Andrew Haryono		
		Henderi Djunaidi			Ramesh Veloo			Ramesh Veloo		
		Yeoh Lean Khai			Henderi Djunaidi			Henderi Djunaidi		
		Andrew Haryono								
		Gelora Sinuraya								
		Deddy Setiadi								
4	LSIP	Benny Tjoeng	0	6	Benny Tjoeng	0	6	Benny Tjoeng	0	6
		Tan Agustinus Dermawan			Tan Agustinus Dermawan			Tan Agustinus Dermawan		
		Tio Eddy Hariyanto			Tio Eddy Hariyanto			Tio Eddy Hariyanto		
		Johnny Ponto			Johnny Ponto			Johnny Ponto		
		Joefly Joesoef Bahroeny			Joefly Joesoef Bahroeny			Joefly Joesoef Bahroeny		
		Alamsyah			Alamsyah			Alamsyah		
5	SGRO	Budi Setiawan Halim	0	4	Budi Setiawan Halim	0	6	Budi Setiawan Halim	0	6

		Dwi Asmono			Dwi Asmono			Dwi Asmono		
		Hero Djajakusumah			Hero Djajakusumah			Hero Djajakusumah		
		Lim King Hui			Lim King Hui			Lim King Hui		
					Parluhutan Sitohang			Parluhutan Sitohang		
					Heri Harjanto			Heri Harjanto		
6	SIMP	Mark Julian Wakeford	0	7	Mark Julian Wakeford	0	7	Mark Julian Wakeford	0	7
		Paulus Moleonoto			Paulus Moleonoto			Paulus Moleonoto		
		Suaimi Suriady			Suaimi Suriady			Suaimi Suriady		
		Tan Agustinus Dermawan			Tan Agustinus Dermawan			Tan Agustinus Dermawan		
		Soenardi Winarto			Soenardi Winarto			Soenardi Winarto		
		Johnny Ponto			Johnny Ponto			Johnny Ponto		
		Yohanes Djoko Junianto			Yohanes Djoko Junianto			Yohanes Djoko Junianto		
7	SSMS	Vallauthan Subraminam	0	4	Vallauthan Subraminam	0	3	Vallauthan Subraminam	0	3
		Ramzi Sastra			Ramzi Sastra			Nasarudin Bin Nasir		
		Nasarudin Bin Nasir			Nasarudin Bin Nasir			Jap Hartono		
		Nicholas Justin Whittle								
8	ADRO	Garibaldi Thohir	0	5	Garibaldi Thohir	0	5	Garibaldi Thohir	0	5
		Christian Ariano Rachmat			Christian Ariano Rachmat			Christian Ariano Rachmat		
		Chia Ah hoo			Chia Ah hoo			Chia Ah hoo		
		M. Syah Indra Aman			M. Syah Indra Aman			M. Syah Indra Aman		
		Julius Aslan			Julius Aslan			Julius Aslan		
9	AKRA	Haryanto Adikoesoemo	3	8	Haryanto Adikoesoemo	3	7	Haryanto Adikoesoemo	3	7
		Jimmy Tandyo			Jimmy Tandyo			Jimmy Tandyo		
		Bambang Soetiono Soedijanto			Bambang Soetiono Soedijanto			Bambang Soetiono Soedijanto		
		Arief Budiman Utomo			Mery Sofi			Mery Sofi		
		Mery Sofi			Suresh Vembu			Suresh Vembu		
		Suresh Vembu			Nery Polim			Nery Polim		
		Nery Polim			Termurti Tiban			Termurti Tiban		
		Termurti Tiban								
10	BUMI	Saptari Hoedaja	1	7	Saptari Hoedaja	1	11	Adika Nuraga Bakrie	1	11

		Andrew C. Beckham			Nalinkant A. Rathod			Nalinkant A. Rathod		
		Dileep Srivastava			Adika Nuraga Bakrie			Andrew C. Beckham		
		R.A. Sri Dharmayanti			Andrew C. Beckham			R.A. Sri Dharmayanti		
		Xuefeng Ruan			R.A. Sri Dharmayanti			Dileep Srivastava		
		Linjun Zhang			Dileep Srivastava			Ashok Mitra		
		Yingbin Ian He			Ashok Mitra			Maringan MIH Hutabarat		
					Maringan MIH Hutabarat			Xuefeng Ruan		
					Xuefeng Ruan			Linjun Zhang		
					Linjun Zhang			Yingbin Ian He		
					Yingbin Ian He			Rio Supin		
11	DEWA	Saptari Hoedaja	0	5	Saptari Hoedaja	0	5	Rio Supin	0	3
		Faisal Firdaus			Prabhakaran Balasubramanian			Prabhakaran Balasubramanian		
		Ivi Sumarna Suryana			Ivi Sumarna Suryana			Agus Efendi		
		Agus Efendi			Agus Efendi					
		Djajeng P. Andalsawanto			Rio Supin					
12	DSSA	L. Krisnan Cahya	1	4	L. Krisnan Cahya	0	4	L. Krisnan Cahya	0	6
		Lanny			Lokita Prasetya			Lokita Prasetya		
		Dr. Hermawan Tarjono			Dr. Hermawan Tarjono			Dr. Hermawan Tarjono		
		Lokita Prasetya			Andrijanto			Handhianto Suryo Kentjono		
								Daniel Cahya		
								Alex Sutanto		
13	ELSA	Elizar Parlindungan Hasibuan	0	4	Ali Mundakir	1	4	John Hisar Simamora	2	5
		Hery Setiawan			Arief Riyanto			Bachtiar Soeria Atmadja		
		Arief Riyanto			Hery Setiawan			Charles Harianto Lumbantobing		
		R. M. Happy Paringhadi			Tenny Elfrida			Ratih Esti Prihatini		
								Tenny Elfrida		
14	INDY	M. Arsjad Rasjid P.M	0	3	M. Arsjad Rasjid P.M	1	5	M. Arsjad Rasjid P.M	1	5
		Azis Armand			Azis Armand			Azis Armand		
		Eddy Junaedy Danu			Retina Rosabai			Retina Rosabai		

				Purbaja Pantja			Purbaja Pantja			
				Kamen K. Palatov			Kamen K. Palatov			
15	JSKY	Jackson Tandino	1	4	Christopher Liawan	1	3	Christopher Liawan	1	3
		Hengky Loa			Naoki Ishikawa			Naoki Ishikawa		
		Naoki Ishikawa			Pui Siat Ha			Pui Siat Ha		
		Pui Siat Ha								
16	MBSS	Susana Germino	1	5	Susana Germino	1	4	Armand Setiawan Tanudjaja	2	4
		Lucas Djunaidi			Burhan Sutanto			Ferdinand Chavez Mapaye		
		Adhitya Nugroho			Adhitya Nugroho			Maria Anggar Kusumawati		
		Burhan Sutanto			Surya Aribowo			Susan Faustine		
		Surya Aribowo								
17	MEDC	Hilmi Panigoro	0	5	Hilmi Panigoro	0	5	Hilmi Panigoro	0	5
		Roberto Lorato			Roberto Lorato			Roberto Lorato		
		Anthony R. Mathias			Anthony R. Mathias			Anthony R. Mathias		
		Ronald Gunawan			Ronald Gunawan			Ronald Gunawan		
		Amri Siahaan			Amri Siahaan			Amri Siahaan		
18	MYOH	Baek, Weon Son	0	4	Baek, Weon Son	0	4	Baek, Weon Son	0	4
		Kim, Jung Gyun			Kim, Jung Gyun			Kim, Jung Gyun		
		Ahmad Saleh			Gilbert Markus Nisahpih			Gilbert Markus Nisahpih		
		Kim, Hun Sung			Kim, Hun Sung			Jeong, Subok		
19	PGAS	Gigih Prakoso	1	6	Suko Hartono	0	6	M. Haryo Yuniyanto	0	6
		Dilo Seno Widagdo			Arie Nobelta Kaban			Fadjar Harianto Widodo		
		Redy Ferryanto			Redy Ferryanto			Achmad Mughtasyar		
		Desima E Siahaan			Faris Aziz			Faris Aziz		
		Arie Nobelta Kaban			Syahrial Mukhtar			Heru Setiawan		
		Syahrial Mukhtar			Beni Syarif Hidayat			Beni Syarif Hidayat		
20	PTBA	Ir. Arviyan Arifin	0	6	Ir. Arviyan Arifin	0	6	Suherman	1	5
		Ir. Fuad Iskandar Zulkarnain F.			Ir. Hadis Surya Palapa			Suhedi		
		Mega Satria			Adib Ubaidillah			Arsal Ismail		

		Ir. Joko Pramono			Ir. Fuad Iskandar Zulkarnain F.			Farida Thamrin		
		Adib Ubaidillah			Ir. Joko Pramono			Rafli Yandra		
		Drs. Suryo Eko Hadianto			Mega Satria					
21	PTRO	Hanifa Indradjaya	0	3	Hanifa Indradjaya	1	3	Hanifa Indradjaya	1	3
		Johanes Ispurnawan			Romi Novan Indrawan			Romi Novan Indrawan		
		Romi Novan Indrawan			Meinar Kusumastuti			Meinar Kusumastuti		
22	TOBA	Alvin Firman Sunanda	1	5	Pandu Patria Sjahrir	1	5	Dicky Yordan	0	4
		Teguh Alamsyah			Alvin Firman Sunanda			Pandu Patria Sjahrir		
		Justarina Sinta Marisi Naiborh			Dicky Yordan			Alvin Firman Sunanda		
		Dicky Yordan			Teguh Alamsyah			Teguh Alamsyah		
		Pandu Patria Sjahrir			Justarina Sinta Marisi Naiborh					
23	WINS	Sugiman Layanto	1	5	Sugiman Layanto	1	5	Sugiman Layanto	1	5
		Janto Lili			Janto Lili			Janto Lili		
		Donny Indrasworo			Donny Indrasworo			Donny Indrasworo		
		Nely Layanto			Nely Layanto			Nely Layanto		
		Muhamad Shanie Mubarak			Muhamad Shanie Mubarak			Muhamad Shanie Mubarak		
24	ASGR	Herrijadi Halim	0	4	Hendrix Pramana	0	4	Hendrix Pramana	0	4
		Hendrix Pramana			Halim Wahjana			Halim Wahjana		
		Halim Wahjana			King Iriawan Sutanto			King Iriawan Sutanto		
		Mangara Pangaribuan			Widi Triwibowo			Widi Triwibowo		
25	ASII	Prijono Sugiarto	1	11	Djony Bunarto Tjondro	1	9	Djony Bunarto Tjondro	1	9
		Djony Bunarto Tjondro			Johannes Loman			Johannes Loman		
		Johannes Loman			Suparno Djasmin			Suparno Djasmin		
		Suparno Djasmin			Chiew Sin Cheok			Chiew Sin Cheok		
		Bambang Widjanarko Santoso			Gidion Hasan			Gidion Hasan		
		Chiew Sin Cheok			Henry Tanoto			Henry Tanoto		
		Gidion Hasan			Santosa			Santosa		
		Henry Tanoto			Gita Tiffani Boer			Gita Tiffani Boer		
		Santosa			FXL Kesuma			FXL Kesuma		
		Gita Tiffani Boer								

		FXL Kesuma								
26	IMPC	Haryanto Tjiptodihardjo	2	7	Haryanto Tjiptodihardjo	2	8	Haryanto Tjiptodihardjo	2	8
		Nga Seg Min			Nga Seg Min			Nga Seg Min		
		Lindawati			Lindawati			Lindawati		
		David Herman Liasdanu			David Herman Liasdanu			David Herman Liasdanu		
		Janto Salim			Janto Salim			Janto Salim		
		Allend Wibowo			Lisan			Lisan		
		Lisan			Sugiarto Romeli			Sugiarto Romeli		
					Wira Yuwana			Wira Yuwana		
27	UNTR	Frans Kesuma	0	6	Frans Kesuma	0	6	Frans Kesuma	0	6
		Iman Nurwahyu			Iman Nurwahyu			Iman Nurwahyu		
		Loudy Irwanto Ellias			Loudy Irwanto Ellias			Loudy Irwanto Ellias		
		Iwan Hadianoro			Iwan Hadianoro			Iwan Hadianoro		
		Idot Supriadi			Idot Supriadi			Idot Supriadi		
		Edhie Sarwono			Edhie Sarwono			Edhie Sarwono		



Lampiran 6 : Kertas Kerja Perhitungan Variabel Komite Keberlanjutan

No	Tahun	Kode	Komite Keberlanjutan	Keterangan
1	2019	AALI	0	-
2	2019	ANJT	1	Komite CSR dan Keberlanjutan
3	2019	BWPT	0	-
4	2019	LSIP	0	-
5	2019	SGRO	0	-
6	2019	SIMP	0	-
7	2019	SSMS	0	-
8	2019	ADRO	0	-
9	2019	AKRA	0	-
10	2019	BUMI	0	-
11	2019	DEWA	0	-
12	2019	DSSA	0	-
13	2019	ELSA	0	-
14	2019	INDY	0	-
15	2019	JSKY	0	-
16	2019	MBSS	0	-
17	2019	MEDC	0	-
18	2019	MYOH	0	-
19	2019	PGAS	0	-
20	2019	PTBA	1	Komite Risiko Usaha, Pascatambang, CSR, Nominasi, Remunerasi & Pengembangan Sumber Daya Manusia
21	2019	PTRO	0	-
22	2019	TOBA	0	-
23	2019	WINS	1	Komite Keberlanjutan
24	2019	ASGR	0	-
25	2019	ASII	0	-
26	2019	IMPC	0	-
27	2019	UNTR	0	-
28	2020	AALI	0	-
29	2020	ANJT	1	Komite CSR dan Keberlanjutan
30	2020	BWPT	0	-
31	2020	LSIP	0	-
32	2020	SGRO	1	Komite CSR
33	2020	SIMP	0	-
34	2020	SSMS	0	-
35	2020	ADRO	0	-
36	2020	AKRA	0	-
37	2020	BUMI	1	Komite Lingkungan, Sosial dan Tata Kelola
38	2020	DEWA	0	-

39	2020	DSSA	0	-
40	2020	ELSA	0	-
41	2020	INDY	0	-
42	2020	JSKY	0	-
43	2020	MBSS	0	-
44	2020	MEDC	0	-
45	2020	MYOH	0	-
46	2020	PGAS	0	-
47	2020	PTBA	1	Komite Risiko Usaha, Pascatambang, CSR, Nominasi, Remunerasi & Pengembangan Sumber Daya Manusia
48	2020	PTRO	0	-
49	2020	TOBA	0	-
50	2020	WINS	1	Komite Keberlanjutan
51	2020	ASGR	0	-
52	2020	ASII	0	-
53	2020	IMPC	0	-
54	2020	UNTR	0	-
55	2021	AALI	0	-
56	2021	ANJT	1	Komite CSR dan Keberlanjutan
57	2021	BWPT	0	-
58	2021	LSIP	0	-
59	2021	SGRO	1	Komite CSR
60	2021	SIMP	0	-
61	2021	SSMS	0	-
62	2021	ADRO	0	-
63	2021	AKRA	0	-
64	2021	BUMI	1	Komite Lingkungan, Sosial dan Tata Kelola
65	2021	DEWA	0	-
66	2021	DSSA	0	-
67	2021	ELSA	0	-
68	2021	INDY	1	Komite Keberlanjutan
69	2021	JSKY	0	-
70	2021	MBSS	0	-
71	2021	MEDC	1	Komite Keberlanjutan dan Manajemen Risiko
72	2021	MYOH	0	-
73	2021	PGAS	0	-
74	2021	PTBA	1	Komite Risiko Usaha, Pascatambang, CSR, Nominasi, Remunerasi & Pengembangan Sumber Daya Manusia
75	2021	PTRO	1	Komite Keberlanjutan
76	2021	TOBA	0	-
77	2021	WINS	1	Komite Keberlanjutan

78	2021	ASGR	0	-
79	2021	ASII	0	-
80	2021	IMPC	0	-
81	2021	UNTR	0	-



Lampiran 7 : Hasil Perhitungan Variabel

No	Kode	Tahun	Pengungkapan Emisi Karbon (Y)			Dewan Direksi Wanita (X1)			SUSTCOM
			Item yang diungkapkan	Item Keseluruhan	CED	Jumlah Direksi Wanita	Total Dewan Direksi	NFDB	
1	AALI	2019	2	18	0,111111111	0	7	0	0
		2020	8	18	0,444444444	0	7	0	0
		2021	11	18	0,611111111	0	7	0	0
2	ANJT	2019	14	18	0,777777778	1	5	0,2	1
		2020	15	18	0,833333333	1	5	0,2	1
		2021	16	18	0,888888889	1	5	0,2	1
3	BWPT	2019	8	18	0,444444444	0	7	0	0
		2020	10	18	0,555555556	0	4	0	0
		2021	10	18	0,555555556	0	4	0	0
4	LSIP	2019	10	18	0,555555556	0	6	0	0
		2020	10	18	0,555555556	0	6	0	0
		2021	11	18	0,611111111	0	6	0	0
5	SGRO	2019	2	18	0,111111111	0	4	0	0
		2020	2	18	0,111111111	0	6	0	1
		2021	5	18	0,277777778	0	6	0	1
6	SIMP	2019	10	18	0,555555556	0	7	0	0
		2020	10	18	0,555555556	0	7	0	0
		2021	11	18	0,611111111	0	7	0	0

7	SSMS	2019	9	18	0,5	0	4	0	0
		2020	10	18	0,555555556	0	3	0	0
		2021	12	18	0,666666667	0	3	0	0
8	ADRO	2019	8	18	0,444444444	0	5	0	0
		2020	10	18	0,555555556	0	5	0	0
		2021	9	18	0,5	0	5	0	0
9	AKRA	2019	8	18	0,444444444	3	8	0,375	0
		2020	7	18	0,388888889	3	7	0,428571429	0
		2021	10	18	0,555555556	3	7	0,428571429	0
10	BUMI	2019	9	18	0,5	1	7	0,142857143	0
		2020	11	18	0,611111111	1	11	0,090909091	1
		2021	11	18	0,611111111	1	11	0,090909091	1
11	DEWA	2019	1	18	0,055555556	0	5	0	0
		2020	3	18	0,166666667	0	5	0	0
		2021	8	18	0,444444444	0	3	0	0
12	DSSA	2019	9	18	0,5	1	4	0,25	0
		2020	9	18	0,5	0	4	0	0
		2021	9	18	0,5	0	6	0	0
13	ELSA	2019	2	18	0,111111111	0	4	0	0
		2020	2	18	0,111111111	1	4	0,25	0
		2021	6	18	0,333333333	2	5	0,4	0
14	INDY	2019	6	18	0,333333333	0	3	0	0
		2020	9	18	0,5	1	5	0,2	0
		2021	13	18	0,722222222	1	5	0,2	1

15	JSKY	2019	1	18	0,055555556	1	4	0,25	0
		2020	1	18	0,055555556	1	3	0,333333333	0
		2021	2	18	0,111111111	1	3	0,333333333	0
16	MBSS	2019	2	18	0,111111111	1	5	0,2	0
		2020	5	18	0,277777778	1	4	0,25	0
		2021	7	18	0,388888889	2	4	0,5	0
17	MEDC	2019	8	18	0,444444444	0	5	0	0
		2020	8	18	0,444444444	0	5	0	0
		2021	15	18	0,833333333	0	5	0	1
18	MYOH	2019	1	18	0,055555556	0	4	0	0
		2020	1	18	0,055555556	0	4	0	0
		2021	1	18	0,055555556	0	4	0	0
19	PGAS	2019	12	18	0,666666667	1	6	0,166666667	0
		2020	11	18	0,611111111	0	6	0	0
		2021	12	18	0,666666667	0	6	0	0
20	PTBA	2019	9	18	0,5	0	6	0	1
		2020	11	18	0,611111111	0	6	0	1
		2021	13	18	0,722222222	1	5	0,2	1
21	PTRO	2019	2	18	0,111111111	0	3	0	0
		2020	8	18	0,444444444	1	3	0,333333333	0
		2021	12	18	0,666666667	1	3	0,333333333	1
22	TOBA	2019	1	18	0,055555556	1	5	0,2	0
		2020	9	18	0,5	1	5	0,2	0
		2021	12	18	0,666666667	0	4	0	0

23	WINS	2019	8	18	0,444444444	1	5	0,2	1
		2020	9	18	0,5	1	5	0,2	1
		2021	12	18	0,666666667	1	5	0,2	1
24	ASGR	2019	7	18	0,388888889	0	4	0	0
		2020	7	18	0,388888889	0	4	0	0
		2021	7	18	0,388888889	0	4	0	0
25	ASII	2019	4	18	0,222222222	1	11	0,090909091	0
		2020	7	18	0,388888889	1	9	0,111111111	0
		2021	11	18	0,611111111	1	9	0,111111111	0
26	IMPC	2019	7	18	0,388888889	2	7	0,285714286	0
		2020	13	18	0,722222222	2	8	0,25	0
		2021	14	18	0,777777778	2	8	0,25	0
27	UNTR	2019	8	18	0,444444444	0	6	0	0
		2020	8	18	0,444444444	0	6	0	0
		2021	8	18	0,444444444	0	6	0	0

Lampiran 8 : Rakapan Data Perhitungan Variabel

No	Tahun	Kode	CED (Y)	NFDB (X1)	SUSTCOM (X2)
1	2019	AALI	0,11	0,00	0,00
2	2019	ANJT	0,78	0,20	1,00
3	2019	BWPT	0,44	0,00	0,00
4	2019	LSIP	0,56	0,00	0,00
5	2019	SGRO	0,11	0,00	0,00
6	2019	SIMP	0,56	0,00	0,00
7	2019	SSMS	0,50	0,00	0,00
8	2019	ADRO	0,44	0,00	0,00
9	2019	AKRA	0,44	0,38	0,00
10	2019	BUMI	0,50	0,14	0,00
11	2019	DEWA	0,06	0,00	0,00
12	2019	DSSA	0,50	0,25	0,00
13	2019	ELSA	0,11	0,00	0,00
14	2019	INDY	0,33	0,00	0,00
15	2019	JSKY	0,06	0,25	0,00
16	2019	MBSS	0,11	0,20	0,00
17	2019	MEDC	0,44	0,00	0,00
18	2019	MYOH	0,06	0,00	0,00
19	2019	PGAS	0,67	0,17	0,00
20	2019	PTBA	0,50	0,00	1,00
21	2019	PTRO	0,11	0,00	0,00
22	2019	TOBA	0,06	0,20	0,00
23	2019	WINS	0,44	0,20	1,00
24	2019	ASGR	0,39	0,00	0,00
25	2019	ASII	0,22	0,09	0,00
26	2019	IMPC	0,39	0,29	0,00
27	2019	UNTR	0,44	0,00	0,00
28	2020	AALI	0,44	0,00	0,00
29	2020	ANJT	0,83	0,20	1,00
30	2020	BWPT	0,56	0,00	0,00
31	2020	LSIP	0,56	0,00	0,00
32	2020	SGRO	0,11	0,00	1,00
33	2020	SIMP	0,56	0,00	0,00
34	2020	SSMS	0,56	0,00	0,00
35	2020	ADRO	0,56	0,00	0,00
36	2020	AKRA	0,39	0,43	0,00
37	2020	BUMI	0,61	0,09	1,00
38	2020	DEWA	0,17	0,00	0,00
39	2020	DSSA	0,50	0,00	0,00
40	2020	ELSA	0,11	0,25	0,00
41	2020	INDY	0,50	0,20	0,00
42	2020	JSKY	0,06	0,33	0,00
43	2020	MBSS	0,28	0,25	0,00

44	2020	MEDC	0,44	0,00	0,00
45	2020	MYOH	0,06	0,00	0,00
46	2020	PGAS	0,61	0,00	0,00
47	2020	PTBA	0,61	0,00	1,00
48	2020	PTRO	0,44	0,33	0,00
49	2020	TOBA	0,50	0,20	0,00
50	2020	WINS	0,50	0,20	1,00
51	2020	ASGR	0,39	0,00	0,00
52	2020	ASII	0,39	0,11	0,00
53	2020	IMPC	0,72	0,25	0,00
54	2020	UNTR	0,44	0,00	0,00
55	2021	AALI	0,61	0,00	0,00
56	2021	ANJT	0,89	0,20	1,00
57	2021	BWPT	0,56	0,00	0,00
58	2021	LSIP	0,61	0,00	0,00
59	2021	SGRO	0,28	0,00	1,00
60	2021	SIMP	0,61	0,00	0,00
61	2021	SSMS	0,67	0,00	0,00
62	2021	ADRO	0,50	0,00	0,00
63	2021	AKRA	0,56	0,43	0,00
64	2021	BUMI	0,61	0,09	1,00
65	2021	DEWA	0,44	0,00	0,00
66	2021	DSSA	0,50	0,00	0,00
67	2021	ELSA	0,33	0,40	0,00
68	2021	INDY	0,72	0,20	1,00
69	2021	JSKY	0,11	0,33	0,00
70	2021	MBSS	0,39	0,50	0,00
71	2021	MEDC	0,83	0,00	1,00
72	2021	MYOH	0,06	0,00	0,00
73	2021	PGAS	0,67	0,00	0,00
74	2021	PTBA	0,72	0,20	1,00
75	2021	PTRO	0,67	0,33	1,00
76	2021	TOBA	0,67	0,00	0,00
77	2021	WINS	0,67	0,20	1,00
78	2021	ASGR	0,39	0,00	0,00
79	2021	ASII	0,61	0,11	0,00
80	2021	IMPC	0,78	0,25	0,00
81	2021	UNTR	0,44	0,00	0,00

Lampiran 9 : Tabel Durbin-Watson (DW)

Tabel Durbin-Watson (DW), $\alpha = 5\%$

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
6	0.6102	1.4002								
7	0.6996	1.3564	0.4672	1.8964						
8	0.7629	1.3324	0.5591	1.7771	0.3674	2.2866				
9	0.8243	1.3199	0.6291	1.6993	0.4548	2.1282	0.2957	2.5881		
10	0.8791	1.3197	0.6972	1.6413	0.5253	2.0163	0.3760	2.4137	0.2427	2.8217
11	0.9273	1.3241	0.7580	1.6044	0.5948	1.9280	0.4441	2.2833	0.3155	2.6446
12	0.9708	1.3314	0.8122	1.5794	0.6577	1.8640	0.5120	2.1766	0.3796	2.5061
13	1.0097	1.3404	0.8612	1.5621	0.7147	1.8159	0.5745	2.0943	0.4445	2.3897
14	1.0450	1.3503	0.9054	1.5507	0.7667	1.7788	0.6321	2.0296	0.5052	2.2959
15	1.0770	1.3605	0.9455	1.5432	0.8140	1.7501	0.6852	1.9774	0.5620	2.2198
16	1.1062	1.3709	0.9820	1.5386	0.8572	1.7277	0.7340	1.9351	0.6150	2.1567
17	1.1330	1.3812	1.0154	1.5361	0.8968	1.7101	0.7790	1.9005	0.6641	2.1041
18	1.1576	1.3913	1.0461	1.5353	0.9331	1.6961	0.8204	1.8719	0.7098	2.0600
19	1.1804	1.4012	1.0743	1.5355	0.9666	1.6851	0.8588	1.8482	0.7523	2.0226
20	1.2015	1.4107	1.1004	1.5367	0.9976	1.6763	0.8943	1.8283	0.7918	1.9908
21	1.2212	1.4200	1.1246	1.5385	1.0262	1.6694	0.9272	1.8116	0.8286	1.9635
22	1.2395	1.4289	1.1471	1.5408	1.0529	1.6640	0.9578	1.7974	0.8629	1.9400
23	1.2567	1.4375	1.1682	1.5435	1.0778	1.6597	0.9864	1.7855	0.8949	1.9196
24	1.2728	1.4458	1.1878	1.5464	1.1010	1.6565	1.0131	1.7753	0.9249	1.9018
25	1.2879	1.4537	1.2063	1.5495	1.1228	1.6540	1.0381	1.7666	0.9530	1.8863
26	1.3022	1.4614	1.2236	1.5528	1.1432	1.6523	1.0616	1.7591	0.9794	1.8727
27	1.3157	1.4688	1.2399	1.5562	1.1624	1.6510	1.0836	1.7527	1.0042	1.8608
28	1.3284	1.4759	1.2553	1.5596	1.1805	1.6503	1.1044	1.7473	1.0276	1.8502
29	1.3405	1.4828	1.2699	1.5631	1.1976	1.6499	1.1241	1.7426	1.0497	1.8409
30	1.3520	1.4894	1.2837	1.5666	1.2138	1.6498	1.1426	1.7386	1.0706	1.8326
31	1.3630	1.4957	1.2969	1.5701	1.2292	1.6500	1.1602	1.7352	1.0904	1.8252
32	1.3734	1.5019	1.3093	1.5736	1.2437	1.6505	1.1769	1.7323	1.1092	1.8187
33	1.3834	1.5078	1.3212	1.5770	1.2576	1.6511	1.1927	1.7298	1.1270	1.8128
34	1.3929	1.5136	1.3325	1.5805	1.2707	1.6519	1.2078	1.7277	1.1439	1.8076
35	1.4019	1.5191	1.3433	1.5838	1.2833	1.6528	1.2221	1.7259	1.1601	1.8029
36	1.4107	1.5245	1.3537	1.5872	1.2953	1.6539	1.2358	1.7245	1.1755	1.7987
37	1.4190	1.5297	1.3635	1.5904	1.3068	1.6550	1.2489	1.7233	1.1901	1.7950
38	1.4270	1.5348	1.3730	1.5937	1.3177	1.6563	1.2614	1.7223	1.2042	1.7916
39	1.4347	1.5396	1.3821	1.5969	1.3283	1.6575	1.2734	1.7215	1.2176	1.7886
40	1.4421	1.5444	1.3908	1.6000	1.3384	1.6589	1.2848	1.7209	1.2305	1.7859
41	1.4493	1.5490	1.3992	1.6031	1.3480	1.6603	1.2958	1.7205	1.2428	1.7835
42	1.4562	1.5534	1.4073	1.6061	1.3573	1.6617	1.3064	1.7202	1.2546	1.7814
43	1.4628	1.5577	1.4151	1.6091	1.3663	1.6632	1.3166	1.7200	1.2660	1.7794
44	1.4692	1.5619	1.4226	1.6120	1.3749	1.6647	1.3263	1.7200	1.2769	1.7777
45	1.4754	1.5660	1.4298	1.6148	1.3832	1.6662	1.3357	1.7200	1.2874	1.7762
46	1.4814	1.5700	1.4368	1.6176	1.3912	1.6677	1.3448	1.7201	1.2976	1.7748
47	1.4872	1.5739	1.4435	1.6204	1.3989	1.6692	1.3535	1.7203	1.3073	1.7736
48	1.4928	1.5776	1.4500	1.6231	1.4064	1.6708	1.3619	1.7206	1.3167	1.7725
49	1.4982	1.5813	1.4564	1.6257	1.4136	1.6723	1.3701	1.7210	1.3258	1.7716
50	1.5035	1.5849	1.4625	1.6283	1.4206	1.6739	1.3779	1.7214	1.3346	1.7708
51	1.5086	1.5884	1.4684	1.6309	1.4273	1.6754	1.3855	1.7218	1.3431	1.7701
52	1.5135	1.5917	1.4741	1.6334	1.4339	1.6769	1.3929	1.7223	1.3512	1.7694
53	1.5183	1.5951	1.4797	1.6359	1.4402	1.6785	1.4000	1.7228	1.3592	1.7689
54	1.5230	1.5983	1.4851	1.6383	1.4464	1.6800	1.4069	1.7234	1.3669	1.7684
55	1.5276	1.6014	1.4903	1.6406	1.4523	1.6815	1.4136	1.7240	1.3743	1.7681
56	1.5320	1.6045	1.4954	1.6430	1.4581	1.6830	1.4201	1.7246	1.3815	1.7678
57	1.5363	1.6075	1.5004	1.6452	1.4637	1.6845	1.4264	1.7253	1.3885	1.7675
58	1.5405	1.6105	1.5052	1.6475	1.4692	1.6860	1.4325	1.7259	1.3953	1.7673
59	1.5446	1.6134	1.5099	1.6497	1.4745	1.6875	1.4385	1.7266	1.4019	1.7672
60	1.5485	1.6162	1.5144	1.6518	1.4797	1.6889	1.4443	1.7274	1.4083	1.7671
61	1.5524	1.6189	1.5189	1.6540	1.4847	1.6904	1.4499	1.7281	1.4146	1.7671
62	1.5562	1.6216	1.5232	1.6561	1.4896	1.6918	1.4554	1.7288	1.4206	1.7671
63	1.5599	1.6243	1.5274	1.6581	1.4943	1.6932	1.4607	1.7296	1.4265	1.7671
64	1.5635	1.6268	1.5315	1.6601	1.4990	1.6946	1.4659	1.7303	1.4322	1.7672
65	1.5670	1.6294	1.5355	1.6621	1.5035	1.6960	1.4709	1.7311	1.4378	1.7673
66	1.5704	1.6318	1.5395	1.6640	1.5079	1.6974	1.4758	1.7319	1.4433	1.7675
67	1.5738	1.6343	1.5433	1.6660	1.5122	1.6988	1.4806	1.7327	1.4486	1.7676
68	1.5771	1.6367	1.5470	1.6678	1.5164	1.7001	1.4853	1.7335	1.4537	1.7678
69	1.5803	1.6390	1.5507	1.6697	1.5205	1.7015	1.4899	1.7343	1.4588	1.7680
70	1.5834	1.6413	1.5542	1.6715	1.5245	1.7028	1.4943	1.7351	1.4637	1.7683

Tabel Durbin-Watson (DW), $\alpha = 5\%$

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 10 : Tabel Uji F

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	161	199	216	225	230	234	237	239	241	242	243	244	245	245	246
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76	8.74	8.73	8.71	8.70
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.22	2.20
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28	2.25	2.22	2.20	2.18
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26	2.23	2.20	2.17	2.15
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.24	2.20	2.18	2.15	2.13
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22	2.18	2.15	2.13	2.11
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.20	2.16	2.14	2.11	2.09
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.12	2.09	2.07
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.17	2.13	2.10	2.08	2.06
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15	2.12	2.09	2.06	2.04
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.14	2.10	2.08	2.05	2.03
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16	2.13	2.09	2.06	2.04	2.01
31	4.16	3.30	2.91	2.68	2.52	2.41	2.32	2.25	2.20	2.15	2.11	2.08	2.05	2.03	2.00
32	4.15	3.29	2.90	2.67	2.51	2.40	2.31	2.24	2.19	2.14	2.10	2.07	2.04	2.01	1.99
33	4.14	3.28	2.89	2.66	2.50	2.39	2.30	2.23	2.18	2.13	2.09	2.06	2.03	2.00	1.98
34	4.13	3.28	2.88	2.65	2.49	2.38	2.29	2.23	2.17	2.12	2.08	2.05	2.02	1.99	1.97
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11	2.07	2.04	2.01	1.99	1.96
36	4.11	3.26	2.87	2.63	2.48	2.36	2.28	2.21	2.15	2.11	2.07	2.03	2.00	1.98	1.95
37	4.11	3.25	2.86	2.63	2.47	2.36	2.27	2.20	2.14	2.10	2.06	2.02	2.00	1.97	1.95
38	4.10	3.24	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09	2.05	2.02	1.99	1.96	1.94
39	4.09	3.24	2.85	2.61	2.46	2.34	2.26	2.19	2.13	2.08	2.04	2.01	1.98	1.95	1.93
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08	2.04	2.00	1.97	1.95	1.92
41	4.08	3.23	2.83	2.60	2.44	2.33	2.24	2.17	2.12	2.07	2.03	2.00	1.97	1.94	1.92
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06	2.03	1.99	1.96	1.94	1.91
43	4.07	3.21	2.82	2.59	2.43	2.32	2.23	2.16	2.11	2.06	2.02	1.99	1.96	1.93	1.91
44	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05	2.01	1.98	1.95	1.92	1.90
45	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05	2.01	1.97	1.94	1.92	1.89

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	4.05	3.20	2.81	2.57	2.42	2.30	2.22	2.15	2.09	2.04	2.00	1.97	1.94	1.91	1.89
47	4.05	3.20	2.80	2.57	2.41	2.30	2.21	2.14	2.09	2.04	2.00	1.96	1.93	1.91	1.88
48	4.04	3.19	2.80	2.57	2.41	2.29	2.21	2.14	2.08	2.03	1.99	1.96	1.93	1.90	1.88
49	4.04	3.19	2.79	2.56	2.40	2.29	2.20	2.13	2.08	2.03	1.99	1.96	1.93	1.90	1.88
50	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.03	1.99	1.95	1.92	1.89	1.87
51	4.03	3.18	2.79	2.55	2.40	2.28	2.20	2.13	2.07	2.02	1.98	1.95	1.92	1.89	1.87
52	4.03	3.18	2.78	2.55	2.39	2.28	2.19	2.12	2.07	2.02	1.98	1.94	1.91	1.89	1.86
53	4.02	3.17	2.78	2.55	2.39	2.28	2.19	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
54	4.02	3.17	2.78	2.54	2.39	2.27	2.18	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
55	4.02	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.06	2.01	1.97	1.93	1.90	1.88	1.85
56	4.01	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
57	4.01	3.16	2.77	2.53	2.38	2.26	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
58	4.01	3.16	2.76	2.53	2.37	2.26	2.17	2.10	2.05	2.00	1.96	1.92	1.89	1.87	1.84
59	4.00	3.15	2.76	2.53	2.37	2.26	2.17	2.10	2.04	2.00	1.96	1.92	1.89	1.86	1.84
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04	1.99	1.95	1.92	1.89	1.86	1.84
61	4.00	3.15	2.76	2.52	2.37	2.25	2.16	2.09	2.04	1.99	1.95	1.91	1.88	1.86	1.83
62	4.00	3.15	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.99	1.95	1.91	1.88	1.85	1.83
63	3.99	3.14	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
64	3.99	3.14	2.75	2.52	2.36	2.24	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
65	3.99	3.14	2.75	2.51	2.36	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.85	1.82
66	3.99	3.14	2.74	2.51	2.35	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.84	1.82
67	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.98	1.93	1.90	1.87	1.84	1.82
68	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.97	1.93	1.90	1.87	1.84	1.82
69	3.98	3.13	2.74	2.50	2.35	2.23	2.15	2.08	2.02	1.97	1.93	1.90	1.86	1.84	1.81
70	3.98	3.13	2.74	2.50	2.35	2.23	2.14	2.07	2.02	1.97	1.93	1.89	1.86	1.84	1.81
71	3.98	3.13	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.97	1.93	1.89	1.86	1.83	1.81
72	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
73	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
74	3.97	3.12	2.73	2.50	2.34	2.22	2.14	2.07	2.01	1.96	1.92	1.89	1.85	1.83	1.80
75	3.97	3.12	2.73	2.49	2.34	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.83	1.80
76	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.82	1.80
77	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.96	1.92	1.88	1.85	1.82	1.80
78	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.80
79	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.79
80	3.96	3.11	2.72	2.49	2.33	2.21	2.13	2.06	2.00	1.95	1.91	1.88	1.84	1.82	1.79
81	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.82	1.79
82	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.81	1.79
83	3.96	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.91	1.87	1.84	1.81	1.79
84	3.95	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.90	1.87	1.84	1.81	1.79
85	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.79
86	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.78
87	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.87	1.83	1.81	1.78
88	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.86	1.83	1.81	1.78
89	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78
90	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78

Lampiran 11 : Tabel Uji t

Titik Persentase Distribusi t (df = 1 – 40)

df	Pr 0.25 0.50	0.10 0.20	0.05 0.10	0.025 0.050	0.01 0.02	0.005 0.010	0.001 0.002
1	1.00000	3.07768	6.31375	12.70620	31.82052	63.65674	318.30884
2	0.81650	1.88562	2.91999	4.30265	6.96456	9.92484	22.32712
3	0.76489	1.63774	2.35336	3.18245	4.54070	5.84091	10.21453
4	0.74070	1.53321	2.13185	2.77645	3.74695	4.60409	7.17318
5	0.72669	1.47588	2.01505	2.57058	3.36493	4.03214	5.89343
6	0.71756	1.43976	1.94318	2.44691	3.14267	3.70743	5.20763
7	0.71114	1.41492	1.89458	2.36462	2.99795	3.49948	4.78529
8	0.70639	1.39682	1.85955	2.30600	2.89646	3.35539	4.50079
9	0.70272	1.38303	1.83311	2.26216	2.82144	3.24984	4.29681
10	0.69981	1.37218	1.81246	2.22814	2.76377	3.16927	4.14370
11	0.69745	1.36343	1.79588	2.20099	2.71808	3.10581	4.02470
12	0.69548	1.35622	1.78229	2.17881	2.68100	3.05454	3.92963
13	0.69383	1.35017	1.77093	2.16037	2.65031	3.01228	3.85198
14	0.69242	1.34503	1.76131	2.14479	2.62449	2.97684	3.78739
15	0.69120	1.34061	1.75305	2.13145	2.60248	2.94671	3.73283
16	0.69013	1.33676	1.74588	2.11991	2.58349	2.92078	3.68615
17	0.68920	1.33338	1.73961	2.10982	2.56693	2.89823	3.64577
18	0.68836	1.33039	1.73406	2.10092	2.55238	2.87844	3.61048
19	0.68762	1.32773	1.72913	2.09302	2.53948	2.86093	3.57940
20	0.68695	1.32534	1.72472	2.08596	2.52798	2.84534	3.55181
21	0.68635	1.32319	1.72074	2.07961	2.51765	2.83136	3.52715
22	0.68581	1.32124	1.71714	2.07387	2.50832	2.81876	3.50499
23	0.68531	1.31946	1.71387	2.06866	2.49987	2.80734	3.48496
24	0.68485	1.31784	1.71088	2.06390	2.49216	2.79694	3.46678
25	0.68443	1.31635	1.70814	2.05954	2.48511	2.78744	3.45019
26	0.68404	1.31497	1.70562	2.05553	2.47863	2.77871	3.43500
27	0.68368	1.31370	1.70329	2.05183	2.47266	2.77068	3.42103
28	0.68335	1.31253	1.70113	2.04841	2.46714	2.76326	3.40816
29	0.68304	1.31143	1.69913	2.04523	2.46202	2.75639	3.39624
30	0.68276	1.31042	1.69726	2.04227	2.45726	2.75000	3.38518
31	0.68249	1.30946	1.69552	2.03951	2.45282	2.74404	3.37490
32	0.68223	1.30857	1.69389	2.03693	2.44868	2.73848	3.36531
33	0.68200	1.30774	1.69236	2.03452	2.44479	2.73328	3.35634
34	0.68177	1.30695	1.69092	2.03224	2.44115	2.72839	3.34793
35	0.68156	1.30621	1.68957	2.03011	2.43772	2.72381	3.34005
36	0.68137	1.30551	1.68830	2.02809	2.43449	2.71948	3.33262
37	0.68118	1.30485	1.68709	2.02619	2.43145	2.71541	3.32563
38	0.68100	1.30423	1.68595	2.02439	2.42857	2.71156	3.31903
39	0.68083	1.30364	1.68488	2.02269	2.42584	2.70791	3.31279
40	0.68067	1.30308	1.68385	2.02108	2.42326	2.70446	3.30688

Titik Persentase Distribusi t (df = 41 – 80)

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

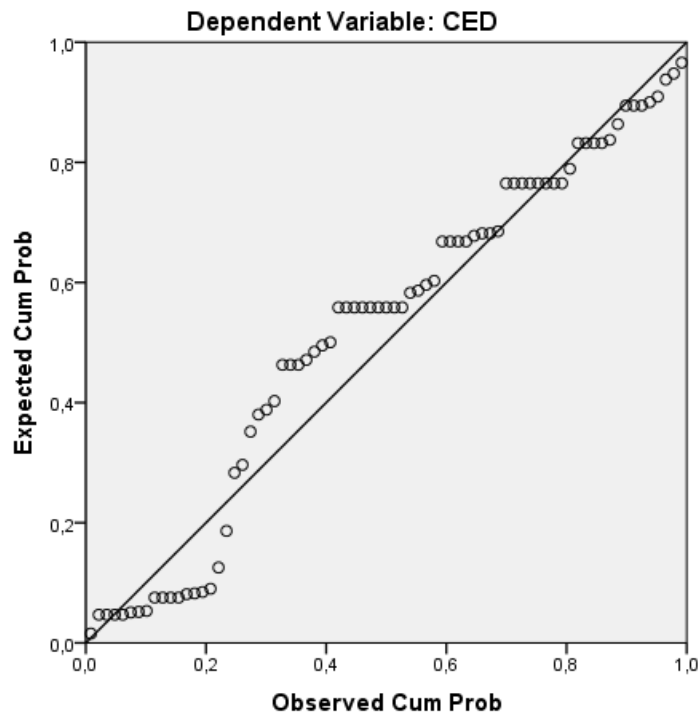
Lampiran 12 : Hasil Uji SPSS

Lampiran 12.1 : Uji Statistik Deskriptif

	N	Minimum	Maximum	Mean	Std. Deviation
CED	75	,06	,89	,4255	,21194
NFDB	75	,00	,50	,0991	,13866
SUSTCOM	75	,00	1,00	,1333	,34222
Valid N (listwise)	75				

Lampiran 12.2 : Uji Normalitas P-Plot

Normal P-P Plot of Regression Standardized Residual



Uji Normalitas One-Sample Kolmogorov-Sminov Test

			Unstandardized Residual
N			75
Normal Parameters ^{a,b}	Mean		,0000000
	Std. Deviation		,20560593
Most Extreme Differences	Absolute		,146
	Positive		,126
	Negative		-,146
Test Statistic			,146
Asymp. Sig. (2-tailed)			,000 ^c
Monte Carlo Sig. (2-tailed)	Sig.		,075 ^d
		99% Confidence Interval	
		Lower Bound	,068
		Upper Bound	,081

a. Test distribution is Normal.

b. Calculated from data.

Lampiran 12.3 : Uji Multikolinearitas

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	,409	,031		13,218	,000		
	NFDB	-,039	,175	-,026	-,225	,823	,999	1,001
	SUSTCOM	,150	,071	,242	2,116	,038	,999	1,001

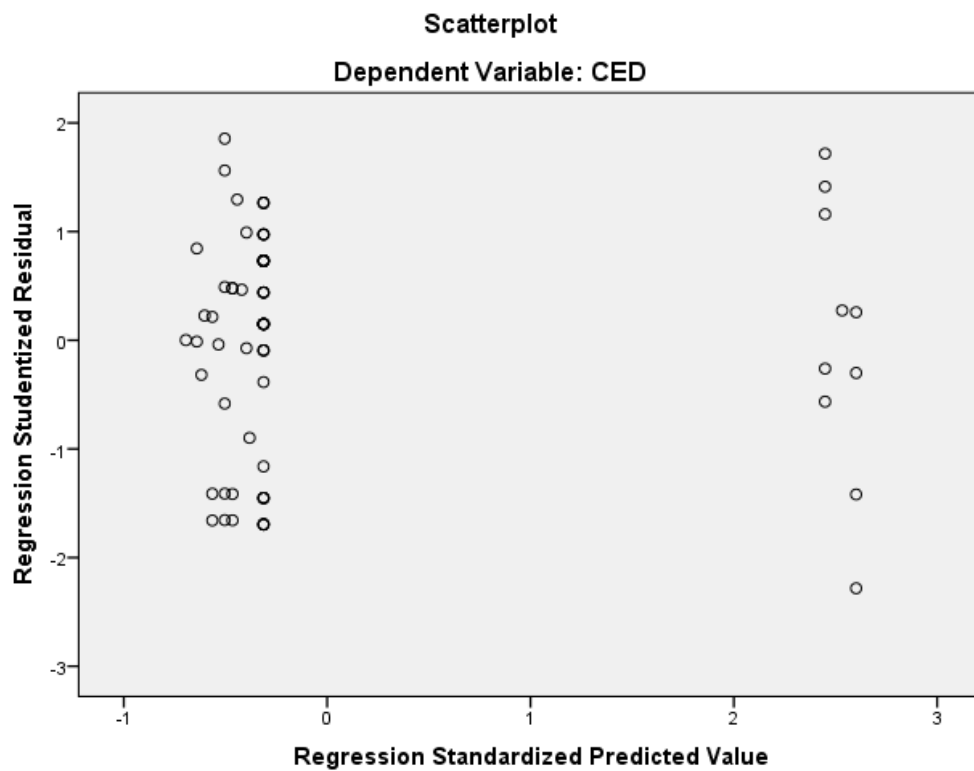
a. Dependent Variable: CED

Lampiran 12.4 : Uji Autokorelasi

	Unstandardized Residual
Test Value ^a	,03063
Cases < Test Value	31
Cases >= Test Value	44
Total Cases	75
Number of Runs	32
Z	-1,289
Asymp. Sig. (2-tailed)	,198

a. Median

Lampiran 12.5 : Uji Heteroskedastisitas



Lampiran 12.6 : Uji Regresi Linier Berganda

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	,409	,031		13,218	,000		
	NFDB	-,039	,175	-,026	-,225	,823	,999	1,001
	SUSTCOM	,150	,071	,242	2,116	,038	,999	1,001

a. Dependent Variable: CED

Lampiran 12.7 : Uji Regresi Hipotesis-Uji F

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	,196	2	,098	2,253	,112 ^b
	Residual	3,128	72	,043		
	Total	3,324	74			

a. Dependent Variable: CED

b. Predictors: (Constant), SUSTCOM, NFDB

Lampiran 12.8 : Uji Regresi Hipotesis-Uji t

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	,409	,031		13,218	,000		
	NFDB	-,039	,175	-,026	-,225	,823	,999	1,001
	SUSTCOM	,150	,071	,242	2,116	,038	,999	1,001

a. Dependent Variable: CED

Lampiran 12.9 : Uji Koefisien Determinasi

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics					Durbin-Watson
					R Square Change	F Change	df1	df2	Sig. F Change	
1	,243 ^a	,059	,033	,20844	,059	2,253	2	72	,112	1,965

a. Predictors: (Constant), SUSTCOM, NFDB

b. Dependent Variable: CED

