

# LAMPIRAN

## Lampiran 1. Sampel Penelitian

No.	Nama Perusahaan	KODE	Kriteria			Sampel
			1	2	3	
<b>A</b>	<b>Sektor Industri Dasar dan Kimia</b>					
<b>a</b>	<b>Subsektor Pulp dan Kertas</b>					
1	Pabrik Kertas Tjiwi Kimia Tbk	<b>TKIM</b>	✓	✓	x	0
2	Alkindo Naratama Tbk	<b>ALDO</b>	✓	x	x	0
3	Kertas Basuki Rachmat Indonesia Tbk	<b>KBRI</b>	x	x	x	0
4	Toba Pulp Lestari Tbk	<b>INRU</b>	✓	x	x	0
5	Fajar Surya Wisesa Tbk	<b>FASW</b>	✓	x	x	0
6	Indah Kiat Pulp & Paper Tbk	<b>INKP</b>	✓	x	x	0
7	Suparma Tbk	<b>SPMA</b>	✓	x	x	0
8	Kedawung Setia Industrial Tbk	<b>KDSI</b>	✓	x	x	0
9	Sriwahana Adityakarta Tbk	<b>SWAT</b>	✓	x	x	0
<b>b</b>	<b>Subsektor Semen</b>					
10	Indocement Tunggul Prakarsa Tbk	<b>INTP</b>	✓	✓	✓	Sampel 1
11	Solusi Bangun Indonesia Tbk	<b>SMCB</b>	✓	✓	✓	Sampel 2
12	Semen Baturaja (Persero) Tbk	<b>SMBR</b>	✓	x	x	0
13	Waskita Beton Precast Tbk	<b>WSBP</b>	✓	x	x	0
14	Semen Indonesia (Persero) Tbk	<b>SMGR</b>	✓	✓	✓	0
15	Wijaya Karya Beton Tbk	<b>WTON</b>	✓	✓	✓	Sampel 3
<b>c</b>	<b>Subsektor Pakan Ternak</b>					
16	Japfa Comfeed Indonesia Tbk	<b>JPFA</b>	✓	✓	✓	Sampel 4
17	Charoen Pokphand Indonesia Tbk	<b>CPIN</b>	✓	✓	✓	Sampel 5
18	Sreeya Sewu Indonesia Tbk	<b>SIPD</b>	✓	x	x	0
19	Malindo Feedmill Tbk	<b>MAIN</b>	✓	x		0
<b>d</b>	<b>Subsektor Plastik dan Kemasan</b>					
20	Alam Karya Unggul Tbk	<b>AKKU</b>	✓	x	x	0
21	Asiaplast Industries Tbk	<b>APLI</b>	✓	x	x	0
22	Berlina Tbk	<b>BRNA</b>	✓	x	x	0

23	Argha Karya Prima Industry Tbk	<b>AKPI</b>	✓	x	x	0
24	Sinergi Inti Plastindo Tbk	<b>ESIP</b>	✓	x	x	0
25	Champion Pacific Indonesia Tbk	<b>IGAR</b>	✓	x	x	0
26	Impack Pratama Industri Tbk	<b>IMPC</b>	✓	x	x	0
27	Lotte Chemical Titan Tbk	<b>FPNI</b>	✓	x	x	0
28	Indopoly Swakarsa Industry Tbk	<b>IPOL</b>	✓	x	x	0
29	Siwani Makmur Tbk	<b>SIMA</b>	✓	x	x	0
30	Satyamitra Kemas Lestari Tbk	<b>SMKL</b>	✓	x	x	0
31	Panca Budi Idaman Tbk	<b>PBID</b>	✓	x	x	0
32	Yana Prima Hasta Persada Tbk	<b>YPAS</b>	✓	x	x	0
33	Tunas Alfin Tbk	<b>TALF</b>	✓	x	x	0
<b>e</b>	<b>Subsektor Kimia</b>					
34	Barito Pacific Tbk	<b>BRPT</b>	✓	x	x	0
35	Samator Gas Industri Tbk	<b>AGII</b>	✓	x	x	0
36	Duta Pertiwi Nusantara Tbk	<b>DPNS</b>	✓	x	x	0
37	Ekadharma International Tb	<b>EKAD</b>	✓	x	x	0
38	Eterindo Wahanatama Tbk	<b>ETWA</b>	✓	x	x	0
39	Budi Starch & Sweetener Tbk	<b>BUDI</b>	x	x	x	0
40	Emdeki Utama Tbk	<b>MDKI</b>	✓	x	x	0
41	Intan Wijaya International Tbk	<b>INCI</b>	✓	x	x	0
42	Indo Acidatama Tbk	<b>SRSN</b>	✓	✓	✓	Sampel 6
43	Madusari Murni Indah	<b>MOLI</b>	✓	x	x	0
44	Chandra Asri Petrochemical Tbk	<b>TPIA</b>	✓	x	x	0
<b>f</b>	<b>Subsektor Kayu dan Pengolahannya</b>					
45	Indonesia Fireboard Industry Tbk	<b>IFII</b>	✓	x	x	0
46	Singaraja Putra Tbk	<b>SINI</b>	✓	x	x	0
47	SLJ Global Tbk	<b>SULI</b>	✓	x	x	0
48	Trita Mahakam Resources Tbk	<b>TIRT</b>	✓	x	x	0
<b>g</b>	<b>Subsektor Keramik Porselen dan Kaca</b>					

49	Asahimas Flat Glass Tbk	<b>AMFG</b>	✓	x	x	0
50	Cahayaputra Asa Keramik Tbk	<b>CAKK</b>	✓	x	x	0
51	Inti Keramik Alam Industri Tbk	<b>KIAS</b>	✓	x	x	0
52	Arwana Citra Mulia Tbk	<b>ARNA</b>	✓	x	x	0
53	Mark Dynamics Indonesia Tbk	<b>MARK</b>	✓	x	x	0
54	Surya Toto Indonesia	<b>TOTO</b>	✓	x	x	0
55	Mulia Industrindo Tbk	<b>MLIA</b>	✓	x	x	0
<b>h</b>	<b>Subsektor Logam dan Sejenisnya</b>					
56	Alaska Industrindo Tbk	<b>ALKA</b>	✓	x	x	0
57	Alumindo Light Metal Industry Tbk	<b>ALMI</b>	✓	x	x	0
58	Betonjaya Manunggal Tbk	<b>BTON</b>	✓	x	x	0
59	Saranacentral Bajatama Tbk	<b>BAJA</b>	✓	x	x	0
60	Citra Tubindo Tbk	<b>CTBN</b>	✓	x	x	0
61	Gunung Raja Paksi Tbk	<b>GGRP</b>	✓	x	x	0
62	Gunawan Dianjaya Steel Tbk	<b>GDST</b>	✓	x	x	0
63	Indal Aluminium Industry Tbk	<b>INAI</b>	✓	x	x	0
64	Gunawan Dianjaya Steel Tbk	<b>GDST</b>	✓	x	x	0
65	Krakatau Steel (Persero) Tbk	<b>KRAS</b>	✓	✓	✓	Sampel 7
66	Steel Pipe Industry of Indonesia Tbk	<b>ISSP</b>	✓	x	x	0
67	Jakarta Kyoei Steel Work LTD Tbk	<b>JKSW</b>	✓	x	x	0
68	Lion Metal Works Tbk	<b>LION</b>	✓	x	x	0
69	Lionmesh Prima Tbk	<b>LMSH</b>	✓	x	x	0
70	Pelangi Indah Canindo Tbk	<b>PICO</b>	✓	x	x	0
71	Trinitan Metal and Mineral Tbk	<b>PURE</b>	x	x	x	0
72	Pelat Timah Nusantara Tbk	<b>NIKL</b>	✓	x	x	0
73	Tembaga Mulia Semanan Tbk	<b>TBMS</b>	✓	x	x	0
<b>B</b>	<b>Sektor Aneka Industri</b>					
<b>a</b>	<b>Subsektor Mesin dan Alat Berat</b>					
74	Ateliers Mecaniques D'Indonesie Tbk	<b>AMIN</b>	✓	x	x	0

75	Garuda Maintenance Facility Aero Asia Tbk	<b>GMFI</b>	✓	x	x	0
76	Arkha Jayanti Persada Tbk	<b>ARKA</b>	✓	x	x	0
77	Grand Kartech Tbk	<b>KRAH</b>	x	x	x	0
78	Steadfast Marine Tbk	<b>KPAL</b>	x	x	x	0
<b>b</b>	<b>Subsektor Tekstil dan Garmen</b>					
79	Argo Pantas Tbk	<b>ARGO</b>	✓	x	x	0
80	Century Textile Industry Tbk	<b>CNTB</b>	✓	x	x	0
81	Polychem Indonesia Tbk	<b>ADMG</b>	✓	x	x	0
82	Trisula Textile Industries Tbk	<b>BELL</b>	✓	x	x	0
83	Eratex Djaja Tbk	<b>ERTX</b>	✓	x	x	0
84	Ever Shine Tbk	<b>ESTI</b>	✓	x	x	0
85	Panasia Indo Resources Tbk	<b>HDTX</b>	✓	x	x	0
86	Pan Brothers Tbk	<b>PBRX</b>	✓	x	x	0
87	Asia Pacific Investama Tbk	<b>MYTX</b>	✓	x	x	0
88	Golden Flower Tbk	<b>POLU</b>	✓	x	x	0
89	Sri Rejeki Isman Tbk	<b>SRIL</b>	✓	x	x	0
90	Asia Pacific Fibers Tbk	<b>POLY</b>	✓	x	x	0
91	Sunson Textile Manufacturer Tbk	<b>SSTM</b>	✓	x	x	0
92	Star Petrochem Tbk	<b>STAR</b>	✓	x	x	0
93	Tifico Fiber Indonesia Tbk	<b>TFCO</b>	✓	x	x	0
94	Trisula International Tbk	<b>TRIS</b>	✓	x	x	0
95	Uni-Charm Indonesia Tbk	<b>UCIT</b>	✓	x	x	0
96	Nusantara Inti Corpora Tbk	<b>UNIT</b>	x	x	x	0
97	Mega Perintis Tbk	<b>ZONE</b>	✓	x	x	0
<b>c</b>	<b>Subsektor Elektronika</b>					
98	Sky Energi Indonesia Tbk	<b>JSKY</b>	x	x	x	0
99	Sat Nusapersada Tbk	<b>PTSN</b>	✓	x	x	0
100	Gaya Abadi Sempurna Tbk	<b>SLIS</b>	✓	x	x	0
<b>d</b>	<b>Subsektor Kabel</b>		□			
101	Communication Cable System Indonesia Tbk	<b>CCSI</b>	✓	x	x	0
102	Jembo Cable Company Tbk	<b>JECC</b>	✓	x	x	0
103	Sumi Indo Kabel Tbk	<b>IKBI</b>	✓	x	x	0
104	Kabelindo Murni Tbk	<b>KBLM</b>	✓	x	x	0

105	KMI Wire And Cable Tbk	<b>KBLI</b>	✓	x	x	0
106	Supreme Cable Manufacturing and Commerce Tbk	<b>SCCO</b>	✓	x	x	0
107	Voksel Electric Tbk	<b>VOKS</b>	✓	x	x	0
<b>e</b>	<b>Subsektor Otomotif dan Komponen</b>					
108	Astra Otoparts Tbk	<b>AUTO</b>	✓	x	x	0
109	Astra International Tbk	<b>ASII</b>	✓	✓	✓	Sampel 8
110	Garuda Metalindo Tbk	<b>BOLT</b>	✓	x	x	0
111	Indo Kordsa Tbk	<b>BRAM</b>	✓	x	x	0
112	Goodyear Indonesia Tbk	<b>GDYR</b>	✓	x	x	0
113	Gajah Tunggal Tbk	<b>GJTL</b>	✓	x	x	0
114	Indomobil Sukses Internasional Tbk	<b>IMAS</b>	✓	✓	✓	Sampel 9
115	Indospring Tbk	<b>INDS</b>	✓	x	x	0
116	Nipress Tbk	<b>NIPS</b>	x	x	x	0
117	Prima Alloy Steel Universal tbk	<b>PRAS</b>	✓	x	x	0
118	Selamat Sempurna Tbk	<b>SMSM</b>	✓	x	x	0
<b>C</b>	<b>Sektor Barang Konsumsi</b>					
<b>a</b>	<b>Subsektor Industri Makanan dan Minuman</b>					
119	Ultrajaya Milk Industry and Trading Company Tbk	<b>ULTJ</b>	✓	✓	✓	Sampel 10
120	Wilmar Cahaya Indonesia Tbk	<b>CEKA</b>	✓	x	x	0
121	Campina Ice Cream Industry Tbk	<b>CAMP</b>	✓	x	x	0
122	Sariguna Primatirta Tbk	<b>CLEO</b>	✓	x	x	0
123	Tiga Pilar Sejahtera Food Tbk	<b>AISA</b>	✓	x	x	0
124	Tri Banyan Tirta Tbk	<b>ALTO</b>	✓	x	x	0
125	Indofood CBP Sukses Makmur Tbk	<b>ICBP</b>	✓	✓	✓	Sampel 11
126	Wahana Interfood Nusantara Tbk	<b>COCO</b>	✓	x	x	0
127	Delta Djakarta Tbk	<b>DLTA</b>	✓	x	x	0
128	Diamond Food Indonesia	<b>DMND</b>	✓	x	x	0

	Tbk					
129	Sentra Food Indonesia Tbk	<b>FOOD</b>	✓	x	x	0
130	Garudafood Putra Putri Jaya Tbk	<b>GOOD</b>	✓	x	x	0
131	Buyung Poetra Sembada Tbk	<b>HOKI</b>	✓	x	x	0
132	Era Mandiri Cemerlang Tbk	<b>IKAN</b>	✓	x	x	0
133	Indofood Sukses Makmur Tbk	<b>INDF</b>	✓	x	x	0
134	Mulia Boga Raya Tbk	<b>KEJU</b>	✓	x	x	0
135	Multi Bintang Indonesia Tbk	<b>MLBI</b>	✓	x	x	0
136	Mayora Indah Tbk	<b>MYOR</b>	✓	x	x	0
137	Pratama Abadi Nusa Industri Tbk	<b>PANI</b>	✓	x	x	0
138	Prima Cakrawala Abadi Tbk	<b>PCAR</b>	✓	x	x	0
139	Prasidha Aneka Niaga Tbk	<b>PSDN</b>	✓	x	x	0
140	Palma Serasih Tbk	<b>PSGO</b>	✓	x	x	0
141	Nippon Indosari Corpindo Tbk	<b>ROTI</b>	✓	x	x	0
142	Sekar Bumi Tbk	<b>SKBM</b>	✓	x	x	0
143	Sekar Laut Tbk	<b>SKLT</b>	✓	x	x	0
144	Siantar Top Tbk	<b>STTP</b>	✓	x	x	0
<b>b</b>	<b>Subsektor Farmasi</b>					
145	Darya Varia Laboratoria Tbk	<b>DVLA</b>	✓	✓	✓	Sampel 13
146	Indofarma (Persero) Tbk	<b>INAF</b>	✓	x	x	0
147	Kimia Farma (Persero) Tbk	<b>KAEF</b>	✓	x	x	0
148	Kalbe Farma Tbk	<b>KLBF</b>	✓	✓	✓	Sampel 14
149	Merck Indonesia Tbk	<b>MERK</b>	✓	x	x	0
150	Phapros Tbk,PT	<b>PEHA</b>	✓	x	x	0
151	Pyridam Farma Tbk	<b>PYFA</b>	✓	x	x	0
152	Industri Jamu & Farmasi Sido Muncul Tbk	<b>SIDO</b>	✓	x	x	0
153	Tempo Scan Pacific Tbk	<b>TSPC</b>	✓	✓	✓	Sampel 15
<b>c</b>	<b>Subsektor Rokok</b>					
154	Gudang Garam Tbk	<b>GGRM</b>	✓	✓	✓	Sampel 16
155	Hanjaya Mandala Sampoerna Tbk	<b>HMSP</b>	✓	✓	✓	Sampel 17
156	Indonesia Tobacco Tbk	<b>ITIC</b>	✓	x	x	0
157	Bentoel International Investama Tbk	<b>RMBA</b>	✓	x	x	0

<b>d</b>	<b>Subsektor Kosmetik &amp; Barang Keperluan Rumah Tangga</b>					
158	Akasha Wira International Tbk	<b>ADES</b>	✓	x	x	0
159	Kino Indonesia Tbk	<b>KINO</b>	✓	✓	✓	Sampel 18
160	Cottonindo Ariesta Tbk	<b>KPAS</b>	✓	x	x	0
161	Martina Berto Tbk	<b>MBTO</b>	✓	x	x	0
162	Mustika Ratu Tbk	<b>MRAT</b>	✓	x	x	0
163	Mandom Indonesia Tbk	<b>TCID</b>	✓	x	x	0
164	Unilever Indonesia Tbk	<b>UNVR</b>	✓	✓	✓	Sampel 19
	<b>TOTAL SAMPEL</b>		<b>156</b>	<b>25</b>	<b>19</b>	<b>19</b>



Lampiran 2. Indeks ESG Bloomberg Database Terminal

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Refine By Countries, Sectors, etc. Group By Securities As of 03/05/2024

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ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201
119	HMSP	HM SAMPOERNA T..	36.61	40.83	52.06	52.45	52.97	55.06
110	LPKR	LIPPO KARAMACI	28.70	29.30	34.08	35.86	45.66	54.96
111	PTPP	PP PERSERO TBK P	35.66	43.72	44.15	44.68	44.68	54.79
112	INDF	INDOF000 SUKSES	31.94	32.51	32.51	32.51	51.97	54.03
113	KLBF	KALBE FARMA	41.95	44.28	45.48	50.10	52.43	53.84
114	MKA	MITRA KELUARAGA K	31.33	36.47	41.23	45.29	53.01	53.49
115	AALI	ASTRA AGRO LEST	32.89	32.89	41.10	44.52	48.01	53.47
116	SMAR	SMART TBK	43.63	47.63	48.10	48.48	52.15	53.46
117	AKRA	AKR CORPORINDO	41.63	43.19	49.13	48.53	50.06	52.63
118	JPPA	JAPFA COMFEED	37.80	47.19	54.18	56.99	55.51	52.61
119	DEWA	DARMA HENNA	34.24	29.01	26.77	38.76	50.30	52.52
110	KINO	KINO INDONESIA T	32.05	32.46	39.16	43.61	50.15	52.33
111	IPJA	CHANDRA ASRI PAC	22.08	--	41.43	44.85	50.20	51.63
112	TKJM	TJMI KIMIA	32.59	32.59	37.38	44.79	49.52	49.52
113	INDY	INDIKA ENERGY	27.63	40.86	48.86	50.05	54.73	49.37
114	AUTO	ASTRA OTOPARTS	34.64	--	36.65	36.17	46.95	49.24
115	AVIA	AVIA AVIAN TBK P	30.02	--	--	--	48.11	48.97
116	BSDI	BUMI SERPONG	30.62	30.62	40.87	43.47	46.00	48.42
117	MSKT	MASKITA MARYA PE	36.18	40.21	40.21	45.97	49.04	48.40
118	ICBP	INDOF000 CBP SUL	28.87	29.26	29.60	29.60	43.54	48.21

Suggested Functions DES Study in-depth information on a security

EEO Analyze a company's consensus estimates

WABC UNITED OVERSEAS EQUITY X ESG INDO TAMBANGRAYA EQUITY +

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Custom Universe (Equity Sci) Actions • Export • Settings • Watchlist Analytics

Refine By [Countries, Sectors, etc.] Show Hi/Lo As of 03/05/2024

Overview Returns Valuation Estimates Actuals Credit Technicals Custom Results 10 Fields

Group By	None	14 Stats...	861 Securities
Short Name	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201
110 ITMG	INDO TAMBANGRA...	61.05	59.32
112 MEDC	MEDCO ENERGI ITL	58.55	67.83
113 INCO	VALE INDONESIA T	54.24	57.40
114 PTBA	BUKIT ASAH TBK P	56.44	60.94
115 BUMI	BUMI RESOURCES	39.02	51.38
116 TLKM	TELKOM INDONESIA	41.62	42.19
117 WTON	WJAYA KARYA BET	52.24	48.06
118 TINS	TIMAH TBK PT	37.34	39.34
119 ANTM	ANEKA TAMBANG TB	57.39	52.88
110 WKA	WJAYA KARYA	43.01	45.44
111 INKP	INDAH KIAT PULP	53.99	54.78
112 SMGR	SEMEN INDONESIA	48.83	53.62
113 MCKA	MERDEKA COPPER	30.74	28.91
114 JSMR	JASA MARGA	45.54	47.81
115 UNHR	UNILEVER IND TBK	53.96	57.58
116 INTP	INDOCEMENT TUN...	55.84	56.31
117 LSP	PP LONDON SUHAL	49.16	48.10
118 ASTI	ASTRA INTERNATIO	52.19	51.33
119 HMSP	HM SAMPORNA T...	36.61	40.83
110 LPKR	LIPPO KARAWACI	28.70	29.30
		63.51	68.54
		67.83	68.51
		57.40	59.25
		60.94	61.18
		51.38	55.40
		42.19	58.03
		48.06	60.81
		39.34	43.00
		52.88	58.22
		45.44	61.98
		54.78	56.93
		53.62	58.02
		28.91	46.20
		47.81	52.29
		57.58	60.19
		56.31	56.50
		48.10	54.72
		51.33	54.47
		40.83	52.45
		29.30	35.86
		73.87	73.87
		70.16	73.27
		64.38	70.24
		62.66	67.39
		58.56	66.57
		57.33	63.71
		63.47	63.47
		52.32	60.60
		58.88	60.51
		61.98	60.16
		57.53	59.11
		55.59	58.52
		49.96	58.38
		53.36	58.36
		58.68	58.20
		57.19	57.70
		54.72	57.53
		53.76	57.45
		52.97	55.06
		45.66	54.96

Suggested Functions DES Study in-depth information on a security

EEO Analyze a company's consensus estimates

Blowerberg (Yall) WATE UNITED OVERSEAS Equit. ESG INDO TAMBORAIRAWA Equity +

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Group By Securities

14 Stats... 861 Securities

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119	HM	SAMPOERNA T.	36.61	40.83	52.06	52.45	52.97	55.06																
118	LPKR	LIPPO KARAWACI	28.70	29.30	34.08	35.86	45.66	54.96																
111	PTPP	PP PERSERO TBK P	35.66	43.72	44.15	44.68	44.68	54.79																
112	INDF	INDOFOOD SUKSES	31.94	32.51	32.51	32.51	51.97	54.03																
113	KLBF	KALBE FARMA	41.95	44.28	45.48	50.10	52.43	53.84																
114	MIKA	MITRA KELLARGA K	31.33	38.47	41.23	45.29	53.01	53.49																
115	AALI	ASTRA AGRO LEST	32.89	32.89	41.10	44.52	48.01	53.47																
116	SMAR	SMART TBK	43.63	47.63	48.10	48.48	52.15	53.46																
117	AKRA	AKR CORPORINDO	41.63	43.19	49.13	48.53	50.06	52.63																
118	JPPF	JAPFA COMFEED	37.80	47.19	54.18	56.99	55.51	52.61																
119	DEMA	DARMA HENNA	34.24	29.01	26.77	38.76	50.30	52.52																
110	KINO	KINO INDONESIA T	32.05	32.46	39.16	43.61	50.15	52.33																
111	TPJA	CHANDRA ASRI PAC	--	--	41.43	44.85	50.20	51.63																
112	TKIM	TJWI KIMIA	22.08	32.59	37.38	44.79	44.79	49.52																
113	INDY	INDIKA ENERGY	27.63	40.86	48.86	50.05	54.73	49.37																
114	AUTO	ASTRA OTOPARTS	34.64	--	36.65	36.17	46.95	49.24																
115	AVIA	AVIA AVIAN TBK P	--	--	--	--	48.11	48.97																
116	BSDE	BUMI SERIPONG	30.02	30.62	40.87	43.47	46.00	48.42																
117	WSKT	MASKITA KARVA PIE	36.18	40.21	40.21	45.97	49.04	48.40																
118	TCBP	INDOFOOD CBP SU..	28.87	29.26	29.60	29.60	43.54	49.21																

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Group By: Securities | 10 Fields

ESG Disc Score:201	ESG Disc Score:202	ESG Disc Score:201	ESG Disc Score:202	ESG Disc Score:201	ESG Disc Score:202	ESG Disc Score:201	ESG Disc Score:202
159 MAPI	26.36	27.65	32.49	34.32	39.23	41.92	
158 RALS	16.55	19.76	28.58	33.88	36.99	40.92	
157 MTEL					31.69	40.36	
158 ADHI	23.83	28.27		40.41	40.41	39.89	
159 MYOR			35.67	40.71	40.49	39.10	
160 SMRA	23.02	23.87	24.73	32.79	33.79	38.52	
161 SRL	31.07	31.98	42.31	42.31	44.10	38.38	
162 TBIG	22.30	29.17	34.20	38.71	38.71	37.56	
163 CMRY					31.08	37.19	
164 BMTR	23.91	23.34	27.04	34.19	35.05	36.77	
165 ASRI	30.30	30.30	30.30	30.25	39.19	36.38	
166 HEXA	28.92	29.08	29.51	29.99	35.98	35.98	
167 CTRA	21.98	27.81	34.72	37.67	39.22	35.74	
168 EMTK	24.09	29.42	34.36	34.92	35.83	35.64	
169 BRPT	25.36	28.83	30.36	28	33.12	35.63	
170 HRUM	24.87	24.90	30.16	31.49	32.84	35.30	
171 SCMA	25.30	29.76	32.30	39.12	37.14	34.99	
172 DCII					34.57	33.72	
173 MBMA						33.52	
174 COCA	33.46	33.46	30.16	30.04	32.10	33.51	

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Group By Securities 861 Securities

Group By	None	14 Stats...	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201	ESG Disc Score:201
Ticker	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
110 DMLA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
110 ADHR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
110 TSPC	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
110 MYRX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
114 ELIT	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
119 BMBL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
116 CBPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
117 SOUL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
118 SUNI	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
119 MINE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
200 BEER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
210 CBRE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
212 PADA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
213 MMIX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
214 ISAP	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
215 TRON	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
216 ZATA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
217 LAJU	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
218 PEVE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
219 NAVZ	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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Add Column Group By [Name](#) ESG Disc Score:201 ESG Disc Score:201 ESG Disc Score:201 ESG Disc Score:201 ESG Disc Score:201 ESG Disc Score:201

10 Fields	861 Securities	10 Fields				
137 MSKT	WASKITA KARVA PE	36.18	40.21	45.97	49.04	48.40
138 ICBP	INDOFOOD CBP SU...	28.87	29.26	29.60	43.54	48.21
139 EXCL	PT XL AXIATA TBK	43.90	45.87	42.33	45.53	48.09
140 DMND	DIAMOND FOOD IND	--	--	39.69	41.65	47.85
141 ADRO	ADARO ENERGY IND	26.59	33.79	50.95	50.83	47.11
142 CPJN	CHARGEON POK IND...	28.67	40.99	49.29	52.91	46.96
143 ELTY	BAKRIELAND DEV	46.52	49.48	49.20	46.94	46.94
144 SILO	SILOAH INTERNATI	31.67	34.87	40.71	43.48	46.51
145 LPPF	MATAHARI DEPT	42.78	41.93	41.55	43.54	46.33
146 SHCB	SOLUSI BANGUN IN	42.07	43.56	45.81	45.81	46.23
147 KRAS	KRAKATAU STEEL	36.20	30.29	37.98	39.43	45.98
148 AMRT	SUMBER ALFARJA T	27.82	28.63	47.49	49.91	45.37
149 BMBR	BAKRIE & BROTHER	36.70	36.70	40.73	48.90	45.11
150 PGAS	PERUSAHAAN G...	48.91	51.40	45.63	45.63	45.03
151 UNTR	UNITED TRACTORS	37.05	37.90	43.86	45.40	44.88
152 HERO	HERO SUPERMARK...	34.89	41.11	40.49	42.14	44.73
153 MCKL	TRIMEGAH BANGUN	--	--	--	--	43.45
154 PAVON	PAKUWON JATI TBK	23.15	33.92	41.13	42.61	42.61
155 HAPI	MITRA ADIPERKASA	26.36	27.65	34.32	39.23	41.92
156 PAIS	PAMAYANA I FSTART	14.55	10.76	33.88	36.00	40.07

Suggested Functions [DES](#) Study in-depth information on a security

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Refine By: Countries, Sectors, etc. Group By: Securities As of: 03/05/2024

Overview Returns Valuation Estimates Actuals Credit Technicals Custom Results

19) FIELDS	ESG Disc Score:201	ESG Disc Score:202	ESG Disc Score:203	ESG Disc Score:204	ESG Disc Score:205	ESG Disc Score:206	ESG Disc Score:207	ESG Disc Score:208	ESG Disc Score:209	ESG Disc Score:210
173 MBMA	23.45	23.45	23.45	23.45	23.45	23.45	23.45	23.45	23.45	23.45
174 SRSN	22.08	22.08	22.08	22.08	22.08	22.08	22.08	22.08	22.08	22.08
175 ACES	25.56	25.56	25.56	25.56	25.56	25.56	25.56	25.56	25.56	25.56
176 MSIN	20.84	20.84	20.84	20.84	20.84	20.84	20.84	20.84	20.84	20.84
177 ERBA	39.52	39.52	39.52	39.52	39.52	39.52	39.52	39.52	39.52	39.52
178 GGRM	28.79	28.79	28.79	28.79	28.79	28.79	28.79	28.79	28.79	28.79
179 FREN	25.36	25.36	25.36	25.36	25.36	25.36	25.36	25.36	25.36	25.36
180 MNKN	30.04	30.04	30.04	30.04	30.04	30.04	30.04	30.04	30.04	30.04
181 BUKA	34.60	34.60	34.60	34.60	34.60	34.60	34.60	34.60	34.60	34.60
182 ISAT	31.99	31.99	31.99	31.99	31.99	31.99	31.99	31.99	31.99	31.99
183 GOTO	32.87	32.87	32.87	32.87	32.87	32.87	32.87	32.87	32.87	32.87
184 BHIT	32.31	32.31	32.31	32.31	32.31	32.31	32.31	32.31	32.31	32.31
185 TOMR	31.95	31.95	31.95	31.95	31.95	31.95	31.95	31.95	31.95	31.95
186 AMMN	38.92	38.92	38.92	38.92	38.92	38.92	38.92	38.92	38.92	38.92
187 HEAL	28.35	28.35	28.35	28.35	28.35	28.35	28.35	28.35	28.35	28.35
188 POLL	33.86	33.86	33.86	33.86	33.86	33.86	33.86	33.86	33.86	33.86
189 IMAS	27.34	27.34	27.34	27.34	27.34	27.34	27.34	27.34	27.34	27.34
190 DVLA	18.49	18.49	18.49	18.49	18.49	18.49	18.49	18.49	18.49	18.49
191 ADMR	25.06	25.06	25.06	25.06	25.06	25.06	25.06	25.06	25.06	25.06
192 ADAR	25.78	25.78	25.78	25.78	25.78	25.78	25.78	25.78	25.78	25.78
193 ADAR	27.25	27.25	27.25	27.25	27.25	27.25	27.25	27.25	27.25	27.25
194 ADAR	24.66	24.66	24.66	24.66	24.66	24.66	24.66	24.66	24.66	24.66

19) FIELDS

ESG Disc Score:201 ESG Disc Score:202 ESG Disc Score:203 ESG Disc Score:204 ESG Disc Score:205 ESG Disc Score:206 ESG Disc Score:207 ESG Disc Score:208 ESG Disc Score:209 ESG Disc Score:210

Short Name: MERDEKA BATTERY, INDO ACIDATAMA, ACE HARDWARE, MNC DIGITAL ENTE, ERAJAYA SWASIMBA, GUDANG GARAM T, SMARTEREN TELECO, MEDIA HUSANTARA, BUKALAPAK.COM, INDOSAT TBK PT, GOTO GOJEK TOK, MNC ASTA HOLDING, SARANA HENARA, AMMAN MINERAL IN, MEDIKALOKA HERHI, POLLUX PROPERTIE, INDOMOBIL SUKSES, DARVA VARJA LABO, ADARO MINERALS I

19 Stats... 861 Securities

Click to explore this table. Right-click for more options.

Suggested Functions: DES Study in-depth information on a security

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**Lampiran 3. Tabel Tabulasi Data Panel**

<b>KODE</b>	<b>Tahun</b>	<b>AARit</b>	<b>ESGX1</b>	<b>CRX2</b>
ASII	2018	0.002	51.33	1.1263
ASII	2019	-0.014	53.11	1.2911
ASII	2020	0.060	54.47	1.5432
ASII	2021	-0.011	53.76	1.8692
ASII	2022	0.000	57.45	1.5086
CPIN	2018	0.080	40.99	2.9787
CPIN	2019	-0.006	42.12	2.5630
CPIN	2020	0.044	49.29	2.5263
CPIN	2021	-0.014	52.91	2.0055
CPIN	2022	-0.006	46.96	1.7836
DVLA	2018	0.001	25.08	2.8890
DVLA	2019	0.012	28.81	2.9133
DVLA	2020	0.056	29.47	2.5191
DVLA	2021	0.003	27.25	2.5654
DVLA	2022	-0.015	25.58	3.0020
GGRM	2018	0.003	40.83	2.0581
GGRM	2019	-0.035	52.06	2.0619
GGRM	2020	0.001	52.45	2.9123
GGRM	2021	-0.025	52.97	2.0907
GGRM	2022	-0.044	55.06	1.9037
HMSP	2018	-0.016	25.56	4.3019
HMSP	2019	-0.046	31.1	3.2760
HMSP	2020	-0.019	31.1	2.4541
HMSP	2021	-0.043	32.04	1.8814
HMSP	2022	-0.012	32.87	1.6851
ICBP	2018	0.016	29.26	1.9517
ICBP	2019	0.005	29.6	2.5357
ICBP	2020	0.028	29.6	2.2576
ICBP	2021	-0.015	43.54	1.7992
ICBP	2022	0.011	48.21	3.0965
IMAS	2018	0.117	21.3	0.7493
IMAS	2019	-0.034	25.5	0.7749
IMAS	2020	0.067	25.5	0.7558
IMAS	2021	-0.033	25.78	0.7152
IMAS	2022	-0.001	25.91	0.7511
INKP	2018	0.094	54.78	2.4060
INKP	2019	-0.025	55.67	2.2994



INKP	2020	0.061	56.93	2.2578
INKP	2021	-0.024	57.53	2.0759
INKP	2022	0.008	59.11	2.4451
INTP	2018	0.030	56.31	3.1370
INTP	2019	0.063	52.59	3.2836
INTP	2020	0.141	56.5	2.9172
INTP	2021	0.146	57.19	2.4396
INTP	2022	0.208	57.7	2.1385
JPFA	2018	0.049	47.19	1.7982
JPFA	2019	-0.019	54.18	1.7333
JPFA	2020	0.002	56.99	1.9550
JPFA	2021	0.012	55.51	2.0046
JPFA	2022	-0.025	52.61	1.8063
KINO	2018	0.031	32.46	1.5031
KINO	2019	0.022	39.16	1.3473
KINO	2020	0.055	43.61	1.1937
KINO	2021	-0.028	50.15	1.5070
KINO	2022	-0.006	52.33	0.8723
KLBF	2018	-0.005	44.28	4.6577
KLBF	2019	0.005	45.48	4.3547
KLBF	2020	0.031	50.1	4.1160
KLBF	2021	0.001	52.43	4.4452
KLBF	2022	0.019	53.84	3.7712
KRAS	2018	0.001	30.29	0.0005
KRAS	2019	-0.017	31.21	0.0003
KRAS	2020	0.058	37.98	1.0095
KRAS	2021	0.000	39.43	0.0007
KRAS	2022	-0.019	45.98	0.4470
SMCB	2018	0.096	53.62	0.2667
SMCB	2019	-0.037	56.78	1.0821
SMCB	2020	0.065	58.02	1.0181
SMCB	2021	0.007	55.59	1.3434
SMCB	2022	-0.017	58.52	1.0433
SMGR	2018	0.024	43.56	1.9672
SMGR	2019	0.006	44.41	1.3610
SMGR	2020	0.015	45.81	1.3527
SMGR	2021	-0.047	45.81	1.1062
SMGR	2022	-0.008	46.23	1.4454
SRSN	2018	0.024	23.45	2.4528

SRSN	2019	0.006	20.18	2.4689
SRSN	2020	0.011	30.04	2.1713
SRSN	2021	-0.011	33.19	2.4805
SRSN	2022	-0.007	33.51	2.8155
TSPC	2018	-0.019	20.59	2.5162
TSPC	2019	0.001	21.14	2.7808
TSPC	2020	0.033	21.72	2.9587
TSPC	2021	-0.002	23.25	3.2919
TSPC	2022	-0.009	23.25	2.4833
UNVR	2018	-0.014	57.58	0.7325
UNVR	2019	-0.007	59.33	0.6529
UNVR	2020	0.037	60.19	0.6609
UNVR	2021	-0.053	58.68	0.6141
UNVR	2022	0.010	58.2	0.6083
WTON	2018	-0.016	48.06	1.1186
WTON	2019	0.021	53.74	1.1572
WTON	2020	-0.038	60.81	1.1191
WTON	2021	-0.042	63.47	1.1572
WTON	2022	-0.023	63.47	1.1186

#### Lampiran 4. Hasil Uji Statistik Deskriptif

Date: 03/21/24 Time: 00:17

Sample: 2018 2022

	AARIT	ESGX1	CRX2
Mean	0.010424	43.90042	1.940692
Median	0.001010	46.96000	1.951737
Maximum	0.207672	63.47000	4.657703
Minimum	-0.053102	20.18000	0.000286
Std. Dev.	0.044179	12.92985	1.025214
Skewness	1.760372	-0.401375	0.414077
Kurtosis	7.232907	1.726726	2.948843
Jarque-Bera Probability	119.9895 0.000000	8.968133 0.011287	2.725145 0.256001
Sum	0.990323	4170.540	184.3657
Sum Sq. Dev.	0.183471	15715.01	98.79996
Observations	95	95	95

### Lampiran 5. Hasil Uji Chow

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

Effects Test	Statistic	d.f.	Prob.
Cross-section F	3.419087	(18,74)	0.0001
Cross-section Chi-square	57.496665	18	0.0000

### Lampiran 6. Hasil 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	4.874366	2	0.0874

### Lampiran 7. Hasil Uji Lagrange Multiplier

Lagrange Multiplier Tests for Random Effects  
Null hypotheses: No effects  
Alternative hypotheses: Two-sided (Breusch-Pagan) and one-sided  
(all others) alternatives

	Test Hypothesis		
	Cross-section	Time	Both
Breusch-Pagan	13.52352 (0.0002)	14.66531 (0.0001)	28.18883 (0.0000)
Honda	3.677433 (0.0001)	3.829532 (0.0001)	5.308226 (0.0000)
King-Wu	3.677433 (0.0001)	3.829532 (0.0001)	5.032005 (0.0000)
Standardized Honda	4.296367 (0.0000)	4.558920 (0.0000)	2.513090 (0.0060)
Standardized King-Wu	4.296367 (0.0000)	4.558920 (0.0000)	2.884875 (0.0020)
Gourieroux, et al.	--	--	28.18883 (0.0000)

### Lampiran 8. Hasil Uji Multikolinearitas

	ESGX1	CRX2
ESGX1	1.000000	-0.168544
CRX2	-0.168544	1.000000

### Lampiran 9. Hasil Uji Heterokedastisitas

Dependent Variable: ABSRES  
 Method: Panel EGLS (Cross-section random effects)  
 Date: 03/21/24 Time: 00:15  
 Sample: 2018 2022  
 Periods included: 5  
 Cross-sections included: 19  
 Total panel (balanced) observations: 95  
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.024398	0.019326	1.262441	0.2100
ESGX1	0.000322	0.000352	0.917076	0.3615
CRX2	-0.003754	0.004333	-0.866360	0.3885

### Lampiran 10. Hasil Regresi Data Panel

Dependent Variable: AARIT  
 Method: Panel EGLS (Cross-section random effects)  
 Date: 03/21/24 Time: 00:36  
 Sample: 2018 2022  
 Periods included: 5  
 Cross-sections included: 19  
 Total panel (balanced) observations: 95  
 Swamy and Arora estimator of component variances  
 Cross-section SUR (PCSE) standard errors & covariance (d.f. corrected)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.939407	0.501943	-9.840581	0.0000
ESGX1	0.016502	0.007614	2.167268	0.0328
CRX2	0.165028	0.101850	1.620308	0.1086

#### Effects Specification

	S.D.	Rho
Cross-section random	0.414161	0.1017
Idiosyncratic random	1.231045	0.8983

#### Weighted Statistics

R-squared	0.053961	Mean dependent var	-3.328918
Adjusted R-squared	0.033395	S.D. dependent var	1.253215
S.E. of regression	1.232111	Sum squared resid	139.6650
F-statistic	2.623806	Durbin-Watson stat	2.042919
Prob(F-statistic)	0.077949		

**Lampiran 11. Hasil Perhitungan t-table**

Probabilitas	0.05
Deg freedom	92
t-tabel	1.986086