



*Lampiran 01 Daftar Perusahaan yang Terdaftar BEI Periode 2019-2023*

No	2023	2022	2021	2020	2019	Perusahaan yang terdaftar periode 2019-2023	Laporan Tahunan
1	AALI	AALI	AALI	ADES	ADES	ADES	ada
2	ADES	ADES	ADES	AISA	AISA	AISA	ada
3	AGAR	AGAR	AGAR	ALTO	ALTO	ALTO	ada
4	AISA	AISA	AISA	BTEK	BTEK	BTEK	ada
5	ALTO	ALTO	ALTO	BUDI	BUDI	BUDI	ada
6	AMMS	AMMS	ANDI	CAMP	CAMP	CAMP	ada
7	ANDI	ANDI	ANJT	CEKA	CEKA	CEKA	ada

8	ANJT	ANJT	BEEF	CLEO	CLEO	CLEO	<b>ada</b>
9	ASHA	ASHA	BISI	COCO	COCO	COCO	<b>ada</b>
10	AYAM	BEEF	BOBA	DLTA	DLTA	DLTA	<b>ada</b>
11	BEEF	BISI	BTEK	DMN D	FOOD	FOOD	<b>ada</b>
12	BEER	BOBA	BUDI	ENZO	GOOD	GOOD	<b>ada</b>
13	BISI	BTEK	BWPT	FOOD	HOKI	HOKI	<b>ada</b>
14	BOBA	BUDI	CAMP	GOOD	ICBP	ICBP	<b>ada</b>
15	BTEK	BWPT	CEKA	HOKI	IIKP	INDF	<b>ada</b>
16	BUDI	CAMP	CLEO	ICBP	INDF	KEJU	<b>ada</b>

17	BWPT	CBUT	CMRY	IIKP	KEJU	MLBI	<b>ada</b>
18	CAMP	CEKA	COCO	IKAN	MGNA	MYOR	<b>ada</b>
19	CBUT	CLEO	CPIN	INDF	MLBI	PANI	<b>ada</b>
20	CEKA	CMRY	CPRO	KEJU	MYOR	PSDN	<b>ada</b>
21	CLEO	COCO	CSRA	MLBI	PANI	ROTI	<b>ada</b>
22	CMRY	CPIN	DLTA	MYOR	PCAR	SKBM	<b>ada</b>
23	COCO	CPRO	DPUM	PANI	PSDN	SKLT	<b>ada</b>
24	CPIN	CRAB	DSFI	PCAR	PSGO	STTP	<b>ada</b>
25	CPRO	CSRA	DSNG	PMMP	ROTI	TBLA	<b>ada</b>

26	CRAB	DEWI	ENZO	PSDN	SKBM	ULTJ	<b>ada</b>
27	CSRA	DLTA	FAPA	ROTI	SKLT		
28	DEWI	DPUM	FISH	SKBM	STTP		
29	DLTA	DSFI	FOOD	SKLT	TBLA		
30	DPUM	DSNG	GOLL	STTP	ULTJ		
31	DSFI	ENZO	GOOD	TBLA			
32	DSNG	FAPA	GZCO	ULTJ			
33	ENZO	FISH	HOKI				
34	FAPA	FOOD	ICBP				

35	FISH	GOLL	IKAN				
36	FOOD	GOOD	INDF				
37	GOLL	GULA	IPPE				
38	GOOD	GZCO	JAWA				
39	GRPM	HOKI	JPFA				
40	GULA	IBOS	KEJU				
41	GZCO	ICBP	LSIP				
42	HOKI	IKAN	MAGP				
43	IBOS	NDF	MAIN				

44	ICBP	IPPE	MGRO				
45	IKAN	JARR	MLBI				
46	INDE	JAWA	MYOR				
47	IPPE	JPFA	NASI				
48	JARR	KEJU	OILS				
49	JAWA	LSIP	PALM				
50	JPFA	MAGP	PANI				
51	KEJU	MAIN	PGUN				
52	LSIP	MGRO	PMMP				

53	MAGP	MKTR	PSDN				
54	MAIN	MLBI	PSGO				
55	MAXI	MYOR	ROTI				
56	MGRO	NASI	SGRO				
57	MKTR	OILS	SIMP				
58	MLBI	PALM	SIPD				
59	MYOR	PANI	SKBM				
60	NASI	PGUN	SKLT				
61	NAYZ	PMMP	SMAR				

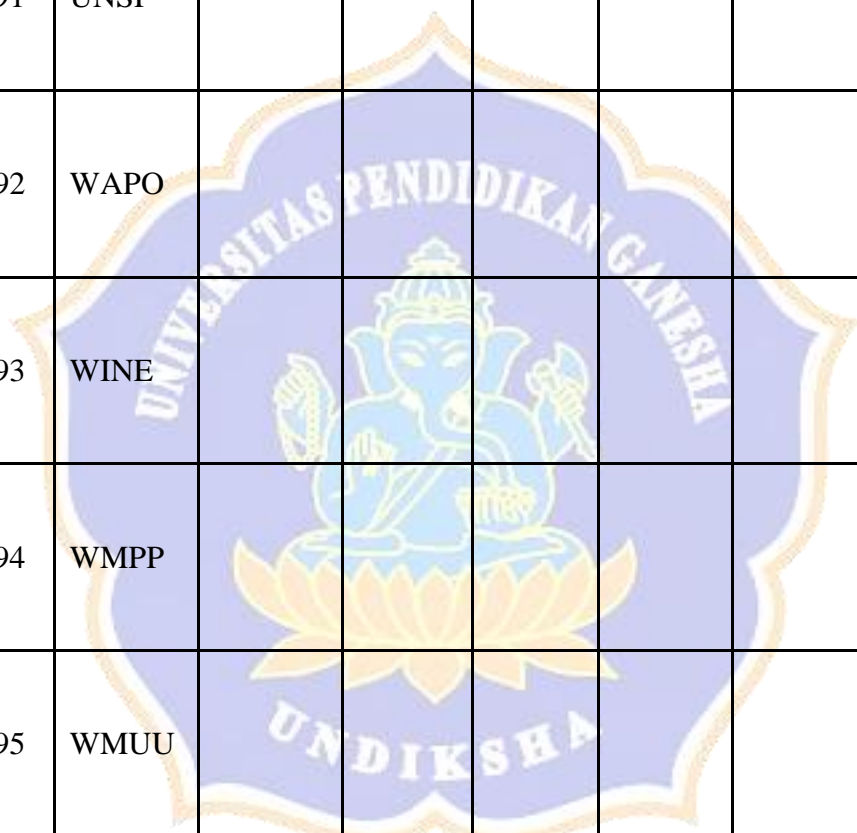


62	NSSS	PSDN	SSMS				
63	OILS	PSGO	STTP				
64	PANI	ROTI	TAPG				
65	PGUN	SGRO	TAYS				
66	PMMP	SIMP	TBLA				
67	PSDN	SIPD	TGKA				
68	PSGO	SKBM	ULTJ				
69	PTPS	SKLT	UNSP				
70	ROTI	SMAR	WAPO				

71	SGRO	SSMS	WMPP				
72	SIMP	STAA	WMU U				
73	SIPD	STTP					
74	SKBM	TAPG					
75	SKLT	TAYS					
76	SMAR	TBLA					
77	SOUL	TGKA					
78	SSMS	TLDN					
79	STAA	TRGU					

80	STRK	ULTU					
81	STTP	UNSP					
82	TAPG	WAPO					
83	TAYS	WMPP					
84	TBLA	WMUU					
85	TGKA						
86	TGUK						
87	TLDN						
88	TRGU						

89	UDNG						
90	ULTJ						
91	UNSP						
92	WAPO						
93	WINE						
94	WMPP						
95	WMUU						



*Lampiran 02 Daftar Perusahaan yang Menerbitkan Laporan Keberlanjutan*

No	Nama Perusahaan Makanan dan Minuman	2023	2022	2021	2020	2019
1	ADES (Akasha Wira Internasional. Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
2	AISA (FKS Food Sejahtera Tbk)	Tidak Tersedia	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia
3	ALTO (Tri Banyan Tirta Tbk)	Tidak Tersedia	Tidak Tersedia	Tidak Tersedia	Tidak Tersedia	Tidak Tersedia
4	BTEK(PT Bumi Teknokultura Unggul Tbk)	Tidak Tersedia	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia	Tidak Tersedia
5	BUDI (PT Budi Starch & Sweetener Tbk)	Tidak Tersedia	Tidak Tersedia	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
6	CAMP (Campina Tbk)	Tidak Tersedia	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia	Tidak Tersedia

7	CEKA (PT Wilmar Cahaya Indonesia Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
8	CLEO (PT Sariguna Primatirta Tbk)	Tidak Tersedia	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
9	COCO (Wahana Interfood Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
10	DLTA (Delta Jakarta)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>
11	FOOD (PT Sentra Food Indonesia Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
12	GOOD (PT Garudafood Putra Putri Jaya Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
13	HOKI (PT Buyung Poetra Sembada Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
14	ICBP (Indofood CBP)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia

15	INDF (Indofood Sukses Makmur Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
16	KEJU (Mulia Boga Raya)	Tidak Tersedia	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia
17	MLBI (Multi Bintang Indonesia)	Tidak Tersedia	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>
18	MYOR (Mayora Indah)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
19	PANI (PT. Pratama Abadi Nusa Industri Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia	Tidak Tersedia
20	PSDN (Prasidha Aneka Niaga)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
21	ROTI (PT Nippon Indosari Corpindo Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
22	SKBM (PT Sekar Bumi Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia

23	SKLT (PT Sekar Laut Tbk)				Tidak Tersedia	Tidak Tersedia
24	STTP (Siantar Top)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
25	TBLA (Tunas Baru Lampung)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia
26	ULTJ (PT. Ultrajaya Milk Industry & Trading Company Tbk)	<b>Tersedia</b>	<b>Tersedia</b>	<b>Tersedia</b>	Tidak Tersedia	Tidak Tersedia





*Lampiran 03 Daftar Nama Perusahaan*

No	Nama Perusahaan Makanan dan Minuman
1	ADES
2	AISA
3	ALTO
4	BTEK
5	BUDI
6	CAMP
7	CEKA
8	CLEO
9	COCO
10	DLTA
11	FOOD
12	GOOD
13	HOKI
14	ICBP
15	INDF
16	KEJU
17	MLBI
18	MYOR
19	PANI
20	PSDN
21	ROTI
22	SKBM
23	SKLT
24	STTP
25	TBLA
26	ULTJ

*Lampiran 04 Tabulasi Data Sampel*

<b>NO</b>	<b>Tahun</b>	<b>Green Innovation</b>	<b>Firm Size</b>	<b>GCG</b>	<b>ROA</b>	<b>Kinerja Lingkungan</b>
1	2019	1	1	0.000000000	0.10200334	40.5
	2020	1	1	0.000000000	0.14162523	40.5
	2021	1	0	0.000000000	0.20378527	40.5
	2022	1	0	0.000006781	0.22178901	40.5
	2023	1	0	0.000006781	0.18981461	40.5
2	2019	1	0	0.000032217	0.64472548	104.5
	2020	1	1	0.000000000	0.59902354	104.5
	2021	1	0	0.000000000	0.00497833	104.5
	2022	1	0	0.000000000	-0.03414461	104.5
	2023	0.5	0	0.000000000	0.01016214	104.5
3	2019	0	0	0.000000000	-0.00668811	104.5
	2020	0	-1	0.000000000	-0.00094948	104.5
	2021	0	1	0.000000000	-0.00819868	104.5
	2022	0	1	0.000000000	-0.01575265	104.5
4	2023	0	1	0.000000000	-0.02635058	104.5

	2019	1	0	0.000000000	0.01873882	104.5
	2020	1	0	0.000000000	-0.12063040	104.5
	2021	1	0	0.000000000	-0.02552334	104.5
	2022	0	0	0.000000000	-0.03222325	104.5
	2023	0	-1	0.000000000	-0.02292348	104.5
5	2019	1	-2	0.578500000	0.00002134	40.5
	2020	1	-2	0.578500000	0.00002264	40.5
	2021	1	-2	0.578500000	0.00003064	40.5
	2022	0.5	-2	0.586359600	0.00002932	40.5
	2023	0.5	-2	0.586921620	0.00002797	40.5
6	2019	1	2	0.047410000	72.58422929	40.5
	2020	1	2	0.047391674	111.56808082	40.5
	2021	1	2	0.047391674	86.53661768	40.5
	2022	1	1	0.008623619	0.11282336	40.5
	2023	1	1	0.015204911	0.11704504	40.5
7	2019	1	0	0.000000000	0.15466388	40.5
	2020	1	0	0.000000000	0.11605038	40.5
	2021	1	0	0.000198655	0.11020881	40.5

	2022	0	0	0.000420168	0.12844478	40.5
	2023	0	0	0.000420168	0.08110380	40.5
8	2019	1	0	0.778056114	0.10501275	104.5
	2020	1	0	0.781227458	0.10128000	104.5
	2021	1	0	0.778056144	0.13404135	104.5
	2022	1	0	0.735095824	0.10918028	104.5
	2023	1	0	0.735095824	0.14114104	104.5
9	2019	1	1	0.000000000	0.03177258	104.5
	2020	1	1	0.000000000	1.20496561	104.5
	2021	1	1	0.000000000	0.02301859	104.5
	2022	1	1	0.000000000	0.01364885	104.5
	2023	1	1	0.000000000	0.09535671	104.5
10	2019	1	0	0.000000000	0.22287417	40.5
	2020	1	0	0.000000000	0.10074079	40.5
	2021	1	0	0.000000000	0.14364624	40.5
	2022	0.5	0	0.000000000	0.17600097	40.5
	2023	0.5	0	0.000000000	0.16523488	40.5
11	2019	1	0	0.000001538	0.01541204	104.5

	2020	1	1	0.000001538	-0.15370843	104.5
	2021	1	1	0.000001538	-0.13764751	104.5
	2022	0	2	0.000001538	-0.21572947	104.5
	2023	0	2	0.000001538	-0.39967284	104.5
12	2019	1	1	0.102099953	0.86113761	40.5
	2020	1	-1	0.105815312	0.03672644	40.5
	2021	1	-1	0.105453301	0.07280466	40.5
	2022	1	-1	0.092304001	0.07120154	40.5
	2023	1	-1	0.171192925	0.08097651	40.5
13	2019	1	1	0.015017402	0.12221758	104.5
	2020	1	1	0.014803219	0.04194222	104.5
	2021	0.5	1	0.015889008	0.00001459	104.5
	2022	0	1	0.017689529	0.00011212	104.5
	2023	0	1	0.012170771	0.00322216	104.5
14	2019	1	-1	0.000000000	0.13846802	2.5
	2020	1	-1	0.000000000	0.07167549	40.5
	2021	1	-1	0.000000000	0.06704131	40.5
	2022	1	-1	0.000000000	0.04962643	40.5

	2023	1	-1	0.000000000	0.07097599	2.5
15	2019	1	-1	0.000157178	0.06135952	2.5
	2020	1	-1	0.000157178	0.05368998	40.5
	2021	1	-1	0.000157178	0.06264064	40.5
	2022	1	-1	0.000157178	0.05094736	40.5
	2023	1	-1	0.000157178	0.06159935	2.5
	16	2019	1	1	0.660000000	0.14714948
2020		1	1	0.000000000	0.17931058	104.5
2021		1	1	0.000000000	0.18847898	104.5
2022		0	1	0.003201267	0.13646169	104.5
2023		0	1	0.003859067	0.09698758	104.5
17	2019	1	0	0.000000000	0.41632027	40.5
	2020	1	0	0.000000000	0.09825395	40.5
	2021	1	0	0.000000000	0.22787342	40.5
	2022	1	0	0.000000000	0.27408667	40.5
	2023	1	0	0.000000000	0.31298170	40.5
18	2019	1	-1	0.252283253	0.10978091	40.5
	2020	1	-1	0.252283253	0.10567564	40.5

	2021	1	-1	0.252522520	0.06075013	40.5
	2022	0.5	-1	0.252524099	0.04787481	40.5
	2023	0	-1	0.252533773	0.18013938	40.5
19	2019	0.5	1	0.045822453	-0.03374233	40.5
	2020	0.5	1	0.045822453	-0.06833896	40.5
	2021	0.5	1	0.045822453	-0.11476158	40.5
	2022	0	1	0.045822453	-0.03661319	40.5
	2023	0	1	0.045822453	0.94356892	80
20	2019	0.5	-1	0.000000000	0.06428877	40.5
	2020	0.5	-1	0.060621413	0.04829290	40.5
	2021	0.5	2	0.060621413	6.04561102	40.5
	2022	0	2	0.268491325	5.76153641	40.5
	2023	0	2	0.268491325	5.69815195	40.5
21	2019	1	-1	0.022192885	0.00000527	80
	2020	1	-1	0.022192885	0.00003064	80
	2021	1	-2	0.022165189	0.00015078	40.5
	2022	1	-2	0.022902787	0.00042425	80
	2023	1	0	0.022902787	0.00125569	80

22	2019	1	1	0.008624142	0.11904762	104.5
	2020	1	1	0.008624142	0.11315789	104.5
	2021	1	1	0.008624142	0.09561305	80
	2022	1	1	0.005296151	0.13791856	80
	2023	1	1	0.000519482	0.10595613	40.5
23	2019	1	0	0.032629313	0.09994576	40.5
	2020	1	0	0.032629313	0.18226440	40.5
	2021	1	0	0.032629313	0.15757478	40.5
	2022	1	-1	0.031870840	0.13604000	40.5
	2023	1	-1	0.031870840	0.16726755	40.5
24	2019	1	-1	0.000875311	0.00380695	40.5
	2020	1	-2	0.000875311	0.00350311	40.5
	2021	1	-1	0.000875311	0.03755929	40.5
	2022	0.5	-1	0.000875311	0.03385205	40.5
	2023	0.5	-1	0.000776051	0.02365232	40.5
25	2019	1	-1	0.354000000	0.15737494	40.5
	2020	1	-1	0.481800000	0.11880126	40.5
	2021	1	-1	0.484600000	0.17281286	40.5



	2022	1	-1	0.487600000	0.13089085	40.5
	2023	1	-1	0.391100000	0.15762984	40.5



## Lampiran 05 Hasil Uji Data Panel

### Uji Chow

```
. xtreg normalY x1 normalX2, re

Fixed-effects (within) regression           Number of obs   =       125
Group variable: id                         Number of groups =        25

R-sq:                                       Obs per group:
    within = 0.0026                          min =           5
    between = 0.2627                          avg =           5.0
    overall = 0.1804                          max =           5

F(2,98) = 0.13
corr(u_i, Xb) = 0.4234                       Prob > F = 0.8817
```

normalY	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
x1	-.0750636	.307655	-0.24	0.808	-.6855949	.5354677
normalX2	.0656806	.1651607	0.40	0.692	-.2620754	.3934367
_cons	7.710435	.2524516	30.54	0.000	7.209453	8.211417
sigma_u	1.9654924					
sigma_e	.876483					
rho	.83412677	(fraction of variance due to u_i)				

F test that all u\_i=0: F(24, 98) = 20.60                      Prob > F = 0.0000

### Uji Hausman

```
. xtreg normalY x1 normalX2, re

Random-effects GLS regression           Number of obs   =       125
Group variable: id                         Number of groups =        25

R-sq:                                       Obs per group:
    within = 0.0025                          min =           5
    between = 0.2580                          avg =           5.0
    overall = 0.1810                          max =           5

Wald chi2(2) = 2.21
corr(u_i, X) = 0 (assumed)                 Prob > chi2 = 0.3315
```

normalY	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
x1	-.1341851	.3049534	-0.44	0.660	-.7318827	.4635125
normalX2	.2059184	.1548844	1.33	0.184	-.0976494	.5094862
_cons	7.75655	.4352403	17.82	0.000	6.903494	8.609605
sigma_u	1.7512465					
sigma_e	.876483					
rho	.79968577	(fraction of variance due to u_i)				

## Uji Lagrange Multiplier

```
. xttest0
```

Breusch and Pagan Lagrangian multiplier test for random effects

```
normalY[id,t] = Xb + u[id] + e[id,t]
```

Estimated results:

	Var	sd = sqrt(Var)
normalY	4.484526	2.11767
e	.7682224	.876483
u	3.066864	1.751247

Test: Var(u) = 0

```
chibar2(01) = 137.32  
Prob > chibar2 = 0.0000
```



## Lampiran 06 Uji Asumsi Klasik

### Uji Normalitas

```
sfrancia x1 normalX2 normalY
```

Shapiro-Francia W' test for normal data

Variable	Obs	W'	V'	z	Prob>z
x1	125	0.98716	1.405	0.682	0.24748
normalX2	125	0.99608	0.429	-1.699	0.95531
normalY	125	0.99785	0.235	-2.900	0.99814

### Uji Multikolinearitas

```
. vif
```

Variable	VIF	1/VIF
normalX2	1.07	0.935091
x1	1.07	0.935091
Mean VIF	1.07	

### Uji Heteroskedastisitas

```
. hettest
```

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity

Ho: Constant variance

Variables: fitted values of normalY

chi2(1) = 0.76

Prob > chi2 = 0.3846

### Uji Autokorelasi

```
. xtserial normaly x1 normalx2
```

Wooldridge test for autocorrelation in panel data

H0: no first-order autocorrelation

F( 1, 24) = 2.615

Prob > F = 0.1189

## Lampiran 07 Uji Hipotesis

### H1 : Hubungan Antara Green Innovation terhadap Kinerja Lingkungan

```

R-sq:                               Obs per group:
      within - 0.0019                               m
> in = 5
      between - 0.0847                               a
> vq = 5.0
      overall - 0.0452                               m
> ax = 5

> = 0.41                               Wald chi2(1)
corr(u_i, X) = 0 (assumed)               Prob > chi2
> = 0.5201

>
> normally |      Coef.   Std. Err.   z   P>|z|   [95%
> Con
> f. Interval]
>-----+-----
>      x1 |   -2.077164   3.229185   -0.64   0.520   -8.40
> 625
>      4.251921
>      _cons |   64.62019   6.61696   9.77   0.000   51.65
> 118
>      77.58919
>-----+-----
>
>      sigma_u   30.19295
>      sigma_e   9.3677836
>      rho      .91218928   (fraction of variance due to u_i)

```

### H2 : Hubungan Antara Firm Size terhadap Kinerja Lingkungan

```
. xtreg normally normalx2, re
```

```
Random-effects GLS regression
Group variable: id
```

```
Number of obs   =   125
Number of groups =    25
```

```
R-sq:
```

```
within = 0.0040
between = 0.2258
overall = 0.1719
```

```
Obs per group:
```

```
min = 5
avg = 5.0
max = 5
```

```
corr(u_i, X) = 0 (assumed)
```

```
Wald chi2(1) = 1.69
Prob > chi2 = 0.1941
```

normally	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
normalx2	2.214193	1.705103	1.30	0.194	-1.127748	5.556135
_cons	63	5.705488	11.04	0.000	51.81745	74.18255
sigma_u	27.721123					
sigma_e	9.358207					
rho	.89769593	(fraction of variance due to u_i)				

### H3: Hubungan Antara Green Innovation dan Firm Size terhadap Kinerja Lingkungan

```
. xtreg normalY x1 normalX2, re
```

```
Random-effects GLS regression           Number of obs   =       125
Group variable: id                     Number of groups =        25

R-sq:                                   Obs per group:
    within = 0.0025                       min =           5
    between = 0.2580                      avg =          5.0
    overall = 0.1810                      max =           5

Wald chi2(2) =       2.21
corr(u_i, X) = 0 (assumed)              Prob > chi2     =       0.3315
```

normalY	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
x1	-.1341851	.3049534	-0.44	0.660	-.7318827 .4635125	
normalX2	.2059184	.1548844	1.33	0.184	-.0976494 .5094862	
_cons	7.75655	.4352403	17.82	0.000	6.903494 8.609605	
sigma_u	1.7512465					
sigma_e	.876483					
rho	.79968577	(fraction of variance due to u_i)				

### H4 : Hubungan Antara Green Innovation dan Firm Size terhadap Kinerja Lingkungan dengan ROA sebagai Variabel Kontrol

```
. xtreg normaly x1 normalx2 z, re
```

```
Random-effects GLS regression           Number of obs   =       125
Group variable: id                     Number of groups =        25

R-sq:                                   Obs per group:
    within = 0.0051                       min =           5
    between = 0.2995                      avg =          5.0
    overall = 0.2232                      max =           5

Wald chi2(3) =       2.26
corr(u_i, X) = 0 (assumed)              Prob > chi2     =       0.5199
```

normaly	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
x1	-1.564459	3.366924	-0.46	0.642	-8.163509 5.03459	
normalx2	2.405403	1.806339	1.33	0.183	-1.134956 5.945762	
z	-.0434284	.0958023	-0.45	0.650	-.2311976 .1443407	
_cons	64.32459	6.091196	10.56	0.000	52.38607 76.26312	
sigma_u	26.399231					
sigma_e	9.447766					
rho	.88646325	(fraction of variance due to u_i)				

## H5 : Hubungan *Green Innovation* terhadap Kinerja Lingkungan dengan GCG sebagai Variabel Moderasi

```
. xtreg normaly x1 m xlm, re

Random-effects GLS regression           Number of obs   =       125
Group variable: id                     Number of groups =        25

R-sq:                                  Obs per group:
    within = 0.0018                    min =           5
    between = 0.1657                   avg =          5.0
    overall = 0.0943                   max =           5

Wald chi2(3) =          0.63
corr(u_i, X) = 0 (assumed)             Prob > chi2     =       0.8884
```

normaly	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
x1	-2.908715	3.687426	-0.79	0.430	-10.13594	4.318507
m	-6.306298	23.18129	-0.27	0.786	-51.74079	39.12819
xlm	9.414205	22.80698	0.41	0.680	-35.28665	54.11506
_cons	65.0823	6.453919	10.08	0.000	52.43285	77.73175
sigma_u	27.342546					
sigma_e	9.4631424					
rho	.89303068	(fraction of variance due to u_i)				

## H6 : Hubungan *Firm Size* terhadap Kinerja Lingkungan dengan GCG sebagai Variabel Moderasi

```
. xtreg normaly normalx2 m normalx2m, re

Random-effects GLS regression           Number of obs   =       125
Group variable: id                     Number of groups =        25

R-sq:                                  Obs per group:
    within = 0.0038                    min =           5
    between = 0.1468                   avg =          5.0
    overall = 0.1243                   max =           5

Wald chi2(3) =          1.72
corr(u_i, X) = 0 (assumed)             Prob > chi2     =       0.6328
```

normaly	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
normalx2	2.009683	1.859951	1.08	0.280	-1.635755	5.655121
m	-3.763683	16.67637	-0.23	0.821	-36.44877	28.92141
normalx2m	3.694904	13.02647	0.28	0.777	-21.8365	29.22631
_cons	63.54575	6.166828	10.30	0.000	51.45899	75.63251
sigma_u	28.291721					
sigma_e	9.4540038					
rho	.89955246	(fraction of variance due to u_i)				

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