

Lampiran I

Daftar Sampel Perusahaan Manufaktur yang Terdaftar di BEI Tahun 2013-2017

No	Nama Perusahaan	Kode Perusahaan
1.	PT. Asahimas Flat Glass Tbk	AMFG
2.	PT. Arwana Citra Mulia Tbk	ARNA
3.	PT. Astra International Tbk	ASII
4.	PT. Astra Auto Part Tbk	AUTO
5.	PT. Sepatu Bata Tbk	BATA
6.	PT. Indo Kordsa Tbk	BRAM
7.	PT. Charoen Pokphand Indonesia Tbk	CPIN
8.	PT. Delta Jakarta Tbk	DLTA
9.	PT. Duta Pertiwi Nusantara Tbk	DPNS
10.	PT. Ekadharma International Tbk	EKAD
11.	PT. Gudang Garam Tbk	GGRM
12.	PT. Hanjaya Mandala Sampoerna Tbk	HMSP
13.	PT. Indofood CBP Sukses Makmur Tbk	ICBP
14.	PT. Sumi Indo Kabel Tbk	IKBI
15.	PT. Indal Aluminium Industry Tbk	INAI
16.	PT. Indofood Sukses Makmur Tbk	INDF
17.	PT. Kimia Farma (Persero) Tbk	KAEF
18.	PT. KMI Wire and Cable Tbk	KBLI
19.	PT. Kalbe Farma Tbk	KLBF
20.	PT. Lion Metal Works Tbk	LION
21.	PT. Lionmesh Prima Tbk	LMSH
22.	PT. Merck Tbk	MERK
23.	PT. Multi Bintang Indonesia Tbk	MLBI
24.	PT. Mayora Indah Tbk	MYOR
25.	PT. Nippon Indosari Corporindo Tbk	ROTI
26.	PT. Supreme Cable Manufacturing and Commerce Tbk	SCCO
27.	PT. Sekar Laut Tbk	SKLT
28.	PT. Semen Baturaja Persero Tbk	SMBR
29.	PT. Semen Indonesia Tbk	SMGR
30.	PT. Selamat Sempurna Tbk	SMSM
31.	PT. Mandom Indonesia Tbk	TCID
32.	PT. Pabrik Kertas Tjiwi Kimia Tbk	TKIM
33.	PT. Surya Toto Indonesia Tbk	TOTO
34.	PT. Trisula International Tbk	TRIS
35.	PT. Trias Sentosa Tbk	TRST
36.	PT. Tempo Scan Pasific Tbk	TSPC
37.	PT. Unggul Indah Cahaya Tbk	UNIC
38.	PT. Unilever Indonesia Tbk	UNVR

Lampiran II
Data Perusahaan tahun 2013

No	Kode	Nama Perusahaan	DER	DPR	ROA	PBV
1	AMFG	PT. Asahimas Flat Glass Tbk	0.28	0.10	0.10	1.10
2	ARNA	PT. Arwana Citra Mulia Tbk	0.48	0.31	0.21	9.41
3	ASII	PT. Astra International Tbk	1.02	0.45	0.10	2.83
4	AUTO	PT. Astra Auto Part Tbk	0.32	0.52	0.08	2.02
5	BATA	PT. Sepatu Bata Tbk	0.72	0.79	0.07	3.11
6	BRAM	PT. Indo Kordsa Tbk	0.47	1.57	0.02	0.48
7	CPIN	PT. Charoen Pokphand Indonesia Tbk	0.58	0.30	0.16	6.21
8	DLTA	PT. Delta Djakarta Tbk	1.23	0.71	0.31	0.17
9	DPNS	PT. Duta Pertiwi Nusantara Tbk	0.15	0.07	0.26	0.61
10	EKAD	PT. Ekadharma International Tbk	0.45	0.14	0.11	1.25
11	GGRM	PT. Gudang Garam Tbk	0.73	0.36	0.09	3.70
12	HMSP	PT. Hanjaya Mandala Sampoerna Tbk	0.94	0.92	0.39	0.82
13	ICBP	PT. Indofood CBP Sukses Makmur Tbk	0.60	0.50	0.11	2.20
14	IKBI	PT. Sumi Indo Kabel Tbk	0.30	0.26	0.06	0.09
15	INAI	PT. Indal Aluminium Industry Tbk	5.06	1.58	0.01	0.17
16	INDF	PT. Indofood Sukses Makmur Tbk	1.04	0.64	0.04	1.61
17	KAEF	PT. Kimia Farma (Persero) Tbk	0.52	0.14	0.09	3.13
18	KBLI	PT. KMI Wire and Cable Tbk	0.51	0.44	0.05	0.66
19	KLBF	PT. Kalbe Farma Tbk	0.33	0.49	0.17	8.52
20	LION	PT. Lion Metal Works Tbk	0.20	0.32	0.13	0.16
21	LMSH	Lion Mesh Prima Tbk	0.28	0.10	0.10	0.07
22	MERK	PT. Merck Tbk	0.36	0.46	0.25	0.44
23	MLBI	PT. Multi Bintang Indonesia Tbk	0.80	0.43	0.66	0.24
24	MYOR	PT. Mayora Indah Tbk	1.49	0.17	0.10	0.26
25	ROTI	PT. Nippon Indosari Corporindo Tbk	1.32	0.24	0.09	7.01
26	SCCO	PT. Supreme Cable Manufacturing and Commerce Tbk	1.49	0.49	0.06	1.20
27	SKLT	PT. Sekar Laut Tbk	1.16	0.18	0.04	0.87
28	SMBR	PT. Semen Baturaja Persero Tbk	0.10	0.19	0.12	1.84
29	SMGR	PT. Semen Indonesia Tbk	0.41	0.41	0.17	4.04
30	SMSM	PT. Selamat Sempurna Tbk	0.69	0.35	0.21	1.29
31	TCID	PT. Mandom Indonesia Tbk	0.24	0.46	0.11	2.46
32	TKIM	PT. Pabrik Kertas Tjiwi Kimia Tbk	2.26	0.13	0.01	0.17
33	TOTO	PT. Surya Toto Indonesia Tbk	0.69	0.42	0.14	0.17
34	TRIS	PT. Trisula International Tbk	0.59	0.19	0.11	1.37
35	TRST	PT. Trias Sentosa Tbk	0.91	0.85	0.01	0.53
36	TSPC	PT. Tempo Scan Pasific Tbk	0.40	0.53	0.12	3.38
37	UNIC	PT. Unggul Indonesia Tbk	0.85	0.15	0.04	0.39
38	UNVR	PT. Unilever Indonesia Tbk	2.14	0.95	0.40	52.4

Data Perusahaan tahun 2014

No	Kode	Nama Perusahaan	DER	DPR	ROA	PBV
1	AMFG	PT. Asahimas Flat Glass Tbk	0.23	0.08	0.12	0.94
2	ARNA	PT. Arwana Citra Mulia Tbk	0.38	0.45	0.12	0.94
3	ASII	PT. Astra International Tbk	0.96	0.46	0.09	2.31
4	AUTO	PT. Astra Auto Part Tbk	0.42	0.46	0.07	1.48
5	BATA	PT. Sepatu Bata Tbk	0.82	0.54	0.09	3.39
6	BRAM	PT. Indo Kordsa Tbk	0.74	0.08	0.05	1.39
7	CPIN	PT. Charoen Pokphand Indonesia Tbk	0.89	0.43	0.08	4.22
8	DLTA	PT. Delta Jakarta Tbk	0.31	0.69	0.29	0.12
9	DPNS	PT. Duta Pertiwi Nusantara Tbk	0.14	0.46	0.05	0.60
10	EKAD	PT. Ekadharma International Tbk	0.54	0.15	0.10	1.23
11	GGRM	PT. Gudang Garam Tbk	0.76	0.29	0.09	2.90
12	HMSP	PT. Hanjaya Mandala Sampoerna Tbk	1.10	1.05	0.36	0.90
13	ICBP	PT. Indofood CBP Sukses Makmur Tbk	0.72	0.44	0.10	2.64
14	IKBI	PT. Sumi Indo Kabel Tbk	0.20	1.92	0.02	0.11
15	INAI	PT. Indal Aluminium Industry Tbk	6.34	0.11	0.03	0.48
16	INDF	PT. Indofood Sukses Makmur Tbk	1.14	0.33	0.06	1.47
17	KAEF	PT. Kimia Farma (Persero) Tbk	0.75	0.21	0.09	3.97
18	KBLI	PT. KMI Wire and Cable Tbk	0.45	0.22	0.05	1.01
19	KLBF	PT. Kalbe Farma Tbk	0.27	0.38	0.17	8.62
20	LION	PT. Lion Metal Works Tbk	0.42	0.43	0.08	0.12
21	LMSH	PT. Lion Mesh Prima Tbk	0.25	0.25	0.05	0.07
22	MERK	PT. Merck Tbk	0.31	0.77	0.26	0.29
23	MLBI	PT. Multi Bintang Indonesia Tbk	3.03	1.54	0.36	36.24
24	MYOR	PT. Mayora Indah Tbk	1.53	0.50	0.04	0.22
25	ROTI	PT. Nippon Indosari Corporindo Tbk	1.25	0.06	0.13	6.05
26	SCCO	PT. Supreme Cable Manufacturing and Commerce Tbk	1.03	0.22	0.08	0.97
27	SKLT	PT. Sekar Laut Tbk	1.45	0.16	0.05	1.71
28	SMBR	PT. Semen Baturaja Persero Tbk	0.09	0.23	0.12	1.17
29	SMGR	PT. Semen Indonesia Tbk	0.37	0.44	0.16	2.97
30	SMSM	PT. Selamat Sempurna Tbk	0.57	0.53	0.24	1.51
31	TCID	PT. Mandom Indonesia Tbk	0.49	0.42	0.11	3.20
32	TKIM	PT. Pabrik Kertas Tjiwi Kimia Tbk	1.91	0.11	0.01	0.18
33	TOTO	PT. Surya Toto Indonesia Tbk	0.83	0.33	0.14	0.33
34	TRIS	PT. Trisula International Tbk	0.69	0.27	0.07	1.21
35	TRST	PT. Trias Sentosa Tbk	0.86	0.46	0.01	0.50
36	TSPC	PT. Tempo Scan Pasific Tbk	0.37	0.58	0.10	2.24
37	UNIC	PT. Unggul Indonesia Tbk	0.64	1.32	0.01	0.34
38	UNVR	PT. Unilever Indonesia Tbk	0.75	0.21	0.09	137.47

Data Perusahaan tahun 2015

No	Kode	Nama Perusahaan	DER	DPR	ROA	PBV
1	AMFG	PT. Asahimas Flat Glass Tbk	0.26	0.10	0.08	0.87
2	ARNA	PT. Arwana Citra Mulia Tbk	0.60	1.24	0.05	4.92
3	ASII	PT. Astra International Tbk	0.94	0.68	0.06	2.15
4	AUTO	PT. Astra Auto Part Tbk	0.41	0.93	0.02	2.29
5	BATA	PT. Sepatu Bata Tbk	0.45	0.06	0.16	2.17
6	BRAM	PT. Indo Kordsa Tbk	0.60	0.41	0.04	0.71
7	CPIN	PT. Charoen Pokphand Indonesia Tbk	0.97	0.16	0.07	4.85
8	DLTA	PT. Delta Djakarta Tbk	0.22	0.53	0.18	5.56
9	DPNS	PT. Duta Pertiwi Nusantara Tbk	0.14	0.50	0.04	0.43
10	EKAD	PT. Ekadharma International Tbk	0.33	0.13	0.12	1.11
11	GGRM	PT. Gudang Garam Tbk	0.67	0.24	0.10	3.51
12	HMSA	PT. Hanjaya Mandala Sampoerna Tbk	0.19	1.18	0.27	0.58
13	ICBP	PT. Indofood CBP Sukses Makmur Tbk	0.62	0.45	0.11	2.72
14	IKBI	PT. Sumi Indo Kabel Tbk	0.27	0.24	0.03	0.10
15	INAI	PT. Indal Aluminium Industry Tbk	4.55	0.39	0.02	0.23
16	INDF	PT. Indofood Sukses Makmur Tbk	1.13	0.68	0.04	1.45
17	KAEF	PT. Kimia Farma (Persero) Tbk	0.74	0.19	0.08	3.59
18	KBLI	PT. KMI Wire and Cable Tbk	0.51	0.14	0.07	1.39
19	KLBF	PT. Kalbe Farma Tbk	0.25	0.43	1.50	5.89
20	LION	PT. Lion Metal Works Tbk	0.41	0.45	0.07	1.09
21	LMSH	PT. Lion Mesh Prima Tbk	0.19	0.49	0.01	0.44
22	MERK	PT. Merck Tbk	0.35	1.54	0.22	6.65
23	MLBI	PT. Multi Bintang Indonesia Tbk	1.74	0.59	0.24	29.55
24	MYOR	PT. Mayora Indah Tbk	1.18	0.11	0.11	0.24
25	ROTI	PT. Nippon Indosari Corporindo Tbk	1.28	0.15	0.07	6.18
26	SCCO	PT. Supreme Cable Manufacturing and Commerce Tbk	0.92	0.26	0.09	1.06
27	SKLT	PT. Sekar Laut Tbk	1.48	0.17	0.05	1.66
28	SMBR	PT. Semen Baturaja Persero Tbk	0.11	0.23	0.10	1.63
29	SMGR	PT. Semen Indonesia Tbk	0.39	0.49	0.12	2.14
30	SMSM	PT. Selamat Sempurna Tbk	0.54	0.39	0.21	1.18
31	TCID	PT. Mandom Indonesia Tbk	0.21	0.14	0.26	1.88
32	TKIM	PT. Pabrik Kertas Tjiwi Kimia Tbk	1.81	1.39	0.00	0.14
33	TOTO	PT. Surya Toto Indonesia Tbk	0.64	0.42	0.12	0.44
34	TRIS	PT. Trisula International Tbk	0.74	0.27	0.07	0.82
35	TRST	PT. Trias Sentosa Tbk	0.72	0.55	0.01	0.44
36	TSPC	PT. Tempo Scan Pasific Tbk	0.45	0.54	0.08	2.08
37	UNIC	PT. Unggul Indonesia Tbk	0.58	(2.41)	(0.00)	0.26
38	UNVR	PT. Unilever Indonesia Tbk	0.74	0.19	0.08	126.99

Data Perusahaan tahun 2016

No	Kode	Nama Perusahaan	DER	DPR	ROA	PBV
1	AMFG	PT. Asahimas Flat Glass Tbk	0.53	0.13	0.05	0.83
2	ARNA	PT. Arwana Citra Mulia Tbk	0.63	0.41	0.06	4.22
3	ASII	PT. Astra International Tbk	0.87	0.35	0.09	2.59
4	AUTO	PT. Astra Auto Part Tbk	0.39	0.27	0.03	1.22
5	BATA	PT. Sepatu Bata Tbk	0.44	0.60	0.07	1.92
6	BRAM	PT. Indo Kordsa Tbk	0.50	0.19	0.08	1.82
7	CPIN	PT. Charoen Pokphand Indonesia Tbk	0.71	0.21	0.10	3.69
8	DLTA	PT. Delta Djakarta Tbk	0.18	0.38	0.21	3.97
9	DPNS	PT. Duta Pertiwi Nusantara Tbk	0.12	0.17	0.03	0.47
10	EKAD	PT. Ekadharma International Tbk	0.19	0.08	0.13	0.84
11	GGRM	PT. Gudang Garam Tbk	0.59	0.75	0.11	3.23
12	HMSP	PT. Hanjaya Mandala Sampoerna Tbk	0.24	0.81	0.30	13.00
13	ICBP	PT. Indofood CBP Sukses Makmur Tbk	0.56	0.43	0.13	5.53
14	IKBI	PT. Sumi Indo Kabel Tbk	0.24	0.28	0.03	0.16
15	INAI	PT. Indal Aluminium Industry Tbk	4.19	0.40	0.03	0.47
16	INDF	PT. Indofood Sukses Makmur Tbk	0.87	0.37	0.06	1.67
17	KAEF	PT. Kimia Farma (Persero) Tbk	1.03	0.18	0.06	5.99
18	KBLI	PT. KMI Wire and Cable Tbk	0.42	0.08	0.18	1.88
19	KLBF	PT. Kalbe Farma Tbk	0.22	0.38	0.15	5.96
20	LION	PT. Lion Metal Works Tbk	0.46	0.49	0.06	1.03
21	LMSH	PT. Lion Mesh Prima Tbk	0.39	0.08	0.04	0.52
22	MERK	PT. Merck Tbk	0.28	0.29	0.21	7.02
23	MLBI	PT. Multi Bintang Indonesia Tbk	1.77	0.94	0.43	30.49
24	MYOR	PT. Mayora Indah Tbk	1.06	0.19	0.11	7.24
25	ROTI	PT. Nippon Indosari Corporindo Tbk	1.02	0.19	0.10	5.75
26	SCCO	PT. Supreme Cable Manufacturing and Commerce Tbk	1.01	0.14	0.14	1.81
27	SKLT	PT. Sekar Laut Tbk	0.92	1.01	0.04	2.45
28	SMBR	PT. Semen Baturaja Persero Tbk	0.40	0.34	0.06	11.23
29	SMGR	PT. Semen Indonesia Tbk	0.45	0.40	0.10	1.71
30	SMSM	PT. Selamat Sempurna Tbk	0.43	0.56	0.25	4.45
31	TCID	PT. Mandom Indonesia Tbk	0.23	0.51	0.07	1.86
32	TKIM	PT. Pabrik Kertas Tjiwi Kimia Tbk	1.66	0.95	0.00	0.27
33	TOTO	PT. Surya Toto Indonesia Tbk	0.69	0.73	0.07	3.02
34	TRIS	PT. Trisula International Tbk	0.85	0.33	0.04	0.97
35	TRST	PT. Trias Sentosa Tbk	0.70	0.42	0.01	0.45
36	TSPC	PT. Tempo Scan Pasific Tbk	0.42	0.41	0.08	2.01
37	UNIC	PT. Unggul Indonesia Tbk	0.41	0.00	0.09	0.55
38	UNVR	PT. Unilever Indonesia Tbk	1.03	0.18	0.06	108.81

Data Perusahaan Tahun 2017

No	Kode	Nama Perusahaan	DER	DPR	ROA	PBV
1	AMFG	PT. Asahimas Flat Glass Tbk	0.77	0.90	0.01	0.63
2	ARNA	PT. Arwana Citra Mulia Tbk	0.56	0.30	0.08	2.48
3	ASII	PT. Astra International Tbk	0.89	0.47	0.06	1.85
4	AUTO	PT. Astra Auto Part Tbk	0.37	0.42	0.04	0.77
5	BATA	PT. Sepatu Bata Tbk	0.48	0.65	0.05	1.30
6	BRAM	PT. Indo Kordsa Tbk	0.40	0.21	0.08	0.97
7	CPIN	PT. Charoen Pokphand Indonesia Tbk	0.56	0.37	0.09	3.84
8	DLTA	PT. Delta Djakarta Tbk	0.17	0.52	0.21	3.83
9	DPNS	PT. Duta Pertiwi Nusantara Tbk	0.15	0.33	0.02	0.47
10	EKAD	PT. Ekadharma International Tbk	0.20	0.15	0.10	0.71
11	GGRM	PT. Gudang Garam Tbk	0.58	0.65	0.12	3.16
12	HMSA	PT. Hanjaya Mandala Sampoerna Tbk	0.26	0.99	0.29	12.07
13	ICBP	PT. Indofood CBP Sukses Makmur Tbk	0.56	0.55	0.11	4.98
14	IKBI	PT. Sumi Indo Kabel Tbk	0.24	0.15	0.06	0.40
15	INAI	PT. Indal Aluminium Industry Tbk	3.38	0.45	0.03	1.00
16	INDF	PT. Indofood Sukses Makmur Tbk	0.88	0.53	0.06	1.31
17	KAEF	PT. Kimia Farma (Persero) Tbk	1.37	0.16	0.05	4.64
18	KBLI	PT. KMI Wire and Cable Tbk	0.69	0.11	0.12	0.98
19	KLBF	PT. Kalbe Farma Tbk	0.20	0.42	0.15	5.08
20	LION	PT. Lion Metal Works Tbk	0.51	2.24	0.01	0.72
21	LMSH	PT. Lion Mesh Prima Tbk	0.24	0.07	0.08	0.54
22	MERK	PT. Merck Tbk	0.38	0.85	0.17	4.48
23	MLBI	PT. Multi Bintang Indonesia Tbk	1.36	0.81	0.53	32.65
24	MYOR	PT. Mayora Indah Tbk	1.03	0.29	0.11	8.97
25	ROTI	PT. Nippon Indosari Corporindo Tbk	0.62	0.51	0.03	2.76
26	SCCO	PT. Supreme Cable Manufacturing and Commerce Tbk	0.47	0.23	0.07	0.76
27	SKLT	PT. Sekar Laut Tbk	1.07	0.14	0.04	2.58
28	SMBR	PT. Semen Baturaja Persero Tbk	0.48	0.44	0.03	12.18
29	SMGR	PT. Semen Indonesia Tbk	0.61	0.89	0.04	1.88
30	SMSM	PT. Selamat Sempurna Tbk	0.34	0.52	0.21	4.57
31	TCID	PT. Mandom Indonesia Tbk	0.27	0.46	0.08	1.92
32	TKIM	PT. Pabrik Kertas Tjiwi Kimia Tbk	1.59	0.04	0.01	2.36
33	TOTO	PT. Surya Toto Indonesia Tbk	0.67	0.30	0.10	2.18
34	TRIS	PT. Trisula International Tbk	0.53	0.37	0.03	0.81
35	TRST	PT. Trias Sentosa Tbk	0.69	0.37	0.01	0.55
36	TSPC	PT. Tempo Scan Pasific Tbk	0.46	0.40	0.07	1.41
37	UNIC	PT. Unggul Indonesia Tbk	0.41	1.75	0.05	0.63
38	UNVR	PT. Unilever Indonesia Tbk	1.37	0.16	0.05	99.64

Lampiran III

Hasil Pengolahan SPSS

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
DER	190	.09	6.34	.7755	.80522
DPR	190	.00	2.24	.4513	.36568
PBV	190	.07	137.47	5.6723	17.77575
ROA	190	.00	1.50	.1147	.13971
Valid N (listwise)	190				

One-Sample Kolmogorov-Smirnov Test

		DER	DPR	ROA
N		190	190	190
Normal Parameters ^{a,b}	Mean	.7755	.4513	.1147
	Std. Deviation	.80522	.36568	.13971
Most Extreme Differences	Absolute	.198	.183	.237
	Positive	.198	.183	.237
	Negative	-.197	-.127	-.211
Kolmogorov-Smirnov Z		2.724	2.525	3.273
Asymp. Sig. (2-tailed)		.000	.000	.000

a. Test distribution is Normal.

b. Calculated from data.

```
COMPUTE LN_DER=LN(DER).
EXECUTE.
COMPUTE LN_DPR=LN(DPR).
EXECUTE.
```

Warning # 602

The argument for the natural log function is less than or equal to zero. The

result has been set to the system-missing value.

Command line: 19 Current case: 86 Current splitfile group: 1

Warning # 602

The argument for the natural log function is less than or equal to zero. The

result has been set to the system-missing value.

Command line: 19 Current case: 124 Current splitfile group: 1

```
COMPUTE LN_ROA=LN(ROA).
EXECUTE.
```

Warning # 602

The argument for the natural log function is less than or equal to zero. The result has been set to the system-missing value.
Command line: 22 Current case: 86 Current splitfile group: 1

Warning # 602

The argument for the natural log function is less than or equal to zero. The result has been set to the system-missing value.
Command line: 22 Current case: 88 Current splitfile group: 1

Warning # 602

The argument for the natural log function is less than or equal to zero. The result has been set to the system-missing value.
Command line: 22 Current case: 126 Current splitfile group: 1

NPAR TESTS

/K-S (NORMAL)=LN_DER LN_DPR LN_ROA
/MISSING ANALYSIS.

One-Sample Kolmogorov-Smirnov Test

		LN_DER	LN_DPR	LN_ROA
N		190	188	187
Normal Parameters ^{a,b}	Mean	-.5602	-1.0600	-2.5421
	Std. Deviation	.74989	.76246	.90424
	Absolute	.039	.093	.093
Most Extreme Differences	Positive	.038	.059	.069
	Negative	-.039	-.093	-.093
Kolmogorov-Smirnov Z		.541	1.273	1.276
Asymp. Sig. (2-tailed)		.932	.078	.077

a. Test distribution is Normal.

b. Calculated from data.

NPAR TESTS

/K-S (NORMAL)=LN_DER LN_DPR PBV
/MISSING ANALYSIS.

One-Sample Kolmogorov-Smirnov Test

		LN_DER	LN_DPR	PBV
N		190	188	190
Normal Parameters ^{a,b}	Mean	-.5602	-1.0600	5.6723
	Std. Deviation	.74989	.76246	17.77575
	Absolute	.039	.093	.377
Most Extreme Differences	Positive	.038	.059	.377
	Negative	-.039	-.093	-.376
Kolmogorov-Smirnov Z		.541	1.273	5.202
Asymp. Sig. (2-tailed)		.932	.078	.000

a. Test distribution is Normal.

b. Calculated from data.

```

COMPUTE LN_PBV=LN(PBV) .
EXECUTE .
NPAR TESTS
  /K-S (NORMAL)=LN_DER LN_DPR LN_PBV
  /MISSING ANALYSIS.

```

One-Sample Kolmogorov-Smirnov Test

		LN_DER	LN_DPR	LN_PBV
N		190	188	190
Normal Parameters ^{a,b}	Mean	-.5602	-1.0600	.4617
	Std. Deviation	.74989	.76246	1.40863
	Absolute	.039	.093	.056
Most Extreme Differences	Positive	.038	.059	.056
	Negative	-.039	-.093	-.035
Kolmogorov-Smirnov Z		.541	1.273	.770
Asymp. Sig. (2-tailed)		.932	.078	.594

a. Test distribution is Normal.

b. Calculated from data.

```

NPAR TESTS
  /K-S (NORMAL)=LN_ROA LN_PBV
  /MISSING ANALYSIS.

```

One-Sample Kolmogorov-Smirnov Test

		LN_ROA	LN_PBV
N		187	190
Normal Parameters ^{a,b}	Mean	-2.5421	.4617
	Std. Deviation	.90424	1.40863
	Absolute	.093	.056
Most Extreme Differences	Positive	.069	.056
	Negative	-.093	-.035
Kolmogorov-Smirnov Z		1.276	.770
Asymp. Sig. (2-tailed)		.077	.594

a. Test distribution is Normal.

b. Calculated from data.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.213 ^a	.046	.035	.89058	1.580

a. Predictors: (Constant), LN_DPR, LN_DER

b. Dependent Variable: LN_ROA

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	6.922	2	3.461	4.363	.014 ^b
	Residual	145.143	183	.793		
	Total	152.064	185			

a. Dependent Variable: LN_ROA

b. Predictors: (Constant), LN_DPR, LN_DER

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	-2.655	.123		-21.548	.000		
	LN_DER	-.257	.087	-.212	-2.938	.004	.999	1.001
	LN_DPR	.032	.087	.027	.374	.709	.999	1.001

a. Dependent Variable: LN_ROA

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.102 ^a	.010	.000	1.40788	1.728

a. Predictors: (Constant), LN_DPR, LN_DER

b. Dependent Variable: LN_PBV

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3.889	2	1.944	.981	.377 ^b
	Residual	366.692	185	1.982		
	Total	370.581	187			

a. Dependent Variable: LN_PBV

b. Predictors: (Constant), LN_DPR, LN_DER

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	.636	.189		3.357	.001		
	LN_DER	.181	.137	.097	1.320	.188	.998	1.002
	LN_DPR	.055	.135	.030	.404	.686	.998	1.002

a. Dependent Variable: LN_PBV

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.375 ^a	.141	.136	1.29761	1.766

a. Predictors: (Constant), LN_ROA

b. Dependent Variable: LN_PBV

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	51.024	1	51.024	30.303	.000 ^b
	Residual	311.499	185	1.684		
	Total	362.523	186			

a. Dependent Variable: LN_PBV

b. Predictors: (Constant), LN_ROA

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	1.966	.284	6.928	.000		
	LN_ROA	.579	.105	5.505	.000	1.000	1.000

a. Dependent Variable: LN_PBV

Scatterplot

Dependent Variable: LN_ROA



