LAMPIRAN

Lampiran 1

Daftar Sampel Nama Perusahaan tahun 2016-2020

No	Nama Perusahaan	Tahun
1.	PT Perusahaan Gas Negara (Persero) Tbk	2016
2.	PT Bank Negara Indonesia (Persero) Tbk	2016
3.	PT Bank Pembangunan Daerah Jawa Tengah	2016
4.	PT Kaltim Prima Coal	2016
5.	PT Indo Tambangraya Megah Tbk	2016
6.	PT ANTAM (Persero) Tbk	2016
7.	PT Timah (Persero) Tbk	2016
8.	PT Pertamina (Persero)	2016
9.	PT Wijaya Karya (Persero) Tbk	2016
10.	PT United Tractors Tbk	2016
11.	PT Bank BNI Syariah	2016
12.	PT Bank Permata Tbk	2016
13.	PT Agincourt Resources	2016
14.	PT GMF AeroAsia	2016
15.	PT Bank Maybank Indonesia Tbk	2016
16.	PT Vale Indonesia Tbk	2016
17.	PT Indocement Tunggal Prakarsa Tbk	2016
18.	PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	2016
19.	PT Pertamina EP Cepu	2016
20.	PT Pembangkitan Jawa Bali	2016
21.	PT Telekomunikasi Indonesia	2016
22.	PT Bio Farma (Persero)	2016
23.	PT Pupuk Indonesia (Persero)	2016
24.	PT Pupuk Kalimantan Timur	2016
25.	PT Semen Tonasa	2016
26.	PT Petrokimia Gresik	2016
27.	PT Indonesia Power	2016
28.	Asia Pulp & Paper	2016
1.	PT Perusahaan Gas Negara (Persero) Tbk	2017
2.	PT Bank Negara Indonesia (Persero) Tbk	2017
3.	PT Kaltim Prima Coal	2017

4.	PT ANTAM (Persero) Tbk	2017
5.	PT Timah (Persero) Tbk	2017
6.	PT Pertamina (Persero)	2017
7.	PT Wijaya Karya (Persero) Tbk	2017
8.	PT United Tractors Tbk	2017
9.	PT Agincourt Resources	2017
10.	PT Bank Maybank Indonesia Tbk	2017
11.	PT Vale Indonesia Tbk	2017
12.	PT Indocement Tunggal Prakarsa Tbk	2017
13.	PT Phapros Tbk	2017
14.	PT Bakrie & Brothers Tbk	2017
15.	PT Bank Rakyat Indonesia (Persero) Tbk	2017
16.	PT Bank CIMB Niaga, Tbk	2017
17.	PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	2017
18.	PT Pertamina EP Cepu	2017
19.	PT Indonesia Power	2017
20.	PT Pupuk Indonesia (Persero)	2017
21.	BPJS Ketenagakerjaan	2017
22.	PT Bio Farma (Persero)	2017
23.	Asia Pulp & Paper	2017
24.	PT Pupuk Kalimantan Timur	2017
1.	PT Perusahaan Gas Negara (Persero) Tbk	2018
2.	PT Kaltim Prima Coal	2018
3.	PT Indo Tambangraya Megah Tbk	2018
4.	PT ANTAM (Persero) Tbk	2018
5.	PT Timah (Persero) Tbk	2018
6.	PT Pertamina (Persero)	2018
7.	PT Wijaya Karya (Persero) Tbk	2018
8.	PT United Tractors Tbk	2018
9.	PT Agincourt Resources	2018
10.	PT Bank Maybank Indonesia Tbk	2018
11.	PT Vale Indonesia Tbk	2018
12.	PT Indocement Tunggal Prakarsa Tbk	2018
13.	PT Bank Rakyat Indonesia (Persero) Tbk	2018
14.	PT Bank CIMB Niaga, Tbk	2018
15.	PT austindo nusantara jaya	2018
16.	PT Garuda Indonesia	2018
17.	PT bumi resources	2018

18.	PT ABM Investama	2018
19.	PT Bank Pembangunan Daerah Jawa Timur	2018
20.	PT Pupuk Kujang	2018
21.	PT Bank Pembangunan Daerah Jawa Barat dan Banten	2018
22.	PT Pupuk Kalimantan Timur	2018
23.	PT Pupuk Indonesia (Persero)	2018
24.	PT Pertamina Hulu Energi ONWJ (PHE ONWJ)	2018
25.	PT Indonesia Power	2018
26.	PT Perkebunan Nusantara XI	2018
27.	PT PELNI (Persero)	2018
28.	PT Sarana Multi Infrastruktur (Persero)	2018
29.	Asia Pulp & Paper	2018
30.	BPJS Ketenagakerjaan	2018
1.	PT Perusahaan Gas Negara (Persero) Tbk	2019
2.	PT Bank Negara Indonesia (Persero) Tbk	2019
3.	PT Kaltim Prima Coal	2019
4.	PT Indo Tambangraya Megah Tbk	2019
5.	PT ANTAM (Persero) Tbk	2019
6.	PT Timah (Persero) Tbk	2019
7.	PT Pertamina (Persero)	2019
8.	PT Wijaya Karya (Persero) Tbk	2019
9.	PT United Tractors Tbk	2019
10.	PT Agincourt Resources	2019
11.	PT Bank Maybank Indonesia Tbk	2019
12.	PT Vale Indonesia Tbk	2019
13.	PT Indocement Tunggal Prakarsa Tbk	2019
14.	PT Bank Rakyat Indonesia (Persero) Tbk	2019
15.	PT Bank CIMB Niaga, Tbk	2019
16.	PT austindo nusantara jaya	2019
17.	PT bumi resources	2019
18.	PT ABM Investama	2019
19.	PT Bank Pembangunan Daerah Jawa Barat dan Banten	2019
20.	PT Angkasa Pura 1 (Persero)	2019
21.	PT Bank Pembangunan Jawa Timur Tbk	2019
22.	PT Pupuk Sriwidjaja Palembang (PUSRI)	2019
23.	PT Pupuk Indonesia (Persero)	2019
24.	PT Pupuk Kalimantan Timur	2019
25.	BPJS Ketenagakerjaan	2019
26.	PT Indonesia Power	2019

27.	PT PELNI (Persero)	2019
28.	PT Sarana Multi Infrastruktur (Persero)	2019
1.	PT Perusahaan Gas Negara (Persero) Tbk	2020
2.	PT Bank Negara Indonesia (Persero) Tbk	2020
3.	PT Indo Tambangraya Megah Tbk	2020
4.	PT Timah (Persero) Tbk	2020
5.	PT Pertamina (Persero)	2020
6.	PT United Tractors Tbk	2020
7.	PT Bank Maybank Indonesia Tbk	2020
8.	PT Vale Indonesia Tbk	2020
9.	PT Indocement Tunggal Prakarsa Tbk	2020
10.	PT Bank Rakyat Indonesia (Persero) Tbk	2020
11.	PT Bank CIMB Niaga, Tbk	2020
12.	PT austindo nusantara jaya	2020
13.	PT bumi resources	2020
14.	PT ABM Investama	2020
15.	PT Bank Pembangunan Daerah Jawa Barat dan Banten	2020
16.	PT Bank Pembangunan Jawa Timur Tbk	2020
17.	PT Bank BTPN Syariah Tbk	2020
18.	PT Bank BTPN Tbk	2020
19.	PT Bukit Asam Tbk	2020
20.	PT XL Axiata Tbk	2020
21.	PT Astra International Tbk	2020
22.	PT PP Properti Tbk	2020
23.	PT Sarana Multi Infrastruktur (Persero)	2020

Lampiran 2

Index 145 item pengungkapan *sustainability reporting*

Nama Perusahaan	Tahun	Total	Max Item	SRD
PT Perusahaan Gas Negara (Persero) Tbk	2016	61	145	0.420690
PT Bank Negara Indonesia (Persero) Tbk	2016	31	145	0.213793
PT Bank Pembangunan Daerah Jawa Tengah	2016	59	145	0.406897
PT Kaltim Prima Coal	2016	66	145	0.455172

PT Indo Tambangraya Megah Tbk	2016	52	145	0.358621
PT ANTAM (Persero) Tbk	2016	60	145	0.413793
PT Timah (Persero) Tbk	2016	82	145	0.565517
PT Pertamina (Persero)	2016	49	145	0.337931
PT Wijaya Karya (Persero) Tbk	2016	43	145	0.296552
PT United Tractors Tbk	2016	47	145	0.324138
PT Bank BNI Syariah	2016	65	145	0.448276
PT Bank Permata Tbk	2016	50	145	0.344828
PT Agincourt Resources	2016	37	145	0.255172
PT GMF AeroAsia	2016	75	145	0.517241
PT Bank Maybank Indonesia Tbk	2016	43	145	0.296552
PT Vale Indonesia Tbk	2016	40	145	0.275862
PT Indocement Tunggal Prakarsa Tbk	2016	42	145	0.289655
PT Bakrie Sumatera Plantations Tbk	2016	57	145	0.393103
PT Pertamina Hulu Energi ONWJ (PHE ONWJ)	2016	73	145	0.503448
PT Pertamina EP Cepu	2016	78	145	0.537931
PT Pembangkitan Jawa Bali	2016	67	145	0.462069
PT Telekomunikasi Indonesia	2016	57	145	0.393103
PT Bio Farma (Persero)	2016	65	145	0.448276
PT Pupuk Indonesia (Persero)	2016	79	145	0.544828
PT Pupuk Kalimantan Timur	2016	85	145	0.586207
PT Semen Tonasa	2016	57	145	0.393103
PT Petrokimia Gresik	2016	84	145	0.579310
PT Indonesia Power	2016	72	145	0.496552
Asia Pulp & Paper	2016	121	145	0.834483
PT Perusahaan Gas Negara (Persero) Tbk	2017	63	145	0.434483
PT Bank Negara Indonesia (Persero) Tbk	2017	43	145	0.296552
PT Kaltim Prima Coal	2017	64	145	0.441379
PT ANTAM (Persero) Tbk	2017	74	145	0.510345
PT Timah (Persero) Tbk	2017	71	145	0.489655
PT Pertamina (Persero)	2017	53	145	0.365517
PT Wijaya Karya (Persero) Tbk	2017	47	145	0.324138
PT United Tractors Tbk	2017	53	145	0.365517
PT Agincourt Resources	2017	74	145	0.510345
PT Bank Maybank Indonesia Tbk	2017	50	145	0.344828
PT Vale Indonesia Tbk	2017	49	145	0.337931
PT Indocement Tunggal Prakarsa Tbk	2017	50	145	0.344828
PT Phapros Tbk	2017	62	145	0.427586
PT Bakrie & Brothers Tbk	2017	60	145	0.413793

PT Bank Rakyat Indonesia (Persero) Tbk	2017	42	145	0.289655
PT Bank CIMB Niaga, Tbk	2017	49	145	0.337931
PT Pertamina Hulu Energi ONWJ (PHE ONWJ)	2017	73	145	0.503448
PT Pertamina EP Cepu	2017	72	145	0.496552
PT Indonesia Power	2017	80	145	0.551724
PT Pupuk Indonesia (Persero)	2017	76	145	0.524138
BPJS Ketenagakerjaan	2017	133	145	0.917241
PT Bio Farma (Persero)	2017	69	145	0.475862
Asia Pulp & Paper	2017	116	145	0.800000
PT Pupuk Kalimantan Timur	2017	136	145	0.937931
PT Perusahaan Gas Negara (Persero) Tbk	2018	66	145	0.455172
PT Kaltim Prima Coal	2018	65	145	0.448276
PT Indo Tambangraya Megah Tbk	2018	47	145	0.324138
PT ANTAM (Persero) Tbk	2018	67	145	0.462069
PT Timah (Persero) Tbk	2018	81	145	0.558621
PT Pertamina (Persero)	2018	61	145	0.420690
PT Wijaya Karya (Persero) Tbk	2018	57	145	0.393103
PT United Tractors Tbk	2018	55	145	0.379310
PT Agincourt Resources	2018	77	145	0.531034
PT Bank Maybank Indonesia Tbk	2018	51	145	0.351724
PT Vale Indonesia Tbk	2018	73	145	0.503448
PT Indocement Tunggal Prakarsa Tbk	2018	49	145	0.337931
PT Bank Rakyat Indonesia (Persero) Tbk	2018	58	145	0.400000
PT Bank CIMB Niaga, Tbk	2018	50	145	0.344828
PT austindo nusantara jaya	2018	59	145	0.406897
PT Garuda Indonesia	2018	65	145	0.448276
PT bumi resources	2018	65	145	0.448276
PT ABM Investama	2018	59	145	0.406897
PT Bank Pembangunan Daerah Jawa Timur	2018	105	145	0.724138
PT Pupuk Kujang	2018	75	145	0.517241
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2018	51	145	0.351724
PT Pupuk Kalimantan Timur	2018	135	145	0.931034
PT Pupuk Indonesia (Persero)	2018	120	145	0.827586
PT Pertamina Hulu Energi ONWJ (PHE ONWJ)	2018	102	145	0.703448
PT Indonesia Power	2018	89	145	0.613793
PT Perkebunan Nusantara XI	2018	88	145	0.606897

PT PELNI (Persero)	2018	90	145	0.620690
PT Sarana Multi Infrastruktur (Persero)	2018	83	145	0.572414
Asia Pulp & Paper	2018	110	145	0.758621
BPJS Ketenagakerjaan	2018	84	145	0.579310
PT Perusahaan Gas Negara (Persero) Tbk	2019	114	145	0.786207
PT Bank Negara Indonesia (Persero) Tbk	2019	43	145	0.296552
PT Kaltim Prima Coal	2019	65	145	0.448276
PT Indo Tambangraya Megah Tbk	2019	58	145	0.400000
PT ANTAM (Persero) Tbk	2019	74	145	0.510345
PT Timah (Persero) Tbk	2019	80	145	0.551724
PT Pertamina (Persero)	2019	92	145	0.634483
PT Wijaya Karya (Persero) Tbk	2019	95	145	0.655172
PT United Tractors Tbk	2019	55	145	0.379310
PT Agincourt Resources	2019	100	145	0.689655
PT Bank Maybank Indonesia Tbk	2019	52	145	0.358621
PT Vale Indonesia Tbk	2019	74	145	0.510345
PT Indocement Tunggal Prakarsa Tbk	2019	48	145	0.331034
PT Bank Rakyat Indonesia (Persero) Tbk	2019	55	145	0.379310
PT Bank CIMB Niaga, Tbk	2019	80	145	0.551724
PT austindo nusantara jaya	2019	89	145	0.613793
PT bumi resources	2019	87	145	0.600000
PT ABM Investama	2019	90	145	0.620690
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2019	101	145	0.696552
PT Angkasa Pura 1 (Persero)	2019	78	145	0.537931
PT Bank Pembangunan Jawa Timur Tbk	2019	92	145	0.634483
PT Pupuk Sriwidjaja Palembang (PUSRI)	2019	86	145	0.593103
PT Pupuk Indonesia (Persero)	2019	115	145	0.793103
PT Pupuk Kalimantan Timur	2019	137	145	0.944828
BPJS Ketenagakerjaan	2019	82	145	0.565517
PT Indonesia Power	2019	51	145	0.351724
PT PELNI (Persero)	2019	86	145	0.593103
PT Sarana Multi Infrastruktur (Persero)	2019	107	145	0.737931
PT Perusahaan Gas Negara (Persero) Tbk	2020	124	145	0.855172
PT Bank Negara Indonesia (Persero) Tbk	2020	51	145	0.351724
PT Indo Tambangraya Megah Tbk	2020	91	145	0.627586
PT Timah (Persero) Tbk	2020	78	145	0.537931
PT Pertamina (Persero)	2020	130	145	0.896552
PT United Tractors Tbk	2020	65	145	0.448276
PT Bank Maybank Indonesia Tbk	2020	52	145	0.358621

PT Vale Indonesia Tbk	2020	102	145	0.703448
PT Indocement Tunggal Prakarsa Tbk	2020	60	145	0.413793
PT Bank Rakyat Indonesia (Persero) Tbk	2020	93	145	0.641379
PT Bank CIMB Niaga, Tbk	2020	100	145	0.689655
PT austindo nusantara jaya	2020	110	145	0.758621
PT bumi resources	2020	84	145	0.579310
PT ABM Investama	2020	101	145	0.696552
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2020	96	145	0.662069
PT Bank Pembangunan Jawa Timur Tbk	2020	51	145	0.351724
PT Bank BTPN Syariah Tbk	2020	60	145	0.413793
PT Bank BTPN Tbk	2020	103	145	0.710345
PT Bukit Asam Tbk	2020	108	145	0.744828
PT XL Axiata Tbk	2020	55	145	0.379310
PT Astra International Tbk	2020	65	145	0.448276
PT PP Properti Tbk	2020	77	145	0.531034
PT Sarana Multi Infrastruktur (Persero)	2020	108	145	0.744828

Lampiran 3

Perhitungan Umur Perusahaan tahun 2016

Nama Perusahaan	Tahun Perusahaan	Tahun Listing	Age
PT Perusahaan Gas Negara (Persero) Tbk	2016	1965	51
PT Bank Negara Indonesia (Persero) Tbk	2016	1946	70
PT Bank Pembangunan Daerah Jawa Tengah	2016	1963	53
PT Kaltim Prima Coal	2016	2005	11
PT Indo Tambangraya Megah Tbk	2016	1987	29
PT ANTAM (Persero) Tbk	2016	1968	48
PT Timah (Persero) Tbk	2016	1995	21
PT Pertamina (Persero)	2016	1957	59
PT Wijaya Karya (Persero) Tbk	2016	1960	56
PT United Tractors Tbk	2016	1972	44
PT Bank BNI Syariah	2016	2010	6
PT Bank Permata Tbk	2016	1954	62
PT Agincourt Resources	2016	1997	19
PT GMF AeroAsia	2016	2002	14
PT Bank Maybank Indonesia Tbk	2016	1959	57

PT Vale Indonesia Tbk	2016	1968	48
PT Indocement Tunggal Prakarsa Tbk	2016	1985	31
PT Bakrie Sumatera Plantations Tbk	2016	1986	30
PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	2016	1989	27
PT Pertamina EP Cepu	2016	2005	11
PT Pembangkitan Jawa Bali	2016	1995	21
PT Telekomunikasi Indonesia	2016	1991	25
PT Bio Farma (Persero)	2016	1998	18
PT Pupuk Indonesia (Persero)	2016	1970	46
PT Pupuk Kalimantan Timur	2016	1977	39
PT Semen Tonasa	2016	1968	48
PT Petrokimia Gresik	2016	1972	44
PT Indonesia Power	2016	1995	21
Asia Pulp & Paper	2016	1990	26

Perhitungan Umur Perusahaan tahun 2017

Nama Perusahaan	Tahun Perusahaan	Tahun Listing	Age
PT Perusahaan Gas Negara (Persero) Tbk	2017	1965	52
PT Bank Negara Indonesia (Persero) Tbk	2017	1946	71
PT Kaltim Prima Coal	2017	2005	12
PT ANTAM (Persero) Tbk	2017	1968	49
PT Timah (Persero) Tbk	2017	1995	22
PT Pertamina (Persero)	2017	1957	60
PT Wijaya Karya (Persero) Tbk	2017	1960	57
PT United Tractors Tbk	2017	1972	45
PT Agincourt Resources	2017	1997	20
PT Bank Maybank Indonesia Tbk	2017	1959	58
PT Vale Indonesia Tbk	2017	1968	49
PT Indocement Tunggal Prakarsa Tbk	2017	1985	32
PT Phapros Tbk	2017	1954	63
PT Bakrie & Brothers Tbk	2017	1951	66
PT Bank Rakyat Indonesia (Persero) Tbk	2017	1968	49
PT Bank CIMB Niaga, Tbk	2017	1955	62
PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	2017	1989	28
PT Pertamina EP Cepu	2017	2005	12
PT Indonesia Power	2017	1995	22

PT Pupuk Indonesia (Persero)	2017	1970	47
BPJS Ketenagakerjaan	2017	2014	3
PT Bio Farma (Persero)	2017	1998	19
Asia Pulp & Paper	2017	1990	27
PT Pupuk Kalimantan Timur	2017	1977	40

Perhitungan Umur Perusahaan tahun 2018

Nama Perusahaan	Tahun Perusahaan	Tahun Listing	Age
PT Perusahaan Gas Negara (Persero) Tbk	2018	1965	53
PT Kaltim Prima Coal	2018	2005	13
PT Indo Tambangraya Megah Tbk	2018	1987	31
PT ANTAM (Persero) Tbk	2018	1968	50
PT Timah (Persero) Tbk	2018	1995	23
PT Pertamina (Persero)	2018	1957	61
PT Wijaya Karya (Persero) Tbk	2018	1960	58
PT United Tractors Tbk	2018	1972	46
PT Agincourt Resources	2018	1997	21
PT Bank Maybank Indonesia Tbk	2018	1959	59
PT Vale Indonesia Tbk	2018	1968	50
PT Indocement Tunggal Prakarsa Tbk	2018	1985	33
PT Bank Rakyat Indonesia (Persero) Tbk	2018	1968	50
PT Bank CIMB Niaga, Tbk	2018	1955	63
PT austindo nusantara jaya	2018	1993	25
PT Garuda Indonesia	2018	1950	68
PT bumi resources	2018	1998	20
PT ABM Investama	2018	2006	12
PT Bank Pembangunan Daerah Jawa Timur	2018	1961	57
PT Pupuk Kujang	2018	1975	43
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2018	2010	8
PT Pupuk Kalimantan Timur	2018	1977	41
PT Pupuk Indonesia (Persero)	2018	1970	48
PT Pertamina Hulu Energi ONWJ (PHE ONWJ)	2018	1989	29
PT Indonesia Power	2018	1995	23
PT Perkebunan Nusantara XI	2018	1996	22

PT PELNI (Persero)	2018	1962	56
PT Sarana Multi Infrastruktur (Persero)	2018	2009	9
Asia Pulp & Paper	2018	1990	28
BPJS Ketenagakerjaan	2018	2014	4

Perhitungan Umur Perusahaan tahun 2019

Nama Perusahaan	Tahun Perusahaan	Tahun Listing	Age
PT Perusahaan Gas Negara (Persero) Tbk	2019	1965	54
PT Bank Negara Indonesia (Persero) Tbk	2019	1946	73
PT Kaltim Prima Coal	2019	2005	14
PT Indo Tambangraya Megah Tbk	2019	1987	32
PT ANTAM (Persero) Tbk	2019	1968	51
PT Timah (Persero) Tbk	2019	1995	24
PT Pertamina (Persero)	2019	1957	62
PT Wijaya Karya (Persero) Tbk	2019	1960	59
PT United Tractors Tbk	2019	1972	47
PT Agincourt Resources	2019	1997	22
PT Bank Maybank Indonesia Tbk	2019	1959	60
PT Vale Indonesia Tbk	2019	1968	51
PT Indocement Tunggal Prakarsa Tbk	2019	1985	34
PT Bank Rakyat Indonesia (Persero) Tbk	2019	1968	51
PT Bank CIMB Niaga, Tbk	2019	1955	64
PT austindo nusantara jaya	2019	1993	26
PT bumi resources	2019	1998	21
PT ABM Investama	2019	2006	13
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2019	2010	9
PT Angkasa Pura 1 (Persero)	2019	1964	55
PT Bank Pembangunan Jawa Timur Tbk	2019	1961	58
PT Pupuk Sriwidjaja Palembang (PUSRI)	2019	1969	50
PT Pupuk Indonesia (Persero)	2019	1970	49
PT Pupuk Kalimantan Timur	2019	1977	42
BPJS Ketenagakerjaan	2019	2014	5
PT Indonesia Power	2019	1995	24
PT PELNI (Persero)	2019	1962	57
PT Sarana Multi Infrastruktur (Persero)	2019	2009	10

Perhitungan Umur Perusahaan tahun 2020

Nama Perusahaan	Tahun Perusahaan	Tahun Listing	Age
PT Perusahaan Gas Negara (Persero) Tbk	2020	1965	55
PT Bank Negara Indonesia (Persero) Tbk	2020	1946	74
PT Indo Tambangraya Megah Tbk	2020	1987	33
PT Timah (Persero) Tbk	2020	1995	25
PT Pertamina (Persero)	2020	1957	63
PT United Tractors Tbk	2020	1972	48
PT Bank Maybank Indonesia Tbk	2020	1959	61
PT Vale Indonesia Tbk	2020	1968	52
PT Indocement Tunggal Prakarsa Tbk	2020	1985	35
PT Bank Rakyat Indonesia (Persero) Tbk	2020	1968	52
PT Bank CIMB Niaga, Tbk	2020	1955	65
PT austindo nusantara jaya	2020	1993	27
PT bumi resources	2020	1998	22
PT ABM Investama	2020	2006	14
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2020	2010	10
PT Bank Pembangunan Jawa Timur Tbk	2020	1961	59
PT Bank BTPN Syariah Tbk	2020	2014	6
PT Bank BTPN Tbk	2020	1958	62
PT Bukit Asam Tbk	2020	1981	39
PT XL Axiata Tbk	2020	2005	15
PT Astra International Tbk	2020	1957	63
PT PP Properti Tbk	2020	2013	7
PT Sarana Multi Infrastruktur (Persero)	2020	2009	11

Lampiran 4

Perhitungan Ukuran Perusahaan tahun 2016

Nama Perusahaan	Tahun Perusahaan	Total Aset Perusahaan	Ukuran Perusahaan
PT Perusahaan Gas Negara (Persero) Tbk	2016	91,823,679,278,048	32.150891
PT Bank Negara Indonesia (Persero) Tbk	2016	603,031,880	20.217481
PT Bank Pembangunan Daerah Jawa Tengah	2016	51,245,699,881	24.659898
PT Kaltim Prima Coal	2016	556,844,265,541	27.045551
PT Indo Tambangraya Megah Tbk	2016	16,254,765,312	23.511652
PT ANTAM (Persero) Tbk	2016	29,981,535,812	24.123848
PT Timah (Persero) Tbk	2016	9,548,631	16.071908
PT Pertamina (Persero)	2016	634,625,355,816	27.176301
PT Wijaya Karya (Persero) Tbk	2016	3,135,520,469	21.866061
PT United Tractors Tbk	2016	63,991,229	17.974257
PT Bank BNI Syariah	2016	28,314,175	17.158873
PT Bank Permata Tbk	2016	165,527,512	18.924648
PT Agincourt Resources	2016	11,354,481,658,976	30.060634
PT GMF AeroAsia	2016	5,946,627,241,652	29.413845
PT Bank Maybank Indonesia Tbk	2016	166,678,902	18.931580
PT Vale Indonesia Tbk	2016	29,901,710,512	24.121182
PT Indocement Tunggal Prakarsa Tbk	2016	30,150,580	17.221715
PT Bakrie Sumatera Plantations Tbk	2016	14,700,318,360	23.411135
PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	2016	66,263,270,386,500	31.824657
PT Pertamina EP Cepu	2016	28,402,137,000	24.069730
PT Pembangkitan Jawa Bali	2016	191,738,394	19.071642
PT Telekomunikasi Indonesia	2016	179,611,000,000	25.914059
PT Bio Farma (Persero)	2016	1,849,555,403,118	28.245966

PT Pupuk Indonesia (Persero)	2016	127,096,965	18.660461
PT Pupuk Kalimantan Timur	2016	29,390,541	17.196183
PT Semen Tonasa	2016	8,730,454,358	22.890083
PT Petrokimia Gresik	2016	39,944,832	17.503010
PT Indonesia Power	2016	220,888,024	19.213166
Asia Pulp & Paper	2016	92,863,800,000	25.254400

Perhitungan Ukuran Perusahaan tahun 2017

Nama Perusahaan	Tahun Perusahaan	Total Aset Perusahaan	Ukuran Perusahaan
PT Perusahaan Gas Negara (Persero) Tbk	2017	85,259,311,570,068	32.076718
PT Bank Negara Indonesia (Persero) Tbk	2017	709,330,084	20.379832
PT Kaltim Prima Coal	2017	712,173,968,096	27.291588
PT ANTAM (Persero) Tbk	2017	30,014,273,452	24.124939
PT Timah (Persero) Tbk	2017	11,876,309	16.290056
PT Pertamina (Persero)	2017	693,841,446,360	27.265509
PT Wijaya Karya (Persero) Tbk	2017	45,683,774,302	24.545009
PT United Tractors Tbk	2017	82,262,093	18.225421
PT Agincourt Resources	2017	11,888,183,809,836	30.106566
PT Bank Maybank Indonesia Tbk	2017	173,253,491	18.970266
PT Vale Indonesia Tbk	2017	29,596,405,332	24.110919
PT Indocement Tunggal Prakarsa Tbk	2017	28,863,676	17.178094
PT Phapros Tbk	2017	1,175,935,585	20.885330
PT Bakrie & Brothers Tbk	2017	6,604,885,000,000	29.518831
PT Bank Rakyat Indonesia (Persero) Tbk	2017	1,127,447,489	20.843222
PT Bank CIMB Niaga, Tbk	2017	266,305,445	19.400154
PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	2017	64,770,099,458,016	31.801865
PT Pertamina EP Cepu	2017	35,333,482,056	24.288097
PT Indonesia Power	2017	218,339,042	19.201560
PT Pupuk Indonesia (Persero)	2017	128,488,026	18.671346

BPJS Ketenagakerjaan	2017	14,455,702,232,828	30.302110
PT Bio Farma (Persero)	2017	6,449,448,948,628	29.495016
Asia Pulp & Paper	2017	103,428,629,328	25.362148
PT Pupuk Kalimantan Timur	2017	29,756,787	17.208568

Perhitungan Ukuran Perusahaan tahun 2018

Nama Perusahaan	Tahun Perusahaan	Total Aset Perusahaan	Ukuran Perusahaan
PT Perusahaan Gas Negara (Persero) Tbk	2018	114,968,614,731,327	32.375680
PT Kaltim Prima Coal	2018	1,317,346,611,770	27.906641
PT Indo Tambangraya Megah Tbk	2018	20,892,144,168	23.762639
PT ANTAM (Persero) Tbk	2018	33,306,390,807	24.229015
PT Timah (Persero) Tbk	2018	15,220,685	16.538166
PT Pertamina (Persero)	2018	937,187,903,412	27.566150
PT Wijaya Karya (Persero) Tbk	2018	59,230,001,239	24.804694
PT United Tractors Tbk	2018	116,281,017	18.571520
PT Agincourt Resources	2018	10,278,635,507,019	29.961089
PT Bank Maybank Indonesia Tbk	2018	177,532,858	18.994666
PT Vale Indonesia Tbk	2018	31,893,707,412	24.185675
PT Indocement Tunggal Prakarsa Tbk	2018	27,788,562	17.140135
PT Bank Rakyat Indonesia (Persero) Tbk	2018	1,296,898,292	20.983241
PT Bank CIMB Niaga, Tbk	2018	266,781,498	19.401941
PT austindo nusantara jaya	2018	8,720,529,388,596	29.796701
PT Garuda Indonesia	2018	63,306,003,912,966	31.779001
PT bumi resources	2018	56,573,993,410,659	31.666571
PT ABM Investama	2018	12,337,084,995,876	30.143631
PT Bank Pembangunan Daerah Jawa Timur	2018	62,689,118	17.953698
PT Pupuk Kujang	2018	11,936,618	16.295121
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2018	120,191,387	18.604596
PT Pupuk Kalimantan Timur	2018	31,506,034	17.265690
PT Pupuk Indonesia (Persero)	2018	138,903,479	18.749290
PT Pertamina Hulu Energi ONWJ (PHE ONWJ)	2018	65,623,069,827	24.907193

PT Indonesia Power	2018	196,133,125	19.094304
PT Perkebunan Nusantara XI	2018	7,863,429,565,877	29.693244
PT PELNI (Persero)	2018	6,583,657,386,893	29.515612
PT Sarana Multi Infrastruktur (Persero)	2018	62,493,190,581,375	31.766079
Asia Pulp & Paper	2018	126,723,419,253	25.565273
BPJS Ketenagakerjaan	2018	14,924,414,018,706	30.334020

Perhitungan Ukuran Perusahaan tahun 2019

Nama Perusahaan	Tahun Perusahaan	Total Aset Perusahaan	Ukuran Perusahaan
PT Perusahaan Gas Negara (Persero) Tbk	2019	102,501,986,581,556	32.260903
PT Bank Negara Indonesia (Persero) Tbk	2019	845,605,208	20.555563
PT Kaltim Prima Coal	2019	1,300,213,401,172	27.893550
PT Indo Tambangraya Megah Tbk	2019	16,806,878,941	23.545054
PT ANTAM (Persero) Tbk	2019	30,194,907,730	24.130939
PT Timah (Persero) Tbk	2019	20,361,278	16.829146
PT Pertamina (Persero)	2019	932,568,157,608	27.561208
PT Wijaya Karya (Persero) Tbk	2019	62,110,847,154	24.852186
PT United Tractors Tbk	2019	111,713,375	18.531447
PT Agincourt Resources	2019	10,667,827,254,677	29.998254
PT Bank Maybank Indonesia Tbk	2019	169,082,830	18.945899
PT Vale Indonesia Tbk	2019	30,897,585,888	24.153944
PT Indocement Tunggal Prakarsa Tbk	2019	27,707,749	17.137223
PT Bank Rakyat Indonesia (Persero) Tbk	2019	1,416,758,840	21.071638
PT Bank CIMB Niaga, Tbk	2019	274,467,227	19.430342
PT austindo nusantara jaya	2019	8,697,968,353,704	29.794111
PT bumi resources	2019	51,722,921,119,978	31.576922
PT ABM Investama	2019	11,874,634,062,265	30.105426
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2019	123,536,474	18.632047
PT Angkasa Pura 1 (Persero)	2019	42,786,551,099	24.479490
PT Bank Pembangunan Jawa Timur Tbk	2019	76,756,313	18.156146

PT Pupuk Sriwidjaja Palembang (PUSRI)	2019	28,495,530	17.165258
PT Pupuk Indonesia (Persero)	2019	135,553,590	18.724878
PT Pupuk Kalimantan Timur	2019	29,096,597	17.186132
BPJS Ketenagakerjaan	2019	15,837,343,118,372	30.393392
PT Indonesia Power	2019	189,705,596	19.060984
PT PELNI (Persero)	2019	7,061,282,309,805	29.585648
PT Sarana Multi Infrastruktur (Persero)	2019	75,818,614,841,004	31.959365

Perhitungan Ukuran Perusahaan tahun 2020

Nama Perusahaan	Tahun Perusahaan	Total Aset Perusahaan	Ukuran Perusahaan
PT Perusahaan Gas Negara (Persero) Tbk	2020	106,266,878,101,475	32.296975
PT Bank Negara Indonesia (Persero) Tbk	2020	845,605,208	20.555563
PT Indo Tambangraya Megah Tbk	2020	16,342,462,045	23.517033
PT Timah (Persero) Tbk	2020	14,517,700	16.490879
PT Pertamina (Persero)	2020	975,272,861,745	27.605983
PT United Tractors Tbk	2020	99,800,963	18.418688
PT Bank Maybank Indonesia Tbk	2020	173,224,412	18.970098
PT Vale Indonesia Tbk	2020	32,648,251,090	24.209057
PT Indocement Tunggal Prakarsa Tbk	2020	27,344,672	17.124032
PT Bank Rakyat Indonesia (Persero) Tbk	2020	1,511,804,628	21.136570
PT Bank CIMB Niaga, Tbk	2020	280,943,605	19.453665
PT austindo nusantara jaya	2020	8,972,808,468,260	29.825220
PT bumi resources	2020	48,359,702,362,335	31.509688
PT ABM Investama	2020	11,668,180,409,795	30.087887
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2020	140,934,002	18.763802
PT Bank Pembangunan Jawa Timur Tbk	2020	83,619,452	18.241787
PT Bank BTPN Syariah Tbk	2020	16,435,005	16.614924
PT Bank BTPN Tbk	2020	183,165,978	19.025903
PT Bukit Asam Tbk	2020	24,056,755	16.995926

PT XL Axiata Tbk	2020	67,744,797	18.031258
PT Astra International Tbk	2020	338,203,000,000	26.546912
PT PP Properti Tbk	2020	18,588,970,471,992	30.553590
PT Sarana Multi Infrastruktur (Persero)	2020	100,740,244,241,489	32.243566

Lampiran 5

Perhitungan Profitabilitas tahun 2016

Nama Perusahaan	Tahun Perusahaan	Laba Bersih Setelah pajak	Total Aset	ROA
PT Perusahaan Gas Negara (Persero) Tbk	2016	4,146,133,495,376	91,823,679,278,048	0.045153
PT Bank Negara Indonesia (Persero) Tbk	2016	11,410,196	603,031,880	0.018921
PT Bank Pembangunan Daerah Jawa Tengah	2016	980,769,638	51,245,699,881.00	0.019139
PT Kaltim Prima Coal	2016	-34,936,525,224	556,844,265,541.00	-0.062740
PT Indo Tambangraya Megah Tbk	2016	1,756,206,124	16,254,765,312.00	0.108043
PT ANTAM (Persero) Tbk	2016	64,806,188	29,981,535,812	0.002162
PT Timah (Persero) Tbk	2016	283,049	9,548,631	0.029643
PT Pertamina (Persero)	2016	42,493,419,144	634,625,355,816	0.066958
PT Wijaya Karya (Persero) Tbk	2016	1,147,144,922	31,355,204,690	0.036585
PT United Tractors Tbk	2016	5,104,477	63,991,229	0.079768
PT Bank BNI Syariah	2016	277,375	28,314,175	0.009796
PT Bank Permata Tbk	2016	-6,483,084	165,527,512	-0.039166
PT Agincourt Resources	2016	1,621,265,312,592	11,354,481,658,976	0.142786
PT GMF AeroAsia	2016	775,824,373,868	5,946,627,241,652	0.130465
PT Bank Maybank Indonesia Tbk	2016	1,967,276	166,678,902	0.011803
PT Vale Indonesia Tbk	2016	25,609,016	29,901,710,512	0.000856
PT Indocement Tunggal Prakarsa Tbk	2016	3,870,319	30,150,580	0.128366
PT Bakrie Sumatera Plantations Tbk	2016	-606,401,706	14,700,318,360	-0.041251

PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	2016	2,578,748,575,500	66,263,270,386,500	0.038917
PT Pertamina EP Cepu	2016	3,006,085,500	28,402,137,000	0.105840
PT Pembangkitan Jawa Bali	2016	3,776,444	191,738,394	0.019696
PT Telekomunikasi Indonesia	2016	29,172,000,000	179,611,000,000	0.162418
PT Bio Farma (Persero)	2016	501,040,990,083	1,849,555,403,118	0.270898
PT Pupuk Indonesia (Persero)	2016	3,525,940	127,096,965	0.027742
PT Pupuk Kalimantan Timur	2016	1,542,123	29,390,541	0.052470
PT Semen Tonasa	2016	603,206,870	8,730,454,358	0.069092
PT Petrokimia Gresik	2016	1,407,385	39,944,832	0.035233
PT Indonesia Power	2016	2,886,704	220,888,024	0.013069
Asia Pulp & Paper	2016	2,737,192,500	92,863,800,000	0.029475

Perhitungan Profitabilitas tahun 2017

Nama Perusahaan	Tahun Perusahaan	Laba Bersih Setelah pajak	Total Aset	ROA
PT Perusahaan Gas Negara (Persero) Tbk	2017	2,002,177,781,028	85,259,311,570,068	0.023483
PT Bank Negara Indonesia (Persero) Tbk	2017	13,770,592	709,330,084	0.019414
PT Kaltim Prima Coal	2017	16,939,129,753	712,173,968,096	0.023785
PT ANTAM (Persero) Tbk	2017	136,503,269	30,014,273,452	0.004548
PT Timah (Persero) Tbk	2017	508,914	11,876,309	0.042851
PT Pertamina (Persero)	2017	34,582,882,212	693,841,446,360	0.049843
PT Wijaya Karya (Persero) Tbk	2017	1,356,115,489	45,683,774,302	0.029685
PT United Tractors Tbk	2017	7,673,322	82,262,093	0.093279
PT Agincourt Resources	2017	2,050,319,081,652	11,888,183,809,836	0.172467
PT Bank Maybank Indonesia Tbk	2017	1,860,845	173,253,491	0.010741
PT Vale Indonesia Tbk	2017	-206,891,508	29,596,405,332	(0.006990)

PT Indocement Tunggal Prakarsa Tbk	2017	1,859,818	28,863,676	0.064435
PT Phapros Tbk	2017	125,266,061	1,175,935,585	0.106525
PT Bakrie & Brothers Tbk	2017	-1,198,994	6,604,885	(0.181531)
PT Bank Rakyat Indonesia (Persero) Tbk	2017	29,044,334	1,127,447,489	0.025761
PT Bank CIMB Niaga, Tbk	2017	2,977,738	266,305,445	0.011182
PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	2017	3,398,881,596	64,770,099,458,016	0.000052
PT Pertamina EP Cepu	2017	8,971,553,340	35,333,482,056	0.253911
PT Indonesia Power	2017	3,232,323	218,339,042	0.014804
PT Pupuk Indonesia (Persero)	2017	3,075,396	128,488,026	0.023935
BPJS Ketenagakerjaan	2017	1,299,523,515,599	14,455,702,232,828	0.089897
PT Bio Farma (Persero)	2017	525,355,610,162	6,449,448,948,628	0.081457
Asia Pulp & Paper	2017	5,599,144,536	103,428,629,328	0.054135
PT Pupuk Kalimantan Timur	2017	1,656,830	29,756,787	0.055679

Perhitungan Profitabilitas tahun 2018

Nama Perusahaan	Tahun Perusahaan	Laba Bersih Setelah pajak	Total Aset	ROA
PT Perusahaan Gas Negara (Persero) Tbk	2018	5,280,332,435,460	114,968,614,731,327	0.045928
PT Kaltim Prima Coal	2018	83,006,247,196	1,317,346,611,770	0.063010
PT Indo Tambangraya Megah Tbk	2018	3,747,045,636	20,892,144,168	0.179352
PT ANTAM (Persero) Tbk	2018	874,426,593	33,306,390,807	0.026254
PT Timah (Persero) Tbk	2018	183,857	15,220,685	0.012079
PT Pertamina (Persero)	2018	39,336,101,514	937,187,903,412	0.041972
PT Wijaya Karya (Persero) Tbk	2018	2,073,299,864	59,230,001,239	0.035004
PT United Tractors Tbk	2018	11,498,409	116,281,017	0.098885

PT Agincourt Resources	2018	2,415,386,806,722	10,278,635,507,019	0.234991
PT Bank Maybank Indonesia Tbk	2018	2,262,245	177,532,858	0.012743
PT Vale Indonesia Tbk	2018	876,274,272	31,893,707,412	0.027475
PT Indocement Tunggal Prakarsa Tbk	2018	1,145,937	27,788,562	0.041238
PT Bank Rakyat Indonesia (Persero) Tbk	2018	41,753,694	1,296,898,292	0.032195
PT Bank CIMB Niaga, Tbk	2018	3,482,428	266,781,498	0.013053
PT austindo nusantara jaya	2018	-7,119,033,372	8,720,529,388,596	(0.000816)
PT Garuda Indonesia	2018	72,670,118,148	63,306,003,912,966	0.001148
PT bumi resources	2018	2,291,159,911,869	56,573,993,410,659	0.040498
PT ABM Investama	2018	2,522,794,845,492	12,337,084,995,876	0.204489
PT Bank Pembangunan Daerah Jawa Timur	2018	1,260,308	62,689,118	0.020104
PT Pupuk Kujang	2018	224,119	11,936,618	0.018776
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2018	1,552,396	120,191,387	0.012916
PT Pupuk Kalimantan Timur	2018	1,847,520	31,506,034	0.058640
PT Pupuk Indonesia (Persero)	2018	4,213,377	138,903,479	0.030333
PT Pertamina Hulu Energi ONWJ (PHE ONWJ)	2018	6,903,498,168	65,623,069,827	0.105199
PT Indonesia Power	2018	3,501,624	196,133,125	0.017853
PT Perkebunan Nusantara XI	2018	(135,415,749,548)	7,863,429,565,877	(0.017221)
PT PELNI (Persero)	2018	204,173,698,929	6,583,657,386,893	0.031012
PT Sarana Multi Infrastruktur (Persero)	2018	1,531,109,955,765	62,493,190,581,375	0.024500
Asia Pulp & Paper	2018	8,517,811,086	126,723,419,253	0.067216
BPJS Ketenagakerjaan	2018	501,517,395,583	14,924,414,018,706	0.033604

Perhitungan Profitabilitas tahun 2019

Nama Perusahaan	Tahun Perusahaan	Laba Bersih Setelah pajak	Total Aset	ROA
PT Perusahaan Gas Negara (Persero) Tbk	2019	1,570,551,591,695	102,501,986,581,556	0.015322
PT Bank Negara Indonesia (Persero) Tbk	2019	15,508,583	845,605,208	0.018340
PT Kaltim Prima Coal	2019	112,929,902,331	1,300,213,401,172	0.086855
PT Indo Tambangraya Megah Tbk	2019	1,758,504,302	16,806,878,941	0.104630
PT ANTAM (Persero) Tbk	2019	193,852,031	30,194,907,730	0.006420
PT Timah (Persero) Tbk	2019	-608,776	20,361,278	(0.029899)
PT Pertamina (Persero)	2019	36,398,183,786	932,568,157,608	0.039030
PT Wijaya Karya (Persero) Tbk	2019	2,621,015,140	62,110,847,154	0.042199
PT United Tractors Tbk	2019	11,134,641	111,713,375	0.099672
PT Agincourt Resources	2019	2,999,729,749,271	10,667,827,254,677	0.281194
PT Bank Maybank Indonesia Tbk	2019	1,924,180	169,082,830	0.011380
PT Vale Indonesia Tbk	2019	797,917,400	30,897,585,888	0.025825
PT Indocement Tunggal Prakarsa Tbk	2019	1,835,305	27,707,749	0.066238
PT Bank Rakyat Indonesia (Persero) Tbk	2019	34,413,825	1,416,758,840	0.024291
PT Bank CIMB Niaga, Tbk	2019	3,642,935	274,467,227	0.013273
PT austindo nusantara jaya	2019	-63,363,426,992	8,697,968,353,704	(0.007285)
PT bumi resources	2019	449,733,687,214	51,722,921,119,978	0.008695
PT ABM Investama	2019	54,129,993,564	11,874,634,062,265	0.004558

PT Bank Pembangunan Daerah Jawa Barat dan Banten	2019	1,564,492	123,536,474	0.012664
PT Angkasa Pura 1 (Persero)	2019	1,452,227,166	42,786,551,099	0.033941
PT Bank Pembangunan Jawa Timur Tbk	2019	1,376,505	76,756,313	0.017933
PT Pupuk Sriwidjaja Palembang (PUSRI)	2019	502,970	28,495,530	0.017651
PT Pupuk Indonesia (Persero)	2019	3,712,040	135,553,590	0.027384
PT Pupuk Kalimantan Timur	2019	1,803,148	29,096,597	0.061971
BPJS Ketenagakerjaan	2019	318,277,668,446	15,837,343,118,372	0.020097
PT Indonesia Power	2019	7,370,309	189,705,596	0.038851
PT PELNI (Persero)	2019	205,767,156,497	7,061,282,309,805	0.029140
PT Sarana Multi Infrastruktur (Persero)	2019	1,703,593,594,680	75,818,614,841,004	0.022469

Perhitungan Profitabilitas tahun 2020

Nama Perusahaan	Tahun Perusahaan	Laba Bersih Setelah pajak	Total Aset	ROA
PT Perusahaan Gas Negara (Persero) Tbk	2020	-3,043,405,016,470	106,266,878,101,475	(0.028639)
PT Bank Negara Indonesia (Persero) Tbk	2020	15,508,583	845,605,208	0.018340
PT Indo Tambangraya Megah Tbk	2020	533,563,940	16,342,462,045	0.032649
PT Timah (Persero) Tbk	2020	-340,602	14,517,700	(0.023461)
PT Pertamina (Persero)	2020	11,606,496,720	975,272,861,745	0.011901
PT United Tractors Tbk	2020	5,632,425	99,800,963	0.056437

PT Bank Maybank Indonesia Tbk	2020	1,284,392	173,224,412	0.007415
PT Vale Indonesia Tbk	2020	1,168,161,995	32,648,251,090	0.035780
PT Indocement Tunggal Prakarsa Tbk	2020	1,806,337	27,344,672	0.066058
PT Bank Rakyat Indonesia (Persero) Tbk	2020	18,660,393	1,511,804,628	0.012343
PT Bank CIMB Niaga, Tbk	2020	2,011,254	280,943,605	0.007159
PT austindo nusantara jaya	2020	31,183,686,625	8,972,808,468,260	0.003475
PT bumi resources	2020	-4,758,335,417,745	48,359,702,362,335	(0.098395)
PT ABM Investama	2020	-532,323,602,720	11,668,180,409,795	(0.045622)
PT Bank Pembangunan Daerah Jawa Barat dan Banten	2020	1,689,996	140,934,002	0.011991
PT Bank Pembangunan Jawa Timur Tbk	2020	1,488,962	83,619,452	0.017806
PT Bank BTPN Syariah Tbk	2020	854,614	16,435,005	0.052000
PT Bank BTPN Tbk	2020	2,005,677	183,165,978	0.010950
PT Bukit Asam Tbk	2020	2,407,927	24,056,755	0.100094
PT XL Axiata Tbk	2020	371,598	67,744,797	0.005485
PT Astra International Tbk	2020	18,571,000,000	338,203,000,000	0.054911
PT PP Properti Tbk	2020	106,377,057,578	18,588,970,471,992	0.005723
PT Sarana Multi Infrastruktur (Persero)	2020	1,906,740,693,489	100,740,244,241,489	0.018927

Lampiran 6

Perhitungan Likuiditas tahun 2016

Nama Perusahaan	Aset Lancar	Hutang Lancar	Current Ratio

PT Perusahaan Gas Negara (Persero) Tbk	28,547,122,940,844	10,955,336,673,732	2.605773
PT Bank Negara Indonesia (Persero) Tbk	579,728,149	438,045,541	1.323443
PT Bank Pembangunan Daerah Jawa Tengah	49,511,741,674	45,336,048,557	1.092105
PT Kaltim Prima Coal	109,192,279,325	184,348,944,913	0.592313
PT Indo Tambangraya Megah Tbk	7,242,057,744	3,208,987,060	2.256805
PT ANTAM (Persero) Tbk	10,630,221,568	4,352,313,598	2.442430
PT Timah (Persero) Tbk	5,237,907	3,061,232	1.711045
PT Pertamina (Persero)	218,213,901,332	108,927,748,016	2.003290
PT Wijaya Karya (Persero) Tbk	23,651,834,992	14,909,016,696	1.586411
PT United Tractors Tbk	42,197,323	18,355,948	2.298836
PT Bank BNI Syariah	4,370,926	4,230,222	1.033262
PT Bank Permata Tbk	156,201,478	139,538,062	1.119418
PT Agincourt Resources	1,823,842,289,636	1,439,152,707,148	1.267303
PT GMF AeroAsia	4,409,884,042,980	1,972,142,193,380	2.236088
PT Bank Maybank Indonesia Tbk	153,301,585	132,690,760	1.155330
PT Vale Indonesia Tbk	8,050,233,144	1,773,283,280	4.539733
PT Indocement Tunggal Prakarsa Tbk	14,424,622	3,187,742	4.525028
PT Bakrie Sumatera Plantations Tbk	1,014,926,396	10,292,576,380	0.098608
PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	11,753,825,721,921	17,799,471,491,742	0.660347
PT Pertamina EP Cepu	4,181,287,383	7,544,673,405	0.554204
PT Pembangkitan Jawa Bali	21,600,003	3,772,224	5.726066
PT Telekomunikasi Indonesia	47,701,000,000	39,762,000,000	1.199663
PT Bio Farma (Persero)	1,849,555,403,118	453,168,975,542	4.081381
PT Pupuk Indonesia (Persero)	49,575,126	42,525,709	1.165768
PT Pupuk Kalimantan Timur	8,800,230	6,206,180	1.417979
PT Semen Tonasa	2,054,754,220	1,685,186,498	1.219304
PT Petrokimia Gresik	17,345,002	16,134,363	1.075035
PT Indonesia Power	26,032,438	4,554,447	5.715829
Asia Pulp & Paper	31,669,642,899	19,814,265,414	1.598325

Perhitungan Likuiditas tahun 2017

Nama Perusahaan	Aset Lancar	Hutang Lancar	Current Ratio
PT Perusahaan Gas Negara (Persero) Tbk	24,495,434,209,164	6,322,324,149,264	3.874435
PT Bank Negara Indonesia (Persero) Tbk	685,634,492	517,280,974	1.325459
PT Kaltim Prima Coal	222,236,280,850	201,916,771,013	1.100633
PT ANTAM (Persero) Tbk	9,001,938,755	5,552,461,635	1.621252
PT Timah (Persero) Tbk	6,996,966	3,402,526	2.056403
PT Pertamina (Persero)	259,533,725,184	133,272,272,112	1.947395
PT Wijaya Karya (Persero) Tbk	34,910,108,265	25,975,617,297	1.343957
PT United Tractors Tbk	51,202,200	28,376,562	1.804383
PT Agincourt Resources	1,866,105,719,880	1,102,558,201,308	1.692524
PT Bank Maybank Indonesia Tbk	177,243,606	147,187,546	1.204202
PT Vale Indonesia Tbk	8,088,914,688	1,751,756,400	4.617602
PT Indocement Tunggal Prakarsa Tbk	12,883,074	3,479,024	3.703071
PT Phapros Tbk	765,505,014	184,724,697	4.144032
PT Bakrie & Brothers Tbk	2,606,511	11,694,680	0.222880
PT Bank Rakyat Indonesia (Persero) Tbk	1,072,927,629	932,454,584	1.150649
PT Bank CIMB Niaga, Tbk	253,008,318	226,467,692	1.117194
PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	11,401,081,470,024	20,019,566,221,212	0.569497
PT Pertamina EP Cepu	4,181,287,383	7,544,673,405	0.554204
PT Indonesia Power	36,506,702	5,256,190	6.945468
PT Pupuk Indonesia (Persero)	48,455,634	36,863,153	1.314473
BPJS Ketenagakerjaan	7,097,014,436,297	1,109,289,868,958	6.397800
PT Bio Farma (Persero)	1,964,086,541,215	579,555,521,725	3.388953
Asia Pulp & Paper	45,547,798,869	21,763,929,330	2.092811
PT Pupuk Kalimantan Timur	9,579,183	6,324,643	1.514581

Perhitungan Likuiditas tahun 2018

Nama Perusahaan	Aset Lancar	Hutang Lancar	Current Ratio
PT Perusahaan Gas Negara (Persero) Tbk	35,820,328,250,826	23,235,117,344,046	1.541646
PT Kaltim Prima Coal	430,031,716,542	366,342,449,195	1.173852
PT Indo Tambangraya Megah Tbk	11,098,962,450	5,646,098,457	1.965776
PT ANTAM (Persero) Tbk	8,498,442,636	5,511,744,144	1.541879
PT Timah (Persero) Tbk	9,204,287	6,176,251	1.490271
PT Pertamina (Persero)	335,296,028,124	202,341,304,242	1.657081
PT Wijaya Karya (Persero) Tbk	43,555,495,865	28,251,951,385	1.541681
PT United Tractors Tbk	55,651,808	48,785,716	1.140740
PT Agincourt Resources	1,039,635,591,480	1,211,312,856,906	0.858272
PT Bank Maybank Indonesia Tbk	166,820,118	149,148,201	1.118486
PT Vale Indonesia Tbk	9,137,482,038	2,539,098,540	3.598711
PT Indocement Tunggal Prakarsa Tbk	12,315,796	3,925,649	3.137264
PT Bank Rakyat Indonesia (Persero) Tbk	1,229,386,132	1,083,020,293	1.135146
PT Bank CIMB Niaga, Tbk	250,235,550	220,933,568	1.132628
PT austindo nusantara jaya	1,353,578,878,269	811,941,415,830	1.667089
PT Garuda Indonesia	19,650,351,209,940	35,494,620,382,422	0.553615
PT bumi resources	6,674,347,116,864	16,783,424,290,782	0.397675
PT ABM Investama	4,709,836,497,690	3,226,313,350,629	1.459820
PT Bank Pembangunan Daerah Jawa Timur	61,203,261	54,005,863	1.133271
PT Pupuk Kujang	4,903,239	1,257,368	3.899605
PT Bank Pembangunan Daerah Jawa Barat dan Banten	114,809,863	101,911,377	1.126566
PT Pupuk Kalimantan Timur	11,912,400	4,409,344	2.701626
PT Pupuk Indonesia (Persero)	57,647,384	24,524,445	2.350609
PT Pertamina Hulu Energi ONWJ (PHE ONWJ)	12,884,730,408	11,280,206,646	1.142242
PT Indonesia Power	36,506,702	5,256,190	6.945468

PT Perkebunan Nusantara XI	1,431,406,442,733	1,929,703,651,814	0.741775
PT PELNI (Persero)	2,886,301,170,820	444,786,785,478	6.489179
PT Sarana Multi Infrastruktur (Persero)	58,499,057,409,133	8,992,911,684,303	6.505019
Asia Pulp & Paper	4,190,614	1,741,730	2.406007
BPJS Ketenagakerjaan	8,107,132,417,389	1,215,201,016,368	6.671433

Perhitungan Likuiditas tahun 2019

Nama Perusahaan	Aset Lancar	Hutang Lancar	Current Ratio
PT Perusahaan Gas Negara (Persero) Tbk	30,701,079,141,741	15,615,845,389,597	1.966021
PT Bank Negara Indonesia (Persero) Tbk	817,731,106	608,122,862	1.344681
PT Kaltim Prima Coal	407,151,517,982	253,383,797,678	1.606857
PT Indo Tambangraya Megah Tbk	6,568,222,500	3,242,936,488	2.025394
PT ANTAM (Persero) Tbk	7,665,239,260	5,293,238,393	1.448119
PT Timah (Persero) Tbk	12,307,055	11,958,185	1.029174
PT Pertamina (Persero)	320,846,562,226	169,082,700,548	1.897572
PT Wijaya Karya (Persero) Tbk	42,335,471,858	30,349,456,945	1.394933
PT United Tractors Tbk	50,826,955	32,585,529	1.559801
PT Agincourt Resources	1,610,238,946,695	2,191,160,986,041	0.734879
PT Bank Maybank Indonesia Tbk	161,319,040	140,101,860	1.151441
PT Vale Indonesia Tbk	8,178,139,013	1,898,209,352	4.308344
PT Indocement Tunggal Prakarsa Tbk	12,829,494	3,907,492	3.283307
PT Bank Rakyat Indonesia (Persero) Tbk	1,350,428,384	1,151,668,116	1.172585
PT Bank CIMB Niaga, Tbk	16,031,447	228,220,159	0.070246
PT austindo nusantara jaya	929,101,262,109	437,060,479,138	2.125796
PT bumi resources	6,311,068,373,634	16,303,746,772,545	0.387093
PT ABM Investama	3,624,754,879,673	3,010,993,243,036	1.203840
PT Bank Pembangunan Daerah Jawa Barat dan Banten	117,701,451	103,814,061	1.133772

PT Angkasa Pura 1 (Persero)	8,190,498,240	6,180,788,551	1.325154
PT Bank Pembangunan Jawa Timur Tbk	75,154,380	67,196,480	1.118427
PT Pupuk Sriwidjaja Palembang (PUSRI)	7,205,725	4,060,573	1.774559
PT Pupuk Indonesia (Persero)	51,467,947	26,646,943	1.931477
PT Pupuk Kalimantan Timur	7,518,269	2,240,057	3.356285
BPJS Ketenagakerjaan	7,682,744,415,007	1,637,977,247,731	4.690385
PT Indonesia Power	31,546,109	4,756,821	6.631763
PT PELNI (Persero)	3,263,929,091,801	668,931,203,365	4.879320
PT Sarana Multi Infrastruktur (Persero)	71,589,615,325,216	12,421,439,799,847	5.763391

Perhitungan Likuiditas tahun 2020

Nama Perusahaan	Aset Lancar	Hutang Lancar	Current Ratio
PT Perusahaan Gas Negara (Persero) Tbk	28,291,608,511,530	16,688,406,014,280	1.695285
PT Bank Negara Indonesia (Persero) Tbk	844,604,295	671,841,919	1.257147
PT Indo Tambangraya Megah Tbk	5,923,154,965	2,923,966,500	2.025726
PT Timah (Persero) Tbk	6,557,264	5,865,165	1.118002
PT Pertamina (Persero)	325,523,582,475	150,815,892,955	2.158417
PT United Tractors Tbk	44,195,782	20,943,824	2.110206
PT Bank Maybank Indonesia Tbk	165,206,348	143,702,926	1.149638
PT Vale Indonesia Tbk	9,816,685,060	2,266,814,550	4.330608
PT Indocement Tunggal Prakarsa Tbk	12,299,306	4,215,956	2.917323
PT Bank Rakyat Indonesia (Persero) Tbk	1,436,348,991	1,242,749,675	1.155783
PT Bank CIMB Niaga, Tbk	261,690,564	238,568,036	1.096922
PT austindo nusantara jaya	938,103,520,900	400,668,449,545	2.341346
PT bumi resources	5,604,998,424,025	18,317,664,662,570	0.305989
PT ABM Investama	4,431,235,516,890	3,705,263,410,030	1.195930

PT Bank Pembangunan Daerah Jawa Barat dan Banten	123,306,184	119,146,261	1.034914
PT Bank Pembangunan Jawa Timur Tbk	81,465,633	73,017,874	1.115694
PT Bank BTPN Syariah Tbk	15,786,265	2,041,540	7.732528
PT Bank BTPN Tbk	178,747,143	236,942,474	0.754390
PT Bukit Asam Tbk	8,364,356	3,872,457	2.159961
PT XL Axiata Tbk	7,571,123	18,857,026	0.401501
PT Astra International Tbk	132,308,000,000	85,736,000,000	1.543202
PT PP Properti Tbk	11,490,844,438,332	6,760,191,759,915	1.699781
PT Sarana Multi Infrastruktur (Persero)	100,258,649,359,895	18,426,161,831,858	5.441103

Lampiran 7

Perhitungan Kepemilikan Institusional tahun 2016

Nama Perusahaan	Jumlah saham yang dimiliki institusi	Jumlah saham yang beredar	Total INST
PT Perusahaan Gas Negara (Persero) Tbk	325,708,904,121,456	325,708,904,121,456	1.000000
PT Bank Negara Indonesia (Persero) Tbk	18,103,741,821	18,648,656,458	0.970780
PT Bank Pembangunan Daerah Jawa Tengah	1,868,489	1,868,489	1.000000
PT Kaltim Prima Coal	674,250	2,500,000	0.269700
PT Indo Tambangraya Megah Tbk	9,889,849,956,000	15,181,672,300,000	0.651434
PT ANTAM (Persero) Tbk	15,620,000,000	24,030,764,725	0.650000
PT Timah (Persero) Tbk	4,841,053,952	7,447,753,454	0.650002
PT Pertamina (Persero)	1,788,206,604,892	1,788,206,604,892	1.000000
PT Wijaya Karya (Persero) Tbk	5,834,850,001	8,969,951,372	0.650488
PT United Tractors Tbk	2,219,317,358	3,730,135,136	0.594970
PT Bank BNI Syariah	1,501,500	1,501,500	1.000000
PT Bank Permata Tbk	19,909,138,662	22,339,930,055	0.891191
PT Agincourt Resources	1,142,060,000,000	1,142,060,000,000	1.000000
PT GMF AeroAsia	8,943,001,600	8,943,001,600	1.000000

PT Bank Maybank Indonesia Tbk	65,909,370,964	67,746,840,730	0.972877
PT Vale Indonesia Tbk	133,504,647,041,920	133,504,647,041,920	1.000000
PT Indocement Tunggal Prakarsa Tbk	1,877,480,863	3,681,231,699	0.510014
PT Bakrie Sumatera Plantations Tbk	3,624,965,263	3,624,965,263	1.000000
PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	2,900,000,000	2,900,000,000	1.000000
PT Pertamina EP Cepu	8,700,000	8,700,000	1.000000
PT Pembangkitan Jawa Bali	6,000,000,000	6,000,000,000	1.000000
PT Telekomunikasi Indonesia	58,602,943,540	100,799,996,400	0.581378
PT Bio Farma (Persero)	2,000,000,000,000	2,000,000,000,000	1.000000
PT Pupuk Indonesia (Persero)	12,899,908	12,899,908	1.000000
PT Pupuk Kalimantan Timur	6,828,895,838	6,828,895,838	1.000000
PT Semen Tonasa	304000500	304000500	1.000000
PT Petrokimia Gresik	2,393,093	2,393,093	1.000000
PT Indonesia Power	5,215,647,600	5,215,647,600	1.000000
Asia Pulp & Paper	2,884,473,498	5,470,982,941	0.527231

Perhitungan Kepemilikan Institusional tahun 2017

Nama Perusahaan	Jumlah saham yang dimiliki institusi	Jumlah saham yang beredar	Total INST
PT Perusahaan Gas Negara (Persero) Tbk	328,425,953,039,408	328,423,953,039,408	1.000006
PT Bank Negara Indonesia (Persero) Tbk	18,301,103,413	18,648,656,458	0.981363
PT Kaltim Prima Coal	1,078,800,000	4,000,000,000	0.269700
PT ANTAM (Persero) Tbk	15,620,000,000	24,030,764,725	0.650000
PT Timah (Persero) Tbk	4,841,053,952	7,447,753,454	0.650002
PT Pertamina (Persero)	1,803,112,762,956	1,803,112,762,956	1.000000
PT Wijaya Karya (Persero) Tbk	5,834,850,001	5,834,850,001	1.000000
PT United Tractors Tbk	2,219,317,358	3,730,135,136	0.594970
PT Agincourt Resources	1,151,580,000,000	1,151,580,000,000	1.000000
PT Bank Maybank Indonesia Tbk	65,909,370,964	67,746,840,730	0.972877
PT Vale Indonesia Tbk	134,617,516,978,560	134,617,516,978,560	1.000000
PT Indocement Tunggal Prakarsa Tbk	1,877,480,863	3,681,231,699	0.510014

PT Phapros Tbk	95,380,372	168,000,000	0.567740
PT Bakrie & Brothers Tbk	36,610,877,995	113,535,564,308	0.322462
PT Bank Rakyat Indonesia (Persero) Tbk	70,000,000,000	123,345,810,000	0.567510
PT Bank CIMB Niaga, Tbk	24,937,199,351	25,131,606,843	0.992264
PT Pertamina Hulu Energi Offshore North West Java (PHE ONWJ)	2,709,600,000,000	2,709,600,000,000	1.000000
PT Pertamina EP Cepu	6,774,000	6,774,000	1.000000
PT Indonesia Power	5,215,647,600	5,215,647,600	1.000000
PT Pupuk Indonesia (Persero)	12,899,908	12,899,908	1.000000
BPJS Ketenagakerjaan	9,439,394,578,454	9,439,394,578,454	1.000000
PT Bio Farma (Persero)	2,000,000,000,000	2,000,000,000,000	1.000000
Asia Pulp & Paper	2,884,473,498	5,470,982,941	0.527231
PT Pupuk Kalimantan Timur	6,828,895,838	6,828,895,838	1.000000

Perhitungan Kepemilikan institusional tahun 2018

Nama Perusahaan	Jumlah saham yang dimiliki institusi	Jumlah saham yang beredar	Total INST
PT Perusahaan Gas Negara (Persero) Tbk	351,041,280,186,276	351,041,280,186,276	1.000000
PT Kaltim Prima Coal	1,578,800,000	5,050,000,000	0.312634
PT Indo Tambangraya Megah Tbk	10,659,044,151,000	16,362,443,925,000	0.651434
PT ANTAM (Persero) Tbk	15,620,000,000	24,030,764,725	0.650000
PT Timah (Persero) Tbk	4,841,053,952	7,447,753,454	0.650002
PT Pertamina (Persero)	2,479,538,824,164	2,479,538,824,164	1.000000
PT Wijaya Karya (Persero) Tbk	5,834,850,001	8,969,951,372	0.650488
PT United Tractors Tbk	2,219,317,358	3,730,135,136	0.594970
PT Agincourt Resources	1,230,885,000,000	1,230,885,000,000	1.000000
PT Bank Maybank Indonesia Tbk	74,148,042,329	76,215,195,821	0.972877
PT Vale Indonesia Tbk	143,888,121,004,320	143,888,121,004,320	1.000000
PT Indocement Tunggal Prakarsa Tbk	1,877,480,863	3,681,231,699	0.510014
PT Bank Rakyat Indonesia (Persero) Tbk	70,000,000,000	123,345,810,000	0.567510
PT Bank CIMB Niaga, Tbk	24,933,388,455	25,131,606,843	0.992113
PT austindo nusantara jaya	39,679,388,447,544	48,571,808,175,000	0.816922

PT Garuda Indonesia	322,951,436,018,433	374,863,510,734,174	0.861517
PT bumi resources	214,972,634,208,618	948,156,905,953,728	0.226727
PT ABM Investama	35,657,584,314,300	39,868,582,365,000	0.894378
PT Bank Pembangunan Daerah Jawa Timur	11,934,147,982	14,978,134,982	0.796771
PT Pupuk Kujang	924,436	924,436	1.000000
PT Bank Pembangunan Daerah Jawa Barat dan Banten	7,414,714,661	9,838,787,161	0.753621
PT Pupuk Kalimantan Timur	6,828,895,838	6,828,895,838	1.000000
PT Pupuk Indonesia (Persero)	25,000,000	25,000,000	1.000000
PT Pertamina Hulu Energi ONWJ (PHE ONWJ)	2,896,200,000	2,896,200,000	1.000000
PT Indonesia Power	5,215,647,600	5,215,647,600	1.000000
PT Perkebunan Nusantara XI	1,168,481	1,168,481	1.000000
PT PELNI (Persero)	7,065,092	7,065,092	1.000000
PT Sarana Multi Infrastruktur (Persero)	30,516,600,000,000	30,516,600,000,000	1.000000
Asia Pulp & Paper	41,979,380,683,338	79,225,303,968,621	0.529873
BPJS Ketenagakerjaan	9,459,295,255,351	9,459,295,255,351	1.000000

Perhitungan Kepemilikan Institusional tahun 2019

Nama Perusahaan	Jumlah saham yang dimiliki institusi	Jumlah saham yang beredar	Total INST
PT Perusahaan Gas Negara (Persero) Tbk	336,981,205,432,596	336,981,205,432,596	1.000000
PT Bank Negara Indonesia (Persero) Tbk	17,935,461,282	18,648,656,458	0.961756
PT Kaltim Prima Coal	5,394,000,000	25,250,000,000	0.213624
PT Indo Tambangraya Megah Tbk	10,232,122,971,000	15,707,087,425,000	0.651434
PT ANTAM (Persero) Tbk	15,620,000,000	24,030,764,725	0.650000
PT Timah (Persero) Tbk	4,841,053,952	7,447,753,454	0.650002
PT Pertamina (Persero)	2,380,227,138,644	2,380,227,138,644	1.000000
PT Wijaya Karya (Persero) Tbk	5,834,850,001	8,969,951,372	0.650488
PT United Tractors Tbk	2,219,317,358	3,730,135,136	0.594970
PT Agincourt Resources	1,181,585,000,000	1,181,585,000,000	1.000000

PT Bank Maybank Indonesia Tbk	74,148,047,929	76,215,195,821	0.972877
PT Vale Indonesia Tbk	138,125,044,546,720	138,125,044,546,720	1.000000
PT Indocement Tunggal Prakarsa Tbk	1,877,480,863	3,681,231,699	0.510014
PT Bank Rakyat Indonesia (Persero) Tbk	70,000,000,000	123,345,810,000	0.567510
PT Bank CIMB Niaga, Tbk	24,929,895,141	25,131,606,843	0.991974
PT austindo nusantara jaya	38,090,130,433,624	46,626,386,675,000	0.816922
PT bumi resources	206,362,446,525,378	910,194,974,745,488	0.226723
PT ABM Investama	34,229,409,540,300	38,271,746,665,000	0.894378
PT Bank Pembangunan Daerah Jawa Barat dan Banten	7,414,714,661	9,838,787,161	0.753621
PT Angkasa Pura 1 (Persero)	6,414,412,000	6,414,412,000	1.000000
PT Bank Pembangunan Jawa Timur Tbk	11,934,147,982	15,002,370,582	0.795484
PT Pupuk Sriwidjaja Palembang (PUSRI)	5,800,000	5,800,000	1.000000
PT Pupuk Indonesia (Persero)	25,000,000	25,000,000	1.000000
PT Pupuk Kalimantan Timur	17,600,000,000	17,600,000,000	1.000000
BPJS Ketenagakerjaan	9,459,295,255,351	9,459,295,255,351	1.000000
PT Indonesia Power	5,215,647,600	5,215,647,600	1.000000
PT PELNI (Persero)	7,065,092	7,065,092	1.000000
PT Sarana Multi Infrastruktur (Persero)	30,516,600,000,000	30,516,600,000,000	1.000000

Perhitungan Kepemilikan Institusional tahun 2020

Nama Perusahaan	Jumlah saham yng dimiliki institusi	Jumlah saham yang beredar	Total INST
PT Perusahaan Gas Negara (Persero) Tbk	194,768,923,797,820	341,926,444,894,580	0.569622
PT Bank Negara Indonesia (Persero) Tbk	16,309,687,854	18,629,076,758	0.875496
PT Indo Tambangraya Megah Tbk	10,382,281,455,000	15,937,592,125,000	0.651434
PT Timah (Persero) Tbk	4,841,053,952	7,447,753,454	0.650002
PT Pertamina (Persero)	2,444,818,606,230	2,444,818,606,230	1.000000

PT United Tractors Tbk	2,219,317,358	3,730,135,136	0.594970
PT Bank Maybank Indonesia Tbk	74,148,042,329	76,215,195,821	0.972877
PT Vale Indonesia Tbk	140,152,057,645,600	140,152,057,645,600	1.000000
PT Indocement Tunggal Prakarsa Tbk	1,877,480,863	3,681,231,699	0.510014
PT Bank Rakyat Indonesia (Persero) Tbk	70,000,000,000	123,345,810,000	0.567510
PT Bank CIMB Niaga, Tbk	24,927,657,094	25,131,606,843	0.991885
PT austindo nusantara jaya	38,649,110,838,520	47,310,638,375,000	0.816922
PT bumi resources	209,390,857,365,690	962,365,891,853,275	0.217579
PT ABM Investama	34,731,733,081,500	38,833,392,325,000	0.894378
PT Bank Pembangunan Daerah Jawa Barat dan Banten	7,414,714,661	9,838,787,161	0.753621
PT Bank Pembangunan Jawa Timur Tbk	11,934,147,982	15,015,498,082	0.794789
PT Bank BTPN Syariah Tbk	5,392,590,000	7,703,700,000	0.700000
PT Bank BTPN Tbk	8,053,732,969	8,148,931,869	0.988318
PT Bukit Asam Tbk	7,595,650,700	11,520,659,250	0.659307
PT XL Axiata Tbk	10,649,524,730	10,706,012,530	0.994724
PT Astra International Tbk	20,288,255,040	40,483,553,140	0.501148
PT PP Properti Tbk	40,103,222,320	61,675,671,883	0.650228
PT Sarana Multi Infrastruktur (Persero)	30,516,600,000,000	30,516,600,000,000	1.000000

Lampiran 8 Hasil uji statistik Deskriptif

Descriptive Statistic

	N	Minimum	Maximum	Mean	Std. Deviation
SRD	79	.213793	.937931	.51514624	.166927203
AGE	79	6.000000	74.000000	43.43037975	18.922028639
SIZE	79	16.071908	32.375680	23.09610377	5.142829708
ROA	79	-.029899	.086855	.02398542	.023032331
CR	79	.387093	2.605773	1.41931546	.498270240
INST	79	.213624	1.000000	.79664913	.223749421
Valid N (listwise)	79				

Sumber: *output* SPSS versi 16 (2021)

Lampiran 9 Hasil Uji Normalitas sebelum data Normal

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SRD	134	100.0%	0	0.0%	134	100.0%
AGE	134	100.0%	0	0.0%	134	100.0%
SIZE	134	100.0%	0	0.0%	134	100.0%
ROA	134	100.0%	0	0.0%	134	100.0%
CR	134	100.0%	0	0.0%	134	100.0%
INST	134	100.0%	0	0.0%	134	100.0%

Descriptives

			Statistic	Std. Error
SRD	Mean		.51173441	.014243116
	95% Confidence Interval for Mean	Lower Bound	.48356208	
		Upper Bound	.53990674	
	5% Trimmed Mean		.50312802	
	Median		.49310350	
	Variance		.027	

	Std. Deviation		.164875991	
	Minimum		.213793	
	Maximum		.944828	
	Range		.731035	
	Interquartile Range		.234483	
	Skewness		.718	.209
	Kurtosis		-.083	.416
AGE	Mean		38.20149254	1.669861968
	95% Confidence Interval for Mean	Lower Bound	34.89857025	
		Upper Bound	41.50441483	
	5% Trimmed Mean		38.26616915	
	Median		41.50000000	
	Variance		373.651	
	Std. Deviation		19.330049788	
	Minimum		3.000000	
	Maximum		74.000000	
	Range		71.000000	
	Interquartile Range		33.500000	
	Skewness		-.109	.209
	Kurtosis		-1.273	.416
SIZE	Mean		23.52921909	.455209251
	95% Confidence Interval for Mean	Lower Bound	22.62883282	
		Upper Bound	24.42960535	
	5% Trimmed Mean		23.44160542	
	Median		23.65384650	
	Variance		27.767	
	Std. Deviation		5.269428041	
	Minimum		16.071908	
	Maximum		32.375680	
	Range		16.303772	
	Interquartile Range		10.722643	
	Skewness		.256	.209
	Kurtosis		-1.393	.416
ROA	Mean		.04114986	.005366028
	95% Confidence Interval for Mean	Lower Bound	.03053606	
		Upper Bound	.05176365	
	5% Trimmed Mean		.03696645	

	Median		.02681900	
	Variance		.004	
	Std. Deviation		.062116267	
	Minimum		-.181531	
	Maximum		.281194	
	Range		.462725	
	Interquartile Range		.045019	
	Skewness		1.259	.209
	Kurtosis		4.734	.416
CR	Mean		2.17377182	.146650185
	95% Confidence Interval for Mean	Lower Bound	1.88370344	
		Upper Bound	2.46384021	
	5% Trimmed Mean		2.01946748	
	Median		1.54254050	
	Variance		2.882	
	Std. Deviation		1.697598625	
	Minimum		.070246	
	Maximum		7.732528	
	Range		7.662282	
	Interquartile Range		1.281466	
	Skewness		1.526	.209
	Kurtosis		1.573	.416
INST	Mean		.81503475	.019606952
	95% Confidence Interval for Mean	Lower Bound	.77625296	
		Upper Bound	.85381654	
	5% Trimmed Mean		.83641586	
	Median		.97287700	
	Variance		.052	
	Std. Deviation		.226966875	
	Minimum		.213624	
	Maximum		1.000006	
	Range		.786382	
	Interquartile Range		.349999	
	Skewness		-.955	.209
	Kurtosis		-.109	.416

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SRD	.105	134	.001	.949	134	.000
AGE	.127	134	.000	.944	134	.000
SIZE	.168	134	.000	.904	134	.000
ROA	.176	134	.000	.840	134	.000
CR	.212	134	.000	.809	134	.000
INST	.276	134	.000	.787	134	.000

a. Lilliefors Significance Correction

One-Sample Kolmogorov-Smirnov Test

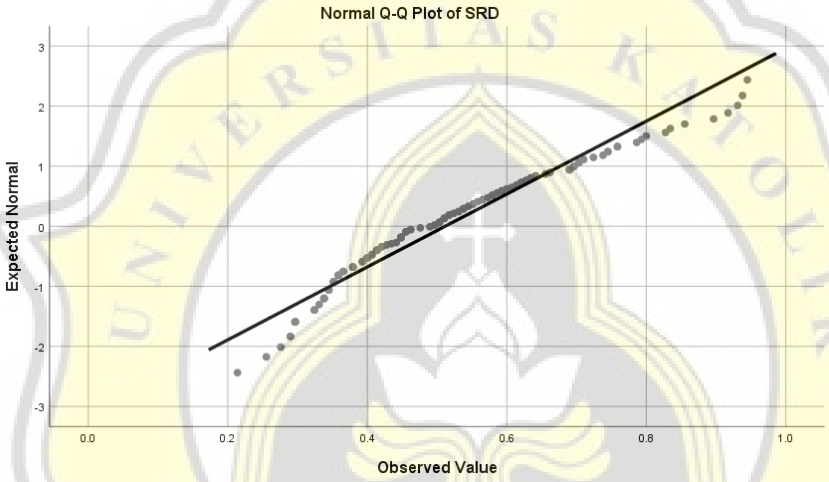
		Unstandardized Residual
N		134
Normal Parameters[a,b]	Mean	.0000000
	Std. Deviation	.15707412
Most Extreme Differences	Absolute	.127
	Positive	.127
	Negative	-.070
Test Statistic		.127
Asymp. Sig. (2-tailed)		.000

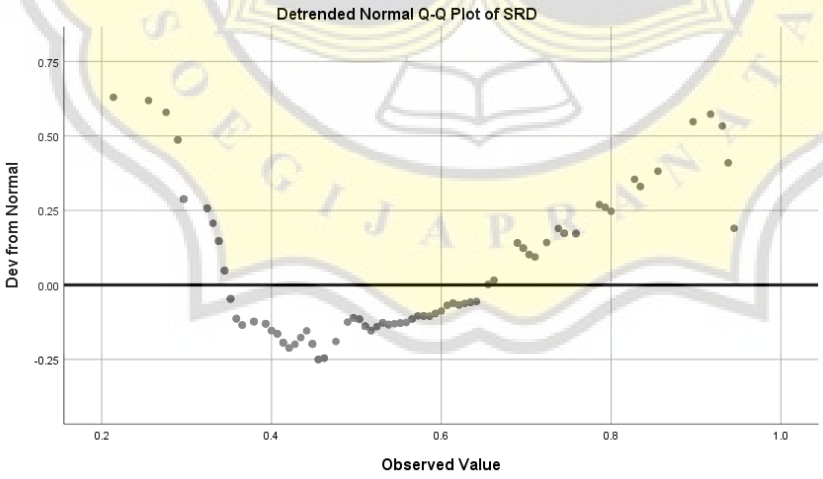
a. Test distribution is Normal.

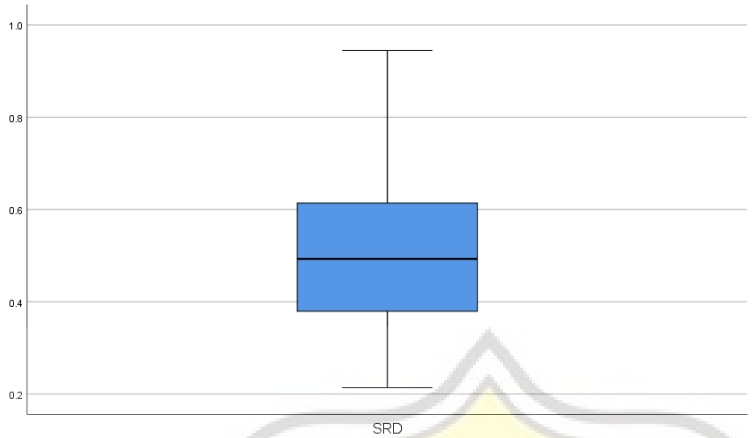
Sumber: *output* SPSS versi 16 (2021)

```
SRD Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     1.00        2 .  1
     8.00        2 .  57889999
    12.00        3 .  222333334444
    18.00        3 .  555555556677779999
    22.00        4 .  0000011112223444444444
```

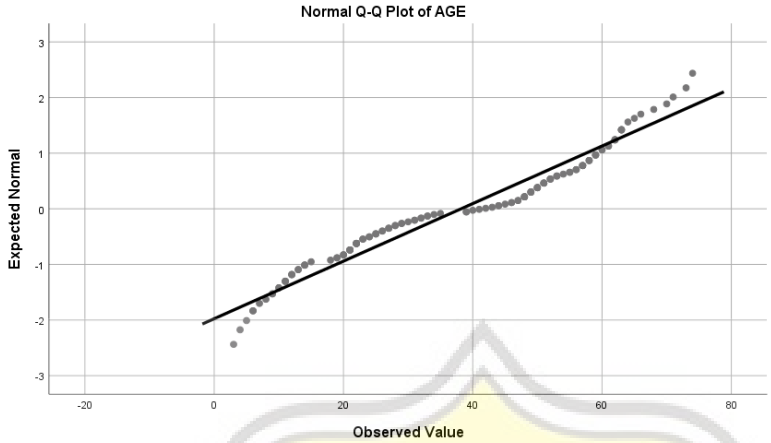
```
   8.00        4 .  55667899
  16.00        5 .  0001111112333334
  13.00        5 .  5555667777899
  10.00        6 .  0011222334
   6.00        6 .  568899
   7.00        7 .  0012344
   4.00        7 .  5589
   3.00        8 .  023
   2.00        8 .  59
   4.00        9 .  1334

Stem width:   .100000
Each leaf:        1 case(s)
```

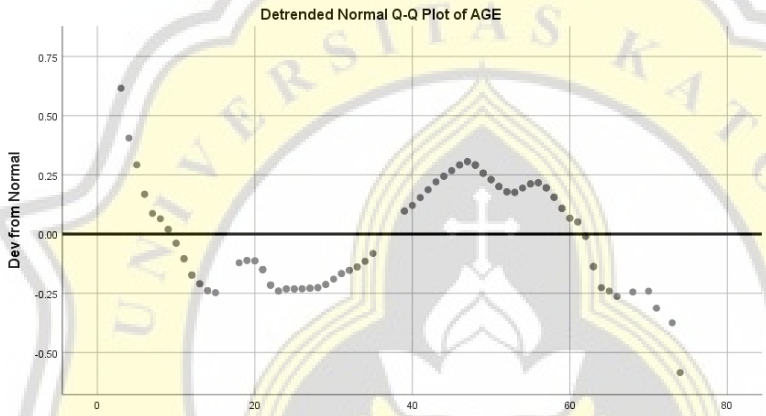


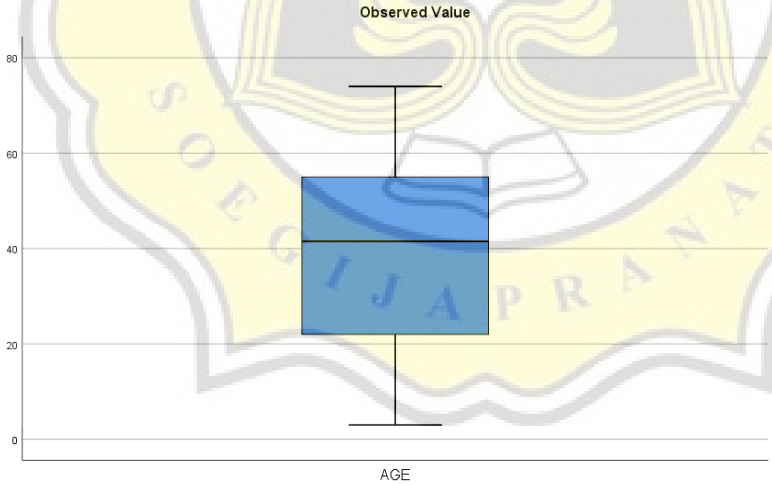





```
AGE Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     2.00        0 .  34
     7.00        0 .  5667899
    13.00        1 .  0011122233444
     4.00        1 .  5899
    16.00        2 .  0011111222223344
    12.00        2 .  555667778899
     8.00        3 .  01122334
     3.00        3 .  599
     6.00        4 .  012344
    14.00        4 .  56677888889999
    14.00        5 .  00001111222334
    15.00        5 .  556677778889999
    13.00        6 .  0011222233334
     3.00        6 .  568
     4.00        7 .  0134

 Stem width:  10.00000
 Each leaf:        1 case(s)
```



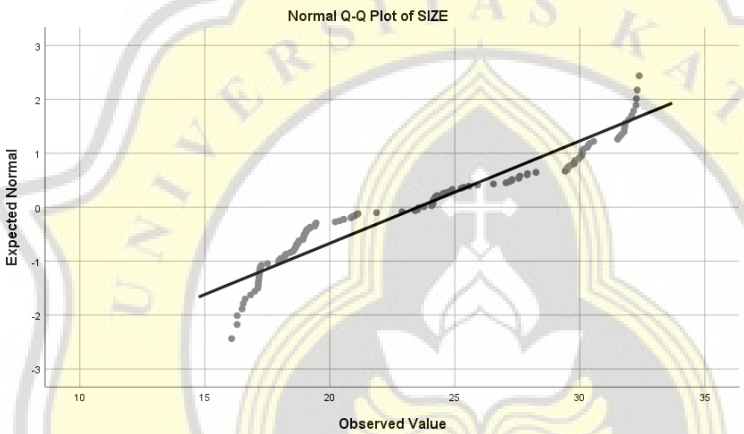


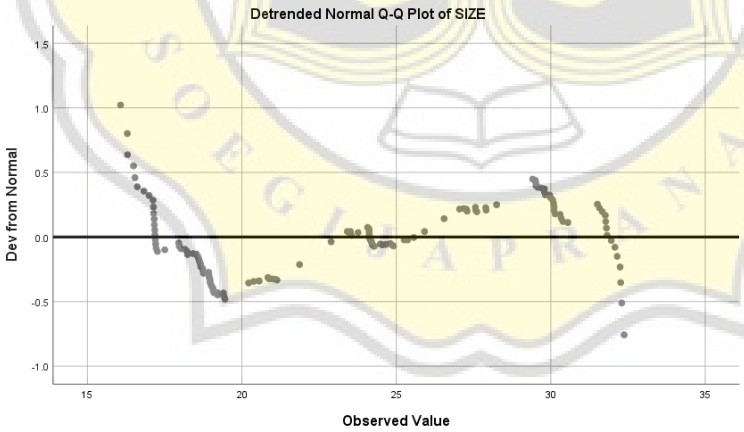


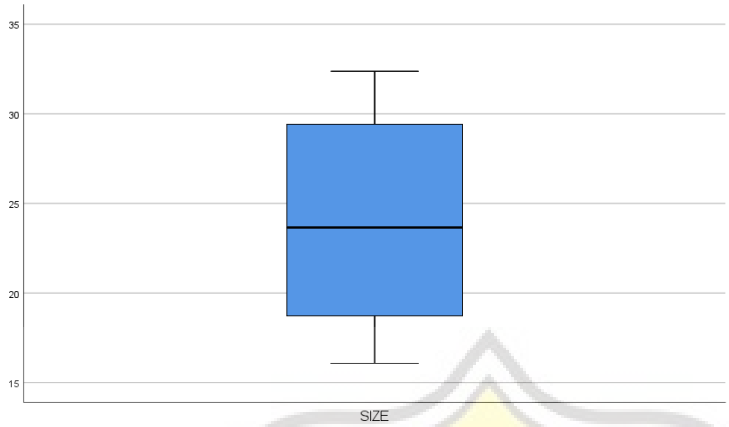
SIZE Stem-and-Leaf Plot

```
 Frequency    Stem &  Leaf

     8.00       16 .  02245689
    14.00       17 .  11111111222599
    20.00       18 .  01224556666777999999
    10.00       19 .  0000224444
     7.00       20 .  2355889
     3.00       21 .  018
```

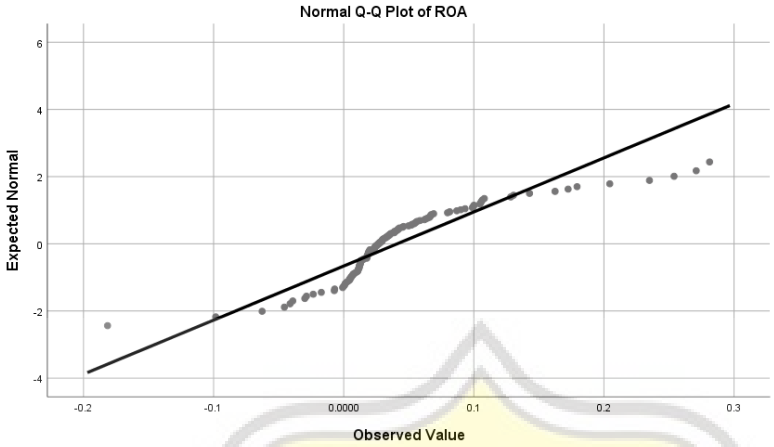
```
   1.00        22 .  8
   5.00        23 .  45557
  17.00        24 .  01111111222456889
   4.00        25 .  2359
   1.00        26 .  5
   9.00        27 .  012255689
   1.00        28 .  2
  11.00        29 .  44555677899
   9.00        30 .  001113335
   8.00        31 .  55677889
   6.00        32 .  012223

Stem width:  1.000000
Each leaf:        1 case(s)
```

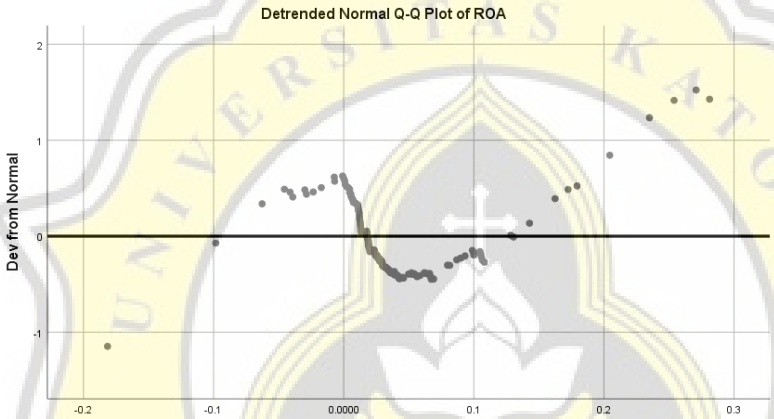


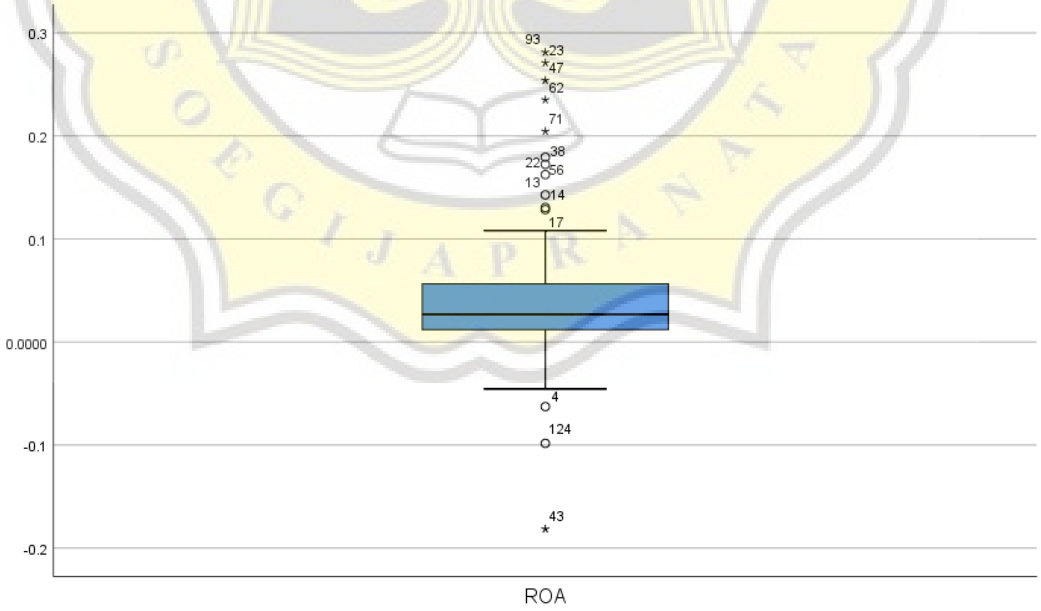





```
ROA Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     3.00 Extremes    (=<-.063)
     2.00        -4 .  15
     1.00        -3 .  9
     3.00        -2 .  389
     1.00        -1 .  7
     3.00        -0 .  067
    14.00         0 .  00123445567789
    29.00         1 .  00111112222233345777788888999
    18.00         2 .  002333445567779999
    13.00         3 .  0122335556889
     8.00         4 .  01122559
     7.00         5 .  2244568
     8.00         6 .  13466679
     1.00         7 .  9
     3.00         8 .  169
     3.00         9 .  389
     6.00        10 .  045568
    11.00 Extremes    (>=.128)

 Stem width:   .010000
 Each leaf:        1 case(s)
```

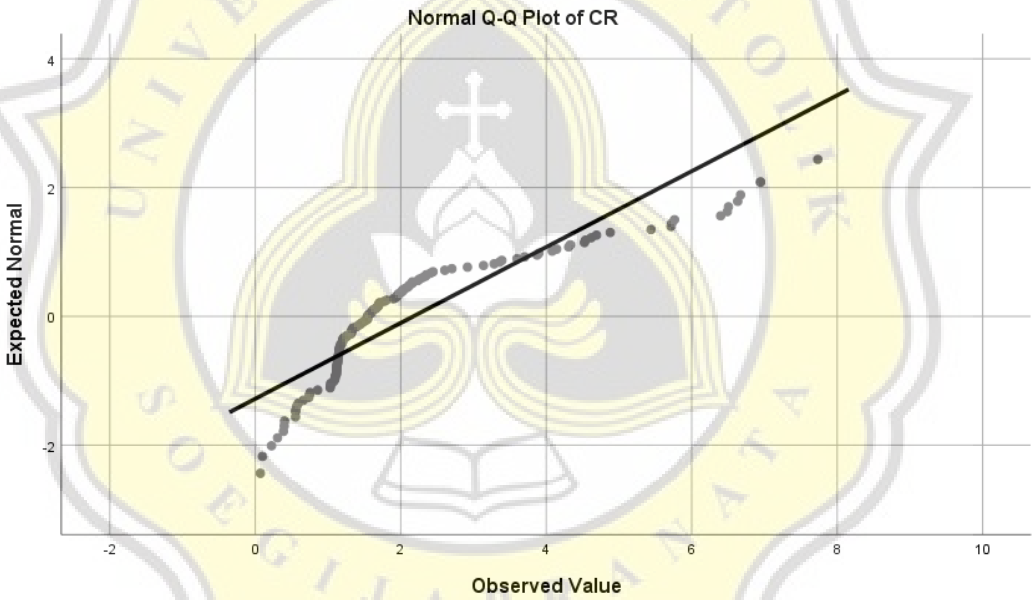


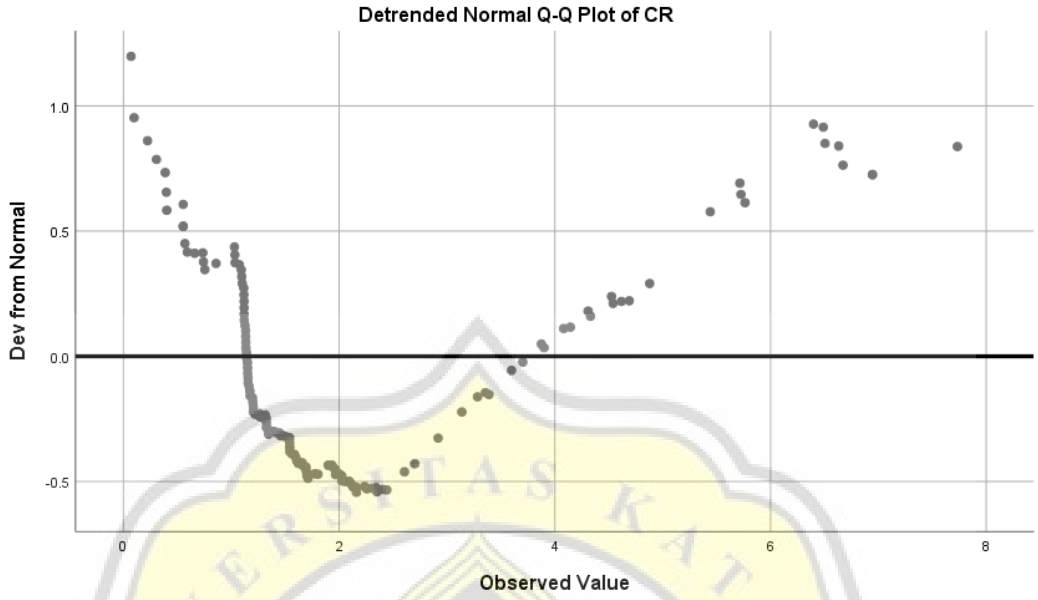


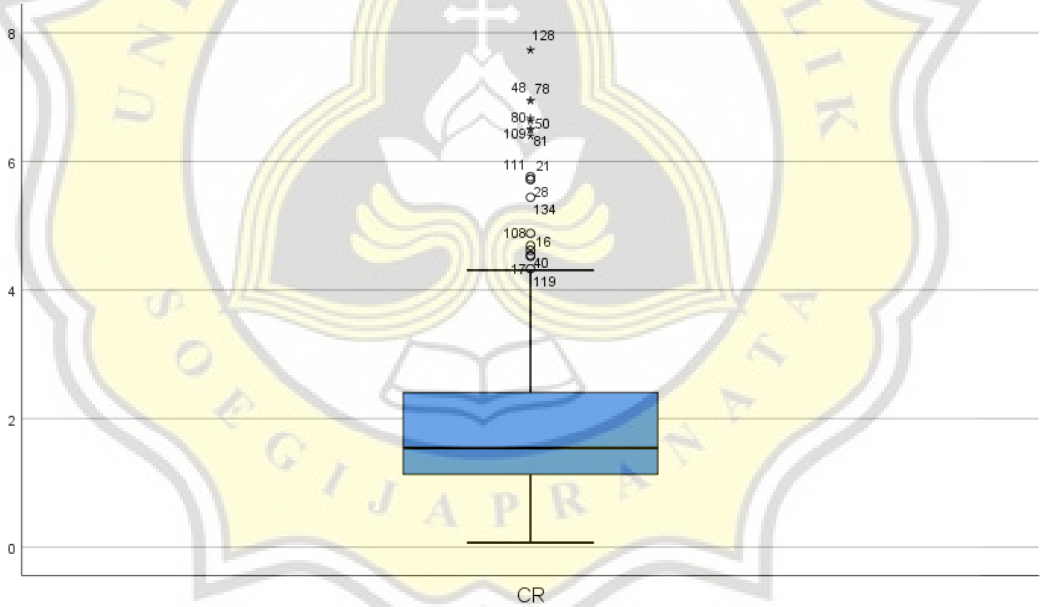


CR Stem-and-Leaf Plot

```
 Frequency    Stem &  Leaf

     7.00        0 .  0023334
    10.00        0 .  5555567778
    46.00        1 .
0000001111111111111111111111111222223333333444 4
    23.00        1 .  55555555666666677889999
    16.00        2 .  0000011112223344
     3.00        2 .  679
     4.00        3 .  1233
     4.00        3 .  5788
     3.00        4 .  013
    18.00 Extremes    (>=4.3)

 Stem width:  1.000000
 Each leaf:        1 case(s)
```

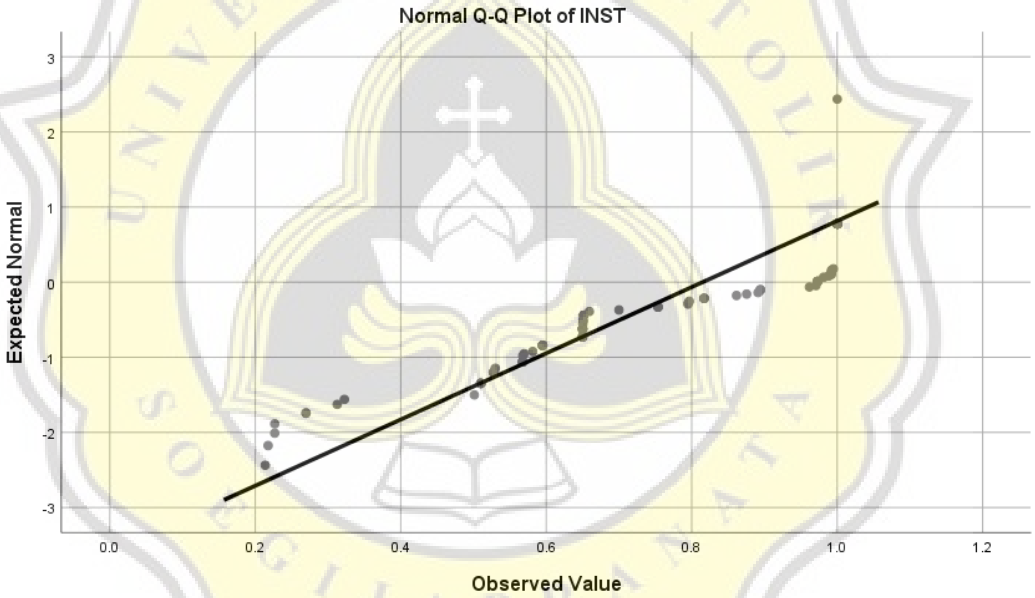


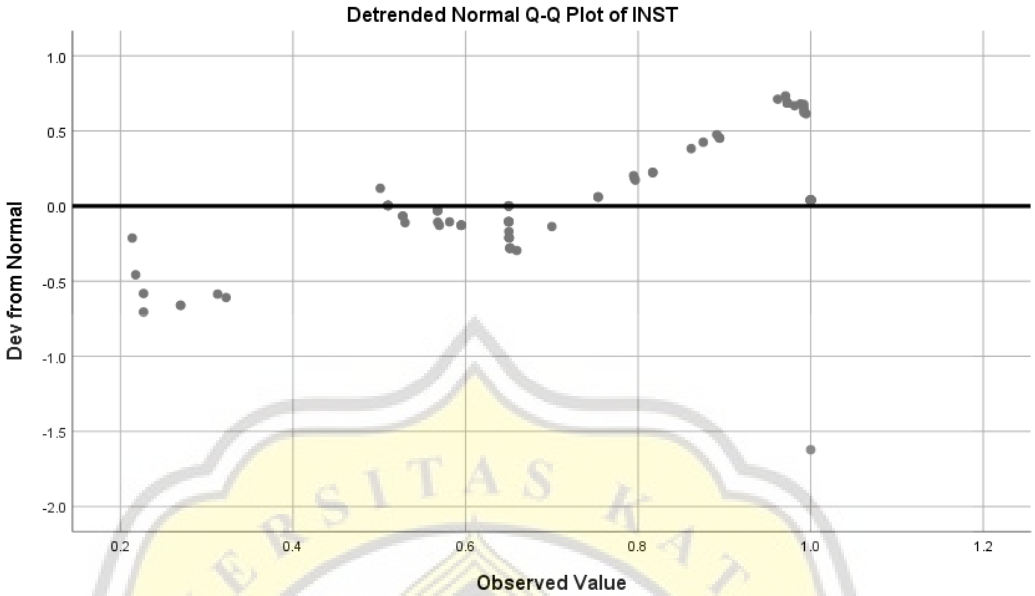


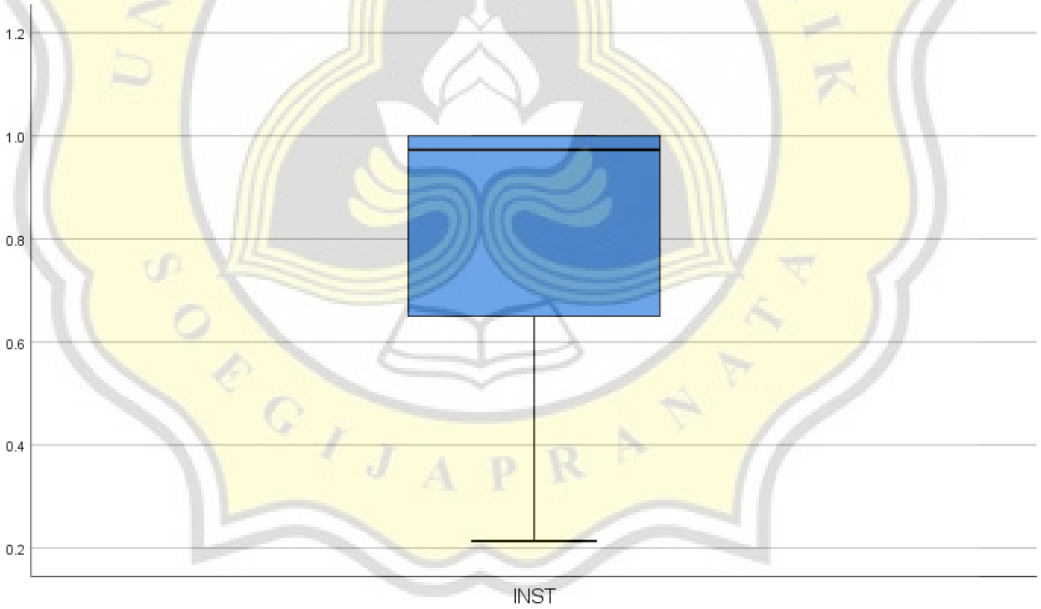



```
INST Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     4.00        2 .  1122
     2.00        2 .  66
     2.00        3 .  12
      .00        3 .
      .00        4 .
      .00        4 .
     9.00        5 .  011111222
```

```
    12.00        5 .  666666899999
      .00        6 .
    18.00        6 .  555555555555555555
     1.00        7 .  0
     6.00        7 .  555999
     3.00        8 .  111
     6.00        8 .  679999
      .00        9 .
    14.00        9 .  67777778899999
    57.00       10 .
0000000000000000000000000000000000000000000000000000000000000000

 Stem width:   .100000
 Each leaf:        1 case(s)
```




Detrended Normal Q-Q Plot of INST
Dev from Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value


1.2
1.0
0.8
0.6
0.4
0.2
INST

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SRD	105	100.0%	0	0.0%	105	100.0%
AGE	105	100.0%	0	0.0%	105	100.0%
SIZE	105	100.0%	0	0.0%	105	100.0%
ROA	105	100.0%	0	0.0%	105	100.0%
CR	105	100.0%	0	0.0%	105	100.0%
INST	105	100.0%	0	0.0%	105	100.0%

Descriptives

			Statistic	Std. Error
SRD	Mean		.51330049	.016367085
	95% Confidence Interval for Mean	Lower Bound	.48084394	
		Upper Bound	.54575703	
	5% Trimmed Mean		.50428753	
	Median		.47586200	
	Variance		.028	
	Std. Deviation		.167712713	
	Minimum		.213793	
	Maximum		.944828	
	Range		.731035	
	Interquartile Range		.237932	
	Skewness		.755	.236
	Kurtosis		-.130	.467
AGE	Mean		42.23809524	1.778304529
	95% Confidence Interval for Mean	Lower Bound	38.71165062	
		Upper Bound	45.76453985	
	5% Trimmed Mean		42.60582011	
	Median		48.00000000	
	Variance		332.049	
	Std. Deviation		18.222198956	
	Minimum		4.000000	
	Maximum		74.000000	
	Range		70.000000	
	Interquartile Range		30.500000	

	Skewness		-.406	.236
	Kurtosis		-.947	.467
SIZE	Mean		22.80806601	.499183768
	95% Confidence Interval for Mean	Lower Bound	21.81816586	
		Upper Bound	23.79796615	
	5% Trimmed Mean		22.64376913	
	Median		21.07163800	
	Variance		26.164	
	Std. Deviation		5.115111494	
	Minimum		16.071908	
	Maximum		32.375680	
	Range		16.303772	
	Interquartile Range		8.727065	
	Skewness		.490	.236
	Kurtosis		-1.124	.467
ROA	Mean		.03145323	.003258332
	95% Confidence Interval for Mean	Lower Bound	.02499183	
		Upper Bound	.03791462	
	5% Trimmed Mean		.03108752	
	Median		.02582500	
	Variance		.001	
	Std. Deviation		.033387970	
	Minimum		-.045622	
	Maximum		.108043	
	Range		.153665	
	Interquartile Range		.039565	
	Skewness		.449	.236
	Kurtosis		.282	.467
CR	Mean		1.72492726	.100987709
	95% Confidence Interval for Mean	Lower Bound	1.52466484	
		Upper Bound	1.92518967	
	5% Trimmed Mean		1.63759251	
	Median		1.44811900	
	Variance		1.071	
	Std. Deviation		1.034816081	
	Minimum		.070246	
	Maximum		6.671433	

	Range		6.601187	
	Interquartile Range		.941658	
	Skewness		1.841	.236
	Kurtosis		5.031	.467
INST	Mean		.80064487	.021441337
	95% Confidence Interval for Mean	Lower Bound	.75812589	
		Upper Bound	.84316384	
	5% Trimmed Mean		.81950275	
	Median		.89119100	
	Variance		.048	
	Std. Deviation		.219708325	
	Minimum		.213624	
	Maximum		1.000006	
	Range		.786382	
	Interquartile Range		.350000	
	Skewness		-.774	.236
	Kurtosis		-.324	.467

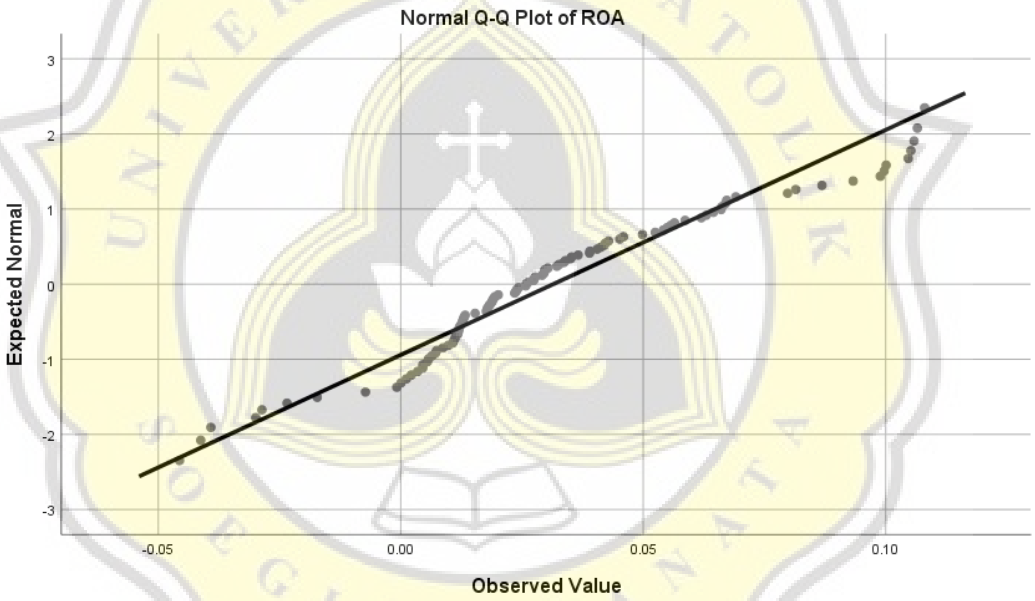
Tests of Normality

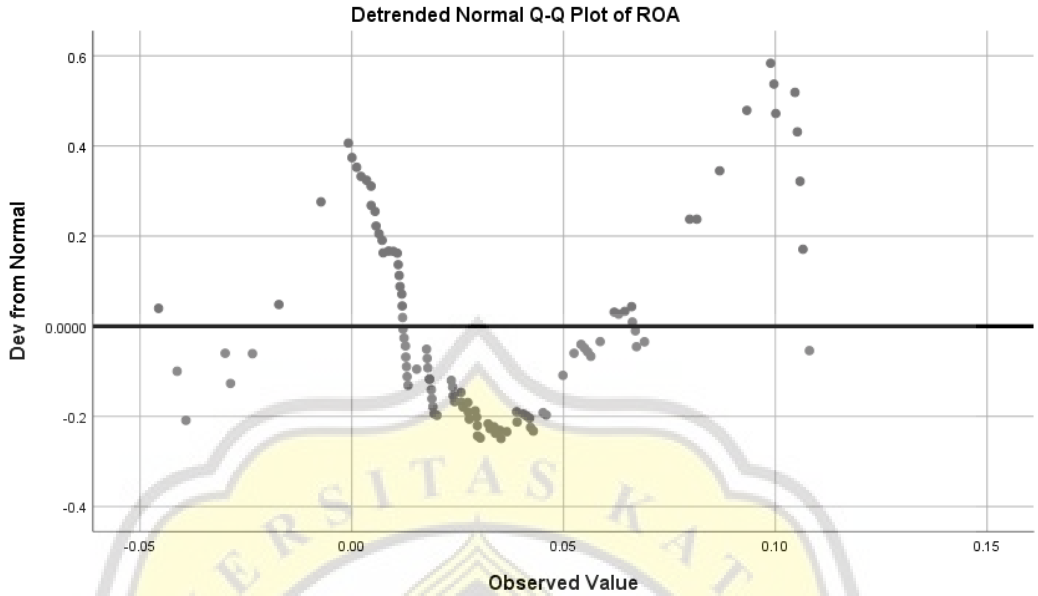
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SRD	.127	105	.000	.939	105	.000
AGE	.129	105	.000	.946	105	.000
SIZE	.173	105	.000	.900	105	.000
ROA	.104	105	.007	.952	105	.001
CR	.162	105	.000	.844	105	.000
INST	.247	105	.000	.824	105	.000

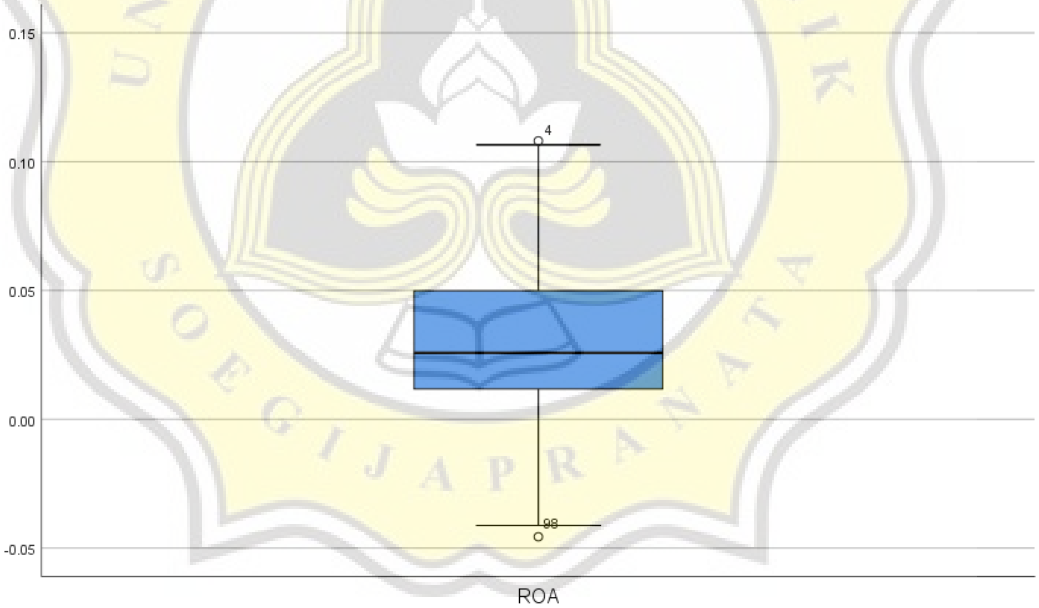
a. Lilliefors Significance Correction

```
ROA Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     1.00 Extremes    (=<-.046)
     1.00       -4 .  1
     1.00       -3 .  9
     3.00       -2 .  389
     1.00       -1 .  7
```

```
  2.00       -0 .  07
 13.00        0 .  0123445567789
 24.00        1 .  001111122222335777888899
 15.00        2 .  033345567779999
 10.00        3 .  0223355689
  8.00        4 .  01122559
  6.00        5 .  244568
  8.00        6 .  13466679
  1.00        7 .  9
  2.00        8 .  16
  3.00        9 .  389
  5.00       10 .  04556
  1.00 Extremes    (>=.108)

Stem width:    .010000
Each leaf:        1 case(s)
```

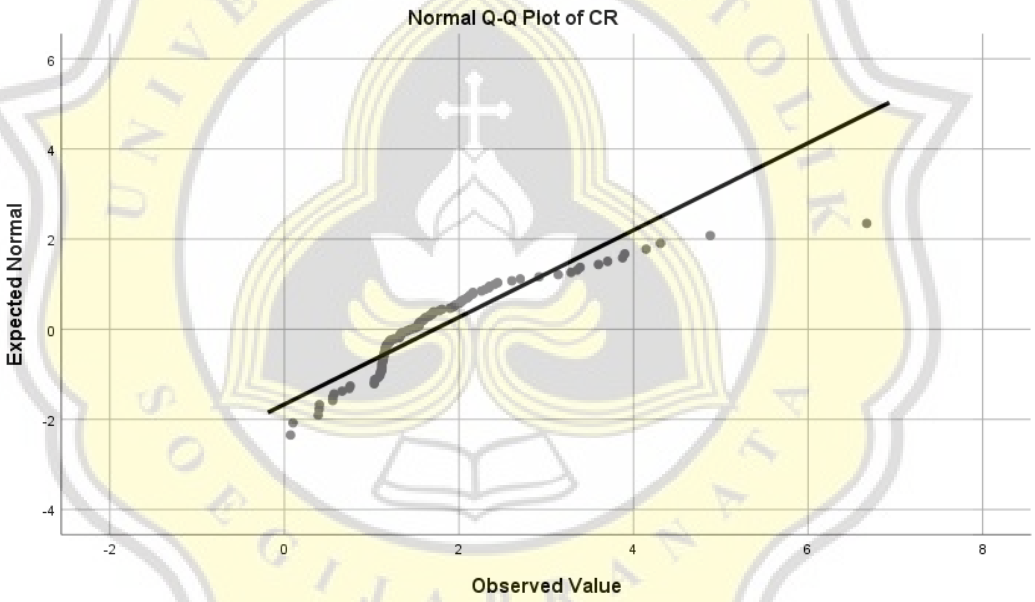


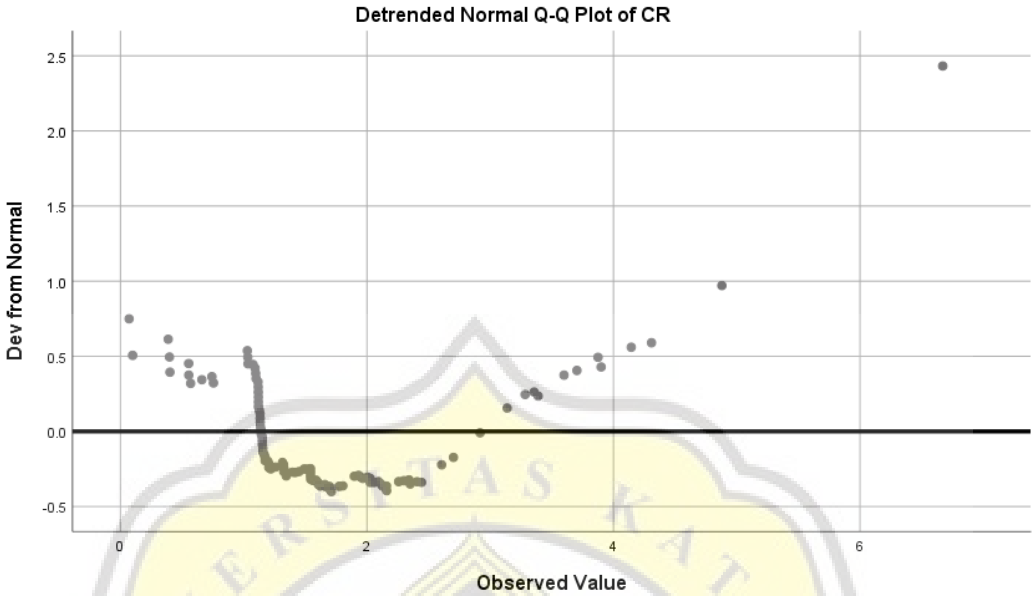


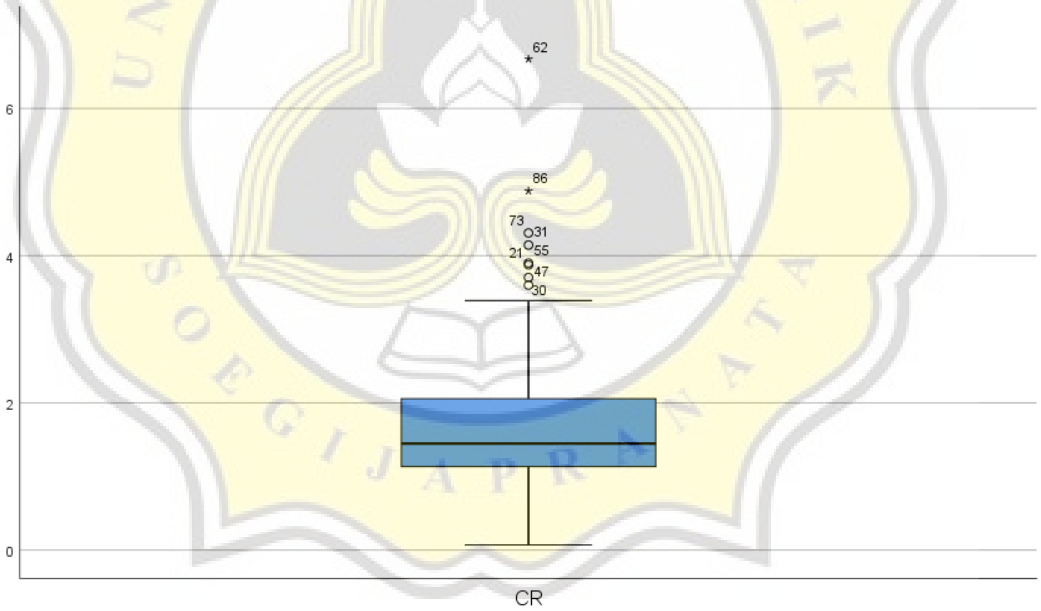



```
CR Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     2.00        0 .  00
     2.00        0 .  33
     4.00        0 .  4555
     3.00        0 .  677
```

```
     .00        0 .
   29.00        1 .  00000011111111111111111111111
   11.00        1 .  22223333333
   11.00        1 .  44455555555
    8.00        1 .  66666677
    5.00        1 .  88999
    9.00        2 .  000001111
    4.00        2 .  2233
    2.00        2 .  44
    2.00        2 .  67
    1.00        2 .  9
    1.00        3 .  1
    3.00        3 .  233
    8.00 Extremes    (>=3.6)

Stem width:  1.000000
Each leaf:        1 case(s)
```




Detrended Normal Q-Q Plot of CR
Dev from Normal
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
0
2
4
6
Observed Value


62
86
73
31
55
21
47
30
6
4
2
0
CR

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SRD	95	100.0%	0	0.0%	95	100.0%
AGE	95	100.0%	0	0.0%	95	100.0%
SIZE	95	100.0%	0	0.0%	95	100.0%
ROA	95	100.0%	0	0.0%	95	100.0%
CR	95	100.0%	0	0.0%	95	100.0%
INST	95	100.0%	0	0.0%	95	100.0%

Descriptives

			Statistic	Std. Error
SRD	Mean		.51506352	.017753678
	95% Confidence Interval for Mean	Lower Bound	.47981317	
		Upper Bound	.55031386	
	5% Trimmed Mean		.50596894	
	Median		.46206900	
	Variance		.030	
	Std. Deviation		.173041451	
	Minimum		.213793	
	Maximum		.944828	
	Range		.731035	
	Interquartile Range		.248276	
	Skewness		.737	.247
	Kurtosis		-.258	.490
AGE	Mean		42.52631579	1.866294549
	95% Confidence Interval for Mean	Lower Bound	38.82074421	
		Upper Bound	46.23188737	
	5% Trimmed Mean		42.84795322	
	Median		48.00000000	
	Variance		330.890	
	Std. Deviation		18.190389154	
	Minimum		6.000000	
	Maximum		74.000000	
	Range		68.000000	
	Interquartile Range		31.000000	

	Skewness		-.379	.247
	Kurtosis		-.991	.490
SIZE	Mean		22.59529307	.517693401
	95% Confidence Interval for Mean	Lower Bound	21.56740069	
		Upper Bound	23.62318546	
	5% Trimmed Mean		22.40452669	
	Median		20.84322200	
	Variance		25.461	
	Std. Deviation		5.045851116	
	Minimum		16.071908	
	Maximum		32.375680	
	Range		16.303772	
	Interquartile Range		8.644854	
	Skewness		.571	.247
	Kurtosis		-1.021	.490
ROA	Mean		.03064111	.003296816
	95% Confidence Interval for Mean	Lower Bound	.02409520	
		Upper Bound	.03718701	
	5% Trimmed Mean		.03013963	
	Median		.02429100	
	Variance		.001	
	Std. Deviation		.032133392	
	Minimum		-.041251	
	Maximum		.105840	
	Range		.147091	
	Interquartile Range		.038661	
	Skewness		.489	.247
	Kurtosis		.230	.490
CR	Mean		1.50090185	.068840443
	95% Confidence Interval for Mean	Lower Bound	1.36421754	
		Upper Bound	1.63758617	
	5% Trimmed Mean		1.47341669	
	Median		1.34395700	
	Variance		.450	
	Std. Deviation		.670973638	
	Minimum		.070246	
	Maximum		3.388953	

	Range		3.318707	
	Interquartile Range		.812059	
	Skewness		.692	.247
	Kurtosis		.832	.490
INST	Mean		.79414883	.022716015
	95% Confidence Interval for Mean	Lower Bound	.74904565	
		Upper Bound	.83925201	
	5% Trimmed Mean		.81313321	
	Median		.86151700	
	Variance		.049	
	Std. Deviation		.221408331	
	Minimum		.213624	
	Maximum		1.000000	
	Range		.786376	
	Interquartile Range		.350000	
	Skewness		-.757	.247
	Kurtosis		-.308	.490

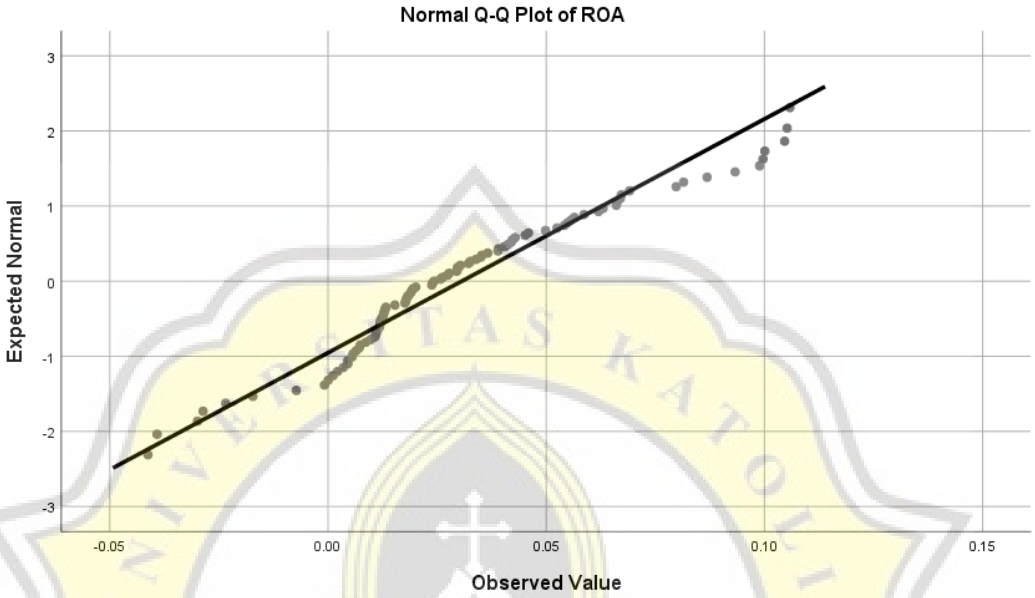
Tests of Normality

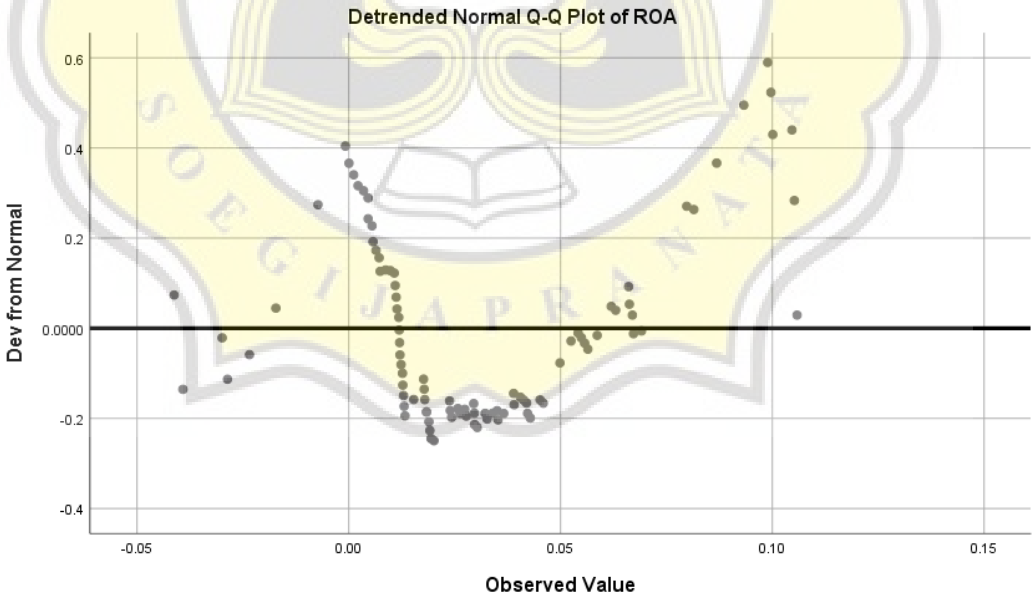
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SRD	.134	95	.000	.935	95	.000
AGE	.124	95	.001	.946	95	.001
SIZE	.186	95	.000	.893	95	.000
ROA	.102	95	.016	.955	95	.003
CR	.125	95	.001	.947	95	.001
INST	.240	95	.000	.833	95	.000

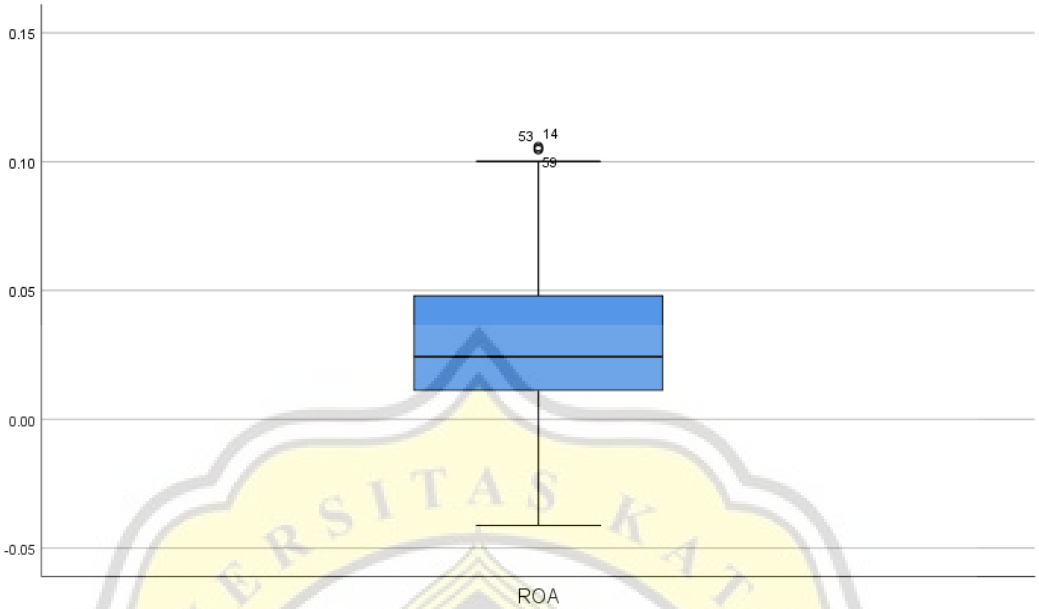
a. Lilliefors Significance Correction

```
ROA Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     8.00       -0 .  00122234
    64.00        0 .
0000000000000111111111111111111111122222222222333333333344444444
    19.00        0 .  5555556666666788999
     1.00        1 .  0
     3.00 Extremes    (>=.10)
```

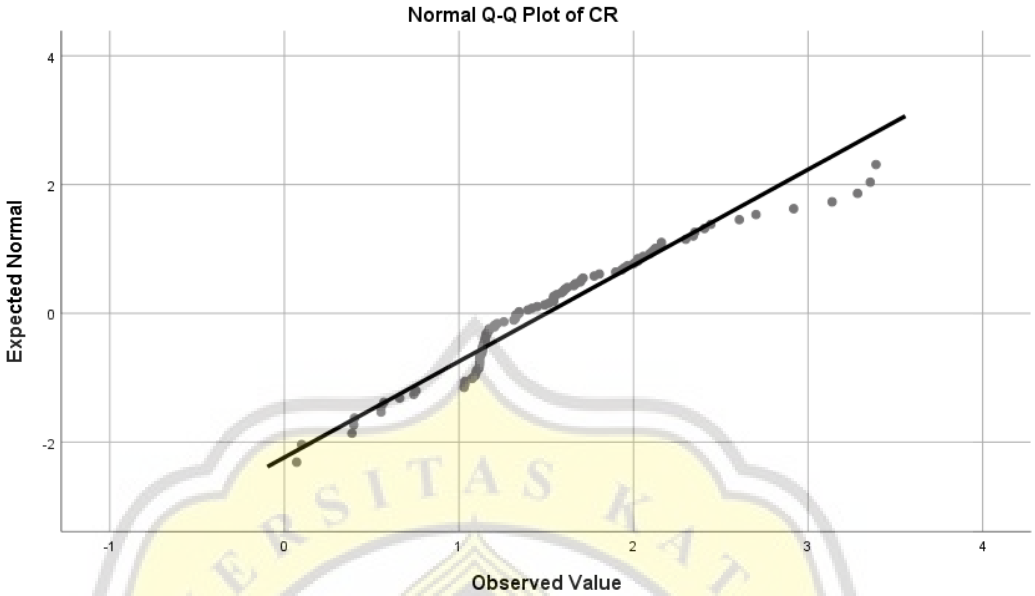
```
Stem width:    .100000
Each leaf:        1 case(s)
```

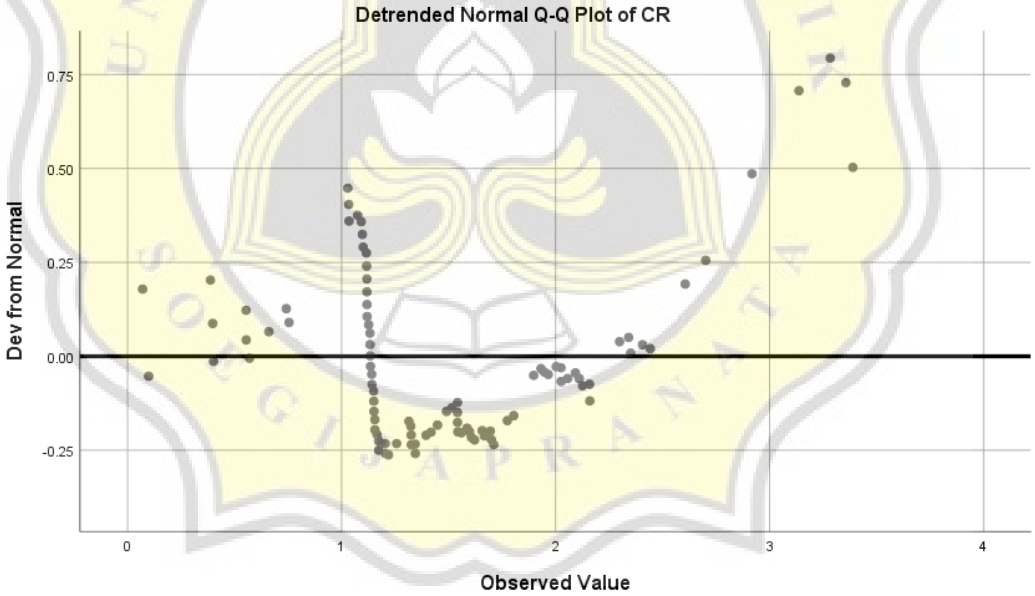


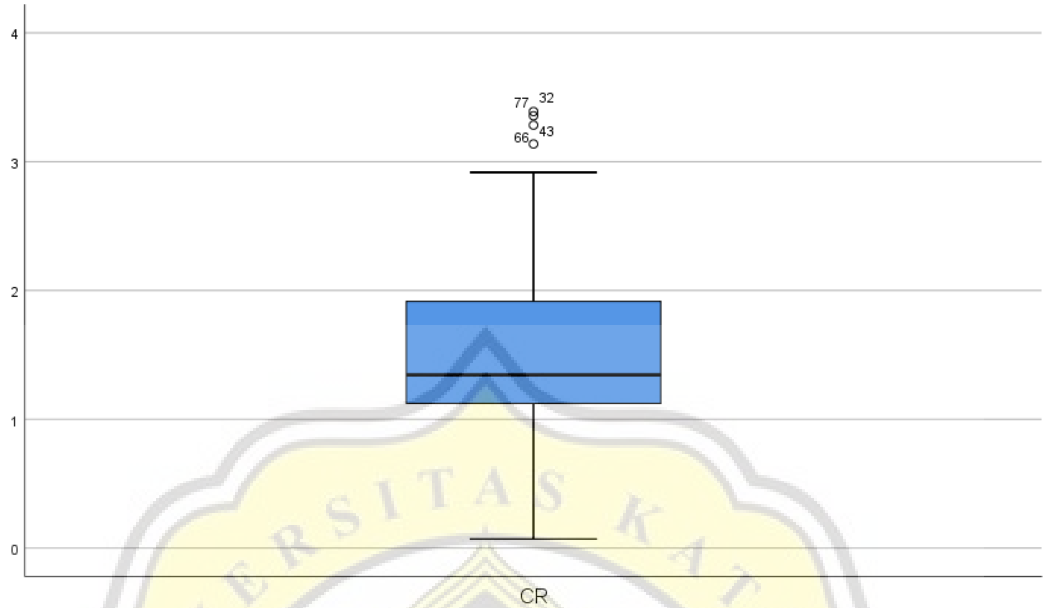





```
CR Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     5.00        0 .  00334
     6.00        0 .  555677
    42.00        1 .  000000111111111111111111111122223333333444
    21.00        1 .  555555556666667788999
    14.00        2 .  00000111123344
     3.00        2 .  679
     4.00 Extremes    (>=3.1)

 Stem width:  1.000000
 Each leaf:        1 case(s)
```


Normal Q-Q Plot of CR
Expected Normal
Observed Value
4
2
0
-2
-1
0
1
2
3
4


Detrended Normal Q-Q Plot of CR
Dev from Normal
Observed Value
0.75
0.50
0.25
0.00
-0.25
0
1
2
3
4



Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SRD	88	100.0%	0	0.0%	88	100.0%
AGE	88	100.0%	0	0.0%	88	100.0%
SIZE	88	100.0%	0	0.0%	88	100.0%
ROA	88	100.0%	0	0.0%	88	100.0%
CR	88	100.0%	0	0.0%	88	100.0%
INST	88	100.0%	0	0.0%	88	100.0%

Descriptives

			Statistic	Std. Error
SRD	Mean		.51363636	.018120139
	95% Confidence Interval for Mean	Lower Bound	.47762063	
		Upper Bound	.54965210	
	5% Trimmed Mean		.50543365	
	Median		.45862050	
	Variance		.029	
	Std. Deviation		.169981972	
	Minimum		.213793	

	Maximum		.937931	
	Range		.724138	
	Interquartile Range		.246552	
	Skewness		.693	.257
	Kurtosis		-.326	.508
AGE	Mean		43.63636364	1.945923976
	95% Confidence Interval for Mean	Lower Bound	39.76862903	
		Upper Bound	47.50409825	
	5% Trimmed Mean		44.07575758	
	Median		48.50000000	
	Variance		333.223	
	Std. Deviation		18.254384967	
	Minimum		6.000000	
	Maximum		74.000000	
	Range		68.000000	
	Interquartile Range		31.750000	
	Skewness		-.497	.257
	Kurtosis		-.897	.508
SIZE	Mean		22.64854953	.541898235
	95% Confidence Interval for Mean	Lower Bound	21.57146811	
		Upper Bound	23.72563095	
	5% Trimmed Mean		22.46383055	
	Median		20.69939250	
	Variance		25.842	
	Std. Deviation		5.083456047	
	Minimum		16.071908	
	Maximum		32.375680	
	Range		16.303772	
	Interquartile Range		8.663418	
	Skewness		.585	.257
	Kurtosis		-1.033	.508
ROA	Mean		.02664014	.003109381
	95% Confidence Interval for Mean	Lower Bound	.02045991	
		Upper Bound	.03282037	
	5% Trimmed Mean		.02608585	
	Median		.01975900	
	Variance		.001	

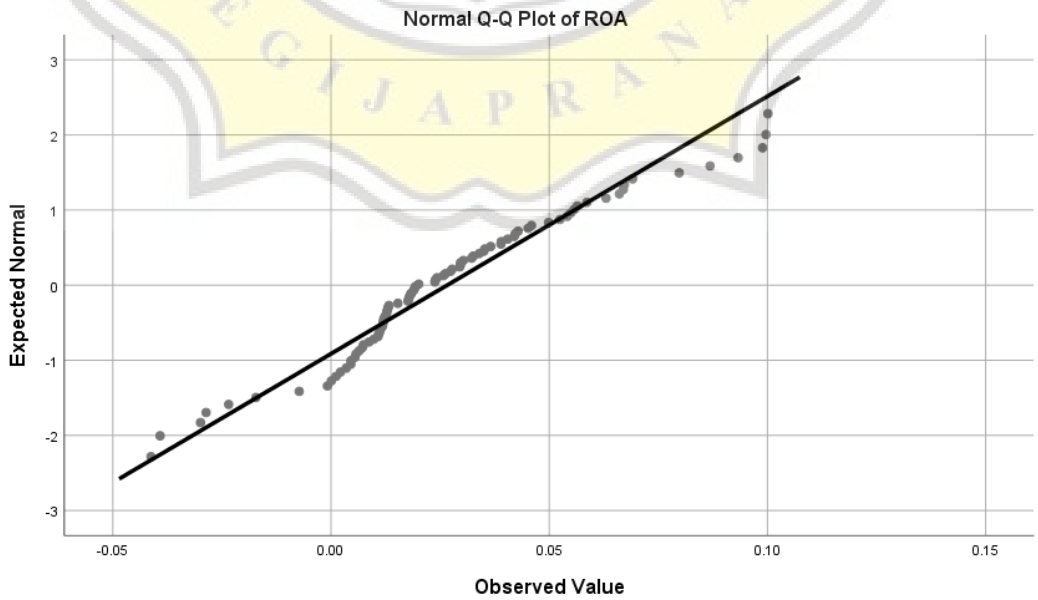
	Std. Deviation		.029168577	
	Minimum		-.041251	
	Maximum		.100094	
	Range		.141345	
	Interquartile Range		.031349	
	Skewness		.442	.257
	Kurtosis		.614	.508
CR	Mean		1.42838667	.060144795
	95% Confidence Interval for Mean	Lower Bound	1.30884238	
		Upper Bound	1.54793096	
	5% Trimmed Mean		1.42619002	
	Median		1.32530650	
	Variance		.318	
	Std. Deviation		.564208185	
	Minimum		.070246	
	Maximum		2.917323	
	Range		2.847077	
	Interquartile Range		.639962	
	Skewness		.188	.257
	Kurtosis		.235	.508
INST	Mean		.79287133	.023579164
	95% Confidence Interval for Mean	Lower Bound	.74600519	
		Upper Bound	.83973747	
	5% Trimmed Mean		.81200567	
	Median		.83921950	
	Variance		.049	
	Std. Deviation		.221192168	
	Minimum		.213624	
	Maximum		1.000000	
	Range		.786376	
	Interquartile Range		.350000	
	Skewness		-.789	.257
	Kurtosis		-.189	.508

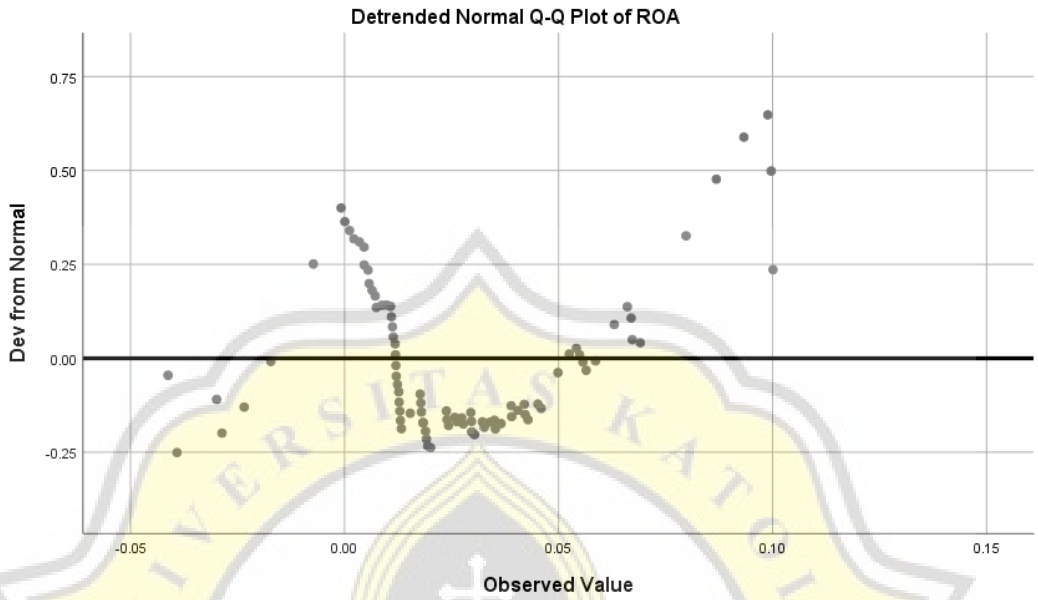
Tests of Normality

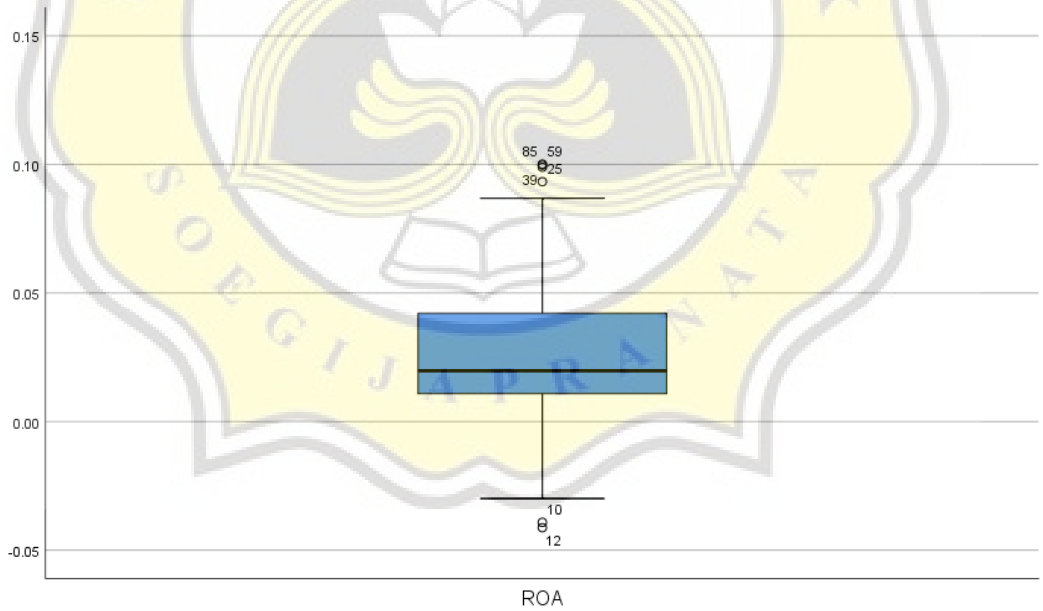
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SRD	.138	88	.000	.941	88	.001
AGE	.142	88	.000	.933	88	.000
SIZE	.190	88	.000	.889	88	.000
ROA	.100	88	.030	.959	88	.007
CR	.126	88	.001	.970	88	.040
INST	.233	88	.000	.837	88	.000

a. Lilliefors Significance Correction

```
ROA Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     2.00 Extremes    (=<-.04)
     3.00       -0 .  222
     3.00       -0 .  001
    36.00        0 .  000000000000011111111111111111111111
    20.00        0 .  22222222222333333333
    13.00        0 .  4444444555555
     6.00        0 .  666667
     1.00        0 .  8
     4.00 Extremes    (>=.09)

 Stem width:    .100000
 Each leaf:         1 case(s)
```

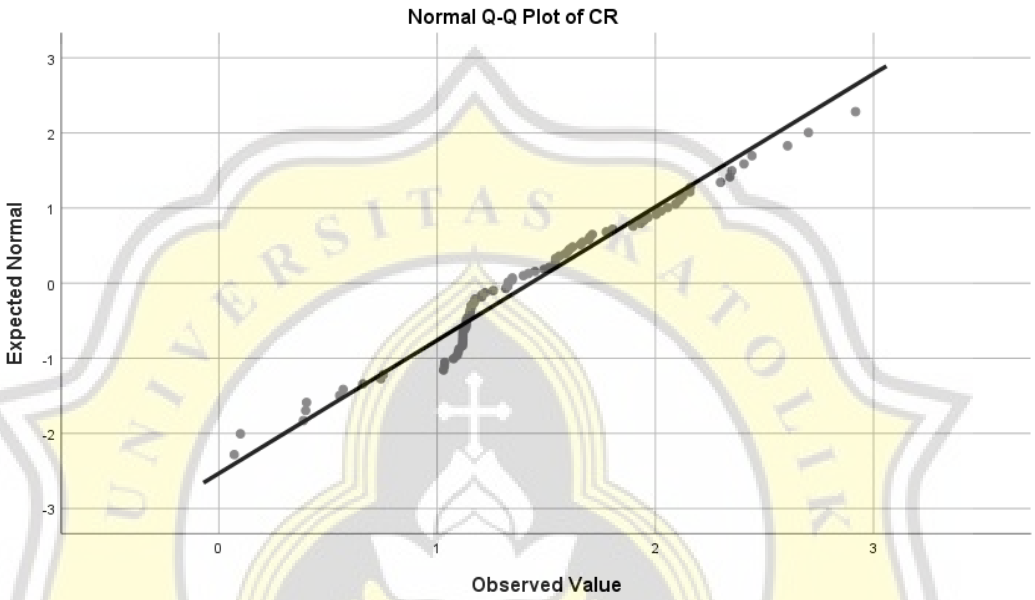


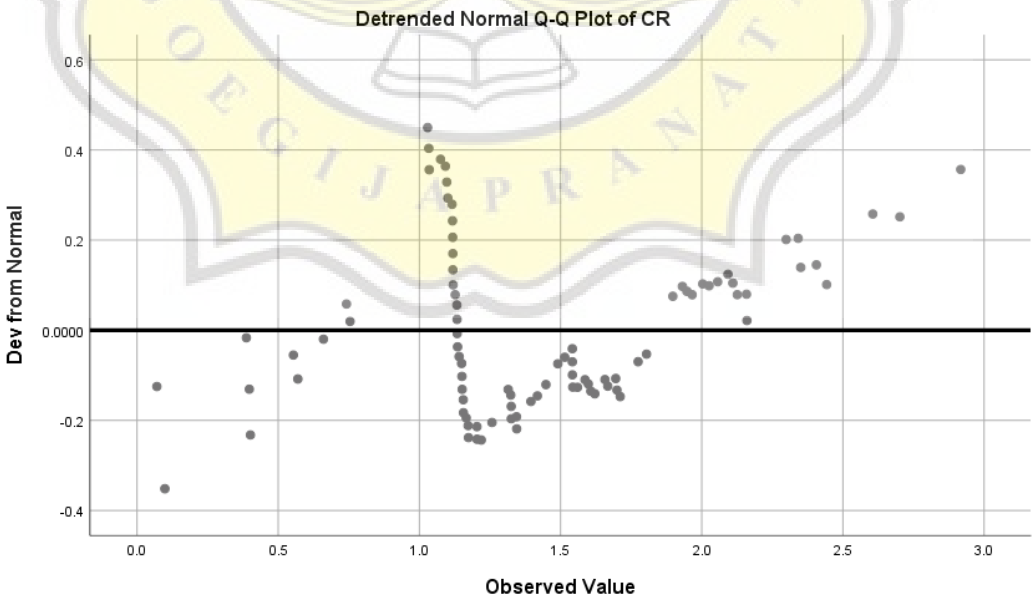


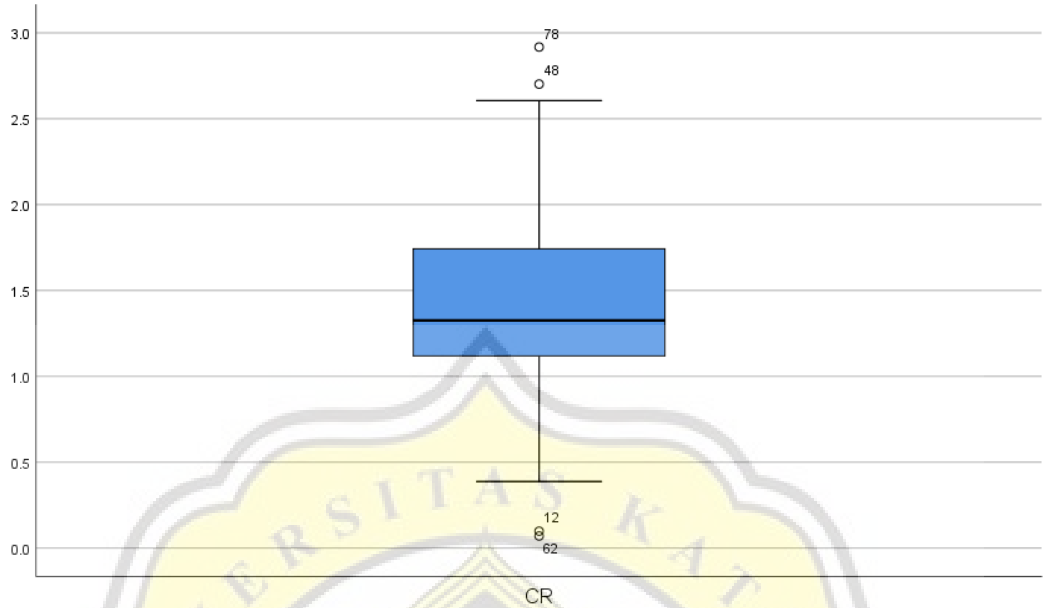



```
CR Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     2.00 Extremes    (=<.1)
     3.00        0 .  334
     5.00        0 .  55677
```

```
   41.00        1 .  00000011111111111111111111122223333333444
   21.00        1 .  555555556666667788999
   13.00        2 .  0000111123344
    1.00        2 .  6
    2.00 Extremes    (>=2.7)

Stem width:  1.000000
Each leaf:        1 case(s)
```







Lampiran 10 Hasil Uji Normalitas Setelah Data Normal

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SRD	79	75.2%	26	24.8%	105	100.0%
AGE	79	75.2%	26	24.8%	105	100.0%
SIZE	79	75.2%	26	24.8%	105	100.0%
ROA	79	75.2%	26	24.8%	105	100.0%
CR	79	75.2%	26	24.8%	105	100.0%
INST	79	75.2%	26	24.8%	105	100.0%

Descriptives

			Statistic	Std. Error
SRD	Mean		.51514624	.018780778
	95% Confidence Interval for Mean	Lower Bound	.47775658	
		Upper Bound	.55253590	
	5% Trimmed Mean		.50819149	
	Median		.48965500	
	Variance		.028	
	Std. Deviation		.166927203	
	Minimum		.213793	
	Maximum		.937931	
	Range		.724138	
	Interquartile Range		.248276	
	Skewness		.594	.271
	Kurtosis		-.413	.535
AGE	Mean		4.34303797E1	2.128894548E0
	95% Confidence Interval for Mean	Lower Bound	3.91920763E1	
		Upper Bound	4.76686832E1	
	5% Trimmed Mean		4.38389592E1	
	Median		4.90000000E1	
	Variance		358.043	
	Std. Deviation		1.892202864E1	
	Minimum		6.000000E0	
	Maximum		7.400000E1	

	Range		6.800000E1	
	Interquartile Range		3.300000E1	
	Skewness		-.487	.271
	Kurtosis		-1.026	.535
SIZE	Mean		2.30961038E1	.578613548
	95% Confidence Interval for Mean	Lower Bound	2.19441727E1	
		Upper Bound	2.42480349E1	
	5% Trimmed Mean		2.29613389E1	
	Median		2.11365700E1	
	Variance		26.449	
	Std. Deviation		5.142829708E0	
	Minimum		1.607191E1	
	Maximum		3.237568E1	
	Range		1.630377E1	
	Interquartile Range		8.889862E0	
	Skewness		.442	.271
	Kurtosis		-1.185	.535
ROA	Mean		.02398542	.002591340
	95% Confidence Interval for Mean	Lower Bound	.01882646	
		Upper Bound	.02914438	
	5% Trimmed Mean		.02382049	
	Median		.01913900	

	Variance		.001	
	Std. Deviation		.023032331	
	Minimum		-.029899	
	Maximum		.086855	
	Range		.116754	
	Interquartile Range		.028176	
	Skewness		.336	.271
	Kurtosis		.433	.535
CR	Mean		1.41931546E0	.056059782
	95% Confidence Interval for Mean	Lower Bound	1.30770900E0	
		Upper Bound	1.53092191E0	
	5% Trimmed Mean		1.41668677E0	
	Median		1.32515400E0	
	Variance		.248	
	Std. Deviation		.498270240	
	Minimum		.387093	
	Maximum		2.605773E0	
	Range		2.218680E0	
	Interquartile Range		.581295	
	Skewness		.266	.271
	Kurtosis		-.157	.535
INST	Mean		.79664913	.025173777
	95% Confidence Interval for Mean	Lower Bound	.74653199	
		Upper Bound	.84676627	

5% Trimmed Mean	.81662436	
Median	.86151700	
Variance	.050	
Std. Deviation	.223749421	
Minimum	.213624	
Maximum	1.000000	
Range	.786376	
Interquartile Range	.350000	
Skewness	-.879	.271
Kurtosis	-.018	.535

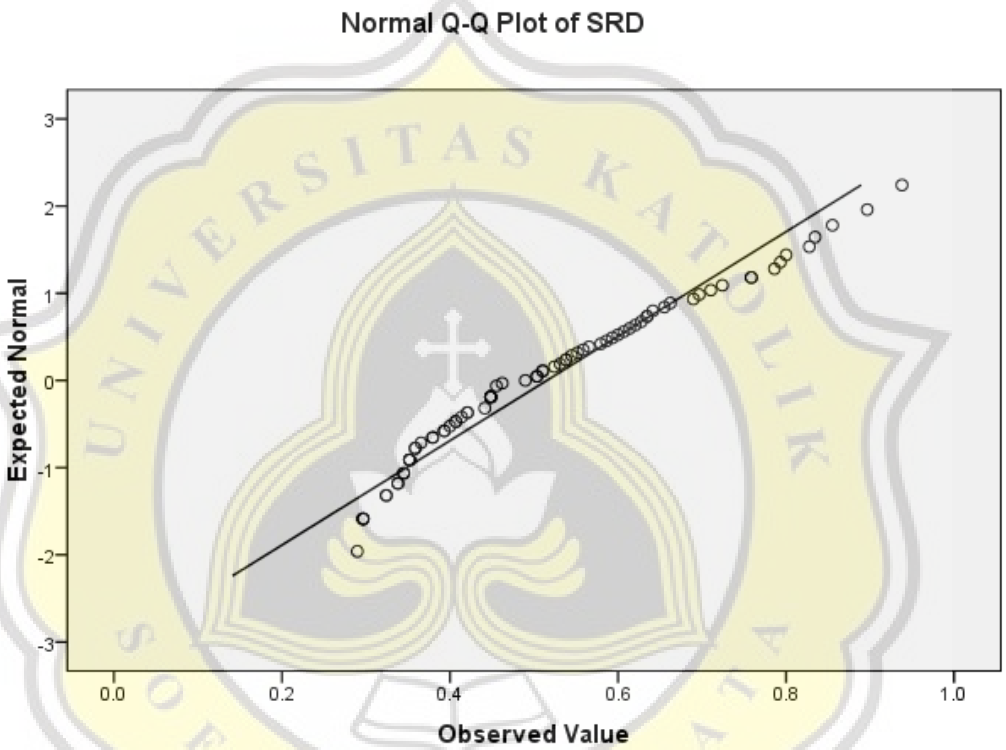
One-Sample Kolmogorov-Smirnov Test

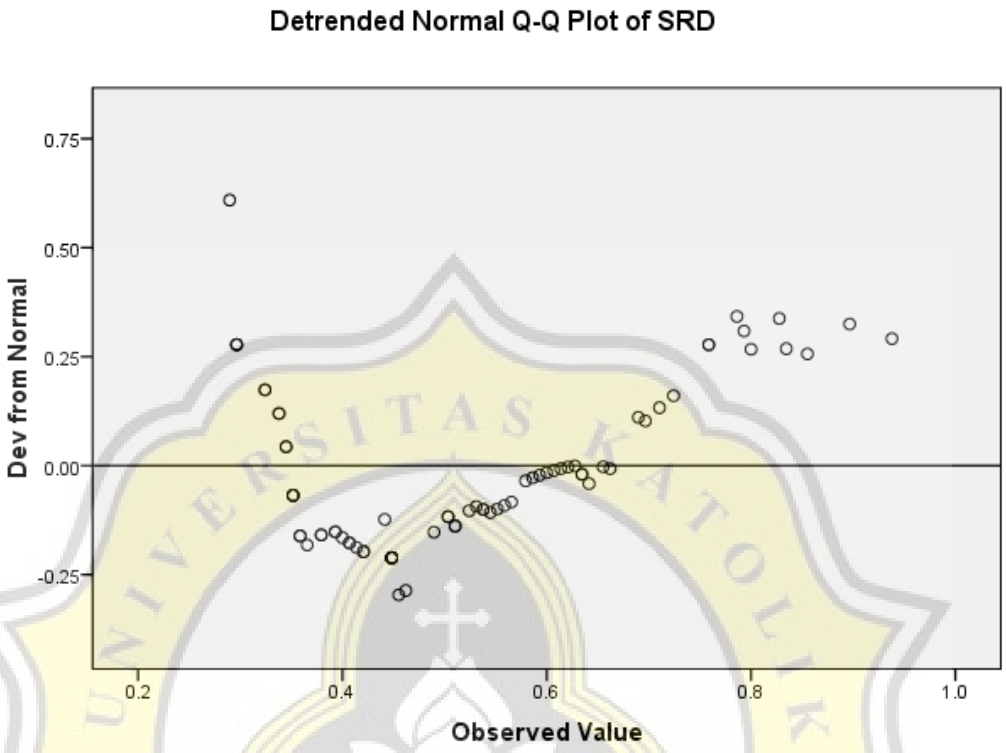
		Unstandardized Residual
N		79
Normal Parameters[a]	Mean	.0000000
	Std. Deviation	.15195566
Most Extreme Differences	Absolute	.103
	Positive	.103
	Negative	-.062
Kolmogorov-Smirnov Z		.918
Asymp. Sig. (2-tailed)		.369

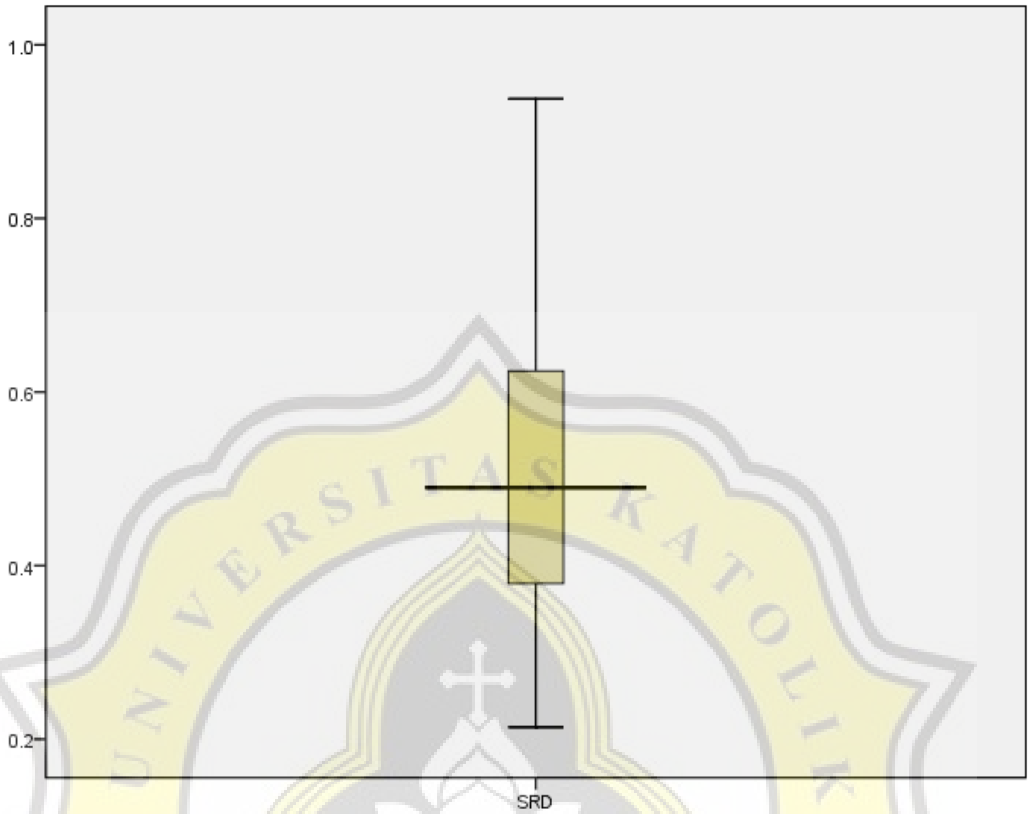
Sumber: *output* SPSS versi 16 (2021)

```
SRD Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     1.00        2 .  1
     5.00        2 .  89999
     6.00        3 .  223344
    11.00        3 .  55555567799
    14.00        4 .  00012244444444
     3.00        4 .  568
     9.00        5 .  001123334
     6.00        5 .  556789
     8.00        6 .  00122334
```

```
    4.00        6 .  5689
    2.00        7 .  12
    4.00        7 .  5589
    3.00        8 .  023
    2.00        8 .  59
    1.00        9 .  3

Stem width:   .100000
Each leaf:       1 case(s)
```

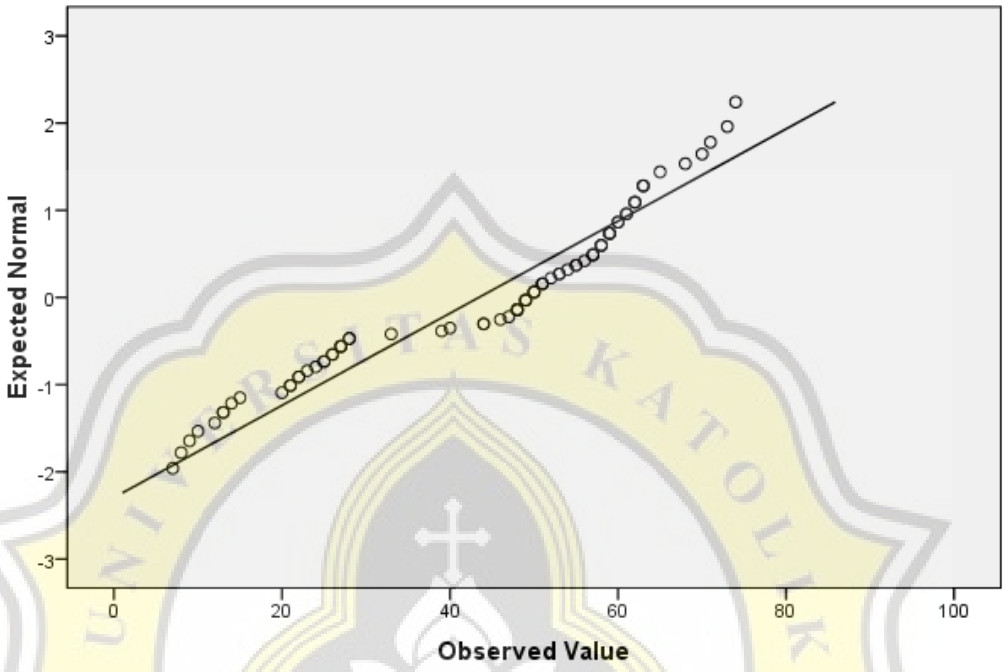



Detrended Normal Q-Q Plot of SRD
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.2
0.4
0.6
0.8
1.0
Observed Value

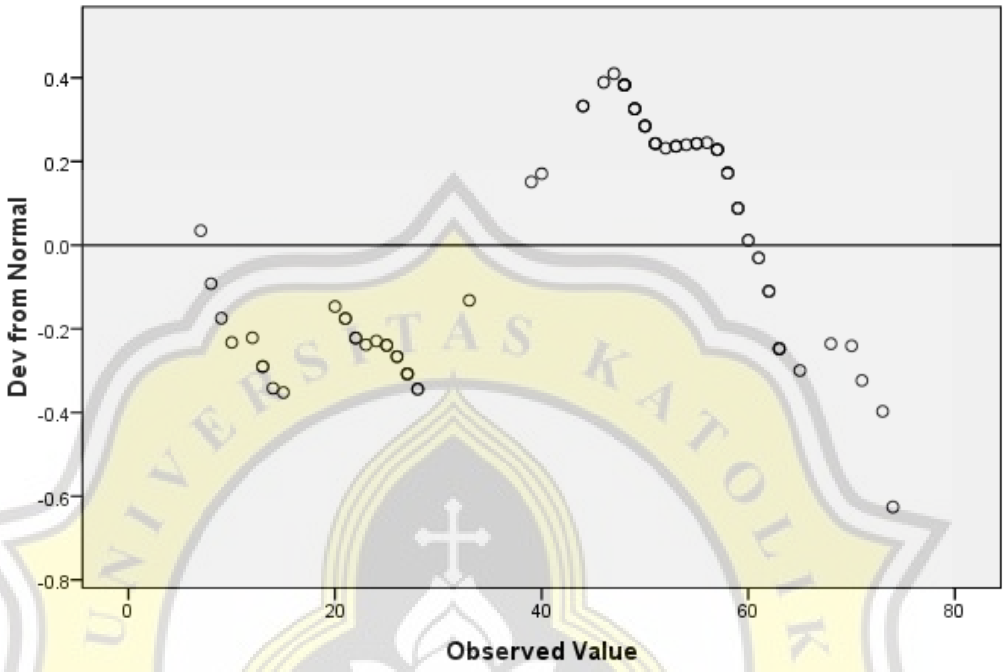


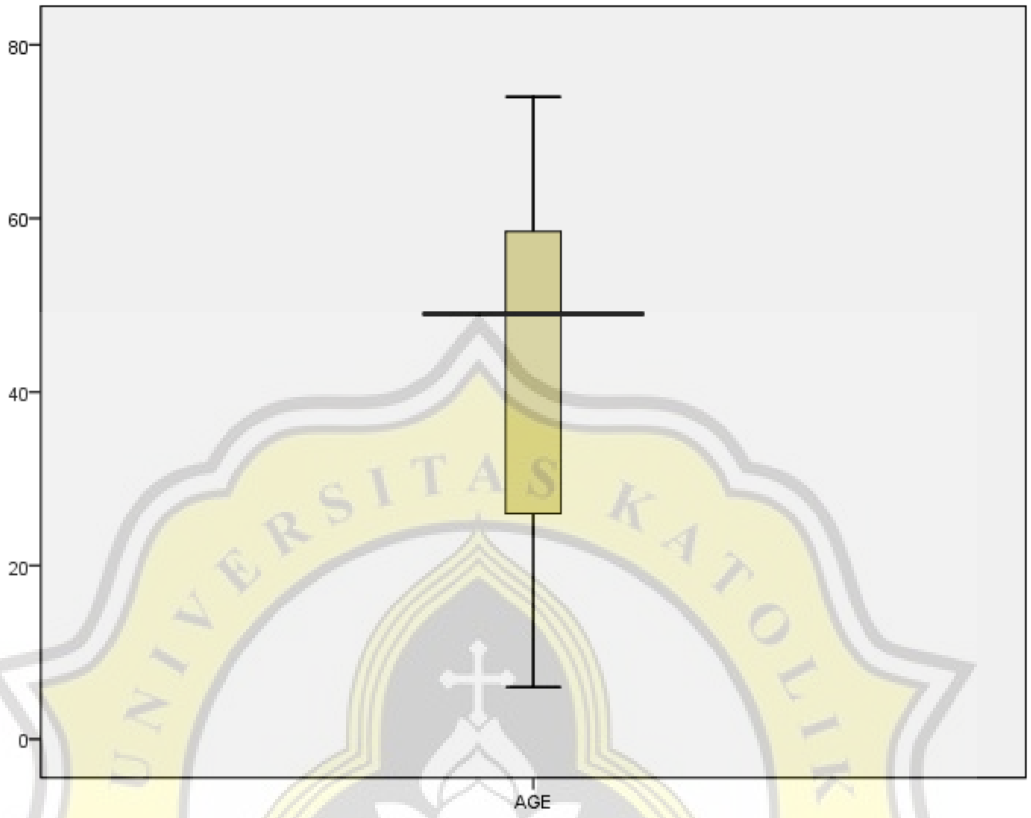

```
AGE Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     4.00        0 .  6789
     5.00        1 .  02334
     1.00        1 .  5
     7.00        2 .  0112234
     9.00        2 .  556677788
     1.00        3 .  3
     1.00        3 .  9
     3.00        4 .  044
     9.00        4 .  678888999
    10.00        5 .  0001112334
    13.00        5 .  5567778889999
    10.00        6 .  0011222333
     2.00        6 .  58
     4.00        7 .  0134

 Stem width:  10.00000
 Each leaf:       1 case(s)
```

Normal Q-Q Plot of AGE



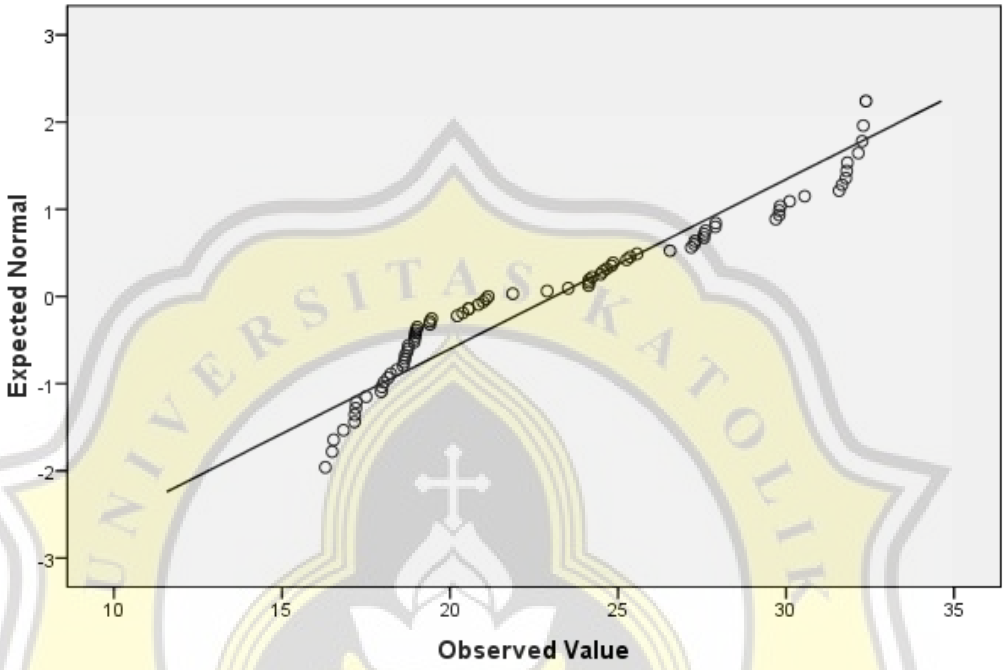
Detrended Normal Q-Q Plot of AGE

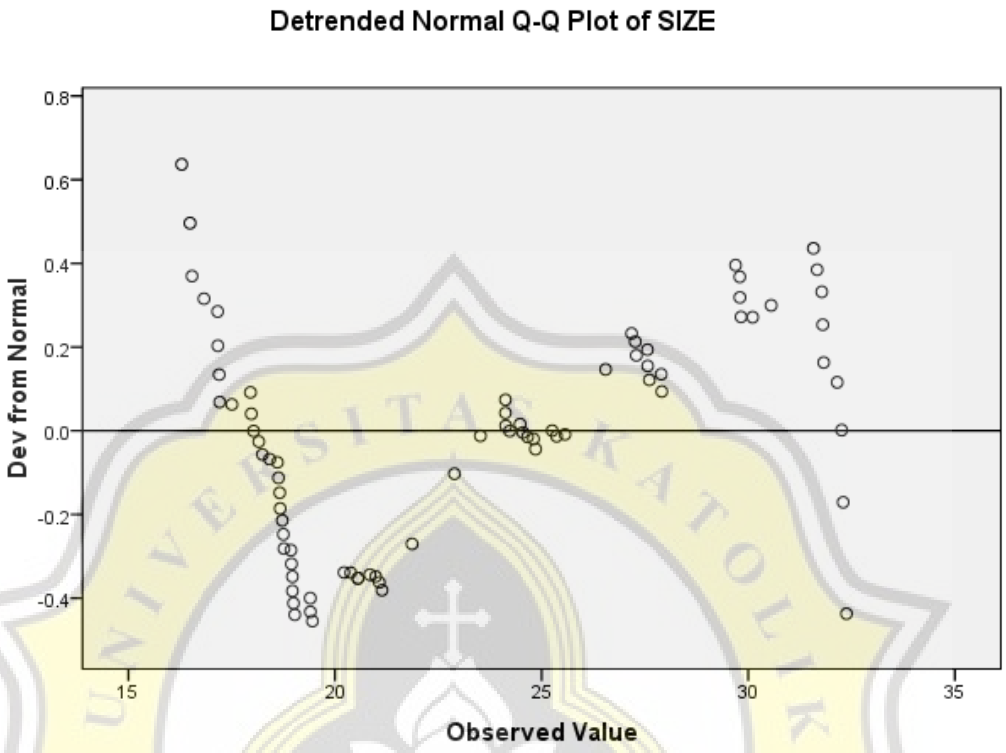


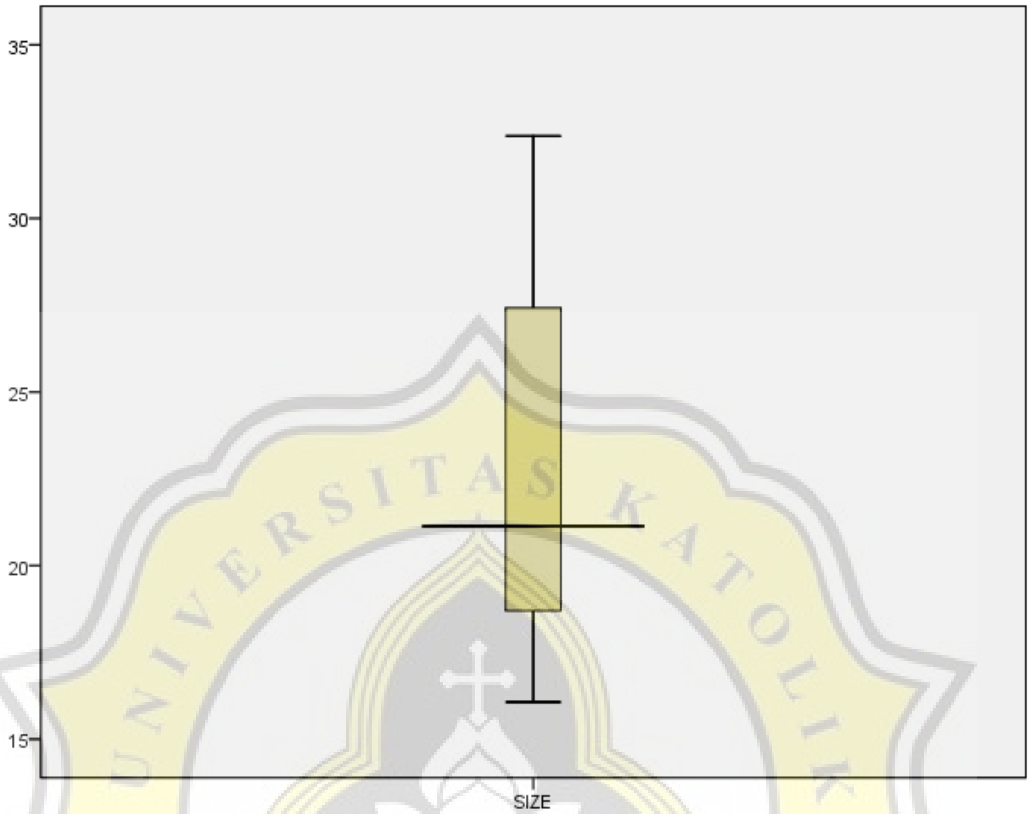



```
SIZE Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     5.00        16 .  02458
     7.00        17 .  1112599
    16.00        18 .  0124666677799999
     4.00        19 .  0444
     6.00        20 .  235589
     3.00        21 .  018
     1.00        22 .  8
     1.00        23 .  5
     9.00        24 .  111245688
     3.00        25 .  235
     1.00        26 .  5
     8.00        27 .  12255689
      .00        28 .
     4.00        29 .  6778
     2.00        30 .  15
     5.00        31 .  56788
     4.00        32 .  1223

 Stem width:  1.000000
 Each leaf:       1 case(s)
```

Normal Q-Q Plot of SIZE

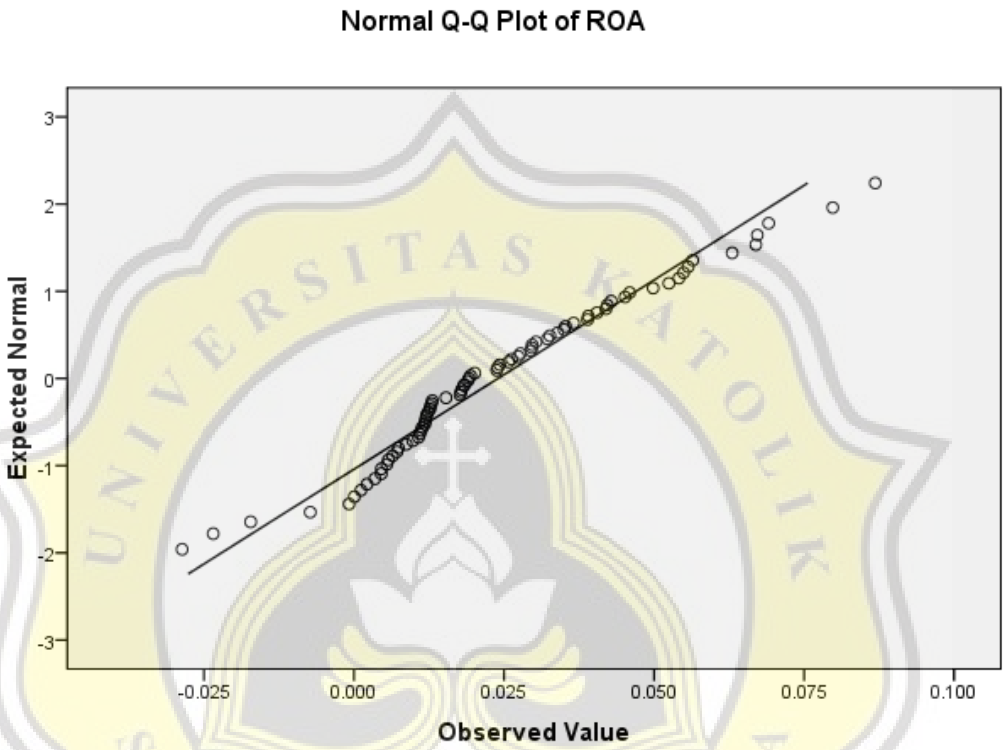


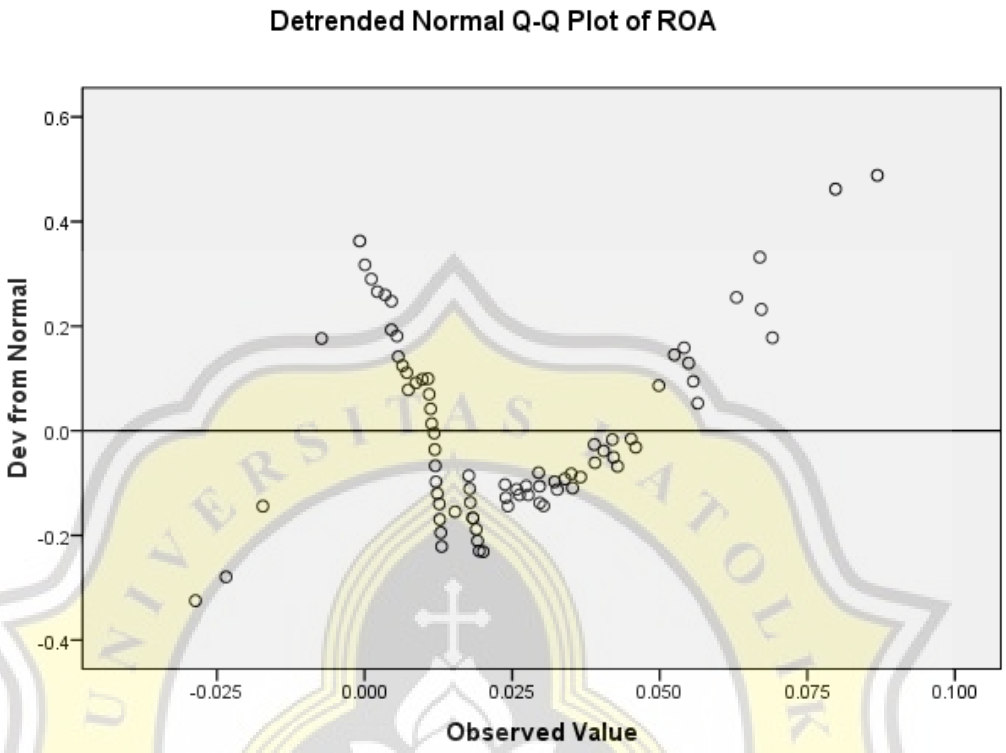

Detrended Normal Q-Q Plot of SIZE
Dev from Normal
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
15
20
25
30
35
Observed Value

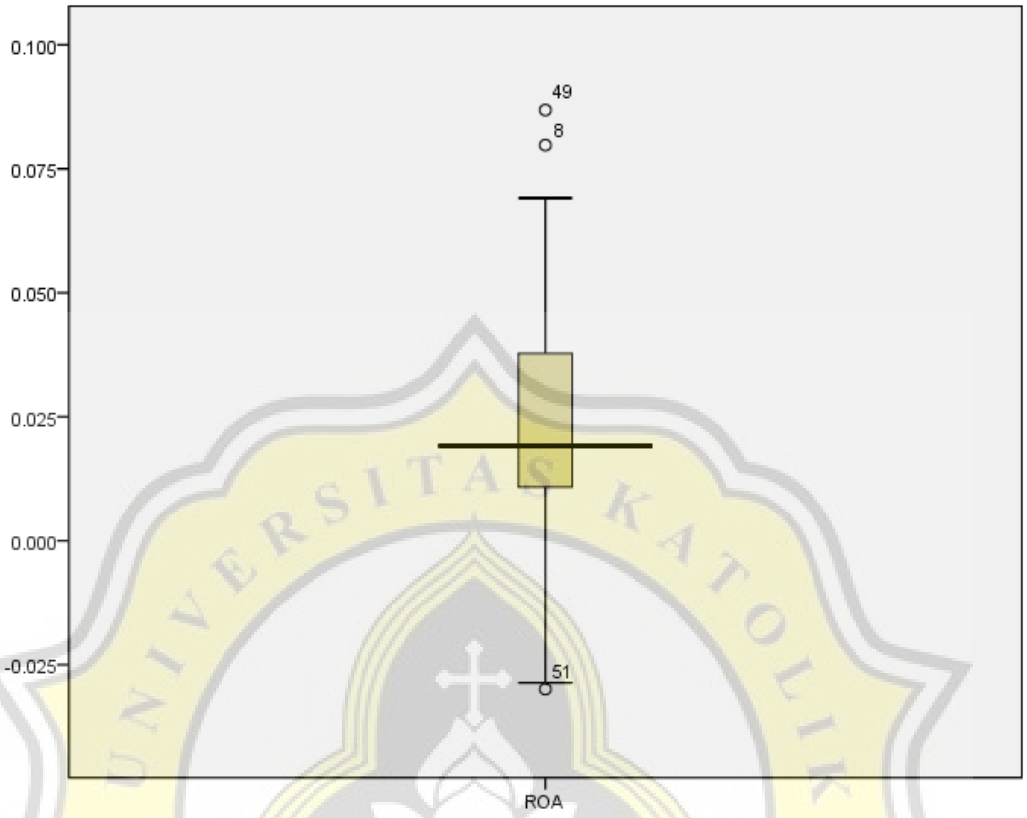



```
ROA Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     1.00 Extremes    (=<-.030)
     1.00       -2 .  8
     1.00       -2 .  3
     1.00       -1 .  7
      .00       -1 .
     1.00       -0 .  7
     1.00       -0 .  0
     6.00        0 .  012344
     7.00        0 .  5567789
    13.00        1 .  0011111222223
     9.00        1 .  577788899
     4.00        2 .  0334
     7.00        2 .  5677999
     4.00        3 .  0223
     5.00        3 .  55689
     4.00        4 .  0122
     3.00        4 .  559
     3.00        5 .  244
     2.00        5 .  56
     1.00        6 .  3
     3.00        6 .  679
     2.00 Extremes    (>=.080)
```

```
Stem width:    .010000
Each leaf:        1 case(s)
```

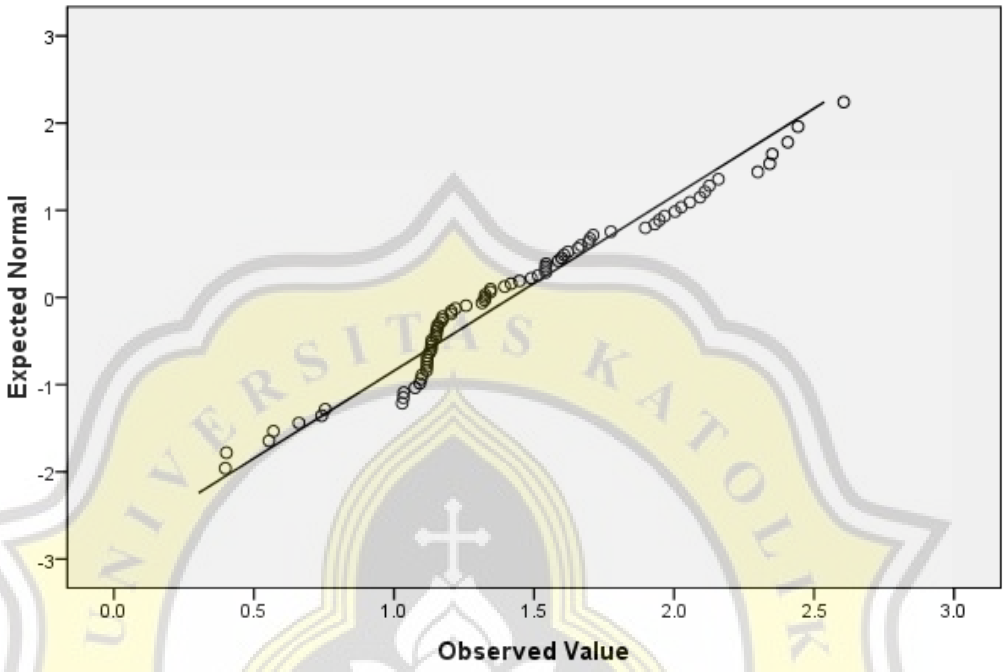


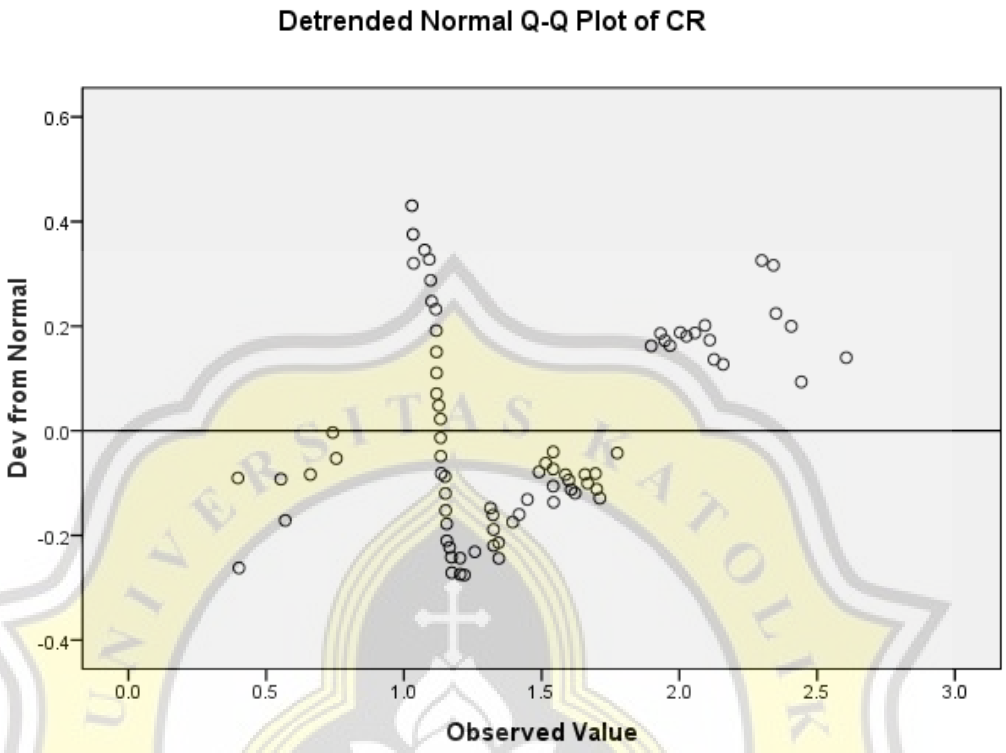

Detrended Normal Q-Q Plot of ROA
Dev from Normal
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.025
0.000
0.025
0.050
0.075
0.100
Observed Value

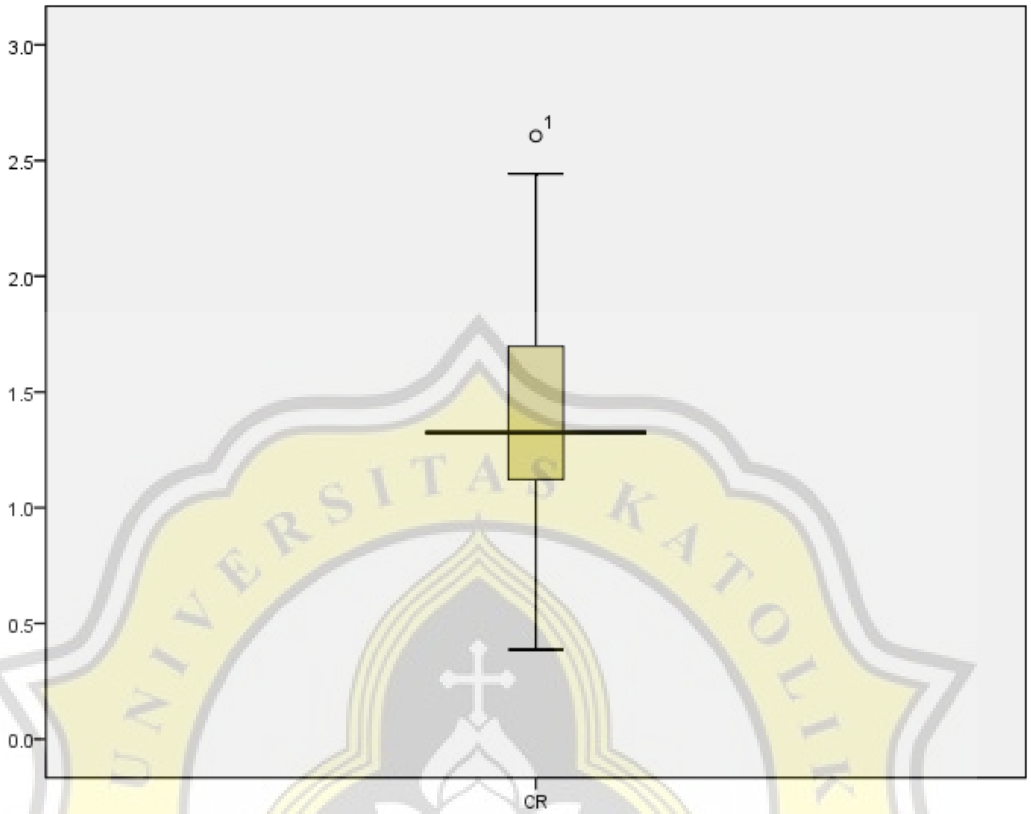



```
CR Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     2.00        0 .  33
     3.00        0 .  455
     3.00        0 .  677
      .00        0 .
    25.00        1 .  0000001111111111111111111
    11.00        1 .  22223333333
    10.00        1 .  4445555555
     8.00        1 .  66666677
     4.00        1 .  8999
     7.00        2 .  0000111
     3.00        2 .  233
     2.00        2 .  44
     1.00 Extremes    (>=2.6)

 Stem width:  1.000000
 Each leaf:       1 case(s)
```

Normal Q-Q Plot of CR

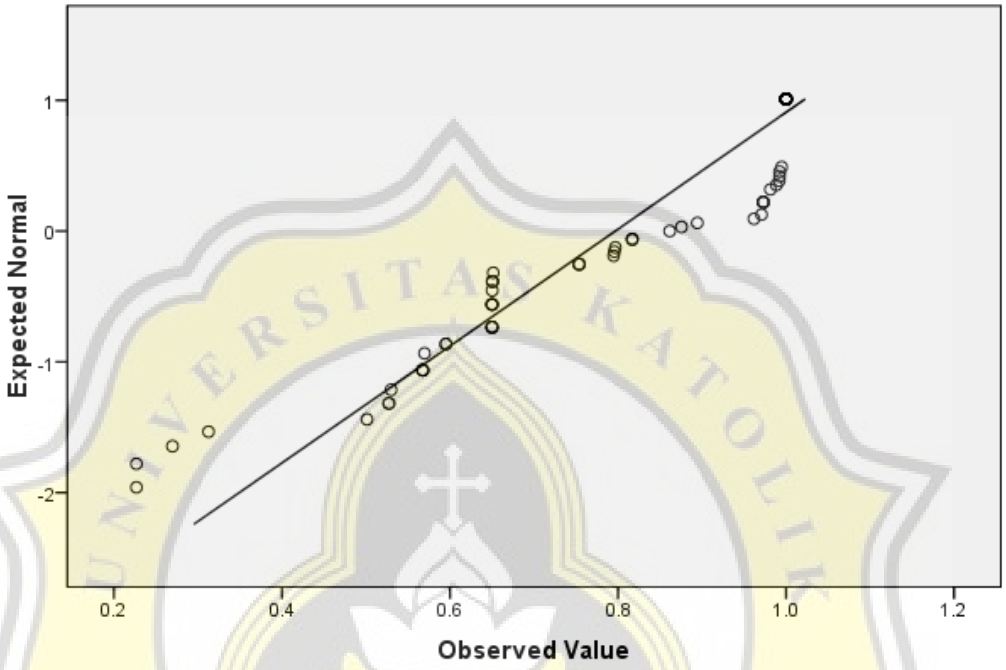


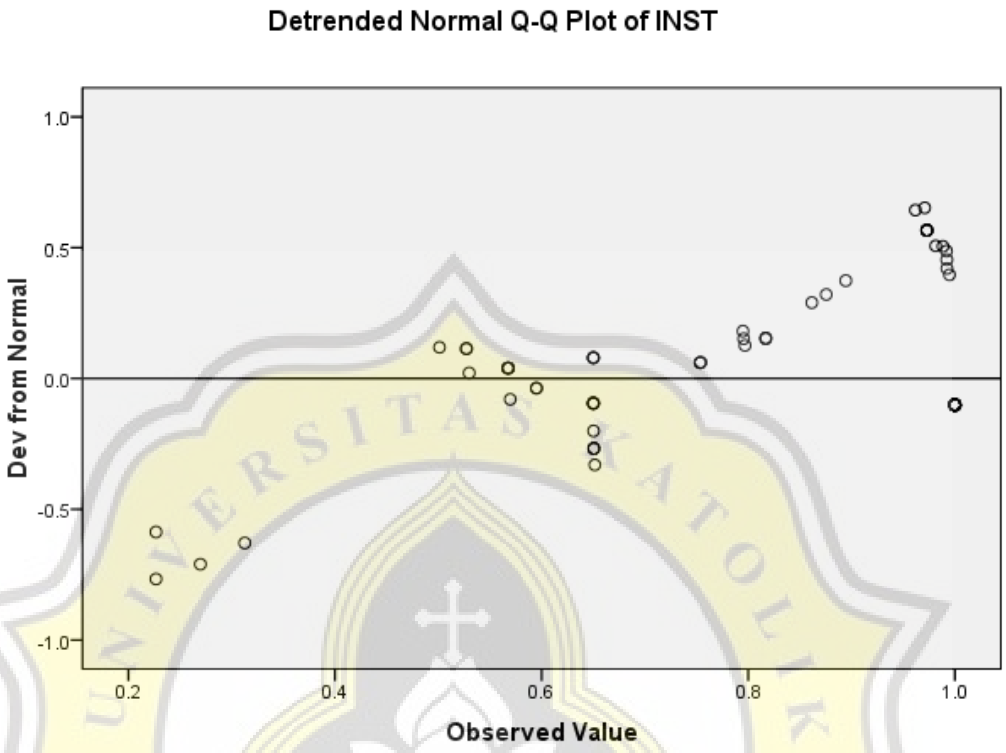

Detrended Normal Q-Q Plot of CR
Dev from Normal
0.6
0.4
0.2
0.0
-0.2
-0.4
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Observed Value

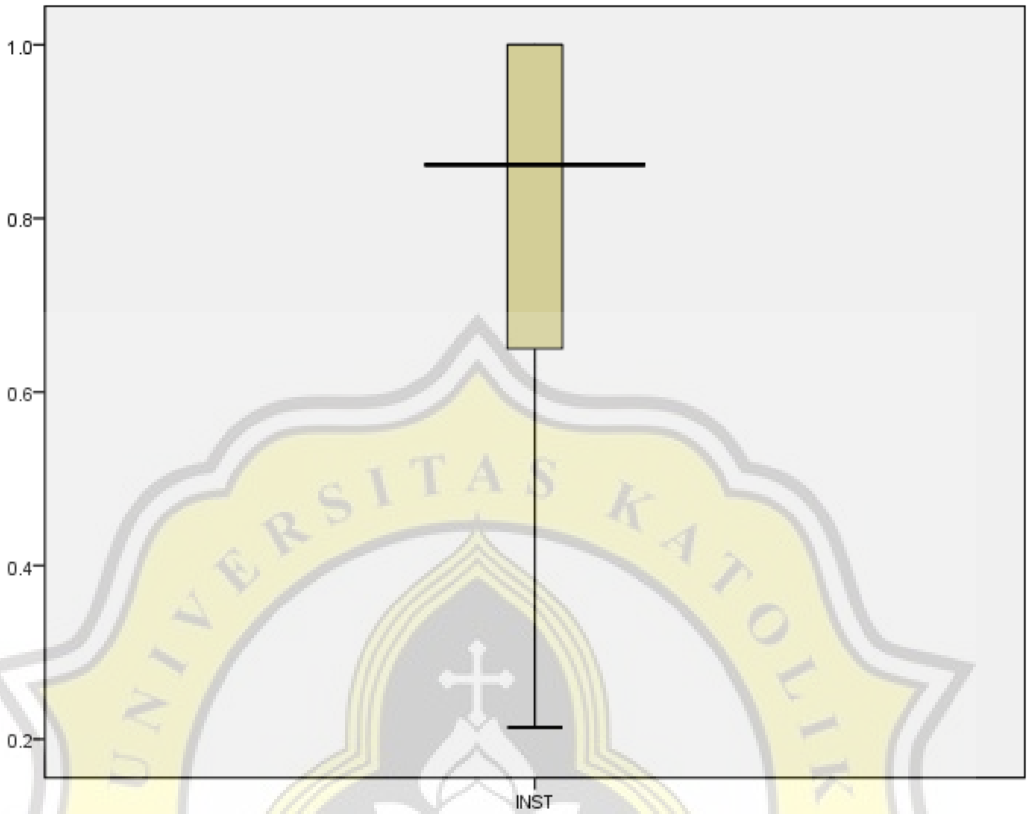



```
INST Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     3.00        2 .  122
     1.00        2 .  6
     1.00        3 .  1
      .00        3 .
      .00        4 .
      .00        4 .
     4.00        5 .  0222
     7.00        5 .  6666699
      .00        6 .
    14.00        6 .  55555555555555
      .00        7 .
     6.00        7 .  555999
     3.00        8 .  111
     3.00        8 .  679
      .00        9 .
    13.00        9 .  6777777889999
    24.00       10 .  000000000000000000000000

 Stem width:   .100000
 Each leaf:       1 case(s)
```

Normal Q-Q Plot of INST




Detrended Normal Q-Q Plot of INST
Dev from Normal
1.0
0.5
0.0
-0.5
-1.0
0.2
0.4
0.6
0.8
1.0
Observed Value



Lampiran 11 Hasil Uji Multikolinearitas

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	INST, CR, SIZE, ROA, AGE[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: SRD

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.414[a]	.171	.115	.157073436

a. Predictors: (Constant), INST, CR, SIZE, ROA, AGE

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.372	5	.074	3.019	.016[a]
	Residual	1.801	73	.025		
	Total	2.173	78			

a. Predictors: (Constant), INST, CR, SIZE, ROA, AGE

b. Dependent Variable: SRD

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	.411	.123		3.342	.001		
	AGE	-.002	.001	-.276	-2.304	.024	.792	1.263
	SIZE	.002	.004	.068	.627	.532	.955	1.047
	ROA	-1.363	.840	-.188	-1.622	.109	.845	1.184
	CR	.112	.038	.333	2.910	.005	.867	1.153
	INST	.042	.091	.056	.458	.648	.760	1.316

a. Dependent Variable: SRD

Sumber: *output* SPSS versi 16 (2021)

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions					
				(Constant)	AGE	SIZE	ROA	CR	INST
1	1	5.291	1.000	.00	.00	.00	.01	.00	.00
	2	.432	3.499	.00	.01	.00	.78	.00	.01
	3	.135	6.260	.01	.55	.06	.05	.09	.01
	4	.074	8.437	.02	.05	.09	.12	.86	.04
	5	.053	10.015	.00	.38	.21	.03	.01	.60
	6	.015	18.938	.98	.00	.63	.01	.03	.33

a. Dependent Variable: SRD

Lampiran 12 Hasil Uji Heteroskedastisitas

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	INST, CR, SIZE, ROA, AGE[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: ABS_RES

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.369[a]	.136	.077	.16066

a. Predictors: (Constant), INST, CR, SIZE, ROA, AGE

b. Dependent Variable: ABS_RES

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.298	5	.060	2.306	.053[a]
	Residual	1.884	73	.026		
	Total	2.182	78			

a. Predictors: (Constant), INST, CR, SIZE, ROA, AGE

b. Dependent Variable: ABS_RES

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.149	.126		1.182	.241
	AGE	.002	.001	.208	1.705	.092
	SIZE	-.005	.004	-.165	-1.486	.142
	ROA	.037	.859	.005	.043	.966
	CR	.057	.039	.170	1.459	.149
	INST	.063	.093	.084	.675	.502

a. Dependent Variable: SRD

Sumber: *output* SPSS versi 16 (2021)

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.0536	.3347	.2366	.06176	79
Residual	-.23268	.42933	.00000	.15542	79
Std. Predicted Value	-2.962	1.588	.000	1.000	79
Std. Residual	-1.448	2.672	.000	.967	79

a. Dependent Variable: ABS_RES

Lampiran 13 Hasil Uji Autokorelasi

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	INST, CR, SIZE, ROA, AGE[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: SRD

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.414[a]	.171	.115	.157073436	1.539

a. Predictors: (Constant), INST, CR, ROA, SIZE, AGE

b. Dependent Variable: SRD

Sumber: *output* SPSS versi 16 (2021)

ANOVA[b]

Model		Sum of Squares	Df	Mean Square	F	Sig.
1	Regression	.372	5	.074	3.019	.016[a]
	Residual	1.801	73	.025		
	Total	2.173	78			

a. Predictors: (Constant), INST, CR, SIZE, ROA, AGE

b. Dependent Variable: SRD

Lampiran 14 Uji Kelayakan Model

Hasil Uji Koefisien Determinasi (R^2)

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.465[a]	.216	.114	.157156302

a. Predictors: (Constant), INST_CR, SIZE, ROA, AGE, INST, INST_ROA, CR, INST_AGE, INST_SIZE

Sumber: *output* SPSS versi 16 (2021)

Hasil Uji Signifikansi Simultan (Uji Regresi Statistik F)

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.469	9	.052	2.111	.040[a]
	Residual	1.704	69	.025		
	Total	2.173	78			

a. Predictors: (Constant), INST_CR, SIZE, INST_AGE, CR, AGE, INST_ROA, ROA, INST_SIZE

b. Dependent Variable: SRD

Sumber: *output* SPSS versi 16 (2021)

Hasil Uji Moderated Regression Analysis

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Sig./2	Kesimpulan
		B	Std. Error	Beta				
1	(Constant)	-.324	.550		-.589	.558	0.279	
	AGE	.001	.005	.167	.323	.748	0.374	Ditolak, karena sig > 0,05
	SIZE	.028	.016	.876	1.724	.089	0.0445	**Diterima**
	ROA	-2.720	2.892	-.375	-.941	.350	0.175	Ditolak, karena arah negatif
	CR	.090	.154	.269	.587	.559	0.2795	Ditolak, karena sig > 0,05
	INST_AGE	-.005	.006	-.622	-.922	.360	0.18	Ditolak, karena arah negatif
	INST_SIZE	-.032	.019	-1.260	-1.663	.101	0.0505	Ditolak, karena arah negatif
	INST_ROA	2.030	3.836	.214	.529	.598	0.299	Ditolak, karena sig > 0,05
	INST_CR	.050	.190	.146	.262	.794	0.397	Ditolak, karena sig > 0,05

a. Dependent Variable: SRD

Sumber: *output* SPSS versi 16 (2021)

Lampiran 15 Hasil Scan Anti Plagiarisme

Report Resmi Perpustakaan

15 Desember 2021

9.69%
Plagiarism approximately

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Report #14250117

BAB I

PENDAHULUAN

Latar Belakang Penelitian

Pada masa saat ini di era globalisasi pasar modal semakin berkembang sehingga membuat dunia bisnis semakin menunjukkan perkembangannya untuk meningkatkan perekonomian negara. Pasar modal menjadi indikator kemajuan suatu negara, salah satunya di Indonesia misalnya kegiatan pasar modal merupakan salah satu penunjang yang memberikan kontribusi besar terhadap pertumbuhan perekonomian dalam negeri. Dari kegiatan pasar modal itu membuat perusahaan berlomba-lomba untuk menghasilkan laba yang setinggi-tingginya. Oleh karena itu, aktivitas kegiatan operasional perusahaan akan berdampak secara langsung maupun tidak secara langsung terhadap kehidupan masyarakat.

Dampak kerusakan lingkungan yang ditimbulkan oleh adanya aktivitas kegiatan operasional perusahaan, antara lain:

Tabel 1.1

Permasalahan Pencemaran Lingkungan Akibat Perusahaan

TahunPermasalahan2015 Sungai Sangatta, Kabupaten Kutai Timur, Kalimantan Timur tercemar yang disebabkan oleh limbah aktivitas pertambangan PT Kaltim Prima Coal (KPC) yang mengakibatkan sungai Sangatta menjadi kotor dan berwarna coklat.

2016 Pencemaran udara yang dilakukan oleh aktivitas pertambangan semen dari PT Semen Indonesia yang berada di Desa Karanglo, Kecamatan Kerek, Kabupaten Tuban yang mengakibatkan kematian beruntun bagi warga sekitar perusahaan tersebut.

2017 Tercemarnya sungai Glenmore yang mengalir ke pesisir selatan Banyuwangi, Jawa Timur yang disebabkan oleh limbah dari PT Industri Gula Glenmore yang menyebabkan ribuan ikan mati dan gatal-gatal pada warga sekitar.

2018 Tercemarnya sungai Kalimati di Desa Cilangkap, Kecamatan Babakan Cikao, Kabupaten Purwakarta yang disebabkan limbah PT