Lampiran 1. Data Penelitian

No	Perusahaan	Tahun	BTD	TA	Age	Leverage	CFO	Size	Inst	Fam	Pub	COD
1	ADES	2014	-0.001018	1.082398	10	0.042098	0.201549	11.701559	91.94	0.00	8.06	0.183917
2	ALDO	2014	-0.001195	1.638294	3	0.024397	-0.000086	11.539922	62.55	12.91	17.89	0.088414
3	APLI	2014	-0.037398	0.895164	14	0.000000	0.081700	11.436364	56.65	28.28	15.07	1.848994
4	ARNA	2014	0.001291	1.207511	13	0.000000	0.189643	12.100349	30.32	0.00	45.16	2.957773
5	ASII	2014	0.034347	0.857912	24	0.138336	0.076741	14.372962	5.61	50.11	49.86	0.070313
6	BRAM	2014	-0.007532	0.727380	24	0.144235	0.090926	12.583470	60.21	23.92	5.31	0.070054
7	CPIN	2014	0.042296	1.824637	23	0.226600	0.022214	13.318935	55.53	0.00	44.47	0.054609
8	GGRM	2014	-0.000659	1.251285	24	0.000000	0.028467	13.765179	0.00	75.55	23.53	0.100403
9	INAI	2014	-0.012911	1.157106	20	0.051557	0.052879	11.951174	67.25	43.61	22.01	0.038433
10	INCI	2014	0.071748	0.863836	24	0.000869	-0.051310	11.169545	0.00	43.61	53.64	0.849879
11	INDS	2014	0.002511	0.819964	24	0.005535	0.028875	12.358442	88.11	0.00	11.45	0.148968
12	INKP	2014	0.018263	0.337172	24	0.411273	0.045706	13.908670	52.72	0.00	47.26	0.000046
13	INTP	2014	0.027332	0.550855	25	0.002633	0.184862	13.460667	13.03	51.00	35.97	12.159084
14	IPOL	2014	-0.029612	0.762175	4	0.063428	0.042560	12.549933	0.10	64.16	35.74	0.038829
15	JPFA	2014	-0.005816	1.533244	25	0.301091	0.100678	13.197528	0.00	57.51	42.30	0.022039
16	KAEF	2014	-0.000287	1.710178	13	0.067411	0.097441	12.478967	90.03	0.00	9.80	0.256183
17	KLBF	2014	0.017139	1.329493	13	0.003555	0.186928	13.094795	56.71	0.00	43.29	2.171068
18	LMSH	2014	-0.024051	1.687200	24	0.000000	0.070903	11.149327	0.00	57.37	42.60	0.917752
19	MYOR	2014	0.005219	1.544698	24	0.230710	-0.080567	13.012753	32.93	0.00	66.93	0.027488
20	NIPS	2014	-0.004403	1.310102	13	0.040512	-0.024963	12.081655	62.90	0.00	31.09	0.050988
21	PYFA	2014	-0.011361	1.261028	4	0.063572	0.008534	11.236934	53.85	23.08	23.07	0.032596
22	ROTI	2014	-0.002183	0.869960	21	0.367608	0.137476	12.331001	44.25	26.50	29.25	0.076833
23	SKLT	2014	-0.015594	2.178954	1	0.027207	0.069445	11.527543	38.70	57.37	3.78	0.104953
24	SRSN	2014	-0.075452	1.100834	21	0.001098	0.020697	11.667406	77.99	0.00	10.42	0.168293
25	TPIA	2014	-0.000331	1.209794	6	0.219368	0.046130	13.378566	55.36	40.37	4.27	0.012380
26	AALI	2014	-0.037240	0.893944	17	0.114646	0.157849	30.551995	79.68	0.00	20.32	0.017472
27	ADRO	2014	-0.033885	0.399325	6	0.263142	0.088114	32.009596	43.91	6.18	40.97	0.001641
28	ANJT	2014	-0.069662	0.265940	1	0.033416	0.107342	29.339270	80.60	0.00	10.04	0.011891
29	ARTI	2014	0.025074	0.183839	11	0.317331	0.038101	28.203988	81.35	0.00	18.65	0.083591
30	BISI	2014	0.019655	0.601294	7	0.029385	0.067298	28.256054	69.71	23.08	7.21	0.004214
31	BSSR	2014	-0.033303	1.241889	2	0.086412	0.081391	28.362315	0.00	90.13	8.89	0.045496
32	CTTH	2014	0.006497	0.695857	18	0.004796	-0.058289	26.623892	37.00	5.82	41.20	0.023760
33	DEWA	2014	-0.047610	0.571555	7	0.027256	0.056232	29.117913	0.00	39.29	60.71	0.082567
34	DSFI	2014	0.002771	1.702903	14	0.075386	0.059851	26.324583	74.03	0.00	25.88	0.094463
35	DSNG	2014	-0.003083	0.658844	1	0.332554	0.139466	29.598381	70.16	10.80	19.04	0.044879
36	ELSA	2014	-0.001541	0.869506	6	0.058462	0.098803	29.079559	67.85	0.00	41.08	0.061114
37	ESSA	2014	0.002942	0.281147	2	0.160672	0.040617	28.182101	59.09	0.00	40.91	0.051539
38	GEMS	2014	-0.006861	1.288951	3	0.011215	0.006268	28.997979	66.99	30.00	3.00	0.023351
39	ITMG	2014	0.010861	1.287133	7	0.033937	0.139393	30.419135	0.00	65.05	34.92	0.002106
40	LSIP	2014	0.006439	0.399561	18	0.110618	0.173826	29.795846	59.50	0.00	40.50	0.044306

41	MBAP	2014	0.041283	1.738681	1	0.001053	0.003226	27.629864	90.00	0.00	10.00	0.137998
42	MYOH	2014	-0.005344	1.416489	14	0.226616	0.220398	28.338793	0.00	74.23	25.77	0.026049
43	PSAB	2014	-7.109640	41.957908	7	0.229438	0.093890	29.996484	0.00	92.60	7.40	0.089813
44	PTBA	2014	0.018263	0.950732	12	0.064718	0.132977	30.329735	65.02	0.00	29.33	0.021593
45	RUIS	2014	-0.069104	1.384603	8	0.158211	0.050356	27.867256	33.66	27.22	32.87	0.105301
46	SGRO	2014	-0.028949	0.557611	7	0.239017	0.132764	29.330097	0.00	67.05	32.95	0.038427
47	SIMP	2014	-0.020590	0.434612	3	0.133512	0.089214	31.064881	0.00	0.00	0.00	0.078505
48	SSMS	2014	-0.025711	0.447032	1	0.187315	0.142122	29.542818	67.41	16.86	15.75	0.109115
49	TBLA	2014	0.009458	0.934229	14	0.234660	0.072839	29.622781	54.29	0.00	45.63	0.064508
50	TINS	2014	-0.046406	1.003229	19	0.185833	-0.076457	29.917865	65.00	0.00	35.00	0.019829
51	TOBA	2014	-0.057865	1.504840	2	0.190121	0.059975	28.949627	83.10	0.00	12.50	0.076234
52	ACST	2014	-0.044457	1.094114	1	0.030250	-0.047260	12.168394	68.20	0.00	31.00	0.096562
53	ASGR	2014	-0.042432	1.489987	25	0.008425	0.073611	12.213076	76.87	0.00	23.13	0.173533
54	ASSA	2014	-0.004862	0.632853	2	0.417147	-0.093508	12.399202	44.12	15.44	37.71	0.094071
55	BEST	2014	0.759966	1.043958	2	0.639456	1.338188	11.562649	47.96	10.00	41.97	0.012394
56	BIRD	2014	-0.050184	0.720687	1	0.225530	0.159930	12.855611	37.17	33.44	15.05	0.137922
57	CMNP	2014	-0.005272	0.154228	19	0.072661	0.105805	12.724121	16.44	35.80	48.38	0.080890
58	DART	2014	0.012581	0.185878	14	0.256902	0.078532	12.708784	89.66	0.00	10.34	0.050646
59	DILD	2014	0.055356	0.338803	23	0.185912	-0.080159	12.954614	42.13	0.00	56.91	0.046433
60	DUTI	2014	0.077359	0.146165	20	0.012543	0.055473	12.910133	88.56	0.00	11.44	0.039046
61	GPRA	2014	0.064582	0.367979	7	0.138426	0.049422	12.181151	83.59	0.00	16.41	0.127824
62	GWSA	2014	0.262387	0.187984	3	0.017467	-0.039049	12.727622	79.49	0.00	20.47	0.024561
63	HITS	2014	-0.019173	0.337691	17	0.307225	0.080912	12.222398	81.93	0.00	18.07	0.095003
64	IBST	2014	-0.010023	0.104615	2	0.090921	0.049262	12.583471	70.38	0.00	29.62	0.068494
65	INPP	2014	0.016347	0.253900	10	0.236214	0.037261	12.340690	70.06	18.52	10.64	0.107629
66	ISAT	2014	-0.307087	3.062903	20	2.812330	1.383911	12.726480	14.29	70.39	15.32	0.088094
67	JSMR	2014	-0.036811	0.264248	7	0.397482	0.055222	13.503245	70.00	0.00	30.00	0.091152
68	JSPT	2014	-0.012969	0.309373	16	0.138871	0.076636	12.553372	87.75	9.52	2.50	0.060406
69	MAMI	2014	-0.003669	0.068259	20	0.130342	0.042091	11.882252	36.64	30.18	43.15	0.039046
70	META	2014	-0.022778	0.188512	13	0.195646	0.007876	12.610154	43.33	0.00	56.67	0.105883
71	MLPT	2014	0.013419	1.379942	1	0.016753	0.141384	12.238888	80.00	0.00	20.00	0.161945
72	MTDL	2014	-0.068179	3.542673	14	0.011918	0.112311	12.436830	25.13	22.17	50.93	0.245985
73	PGAS	2014	-0.035166	0.543862	11	0.317299	0.137439	13.849550	56.97	0.00	43.03	0.035803
74	SAME	2014	0.074966	0.803108	1	0.354099	0.238262	11.668727	84.53	0.00	15.47	0.132300
75	SILO	2014	-0.030197	1.218490	1	0.010725	0.100206	12.454267	78.85	0.00	21.15	0.805445
76	TBIG	2014	-0.109793	0.138433	4	0.404456	0.033079	13.335037	55.33	0.00	44.67	0.161969
77	TMAS	2014	0.042306	0.743443	11	0.176560	0.172235	12.211344	86.03	0.00	13.53	0.119408
78	TOWR	2014	-0.413176	0.840376	4	5.295139	1.618195	12.237590	38.75	0.00	61.25	0.090692
79	EMTK	2014	-0.060423	0.366939	4	0.069379	0.064243	13.298606	32.56	44.48	18.54	0.078394
80	LINK	2014	-0.072667	0.301283	1	0.024390	0.311113	12.573131	34.78	33.45	32.73	0.306324
81	SCMA	2014	-0.105441	0.720457	12	0.000317	0.249731	12.676640	61.80	0.00	38.13	0.660817
82	ADES	2015	-0.002324	1.279717	11	0.133845	0.039864	11.815062	91.94	0.00	8.06	0.068186
83	ALDO	2015	-0.003015	1.546577	4	0.014157	0.006022	11.563494	62.55	7.66	23.13	0.090033

84	APLI	2015	0.001574	0.864360	15	0.000000	0.079669	11.489425	58.80	25.61	15.59	0.009312
85	ARNA	2015	-0.001352	0.936560	14	0.002419	0.078222	12.155573	23.57	0.00	51.91	0.370031
86	ASII	2015	0.015091	0.658658	25	0.140351	0.117078	14.389936	5.61	50.11	49.86	0.056859
87	BRAM	2015	-0.015939	0.634859	25	0.147073	0.087094	12.606775	60.21	23.92	5.31	0.079870
88	CPIN	2015	0.018669	1.350087	24	0.236008	0.071534	13.396490	55.53	0.00	44.47	0.054336
89	GGRM	2015	-0.001623	1.153354	25	0.000000	0.050402	13.802811	0.00	75.55	23.53	0.106144
90	INAI	2015	-0.063648	1.490967	21	0.064843	0.039280	12.123936	67.25	43.65	22.03	0.071104
91	INCI	2015	0.068902	0.750467	25	0.001545	0.152068	11.229288	0.00	43.65	53.59	4.063077
92	INDS	2015	-0.002045	0.678533	25	0.023376	0.043322	12.407209	88.11	0.00	11.45	0.006754
93	INKP	2015	0.033297	0.441982	25	0.380246	0.022156	13.989113	52.72	0.00	47.26	0.001779
94	INTP	2015	0.017009	0.440588	26	0.002211	0.183507	13.441512	13.03	51.00	35.97	10.627706
95	IPOL	2015	-0.036541	0.664683	5	0.072962	0.084578	12.590004	0.10	64.16	35.74	0.040933
96	JPFA	2015	0.000311	1.494510	26	0.277275	0.085725	13.234504	0.00	57.84	41.97	0.025378
97	KAEF	2015	-0.000835	1.545925	14	0.000638	0.059054	12.535911	90.03	0.00	9.80	0.275226
98	KLBF	2015	0.005477	1.238303	14	0.009560	0.181353	13.136607	56.68	0.00	43.32	1.662497
99	LMSH	2015	-0.025836	1.160621	25	0.000000	0.081556	11.126400	0.00	57.80	42.20	0.465682
100	MYOR	2015	0.007715	1.210425	25	0.194887	0.207514	13.054717	32.93	0.00	66.93	0.109678
101	NIPS	2015	-0.002130	0.629645	14	0.132388	0.147296	12.189692	62.90	0.00	31.09	0.017486
102	PYFA	2015	-0.007629	1.171460	5	0.025267	0.098154	11.203988	53.85	23.08	23.07	0.043923
103	ROTI	2015	-0.024546	0.797868	22	0.367438	0.171729	12.432380	44.25	26.50	29.24	0.108319
104	SKLT	2015	-0.005525	2.123396	2	0.022585	0.078669	11.576469	36.00	57.00	7.00	0.104214
105	SRSN	2015	-0.000268	1.308328	22	0.011396	-0.133663	11.758967	77.99	0.00	10.42	0.030141
106	TPIA	2015	-0.035123	0.726970	7	0.228985	0.041730	13.411708	45.04	50.74	4.22	0.052335
107	AALI	2015	-0.040077	0.654434	18	0.265334	0.042457	30.699649	79.68	0.00	20.32	0.013330
108	ADRO	2015	-0.039648	0.365190	7	0.242416	0.083026	32.044580	43.91	6.18	35.32	0.002255
109	ANJT	2015	-0.085498	0.298430	2	0.122954	0.006302	29.505661	83.47	0.00	6.83	0.006078
110	ARTI	2015	0.021375	0.342891	12	0.242219	-0.156098	28.526820	87.00	0.00	13.00	0.104749
111	BISI	2015	0.032698	0.639930	8	0.021974	0.112974	28.392574	68.33	23.08	8.59	0.000000
112	BSSR	2015	-0.025429	1.389370	3	0.054946	0.242333	28.510334	0.00	90.74	8.28	0.058789
113	CTTH	2015	-0.011399	0.643125	19	0.195004	-0.023385	27.129596	37.00	5.82	41.21	0.034573
114	DEWA	2015	-0.043729	0.644978	8	0.090866	0.070527	29.273495	0.00	39.29	60.71	0.045931
115	DSFI	2015	-0.042388	1.933456	15	0.055583	0.111529	26.434530	74.03	0.00	25.88	0.108619
116	DSNG	2015	-0.009786	0.585294	2	0.374919	0.030455	29.691952	70.07	10.80	19.07	0.032802
117	ELSA	2015	-0.004718	0.787217	7	0.067148	0.096252	29.114332	58.91	0.00	41.08	0.033260
118	ESSA	2015	-0.007512	0.362609	3	0.186657	-0.022471	28.979051	59.09	0.00	40.91	0.040791
119	GEMS	2015	0.011404	1.234370	4	0.130759	-0.021588	29.264588	0.00	96.99	3.00	0.042481
120	ITMG	2015	-0.136799	1.151668	8	0.049988	0.158112	30.423866	5.04	65.14	29.79	0.010000
121	LSIP	2015	0.001101	0.383347	19	0.106190	0.096000	29.811302	59.50	0.00	40.40	0.051015
122	MBAP	2015	-0.046888	2.530478	2	0.000719	0.269978	28.044827	90.00	0.00	10.00	0.000000
123	MYOH	2015	-0.010124	1.208974	15	0.182965	0.259201	28.434833	0.00	74.23	25.77	0.002428
124	PSAB	2015	-0.059372	0.217051	8	0.125574	0.132503	30.076578	0.00	92.60	7.40	0.113058
125	PTBA	2015	0.010569	0.796458	13	0.039669	0.112334	30.457982	65.02	0.00	26.47	0.077804
126	RUIS	2015	0.096128	1.066703	9	0.060802	0.226531	27.718807	39.92	27.53	32.55	0.123431

127	SGRO	2015	-0.030151	0.523550	8	0.291005	0.018673	29.618165	5.85	68.53	25.62	0.004117
128	SIMP	2015	-0.018518	0.392633	4	0.181146	0.052540	31.087248	0.00	0.00	0.00	0.080054
129	SSMS	2015	-0.006599	0.341554	2	0.363334	0.008766	29.574058	67.41	5.93	26.66	0.059681
130	TBLA	2015	0.001841	0.779250	15	0.306008	-0.040853	29.859289	54.29	0.00	45.63	0.030801
131	TINS	2015	-0.009980	0.580391	20	0.098027	0.125105	29.858848	65.00	0.00	35.00	0.031869
132	TOBA	2015	-0.051782	1.165470	3	0.170198	0.080502	28.995208	83.14	0.00	12.47	0.038826
133	ACST	2015	-0.084990	0.968242	2	0.000032	-0.036269	12.285444	68.20	0.00	31.00	0.128549
134	ASGR	2015	-0.039808	1.471019	26	0.001609	0.139203	12.257698	76.87	0.00	23.13	0.686379
135	ASSA	2015	-0.022562	0.659820	3	0.449252	-0.090480	12.461344	44.11	15.73	37.43	0.094598
136	BEST	2015	0.550952	1.605131	3	2.562960	0.150633	11.665704	48.13	10.00	41.80	0.044936
137	BIRD	2015	-0.039009	0.557307	2	0.179104	0.206288	12.854492	37.17	33.44	15.05	0.111916
138	CMNP	2015	-0.001813	0.152123	20	0.111249	0.115988	12.791486	49.61	25.00	25.39	0.113817
139	DART	2015	-0.014054	0.163462	15	0.260676	0.001170	12.758902	89.66	0.00	10.34	0.035129
140	DILD	2015	0.044501	0.358774	24	0.143617	-0.100192	13.012355	42.13	0.00	56.91	0.028026
141	DUTI	2015	0.065331	0.134613	21	0.008308	0.065703	12.954961	88.56	0.00	11.44	0.096449
142	GPRA	2015	0.056975	0.297523	8	0.060709	-0.022482	12.197053	72.23	0.00	27.77	0.119510
143	GWSA	2015	0.232244	0.013344	4	0.024932	0.001833	12.832846	79.49	0.00	20.47	0.115186
144	HITS	2015	-0.001479	0.264137	18	0.206401	0.128981	12.299730	81.93	0.00	18.07	0.084727
145	IBST	2015	-0.018004	0.085199	3	0.128345	0.043069	12.620894	70.38	0.00	29.62	0.121413
146	INPP	2015	0.040045	0.239571	11	0.093530	0.012677	12.690290	79.76	18.00	2.07	0.116553
147	ISAT	2015	0.221407	3.386835	21	1.945354	1.575589	12.743420	14.29	65.00	20.71	0.151428
148	JSMR	2015	-0.048024	0.255327	8	0.326649	0.046659	13.564962	70.00	0.00	27.17	0.088050
149	JSPT	2015	0.007115	0.276890	17	0.139145	0.039867	12.564844	87.75	9.52	2.50	0.062092
150	MAMI	2015	-0.003941	0.077174	21	0.132036	0.024321	11.900047	36.64	30.18	43.15	0.049084
151	META	2015	-0.027826	0.146957	14	0.222295	0.003992	12.684863	43.33	0.00	56.67	0.101142
152	MLPT	2015	0.003728	1.114386	2	0.025224	0.124332	12.226133	80.00	0.00	20.00	0.151010
153	MTDL	2015	-0.048931	3.733349	15	0.027413	-0.070821	12.543654	25.28	22.35	50.60	0.084760
154	PGAS	2015	0.049786	0.468640	12	0.398332	0.088627	13.954219	56.97	0.00	43.03	0.041391
155	SAME	2015	0.021380	0.895359	2	0.261263	0.081057	12.080345	84.53	0.00	15.47	0.049678
156	SILO	2015	-0.037160	1.366367	2	0.007716	0.085440	12.475129	70.82	0.00	29.18	1.230658
157	TBIG	2015	0.131916	0.105575	5	0.791292	0.049899	13.357929	52.19	0.00	47.81	0.089046
158	TMAS	2015	0.193691	0.734514	12	0.158247	0.239290	12.250923	80.84	0.00	18.72	0.107576
159	TOWR	2015	-0.586800	0.793138	5	4.415431	1.447045	12.330753	32.72	0.00	67.28	0.050845
160	EMTK	2015	-0.044531	0.239525	5	0.012923	0.095157	13.243045	28.83	32.81	20.84	0.165479
161	LINK	2015	-0.060763	0.371568	2	0.007071	0.264486	12.647199	34.78	33.45	32.73	0.721079
162	SCMA	2015	-0.111668	0.528277	13	0.000203	0.378666	12.659532	61.80	0.00	38.17	0.286012
163	ADES	2016	0.059545	1.176483	12	0.190021	0.155256	11.885066	91.52	0.00	8.48	0.028275
164	ALDO	2016	-0.001705	1.716285	5	0.001818	0.093230	11.613134	62.41	7.66	27.27	0.151827
165	APLI	2016	-0.038407	1.027639	16	0.000000	0.078585	11.582588	58.81	26.55	14.64	0.359309
166	ARNA	2016	-0.004201	0.989922	15	0.048646	0.061960	12.188427	13.97	37.32	48.71	0.160368
167	ASII	2016	0.026276	0.651492	26	0.095816	0.080904	14.418061	5.61	50.11	49.86	0.055719
168	BRAM	2016	-0.012876	0.565654	26	0.096230	0.160350	12.602999	60.21	23.92	5.31	0.212506
169	CPIN	2016	-0.118143	1.368551	25	0.150633	0.171747	13.383905	55.53	0.00	44.47	0.262008

170	GGRM	2016	-0.001617	1.091820	26	0.000000	0.110206	13.799007	0.00	75.55	23.78	0.114333
171	INAI	2016	-0.024116	1.074460	22	0.019832	-0.108138	12.126791	67.25	48.87	22.03	0.050962
172	INCI	2016	0.000419	1.087359	26	0.003361	-0.030777	11.430319	0.00	48.87	51.13	2.212927
173	INDS	2016	0.006972	0.565247	26	0.017679	0.078084	12.393974	88.11	0.00	11.45	0.038610
174	INKP	2016	0.051156	0.348643	26	0.361693	0.023435	13.969131	52.72	0.00	47.26	0.015264
175	INTP	2016	0.110069	0.427026	27	0.001232	0.118061	13.479296	0.00	51.00	49.00	2.575571
176	IPOL	2016	-0.015462	0.641576	6	0.071534	0.027648	12.583243	20.73	52.69	26.68	0.036215
177	JPFA	2016	0.022533	1.415161	27	0.187475	0.144403	13.284454	0.00	62.98	36.84	0.101373
178	KAEF	2016	-0.018250	1.629773	15	0.065628	0.046271	12.663942	90.03	0.00	9.97	0.149088
179	KLBF	2016	0.009490	1.251484	15	0.008828	0.146682	13.182586	56.50	0.00	43.50	2.614901
180	LMSH	2016	-0.024374	1.128574	26	0.000000	0.042200	11.211730	0.00	55.92	44.08	0.792803
181	MYOR	2016	0.001556	1.558336	26	0.160486	0.052173	13.111344	57.07	25.22	15.71	0.119456
182	NIPS	2016	-0.001916	0.680428	15	0.095591	-0.007580	12.249921	59.59	5.33	32.02	0.038458
183	PYFA	2016	-0.003595	1.312265	6	0.005126	0.042216	11.222880	53.85	23.08	23.07	0.068778
184	ROTI	2016	0.004012	0.812469	23	0.341134	0.110670	12.465329	44.25	25.10	30.60	0.090001
185	SKLT	2016	0.018790	2.206803	3	0.063874	0.002888	11.754532	36.00	57.00	7.00	0.037742
186	SRSN	2016	0.068213	0.671897	23	0.016728	0.160108	11.855610	68.01	10.16	9.95	-0.036377
187	TPIA	2016	-0.000597	0.763035	8	0.169950	0.207569	13.459849	45.04	50.74	4.22	0.232132
188	AALI	2016	0.085107	0.546556	19	0.087336	0.097567	30.818453	79.68	0.00	20.32	0.027932
189	ADRO	2016	-0.044594	0.297821	8	0.196316	0.101740	32.111890	43.91	6.18	35.81	0.003120
190	ANJT	2016	-0.043467	0.225843	3	0.200687	0.044448	29.592517	82.74	0.00	7.66	0.003918
191	ARTI	2016	0.012575	0.075426	13	0.223276	0.009707	28.592972	65.43	0.00	34.57	0.096059
192	BISI	2016	-0.008127	0.769072	9	0.021161	0.084859	28.513208	68.33	23.08	8.59	0.000000
193	BSSR	2016	0.016063	1.250866	4	0.012170	0.085526	28.543752	64.74	26.00	8.38	0.049770
194	CTTH	2016	0.005337	0.469838	20	0.151560	-0.013682	27.146451	37.00	5.51	41.53	0.066944
195	DEWA	2016	-0.015687	0.549935	9	0.081752	0.116995	29.272605	0.00	36.08	63.92	0.107416
196	DSFI	2016	-0.000278	1.983665	16	0.041982	0.013347	26.518456	74.03	0.00	25.88	0.018888
197	DSNG	2016	-0.024075	0.443073	3	0.387383	0.048786	29.733119	70.09	10.86	19.02	0.031320
198	ELSA	2016	-0.002758	0.720005	8	0.008098	0.106691	29.063950	56.00	0.00	44.00	0.030353
199	ESSA	2016	-0.000403	0.139977	4	0.112348	-0.016838	29.831840	50.00	0.00	44.65	0.048348
200	GEMS	2016	-0.017650	0.868117	5	0.125473	0.130112	29.262935	0.00	96.99	3.00	0.102267
201	ITMG	2016	-0.043286	0.995684	9	0.051848	0.117918	30.427118	0.00	65.14	31.90	0.010000
202	LSIP	2016	0.004000	0.313750	20	0.109152	0.113284	29.877997	59.48	0.00	40.47	0.046630
203	MBAP	2016	-0.000572	1.328511	3	0.000428	0.304507	28.085738	90.00	0.00	9.28	0.000000
204	MYOH	2016	-0.019786	0.986016	16	0.122238	0.163366	28.321075	0.00	77.75	22.25	0.007660
205	PSAB	2016	-0.037619	0.164763	9	0.171372	0.106200	30.077603	0.00	92.50	7.50	0.110120
206	PTBA	2016	0.000407	0.718036	14	0.040426	0.103804	30.552933	65.02	0.00	26.47	0.062839
207	RUIS	2016	-0.071481	1.056242	10	0.017757	0.165941	27.609933	27.97	33.07	38.96	0.128267
208	SGRO	2016	0.142152	0.368380	9	0.309435	0.027378	29.750702	5.95	69.68	24.37	0.003446
209	SIMP	2016	-0.055043	0.390208	5	0.201089	0.066461	31.113417	0.00	0.00	0.00	0.077184
210	SSMS	2016	-0.025148	0.295648	3	0.309914	0.092013	29.599946	67.41	5.93	26.66	0.050727
211	TBLA	2016	0.008176	0.659172	16	0.269125	0.031307	30.164466	51.25	0.00	48.67	0.062866
212	TINS	2016	-0.012146	0.646159	21	0.087312	0.101809	29.887419	65.00	0.00	35.00	0.029048

213	TOBA	2016	-0.066648	0.772608	4	0.104371	0.116405	28.895685	83.10	0.00	12.50	0.067925
214	ACST	2016	0.034198	1.047184	3	0.000059	-0.090500	12.398491	68.20	0.00	31.00	0.180148
215	ASGR	2016	-0.046880	1.476892	27	0.000000	0.022911	12.236403	76.87	0.00	23.13	2.178571
216	ASSA	2016	-0.015396	0.544744	4	0.457664	-0.001828	12.481415	44.11	15.68	37.48	0.099413
217	BEST	2016	0.688972	1.150550	4	2.403934	0.567633	11.710649	48.13	10.00	41.80	0.000000
218	BIRD	2016	-0.030637	0.509087	3	0.162414	0.158146	12.863359	37.17	33.44	15.84	0.115622
219	CMNP	2016	-0.027047	0.216281	21	0.169645	0.122437	12.899707	76.11	0.00	23.89	0.076726
220	DART	2016	0.000572	0.100213	16	0.294022	0.029595	12.782921	91.13	0.00	8.87	0.036887
221	DILD	2016	0.028298	0.308937	25	0.225950	-0.076187	13.073354	42.14	0.00	57.86	0.039025
222	DUTI	2016	0.076404	0.244413	22	0.003930	-0.018974	12.986423	88.56	0.00	11.44	0.272371
223	GPRA	2016	0.026787	0.252863	9	0.127681	0.019736	12.195711	85.25	0.00	14.75	0.120547
224	GWSA	2016	0.027636	-0.112490	5	0.032043	0.130250	12.842813	79.49	0.00	20.47	0.099303
225	HITS	2016	0.009373	0.437164	19	0.265215	-0.030717	12.349332	81.93	0.00	18.07	0.063200
226	IBST	2016	-0.025969	0.068625	4	0.186655	0.076333	12.736869	70.38	0.00	29.62	0.101694
227	INPP	2016	0.046584	0.083220	12	0.149236	0.027082	12.712292	79.76	18.00	2.16	0.081217
228	ISAT	2016	-0.175739	3.499621	22	3.011214	1.927812	12.706194	14.29	65.00	20.71	0.095068
229	JSMR	2016	-0.040768	0.392549	9	0.283225	0.041963	13.728356	70.00	0.00	27.06	0.043401
230	JSPT	2016	-0.003958	0.205003	18	0.118515	0.083780	12.589976	83.43	9.52	6.82	0.061871
231	MAMI	2016	0.022514	0.085204	22	0.120297	0.022801	11.918668	16.60	35.30	48.10	0.061431
232	META	2016	-0.023143	0.199976	15	0.389967	0.003424	12.742072	43.33	0.00	56.67	0.075620
233	MLPT	2016	-0.020418	0.964595	3	0.067648	0.170747	12.250387	80.00	0.00	20.00	0.079159
234	MTDL	2016	-0.058700	2.674935	16	0.033877	0.179257	12.588386	25.28	22.52	50.43	0.206093
235	PGAS	2016	-0.000189	0.326219	13	0.385075	0.104567	13.966303	56.97	0.00	43.03	0.043982
236	SAME	2016	-0.028985	0.424835	3	0.299597	0.085302	12.161939	84.53	0.00	15.47	0.094329
237	SILO	2016	-0.069808	1.650386	3	0.027262	0.056898	12.624869	67.63	0.00	32.35	0.216825
238	TBIG	2016	0.020333	0.070655	6	0.757486	0.088918	13.373285	55.60	0.00	43.12	0.100075
239	TMAS	2016	0.128506	0.718003	13	0.211592	0.155358	12.402375	80.84	0.00	18.72	0.086694
240	TOWR	2016	-0.372100	0.748405	6	3.357984	1.378719	12.398378	32.72	0.00	67.28	0.066212
241	EMTK	2016	-0.082467	0.353100	6	0.002920	0.058201	13.310422	32.78	45.81	16.89	0.149025
242	LINK	2016	-0.059357	0.315795	3	0.025778	0.307145	12.703724	40.03	34.40	25.57	0.254809
243	SCMA	2016	-0.117995	0.686203	14	0.000098	0.288544	12.683102	60.67	0.00	39.30	0.137649
244	ADES	2017	-0.000413	0.947636	13	0.145523	0.103779	11.924401	91.52	0.00	8.48	0.063818
245	ALDO	2017	0.000673	1.696277	6	0.036716	0.025479	11.697841	62.41	7.66	27.27	0.103114
246	APLI	2017	-0.044476	0.970904	17	0.000000	0.027351	11.600645	58.80	26.73	14.47	0.238981
247	ARNA	2017	-0.006400	0.963822	16	0.037780	0.153370	12.204485	13.98	37.32	48.70	0.323582
248	ASII	2017	0.019369	0.678116	27	0.106188	0.096362	14.470772	5.61	50.11	49.86	0.080437
249	BRAM	2017	-0.013140	0.726525	27	0.088212	0.078001	12.616719	60.70	23.92	4.81	0.278888
250	CPIN	2017	0.009090	1.972441	26	0.122547	0.066244	13.389566	55.53	0.00	44.47	0.128937
251	GGRM	2017	-0.004577	1.193001	27	0.000000	0.122897	13.824516	0.00	75.55	23.78	0.130154
252	INAI	2017	-0.001695	0.691174	23	0.000000	0.045127	12.084189	67.25	48.87	22.01	0.026282
253	INCI	2017	-0.000057	0.954883	27	0.001813	0.041172	11.482571	0.00	48.87	51.13	3.679747
254	INDS	2017	-0.010683	0.665139	27	0.010757	0.131541	12.386431	88.11	0.00	11.45	0.592880
255	INKP	2017	0.040493	0.353714	27	0.347474	0.085872	14.015921	52.72	0.00	47.26	0.010901

256	INTP	2017	0.019081	0.385987	28	0.000694	0.096781	13.460352	0.00	51.00	49.00	3.964950
257	IPOL	2017	-0.002069	0.665627	7	0.052732	0.028688	12.592236	25.86	52.69	21.43	0.010121
258	JPFA	2017	-0.041065	1.495897	28	0.250008	0.038178	13.324053	0.00	62.98	36.81	0.104253
259	KAEF	2017	-0.004834	1.321357	16	0.145423	0.005354	12.785056	90.03	0.00	9.97	0.058431
260	KLBF	2017	0.005875	1.188924	16	0.008763	0.125152	13.220533	56.77	0.00	43.23	2.470079
261	LMSH	2017	-0.003662	1.283454	27	0.000000	0.095485	11.207266	0.00	52.86	47.14	1.329742
262	MYOR	2017	-0.002851	1.509365	27	0.149208	0.087962	13.173648	57.07	25.22	15.71	0.124817
263	NIPS	2017	-0.001458	0.620908	16	0.065752	-0.014173	12.278288	50.36	5.33	41.25	0.026644
264	PYFA	2017	-0.001725	1.209557	7	0.000000	0.131174	11.202935	53.85	23.08	23.07	0.294669
265	ROTI	2017	-0.005818	0.757142	24	0.109267	0.061522	12.658924	34.27	36.00	30.60	0.045465
266	SKLT	2017	0.017195	1.605018	4	0.052020	0.003384	11.803651	36.10	57.95	5.95	0.027758
267	SRSN	2017	0.019364	0.607428	24	0.008716	0.131548	11.814731	32.80	50.50	9.94	0.007055
268	TPIA	2017	0.001304	0.951675	9	0.185118	0.121284	13.608435	41.51	45.32	13.17	0.164572
269	AALI	2017	-0.014901	0.600530	20	0.135122	0.110573	30.847311	79.68	0.00	20.32	0.023768
270	ADRO	2017	-0.097398	0.364333	9	14.480027	10.673475	27.698838	43.91	6.18	36.35	0.002869
271	ANJT	2017	-0.056237	0.283248	4	0.175601	0.019615	29.671972	82.74	0.00	7.66	0.030340
272	ARTI	2017	0.006466	0.015923	14	0.254554	0.083040	28.549729	44.71	0.00	55.27	0.083763
273	BISI	2017	0.022994	0.711776	10	0.022871	0.225186	28.595087	68.33	23.08	8.59	0.000000
274	BSSR	2017	-0.020400	1.574531	5	0.027458	0.465929	28.680215	64.74	26.00	9.26	0.071419
275	CTTH	2017	-0.003208	0.506827	21	0.157982	-0.113064	27.274706	37.00	5.82	41.53	0.060655
276	DEWA	2017	-0.055473	0.631661	10	0.027516	-0.002360	29.328408	0.00	30.18	69.82	0.160796
277	DSFI	2017	-0.001434	2.058470	17	0.018884	-0.080100	26.624253	74.03	0.00	25.88	0.086919
278	DSNG	2017	-0.019074	0.496735	4	0.371927	0.131353	29.751612	70.95	10.86	18.19	0.047779
279	ELSA	2017	0.005707	1.093671	9	0.009406	0.081448	29.211106	56.00	0.00	44.00	0.019957
280	ESSA	2017	-0.005914	0.050416	5	0.103505	-0.000395	30.042725	50.00	27.84	22.14	0.039953
281	GEMS	2017	-0.056253	1.574472	6	0.067360	0.263019	29.713371	0.00	96.99	3.00	0.141148
282	ITMG	2017	-0.061551	1.119510	10	0.053314	0.231183	30.546709	0.00	65.14	31.81	0.010000
283	LSIP	2017	0.003698	0.367486	21	0.123759	0.129505	29.907712	59.51	0.00	40.38	0.054085
284	MBAP	2017	-0.013805	1.599288	4	0.000956	0.430224	28.412483	90.00	0.00	10.00	0.000000
285	MYOH	2017	-0.012245	1.054229	17	0.024147	0.224174	28.245607	0.00	77.75	22.25	0.011128
286	PSAB	2017	-0.023572	0.230443	10	0.235920	0.021918	30.158184	0.00	93.12	6.80	0.070545
287	PTBA	2017	-0.006242	0.918113	15	0.024220	0.109855	30.721494	65.02	0.00	34.98	0.106409
288	RUIS	2017	-0.033757	1.114262	11	0.015549	0.035564	27.589519	32.22	27.53	40.25	0.110177
289	SGRO	2017	-0.027842	0.373683	10	0.288209	0.060868	29.745431	5.68	67.05	23.49	0.000000
290	SIMP	2017	-0.024583	0.424870	6	0.151340	0.059956	31.139510	0.00	0.00	0.00	0.070419
291	SSMS	2017	-0.016390	0.325755	4	0.438667	0.094295	29.895247	66.58	0.00	31.13	0.072267
292	TBLA	2017	0.006640	0.559506	17	0.279312	0.137382	30.271826	54.35	0.00	45.57	0.074990
293	TINS	2017	-0.011832	1.002196	22	0.203118	-0.029676	30.105567	65.00	0.00	35.00	0.033987
294	TOBA	2017	-0.057069	1.099391	5	0.254745	0.055654	29.185626	83.26	0.00	12.35	0.042698
295	ACST	2017	0.056851	1.692779	4	0.018916	-0.228085	12.724806	68.20	0.00	31.00	0.037311
296	ASGR	2017	-0.064771	1.969235	28	0.000000	0.217472	12.382354	76.87	0.00	23.13	0.000000
297	ASSA	2017	-0.012000	0.555794	5	0.412617	0.001784	12.519486	44.25	9.91	40.98	0.086098
298	BEST	2017	0.903840	0.591692	5	1.866296	1.227815	11.757320	48.13	10.00	41.80	0.000000

299	BIRD	2017	-0.015597	0.434182	4	0.075910	0.158682	12.814014	37.17	33.27	16.09	0.173781
300	CMNP	2017	0.000275	0.265465	22	0.271017	0.074455	13.030879	38.26	38.23	23.51	0.031705
301	DART	2017	-0.015398	0.090441	17	0.325462	-0.016143	12.803515	65.97	26.99	7.04	0.027367
302	DILD	2017	0.058526	0.228478	26	0.155505	-0.038358	13.117178	50.98	10.34	38.68	0.054263
303	DUTI	2017	0.053429	0.118085	23	0.025040	0.054299	13.024308	88.56	0.00	11.44	0.043991
304	GPRA	2017	0.018656	0.225583	10	0.094412	0.008496	12.175935	73.51	5.03	21.46	0.141886
305	GWSA	2017	0.026154	0.020218	6	0.033583	-0.007749	12.857384	79.49	0.00	20.47	0.074146
306	HITS	2017	0.034370	0.264614	20	0.273594	0.131820	12.377578	81.83	7.27	7.27	0.066753
307	IBST	2017	0.131601	0.076513	5	0.175177	0.054177	12.803134	70.38	0.00	29.62	0.089015
308	INPP	2017	0.043381	0.021875	13	0.219675	0.072423	12.823990	79.76	18.00	2.16	0.057485
309	ISAT	2017	-0.278962	4.116387	23	3.446078	1.776301	12.704674	14.29	65.00	20.71	0.093465
310	JSMR	2017	-0.045363	0.574501	10	0.361116	0.055007	13.898686	70.00	0.00	26.75	0.029374
311	JSPT	2017	0.001809	0.245959	19	0.124842	0.040145	12.614907	87.75	9.52	2.51	0.051103
312	MAMI	2017	0.021066	0.098010	23	0.105900	0.035464	11.946359	16.60	35.30	48.10	0.105795
313	META	2017	-0.040776	0.137760	16	0.405974	0.005891	12.725936	48.28	0.00	51.72	0.069461
314	MLPT	2017	-0.008421	1.096739	4	0.044645	0.100803	12.272008	89.65	0.00	10.35	0.087413
315	MTDL	2017	-0.033425	2.767998	17	0.025421	0.020679	12.630542	35.83	23.74	40.07	0.077127
316	PGAS	2017	-0.053200	0.334336	14	0.376547	0.102866	13.932022	56.97	0.00	43.03	0.059409
317	SAME	2017	-0.018153	0.488538	4	0.249155	0.038639	12.234197	84.53	0.00	15.47	0.106788
318	SILO	2017	-0.069385	1.333643	4	0.019367	0.029723	12.880600	67.63	0.00	32.35	0.115456
319	TBIG	2017	0.340467	0.117383	7	0.796082	0.048854	13.408168	60.21	0.00	38.71	0.096371
320	TMAS	2017	0.074930	0.740796	14	0.256943	0.044515	12.465142	80.84	0.00	18.72	0.104170
321	TOWR	2017	-0.284179	0.914645	7	3.339246	1.217163	12.398812	48.81	0.00	51.18	0.067507
322	EMTK	2017	-0.080072	0.320636	7	0.004286	0.046829	13.346542	20.80	53.74	20.93	0.248543
323	LINK	2017	-0.063559	0.367769	4	0.016350	0.267068	12.760892	34.81	34.44	30.75	0.326380
324	SCMA	2017	-0.109057	0.635465	15	0.000381	0.258182	12.731251	60.83	0.00	39.14	0.239463

Lampiran 2. Deskriptif Statistik

Deskriptif Data Awal (n=324)

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
BTD	324	-7.110	.904	-.024	.410
TA	324	-.112	41.958	.966	2.374
Age	324	1.000	28.000	12.796	8.276
Leverage	324	.000	14.480	.281	.986
CFO	324	-.228	10.673	.157	.642
Size	324	11.126	32.112	17.949	7.849
Inst	324	.000	91.940	50.344	28.698
Fam	324	.000	96.990	19.705	25.864
Pub	324	.000	69.820	27.664	16.118
COD	324	-.036	12.159	.273	1.030
Valid N (listwise)	324				

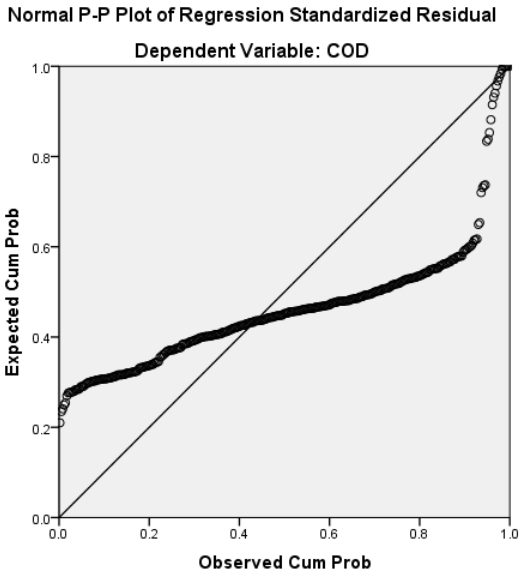
Deskriptif Data Non Outlier (n=324)

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
BTD	289	-7.110	.904	-.026	.434
TA	289	-.112	41.958	.961	2.511
Age	289	1.000	28.000	12.097	7.989
Leverage	289	.000	14.480	.314	1.040
CFO	289	-.228	10.673	.162	.680
Size	289	11.204	32.112	18.631	8.043
Inst	289	.000	91.940	51.605	27.968
Fam	289	.000	96.990	19.254	26.147
Pub	289	.000	69.820	26.802	16.056
COD	289	-.036	.306	.074	.056
Valid N (listwise)	289				

Lampiran 3. Uji Normalitas Data Awal (n=324)

Regresi 1



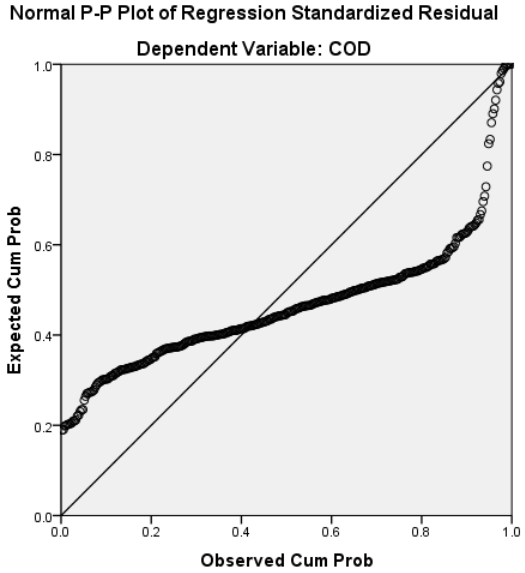
One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual1
N		324
Normal Parameters[a,b]	Mean	0E-7
	Std. Deviation	.99141029
Most Extreme Differences	Absolute	.315
	Positive	.315
	Negative	-.256
Kolmogorov-Smirnov Z		5.666
Asymp. Sig. (2-tailed)		.000

a. Test distribution is Normal.

b. Calculated from data.

Regresi 2



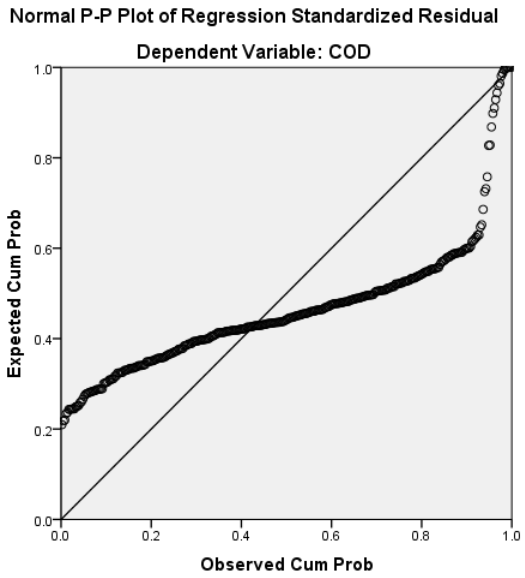
One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual2
N		324
Normal Parameters[a,b]	Mean	0E-7
	Std. Deviation	.97552287
Most Extreme Differences	Absolute	.282
	Positive	.282
	Negative	-.213
Kolmogorov-Smirnov Z		5.075
Asymp. Sig. (2-tailed)		.000

a. Test distribution is Normal.

b. Calculated from data.

Regresi 3



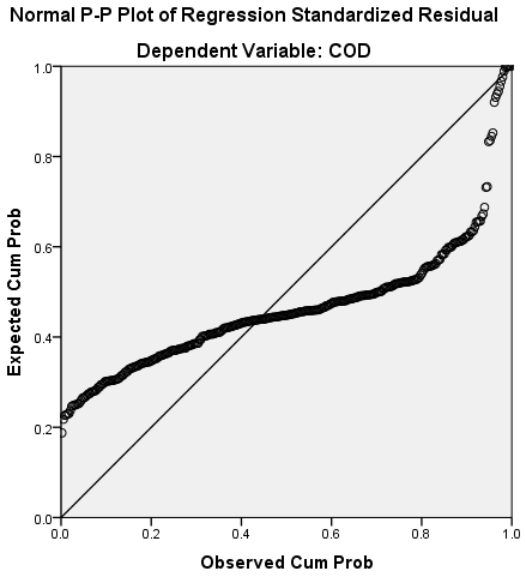
One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual3
N		324
Normal Parameters[a,b]	Mean	0E-7
	Std. Deviation	.98706823
Most Extreme Differences	Absolute	.306
	Positive	.306
	Negative	-.226
Kolmogorov-Smirnov Z		5.504
Asymp. Sig. (2-tailed)		.000

a. Test distribution is Normal.

b. Calculated from data.

Regresi 4



One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual4
N		324
Normal Parameters[a,b]	Mean	0E-7
	Std. Deviation	.98131063
Most Extreme Differences	Absolute	.281
	Positive	.281
	Negative	-.222
Kolmogorov-Smirnov Z		5.054
Asymp. Sig. (2-tailed)		.000

a. Test distribution is Normal.

b. Calculated from data.

Lampiran 4. Deteksi Outlier

Deteksi 1

Regresi 1

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
13	11.410	12.159084	.74012629	11.418957707
91	3.322	4.063077	.73832104	3.324755957
94	9.852	10.627706	.76848095	9.859225054
256	3.198	3.964950	.76412464	3.200825364

a. Dependent Variable: COD

Regresi 2

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
13	11.366	12.159084	.94918931	11.209894690
91	3.071	4.063077	1.03440630	3.028670701
94	9.787	10.627706	.97510774	9.652598260

a. Dependent Variable: COD

Regresi 3

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
13	11.344	12.159084	.83888382	11.320200185
91	3.261	4.063077	.80875999	3.254317014
94	9.780	10.627706	.86795407	9.759751927
256	3.106	3.964950	.86583867	3.099111325

a. Dependent Variable: COD

Regresi 4

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
13	11.457	12.159084	.79276634	11.366317659
91	3.134	4.063077	.95384563	3.109231371
94	9.890	10.627706	.81579674	9.811909258
256	3.077	3.964950	.91225868	3.052691315

a. Dependent Variable: COD

Deteksi 2

Regresi 1

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
3	3.602	1.848994	.29889269	1.550101305
4	6.136	2.957773	.31735112	2.640421884
17	4.335	2.171068	.30565474	1.865413255
98	3.148	1.662497	.30769440	1.354802603
172	4.349	2.212927	.34156787	1.871359135
175	5.145	2.575571	.36171275	2.213858247
179	5.370	2.614901	.30403590	2.310865099
215	4.235	2.178571	.35590121	1.822669791
253	7.701	3.679747	.36589294	3.313854064
260	5.035	2.470079	.30328167	2.166797329

a. Dependent Variable: COD

Regresi 2

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
3	3.641	1.848994	.29560989	1.553384107
4	6.064	2.957773	.37101099	2.586762009
17	4.389	2.171068	.29855540	1.872512598
98	3.194	1.662497	.29985206	1.362644944
172	4.144	2.212927	.44524183	1.767685172
175	4.949	2.575571	.46413862	2.111432383
179	5.438	2.614901	.29488851	2.320012491
215	4.437	2.178571	.28552308	1.893047915
253	7.526	3.679747	.46920940	3.210537596
260	5.105	2.470079	.29243444	2.177644564

a. Dependent Variable: COD

Regresi 3

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
3	3.597	1.848994	.29844472	1.550549281
4	6.124	2.957773	.31840407	2.639368935

17	4.325	2.171068	.30674829	1.864319710
98	3.141	1.662497	.30877348	1.353723518
172	4.345	2.212927	.34028465	1.872642351
175	5.139	2.575571	.36038203	2.215188966
179	5.359	2.614901	.30511435	2.309786645
215	4.226	2.178571	.35708271	1.821488286
253	7.691	3.679747	.36464099	3.315106005
260	5.025	2.470079	.30434830	2.165730700

a. Dependent Variable: COD

Regresi 4

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
3	3.824	1.848994	.23718554	1.611808462
4	5.957	2.957773	.44656595	2.511207052
17	4.147	2.171068	.42300376	1.748064241
172	4.187	2.212927	.44796731	1.764959689
175	5.011	2.575571	.46334826	2.112222742
179	5.224	2.614901	.41266196	2.202239044
215	4.459	2.178571	.29908148	1.879489524
253	7.601	3.679747	.47564444	3.204102556
260	4.898	2.470079	.40535100	2.064727999

a. Dependent Variable: COD

Deteksi 3

Regresi 1

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
10	4.623	.849879	.14850209	.701376915
18	4.971	.917752	.16350815	.754243848
75	4.265	.805445	.15843382	.647011184
81	3.139	.660817	.18462170	.476195302
134	3.422	.686379	.16718374	.519195256
156	7.081	1.230658	.15639219	1.074265809
161	3.537	.721079	.18438985	.536689151
180	4.148	.792803	.16350460	.629298404
261	7.658	1.329742	.16785934	1.161882662

a. Dependent Variable: COD

Regresi 2

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
10	4.395	.849879	.18975326	.660125743
18	4.753	.917752	.20376096	.713991040
75	4.403	.805445	.14401381	.661431188
81	3.194	.660817	.18103786	.479779141
134	3.620	.686379	.14266825	.543710748
156	7.209	1.230658	.14788309	1.082774906
161	3.413	.721079	.20840757	.512671435
180	3.920	.792803	.20395202	.588850980
254	3.046	.592880	.13538278	.457497215
261	7.471	1.329742	.20751591	1.122226085

a. Dependent Variable: COD

Regresi 3

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
10	4.576	.849879	.15525866	.694620336
18	4.905	.917752	.17323783	.744514172
75	4.298	.805445	.15306777	.652377231
81	3.177	.660817	.17866739	.482149614
134	3.472	.686379	.15945391	.526925090
156	7.114	1.230658	.15083723	1.079820770
161	3.502	.721079	.18952853	.531550472
180	4.081	.792803	.17344953	.619353473
261	7.599	1.329742	.17633303	1.153408967

a. Dependent Variable: COD

Regresi 4

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
10	4.445	.849879	.18207996	.667799038
18	4.885	.917752	.18388850	.733863502
75	4.279	.805445	.16267613	.642768869
134	3.518	.686379	.15786054	.528518465
156	7.047	1.230658	.17193087	1.058727127
161	3.408	.721079	.20913683	.511942170
180	4.055	.792803	.18364520	.609157797
254	3.018	.592880	.13952038	.453359619
261	7.565	1.329742	.19333576	1.136406241

a. Dependent Variable: COD

Deteksi 4

Regresi 1

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
85	3.924	.370031	.11234594	.257685065
99	5.470	.465682	.10647628	.359205719
165	3.732	.359309	.11419617	.245112828
247	3.200	.323582	.11340953	.210172466

a. Dependent Variable: COD

Regresi 2

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
85	3.794	.370031	.12261312	.247417883
99	5.261	.465682	.12264711	.343034891
165	3.776	.359309	.11307715	.246231854
247	3.024	.323582	.12641408	.197167919

a. Dependent Variable: COD

Regresi 3

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
85	3.946	.370031	.11060034	.259430662
99	5.416	.465682	.10958344	.356098557
165	3.719	.359309	.11476423	.244544766
247	3.175	.323582	.11484699	.208735006

a. Dependent Variable: COD

Regresi 4

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
85	3.756	.370031	.12415254	.245878460
99	5.401	.465682	.11207236	.353609642
165	3.811	.359309	.10978296	.249526043
247	3.052	.323582	.12379256	.199789441

a. Dependent Variable: COD

Deteksi 5

Regresi 1

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
97	3.076	.275226	.09846323	.176762766
222	3.205	.272371	.08817797	.184193031
249	3.344	.278888	.08674791	.192140094
264	3.091	.294669	.11706680	.177602201
323	3.412	.326380	.13030115	.196078847

a. Dependent Variable: COD

Regresi 2

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
97	3.177	.275226	.09285198	.182374017
169	3.012	.262008	.08910377	.172904231
222	3.307	.272371	.08256842	.189802576
249	3.375	.278888	.08516045	.193727552
264	3.077	.294669	.11806137	.176607632
323	3.337	.326380	.13483206	.191547937

a. Dependent Variable: COD

Regresi 3

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
97	3.078	.275226	.09807463	.177151372
222	3.206	.272371	.08785866	.184512339
249	3.337	.278888	.08681292	.192075085
264	3.085	.294669	.11712386	.177545141
323	3.401	.326380	.13060576	.195774237

a. Dependent Variable: COD

Regresi 4

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
97	3.126	.275226	.09553082	.179695179
222	3.270	.272371	.08440363	.187967365
249	3.438	.278888	.08130038	.197587622
264	3.077	.294669	.11782542	.176843581
323	3.360	.326380	.13327692	.193103075

a. Dependent Variable: COD

Deteksi 6

Regresi 1

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
16	3.210	.256183	.09166271	.164520292

a. Dependent Variable: COD

Regresi 2

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
16	3.367	.256183	.08432755	.171855450

a. Dependent Variable: COD

Regresi 3

Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
16	3.229	.256183	.09043232	.165750679

a. Dependent Variable: COD

Regresi 4

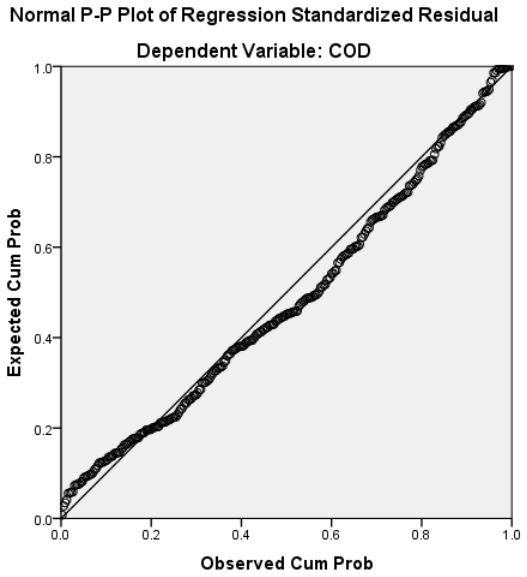
Casewise Diagnostics[a]

Case Number	Std. Residual	COD	Predicted Value	Residual
16	3.296	.256183	.08756171	.168621293

a. Dependent Variable: COD

Lampiran 5. Uji Normalitas Data Non Outlier (n=289)

Regresi 1



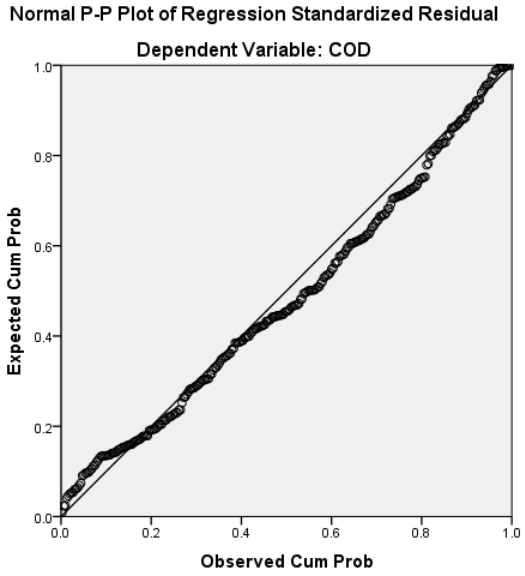
One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual1
N		289
Normal Parameters[a,b]	Mean	0E-7
	Std. Deviation	.04986558
Most Extreme Differences	Absolute	.074
	Positive	.074
	Negative	-.043
Kolmogorov-Smirnov Z		1.257
Asymp. Sig. (2-tailed)		.085

a. Test distribution is Normal.

b. Calculated from data.

Regresi 2



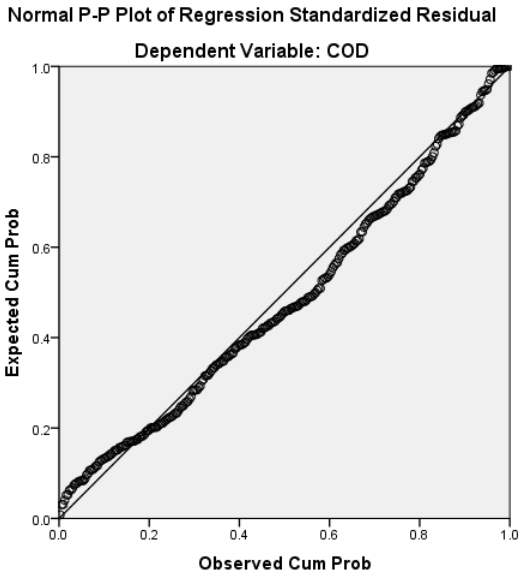
One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual2
N		289
Normal Parameters[a,b]	Mean	0E-7
	Std. Deviation	.04945972
Most Extreme Differences	Absolute	.065
	Positive	.065
	Negative	-.044
Kolmogorov-Smirnov Z		1.106
Asymp. Sig. (2-tailed)		.173

a. Test distribution is Normal.

b. Calculated from data.

Regresi 3



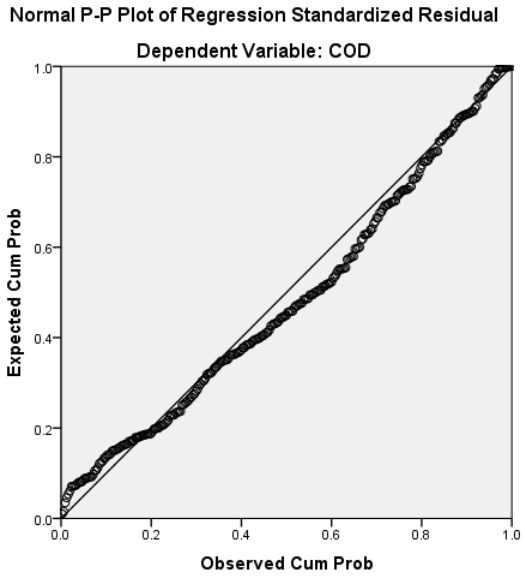
One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual3
N		289
Normal Parameters[a,b]	Mean	0E-7
	Std. Deviation	.04982970
Most Extreme Differences	Absolute	.072
	Positive	.072
	Negative	-.040
Kolmogorov-Smirnov Z		1.227
Asymp. Sig. (2-tailed)		.098

a. Test distribution is Normal.

b. Calculated from data.

Regresi 4



One-Sample Kolmogorov-Smirnov Test

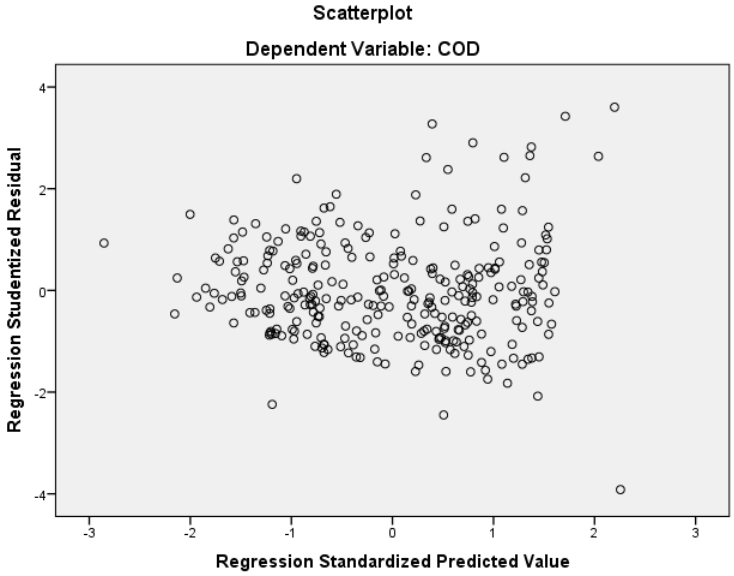
		Unstandardized Residual4
N		289
Normal Parameters[a,b]	Mean	0E-7
	Std. Deviation	.04962656
Most Extreme Differences	Absolute	.078
	Positive	.078
	Negative	-.047
Kolmogorov-Smirnov Z		1.332
Asymp. Sig. (2-tailed)		.057

a. Test distribution is Normal.

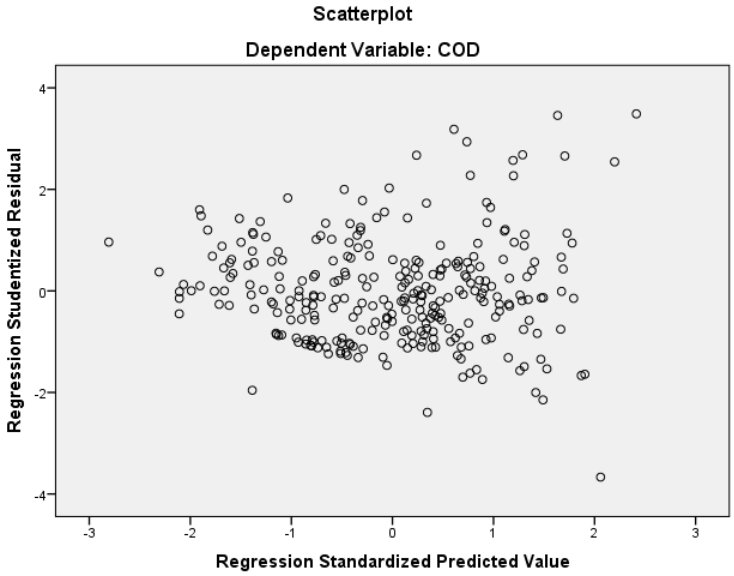
b. Calculated from data.

Lampiran 6. Uji Heteroskedastisitas Data Non Outlier (n=289)

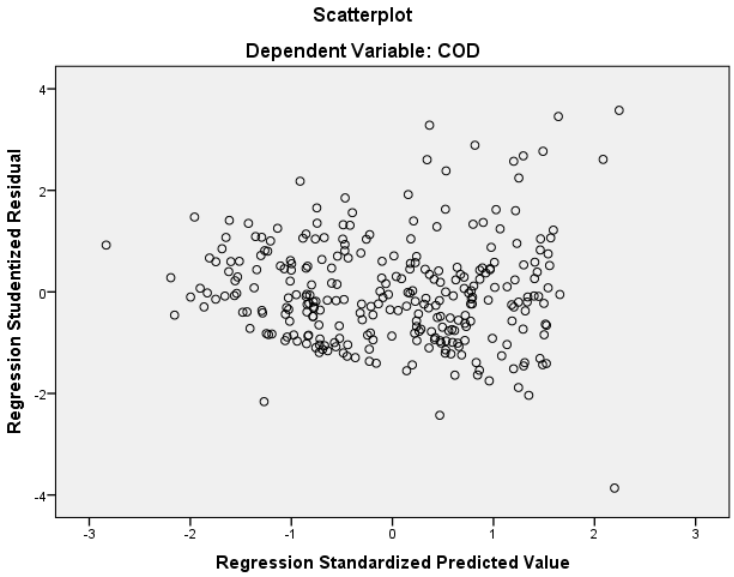
Regresi 1



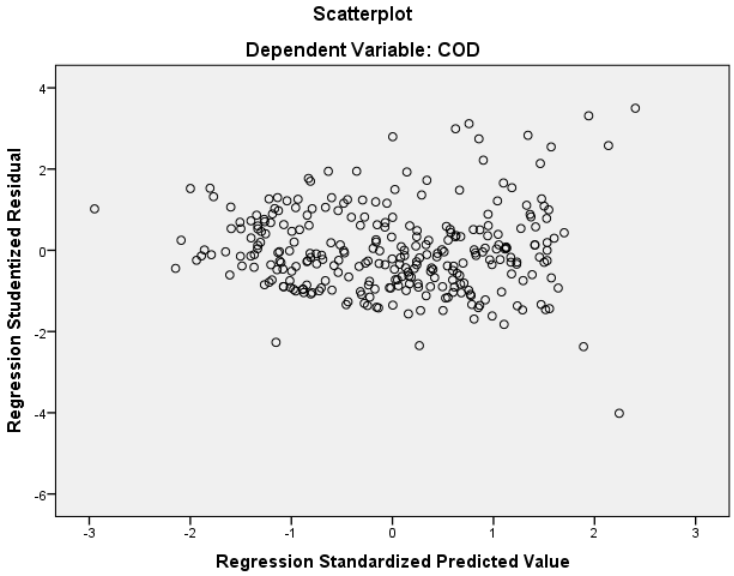
Regresi 2



Regresi 3



Regresi 4



Lampiran 7. Uji Multikolinieritas Data Non Outlier (n=289)

Regresi 1

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	.152	.011		14.141	.000		
	BTD	-.047	.020	-.363	-2.326	.021	.117	8.545
	TA	-.006	.003	-.273	-1.755	.080	.118	8.449
	Age	-.001	.0004	-.188	-3.402	.001	.941	1.063
	Leverage	-.032	.008	-.591	-3.851	.000	.122	8.226
	CFO	.041	.012	.505	3.300	.001	.122	8.184
	Size	-.003	.0004	-.427	-7.545	.000	.894	1.119

a. Dependent Variable: COD

Regresi 2

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	.170	.013		12.655	.000		
	BTD	-.048	.020	-.377	-2.426	.016	.117	8.559
	TA	-.007	.003	-.302	-1.947	.053	.117	8.514
	Age	-.001	.0004	-.204	-3.691	.000	.922	1.085
	Leverage	-.033	.008	-.613	-4.014	.000	.121	8.265
	CFO	.042	.012	.516	3.395	.001	.122	8.194
	Size	-.003	.0004	-.450	-7.864	.000	.861	1.161
	Inst	-.0002	.0001	-.119	-2.152	.032	.927	1.079

a. Dependent Variable: COD

Regresi 3

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	.152	.011		13.988	.000		
	BTD	-.047	.020	-.370	-2.361	.019	.116	8.585
	TA	-.006	.003	-.287	-1.826	.069	.116	8.624
	Age	-.001	.0004	-.190	-3.432	.001	.937	1.068
	Leverage	-.031	.008	-.579	-3.740	.000	.120	8.350
	CFO	.040	.013	.493	3.194	.002	.120	8.307
	Size	-.003	.0004	-.429	-7.563	.000	.889	1.124
	Fam	.0001	.0001	.036	.636	.525	.917	1.090

a. Dependent Variable: COD

Regresi 4

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	.147	.011		13.019	.000		
	BTD	-.047	.020	-.367	-2.357	.019	.117	8.547
	TA	-.006	.003	-.269	-1.735	.084	.118	8.451
	Age	-.001	.0004	-.211	-3.715	.000	.882	1.134
	Leverage	-.036	.009	-.675	-4.186	.000	.109	9.158
	CFO	.047	.013	.576	3.634	.000	.113	8.845
	Size	-.003	.0004	-.434	-7.670	.000	.889	1.125
	Pub	.0003	.0002	.095	1.647	.101	.845	1.183

a. Dependent Variable: COD

Lampiran 8. Uji Autokorelasi Data Non Outlier (n=289)

Regresi 1

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.440[a]	.194	.177	.050393275	1.895

a. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD

b. Dependent Variable: COD

Regresi 2

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.455[a]	.207	.187	.050071978	1.881

a. Predictors: (Constant), Inst, CFO, Age, BTD, Size, Leverage, TA

b. Dependent Variable: COD

Regresi 3

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.442[a]	.195	.175	.050446540	1.890

a. Predictors: (Constant), Fam, Leverage, Age, BTD, Size, CFO, TA

b. Dependent Variable: COD

Regresi 4

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.449[a]	.201	.182	.050240877	1.911

a. Predictors: (Constant), Pub, Size, CFO, TA, Age, BTD, Leverage

b. Dependent Variable: COD

Lampiran 9. Hasil Regresi 1 Data Non Oulier (n=289)

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Size, CFO, TA, Age, Leverage, BTD[b]	.	Enter

a. Dependent Variable: COD

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.440[a]	.194	.177	.050393275

a. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.172	6	.029	11.297	.000[b]
	Residual	.716	282	.003		
	Total	.888	288			

a. Dependent Variable: COD

b. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.152	.011		14.141	.000
	BTD	-.047	.020	-.363	-2.326	.021
	TA	-.006	.003	-.273	-1.755	.080
	Age	-.001	.0004	-.188	-3.402	.001
	Leverage	-.032	.008	-.591	-3.851	.000
	CFO	.041	.012	.505	3.300	.001
	Size	-.003	.0004	-.427	-7.545	.000

a. Dependent Variable: COD

Lampiran 10. Hasil Regresi 1 dan 2 Data Non Oulier (n=289)

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Size, CFO, TA, Age, Leverage, BTD[b]	.	Enter
2	Inst[b]	.	Enter

a. Dependent Variable: COD

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.440[a]	.194	.177	.050393275	.194	11.297	6	282	.000
2	.455[b]	.207	.187	.050071978	.013	4.631	1	281	.032

a. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD

b. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD, Inst

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.172	6	.029	11.297	.000[b]
	Residual	.716	282	.003		
	Total	.888	288			
2	Regression	.184	7	.026	10.470	.000[c]
	Residual	.705	281	.003		
	Total	.888	288			

a. Dependent Variable: COD

b. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD

c. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD, Inst

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.152	.011		14.141	.000
	BTD	-.047	.020	-.363	-2.326	.021
	TA	-.006	.003	-.273	-1.755	.080
	Age	-.001	.0004	-.188	-3.402	.001
	Leverage	-.032	.008	-.591	-3.851	.000
	CFO	.041	.012	.505	3.300	.001
	Size	-.003	.0004	-.427	-7.545	.000
2	(Constant)	.170	.013		12.655	.000
	BTD	-.048	.020	-.377	-2.426	.016
	TA	-.007	.003	-.302	-1.947	.053
	Age	-.001	.0004	-.204	-3.691	.000
	Leverage	-.033	.008	-.613	-4.014	.000
	CFO	.042	.012	.516	3.395	.001
	Size	-.003	.0004	-.450	-7.864	.000
	Inst	-.0002	.0001	-.119	-2.152	.032

a. Dependent Variable: COD

Lampiran 11. Hasil Regresi 1 dan 3 Data Non Oulier (n=289)

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Size, CFO, TA, Age, Leverage, BTD[b]	.	Enter
2	Fam[b]	.	Enter

a. Dependent Variable: COD

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.440[a]	.194	.177	.050393275	.194	11.297	6	282	.000
2	.442[b]	.195	.175	.050446540	.001	.405	1	281	.525

a. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD

b. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD, Fam

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.172	6	.029	11.297	.000[b]
	Residual	.716	282	.003		
	Total	.888	288			
2	Regression	.173	7	.025	9.721	.000[c]
	Residual	.715	281	.003		
	Total	.888	288			

a. Dependent Variable: COD

b. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD

c. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD, Fam

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.152	.011		14.141	.000
	BTD	-.047	.020	-.363	-2.326	.021
	TA	-.006	.003	-.273	-1.755	.080
	Age	-.001	.0004	-.188	-3.402	.001
	Leverage	-.032	.008	-.591	-3.851	.000
	CFO	.041	.012	.505	3.300	.001
	Size	-.003	.0004	-.427	-7.545	.000
2	(Constant)	.152	.011		13.988	.000
	BTD	-.047	.020	-.370	-2.361	.019
	TA	-.006	.003	-.287	-1.826	.069
	Age	-.001	.0004	-.190	-3.432	.001
	Leverage	-.031	.008	-.579	-3.740	.000
	CFO	.040	.013	.493	3.194	.002
	Size	-.003	.0004	-.429	-7.563	.000
	Fam	.0001	.0001	.036	.636	.525

a. Dependent Variable: COD

Lampiran 12. Hasil Regresi 1 dan 4 Data Non Oulier (n=289)

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Size, CFO, TA, Age, Leverage, BTD[b]	.	Enter
2	Pub[b]	.	Enter

a. Dependent Variable: COD

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.440[a]	.194	.177	.050393275	.194	11.297	6	282	.000
2	.449[b]	.201	.182	.050240877	.008	2.713	1	281	.101

a. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD

b. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD, Pub

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.172	6	.029	11.297	.000[b]
	Residual	.716	282	.003		
	Total	.888	288			
2	Regression	.179	7	.026	10.130	.000[c]
	Residual	.709	281	.003		
	Total	.888	288			

a. Dependent Variable: COD

b. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD

c. Predictors: (Constant), Size, CFO, TA, Age, Leverage, BTD, Pub

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.152	.011		14.141	.000
	BTD	-.047	.020	-.363	-2.326	.021
	TA	-.006	.003	-.273	-1.755	.080
	Age	-.001	.0004	-.188	-3.402	.001
	Leverage	-.032	.008	-.591	-3.851	.000
	CFO	.041	.012	.505	3.300	.001
	Size	-.003	.0004	-.427	-7.545	.000
2	(Constant)	.147	.011		13.019	.000
	BTD	-.047	.020	-.367	-2.357	.019
	TA	-.006	.003	-.269	-1.735	.084
	Age	-.001	.0004	-.211	-3.715	.000
	Leverage	-.036	.009	-.675	-4.186	.000
	CFO	.047	.013	.576	3.634	.000
	Size	-.003	.0004	-.434	-7.670	.000
	Pub	.0003	.0002	.095	1.647	.101

a. Dependent Variable: COD