LAMPIRAN

Lampiran 1

Daftar perusahaan sub sektor telekomunikasi yang terdaftar di BursaEfek Indonesia

No.	Kode Perusahaan	Nama Perusahaan
1.	TLKM	PT. Telekomunikasi Indonesia Tbk
2.	EXCL	PT. XL Axiata Tbk
3.	ISAT	PT. Indosat Tbk
4.	FREN	PT. Smartfren Telecom Tbk
5.	BTEL	PT. Bakrie Telecom Tbk

Lampiran 2

Perhitungan rasio keuangan perusahaan Telekomunikasi yang trdaftar di Bursa Efek Indonesia Tahun 2014-2017

1. Rasio Likuiditas

	Perusahaan/Tahun		Current Ratio	Cash Ratio
Likuiditas (X1)	TLKM	2014	106,22	0,5560
		2015	135,3	0,7940
		2016	119,97	0,7486
		2017	119,12	0,5822
	EXCL	2014	86,44	0,4514
		2015	64,46	0,2103
		2016	47,02	0,0967
		2017	47,16	0,2175
	ISAT	2014	40,63	0,1646
		2015	49,46	0,1807
		2016	42,30	0,0969
		2017	61,41	0,1253
	FREN	2014	31,02	110,6788
		2015	53,08	23,7614
		2016	45,3	39,2894
		2017	29,81	83,8191
	BTEL	2014	2.51	0,9615
		2015	-	-
		2016	-	-
		2017	0.12	41,5774

Sumber : Bursa Efek Indonesia

2. Rasio Profitabilitas

	Perusahaan/Tahun		ROA	ROE
Profitabilitas (X2)	TLKM	2014	15,22	24,90
		2015	14,03	24,96
		2016	16,24	27,64
		2017	13,65	23,53
	EXCL	2014	-1,40	-6,38
		2015	-0,04	-0,18
		2016	0,68	1,77
		2017	0,67	1,73
	ISAT	2014	-3,49	-13,09
		2015	-2,10	-8,77
		2016	2,51	9,00
		2017	2,59	8,28
	FREN	2014	-7,77	-34,81
		2015	-7,56	-22,86
		2016	-8,66	-33,64
		2017	-12,62	-63,48
	BTEL	2014	-37,84	74,03
		2015	-	-
		2016	-	-
		2017	-52.00	4.44

Sumber : Bursa Efek Indonesia

3. Rasio Solvabilitas

	Perusahaan/Tahun		DAR	DER
Solvabilitas (X3)	TKLM	2014	0,39	0,64
		2015	0,4	0,78
		2016	0,41	0,70
		2017	0,42	0,72
	EXCL	2014	0,78	3,56
		2015	0,76	3,18
		2016	0,61	1,59
		2017	0,62	1.60
	ISAT	2014	0,73	2,75
		2015	0,76	3,18
		2016	0,72	2,59
		2017	0,69	2,19
	FREN	2014	0,78	3,48
		2015	0,67	2,02
		2016	0,74	2,89
		2017	0,80	4,03
	BTEL	2014	1.51	-2.96
		2015	-	-
		2016	-	-
		2017	12.72	-1,09

Sumber : Bursa Efek Indonesia

4. Nilai Perusahaan

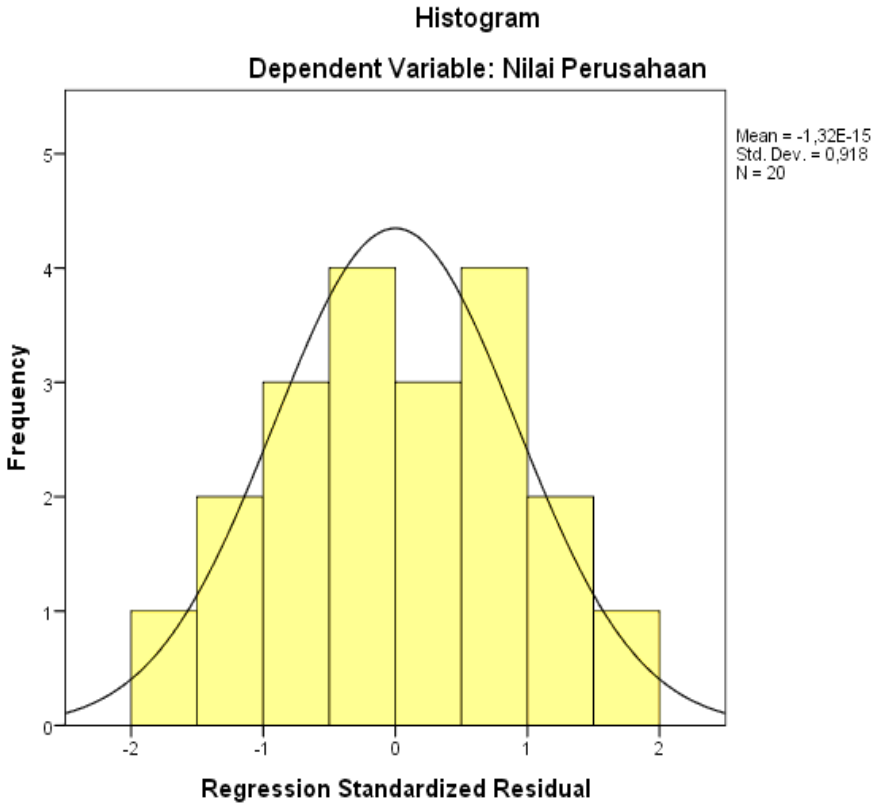
	Perusahaan/Tahun		PBV
Nilai Perusahaan (Y)	TKLM	2014	3,57
		2015	3,35
		2016	4,23
		2017	3,99
	EXCL	2014	2,97
		2015	2,21
		2016	1,18
		2017	1,46
	ISAT	2014	1,48
		2015	2,25
		2016	2,48
		2017	1,76
	FREN	2014	0,52
		2015	0,77
		2016	0,99
		2017	0,56
	BTEL	2014	-0,46
		2015	-0,20
		2016	-0,12
		2017	-0,13

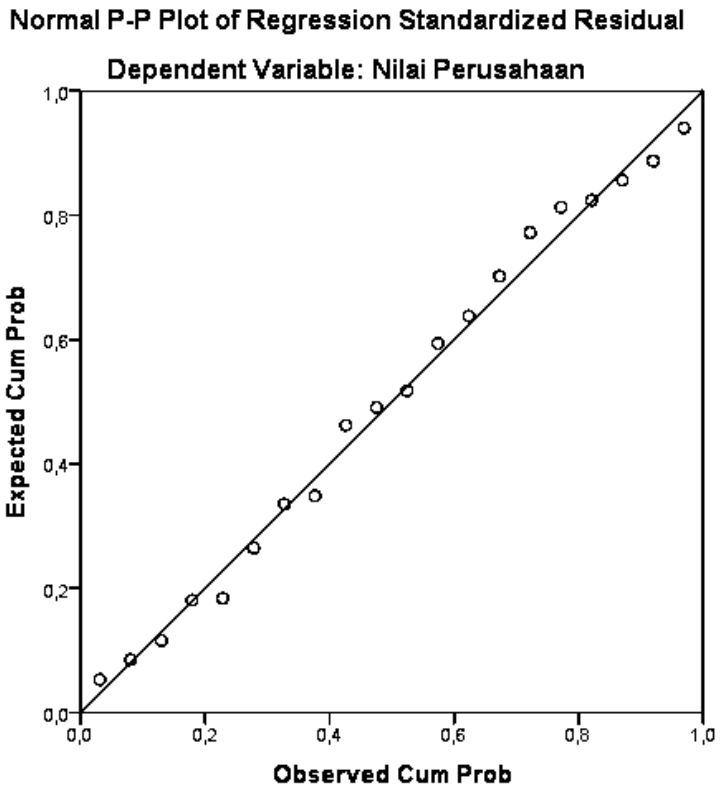
Sumber : Bursa Efek Indonesia

Lampiran 3

Uji Asumsi Klasik

1. Uji Normalitas





1. Uji Multikolinieritas

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations			Collinearity Statistics	
		B	Std. Error	Beta			Zero-order	Partial	Part	Tolerance	VIF
1	(Constant)	-,359	,192		-1,867	,080					
	CR	,028	,003	,784	8,523	,000	,939	,905	,610	,605	1,653
	ROE	,018	,007	,362	2,527	,022	,254	,534	,181	,249	4,013
	DER	,309	,117	,376	2,655	,017	,241	,553	,190	,255	3,927

a. Dependent Variable: PBV

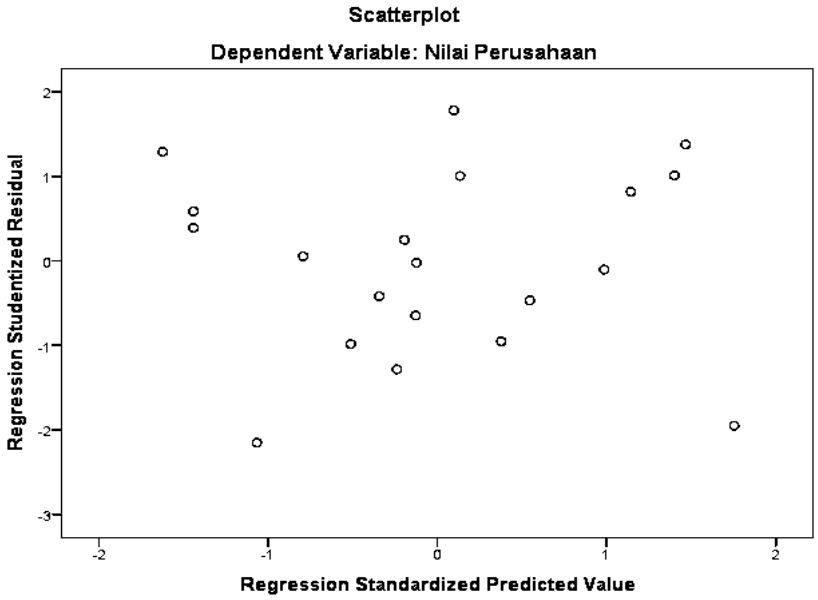
1. Uji Autokolerasi

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics					Durbin-Watson
					R Square Change	F Change	df1	df2	Sig. F Change	
1	,958[a]	,918	,903	,45210	,918	59,838	3	16	,000	1,772

a. Predictors: (Constant), DER, CR, ROE
b. Dependent Variable: PBV

2. Uji Heteroskedasitas



Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	-,359	,192		-1,867	,080		
	CR	,028	,003	,784	8,523	,000	,605	1,653
	ROE	,018	,007	,362	2,527	,022	,249	4,013
	DER	,309	,117	,376	2,655	,017	,255	3,927

a. Dependent Variable: PBV

Lampiran 4

Analisis Regresi Linier Berganda

Coefficients[a]

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations			Collinearity Statistics	
	B	Std. Error	Beta			Zero-order	Partial	Part	Tolerance	VIF
1 (Constant)	-,359	,192		-1,867	,080					
CR	,028	,003	,784	8,523	,000	,939	,905	,610	,605	1,653
ROE	,018	,007	,362	2,527	,022	,254	,534	,181	,249	4,013
DER	,309	,117	,376	2,655	,017	,241	,553	,190	,255	3,927

a. Dependent Variable: PBV

Lampiran 5

Uji Hipotesis

1. Koefisien Determinasi

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	,961[a]	,924	,910	,43495	1,887

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations			Collinearity Statistics	
		B	Std. Error	Beta			Zero-order	Partial	Part	Tolerance	VIF
1	(Constant)	-,359	,192		-1,867	,080					
	CR	,028	,003	,784	8,523	,000	,939	,905	,610	,605	1,653
	ROE	,018	,007	,362	2,527	,022	,254	,534	,181	,249	4,013
	DER	,309	,117	,376	2,655	,017	,241	,553	,190	,255	3,927

a. Dependent Variable: PBV

2. Uji T

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations			Collinearity Statistics	
		B	Std. Error	Beta			Zero-order	Partial	Part	Tolerance	VIF
1	(Constant)	-,359	,192		-1,867	,080					
	CR	,028	,003	,784	8,523	,000	,939	,905	,610	,605	1,653
	ROE	,018	,007	,362	2,527	,022	,254	,534	,181	,249	4,013
	DER	,309	,117	,376	2,655	,017	,241	,553	,190	,255	3,927

a. Dependent Variable: PBV

3. Uji F

ANOVA[a]

Model		Sum of Squares	Df	Mean Square	F	Sig.
1	Regression	36,691	3	12,230	59,838	,000[b]
	Residual	3,270	16	,204		
	Total	39,961	19			

a. Dependent Variable: PBV

b. Predictors: (Constant), DER, CR, ROE

Tabel Durbin-Watson (DW), α = 5%

	k=1		k=2		k=3		k=4		k=5	
N	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
6	0.6102	1.4002								
7	0.6996	1.3564	0.4672	1.8964						
8	0.7629	1.3324	0.5591	1.7771	0.3674	2.2866				
9	0.8243	1.3199	0.6291	1.6993	0.4548	2.1282	0.2957	2.5881		
10	0.8791	1.3197	0.6972	1.6413	0.5253	2.0163	0.3760	2.4137	0.2427	2.8217
11	0.9273	1.3241	0.7580	1.6044	0.5948	1.9280	0.4441	2.2833	0.3155	2.6446
12	0.9708	1.3314	0.8122	1.5794	0.6577	1.8640	0.5120	2.1766	0.3796	2.5061
13	1.0097	1.3404	0.8612	1.5621	0.7147	1.8159	0.5745	2.0943	0.4445	2.3897
14	1.0450	1.3503	0.9054	1.5507	0.7667	1.7788	0.6321	2.0296	0.5052	2.2959
15	1.0770	1.3605	0.9455	1.5432	0.8140	1.7501	0.6852	1.9774	0.5620	2.2198
16	1.1062	1.3709	0.9820	1.5386	0.8572	1.7277	0.7340	1.9351	0.6150	2.1567
17	1.1330	1.3812	1.0154	1.5361	0.8968	1.7101	0.7790	1.9005	0.6641	2.1041
18	1.1576	1.3913	1.0461	1.5353	0.9331	1.6961	0.8204	1.8719	0.7098	2.0600
19	1.1804	1.4012	1.0743	1.5355	0.9666	1.6851	0.8588	1.8482	0.7523	2.0226
20	1.2015	1.4107	1.1004	1.5367	0.9976	1.6763	0.8943	1.8283	0.7918	1.9908
21	1.2212	1.4200	1.1246	1.5385	1.0262	1.6694	0.9272	1.8116	0.8286	1.9635
22	1.2395	1.4289	1.1471	1.5408	1.0529	1.6640	0.9578	1.7974	0.8629	1.9400
23	1.2567	1.4375	1.1682	1.5435	1.0778	1.6597	0.9864	1.7855	0.8949	1.9196
24	1.2728	1.4458	1.1878	1.5464	1.1010	1.6565	1.0131	1.7753	0.9249	1.9018
25	1.2879	1.4537	1.2063	1.5495	1.1228	1.6540	1.0381	1.7666	0.9530	1.8863
26	1.3022	1.4614	1.2236	1.5528	1.1432	1.6523	1.0616	1.7591	0.9794	1.8727
27	1.3157	1.4688	1.2399	1.5562	1.1624	1.6510	1.0836	1.7527	1.0042	1.8608

Titik Persentase Distribusi t (df = 1 – 40)

Pr	0.25	0.10	0.05	0.025	0.01	0.005	0.001
Df	0.50	0.20	0.10	0.050	0.02	0.010	0.002
1	1.00000	3.07768	6.31375	12.70620	31.82052	63.65674	318.30884
2	0.81650	1.88562	2.91999	4.30265	6.96456	9.92484	22.32712
3	0.76489	1.63774	2.35336	3.18245	4.54070	5.84091	10.21453
4	0.74070	1.53321	2.13185	2.77645	3.74695	4.60409	7.17318
5	0.72669	1.47588	2.01505	2.57058	3.36493	4.03214	5.89343
6	0.71756	1.43976	1.94318	2.44691	3.14267	3.70743	5.20763
7	0.71114	1.41492	1.89458	2.36462	2.99795	3.49948	4.78529
8	0.70639	1.39682	1.85955	2.30600	2.89646	3.35539	4.50079
9	0.70272	1.38303	1.83311	2.26216	2.82144	3.24984	4.29681
10	0.69981	1.37218	1.81246	2.22814	2.76377	3.16927	4.14370
11	0.69745	1.36343	1.79588	2.20099	2.71808	3.10581	4.02470
12	0.69548	1.35622	1.78229	2.17881	2.68100	3.05454	3.92963
13	0.69383	1.35017	1.77093	2.16037	2.65031	3.01228	3.85198
14	0.69242	1.34503	1.76131	2.14479	2.62449	2.97684	3.78739
15	0.69120	1.34061	1.75305	2.13145	2.60248	2.94671	3.73283
16	0.69013	1.33676	1.74588	2.11991	2.58349	2.92078	3.68615
17	0.68920	1.33338	1.73961	2.10982	2.56693	2.89823	3.64577
18	0.68836	1.33039	1.73406	2.10092	2.55238	2.87844	3.61048
19	0.68762	1.32773	1.72913	2.09302	2.53948	2.86093	3.57940
20	0.68695	1.32534	1.72472	2.08596	2.52798	2.84534	3.55181
21	0.68635	1.32319	1.72074	2.07961	2.51765	2.83136	3.52715
22	0.68581	1.32124	1.71714	2.07387	2.50832	2.81876	3.50499
23	0.68531	1.31946	1.71387	2.06866	2.49987	2.80734	3.48496
24	0.68485	1.31784	1.71088	2.06390	2.49216	2.79694	3.46678
25	0.68443	1.31635	1.70814	2.05954	2.48511	2.78744	3.45019
26	0.68404	1.31497	1.70562	2.05553	2.47863	2.77871	3.43500
27	0.68368	1.31370	1.70329	2.05183	2.47266	2.77068	3.42103
28	0.68335	1.31253	1.70113	2.04841	2.46714	2.76326	3.40816
29	0.68304	1.31143	1.69913	2.04523	2.46202	2.75639	3.39624
30	0.68276	1.31042	1.69726	2.04227	2.45726	2.75000	3.38518

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)								
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
1	161	199	216	225	230	234	237	239	241
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22