

## Lampiran 1

### Daftar Perusahaan Perbankan Yang Terdaftar Di Bursa Efek Indonesia

#### Populasi

No	Kode	Nama Perusahaan	Kriteria			Jumlah	Sampel
			1	2	3		
1	AGRO	PT Bank Agroniaga Tbk	√	-	√	2	
2	AGRS	PT Bank Agris Tbk	√	-	-	1	
3	ARTO	PT Bank Artos Indonesia Tbk	√	-	-	1	
4	BABP	PT Bank Bumiputera Indonesia Tbk	√	-	√	2	
5	BACA	PT Bank Capital Indonesia Tbk	√	-	√	2	
6	BBCA	PT Bank Central Asia Tbk	√	√	√	3	Sampel 1
7	BBHI	PT Bank Harda Internasional Tbk	√	-	√	2	
8	BBKP	PT Bank Bukopin Tbk	√	-	√	2	
9	BBMD	PT Bank Mestika Dharma Tbk.	-	√	-	1	
10	BBNI	PT Bank Negara Indonesia Tbk	√	√	√	3	Sampel 2
11	BBNP	PT Bank Nusantara Parahyangan Tbk	√	-	√	2	
12	BBRI	PT Bank Rakyat Indonesia (persero) Tbk	√	√	√	3	Sampel 3
13	BBTN	PT Bank Tabungan Negara (Persero) Tbk	√	-	√	2	
14	BBYB	PT Bank Yudha Bhakti Tbk	√	-	√	2	
15	BCIC	PT Bank Century Tbk	√	-	√	2	
16	BDMN	PT Bank Danamon Indonesia Tbk	√	-	√	2	
17	BEKS	PT Bank Eksekutif Internasional Tbk	√	-	√	2	
18	BINA	PT Bank Ina Perdana Tbk.	√	-	√	2	
19	BJBR	PT Bank Pembangunan Daerah Jawa Barat dan Banten Tbk	√	-	√	2	
20	BJTM	PT Bank Pembangunan Daerah Jawa Timur Tbk	√	-	√	2	
21	BKSW	PT Bank Kesawan Tbk	√	-	√	2	
22	BMAS	PT Bank Maspion Indonesia Tbk	√	-	√	2	
23	BMRI	PT Bank Mandiri (Persero) Tbk	√	-	√	2	
24	BNBA	PT Bank Bumi Arta Tbk	√	-	√	2	

25	BNGA	PT Bank CIMB Niaga Tbk	√	-	√	2	
26	BNII	PT Bank Internasional Indonesia Tbk	√	√	√	3	Sampel 4
27	BNLI	PT Bank Permata Tbk	√	-	√	2	
28	BSIM	PT Bank Sinarmas Tbk	√	√	√	3	Sampel 5
29	BSWD	PT Bank Swadesi Tbk	√	-	√	2	
30	BTPN	PT Bank Tabungan Pensiunan Nasional Tbk	√	-	√	2	
31	BVIC	PT Bank Victoria International Tbk	√	-	√	2	
32	DNAR	PT Bank Dinar Indonesia Tbk	√	-	√	2	
33	INPC	PT Bank Artha Graha Internasional Tbk	√	-	√	2	
34	MAYA	PT Bank Mayapada Internasional Tbk	√	-	√	2	
35	MCOR	PT Bank Windu Kentjana Internasional Tbk	√	-	√	2	
36	MEGA	PT Bank Mega Tbk	√	-	√	2	
37	NAGA	PT Bank Mitraniaga Tbk	√	-	√	2	
38	NISP	PT Bank OCBC NISP Tbk	√	√	√	3	Sampel 6
39	NOBU	PT Bank Nationalnobu Tbk	√	-	√	2	
40	PNBN	PT Bank Pan Indonesia Tbk	√	-	√	2	
41	PNBS	PT Bank Panin Syariah Tbk	√	-	√	2	
42	SDRA	PT Bank Himpunan Saudara 1906 Tbk	√	-	√	2	

## Lampiran 2

### Daftar Sampel Perusahaan Perbankan

No	Kode	Nama Perusahaan	Status
1	BBCA	PT Bank Central Asia Tbk	Bank Swasta
2	BBNI	PT Bank Negara Indonesia (Persero) Tbk	Bank Pemerintah
3	BBRI	PT Bank Rakyat Indonesia (Persero) Tbk	Bank Pemerintah
4	BNII	PT Bank Maybank Indonesia Tbk	Bank Swasta
5	BSIM	PT Bank Sinarmas Tbk	Bank Swasta
6	NISP	PT Bank Ocbc Nisp Tbk	Bank Swasta

### Sampel Dengan Data Outlier

No	Kode	Nama Perusahaan	Status
1	BNII	PT Bank Maybank Indonesia Tbk	Bank Swasta

### Lampiran 3

**Data *Research and Development (RDI)*, Aset Tidak Berwujud (INTAV), Kinerja Keuangan (ROA), dan Nilai Perusahaan (Tobbins'q)**

***Research and Development (RDI)***

<b>Nama Perusahaan</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
PT Bank Central Asia Tbk	0.0008	0.0010	0.0007	0.0008	0.0007	0.0005
PT Bank Negara Indonesia (Persero) Tbk	0.0008	0.0014	0.0023	0.0023	0.0019	0.0015
PT Bank Rakyat Indonesia (Persero) Tbk	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002
PT Bank Maybank Indonesia Tbk	0.0086	0.0069	0.0066	0.0065	0.0046	0.0057
PT Bank Sinarmas Tbk	0.0065	0.0085	0.0135	0.0154	0.0146	0.0105
PT Bank Ocbc Nisp Tbk	0.0028	0.0011	0.0010	0.0012	0.0008	0.0004

**Aset Tidak Berwujud (INTAV)**

<b>Nama Perusahaan</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
PT Bank Central Asia Tbk	156,179,570,359,000	195,224,930,113,000	222,084,051,039,000	234,255,796,972,000	320,281,152,835,000	324,540,078,950,000
PT Bank Negara Indonesia (Persero) Tbk	71,507,758,335,375	70,118,402,569,400	68,266,503,313,100	72,877,887,572,350	112,543,811,293,300	92,030,360,155,070
PT Bank Rakyat Indonesia (Persero) Tbk	128,241,133,365,000	164,801,854,736,000	169,671,287,362,000	176,983,582,833,000	284,424,042,498,000	278,913,596,912,500
PT Bank Maybank Indonesia Tbk	43,453,494,068,560	23,394,097,754,840	22,556,596,702,060	18,699,946,476,900	13,935,499,641,544	11,452,889,411,928
PT Bank Sinarmas Tbk	2,910,428,981,000	2,425,158,420,000	2,281,662,545,550	3,112,837,299,520	4,707,207,303,936	5,515,260,095,776
PT Bank Ocbc Nisp Tbk	11,845,723,297,900	7,522,632,188,160	12,940,056,469,580	13,956,705,707,680	15,431,820,525,760	14,464,895,873,400

**Kinerja Keuangan (ROA)**

<b>Nama Perusahaan</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
PT Bank Central Asia Tbk	0.0328	0.0357	0.0347	0.0359	0.0375	0.0381
PT Bank Negara Indonesia (Persero) Tbk	0.0221	0.0249	0.0267	0.0292	0.0325	0.0225
PT Bank Rakyat Indonesia (Persero) Tbk	0.0368	0.0399	0.0433	0.0446	0.0385	0.0370
PT Bank Maybank Indonesia Tbk	0.0105	0.0104	0.0146	0.0155	0.0067	0.0098
PT Bank Sinarmas Tbk	0.0125	0.0093	0.0188	0.0164	0.0094	0.0086
PT Bank Ocbc Nisp Tbk	0.0113	0.0168	0.0154	0.0157	0.0172	0.0166

**Nilai Perusahaan (Tobbins'q)**

<b>Nama Perusahaan</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
PT Bank Central Asia Tbk	482.41	512.18	526.03	473.00	580.77	547.02
PT Bank Negara Indonesia (Persero) Tbk	288.66	235.46	205.82	189.48	271.17	181.95
PT Bank Rakyat Indonesia (Persero) Tbk	318.20	351.72	308.75	283.64	355.66	318.52
PT Bank Maybank Indonesia Tbk	579.37	247.46	195.83	134.05	98.23	73.66
PT Bank Sinarmas Tbk	260.12	146.58	151.59	179.41	222.42	198.90
PT Bank Ocbc Nisp Tbk	237.25	126.72	164.50	144.11	150.64	121.06

## Lampiran 4

### Output Spss

#### Deskripsi Variabel Penelitian

		Statistics			
		Research and Dvelopment	Kinerja Keuangan	Nilai Perusahaan	Aset Tidak Berwujud
N	Valid	30	30	30	30
	Missing	0	0	0	0
Mean		.003067	.026023	284.4580	31.3920
Median		.001000	.025800	248.6850	31.9103
Std. Deviation		.0045871	.0114095	137.43239	1.70068
Minimum		.0001	.0086	121.06	28.46
Maximum		.0154	.0446	580.77	33.41

#### Hasil Uji Normalitas Persamaan Regresi Substruktur 1

		Unstandardized Residual
N		30
Normal Parameters <sup>a,b</sup>	Mean	0E-7
	Std. Deviation	.00455712
	Absolute	.150
Most Extreme Differences	Positive	.150
	Negative	-.116
Kolmogorov-Smirnov Z		.823
Asymp. Sig. (2-tailed)		.507

a. Test distribution is Normal.

b. Calculated from data.

### Hasil Uji Multikolinearitas Persamaan Regresi Substruktur 1

**Coefficients<sup>a</sup>**

Model	Collinearity Statistics	
	Tolerance	VIF
Research and Dvelopment	.436	2.294
Aset Tidak Berwujud	.436	2.294

a. Dependent Variable: Kinerja Keuangan

### Hasil Uji Heteroskedastisitas Persamaan Regresi Substruktur 1

**Coefficients<sup>a</sup>**

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
	(Constant)	-.001	.016		
1 Research and Dvelopment	.212	.183	.323	1.154	.258
Aset Tidak Berwujud	.000	.000	.058	.209	.836

a. Dependent Variable: RES4

### Hasil Uji Autokorelasi Persamaan Regresi Substruktur 1

**Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.917 <sup>a</sup>	.840	.829	.0047229	1.796

a. Predictors: (Constant), Aset Tidak Berwujud, Research and Dvelopment

b. Dependent Variable: Kinerja Keuangan



## Hasil Uji Normalitas Persamaan Regresi Substruktur 2

### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		30
Normal Parameters <sup>a,b</sup>	Mean	0E-7
	Std. Deviation	85.25554991
	Absolute	.157
Most Extreme Differences	Positive	.157
	Negative	-.114
Kolmogorov-Smirnov Z		.861
Asymp. Sig. (2-tailed)		.448

a. Test distribution is Normal.

b. Calculated from data.

## Hasil Uji Multikolinearitas Persamaan Regresi Substruktur 2

### Coefficients<sup>a</sup>

Model	Collinearity Statistics	
	Tolerance	VIF
Research and Dvelopment	.401	2.493
Kinerja Keuangan	.160	6.268
Aset Tidak Berwujud	.110	9.114

a. Dependent Variable: Nilai Perusahaan

## Hasil Uji Heteroskedastisitas Persamaan Regresi Substruktur 2

**Coefficients<sup>a</sup>**

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	
	B	Std. Error	Beta			
	(Constant)	-763.578	448.007			
1	Research and Dvelopment	2186.260	2991.656	.197	.731	.471
	Kinerja Keuangan	-1505.306	1907.066	-.337	-.789	.437
	Aset Tidak Berwujud	27.501	15.427	.919	1.783	.086

a. Dependent Variable: RES2

## Hasil Uji Autokorelasi Persamaan Regresi Substruktur 2

**Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.784 <sup>a</sup>	.615	.571	90.03990	2.057

a. Predictors: (Constant), Aset Tidak Berwujud, Research and Dvelopment, Kinerja Keuangan

b. Dependent Variable: Nilai Perusahaan

## Ringkasan Hasil Analisis Jalur Persamaan Regresi Substruktur 1 (Tabel Summary, Tabel Anova, Dan Tabel Coefficients)

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.917 <sup>a</sup>	.840	.829	.0047229

a. Predictors: (Constant), Aset Tidak Berwujud, Research and Dvelopment

**ANOVA<sup>a</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.003	2	.002	71.122	.000 <sup>b</sup>
	Residual	.001	27	.000		
	Total	.004	29			

a. Dependent Variable: Kinerja Keuangan

b. Predictors: (Constant), Aset Tidak Berwujud, Research and Dvelopment

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	T	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.195	.025		-7.736	.000
	Research and Dvelopment	.443	.290	.178	1.531	.137
	Aset Tidak Berwujud	.007	.001	1.043	8.959	.000

a. Dependent Variable: Kinerja Keuangan

**Ringkasan Hasil Analisis Jalur Persamaan Regresi Substruktur 2 (Tabel Summary, Tabel Anova, Dan Tabel Coefficients)**

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.784 <sup>a</sup>	.615	.571	90.03990

a. Predictors: (Constant), Kinerja Keuangan, Research and Dvelopment, Aset Tidak Berwujud

**ANOVA<sup>a</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	336955.434	3	112318.478	13.854	.000 <sup>b</sup>
	Residual	210786.755	26	8107.183		
	Total	547742.189	29			

a. Dependent Variable: Nilai Perusahaan

b. Predictors: (Constant), Kinerja Keuangan, Research and Dvelopment, Aset Tidak Berwujud

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-2456.244	861.916		-2.850	.008
	Research and Dvelopment	12325.375	5755.616	.411	2.141	.042
	Aset Tidak Berwujud	86.352	29.681	1.069	2.909	.007
	Kinerja Keuangan	-301.753	3668.983	-.025	-.082	.935

a. Dependent Variable: Nilai Perusahaan