

# LAMPIRAN

## Lampiran 1

Data mentah *Return On Asset (ROA)*, *Return On Equity (ROE)*, *Debt On Equity Ratio (DER)*, Makroekonomi periode 2010Q1-2017Q4.

Data mentah *Return On Asset (ROA)* Periode 2010Q1-2017Q4.

Tahun	ROA Minyak Kelapa Sawit	ROA Batubara
2010Q1	4.59	4.42
2010Q2	4.63	5.01
2010Q3	5.08	7.52
2010Q4	5.95	5.31
2011Q1	8.43	11.33
2011Q2	9.69	9.83
2011Q3	8.70	6.62
2011Q4	7.69	7.62
2012Q1	5.97	10.65
2012Q2	5.64	8.85
2012Q3	5.05	8.57
2012Q4	4.58	5.73
2013Q1	3.24	1.94
2013Q2	3.54	2.10
2013Q3	0.85	4.14
2013Q4	3.07	3.18
2014Q1	7.39	6.47
2014Q2	5.02	6.02
2014Q3	5.22	3.50
2014Q4	6.06	3.42
2015Q1	0.36	0.33
2015Q2	1.06	-1.80
2015Q3	-0.48	1.29
2015Q4	0.03	-4.19
2016Q1	0.23	1.02
2016Q2	0.75	0.83
2016Q3	1.79	3.49
2016Q4	-0.10	6.43
2017Q1	1.51	3.85
2017Q2	1.57	6.72
2017Q3	2.54	8.06

Data mentah *Return On Asset (ROE)* Periode 2010Q1-2017Q4.

Tahun	ROE Minyak kelapa Sawit	ROE Batubara
2010Q1	7.61	15.11
2010Q2	7.53	12.31
2010Q3	8.10	15.43
2010Q4	9.90	4.28
2011Q1	15.06	34.52
2011Q2	16.82	18.91
2011Q3	14.88	20.61
2011Q4	12.86	17.56
2012Q1	10.49	12.64
2012Q2	9.88	12.50
2012Q3	8.09	-5.17
2012Q4	7.43	-18.94
2013Q1	5.90	-10.74
2013Q2	5.28	22.41
2013Q3	-1.21	13.81
2013Q4	5.07	3.39
2014Q1	15.88	-19.38
2014Q2	10.09	8.14
2014Q3	10.69	7.08
2014Q4	11.13	1.82
2015Q1	0.14	1.72
2015Q2	2.26	-0.34
2015Q3	-4.36	5.86
2015Q4	-0.49	-2.77
2016Q1	0.70	1.29
2016Q2	1.80	-0.61
2016Q3	3.57	4.23
2016Q4	-4.65	7.69
2017Q1	-0.23	7.37
2017Q2	-1.99	10.78
2017Q3	4.52	13.29
2017Q4	0	0

Data mentah *Debt on Equity Ratio (DER)* Periode 2010Q1-2017Q4.

Tahun	DER Minyak Kelapa Sawit	DER Batubara
2010Q1	0.34	1.36
2010Q2	0.39	1.43
2010Q3	0.38	1.32
2010Q4	0.44	2.95
2011Q1	0.41	1.99
2011Q2	0.53	0.97
2011Q3	0.53	0.96
2011Q4	0.53	1.29
2012Q1	0.52	1.54
2012Q2	0.55	1.88
2012Q3	0.81	2.95
2012Q4	0.78	3.83
2013Q1	0.89	5.24
2013Q2	0.99	-1.77
2013Q3	1.15	0.21
2013Q4	0.99	1.43
2014Q1	1.03	-0.13
2014Q2	0.90	0.49
2014Q3	0.99	1.29
2014Q4	2.72	1.35
2015Q1	1.06	1.19
2015Q2	1.16	0.90
2015Q3	1.30	1.18
2015Q4	1.26	2.08
2016Q1	1.27	1.34
2016Q2	1.35	1.28
2016Q3	1.32	1.29
2016Q4	1.13	1.08
2017Q1	2.08	1.02
2017Q2	2.29	0.99
2017Q3	0.59	0.86
2017Q4	0	0

Data mentah Makroekonomi 2010Q1-2017Q4.

Tahun	PDB	Inflasi	Kurs
2010Q1	97.63212	0.89	9272
2010Q2	99.25673	0.68	9092
2010Q3	100.7464	1.60	8972
2010Q4	102.3647	0.92	8977
2011Q1	103.8451	0.25	8863
2011Q2	105.3618	0.85	8569
2011Q3	106.9503	0.27	8636
2011Q4	108.5219	0.79	9024
2012Q1	110.1689	0.97	9088
2012Q2	111.8195	0.75	9412
2012Q3	113.3706	1.86	9544
2012Q4	114.9285	0.54	9630
2013Q1	116.5549	0.13	9695
2013Q2	118.0364	1.03	9818
2013Q3	119.6017	2.59	10938
2013Q4	121.1181	1.00	11800
2014Q1	122.5387	1.14	11755
2014Q2	124.0817	0.73	11704
2014Q3	125.5246	1.28	11840
2014Q4	126.9634	1.70	12239
2015Q1	128.515	1.25	12857
2015Q2	129.9973	0.73	13160
2015Q3	131.6136	1.30	14055
2015Q4	133.3206	0.62	13758
2016Q1	134.9292	0.80	13506
2016Q2	136.6106	0.72	12333
2016Q3	138.2925	1.03	13131
2016Q4	139.9607	0.48	13350
2017Q1	141.7097	0.02	13337
2017Q2	143.5178	0.69	13322
2017Q3	145.3086	0.09	11389
2017Q4	147.1187	0.31	13545

## Lampiran 2

### Output Microsoft Excel

#### *Single Index Return On Asset (ROA) Minyak Kelapa Sawit Periode 2010Q1 - 2017Q4.*

Tahun	ROA Minyak Kelapa Sawit	Threshold 1,3	Threshold 1,7	Threshold 2,0
2010Q1	0.29	1.3	1.7	2.0
2010Q2	0.31	1.3	1.7	2.0
2010Q3	0.46	1.3	1.7	2.0
2010Q4	0.76	1.3	1.7	2.0
2011Q1	1.61	1.3	1.7	2.0
2011Q2	2.04	1.3	1.7	2.0
2011Q3	1.70	1.3	1.7	2.0
2011Q4	1.36	1.3	1.7	2.0
2012Q1	0.77	1.3	1.7	2.0
2012Q2	0.65	1.3	1.7	2.0
2012Q3	0.45	1.3	1.7	2.0
2012Q4	0.29	1.3	1.7	2.0
2013Q1	-0.17	1.3	1.7	2.0
2013Q2	-0.07	1.3	1.7	2.0
2013Q3	-0.99	1.3	1.7	2.0
2013Q4	-0.23	1.3	1.7	2.0
2014Q1	1.25	1.3	1.7	2.0
2014Q2	0.44	1.3	1.7	2.0
2014Q3	0.51	1.3	1.7	2.0
2014Q4	0.80	1.3	1.7	2.0
2015Q1	-1.16	1.3	1.7	2.0
2015Q2	-0.92	1.3	1.7	2.0
2015Q3	-1.45	1.3	1.7	2.0
2015Q4	-1.27	1.3	1.7	2.0
2016Q1	-1.20	1.3	1.7	2.0
2016Q2	-1.03	1.3	1.7	2.0
2016Q3	-0.67	1.3	1.7	2.0
2016Q4	-1.32	1.3	1.7	2.0
2017Q1	-0.76	1.3	1.7	2.0
2017Q2	-0.74	1.3	1.7	2.0
2017Q3	-0.41	1.3	1.7	2.0
2017Q4	-1.28	1.3	1.7	2.0

**Single Index Return On Asset (ROA) Batubara Periode 2010Q1-2017Q4.**

Tahun	ROA Batubara	Threshold 1,3	Threshold 1,7	Threshold 2,0
2010Q1	-0.06	1.3	1.7	2.0
2010Q2	0.10	1.3	1.7	2.0
2010Q3	0.80	1.3	1.7	2.0
2010Q4	0.19	1.3	1.7	2.0
2011Q1	1.85	1.3	1.7	2.0
2011Q2	1.43	1.3	1.7	2.0
2011Q3	0.55	1.3	1.7	2.0
2011Q4	0.82	1.3	1.7	2.0
2012Q1	1.66	1.3	1.7	2.0
2012Q2	1.16	1.3	1.7	2.0
2012Q3	1.09	1.3	1.7	2.0
2012Q4	0.30	1.3	1.7	2.0
2013Q1	-0.74	1.3	1.7	2.0
2013Q2	-0.70	1.3	1.7	2.0
2013Q3	-0.14	1.3	1.7	2.0
2013Q4	-0.40	1.3	1.7	2.0
2014Q1	0.51	1.3	1.7	2.0
2014Q2	0.38	1.3	1.7	2.0
2014Q3	-0.31	1.3	1.7	2.0
2014Q4	-0.33	1.3	1.7	2.0
2015Q1	-1.19	1.3	1.7	2.0
2015Q2	-1.77	1.3	1.7	2.0
2015Q3	-0.92	1.3	1.7	2.0
2015Q4	-2.43	1.3	1.7	2.0
2016Q1	-1.00	1.3	1.7	2.0
2016Q2	-1.05	1.3	1.7	2.0
2016Q3	-0.32	1.3	1.7	2.0
2016Q4	0.50	1.3	1.7	2.0
2017Q1	-0.22	1.3	1.7	2.0
2017Q2	0.58	1.3	1.7	2.0
2017Q3	0.95	1.3	1.7	2.0
2017Q4	-1.28	1.3	1.7	2.0

**Single Index Return On Equity (ROE) Minyak Kelapa Sawit Periode 2010Q1-2017Q4.**

Tahun	ROE Minyak Kelapa Sawit	Threshold 1,3	Threshold 1,7	Threshold 2,0
2010Q1	0.27	1.3	1.7	2.0
2010Q2	0.25	1.3	1.7	2.0
2010Q3	0.35	1.3	1.7	2.0
2010Q4	0.65	1.3	1.7	2.0
2011Q1	1.51	1.3	1.7	2.0
2011Q2	1.80	1.3	1.7	2.0
2011Q3	1.48	1.3	1.7	2.0
2011Q4	1.14	1.3	1.7	2.0
2012Q1	0.75	1.3	1.7	2.0
2012Q2	0.64	1.3	1.7	2.0
2012Q3	0.35	1.3	1.7	2.0
2012Q4	0.23	1.3	1.7	2.0
2013Q1	-0.02	1.3	1.7	2.0
2013Q2	-0.12	1.3	1.7	2.0
2013Q3	-1.21	1.3	1.7	2.0
2013Q4	-0.16	1.3	1.7	2.0
2014Q1	1.65	1.3	1.7	2.0
2014Q2	0.68	1.3	1.7	2.0
2014Q3	0.78	1.3	1.7	2.0
2014Q4	0.85	1.3	1.7	2.0
2015Q1	-0.98	1.3	1.7	2.0
2015Q2	-0.63	1.3	1.7	2.0
2015Q3	-1.73	1.3	1.7	2.0
2015Q4	-1.09	1.3	1.7	2.0
2016Q1	-0.89	1.3	1.7	2.0
2016Q2	-0.71	1.3	1.7	2.0
2016Q3	-0.41	1.3	1.7	2.0
2016Q4	-1.78	1.3	1.7	2.0
2017Q1	-1.04	1.3	1.7	2.0
2017Q2	-1.34	1.3	1.7	2.0
2017Q3	-0.25	1.3	1.7	2.0
2017Q4	-1.01	1.3	1.7	2.0



**Single Index Return On Equity (ROE) Batubara Periode 2010Q1-2017Q4.**

Tahun	ROE Batubara	Threshold 1,3	Threshold 1,7	Threshold 2,0
2010Q1	0.742562	1.3	1.7	2.0
2010Q2	0.494968	1.3	1.7	2.0
2010Q3	0.770859	1.3	1.7	2.0
2010Q4	-0.2151	1.3	1.7	2.0
2011Q1	2.458922	1.3	1.7	2.0
2011Q2	1.078583	1.3	1.7	2.0
2011Q3	1.228908	1.3	1.7	2.0
2011Q4	0.959207	1.3	1.7	2.0
2012Q1	0.524148	1.3	1.7	2.0
2012Q2	0.511769	1.3	1.7	2.0
2012Q3	-1.05073	1.3	1.7	2.0
2012Q4	-2.26836	1.3	1.7	2.0
2013Q1	-1.54326	1.3	1.7	2.0
2013Q2	1.388076	1.3	1.7	2.0
2013Q3	0.627608	1.3	1.7	2.0
2013Q4	-0.2938	1.3	1.7	2.0
2014Q1	-2.30727	1.3	1.7	2.0
2014Q2	0.126229	1.3	1.7	2.0
2014Q3	0.032497	1.3	1.7	2.0
2014Q4	-0.43263	1.3	1.7	2.0
2015Q1	-0.44147	1.3	1.7	2.0
2015Q2	-0.62363	1.3	1.7	2.0
2015Q3	-0.07538	1.3	1.7	2.0
2015Q4	-0.8385	1.3	1.7	2.0
2016Q1	-0.47949	1.3	1.7	2.0
2016Q2	-0.6475	1.3	1.7	2.0
2016Q3	-0.21952	1.3	1.7	2.0
2016Q4	0.086437	1.3	1.7	2.0
2017Q1	0.05814	1.3	1.7	2.0
2017Q2	0.359675	1.3	1.7	2.0
2017Q3	0.581626	1.3	1.7	2.0
2017Q4	-0.59356	1.3	1.7	2.0

**Single Index Debt on Equity Ratio (DER) Minyak Kelapa Sawit Periode  
2010Q1-2017Q4**

Tahun	DER Minyak kelapa Sawit	Threshold 1,3	Threshold 1,7	Threshold 2,0
2010Q1	-1.06	1.3	1.7	2.0
2010Q2	-0.98	1.3	1.7	2.0
2010Q3	-1.00	1.3	1.7	2.0
2010Q4	-0.89	1.3	1.7	2.0
2011Q1	-0.94	1.3	1.7	2.0
2011Q2	-0.74	1.3	1.7	2.0
2011Q3	-0.74	1.3	1.7	2.0
2011Q4	-0.74	1.3	1.7	2.0
2012Q1	-0.75	1.3	1.7	2.0
2012Q2	-0.70	1.3	1.7	2.0
2012Q3	-0.26	1.3	1.7	2.0
2012Q4	-0.31	1.3	1.7	2.0
2013Q1	-0.12	1.3	1.7	2.0
2013Q2	0.05	1.3	1.7	2.0
2013Q3	0.33	1.3	1.7	2.0
2013Q4	0.05	1.3	1.7	2.0
2014Q1	0.12	1.3	1.7	2.0
2014Q2	-0.10	1.3	1.7	2.0
2014Q3	0.05	1.3	1.7	2.0
2014Q4	3.03	1.3	1.7	2.0
2015Q1	0.17	1.3	1.7	2.0
2015Q2	0.35	1.3	1.7	2.0
2015Q3	0.59	1.3	1.7	2.0
2015Q4	0.52	1.3	1.7	2.0
2016Q1	0.54	1.3	1.7	2.0
2016Q2	0.67	1.3	1.7	2.0
2016Q3	0.62	1.3	1.7	2.0
2016Q4	0.29	1.3	1.7	2.0
2017Q1	1.93	1.3	1.7	2.0
2017Q2	2.29	1.3	1.7	2.0
2017Q3	-0.63	1.3	1.7	2.0
2017Q4	-1.65	1.3	1.7	2.0

**Single Index Debt on Equity Ratio (DER) Batubara Periode 2010Q1-2017Q4.**

Tahun	DER Batubara	Threshold 1,3	Threshold 1,7	Threshold 2,0
2010Q1	-0.00704	1.3	1.7	2.0
2010Q2	0.051341	1.3	1.7	2.0
2010Q3	-0.0404	1.3	1.7	2.0
2010Q4	1.31897	1.3	1.7	2.0
2011Q1	0.518362	1.3	1.7	2.0
2011Q2	-0.33228	1.3	1.7	2.0
2011Q3	-0.34062	1.3	1.7	2.0
2011Q4	-0.06541	1.3	1.7	2.0
2012Q1	0.143077	1.3	1.7	2.0
2012Q2	0.426626	1.3	1.7	2.0
2012Q3	1.31897	1.3	1.7	2.0
2012Q4	2.052861	1.3	1.7	2.0
2013Q1	3.228754	1.3	1.7	2.0
2013Q2	-2.61735	1.3	1.7	2.0
2013Q3	-0.9661	1.3	1.7	2.0
2013Q4	0.051341	1.3	1.7	2.0
2014Q1	-1.24965	1.3	1.7	2.0
2014Q2	-0.73259	1.3	1.7	2.0
2014Q3	-0.06541	1.3	1.7	2.0
2014Q4	-0.01538	1.3	1.7	2.0
2015Q1	-0.14881	1.3	1.7	2.0
2015Q2	-0.39066	1.3	1.7	2.0
2015Q3	-0.15715	1.3	1.7	2.0
2015Q4	0.593419	1.3	1.7	2.0
2016Q1	-0.02372	1.3	1.7	2.0
2016Q2	-0.07375	1.3	1.7	2.0
2016Q3	-0.06541	1.3	1.7	2.0
2016Q4	-0.24055	1.3	1.7	2.0
2017Q1	-0.29059	1.3	1.7	2.0
2017Q2	-0.3156	1.3	1.7	2.0
2017Q3	-0.42402	1.3	1.7	2.0
2017Q4	-1.14123	1.3	1.7	2.0

**Single Index Inflasi Periode 2010Q1-2017Q4.**

Tahun	Inflasi	Threshold 1,3	Threshold 1,7	Threshold 2,0
2010Q1	0.026924	1.3	1.7	2.0
2010Q2	-0.35803	1.3	1.7	2.0
2010Q3	1.32842	1.3	1.7	2.0
2010Q4	0.081916	1.3	1.7	2.0
2011Q1	-1.14626	1.3	1.7	2.0
2011Q2	-0.0464	1.3	1.7	2.0
2011Q3	-1.10959	1.3	1.7	2.0
2011Q4	-0.15639	1.3	1.7	2.0
2012Q1	0.173571	1.3	1.7	2.0
2012Q2	-0.22971	1.3	1.7	2.0
2012Q3	1.805024	1.3	1.7	2.0
2012Q4	-0.61466	1.3	1.7	2.0
2013Q1	-1.36623	1.3	1.7	2.0
2013Q2	0.283557	1.3	1.7	2.0
2013Q3	3.143183	1.3	1.7	2.0
2013Q4	0.228564	1.3	1.7	2.0
2014Q1	0.485197	1.3	1.7	2.0
2014Q2	-0.26637	1.3	1.7	2.0
2014Q3	0.74183	1.3	1.7	2.0
2014Q4	1.511729	1.3	1.7	2.0
2015Q1	0.686837	1.3	1.7	2.0
2015Q2	-0.26637	1.3	1.7	2.0
2015Q3	0.778492	1.3	1.7	2.0
2015Q4	-0.46801	1.3	1.7	2.0
2016Q1	-0.13805	1.3	1.7	2.0
2016Q2	-0.2847	1.3	1.7	2.0
2016Q3	0.283557	1.3	1.7	2.0
2016Q4	-0.72464	1.3	1.7	2.0
2017Q1	-1.56787	1.3	1.7	2.0
2017Q2	-0.3397	1.3	1.7	2.0
2017Q3	-1.43344	1.3	1.7	2.0
2017Q4	-1.04238	1.3	1.7	2.0

**Single Index Kurs Periode 2010Q1-2017Q4.**

Tahun	Kurs	Threshold 1,3	Threshold 1,7	Threshold 2,0
2010Q1	-0.98505	1.3	1.7	2.0
2010Q2	-1.07974	1.3	1.7	2.0
2010Q3	-1.14252	1.3	1.7	2.0
2010Q4	-1.13989	1.3	1.7	2.0
2011Q1	-1.20004	1.3	1.7	2.0
2011Q2	-1.35453	1.3	1.7	2.0
2011Q3	-1.31928	1.3	1.7	2.0
2011Q4	-1.11517	1.3	1.7	2.0
2012Q1	-1.0815	1.3	1.7	2.0
2012Q2	-0.9114	1.3	1.7	2.0
2012Q3	-0.8416	1.3	1.7	2.0
2012Q4	-0.79654	1.3	1.7	2.0
2013Q1	-0.76252	1.3	1.7	2.0
2013Q2	-0.69781	1.3	1.7	2.0
2013Q3	-0.10825	1.3	1.7	2.0
2013Q4	0.345053	1.3	1.7	2.0
2014Q1	0.321204	1.3	1.7	2.0
2014Q2	0.294549	1.3	1.7	2.0
2014Q3	0.366096	1.3	1.7	2.0
2014Q4	0.576176	1.3	1.7	2.0
2015Q1	0.901293	1.3	1.7	2.0
2015Q2	1.060519	1.3	1.7	2.0
2015Q3	1.531359	1.3	1.7	2.0
2015Q4	1.375114	1.3	1.7	2.0
2016Q1	1.242367	1.3	1.7	2.0
2016Q2	0.625452	1.3	1.7	2.0
2016Q3	1.045087	1.3	1.7	2.0
2016Q4	1.160474	1.3	1.7	2.0
2017Q1	1.153635	1.3	1.7	2.0
2017Q2	1.145919	1.3	1.7	2.0
2017Q3	0.128659	1.3	1.7	2.0
2017Q4	1.262884	1.3	1.7	2.0

**Single Index PDB Periode 2010Q1-2017Q4.**

Tahun	PDB	Threshold 1,3	Threshold 1,7	Threshold 2,0
2010Q1	-1.64405	1.3	1.7	2.0
2010Q2	-1.53392	1.3	1.7	2.0
2010Q3	-1.43293	1.3	1.7	2.0
2010Q4	-1.32322	1.3	1.7	2.0
2011Q1	-1.22286	1.3	1.7	2.0
2011Q2	-1.12004	1.3	1.7	2.0
2011Q3	-1.01236	1.3	1.7	2.0
2011Q4	-0.90582	1.3	1.7	2.0
2012Q1	-0.79417	1.3	1.7	2.0
2012Q2	-0.68227	1.3	1.7	2.0
2012Q3	-0.57712	1.3	1.7	2.0
2012Q4	-0.4715	1.3	1.7	2.0
2013Q1	-0.36125	1.3	1.7	2.0
2013Q2	-0.26082	1.3	1.7	2.0
2013Q3	-0.1547	1.3	1.7	2.0
2013Q4	-0.05191	1.3	1.7	2.0
2014Q1	0.044401	1.3	1.7	2.0
2014Q2	0.149002	1.3	1.7	2.0
2014Q3	0.246817	1.3	1.7	2.0
2014Q4	0.344351	1.3	1.7	2.0
2015Q1	0.449539	1.3	1.7	2.0
2015Q2	0.550028	1.3	1.7	2.0
2015Q3	0.659599	1.3	1.7	2.0
2015Q4	0.775319	1.3	1.7	2.0
2016Q1	0.884369	1.3	1.7	2.0
2016Q2	0.998349	1.3	1.7	2.0
2016Q3	1.11237	1.3	1.7	2.0
2016Q4	1.225461	1.3	1.7	2.0
2017Q1	1.344023	1.3	1.7	2.0
2017Q2	1.4666	1.3	1.7	2.0
2017Q3	1.588001	1.3	1.7	2.0
2017Q4	1.71071	1.3	1.7	2.0

**Component Index Profitabilitas Periode 2010Q1-2017Q4.**

Tahun	Profitabilitas	Threshold 1,8	Threshold 1,5	Threshold 1,2
2010Q1	0.116541	1.85096	1.573316	1.203124
2010Q2	0.204753	1.85096	1.573316	1.203124
2010Q3	0.628018	1.85096	1.573316	1.203124
2010Q4	0.472487	1.85096	1.573316	1.203124
2011Q1	1.727858	1.85096	1.573316	1.203124
2011Q2	1.737108	1.85096	1.573316	1.203124
2011Q3	1.124718	1.85096	1.573316	1.203124
2011Q4	1.089398	1.85096	1.573316	1.203124
2012Q1	1.212228	1.85096	1.573316	1.203124
2012Q2	0.907441	1.85096	1.573316	1.203124
2012Q3	0.767653	1.85096	1.573316	1.203124
2012Q4	0.295457	1.85096	1.573316	1.203124
2013Q1	-0.45693	1.85096	1.573316	1.203124
2013Q2	-0.38342	1.85096	1.573316	1.203124
2013Q3	-0.56344	1.85096	1.573316	1.203124
2013Q4	-0.3151	1.85096	1.573316	1.203124
2014Q1	0.879382	1.85096	1.573316	1.203124
2014Q2	0.4109	1.85096	1.573316	1.203124
2014Q3	0.097726	1.85096	1.573316	1.203124
2014Q4	0.230747	1.85096	1.573316	1.203124
2015Q1	-1.17282	1.85096	1.573316	1.203124
2015Q2	-1.34647	1.85096	1.573316	1.203124
2015Q3	-1.1845	1.85096	1.573316	1.203124
2015Q4	-1.85265	1.85096	1.573316	1.203124
2016Q1	-1.09997	1.85096	1.573316	1.203124
2016Q2	-1.03699	1.85096	1.573316	1.203124
2016Q3	-0.49187	1.85096	1.573316	1.203124
2016Q4	-0.4106	1.85096	1.573316	1.203124
2017Q1	-0.49025	1.85096	1.573316	1.203124
2017Q2	-0.08422	1.85096	1.573316	1.203124
2017Q3	0.266889	1.85096	1.573316	1.203124
2017Q4	-1.28006	1.85096	1.573316	1.203124

**Component Index Efisiensi Periode 2010Q1-2017Q4.**

Tahun	Efisiensi	Threshold 1,5	Threshold 1,3	Threshold 1,0
2010Q1	0.503795	1.556115	1.322698	1.011475
2010Q2	0.373316	1.556115	1.322698	1.011475
2010Q3	0.55887	1.556115	1.322698	1.011475
2010Q4	0.216232	1.556115	1.322698	1.011475
2011Q1	1.98422	1.556115	1.322698	1.011475
2011Q2	1.44105	1.556115	1.322698	1.011475
2011Q3	1.354179	1.556115	1.322698	1.011475
2011Q4	1.050612	1.556115	1.322698	1.011475
2012Q1	0.635134	1.556115	1.322698	1.011475
2012Q2	0.577995	1.556115	1.322698	1.011475
2012Q3	-0.35276	1.556115	1.322698	1.011475
2012Q4	-1.0167	1.556115	1.322698	1.011475
2013Q1	-0.78194	1.556115	1.322698	1.011475
2013Q2	0.631944	1.556115	1.322698	1.011475
2013Q3	-0.29035	1.556115	1.322698	1.011475
2013Q4	-0.22653	1.556115	1.322698	1.011475
2014Q1	-0.33039	1.556115	1.322698	1.011475
2014Q2	0.402765	1.556115	1.322698	1.011475
2014Q3	0.406013	1.556115	1.322698	1.011475
2014Q4	0.210201	1.556115	1.322698	1.011475
2015Q1	-0.71214	1.556115	1.322698	1.011475
2015Q2	-0.62615	1.556115	1.322698	1.011475
2015Q3	-0.90495	1.556115	1.322698	1.011475
2015Q4	-0.96327	1.556115	1.322698	1.011475
2016Q1	-0.68437	1.556115	1.322698	1.011475
2016Q2	-0.6765	1.556115	1.322698	1.011475
2016Q3	-0.31468	1.556115	1.322698	1.011475
2016Q4	-0.84826	1.556115	1.322698	1.011475
2017Q1	-0.49323	1.556115	1.322698	1.011475
2017Q2	-0.48947	1.556115	1.322698	1.011475
2017Q3	0.165242	1.556115	1.322698	1.011475
2017Q4	-0.79988	1.556115	1.322698	1.011475



**Component Index Solvabilitas Periode 2010Q1-2017Q4.**

Tahun	Solvabilitas	Threshold 1,3	Threshold 1,1	Threshold 0,8
2010Q1	-0.53551	1.350778471	1.148162	0.878006
2010Q2	-0.46334	1.350778471	1.148162	0.878006
2010Q3	-0.5178	1.350778471	1.148162	0.878006
2010Q4	0.213469	1.350778471	1.148162	0.878006
2011Q1	-0.21263	1.350778471	1.148162	0.878006
2011Q2	-0.53478	1.350778471	1.148162	0.878006
2011Q3	-0.53895	1.350778471	1.148162	0.878006
2011Q4	-0.40134	1.350778471	1.148162	0.878006
2012Q1	-0.30569	1.350778471	1.148162	0.878006
2012Q2	-0.13813	1.350778471	1.148162	0.878006
2012Q3	0.531591	1.350778471	1.148162	0.878006
2012Q4	0.872743	1.350778471	1.148162	0.878006
2013Q1	1.555267	1.350778471	1.148162	0.878006
2013Q2	-1.28181	1.350778471	1.148162	0.878006
2013Q3	-0.31861	1.350778471	1.148162	0.878006
2013Q4	0.052539	1.350778471	1.148162	0.878006
2014Q1	-0.56356	1.350778471	1.148162	0.878006
2014Q2	-0.41681	1.350778471	1.148162	0.878006
2014Q3	-0.00584	1.350778471	1.148162	0.878006
2014Q4	1.506617	1.350778471	1.148162	0.878006
2015Q1	0.012648	1.350778471	1.148162	0.878006
2015Q2	-0.0223	1.350778471	1.148162	0.878006
2015Q3	0.214828	1.350778471	1.148162	0.878006
2015Q4	0.555722	1.350778471	1.148162	0.878006
2016Q1	0.255752	1.350778471	1.148162	0.878006
2016Q2	0.299516	1.350778471	1.148162	0.878006
2016Q3	0.277892	1.350778471	1.148162	0.878006
2016Q4	0.026965	1.350778471	1.148162	0.878006
2017Q1	0.818747	1.350778471	1.148162	0.878006
2017Q2	0.986794	1.350778471	1.148162	0.878006
2017Q3	-0.52906	1.350778471	1.148162	0.878006
2017Q4	-1.39494	1.350778471	1.148162	0.878006

**Component Index Makroekonomi Periode 2010Q1-2017Q4.**

Tahun	Makroekonomi	Threshold 1,2	Threshold 1,06	Threshold 0,80
2010Q1	-0.78065	1.247747	1.060585	0.811036
2010Q2	-0.89151	1.247747	1.060585	0.811036
2010Q3	-0.37411	1.247747	1.060585	0.811036
2010Q4	-0.71436	1.247747	1.060585	0.811036
2011Q1	-1.07075	1.247747	1.060585	0.811036
2011Q2	-0.75629	1.247747	1.060585	0.811036
2011Q3	-1.03237	1.247747	1.060585	0.811036
2011Q4	-0.65321	1.247747	1.060585	0.811036
2012Q1	-0.51063	1.247747	1.060585	0.811036
2012Q2	-0.54701	1.247747	1.060585	0.811036
2012Q3	0.11589	1.247747	1.060585	0.811036
2012Q4	-0.56481	1.247747	1.060585	0.811036
2013Q1	-0.747	1.247747	1.060585	0.811036
2013Q2	-0.20252	1.247747	1.060585	0.811036
2013Q3	0.864069	1.247747	1.060585	0.811036
2013Q4	0.156513	1.247747	1.060585	0.811036
2014Q1	0.255241	1.247747	1.060585	0.811036
2014Q2	0.053154	1.247747	1.060585	0.811036
2014Q3	0.406423	1.247747	1.060585	0.811036
2014Q4	0.729677	1.247747	1.060585	0.811036
2015Q1	0.611301	1.247747	1.060585	0.811036
2015Q2	0.403253	1.247747	1.060585	0.811036
2015Q3	0.890835	1.247747	1.060585	0.811036
2015Q4	0.504726	1.247747	1.060585	0.811036
2016Q1	0.596604	1.247747	1.060585	0.811036
2016Q2	0.40173	1.247747	1.060585	0.811036
2016Q3	0.732304	1.247747	1.060585	0.811036
2016Q4	0.498387	1.247747	1.060585	0.811036
2017Q1	0.278937	1.247747	1.060585	0.811036
2017Q2	0.681847	1.247747	1.060585	0.811036
2017Q3	0.084966	1.247747	1.060585	0.811036
2017Q4	0.579364	1.247747	1.060585	0.811036

**Composite Index Indeks Ketahanan Korporasi (IKK) Periode 2010Q1-2017Q4.**

Tahun	IKK	Threshold 0,60	Threshold 0,78	Threshold 0,92
2010Q1	0.025447	0.602216	0.787513	0.926486
2010Q2	0.03442	0.602216	0.787513	0.926486
2010Q3	0.200726	0.602216	0.787513	0.926486
2010Q4	0.270657	0.602216	0.787513	0.926486
2011Q1	1.049835	0.602216	0.787513	0.926486
2011Q2	0.793014	0.602216	0.787513	0.926486
2011Q3	0.581985	0.602216	0.787513	0.926486
2011Q4	0.5216	0.602216	0.787513	0.926486
2012Q1	0.4625	0.602216	0.787513	0.926486
2012Q2	0.404193	0.602216	0.787513	0.926486
2012Q3	0.283946	0.602216	0.787513	0.926486
2012Q4	0.04545	0.602216	0.787513	0.926486
2013Q1	0.094919	0.602216	0.787513	0.926486
2013Q2	-0.30998	0.602216	0.787513	0.926486
2013Q3	-0.35172	0.602216	0.787513	0.926486
2013Q4	-0.14673	0.602216	0.787513	0.926486
2014Q1	-0.00437	0.602216	0.787513	0.926486
2014Q2	0.119057	0.602216	0.787513	0.926486
2014Q3	0.14937	0.602216	0.787513	0.926486
2014Q4	0.58427	0.602216	0.787513	0.926486
2015Q1	-0.56169	0.602216	0.787513	0.926486
2015Q2	-0.59848	0.602216	0.787513	0.926486
2015Q3	-0.56239	0.602216	0.787513	0.926486
2015Q4	-0.67806	0.602216	0.787513	0.926486
2016Q1	-0.45858	0.602216	0.787513	0.926486
2016Q2	-0.4242	0.602216	0.787513	0.926486
2016Q3	-0.1586	0.602216	0.787513	0.926486
2016Q4	-0.36957	0.602216	0.787513	0.926486
2017Q1	-0.04942	0.602216	0.787513	0.926486
2017Q2	0.123931	0.602216	0.787513	0.926486
2017Q3	-0.02908	0.602216	0.787513	0.926486
2017Q4	-1.04246	0.602216	0.787513	0.926486



Parameter	2014			2015			2016			2017		
	aman	waspada	siaga	krisis	aman	waspada	siaga	krisis	aman	waspada	siaga	krisis
Profitabilitas												
ROA Kelapa sawit		√										
ROA Batubara												
Efisiensi												
ROE Kelapa Sawit		√										
ROE Batubara												
Solvabilitas		√										
DER Kelapa Sawit						√					√	√
DER Batubara												
Makroekonomi												√
Inflasi											√	
Kurs							√					
PDB										√	√	√

### Lampiran 3

### Output SPSS

### Uji Normalitas

#### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		32
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.21960639
Most Extreme Differences	Absolute	.099
	Positive	.077
	Negative	-.099
Kolmogorov-Smirnov Z		.558
Asymp. Sig. (2-tailed)		.914

a. Test distribution is Normal.

b. Calculated from data.

### Uji Multikolinearitas

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

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	6.118	2.450		2.497	.019	
	PDB	1.631	.754	.709	2.163	.039	.203
	Inflasi	-.094	.045	-.323	-2.077	.047	.905
	Kurs	-1.499	.542	-.921	-2.764	.010	.197

a. Dependent Variable: IKK

## Uji Autokorelasi

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

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.622 <sup>a</sup>	.387	.322	.23107	1.660

a. Predictors: (Constant), Kurs, Inflasi, PDB

b. Dependent Variable: IKK

## Uji Heteroskedastisitas

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

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	-1.880	1.291		-1.456	.156
1 PDB	-.131	.397	-.131	-.329	.744
Inflasi	.002	.024	.013	.070	.944
Kurs	.289	.286	.410	1.011	.321

a. Dependent Variable: ABS\_RES

## Uji Regresi Linear Berganda

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

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	6.118	2.450		2.497	.019
1 PDB	1.631	.754	.709	2.163	.039
Inflasi	-.094	.045	-.323	-2.077	.047
Kurs	-1.499	.542	-.921	-2.764	.010

a. Dependent Variable: IKK

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

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.945	3	.315	5.901	.003 <sup>b</sup>
	Residual	1.495	28	.053		
	Total	2.440	31			

a. Dependent Variable: IKK

b. Predictors: (Constant), Kurs, Inflasi, PDB

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.622 <sup>a</sup>	.387	.322	.23107

a. Predictors: (Constant), Kurs, Inflasi, PDB



## Skripsi Vinayah Anggisswara Asmaji

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