

LAMPIRAN 1 :

DAFTAR NAMA PERUSAHAAN  
SAMPel PENELITIAN



**1. DAFTAR NAMA PERUSAHAAN SAMPEL SECARA PANEL**

<b>No</b>	<b>Nama Emiten</b>	<b>KODE</b>
1	PT. Betonjaya Manunggal Tbk	BTON
2	PT. Lapindo International Tbk	LAPD
3	PT. Multi Prima Sejahtera Tbk	LPIN
4	PT. Lion Metal Works Tbk	LION
5	PT. Plastpack Prima Industri Tbk	PLAS
6	PT. Lionmesh Prima Tbk	LMSH
7	PT. Siwani Makmur Tbk	MITI
8	PT. Duta Pertiwi Nusantara Tbk	DPNS
9	PT. Kabelindo Murni Tbk	KBLM
10	PT. Ekadharna Tape Industries Tbk	EKAD
11	PT. Jakarta Kyoei Steel Works Ltd Tbk	JKSW
12	PT. Inter Delta Tbk	INTD
13	PT. Intanwijaya Internasional Tbk	INCI
14	PT. Daeyu Orchid Indonesia Tbk	DOID
15	PT. Schering-plough Indonesia Tbk	SCPI
16	PT. Kedaung Indah Can Tbk	KICI
17	PT. Tira Austenite Tbk	TIRA
18	PT. Andhi Chandra Automotive Products Tbk	ACAP
19	PT. Arwana Citramulia Tbk	ARNA
20	PT. Mustika Ratu Tbk	MRAT
21	PT. Nipress Tbk	NIPS
22	PT. Surya Intrindo Makmur Tbk	SIMM
23	PT. Summiplast Interbenua Tbk	SMPL
24	PT. Asiaplast Industries Tbk	APLI
25	PT. Pelangi Indah Canindo Tbk	PICO
26	PT. Kurnia Kapuas Utama Glue Industries Tbk	KKGI
27	PT. Cahaya Kalbar Tbk	CEKA
28	PT. Jaya Pari Steel Tbk	JPRS
29	PT. Indospring Tbk	INDS
30	PT. Roda Vivatex Tbk	RDTX
31	PT. Berlina Tbk	BRNA
32	PT. Merck Indonesia Tbk	MERK
33	PT. Prima Alloy Steel Universal Tbk	PRAS
34	PT. Ricky Putra Globalindo Tbk	RICY
35	PT. Jembo Cable Company Tbk	JECC
36	PT. Igar Jaya Tbk	IGAR
37	PT. Pan Brothers Tex Tbk	PBRX

38	PT. Sarasa Nugraha Tbk	SRSN
39	PT. Hanson Industri Utama Tbk	MYRX
40	PT. Sepatu Bata Tbk	BATA
41	PT. Tirta Mahakam Plywood Industry Tbk	TIRT
42	PT. Delta Jakarta Tbk	DLTA
43	PT. Intraco Penta Tbk	INTA
44	PT. Eratex Djaja Limited Tbk	ERTX
45	PT. Ultra Jaya Milk Industry and Trading Company Tbk	ULTJ
46	PT. Dynaplast Tbk	DYNA
47	PT. Voksel Electric Tbk	VOKS
48	PT. Suparma Tbk	SPMA
49	PT. Kedawung Setia Industrial Tbk	KDSI
50	PT. Ever Shine Textile Industry Tbk	ESTI
51	PT. Surya Dumai Industri Tbk	SUDI
52	PT. Sorini Corporation Tbk	SOBI
53	PT. Sunson Textile Manufacturer Tbk	SSTM
54	PT. Siantar Top Tbk	STTP
55	PT. Multi Bintang Indonesia Tbk	MLBI
56	PT. Daya Sakti Unggul Corporation Tbk	DSUC
57	PT. Panasia Flament Inti Tbk	PAFI
58	PT. Mandom Indonesia Tbk	TCID
59	PT. Selamat Sempurna Tbk	SMSM
60	PT. Indofarma Tbk	INAF
61	PT. Goodyear Indonesia Tbk	GDYR
62	PT. Sumi Indo Kabel Tbk	IKBI
63	PT. Davomas Abadi Tbk	DAVO
64	PT. Fast Food Indonesia Tbk	FAST
65	PT. Tunas Baru Lampung Tbk	TBLA
66	PT. Karwell Indonesia Tbk	KARW
67	PT. Astra Graphia Tbk	ASGR
68	PT. Trias Sentosa Tbk	TRST
69	PT. BAT Indonesia Tbk	BATI
70	PT. Budi Acid Jaya Tbk	BUDI
71	PT. Sumalindo Lestari Jaya Tbk	SULI
72	PT. Argha Karya Prima Industry Tbk	AKPI
73	PT. Aqua Golden Mississippi Tbk	AQUA
74	PT. Petrosea Tbk	PTRO
75	PT. Sari Husada Tbk	SHDA
76	PT. Mayora Indah Tbk	MYOR

77	PT. Tembaga Mulia Semanan Tbk	TBMS
78	PT. Metrodata Electronics Tbk	MTDL
79	PT. Eterindo Wahanatama Tbk	ETWA
80	PT. Alumindo Light Metal Industry Tbk	ALMI
81	PT. Panasia Indosyntec Tbk	PAFI
82	PT. Lautan Luas Tbk	LTLS
83	PT. Fajar Surya Wisesa Tbk	FASW
84	PT. Asahimas Flat Glass Co. Ltd. Tbk	AMFG
85	PT. Barito Pacific Timber Tbk	BRPT
86	PT. Branta Mulia Tbk	BRAM
87	PT. Aneka Kimia Raya Tbk	AKRA
88	PT. Kimia Farma Tbk	KAEF
89	PT. Unggul Indah Cahaya Tbk	UNIC
90	PT. Modern Photo Film Company Tbk	MDRN
91	PT. Teijin Indonesia Fiber Coperation Tbk	TFCO
92	PT. Tempo Scan Pacific Tbk	TSPC
93	PT. Semen Cibinong Tbk	SMCB
94	PT. APAC Citra Centertex Tbk	MYTX
95	PT. Mulia Industrindo Tbk	MLIA
96	PT. Astra Otoparts Tbk	AUTO
97	PT. Tunas Ridean Tbk	TURI
98	PT. Kalbe Farma Tbk	KLBF
99	PT. GT Petrochem Industries Tbk	ADMG
100	PT. Sinar Mas Agro Resources and Technology Tbk	SMAR
101	PT. Polysindo Eka Perkasa Tbk	POLY
102	PT. Indocement Tunggul Prakarsa Tbk	INTP
103	PT. Gajah Tunggul Tbk	GJTL
104	PT. Semen Gresik Tbk	SMGR
105	PT. Unilever Indonesia Tbk	UNVR
106	PT. United Tractors Tbk	UNTR
107	PT. Pabrik Kertas Tjiwi Kimia Tbk	TKIM
108	PT. Indah Kiat Pulp & Paper Cooperation Tbk	INKP
109	PT. Hanjaya Mandala Sampoerna Tbk	HMSP
110	PT. Indofood Sukses Makmur Tbk	INDF
111	PT. Gudang Garam Tbk	GGRM
112	PT. Astra International Tbk	ASII

## 2. DAFTAR NAMA PERUSAHAAN SAMPEL TAHAP AWAL

No	Nama Emiten	KODE
1	PT. Betonjaya Manunggal Tbk	BTON
2	PT. Lapindo International Tbk	LAPD
3	PT. Multi Prima Sejahtera Tbk	LPIN
4	PT. Lion Metal Works Tbk	LION
5	PT. Plastpack Prima Industri Tbk	PLAS
6	PT. Lionmesh Prima Tbk	LMSH
7	PT. Siwani Makmur Tbk	MITI
8	PT. Duta Pertiwi Nusantara Tbk	DPNS
9	PT. Kabelindo Murni Tbk	KBLM
10	PT. Ekadharna Tape Industries Tbk	EKAD
11	PT. Jakarta Kyoei Steel Works Ltd Tbk	JKSW
12	PT. Inter Delta Tbk	INTD
13	PT. Intanwijaya Internasional Tbk	INCI
14	PT. Daeyu Orchid Indonesia Tbk	DOID
15	PT. Schering-plough Indonesia Tbk	SCPI
16	PT. Kedaung Indah Can Tbk	KICI
17	PT. Tira Austenite Tbk	TIRA
18	PT. Andhi Chandra Automotive Products Tbk	ACAP
19	PT. Arwana Citramulia Tbk	ARNA
20	PT. Mustika Ratu Tbk	MRAT
21	PT. Nipress Tbk	NIPS
22	PT. Surya Intrindo Makmur Tbk	SIMM
23	PT. Summiplast Interbenua Tbk	SMPL
24	PT. Asiaplast Industries Tbk	APLI
25	PT. Pelangi Indah Canindo Tbk	PICO
26	PT. Kurnia Kapuas Utama Glue Industries Tbk	KKGI
27	PT. Cahaya Kalbar Tbk	CEKA
28	PT. Jaya Pari Steel Tbk	JPRS

### 3. DAFTAR NAMA PERUSAHAAN SAMPEL TAHAP PERTUMBUHAN

No	Nama Emiten	KODE
1	PT. Indospring Tbk	INDS
2	PT. Roda Vivatex Tbk	RDTX
3	PT. Berlina Tbk	BRNA
4	PT. Merck Indonesia Tbk	MERK
5	PT. Prima Alloy Steel Universal Tbk	PRAS
6	PT. Ricky Putra Globalindo Tbk	RICY
7	PT. Jembo Cable Company Tbk	JECC
8	PT. Igar Jaya Tbk	IGAR
9	PT. Pan Brothers Tex Tbk	PBRX
10	PT. Sarasa Nugraha Tbk	SRSN
11	PT. Hanson Industri Utama Tbk	MYRX
12	PT. Sepatu Bata Tbk	BATA
13	PT. Tirta Mahakam Plywood Industry Tbk	TIRT
14	PT. Delta Jakarta Tbk	DLTA
15	PT. Intraco Penta Tbk	INTA
16	PT. Eratex Djaja Limited Tbk	ERTX
17	PT. Ultra Jaya Milk Industry and Trading Company Tbk	ULTJ
18	PT. Dynaplast Tbk	DYNA
19	PT. Voksel Electric Tbk	VOKS
20	PT. Suparma Tbk	SPMA
21	PT. Kedawung Setia Industrial Tbk	KDSI
22	PT. Ever Shine Textile Industry Tbk	ESTI
23	PT. Surya Dumai Industri Tbk	SUDI
24	PT. Sorini Corporation Tbk	SOBI
25	PT. Sunson Textile Manufacturer Tbk	SSTM
26	PT. Siantar Top Tbk	STTP
27	PT. Multi Bintang Indonesia Tbk	MLBI
28	PT. Daya Sakti Unggul Corporation Tbk	DSUC

#### 4. DAFTAR NAMA PERUSAHAAN SAMPEL TAHAP DEWASA

No	Nama Emiten	KODE
1	PT. Panasia Flament Inti Tbk	PAFI
2	PT. Mandom Indonesia Tbk	TCID
3	PT. Selamat Sempurna Tbk	SMSM
4	PT. Indofarma Tbk	INAF
5	PT. Goodyear Indonesia Tbk	GDYR
6	PT. Sumi Indo Kabel Tbk	IKBI
7	PT. Davomas Abadi Tbk	DAVO
8	PT. Fast Food Indonesia Tbk	FAST
9	PT. Tunas Baru Lampung Tbk	TBLA
10	PT. Karwell Indonesia Tbk	KARW
11	PT. Astra Graphia Tbk	ASGR
12	PT. Trias Sentosa Tbk	TRST
13	PT. BAT Indonesia Tbk	BATI
14	PT. Budi Acid Jaya Tbk	BUDI
15	PT. Sumalindo Lestari Jaya Tbk	SULI
16	PT. Argha Karya Prima Industry Tbk	AKPI
17	PT. Aqua Golden Mississippi Tbk	AQUA
18	PT. Petrosea Tbk	PTRO
19	PT. Sari Husada Tbk	SHDA
20	PT. Mayora Indah Tbk	MYOR
21	PT. Tembaga Mulia Semanan Tbk	TBMS
22	PT. Metrodata Electronics Tbk	MTDL
23	PT. Eterindo Wahanatama Tbk	ETWA
24	PT. Alumindo Light Metal Industry Tbk	ALMI
25	PT. Panasia Indosyntec Tbk	PAFI
26	PT. Lautan Luas Tbk	LTLS
27	PT. Fajar Surya Wisesa Tbk	FASW
28	PT. Asahimas Flat Glass Co. Ltd. Tbk	AMFG

**5. DAFTAR NAMA PERUSAHAAN SAMPEL TAHAP PENURUNAN**

<b>No</b>	<b>Nama Emiten</b>	<b>KODE</b>
1	PT. Barito Pacific Timber Tbk	BRPT
2	PT. Branta Mulia Tbk	BRAM
3	PT. Aneka Kimia Raya Tbk	AKRA
4	PT. Kimia Farma Tbk	KAEF
5	PT. Unggul Indah Cahaya Tbk	UNIC
6	PT. Modern Photo Film Company Tbk	MDRN
7	PT. Teijin Indonesia Fiber Coperation Tbk	TFCO
8	PT. Tempo Scan Pacific Tbk	TSPC
9	PT. Semen Cibinong Tbk	SMCB
10	PT. APAC Citra Centertex Tbk	MYTX
11	PT. Mulia Industrindo Tbk	MLIA
12	PT. Astra Otoparts Tbk	AUTO
13	PT. Tunas Ridean Tbk	TURI
14	PT. Kalbe Farma Tbk	KLBF
15	PT. GT Petrochem Industries Tbk	ADMG
16	PT. Sinar Mas Agro Resources and Technology Tbk	SMAR
17	PT. Polysindo Eka Perkasa Tbk	POLY
18	PT. Indocement Tunggul Prakarsa Tbk	INTP
19	PT. Gajah Tunggul Tbk	GJTL
20	PT. Semen Gresik Tbk	SMGR
21	PT. Unilever Indonesia Tbk	UNVR
22	PT. United Tractors Tbk	UNTR
23	PT. Pabrik Kertas Tjiwi Kimia Tbk	TKIM
24	PT. Indah Kiat Pulp & Paper Cooperation Tbk	INKP
25	PT. Hanjaya Mandala Sampoerna Tbk	HMSP
26	PT. Indofood Sukses Makmur Tbk	INDF
27	PT. Gudang Garam Tbk	GGRM
28	PT. Astra International Tbk	ASII



LAMPIRAN 2 :

DATA PER VARIABEL SECARA  
PANEL DARI TAHUN 2002-2005



No	KODE	RETURN GEOMETRIK			
		2002	2003	2004	2005
1	BTON	0.00091	0.00098	0.00001	0.00001
2	LAPD	-0.00116	0.00026	-0.00058	-0.00022
3	LPIN	0.00091	0.00033	0.00212	-0.00004
4	LION	0.0091	0.00052	0.00397	0.00212
5	PLAS	-0.00187	-0.00168	0.01855	0.00909
6	LMSH	-0.00361	0.00188	0.00598	0.00342
7	MITI	-0.0024	0.00139	0.00168	0.00084
8	DPNS	-0.00244	0.00027	0.0052	0.00262
9	KBLM	-0.00315	0.00064	-0.00111	-0.00041
10	EKAD	0.00043	0.00266	-0.00597	-0.00233
11	JKSW	0.00208	0.00406	0.00033	0.00017
12	INTD	-0.0087	0.00182	0.00048	0.00067
13	INCI	-0.00158	0.00036	0.00113	0.00006
14	DOID	-0.00043	0.00119	-0.00061	0.00328
15	SCPI	-0.00464	0.00025	0.00102	0.00042
16	KICI	0.00033	-0.00201	-0.00021	-0.0001
17	TIRA	0.00043	-0.0022	0.00298	0.00122
18	ACAP	-0.00581	0.00027	-0.00009	-0.00021
19	ARNA	0.00066	0.00448	-0.00029	-0.00025
20	MRAT	-0.00507	0.00078	-0.00075	-0.00131
21	NIPS	0.00172	0.00082	-0.00159	0.00088
22	SIMM	-0.00107	-0.00331	-0.0003	-0.00087
23	SMPL	-0.0002	-0.00057	-0.00025	0.00056
24	APLI	-0.0024	0.00139	-0.00064	-0.00101
25	PICO	0.00228	0.00379	-0.00162	-0.00223
26	KKGI	-0.00461	0.00194	0.00113	0.00005
27	CEKA	0.00157	-0.00018	0.00051	0.00123
28	JPRS	0.0015	0.0046	0.0026	0.00117
29	INDS	0.00225	0.00031	-0.00078	-0.00077
30	RDTX	-0.00066	-0.00044	-0.00048	-0.0003
31	BRNA	0.0014	0.00063	-0.00119	-0.00112
32	MERK	-0.0002	0.00194	0.00167	0.0008
33	PRAS	0.0057	0.00101	0.00359	-0.00181
34	RICY	-0.00589	0.00419	0.00933	0.00414
35	JECC	0.00222	-0.00328	-0.00155	-0.00116
36	IGAR	0.0011	0.00192	-0.00229	-0.00124
37	PBRX	0.00304	-0.00679	0.00038	0.00003

38	SRSN	-0.00117	0.00309	-0.00477	0.00011
39	MYRX	0.00209	-0.00498	0.00288	0.00166
40	BATA	0.00028	-0.00026	-0.00032	-0.0001
41	TIRT	-0.00074	0.00075	0.00104	-0.00056
42	DLTA	0.00031	0.00024	0.0014	0.0024
43	INTA	-0.00017	0.00106	0.00173	0.00114
44	ERTX	-0.00302	0.0002	-0.00418	-0.00262
45	ULTJ	-0.00063	-0.00119	-0.0007	-0.00144
46	DYNA	0.00225	0.00206	-0.00007	-0.00096
47	VOKS	-0.00176	-0.00152	0.00026	0.00136
48	SPMA	0.00026	0.00379	-0.00097	-0.00027
49	KDSI	-0.00195	0.0005	-0.00179	-0.00202
50	ESTI	-0.00026	-0.00361	-0.00396	-0.00197
51	SUDI	-0.00063	-0.00065	-0.00011	-0.00014
52	SOBI	0.00107	0.00168	0.00019	0.00014
53	SSTM	-0.00541	0.00183	-0.00051	0.00134
54	STTP	-0.00015	-0.00152	-0.00034	-0.00069
55	MLBI	0.0011	0.00063	0.00118	0.00092
56	DSUC	-0.00017	-0.00194	0.00913	0.00392
57	PAFI	-0.00228	-0.00093	0.00305	0.00078
58	TCID	-0.00137	0.00186	0.00192	0.00095
59	SMSM	-0.00088	-0.007	0.00104	0.00072
60	INAF	0.00106	-0.00143	-0.00363	-0.00261
61	GDYR	-0.00049	-0.00061	0.00345	0.00158
62	IKBI	-0.00315	-0.00046	0.00169	0.00055
63	DAVO	-0.00717	0.00629	-0.00102	-0.00253
64	FAST	0.00061	0.00011	0.00053	0.00005
65	TBLA	0.00357	0.00027	0.00069	0.0001
66	KARW	-0.00054	0.00065	-0.00015	-0.00062
67	ASGR	-0.0011	0.00075	-0.00153	-0.001
68	TRST	0.00335	0.00206	-0.00262	-0.00202
69	BATI	0.00143	-0.00041	0.00036	-0.0002
70	BUDI	-0.00019	-0.0002	0.00039	-0.00011
71	SULI	-0.00267	0.00218	0.00459	0.00342
72	AKPI	-0.0007	0.00612	-0.00276	-0.0018
73	AQUA	0.00028	0.001	-0.00103	-0.00033
74	PTRO	-0.00007	0.00051	0.00436	0.00268
75	SHDA	0.00032	0.00155	-0.00791	-0.00271
76	MYOR	0.0007	0.00345	0.00131	-0.00082

77	TBMS	-0.00325	0.00083	0.00129	0.00084
78	MTDL	-0.00017	-0.00101	-0.00165	-0.00122
79	ETWA	-0.00026	0.00339	-0.00258	-0.00116
80	ALMI	-0.00473	0.00135	0.00136	0.00018
81	PAFI	-0.00228	-0.00093	0.00305	0.00078
82	LTLS	-0.00117	0.00191	-0.00021	0.00046
83	FASW	-0.00063	0.00181	0.00082	0.00045
84	AMFG	0.00024	0.00165	-0.00055	0.00052
85	BRPT	0.0024	0.00455	0.00044	0.00074
86	BRAM	-0.00063	0.00309	-0.00262	-0.00074
87	AKRA	-0.00017	0.00168	0.00271	0.00203
88	KAEF	-0.00061	0.00053	-0.0014	-0.00134
89	UNIC	-0.00015	0.00331	-0.00088	-0.00034
90	MDRN	0.0065	0.00179	-0.00097	-0.00048
91	TFCO	-0.00017	-0.00018	-0.00033	0.00043
92	TSPC	0.00097	0.00148	0.00154	0.00021
93	SMCB	0.00398	0.00425	-0.0002	-0.00054
94	MYTX	-0.00244	0.00193	-0.00213	-0.00194
95	MLIA	-0.00031	0.00262	0.00001	-0.00125
96	AUTO	0.00055	0.00042	-0.0001	0.00087
97	TURI	0.00097	0.00021	0.00307	0.00144
98	KLBF	0.00082	0.00535	-0.00091	0.00061
99	ADMG	-0.00036	0.00508	-0.00092	-0.00064
100	SMAR	-0.00054	0.00616	-0.00024	-0.00251
101	POLY	-0.00091	0.00168	0.00168	0.00084
102	INTP	0.0015	0.00475	-0.00063	-0.00008
103	GJTL	0.00218	0.00361	-0.00019	-0.00051
104	SMGR	0.00161	-0.00015	0.00312	0.00149
105	UNVR	0.00044	-0.00665	0.00013	0.00068
106	UNTR	-0.00068	0.00585	0.00119	0.00158
107	TKIM	-0.00072	0.00543	0.00369	0.00218
108	INKP	0.00316	0.00571	0.00052	-0.00003
109	HMSP	0.00059	0.00079	0.00179	0.00142
110	INDF	-0.00017	0.00119	-0.00108	-0.00037
111	GGRM	-0.00017	0.00204	-0.0002	-0.00053
112	ASII	0.00196	0.00191	0.00278	0.00137

No	KODE	LBK				AKBK				NBEK			
		2002	2003	2004	2005	2002	2003	2004	2005	2002	2003	2004	2005
1	BTON	0.92174	-0.95472	20.73006	-0.25087	-0.84385	-0.04476	2.07508	0.20799	0.09686	0.00493	0.05337	0.07586
2	LAPD	0.64159	-0.77713	1.72667	-4.07049	-0.41092	-0.05839	-0.35838	-0.50537	0.07822	0.01782	0.04947	-0.19794
3	LPIN	2.47756	-1.02963	-4.72162	-2.32073	1.02071	0.18584	0.01258	-0.99919	4.89085	-0.00760	-0.05116	-0.15341
4	LION	-0.73450	0.03401	6.31439	-0.19233	-0.04453	0.17534	-0.11267	0.19131	0.03632	0.09971	0.23315	0.11469
5	PLAS	-0.42078	-2.02319	-1.51866	1.91338	12.58225	0.35785	1.01989	-0.61316	0.02830	-0.04190	1.95709	0.41149
6	LMSH	0.54277	0.15535	2.22095	-0.25395	-0.87321	1.42876	-0.04868	0.45801	0.15145	0.13063	0.37452	0.21300
7	MITI	-0.65389	-28.66511	1.07120	0.05158	-0.09266	0.09401	1.31760	0.55728	0.00906	-0.43919	0.07315	0.05463
8	DPNS	-0.75438	-1.62589	4.89745	-0.30766	-0.32232	-0.33277	0.98419	0.31644	-0.00451	-0.02656	0.02879	0.01207
9	KBLM	0.40448	-0.06531	0.44513	1.55796	0.13415	-0.62454	1.85718	1.37983	-0.19055	-0.25079	-0.06308	0.11061
10	EKAD	0.04522	-0.30489	-0.04630	0.25207	-0.15508	-0.12015	-0.31456	-0.23704	0.04400	0.02506	0.04517	0.05321
11	JKSW	1.29381	0.62524	-2.08988	1.25498	0.38017	0.12217	-0.12650	-0.30805	0.22642	0.10526	-0.13821	0.02872
12	INTD	-5.77406	2.72624	-0.99393	-8.16355	0.35764	1.86752	-0.09389	-0.77005	-0.39767	0.49812	0.00602	-0.04339
13	INCI	-0.79948	0.63643	0.62867	-0.02010	-0.10318	-0.10582	0.75052	-0.31669	-0.01348	0.04414	0.06379	0.04605
14	DOID	-1.38012	0.01332	1.86538	2.82057	-0.25273	0.51771	3.62291	-0.93279	-0.17593	0.00675	10.04360	0.22499
15	SCPI	0.89136	3.28478	-1.13883	-1.60121	0.91786	0.09524	-0.51803	-0.54034	-0.24735	0.75088	-0.65910	-0.45431
16	KICI	-1.36149	-3.20001	-0.37588	0.44029	-0.75117	0.85302	0.18071	0.11402	-0.05075	-0.12104	-0.18076	-0.15602
17	TIRA	-0.46904	-0.24156	3.20367	-0.73847	0.10061	2.49247	-0.41015	0.21178	0.05922	0.04240	0.07168	0.04173
18	ACAP	-0.25623	0.20704	0.45921	-0.21868	0.20566	0.06558	-0.96672	4.38440	-0.02169	0.03676	-0.06382	0.25469
19	ARNA	0.40830	0.37348	0.21977	0.40928	-0.36174	2.18673	-0.57919	-0.78651	0.68725	0.14365	0.13976	0.18072
20	MRAT	-0.87729	0.19714	1.46177	-0.35289	0.04481	-0.39069	0.07949	0.00281	0.01081	-0.02416	0.00791	0.03240
21	NIPS	3.47323	-0.70078	-2.20436	2.06830	0.30660	0.10444	-0.19818	-0.66197	1.93033	5.87270	-0.03454	0.03822
22	SIMM	-2.54326	-3.93657	0.71048	-0.42461	-0.48998	-0.93650	-0.33810	2.20041	-0.06178	-0.30903	-0.13061	-0.21403
23	SMPL	-1.30547	1.54520	4.15391	-1.56918	-0.46647	-0.09037	-0.10320	1.40702	-0.02371	0.00910	0.06903	-0.05368
24	APLI	-3.36409	1.02333	-28.09932	0.41397	-0.13833	1.19983	2.87443	-0.00613	-0.07422	0.00187	-0.05059	-0.03123
25	PICO	20.43794	-1.08128	4.46928	0.33204	0.52489	-0.56462	2.20090	1.78197	1.85002	-0.73928	0.91778	0.41764
26	KKGI	-1.37864	0.30856	0.63664	-7.86551	-0.76754	0.97940	-0.46782	0.99262	-0.01255	-0.00879	-0.00322	0.67098
27	CEKA	3.03035	-0.67437	-8.63384	0.10908	-0.91251	2.16759	-0.20517	1.25556	0.04488	0.00719	-0.12238	-0.10761
28	JPRS	0.59486	-0.28000	4.47081	-0.45452	3.97609	-0.70982	18.57740	9.49212	0.30650	0.16891	0.64683	0.26185

29	INDS	3.88280	-0.85518	-5.17697	0.68767	-0.48052	-0.05797	-0.54936	2.26217	0.82377	0.05171	0.02090	-0.09225
30	RDTX	-2.31703	1.73274	0.82520	0.73354	-0.58604	1.81736	-0.74748	0.14830	-0.03145	0.02382	0.05750	0.07709
31	BRNA	-0.17457	-0.70216	0.79883	-0.79285	-0.00130	-0.36755	0.71269	-0.24267	0.26486	-0.03160	0.03171	-0.01799
32	MERK	-0.33635	0.35137	0.13164	0.00806	0.13368	-0.04724	-0.42337	0.13943	0.17059	0.06875	-0.03437	0.17102
33	PRAS	22.18247	-0.47838	0.00419	-0.61622	-0.56461	3.05837	1.07911	-0.00582	0.83744	1.27342	0.09471	0.03681
34	RICY	0.88812	1.75550	6.56153	0.37170	0.14943	0.19525	-0.67589	-0.04396	-0.32984	0.37184	15.25182	0.17220
35	JECC	3.88297	-0.66602	-0.43872	-3.20033	-0.15238	0.00149	-0.54160	-0.02629	0.07076	0.00704	-0.00753	-0.03004
36	IGAR	-0.39610	2.32136	0.63269	-0.47610	3.66363	-0.32523	-0.58932	0.10283	0.04895	0.25030	0.18746	0.04269
37	PBRX	-0.10828	-0.63917	0.32829	0.33204	-0.22004	-0.69373	-0.16054	1.78197	0.20128	0.00085	0.05815	0.41764
38	SRSN	-2.11989	-1.47730	-0.22910	1.45353	-0.90317	1.33391	2.24542	-0.74768	-0.17412	-0.25295	-0.20187	6.25245
39	MYRX	-1.75559	0.77039	1.15472	-6.21719	-0.50068	0.54538	0.00128	-0.01041	5.94339	-0.05169	0.00837	-0.04332
40	BATA	-0.23802	-0.25704	-0.01731	-0.28952	-0.59543	-0.61300	0.22299	0.48493	0.05229	0.06222	0.07751	0.03272
41	TIRT	-0.59602	-0.43909	0.59920	0.00430	3.18465	-0.69677	0.48755	-0.37859	0.11398	0.13572	0.24619	0.02847
42	DLTA	0.00548	-0.14921	0.01466	0.45720	0.89531	0.07147	1.29572	0.13479	0.14975	0.10757	0.08697	0.14300
43	INTA	0.03249	-0.83160	1.05458	2.30830	-0.05147	5.81221	0.41749	-0.41850	0.12572	0.02072	0.04444	1.31560
44	ERTX	-0.34766	-11.97369	0.50584	0.29421	-0.57163	-0.70316	-0.34190	1.60451	0.04537	-0.67209	-0.93977	-11.0590
45	ULTJ	-0.37801	-0.60411	-0.41023	0.02571	-0.81662	0.68360	6.45805	-0.70966	0.03730	0.06652	0.44450	0.00559
46	DYNA	0.41385	0.16374	-0.12692	-0.56734	0.21482	-0.63339	0.65456	-0.53488	0.26877	0.14036	0.08664	-0.01838
47	VOKS	1.56523	-2.41307	-1.41842	1.72246	-0.49608	1.36897	-0.07381	0.83614	0.12154	-0.18734	-0.52833	2.53825
48	SPMA	0.05735	1.19548	-6.66545	1.12813	-0.21273	3.30705	-0.59103	-0.51970	-0.21429	0.05332	0.79196	0.02051
49	KDSI	-0.81620	4.88583	0.29620	-0.70205	0.85769	1.05131	-0.27137	1.36480	-0.02558	-0.15449	-0.17303	-0.08533
50	ESTI	-0.95042	-20.89820	0.50923	0.36813	0.15017	-0.61298	-0.35677	0.68422	-0.00700	-0.07486	-0.03492	-0.02665
51	SUDI	-0.20375	1.56435	-1.35242	-1.00179	-0.32612	-0.42226	-0.51812	0.08367	-0.41957	0.64209	-0.23995	-0.38954
52	SOBI	-0.97103	0.26342	0.07001	0.00576	0.02931	-0.18459	-0.05213	-0.41955	0.11720	0.05237	0.18927	0.09091
53	SSTM	1.04560	-0.61993	-6.81454	-0.00520	-0.41985	0.32005	0.12377	-0.78213	0.07733	0.20806	-0.14616	-0.17382
54	STTP	0.35914	0.03030	-0.08283	-0.62809	-0.24642	0.10757	0.33298	-0.20366	0.12661	0.11578	0.05812	0.03345
55	MLBI	-0.25287	0.06080	-0.03224	-0.00342	-0.15732	-0.04698	0.02678	-0.86071	-0.03078	-0.05176	-0.06993	-0.08665
56	DSUC	1.77534	-1.90605	0.76651	-7.54942	-0.51629	0.56925	-0.40100	-0.19109	0.34210	-0.23095	-0.05853	-0.63675
57	PAFI	-0.54154	-2.65105	-0.39789	0.42451	-0.15937	-0.07440	-0.10632	-0.15407	0.37421	-0.33642	0.23080	-0.33137
58	TCID	0.24173	0.07549	0.31996	0.12574	0.48512	0.77316	-0.71509	-0.23239	0.14577	0.12883	0.16103	0.15504

59	SMSM	-0.26394	0.19085	0.19777	0.04818	1.20137	-0.23495	-0.91986	5.28524	0.05132	0.02645	-0.03965	0.07974
60	INAF	-1.48821	-1.16579	1.05587	0.32543	-0.52956	-0.15162	0.34174	-0.56878	-0.23571	-0.33186	-0.01999	0.03753
61	GDYR	0.40332	-0.09543	0.67899	-1.02901	-0.09701	1.02498	0.08055	0.31349	0.04458	0.02529	0.03262	-0.05886
62	IKBI	-1.27957	-1.17677	1.75728	2.23608	-0.13097	-0.17463	0.09810	-0.12830	-0.02392	-0.03038	0.02405	0.06821
63	DAVO	2.59741	3.16043	0.07544	-0.08982	0.45100	2.28049	2.23559	1.56540	0.07197	0.18454	0.16754	0.13061
64	FAST	0.45387	-0.03640	0.02855	0.10654	0.12715	-0.04661	0.30364	-0.02718	0.31484	0.21311	0.17525	0.17061
65	TBLA	6.75313	-0.39218	-0.34933	-0.62206	-0.61115	-0.03079	-0.04618	0.34031	0.19419	0.05272	0.01115	0.00269
66	KARW	0.96896	-10.73881	1.01858	2.03494	-0.42855	-0.01784	-0.14485	-0.06339	-0.02758	-0.33092	-0.08276	0.03046
67	ASGR	1.68952	-0.70150	0.74344	-0.03395	0.43441	0.67035	0.14972	-0.34506	0.30767	0.04235	-0.00438	-0.13960
68	TRST	-0.26013	-0.22786	-0.82961	-0.43281	-0.14132	-0.12190	-0.86647	0.39022	0.55146	0.54135	0.00093	0.00250
69	BATI	0.04197	-0.58244	-1.41342	1.93535	-0.49546	-0.17872	0.38276	2.84705	0.00328	0.03383	-0.05962	0.05036
70	BUDI	1.35333	-0.31973	-0.63404	0.53293	-0.02068	0.17475	-0.69586	-0.23123	0.04486	0.02921	0.34080	0.03091
71	SULI	-1.40728	-0.08719	0.28810	1.00633	0.21580	-0.25736	1.10361	-0.42988	-1.07045	-0.56210	1.10155	3.68676
72	AKPI	2.60897	0.41375	-0.98392	0.69793	-0.73707	0.91033	-0.31185	0.35619	0.46643	2.82464	0.00582	0.03502
73	AQUA	0.37688	-0.06109	0.47544	-0.29735	0.28053	0.13803	0.39958	-0.25315	0.64206	-0.18466	0.60957	0.14067
74	PTRO	-0.80096	0.05165	1.34584	0.44909	0.14854	1.90672	0.38281	-0.65132	0.03374	0.04397	0.02677	0.09141
75	SHDA	-0.21118	0.24431	-0.17559	0.59320	0.13336	0.60431	0.05845	-0.27463	0.23186	0.16683	0.04746	-0.07730
76	MYOR	2.83765	-0.29185	0.00579	-0.46267	0.27256	-0.25201	-0.66162	0.84848	0.18431	0.08235	0.08064	0.02966
77	TBMS	0.08600	-0.62217	-1.48738	-3.43614	-0.25627	-0.62498	1.85018	-0.37288	0.21482	0.06354	-0.04942	-0.17324
78	MTDL	-1.35638	1.02211	13.60861	0.33081	-0.72570	0.11229	1.12053	0.01243	-0.20479	0.00652	0.07391	0.06730
79	ETWA	0.90988	-0.17369	-0.23406	0.94532	-0.76258	-0.94448	0.95311	-0.20691	-0.06753	2.15505	-0.09779	-0.00593
80	ALMI	-1.43268	-1.50553	1.98408	0.04316	-0.48957	-0.81821	0.75931	-0.30601	-0.04026	-0.10503	0.11827	0.10772
81	PAFI	3.64693	-1.23941	0.36439	6.25179	-0.04787	-0.05368	3.49036	0.52497	0.41844	-0.12341	2.72083	0.09463
82	LTLS	-0.60284	-0.60683	5.78882	0.00978	-0.47566	0.26108	0.00187	0.16512	0.01740	0.00679	0.12718	0.10230
83	FASW	-0.02609	-0.70194	-0.91143	0.24382	-0.39347	-0.09648	-0.16727	0.18436	0.21219	0.05217	-0.00028	0.00546
84	AMFG	0.63654	-0.20991	0.26634	0.02786	-0.50252	-0.56896	0.47763	-0.36429	0.34557	0.18218	0.20176	0.16452
85	BRPT	1.16203	-0.06090	-1.62408	5.79383	1.80546	-0.65851	0.24725	13.23961	2.09411	-1.35056	-0.30722	2.87576
86	BRAM	0.54011	-0.32527	-0.42656	1.81686	-0.21582	-0.21001	0.33458	-0.31440	0.18426	0.12682	0.11793	0.15667
87	AKRA	-0.81381	0.13253	0.43402	0.54466	-0.14335	0.04405	0.50362	-0.61878	0.10812	0.10814	0.81185	0.14163
88	KAEF	-0.73229	0.21241	0.81125	-0.32060	-0.58647	1.14263	-0.49855	-0.16308	-0.07724	0.11392	0.07970	0.03638

89	UNIC	0.01733	-0.17634	1.35779	-0.71640	0.66963	1.23754	-0.48633	-0.51627	0.13631	0.13467	0.17480	0.03615
90	MDRN	14.01976	-0.51871	-6.08580	0.34133	-0.14572	-0.16915	0.22772	-0.42701	0.11550	0.04984	-0.30185	-0.22777
91	TFCO	-4.91570	-0.61594	2.99000	0.74678	-0.33434	-0.31058	1.11675	-0.56637	-0.05257	-0.08892	-0.18905	-0.42185
92	TSPC	-0.00195	0.02020	0.00122	-0.08130	0.08682	0.01259	0.14737	-0.10337	0.12041	0.09416	0.08271	0.06333
93	SMCB	-0.56816	-0.65347	-4.06191	0.37336	1.40006	1.84133	-0.07242	-0.07627	8.37381	0.05922	-0.18949	-0.14447
94	MYTX	0.56544	-0.05769	0.15439	-0.01341	0.05198	1.55322	-0.59011	0.07017	-4.33221	3.54517	-0.30104	-0.41323
95	MLIA	1.69851	-1.53775	-2.85093	-0.22907	-0.56669	1.60952	-0.23839	-0.62492	0.22745	-0.15832	-0.53936	-0.42025
96	AUTO	0.00667	-0.19808	0.08120	0.25036	-0.08580	-0.39398	-0.37499	0.58652	1.20821	-0.34769	0.17059	0.17009
97	TURI	-0.07421	0.11735	0.85935	-0.06547	0.35889	0.72070	-0.20955	2.62349	0.16039	0.11795	0.26105	3.59001
98	KLBF	7.17174	0.20961	0.39585	0.44960	0.73536	0.19212	0.41933	0.26619	1.21909	0.69203	0.92851	0.49439
99	ADMG	3.28453	-0.61618	-0.42617	-0.90845	-0.50483	0.05827	0.28906	-0.17607	0.64390	0.68828	5.05671	0.02600
100	SMAR	1.46852	-0.75240	-2.54937	3.81774	0.35020	-0.29416	1.34834	0.73281	0.44206	0.24306	-0.37626	6.53234
101	POLY	0.53157	-3.40041	-0.78706	0.58894	-0.86345	-0.00680	-0.17998	0.43176	0.05851	-0.03229	-0.37270	0.44455
102	INTP	17.49080	-0.35614	-0.82691	5.37531	0.06932	0.09676	0.02449	0.61990	0.37831	0.19039	0.02699	0.20911
103	GJTL	25.96246	-0.97260	-0.43366	-0.27463	-0.47050	0.01575	-0.61888	1.66396	1.13510	2.01712	0.21813	3.44002
104	SMGR	-0.15340	0.48458	0.27545	1.00931	-0.73179	0.17842	0.42230	0.48533	0.03480	0.07383	0.03679	0.23192
105	UNVR	0.10294	0.32554	0.12915	-0.01618	0.25548	-0.18127	-0.30981	-0.10082	0.16870	0.03758	0.07768	-0.03760
106	UNTR	0.26304	0.13969	2.20958	-0.04447	-0.06380	0.80902	0.05782	-0.22484	0.34705	0.35652	1.08406	0.32289
107	TKIM	0.10011	0.36182	7.11399	-0.90263	0.79872	-0.64710	1.20816	0.92625	-0.13032	-0.06741	0.44190	0.02984
108	INKP	2.39864	0.07632	0.36932	-0.97953	0.03516	-0.53653	0.06996	0.66901	-0.03789	-0.14871	0.23921	0.00395
109	HMSP	0.74907	-0.15812	0.41583	0.19641	0.34857	-0.69148	0.28681	-0.44287	0.24974	0.10912	-0.15758	-0.05842
110	INDF	0.01724	-0.24812	-0.35886	-0.67947	0.64006	0.11784	-0.08866	-0.30354	0.02839	0.11772	0.02346	0.02829
111	GGRM	-0.00023	-0.11894	-0.02636	0.05554	0.95495	-0.11025	0.30557	-0.22155	0.18437	0.12989	0.11056	0.07613
112	ASII	3.30617	0.21585	0.22253	0.00958	0.34539	-0.04778	0.17033	-0.26051	1.53175	0.80205	0.40770	0.23896



LAMPIRAN 3 :

DATA PER VARIABEL TAHAP  
AWAL DARI TAHUN 2002-2005



No	KODE	Total Penjualan	Tahap Siklus	RETURN GEOMETRIK			
				2002	2003	2004	2005
1	BTON	83331531550	Tahap Awal	0.00091	0.00098	0.00001	0.00001
2	LAPD	128286197049	Tahap Awal	-0.00116	0.00026	-0.00058	-0.00022
3	LPIN	153960808632	Tahap Awal	0.00091	0.00033	0.00212	-0.00004
4	LION	191113314546	Tahap Awal	0.0091	0.00052	0.00397	0.00212
5	PLAS	197641756709	Tahap Awal	-0.00187	-0.00168	0.01855	0.00909
6	LMSH	219343115183	Tahap Awal	-0.00361	0.00188	0.00598	0.00342
7	MITI	262626686891	Tahap Awal	-0.0024	0.00139	0.00168	0.00084
8	DPNS	273327664965	Tahap Awal	-0.00244	0.00027	0.0052	0.00262
9	KBLM	288854341442	Tahap Awal	-0.00315	0.00064	-0.00111	-0.00041
10	EKAD	322591666661	Tahap Awal	0.00043	0.00266	-0.00597	-0.00233
11	JKSW	348242398977	Tahap Awal	0.00208	0.00406	0.00033	0.00017
12	INTD	358482515375	Tahap Awal	-0.0087	0.00182	0.00048	0.00067
13	INCI	370479640234	Tahap Awal	-0.00158	0.00036	0.00113	0.00006
14	DOID	373383234736	Tahap Awal	-0.00043	0.00119	-0.00061	0.00328
15	SCPI	413685012693	Tahap Awal	-0.00464	0.00025	0.00102	0.00042
16	KICI	434709328015	Tahap Awal	0.00033	-0.00201	-0.00021	-0.0001
17	TIRA	469930216071	Tahap Awal	0.00043	-0.0022	0.00298	0.00122
18	ACAP	538144545543	Tahap Awal	-0.00581	0.00027	-0.00009	-0.00021
19	ARNA	568730272868	Tahap Awal	0.00066	0.00448	-0.00029	-0.00025
20	MRAT	569625935781	Tahap Awal	-0.00507	0.00078	-0.00075	-0.00131
21	NIPS	595158545243	Tahap Awal	0.00172	0.00082	-0.00159	0.00088
22	SIMM	602124657308	Tahap Awal	-0.00107	-0.00331	-0.0003	-0.00087
23	SMPL	604373718119	Tahap Awal	-0.0002	-0.00057	-0.00025	0.00056
24	APLI	628122329360	Tahap Awal	-0.0024	0.00139	-0.00064	-0.00101
25	PICO	675305704694	Tahap Awal	0.00228	0.00379	-0.00162	-0.00223
26	KKGI	679947027045	Tahap Awal	-0.00461	0.00194	0.00113	0.00005
27	CEKA	687017891793	Tahap Awal	0.00157	-0.00018	0.00051	0.00123
28	JPRS	753599601737	Tahap Awal	0.0015	0.0046	0.0026	0.00117

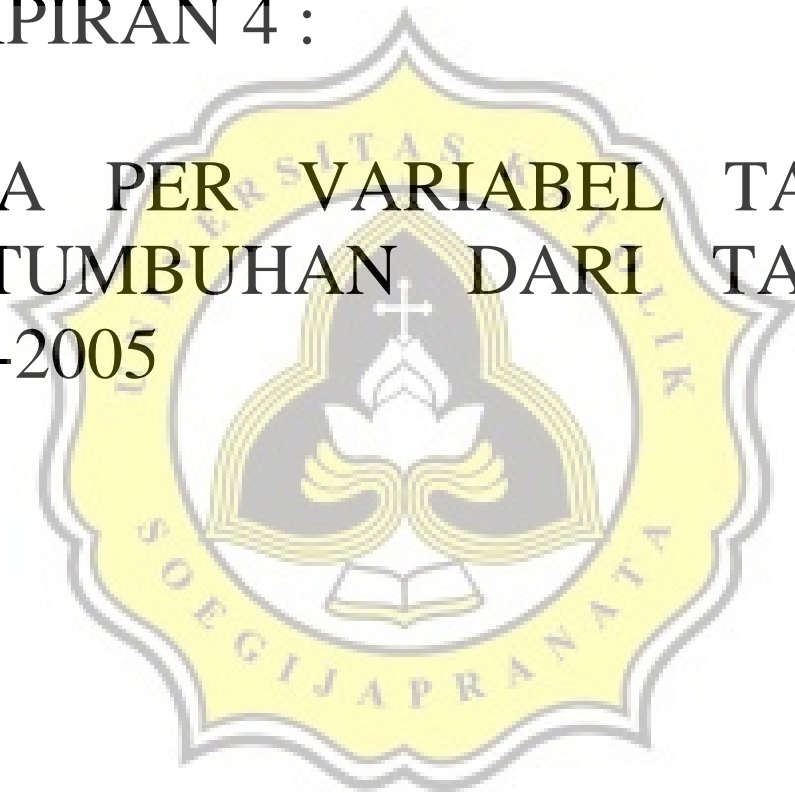
No	KODE	LBK				AKBK				NBEK			
		2002	2003	2004	2005	2002	2003	2004	2005	2002	2003	2004	2005
1	BTON	0.92174	-0.95472	20.73006	-0.25087	-0.84385	-0.04476	2.07508	0.20799	0.09686	0.00493	0.05337	0.07586
2	LAPD	0.64159	-0.77713	1.72667	-4.07049	-0.41092	-0.05839	-0.35838	-0.50537	0.07822	0.01782	0.04947	-0.19794
3	LPIN	2.47756	-1.02963	-4.72162	-2.32073	1.02071	0.18584	0.01258	-0.99919	4.89085	-0.00760	-0.05116	-0.15341
4	LION	-0.73450	0.03401	6.31439	-0.19233	-0.04453	0.17534	-0.11267	0.19131	0.03632	0.09971	0.23315	0.11469
5	PLAS	-0.42078	-2.02319	-1.51866	1.91338	12.58225	0.35785	1.01989	-0.61316	0.02830	-0.04190	1.95709	0.41149
6	LMSH	0.54277	0.15535	2.22095	-0.25395	-0.87321	1.42876	-0.04868	0.45801	0.15145	0.13063	0.37452	0.21300
7	MITI	-0.65389	-28.66511	1.07120	0.05158	-0.09266	0.09401	1.31760	0.55728	0.00906	-0.43919	0.07315	0.05463
8	DPNS	-0.75438	-1.62589	4.89745	-0.30766	-0.32232	-0.33277	0.98419	0.31644	-0.00451	-0.02656	0.02879	0.01207
9	KBLM	0.40448	-0.06531	0.44513	1.55796	0.13415	-0.62454	1.85718	1.37983	-0.19055	-0.25079	-0.06308	0.11061
10	EKAD	0.04522	-0.30489	-0.04630	0.25207	-0.15508	-0.12015	-0.31456	-0.23704	0.04400	0.02506	0.04517	0.05321
11	JKSW	1.29381	0.62524	-2.08988	1.25498	0.38017	0.12217	-0.12650	-0.30805	0.22642	0.10526	-0.13821	0.02872
12	INTD	-5.77406	2.72624	-0.99393	-8.16355	0.35764	1.86752	-0.09389	-0.77005	-0.39767	0.49812	0.00602	-0.04339
13	INCI	-0.79948	0.63643	0.62867	-0.02010	-0.10318	-0.10582	0.75052	-0.31669	-0.01348	0.04414	0.06379	0.04605
14	DOID	-1.38012	0.01332	1.86538	2.82057	-0.25273	0.51771	3.62291	-0.93279	-0.17593	0.00675	10.04360	0.22499
15	SCPI	0.89136	3.28478	-1.13883	-1.60121	0.91786	0.09524	-0.51803	-0.54034	-0.24735	0.75088	-0.65910	-0.45431
16	KICI	-1.36149	-3.20001	-0.37588	0.44029	-0.75117	0.85302	0.18071	0.11402	-0.05075	-0.12104	-0.18076	-0.15602
17	TIRA	-0.46904	-0.24156	3.20367	-0.73847	0.10061	2.49247	-0.41015	0.21178	0.05922	0.04240	0.07168	0.04173
18	ACAP	-0.25623	0.20704	0.45921	-0.21868	0.20566	0.06558	-0.96672	4.38440	-0.02169	0.03676	-0.06382	0.25469
19	ARNA	0.40830	0.37348	0.21977	0.40928	-0.36174	2.18673	-0.57919	-0.78651	0.68725	0.14365	0.13976	0.18072
20	MRAT	-0.87729	0.19714	1.46177	-0.35289	0.04481	-0.39069	0.07949	0.00281	0.01081	-0.02416	0.00791	0.03240
21	NIPS	3.47323	-0.70078	-2.20436	2.06830	0.30660	0.10444	0.19818	-0.66197	1.93033	5.87270	-0.03454	0.03822
22	SIMM	-2.54326	-3.93657	0.71048	-0.42461	-0.48998	-0.93650	-0.33810	2.20041	-0.06178	-0.30903	-0.13061	-0.21403
23	SMPL	-1.30547	1.54520	4.15391	-1.56918	-0.46647	-0.09037	-0.10320	1.40702	-0.02371	0.00910	0.06903	-0.05368
24	APLI	-3.36409	1.02333	-28.09932	0.41397	-0.13833	1.19983	2.87443	-0.00613	-0.07422	0.00187	-0.05059	-0.03123
25	PICO	20.43794	-1.08128	4.46928	0.33204	0.52489	-0.56462	2.20090	1.78197	1.85002	-0.73928	0.91778	0.41764
26	KKGI	-1.37864	0.30856	0.63664	-7.86551	-0.76754	0.97940	-0.46782	0.99262	-0.01255	-0.00879	-0.00322	0.67098
27	CEKA	3.03035	-0.67437	-8.63384	0.10908	-0.91251	2.16759	-0.20517	1.25556	0.04488	0.00719	-0.12238	-0.10761
28	JPRS	0.59486	-0.28000	4.47081	-0.45452	3.97609	-0.70982	18.57740	9.49212	0.30650	0.16891	0.64683	0.26185

No	KODE	Total Penjualan	Tahap Siklus	RETURN GEOMETRIK			
				2002	2003	2004	2005
1	BTON	83331531550	Tahap Awal	0.00091	0.00098	0.00001	0.00001
2	LAPD	128286197049	Tahap Awal	-0.00116	0.00026	-0.00058	-0.00022
3	LPIN	153960808632	Tahap Awal	0.00091	0.00033	0.00212	-0.00004
4	LION	191113314546	Tahap Awal	0.0091	0.00052	0.00397	0.00212
5	PLAS	197641756709	Tahap Awal	-0.00187	-0.00168	0.01855	0.00909
6	LMSH	219343115183	Tahap Awal	-0.00361	0.00188	0.00598	0.00342
7	MITI	262626686891	Tahap Awal	-0.0024	0.00139	0.00168	0.00084
8	DPNS	273327664965	Tahap Awal	-0.00244	0.00027	0.0052	0.00262
9	KBLM	288854341442	Tahap Awal	-0.00315	0.00064	-0.00111	-0.00041
10	EKAD	322591666661	Tahap Awal	0.00043	0.00266	-0.00597	-0.00233
11	JKSW	348242398977	Tahap Awal	0.00208	0.00406	0.00033	0.00017
12	INTD	358482515375	Tahap Awal	-0.0087	0.00182	0.00048	0.00067
13	INCI	370479640234	Tahap Awal	-0.00158	0.00036	0.00113	0.00006
14	DOID	373383234736	Tahap Awal	-0.00043	0.00119	-0.00061	0.00328
15	SCPI	413685012693	Tahap Awal	-0.00464	0.00025	0.00102	0.00042
16	KICI	434709328015	Tahap Awal	0.00033	-0.00201	-0.00021	-0.0001
17	TIRA	469930216071	Tahap Awal	0.00043	-0.0022	0.00298	0.00122
18	ACAP	538144545543	Tahap Awal	-0.00581	0.00027	-0.00009	-0.00021
19	ARNA	568730272868	Tahap Awal	0.00066	0.00448	-0.00029	-0.00025
20	MRAT	569625935781	Tahap Awal	-0.00507	0.00078	-0.00075	-0.00131
21	NIPS	595158545243	Tahap Awal	0.00172	0.00082	-0.00159	0.00088
22	SIMM	602124657308	Tahap Awal	-0.00107	-0.00331	-0.0003	-0.00087
23	SMPL	604373718119	Tahap Awal	-0.0002	-0.00057	-0.00025	0.00056
24	APLI	628122329360	Tahap Awal	-0.0024	0.00139	-0.00064	-0.00101
25	PICO	675305704694	Tahap Awal	0.00228	0.00379	-0.00162	-0.00223
26	KKGI	679947027045	Tahap Awal	-0.00461	0.00194	0.00113	0.00005
27	CEKA	687017891793	Tahap Awal	0.00157	-0.00018	0.00051	0.00123
28	JPRS	753599601737	Tahap Awal	0.0015	0.0046	0.0026	0.00117

No	KODE	LBK				AKBK				NBEK			
		2002	2003	2004	2005	2002	2003	2004	2005	2002	2003	2004	2005
1	BTON	0.92174	-0.95472	20.73006	-0.25087	-0.84385	-0.04476	2.07508	0.20799	0.09686	0.00493	0.05337	0.07586
2	LAPD	0.64159	-0.77713	1.72667	-4.07049	-0.41092	-0.05839	-0.35838	-0.50537	0.07822	0.01782	0.04947	-0.19794
3	LPIN	2.47756	-1.02963	-4.72162	-2.32073	1.02071	0.18584	0.01258	-0.99919	4.89085	-0.00760	-0.05116	-0.15341
4	LION	-0.73450	0.03401	6.31439	-0.19233	-0.04453	0.17534	-0.11267	0.19131	0.03632	0.09971	0.23315	0.11469
5	PLAS	-0.42078	-2.02319	-1.51866	1.91338	12.58225	0.35785	1.01989	-0.61316	0.02830	-0.04190	1.95709	0.41149
6	LMSH	0.54277	0.15535	2.22095	-0.25395	-0.87321	1.42876	-0.04868	0.45801	0.15145	0.13063	0.37452	0.21300
7	MITI	-0.65389	-28.66511	1.07120	0.05158	-0.09266	0.09401	1.31760	0.55728	0.00906	-0.43919	0.07315	0.05463
8	DPNS	-0.75438	-1.62589	4.89745	-0.30766	-0.32232	-0.33277	0.98419	0.31644	-0.00451	-0.02656	0.02879	0.01207
9	KBLM	0.40448	-0.06531	0.44513	1.55796	0.13415	-0.62454	1.85718	1.37983	-0.19055	-0.25079	-0.06308	0.11061
10	EKAD	0.04522	-0.30489	-0.04630	0.25207	-0.15508	-0.12015	-0.31456	-0.23704	0.04400	0.02506	0.04517	0.05321
11	JKSW	1.29381	0.62524	-2.08988	1.25498	0.38017	0.12217	-0.12650	-0.30805	0.22642	0.10526	-0.13821	0.02872
12	INTD	-5.77406	2.72624	-0.99393	-8.16355	0.35764	1.86752	-0.09389	-0.77005	-0.39767	0.49812	0.00602	-0.04339
13	INCI	-0.79948	0.63643	0.62867	-0.02010	-0.10318	-0.10582	0.75052	-0.31669	-0.01348	0.04414	0.06379	0.04605
14	DOID	-1.38012	0.01332	1.86538	2.82057	-0.25273	0.51771	3.62291	-0.93279	-0.17593	0.00675	10.04360	0.22499
15	SCPI	0.89136	3.28478	-1.13883	-1.60121	0.91786	0.09524	-0.51803	-0.54034	-0.24735	0.75088	-0.65910	-0.45431
16	KICI	-1.36149	-3.20001	-0.37588	0.44029	-0.75117	0.85302	0.18071	0.11402	-0.05075	-0.12104	-0.18076	-0.15602
17	TIRA	-0.46904	-0.24156	3.20367	-0.73847	0.10061	2.49247	-0.41015	0.21178	0.05922	0.04240	0.07168	0.04173
18	ACAP	-0.25623	0.20704	0.45921	-0.21868	0.20566	0.06558	-0.96672	4.38440	-0.02169	0.03676	-0.06382	0.25469
19	ARNA	0.40830	0.37348	0.21977	0.40928	-0.36174	2.18673	-0.57919	-0.78651	0.68725	0.14365	0.13976	0.18072
20	MRAT	-0.87729	0.19714	1.46177	-0.35289	0.04481	-0.39069	0.07949	0.00281	0.01081	-0.02416	0.00791	0.03240
21	NIPS	3.47323	-0.70078	-2.20436	2.06830	0.30660	0.10444	0.19818	-0.66197	1.93033	5.87270	-0.03454	0.03822
22	SIMM	-2.54326	-3.93657	0.71048	-0.42461	-0.48998	-0.93650	-0.33810	2.20041	-0.06178	-0.30903	-0.13061	-0.21403
23	SMPL	-1.30547	1.54520	4.15391	-1.56918	-0.46647	-0.09037	-0.10320	1.40702	-0.02371	0.00910	0.06903	-0.05368
24	APLI	-3.36409	1.02333	-28.09932	0.41397	-0.13833	1.19983	2.87443	-0.00613	-0.07422	0.00187	-0.05059	-0.03123
25	PICO	20.43794	-1.08128	4.46928	0.33204	0.52489	-0.56462	2.20090	1.78197	1.85002	-0.73928	0.91778	0.41764
26	KKGI	-1.37864	0.30856	0.63664	-7.86551	-0.76754	0.97940	-0.46782	0.99262	-0.01255	-0.00879	-0.00322	0.67098
27	CEKA	3.03035	-0.67437	-8.63384	0.10908	-0.91251	2.16759	-0.20517	1.25556	0.04488	0.00719	-0.12238	-0.10761
28	JPRS	0.59486	-0.28000	4.47081	-0.45452	3.97609	-0.70982	18.57740	9.49212	0.30650	0.16891	0.64683	0.26185

LAMPIRAN 4 :

DATA PER VARIABEL TAHAP  
PERTUMBUHAN DARI TAHUN  
2002-2005



No	KODE	Total Penjualan	Tahap Siklus	RETURN GEOMETRIK			
				2002	2003	2004	2005
1	INDS	774150296065	Tahap Pertumbuhan	0.00225	0.00031	-0.00078	-0.00077
2	RDTX	804947597166	Tahap Pertumbuhan	-0.00066	-0.00044	-0.00048	-0.0003
3	BRNA	813110925268	Tahap Pertumbuhan	0.0014	0.00063	-0.00119	-0.00112
4	MERK	931469224000	Tahap Pertumbuhan	-0.0002	0.00194	0.00167	0.0008
5	PRAS	982175100390	Tahap Pertumbuhan	0.0057	0.00101	0.00359	-0.00181
6	RICY	985123370589	Tahap Pertumbuhan	-0.00589	0.00419	0.00933	0.00414
7	JECC	1014652513333	Tahap Pertumbuhan	0.00222	-0.00328	-0.00155	-0.00116
8	IGAR	1057452380780	Tahap Pertumbuhan	0.0011	0.00192	-0.00229	-0.00124
9	PBRX	1083894662822	Tahap Pertumbuhan	0.00304	-0.00679	0.00038	0.00003
10	SRSN	1171701651667	Tahap Pertumbuhan	-0.00117	0.00309	-0.00477	0.00011
11	MYRX	1202601535905	Tahap Pertumbuhan	0.00209	-0.00498	0.00288	0.00166
12	BATA	1578696236333	Tahap Pertumbuhan	0.00028	-0.00026	-0.00032	-0.0001
13	TIRT	1588024233566	Tahap Pertumbuhan	-0.00074	0.00075	0.00104	-0.00056
14	DLTA	1621432575667	Tahap Pertumbuhan	0.00031	0.00024	0.0014	0.0024
15	INTA	1672209559606	Tahap Pertumbuhan	-0.00017	0.00106	0.00173	0.00114
16	ERTX	1684051663000	Tahap Pertumbuhan	-0.00302	0.0002	-0.00418	-0.00262
17	ULTJ	1697088384596	Tahap Pertumbuhan	-0.00063	-0.00119	-0.0007	-0.00144
18	DYNA	1740748795474	Tahap Pertumbuhan	0.00225	0.00206	-0.00007	-0.00096
19	VOKS	1767290449066	Tahap Pertumbuhan	-0.00176	-0.00152	0.00026	0.00136
20	SPMA	1801229193260	Tahap Pertumbuhan	0.00026	0.00379	-0.00097	-0.00027
21	KDSI	1830910098275	Tahap Pertumbuhan	-0.00195	0.0005	-0.00179	-0.00202
22	ESTI	1884116584351	Tahap Pertumbuhan	-0.00026	-0.00361	-0.00396	-0.00197
23	SUDI	1918652497795	Tahap Pertumbuhan	-0.00063	-0.00065	-0.00011	-0.00014
24	SOBI	1922289179333	Tahap Pertumbuhan	-0.00107	0.00168	0.00019	0.00014
25	SSTM	2135149906466	Tahap Pertumbuhan	-0.00541	0.00183	-0.00051	0.00134
26	STTP	2180395167069	Tahap Pertumbuhan	-0.00015	-0.00152	-0.00034	-0.00069
27	MLBI	2199101740667	Tahap Pertumbuhan	0.0011	0.00063	0.00118	0.00092
28	DSUC	2203844964226	Tahap Pertumbuhan	-0.00017	-0.00194	0.00913	0.00392

No	KODE	LBK				AKBK				NBEK			
		2002	2003	2004	2005	2002	2003	2004	2005	2002	2003	2004	2005
1	INDS	3.88280	-0.85518	-5.17697	0.68767	-0.48052	-0.05797	-0.54936	2.26217	0.82377	0.05171	0.02090	-0.09225
2	RDTX	-2.31703	1.73274	0.82520	0.73354	-0.58604	1.81736	-0.74748	0.14830	-0.03145	0.02382	0.05750	0.07709
3	BRNA	-0.17457	-0.70216	0.79883	-0.79285	-0.00130	-0.36755	0.71269	-0.24267	0.26486	-0.03160	0.03171	-0.01799
4	MERK	-0.33635	0.35137	0.13164	0.00806	0.13368	-0.04724	-0.42337	0.13943	0.17059	0.06875	-0.03437	0.17102
5	PRAS	22.18247	-0.47838	0.00419	-0.61622	-0.56461	3.05837	1.07911	-0.00582	0.83744	1.27342	0.09471	0.03681
6	RICY	0.88812	1.75550	6.56153	0.37170	0.14943	0.19525	-0.67589	-0.04396	-0.32984	0.37184	15.25182	0.17220
7	JECC	3.88297	-0.66602	-0.43872	-3.20033	-0.15238	0.00149	-0.54160	-0.02629	0.07076	0.00704	-0.00753	-0.03004
8	IGAR	-0.39610	2.32136	0.63269	-0.47610	3.66363	-0.32523	-0.58932	0.10283	0.04895	0.25030	0.18746	0.04269
9	PBRX	-0.10828	-0.63917	0.32829	0.33204	-0.22004	-0.69373	-0.16054	1.78197	0.20128	0.00085	0.05815	0.41764
10	SRSN	-2.11989	-1.47730	-0.22910	1.45353	-0.90317	1.33391	2.24542	-0.74768	-0.17412	-0.25295	-0.20187	6.25245
11	MYRX	-1.75559	0.77039	1.15472	-6.21719	-0.50068	0.54538	0.00128	-0.01041	5.94339	-0.05169	0.00837	-0.04332
12	BATA	-0.23802	-0.25704	-0.01731	-0.28952	-0.59543	-0.61300	0.22299	0.48493	0.05229	0.06222	0.07751	0.03272
13	TIRT	-0.59602	-0.43909	0.59920	0.00430	3.18465	-0.69677	0.48755	-0.37859	0.11398	0.13572	0.24619	0.02847
14	DLTA	0.00548	-0.14921	0.01466	0.45720	0.89531	0.07147	1.29572	0.13479	0.14975	0.10757	0.08697	0.14300
15	INTA	0.03249	-0.83160	1.05458	2.30830	-0.05147	5.81221	0.41749	-0.41850	0.12572	0.02072	0.04444	1.31560
16	ERTX	-0.34766	-11.97369	0.50584	0.29421	-0.57163	-0.70316	-0.34190	1.60451	0.04537	-0.67209	-0.93977	-11.0590
17	ULTJ	-0.37801	-0.60411	-0.41023	0.02571	-0.81662	0.68360	6.45805	-0.70966	0.03730	0.06652	0.44450	0.00559
18	DYNA	0.41385	0.16374	-0.12692	-0.56734	0.21482	-0.63339	0.65456	-0.53488	0.26877	0.14036	0.08664	-0.01838
19	VOKS	1.56523	-2.41307	-1.41842	1.72246	-0.49608	1.36897	-0.07381	0.83614	0.12154	-0.18734	-0.52833	2.53825
20	SPMA	0.05735	1.19548	-6.66545	1.12813	-0.21273	3.30705	-0.59103	-0.51970	-0.21429	0.05332	0.79196	0.02051
21	KDSI	-0.81620	4.88583	0.29620	-0.70205	0.85769	1.05131	-0.27137	1.36480	-0.02558	-0.15449	-0.17303	-0.08533
22	ESTI	-0.95042	-20.89820	0.50923	0.36813	0.15017	-0.61298	-0.35677	0.68422	-0.00700	-0.07486	-0.03492	-0.02665
23	SUDI	-0.20375	1.56435	-1.35242	-1.00179	-0.32612	-0.42226	-0.51812	0.08367	-0.41957	0.64209	-0.23995	-0.38954
24	SOBI	-0.97103	0.26342	0.07001	0.00576	0.02931	-0.18459	-0.05213	-0.41955	0.11720	0.05237	0.18927	0.09091
25	SSTM	1.04560	-0.61993	-6.81454	-0.00520	-0.41985	0.32005	0.12377	-0.78213	0.07733	0.20806	-0.14616	-0.17382
26	STTP	0.35914	0.03030	-0.08283	-0.62809	-0.24642	0.10757	0.33298	-0.20366	0.12661	0.11578	0.05812	0.03345
27	MLBI	-0.25287	0.06080	-0.03224	-0.00342	-0.15732	-0.04698	0.02678	-0.86071	-0.03078	-0.05176	-0.06993	-0.08665
28	DSUC	1.77534	-1.90605	0.76651	-7.54942	-0.51629	0.56925	-0.40100	-0.19109	0.34210	-0.23095	-0.05853	-0.63675



LAMPIRAN 5 :

DATA PER VARIABEL TAHAP  
DEWASA DARI TAHUN 2002-2005



No	KODE	Total Penjualan	Tahap Siklus	RETURN GEOMETRIK			
				2002	2003	2004	2005
1	BRPT	4972262607481	Tahap Dewasa	0.0024	0.00455	0.00044	0.00074
2	BRAM	5013096723114	Tahap Dewasa	-0.00063	0.00309	-0.00262	-0.00074
3	AKRA	5585155157639	Tahap Dewasa	-0.00017	0.00168	0.00271	0.00203
4	KAEF	6178866285999	Tahap Dewasa	-0.00061	0.00053	-0.0014	-0.00134
5	UNIC	6356446385000	Tahap Dewasa	-0.00015	0.00331	-0.00088	-0.00034
6	MDRN	7109045988236	Tahap Dewasa	0.0065	0.00179	-0.00097	-0.00048
7	TFCO	7224007520280	Tahap Dewasa	-0.00017	-0.00018	-0.00033	0.00043
8	TSPC	7362890993783	Tahap Dewasa	0.00097	0.00148	0.00154	0.00021
9	SMCB	7457611666667	Tahap Dewasa	0.00398	0.00425	-0.0002	-0.00054
10	MYTX	7946131520646	Tahap Dewasa	-0.00244	0.00193	-0.00213	-0.00194
11	MLIA	8279166197333	Tahap Dewasa	-0.00031	0.00262	0.00001	-0.00125
12	AUTO	8491018455929	Tahap Dewasa	0.00055	0.00042	-0.0001	0.00087
13	TURI	9335293666667	Tahap Dewasa	0.00097	0.00021	0.00307	0.00144
14	KLBF	9629685437432	Tahap Dewasa	0.00082	0.00535	-0.00091	0.00061
15	ADMG	9842456470926	Tahap Dewasa	-0.00036	0.00508	-0.00092	-0.00064
16	SMAR	10656299967079	Tahap Dewasa	-0.00054	0.00616	-0.00024	-0.00251
17	POLY	12720485130821	Tahap Dewasa	-0.00091	0.00168	0.00168	0.00084
18	INTP	13930289574498	Tahap Dewasa	0.0015	0.00475	-0.00063	-0.00008
19	GJTL	16932788026000	Tahap Dewasa	0.00218	0.00361	-0.00019	-0.00051
20	SMGR	18176707716667	Tahap Dewasa	0.00161	-0.00015	0.00312	0.00149
21	UNVR	26074928333333	Tahap Dewasa	0.00044	-0.00665	0.00013	0.00068
22	UNTR	26225851333333	Tahap Dewasa	-0.00068	0.00585	0.00119	0.00158
23	TKIM	32389309566667	Tahap Dewasa	-0.00072	0.00543	0.00369	0.00218
24	INKP	46273663720000	Tahap Dewasa	-0.00316	0.00571	0.00052	-0.00003
25	HMSP	54017771666667	Tahap Dewasa	0.00059	0.00079	0.00179	0.00142
26	INDF	61315701446474	Tahap Dewasa	-0.00017	0.00119	-0.00108	-0.00037
27	GGRM	76639666317961	Tahap Dewasa	-0.00017	0.00204	-0.0002	-0.00053
28	ASII	11898007666667	Tahap Dewasa	0.00196	0.00191	0.00278	0.00137

No	KODE	LBK				AKBK				NBEK			
		2002	2003	2004	2005	2002	2003	2004	2005	2002	2003	2004	2005
1	BRPT	1.16203	-0.06090	-1.62408	5.79383	1.80546	-0.65851	0.24725	13.23961	2.09411	-1.35056	-0.30722	2.87576
2	BRAM	0.54011	-0.32527	-0.42656	1.81686	-0.21582	-0.21001	0.33458	-0.31440	0.18426	0.12682	0.11793	0.15667
3	AKRA	-0.81381	0.13253	0.43402	0.54466	-0.14335	0.04405	0.50362	-0.61878	0.10812	0.10814	0.81185	0.14163
4	KAEF	-0.73229	0.21241	0.81125	-0.32060	-0.58647	1.14263	-0.49855	-0.16308	-0.07724	0.11392	0.07970	0.03638
5	UNIC	0.01733	-0.17634	1.35779	-0.71640	0.66963	1.23754	-0.48633	-0.51627	0.13631	0.13467	0.17480	0.03615
6	MDRN	14.01976	-0.51871	-6.08580	0.34133	-0.14572	-0.16915	0.22772	-0.42701	0.11550	0.04984	-0.30185	-0.22777
7	TFCO	-4.91570	-0.61594	2.99000	0.74678	-0.33434	-0.31058	1.11675	-0.56637	-0.05257	-0.08892	-0.18905	-0.42185
8	TSPC	-0.00195	0.02020	0.00122	-0.08130	0.08682	0.01259	0.14737	-0.10337	0.12041	0.09416	0.08271	0.06333
9	SMCB	-0.56816	-0.65347	-4.06191	0.37336	1.40006	1.84133	-0.07242	-0.07627	8.37381	0.05922	-0.18949	-0.14447
10	MYTX	0.56544	-0.05769	0.15439	-0.01341	0.05198	1.55322	-0.59011	0.07017	-4.33221	3.54517	-0.30104	-0.41323
11	MLIA	1.69851	-1.53775	-2.85093	-0.22907	-0.56669	1.60952	-0.23839	-0.62492	0.22745	-0.15832	-0.53936	-0.42025
12	AUTO	0.00667	-0.19808	0.08120	0.25036	-0.08580	-0.39398	-0.37499	0.58652	1.20821	-0.34769	0.17059	0.17009
13	TURI	-0.07421	0.11735	0.85935	-0.06547	0.35889	0.72070	-0.20955	2.62349	0.16039	0.11795	0.26105	3.59001
14	KLBF	7.17174	0.20961	0.39585	0.44960	0.73536	0.19212	0.41933	0.26619	1.21909	0.69203	0.92851	0.49439
15	ADMG	3.28453	-0.61618	-0.42617	-0.90845	-0.50483	-0.05827	0.28906	-0.17607	0.64390	0.68828	5.05671	0.02600
16	SMAR	1.46852	-0.75240	-2.54937	3.81774	0.35020	-0.29416	1.34834	0.73281	0.44206	0.24306	-0.37626	6.53234
17	POLY	0.53157	-3.40041	-0.78706	0.58894	-0.86345	-0.00680	-0.17998	0.43176	0.05851	-0.03229	-0.37270	0.44455
18	INTP	17.49080	-0.35614	-0.82691	5.37531	0.06932	0.09676	0.02449	0.61990	0.37831	0.19039	0.02699	0.20911
19	GJTL	25.96246	-0.97260	-0.43366	-0.27463	-0.47050	0.01575	-0.61888	1.66396	1.13510	2.01712	0.21813	3.44002
20	SMGR	-0.15340	0.48458	0.27545	1.00931	-0.73179	0.17842	0.42230	0.48533	0.03480	0.07383	0.03679	0.23192
21	UNVR	0.10294	0.32554	0.12915	-0.01618	0.25548	-0.18127	-0.30981	-0.10082	0.16870	0.03758	0.07768	-0.03760
22	UNTR	0.26304	0.13969	2.20958	-0.04447	-0.06380	0.80902	0.05782	-0.22484	0.34705	0.35652	1.08406	0.32289
23	TKIM	0.10011	0.36182	7.11399	-0.90263	0.79872	-0.64710	1.20816	0.92625	-0.13032	-0.06741	0.44190	0.02984
24	INKP	2.39864	0.07632	0.36932	-0.97953	0.03516	-0.53653	0.06996	0.66901	-0.03789	-0.14871	0.23921	0.00395
25	HMSP	0.74907	-0.15812	0.41583	0.19641	0.34857	0.69148	0.28681	-0.44287	0.24974	0.10912	-0.15758	-0.05842
26	INDF	0.01724	-0.24812	-0.35886	-0.67947	0.64006	0.11784	-0.08866	-0.30354	0.02839	0.11772	0.02346	0.02829
27	GGRM	-0.00023	-0.11894	-0.02636	0.05554	0.95495	-0.11025	0.30557	-0.22155	0.18437	0.12989	0.11056	0.07613
28	ASII	3.30617	0.21585	0.22253	0.00958	0.34539	-0.04778	0.17033	-0.26051	1.53175	0.80205	0.40770	0.23896

LAMPIRAN 6 :

DATA PER VARIABEL TAHAP  
PENURUNAN DARI TAHUN  
2002-2005

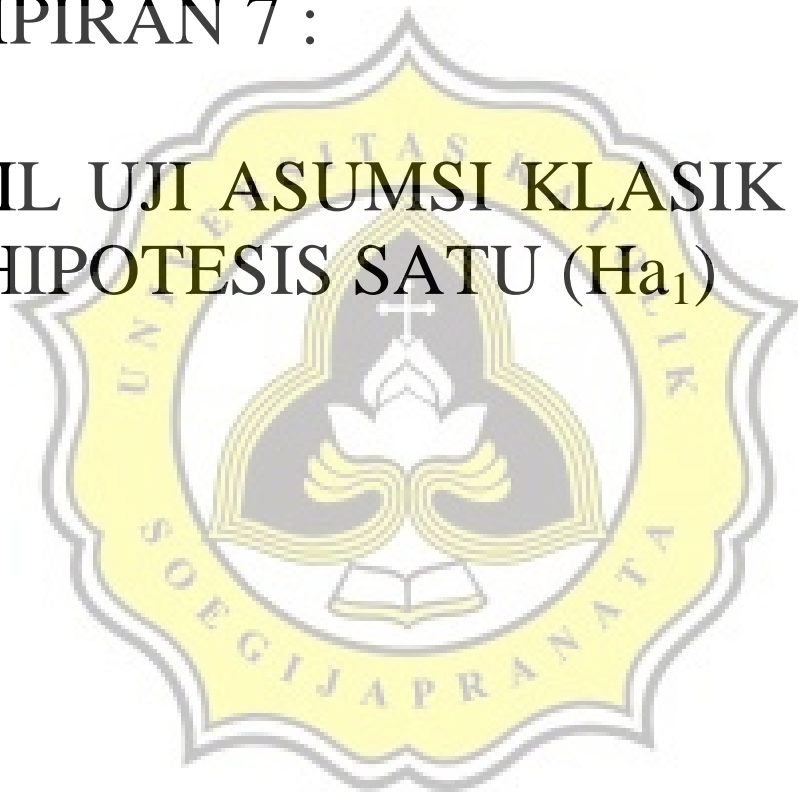


No	KODE	Total Penjualan	Tahap Siklus	RETURN GEOMETRIK			
				2002	2003	2004	2005
1	PAFI	2231539215919	Tahap Penurunan	-0.00228	-0.00093	0.00305	0.00078
2	TCID	2236466454689	Tahap Penurunan	-0.00137	0.00186	0.00192	0.00095
3	SMSM	2292177860374	Tahap Penurunan	-0.00088	-0.007	0.00104	0.00072
4	INAF	2324976926295	Tahap Penurunan	0.00106	-0.00143	-0.00363	-0.00261
5	GDYR	2326923146000	Tahap Penurunan	-0.00049	-0.00061	0.00345	0.00158
6	IKBI	2446289363918	Tahap Penurunan	-0.00315	-0.00046	0.00169	0.00055
7	DAVO	2497648204175	Tahap Penurunan	-0.00717	0.00629	-0.00102	-0.00253
8	FAST	2534083828000	Tahap Penurunan	0.00061	0.00011	0.00053	0.00005
9	TBLA	2792254641000	Tahap Penurunan	0.00357	0.00027	0.00069	0.0001
10	KARW	2803493796083	Tahap Penurunan	-0.00054	0.00065	-0.00015	-0.00062
11	ASGR	2846881980015	Tahap Penurunan	-0.0011	0.00075	-0.00153	-0.001
12	TRST	2892959278448	Tahap Penurunan	0.00335	0.00206	-0.00262	-0.00202
13	BATI	2964361000000	Tahap Penurunan	0.00143	-0.00041	0.00036	-0.0002
14	BUDI	3033049433891	Tahap Penurunan	-0.00019	-0.0002	0.00039	-0.00011
15	SULI	3229647391554	Tahap Penurunan	-0.00267	0.00218	0.00459	0.00342
16	AKPI	3432229632000	Tahap Penurunan	-0.0007	0.00612	-0.00276	-0.0018
17	AQUA	3482068648547	Tahap Penurunan	0.00028	0.001	-0.00103	-0.00033
18	PTRO	3535611666667	Tahap Penurunan	-0.00007	0.00051	0.00436	0.00268
19	SHDA	3647018325251	Tahap Penurunan	0.00032	0.00155	-0.00791	-0.00271
20	MYOR	3665402431850	Tahap Penurunan	0.0007	0.00345	0.00131	-0.00082
21	TBMS	3963085190883	Tahap Penurunan	-0.00325	0.00083	0.00129	0.00084
22	MTDL	3987727971798	Tahap Penurunan	-0.00017	-0.00101	-0.00165	-0.00122
23	ETWA	4122244447932	Tahap Penurunan	-0.00026	0.00339	-0.00258	-0.00116
24	ALMI	4240496374765	Tahap Penurunan	-0.00473	0.00135	0.00136	0.00018
25	PAFI	4298385057855	Tahap Penurunan	-0.00228	-0.00093	0.00305	0.00078
26	LTLS	4320174742078	Tahap Penurunan	-0.00117	0.00191	-0.00021	0.00046
27	FASW	4818685744328	Tahap Penurunan	-0.00063	0.00181	0.00082	0.00045
28	AMFG	4859974801000	Tahap Penurunan	0.00024	0.00165	-0.00055	0.00052

No	KODE	LBK				AKBK				NBEK			
		2002	2003	2004	2005	2002	2003	2004	2005	2002	2003	2004	2005
1	PAFI	-0.54154	-2.65105	-0.39789	0.42451	-0.15937	-0.07440	-0.10632	-0.15407	0.37421	-0.33642	0.23080	-0.33137
2	TCID	0.24173	0.07549	0.31996	0.12574	0.48512	0.77316	-0.71509	-0.23239	0.14577	0.12883	0.16103	0.15504
3	SMSM	-0.26394	0.19085	0.19777	0.04818	1.20137	-0.23495	-0.91986	5.28524	0.05132	0.02645	-0.03965	0.07974
4	INAF	-1.48821	-1.16579	1.05587	0.32543	-0.52956	-0.15162	0.34174	-0.56878	-0.23571	-0.33186	-0.01999	0.03753
5	GDYR	0.40332	-0.09543	0.67899	-1.02901	-0.09701	1.02498	0.08055	0.31349	0.04458	0.02529	0.03262	-0.05886
6	IKBI	-1.27957	-1.17677	1.75728	2.23608	-0.13097	-0.17463	0.09810	-0.12830	-0.02392	-0.03038	0.02405	0.06821
7	DAVO	2.59741	3.16043	0.07544	-0.08982	0.45100	2.28049	2.23559	1.56540	0.07197	0.18454	0.16754	0.13061
8	FAST	0.45387	-0.03640	0.02855	0.10654	0.12715	-0.04661	0.30364	-0.02718	0.31484	0.21311	0.17525	0.17061
9	TBLA	6.75313	-0.39218	-0.34933	-0.62206	-0.61115	-0.03079	-0.04618	0.34031	0.19419	0.05272	0.01115	0.00269
10	KARW	0.96896	-10.73881	1.01858	2.03494	-0.42855	-0.01784	0.14485	-0.06339	-0.02758	-0.33092	-0.08276	0.03046
11	ASGR	1.68952	-0.70150	0.74344	-0.03395	0.43441	0.67035	0.14972	-0.34506	0.30767	0.04235	-0.00438	-0.13960
12	TRST	-0.26013	-0.22786	-0.82961	-0.43281	-0.14132	-0.12190	-0.86647	0.39022	0.55146	0.54135	0.00093	0.00250
13	BATI	0.04197	-0.58244	-1.41342	1.93535	-0.49546	-0.17872	0.38276	2.84705	0.00328	0.03383	-0.05962	0.05036
14	BUDI	1.35333	-0.31973	-0.63404	0.53293	-0.02068	0.17475	-0.69586	-0.23123	0.04486	0.02921	0.34080	0.03091
15	SULI	-1.40728	-0.08719	0.28810	1.00633	0.21580	-0.25736	1.10361	-0.42988	-1.07045	-0.56210	1.10155	3.68676
16	AKPI	2.60897	0.41375	-0.98392	0.69793	-0.73707	0.91033	-0.31185	0.35619	0.46643	2.82464	0.00582	0.03502
17	AQUA	0.37688	-0.06109	0.47544	-0.29735	0.28053	0.13803	0.39958	0.25315	0.64206	-0.18466	0.60957	0.14067
18	PTRO	-0.80096	0.05165	1.34584	0.44909	0.14854	1.90672	0.38281	-0.65132	0.03374	0.04397	0.02677	0.09141
19	SHDA	-0.21118	0.24431	-0.17559	0.59320	0.13336	0.60431	0.05845	-0.27463	0.23186	0.16683	0.04746	-0.07730
20	MYOR	2.83765	-0.29185	0.00579	-0.46267	0.27256	-0.25201	-0.66162	0.84848	0.18431	0.08235	0.08064	0.02966
21	TBMS	0.08600	-0.62217	-1.48738	-3.43614	-0.25627	-0.62498	1.85018	-0.37288	0.21482	0.06354	-0.04942	-0.17324
22	MTDL	-1.35638	1.02211	13.60861	0.33081	-0.72570	-0.11229	1.12053	0.01243	-0.20479	0.00652	0.07391	0.06730
23	ETWA	0.90988	-0.17369	-0.23406	0.94532	-0.76258	-0.94448	0.95311	-0.20691	-0.06753	2.15505	-0.09779	-0.00593
24	ALMI	-1.43268	-1.50553	1.98408	0.04316	-0.48957	-0.81821	0.75931	-0.30601	-0.04026	-0.10503	0.11827	0.10772
25	PAFI	3.64693	-1.23941	0.36439	6.25179	-0.04787	-0.05368	3.49036	0.52497	0.41844	-0.12341	2.72083	0.09463
26	LTLS	-0.60284	-0.60683	5.78882	0.00978	-0.47566	0.26108	0.00187	0.16512	0.01740	0.00679	0.12718	0.10230
27	FASW	-0.02609	-0.70194	-0.91143	0.24382	-0.39347	-0.09648	-0.16727	0.18436	0.21219	0.05217	-0.00028	0.00546
28	AMFG	0.63654	-0.20991	0.26634	0.02786	-0.50252	-0.56896	0.47763	-0.36429	0.34557	0.18218	0.20176	0.16452

LAMPIRAN 7 :

HASIL UJI ASUMSI KLASIK DAN  
UJI HIPOTESIS SATU ( $H_{a1}$ )



## Panel

### Regression

Variables Entered/Removed<sup>b</sup>

Model	Variables Entered	Variables Removed	Method
1	NBEK, AKBK, LBK <sup>a</sup>	.	Enter

a. All requested variables entered.

b. Dependent Variable: RIT

Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.315 <sup>a</sup>	.099	.092	.00170291	1.823

a. Predictors: (Constant), NBEK, AKBK, LBK

b. Dependent Variable: RIT

ANOVA<sup>b</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	3	.000	15.158	.000 <sup>a</sup>
	Residual	.001	414	.000		
	Total	.001	417			

a. Predictors: (Constant), NBEK, AKBK, LBK

b. Dependent Variable: RIT

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	1.889E-04	.000		2.184	.029		
	LBK	6.753E-05	.000	.146	3.098	.002	.975	1.026
	AKBK	1.527E-05	.000	.014	.301	.763	.989	1.011
	NBEK	3.207E-04	.000	.255	5.389	.000	.971	1.030

a. Dependent Variable: RIT

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	LBK	AKBK	NBEK
1	1	1.404	1.000	.20	.08	.18	.20
	2	1.007	1.181	.16	.63	.11	.06
	3	.846	1.288	.06	.14	.51	.41
	4	.744	1.373	.57	.16	.20	.33

a. Dependent Variable: RIT

Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	-.0033137	.0055134	.0002894	.00056235	418
Residual	-.0050630	.0043867	.0000000	.00169677	418
Std. Predicted Value	-6.407	9.289	.000	1.000	418
Std. Residual	-2.973	2.576	.000	.996	418

a. Dependent Variable: RIT



**Panel**

**Sebelum Data Normal  
Explore**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	448	100.0%	0	.0%	448	100.0%

**Descriptives**

		Statistic	Std. Error	
Unstandardized Residual	Mean	.0000000	.00011516	
	95% Confidence Interval for Mean	Lower Bound	-.0002263	
		Upper Bound	.0002263	
	5% Trimmed Mean	-.0000124		
	Median	-.0001084		
	Variance	.000		
	Std. Deviation	.00243746		
	Minimum	-.00835		
	Maximum	.01767		
	Range	.02602		
	Interquartile Range	.0022369		
	Skewness	.783	.115	
	Kurtosis	7.500	.230	

**Extreme Values**

		Case Number	Value	
Unstandardized Residual	Highest	1	229	.01767
		2	4	.00889
		3	280	.00884
		4	341	.00854
		5	212	-.00588
	Lowest	1	12	-.00835
		2	299	-.00817
		3	63	-.00767
		4	171	-.00727
		5	149	-.00698

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.091	448	.000	.918	448	.000

a. Lilliefors Significance Correction

**Panel**

**Sesudah Data Normal**

**Explore**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	418	93.3%	30	6.7%	448	100.0%

**Descriptives**

		Statistic	Std. Error
Unstandardized Residual	Mean	.0000000	.00008299
	95% Confidence Interval for Mean		
	Lower Bound	-.0001631	
	Upper Bound	.0001631	
	5% Trimmed Mean	.0000076	
	Median	-.0000306	
	Variance	.000	
	Std. Deviation	.00169677	
	Minimum	-.00506	
	Maximum	.00439	
	Range	.00945	
	Interquartile Range	.0020361	
	Skewness	-.069	.119
	Kurtosis	.402	.238

**Extreme Values**

			Case Number	Value
Unstandardized Residual	Highest	1	140	.00439
		2	131	.00419
		3	298	.00407
		4	205	.00406
		5	295	.00401
	Lowest	1	436	-.00506
		2	262	-.00491
		3	15	-.00482
		4	80	-.00480
		5	26	-.00469

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.042	418	.080	.991	418	.009

a. Lilliefors Significance Correction

## Panel

## Regression

### Variables Entered/Removed<sup>b</sup>

Model	Variables Entered	Variables Removed	Method
1	NBEK, AKBK, LBK <sup>a</sup>	.	Enter

a. All requested variables entered.

b. Dependent Variable: ABS\_RES

### Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.146 <sup>a</sup>	.021	.014	.00108

a. Predictors: (Constant), NBEK, AKBK, LBK

### ANOVA<sup>b</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	3	.000	3.007	.030 <sup>a</sup>
	Residual	.000	414	.000		
	Total	.000	417			

a. Predictors: (Constant), NBEK, AKBK, LBK

b. Dependent Variable: ABS\_RES

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.261E-03	.000		22.905	.000
	LBK	-1.80E-06	.000	-.006	-.130	.897
	AKBK	1.720E-05	.000	.026	.533	.594
	NBEK	1.092E-04	.000	.142	2.882	.004

a. Dependent Variable: ABS\_RES

## Panel

## Regression

### Variables Entered/Removed<sup>b</sup>

Model	Variables Entered	Variables Removed	Method
1	NBEK, AKBK, LBK <sup>a</sup>	.	Enter

a. All requested variables entered.

b. Dependent Variable: LN\_RES2

### Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.112 <sup>a</sup>	.012	.005	2.31794

a. Predictors: (Constant), NBEK, AKBK, LBK

### ANOVA<sup>b</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	28.122	3	9.374	1.745	.157 <sup>a</sup>
	Residual	2224.357	414	5.373		
	Total	2252.479	417			

a. Predictors: (Constant), NBEK, AKBK, LBK

b. Dependent Variable: LN\_RES2

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-14.299	.118		-121.472	.000
	LBK	-3.43E-02	.030	-.057	-1.155	.249
	AKBK	9.545E-02	.069	.068	1.383	.167
	NBEK	.121	.081	.074	1.491	.137

a. Dependent Variable: LN\_RES2

LAMPIRAN 8 :

HASIL UJI ASUMSI KLASIK DAN  
UJI REGRESI TAHAP AWAL



## Tahap Awal Regression

**Variables Entered/Removed<sup>b</sup>**

Model	Variables Entered	Variables Removed	Method
1	NBEK, AKBK, LBK <sup>a</sup>	.	Enter

- a. All requested variables entered.  
b. Dependent Variable: RIT

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

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.154 <sup>a</sup>	.024	-.006	.00180731	1.998

- a. Predictors: (Constant), NBEK, AKBK, LBK  
b. Dependent Variable: RIT

**ANOVA<sup>b</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	3	.000	.797	.498 <sup>a</sup>
	Residual	.000	99	.000		
	Total	.000	102			

- a. Predictors: (Constant), NBEK, AKBK, LBK  
b. Dependent Variable: RIT

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	3.560E-04	.000		1.892	.061		
	LBK	4.823E-05	.000	.145	1.441	.153	.973	1.028
	AKBK	3.168E-05	.000	.045	.449	.655	.978	1.022
	NBEK	-1.04E-05	.000	-.007	-.072	.942	.958	1.044

- a. Dependent Variable: RIT

**Collinearity Diagnostics<sup>a</sup>**

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	LBK	AKBK	NBEK
1	1	1.460	1.000	.20	.02	.21	.19
	2	1.055	1.176	.13	.69	.02	.06
	3	.789	1.360	.01	.09	.52	.53
	4	.695	1.449	.66	.19	.25	.21

- a. Dependent Variable: RIT

**Residuals Statistics<sup>a</sup>**

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	-.0010190	.0014211	.0003640	.00027670	103
Residual	-.0048754	.0045769	.0000000	.00178054	103
Std. Predicted Value	-4.998	3.820	.000	1.000	103
Std. Residual	-2.698	2.532	.000	.985	103

- a. Dependent Variable: RIT

**Tahap Awal**

**Sebelum Data Normal  
Explore**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	112	100.0%	0	.0%	112	100.0%

**Descriptives**

			Statistic	Std. Error
Unstandardized Residual	Mean		.0000000	.00028876
	95% Confidence Interval for Mean	Lower Bound	-.0005722	
		Upper Bound	.0005722	
	5% Trimmed Mean		-.0001272	
	Median		-.0000433	
	Variance		.000	
	Std. Deviation		.00305594	
	Minimum		-.00867	
	Maximum		.01775	
	Range		.02642	
	Interquartile Range		.0021416	
	Skewness		1.791	.228
	Kurtosis		10.542	.453

**Extreme Values**

			Case Number	Value
Unstandardized Residual	Highest	1	61	.01775
		2	4	.00875
		3	89	.00850
		4	62	.00538
		5	64	.00452
	Lowest	1	12	-.00867
		2	66	-.00636
		3	18	-.00618
		4	20	-.00541
		5	15	-.00502

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.156	112	.000	.849	112	.000

a. Lilliefors Significance Correction

**Tahap Awal**  
**Sesudah Data Normal**

**Explore**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	103	92.0%	9	8.0%	112	100.0%

**Descriptives**

			Statistic	Std. Error
Unstandardized Residual	Mean		.0000001	.00017545
	95% Confidence Interval for Mean	Lower Bound	-.0003479	
		Upper Bound	.0003481	
	5% Trimmed Mean		-.0000170	
	Median		.0000600	
	Variance		.000	
	Std. Deviation		.00178063	
	Minimum		-.00488	
	Maximum		.00458	
	Range		.00946	
	Interquartile Range		.0019000	
	Skewness		.085	.238
	Kurtosis		.453	.472

**Extreme Values**

		Case Number		Value
Unstandardized Residual	Highest	1	64	.00458
		2	56	.00428
		3	47	.00404
		4	39	.00367
		5	53	.00350
	Lowest	1	26	-.00488
		2	6	-.00396
		3	9	-.00353
		4	50	-.00345
		5	8	-.00275

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.076	103	.168	.985	103	.317

a. Lilliefors Significance Correction



**Tahap Awal  
Regression**

**Variables Entered/Removed<sup>p</sup>**

Model	Variables Entered	Variables Removed	Method
1	NBEK, AKBK, LBK <sup>a</sup>	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: ABS\_RES

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.114 <sup>a</sup>	.013	-.017	.00119

- a. Predictors: (Constant), NBEK, AKBK, LBK

**ANOVA<sup>b</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	3	.000	.434	.729 <sup>a</sup>
	Residual	.000	99	.000		
	Total	.000	102			

- a. Predictors: (Constant), NBEK, AKBK, LBK
- b. Dependent Variable: ABS\_RES

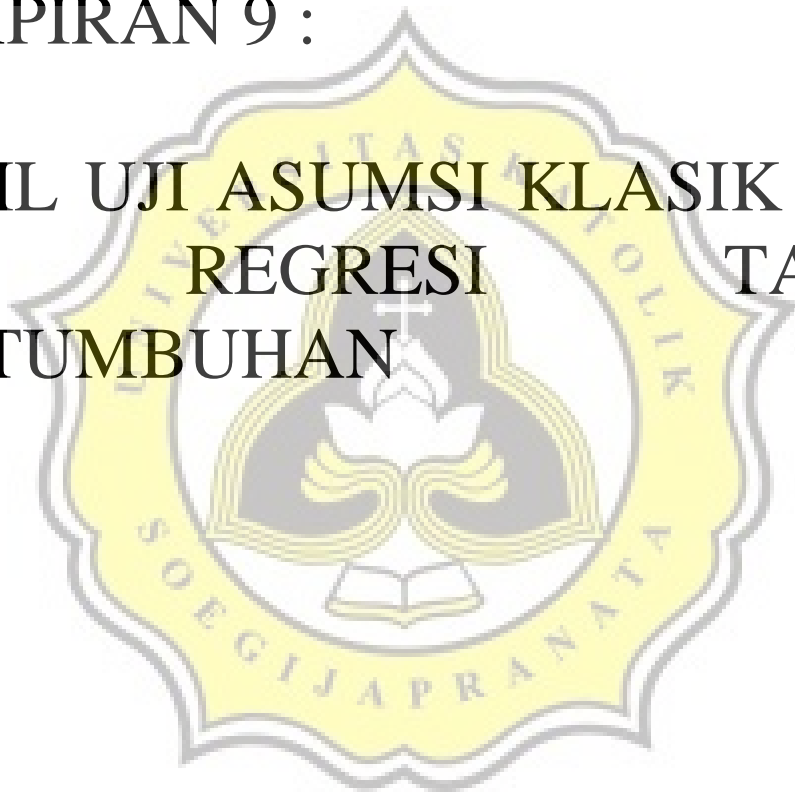
**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.342E-03	.000		10.854	.000
	LBK	1.392E-05	.000	.064	.633	.528
	AKBK	2.112E-05	.000	.046	.455	.650
	NBEK	-9.09E-05	.000	-.098	-.961	.339

- a. Dependent Variable: ABS\_RES

LAMPIRAN 9 :

HASIL UJI ASUMSI KLASIK DAN  
UJI REGRESI TAHAP  
PERTUMBUHAN



## Tahap Pertumbuhan Regression

Variables Entered/Removed<sup>b</sup>

Model	Variables Entered	Variables Removed	Method
1	NBEK, AKBK, LBK <sup>a</sup>	.	Enter

a. All requested variables entered.

b. Dependent Variable: RIT

Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.485 <sup>a</sup>	.235	.213	.00196702	1.865

a. Predictors: (Constant), NBEK, AKBK, LBK

b. Dependent Variable: RIT

ANOVA<sup>b</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	3	.000	10.848	.000 <sup>a</sup>
	Residual	.000	106	.000		
	Total	.001	109			

a. Predictors: (Constant), NBEK, AKBK, LBK

b. Dependent Variable: RIT

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	-1.37E-05	.000		-.071	.944		
	LBK	1.440E-04	.000	.238	2.756	.007	.965	1.037
	AKBK	6.969E-05	.000	.038	.444	.658	.981	1.019
	NBEK	4.228E-04	.000	.383	4.395	.000	.950	1.053

a. Dependent Variable: RIT

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	LBK	AKBK	NBEK
1	1	1.224	1.000	.27	.10	.34	.06
	2	1.177	1.020	.15	.23	.02	.39
	3	.943	1.139	.13	.45	.26	.16
	4	.657	1.365	.44	.22	.37	.39

a. Dependent Variable: RIT

Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	-.0045349	.0073319	.0000648	.00107483	110
Residual	-.0058751	.0053034	.0000000	.00193976	110
Std. Predicted Value	-4.280	6.761	.000	1.000	110
Std. Residual	-2.987	2.696	.000	.986	110

a. Dependent Variable: RIT

**Tahap Pertumbuhan  
Sebelum Data Normal**

**Explore**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	112	100.0%	0	.0%	112	100.0%

**Descriptives**

			Statistic	Std. Error
Unstandardized Residual	Mean		.0000000	.00020775
	95% Confidence Interval for Mean	Lower Bound	-.0004117	
		Upper Bound	.0004117	
	5% Trimmed Mean		.0000287	
	Median		-.0001073	
	Variance		.000	
	Std. Deviation		.00219862	
	Minimum		-.00666	
	Maximum		.00905	
	Range		.01571	
	Interquartile Range		.0022459	
	Skewness		.082	.228
	Kurtosis		3.028	.453

**Extreme Values**

		Case Number	Value
Unstandardized Residual	Highest	1	84
		2	112
		3	90
		4	34
		5	61
	Lowest	1	37
		2	6
		3	25
		4	39
		5	66

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.088	112	.033	.948	112	.000

a. Lilliefors Significance Correction

**Tahap Pertumbuhan  
Sesudah Data Normal**

**Explore**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	110	98.2%	2	1.8%	112	100.0%

**Descriptives**

			Statistic	Std. Error
Unstandardized Residual	Mean		.0000000	.00018495
	95% Confidence Interval for Mean	Lower Bound	-.0003666	
		Upper Bound	.0003666	
	5% Trimmed Mean		.0000561	
	Median		-.0001045	
	Variance		.000	
	Std. Deviation		.00193976	
	Minimum		-.00588	
	Maximum		.00530	
	Range		.01118	
	Interquartile Range		.0022099	
	Skewness		-.414	.230
	Kurtosis		1.193	.457

**Extreme Values**

		Case Number	Value	
Unstandardized Residual	Highest	1	112	.00530
		2	90	.00403
		3	34	.00378
		4	61	.00349
		5	48	.00338
	Lowest	1	12	-.00588
		2	25	-.00555
		3	39	-.00509
		4	66	-.00479
		5	78	-.00398

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.081	110	.070	.972	110	.022

a. Lilliefors Significance Correction

**Tahap Pertumbuhan  
Regression**

**Variables Entered/Removed<sup>p</sup>**

Model	Variables Entered	Variables Removed	Method
1	NBEK, AKBK, LBK <sup>a</sup>	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: ABS\_RES

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.090 <sup>a</sup>	.008	-.020	.00133

- a. Predictors: (Constant), NBEK, AKBK, LBK

**ANOVA<sup>b</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	3	.000	.289	.833 <sup>a</sup>
	Residual	.000	106	.000		
	Total	.000	109			

- a. Predictors: (Constant), NBEK, AKBK, LBK
- b. Dependent Variable: ABS\_RES

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.430E-03	.000		10.911	.000
	LBK	2.926E-05	.000	.082	.831	.408
	AKBK	2.134E-05	.000	.020	.202	.840
	NBEK	-2.97E-05	.000	-.045	-.458	.648

- a. Dependent Variable: ABS\_RES

LAMPIRAN 10 :

HASIL UJI ASUMSI KLASIK DAN  
UJI REGRESI TAHAP DEWASA



## Tahap Dewasa Regression

### Variables Entered/Removed<sup>b</sup>

Model	Variables Entered	Variables Removed	Method
1	NBEK, LBK, AKBK <sup>a</sup>	.	Enter

a. All requested variables entered.

b. Dependent Variable: RIT

### Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.221 <sup>a</sup>	.049	.020	.00151359	1.995

a. Predictors: (Constant), NBEK, LBK, AKBK

b. Dependent Variable: RIT

### ANOVA<sup>b</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	3	.000	1.699	.172 <sup>a</sup>
	Residual	.000	99	.000		
	Total	.000	102			

a. Predictors: (Constant), NBEK, LBK, AKBK

b. Dependent Variable: RIT

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	5.042E-04	.000		3.174	.002		
	LBK	4.557E-05	.000	.106	1.071	.287	.976	1.025
	AKBK	8.534E-05	.000	.080	.771	.443	.887	1.128
	NBEK	1.458E-04	.000	.135	1.294	.199	.882	1.133

a. Dependent Variable: RIT

### Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	LBK	AKBK	NBEK
1	1	1.720	1.000	.13	.08	.14	.16
	2	.889	1.391	.00	.86	.12	.06
	3	.781	1.484	.76	.07	.28	.01
	4	.610	1.680	.11	.00	.46	.78

a. Dependent Variable: RIT

### Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	-.0000974	.0023175	.0006263	.00033834	103
Residual	-.0042034	.0042260	.0000000	.00149117	103
Std. Predicted Value	-2.139	4.998	.000	1.000	103
Std. Residual	-2.777	2.792	.000	.985	103

a. Dependent Variable: RIT



**Tahap Dewasa**  
**Sebelum Data Normal**

**Explore**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	112	100.0%	0	.0%	112	100.0%

**Descriptives**

			Statistic	Std. Error
Unstandardized Residual	Mean		.0000000	.00019384
	95% Confidence Interval for Mean	Lower Bound	-.0003841	
		Upper Bound	.0003841	
	5% Trimmed Mean		-.0000450	
	Median		-.0003806	
	Variance		.000	
	Std. Deviation		.00205145	
	Minimum		-.00748	
	Maximum		.00540	
	Range		.01288	
	Interquartile Range		.0023193	
	Skewness		.339	.228
	Kurtosis		1.530	.453

**Extreme Values**

		Case Number	Value	
Unstandardized Residual	Highest	1	44	.00540
		2	50	.00497
		3	52	.00492
		4	51	.00462
		5	6	.00455
	Lowest	1	49	-.00748
		2	100	-.00432
		3	58	-.00341
		4	66	-.00290
		5	10	-.00285

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.110	112	.002	.942	112	.000

a. Lilliefors Significance Correction

**Tahap Dewasa**  
**Sesudah Data Normal**

**Explore**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	103	92.0%	9	8.0%	112	100.0%

**Descriptives**

			Statistic	Std. Error
Unstandardized Residual	Mean		.0000000	.00014693
	95% Confidence Interval for Mean	Lower Bound	-.0002914	
		Upper Bound	.0002914	
	5% Trimmed Mean		-.0000162	
	Median		-.0001234	
	Variance		.000	
	Std. Deviation		.00149117	
	Minimum		-.00420	
	Maximum		.00423	
	Range		.00843	
	Interquartile Range		.0020836	
	Skewness		.303	.238
	Kurtosis		.249	.472

**Extreme Values**

		Case Number	Value
Unstandardized Residual	Highest	1	46
		2	26
		3	47
		4	79
		5	33
	Lowest	1	100
		2	58
		3	66
		4	94
		5	10

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.074	103	.194	.983	103	.209

a. Lilliefors Significance Correction

**Tahap Dewasa**  
**Regression**

**Variables Entered/Removed<sup>p</sup>**

Model	Variables Entered	Variables Removed	Method
1	NBEK, LBK, AKBK <sup>a</sup>	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: ABS\_RES

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.221 <sup>a</sup>	.049	.020	.00090

- a. Predictors: (Constant), NBEK, LBK, AKBK

**ANOVA<sup>b</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	3	.000	1.689	.174 <sup>a</sup>
	Residual	.000	99	.000		
	Total	.000	102			

- a. Predictors: (Constant), NBEK, LBK, AKBK
- b. Dependent Variable: ABS\_RES

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.127E-03	.000		11.978	.000
	LBK	-2.13E-05	.000	-.084	-.845	.400
	AKBK	2.407E-05	.000	.038	.367	.714
	NBEK	1.286E-04	.000	.201	1.928	.057

- a. Dependent Variable: ABS\_RES

LAMPIRAN 11 :

HASIL UJI ASUMSI KLASIK DAN  
UJI REGRESI TAHAP  
PENURUNAN



## Tahap Penurunan Regression

Variables Entered/Removed<sup>b</sup>

Model	Variables Entered	Variables Removed	Method
1	NBEK, LBK, AKBK <sup>a</sup>	.	Enter

a. All requested variables entered.

b. Dependent Variable: RIT

Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.394 <sup>a</sup>	.155	.132	.00201714	1.786

a. Predictors: (Constant), NBEK, LBK, AKBK

b. Dependent Variable: RIT

ANOVA<sup>b</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	3	.000	6.563	.000 <sup>a</sup>
	Residual	.000	107	.000		
	Total	.001	110			

a. Predictors: (Constant), NBEK, LBK, AKBK

b. Dependent Variable: RIT

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	-1.38E-04	.000		-.681	.498		
	LBK	-4.05E-05	.000	-.041	-.461	.646	.973	1.028
	AKBK	1.169E-04	.000	.048	.535	.594	.968	1.034
	NBEK	1.446E-03	.000	.388	4.296	.000	.968	1.033

a. Dependent Variable: RIT

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	LBK	AKBK	NBEK
1	1	1.553	1.000	.17	.10	.14	.17
	2	.896	1.316	.16	.80	.00	.08
	3	.829	1.369	.06	.08	.85	.12
	4	.723	1.466	.61	.01	.00	.62

a. Dependent Variable: RIT

Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	-.0016027	.0051008	.0001110	.00085338	111
Residual	-.0070840	.0060222	.0000000	.00198944	111
Std. Predicted Value	-2.008	5.847	.000	1.000	111
Std. Residual	-3.512	2.985	.000	.986	111

a. Dependent Variable: RIT

**Tahap Penurunan  
Sebelum Data Normal**

**Explore**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	112	100.0%	0	.0%	112	100.0%

**Descriptives**

			Statistic	Std. Error
Unstandardized Residual	Mean		.0000000	.00019984
	95% Confidence Interval for Mean	Lower Bound	-.0003960	
		Upper Bound	.0003960	
	5% Trimmed Mean		.0000781	
	Median		.0001356	
	Variance		.000	
	Std. Deviation		.00211488	
	Minimum		-.00778	
	Maximum		.00606	
	Range		.01384	
	Interquartile Range		.0023134	
	Skewness		-.758	.228
	Kurtosis		2.718	.453

**Extreme Values**

		Case Number	Value
Unstandardized Residual	Highest	1	35
		2	74
		3	9
		4	61
		5	48
	Lowest	1	75
		2	7
		3	31
		4	24
		5	60

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.088	112	.033	.947	112	.000

a. Lilliefors Significance Correction

**Sesudah Data Normal**

**Tahap Penurunan**  
**Explore**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	111	99.1%	1	.9%	112	100.0%

**Descriptives**

			Statistic	Std. Error
Unstandardized Residual	Mean		.0000000	.00018883
	95% Confidence Interval for Mean	Lower Bound	-.0003742	
		Upper Bound	.0003742	
	5% Trimmed Mean		.0000395	
	Median		.0000906	
	Variance		.000	
	Std. Deviation		.00198944	
	Minimum		-.00708	
	Maximum		.00602	
	Range		.01311	
	Interquartile Range		.0023446	
	Skewness		-.468	.229
	Kurtosis		2.230	.455

**Extreme Values**

		Case Number		Value
Unstandardized Residual	Highest	1	35	.00602
		2	74	.00447
		3	9	.00377
		4	61	.00356
		5	48	.00349
	Lowest	1	7	-.00708
		2	31	-.00687
		3	24	-.00454
		4	60	-.00346
		5	21	-.00339

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.075	111	.158	.965	111	.005

a. Lilliefors Significance Correction

**Tahap Penurunan  
Regression**

**Variables Entered/Removed<sup>p</sup>**

Model	Variables Entered	Variables Removed	Method
1	NBEK, LBK, AKBK <sup>a</sup>	.	Enter

a. All requested variables entered.

b. Dependent Variable: ABS\_RES

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.119 <sup>a</sup>	.014	-.013	.00137

a. Predictors: (Constant), NBEK, LBK, AKBK

**ANOVA<sup>b</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	3	.000	.513	.674 <sup>a</sup>
	Residual	.000	107	.000		
	Total	.000	110			

a. Predictors: (Constant), NBEK, LBK, AKBK

b. Dependent Variable: ABS\_RES

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

Model		Unstandardized Coefficients		Standardized Coefficients		Sig.
		B	Std. Error	Beta	t	
1	(Constant)	1.418E-03	.000		10.300	.000
	LBK	7.243E-05	.000	.118	1.208	.230
	AKBK	-2.93E-05	.000	-.019	-.196	.845
	NBEK	3.416E-05	.000	.015	.149	.882

a. Dependent Variable: ABS\_RES



LAMPIRAN 12 :

HASIL SATISTIK DESKRIPTIF



**Descriptive Statistics Tahap Awal**

	N	Minimum	Maximum	Mean	Std. Deviation
RIT	103	-.00461	.00520	.0003640	.00180191
LBK	103	-28.66510	20.73006	-.2376396	5.42028556
AKBK	103	-.99919	18.57740	.7023266	2.56326013
NBEK	103	-.73928	10.04360	.2730167	1.26993950
Valid N (listwise)	103				

**Descriptive Statistics Tahap Pertumbuhan**

	N	Minimum	Maximum	Mean	Std. Deviation
RIT	110	-.00589	.00933	.0000648	.00221764
LBK	110	-20.89820	22.18247	-.2406712	3.67065215
AKBK	110	-.90317	6.45805	.2608206	1.21174603
NBEK	110	-11.05910	15.25182	.2248108	2.00995909
Valid N (listwise)	110				

**Descriptive Statistics Tahap Dewasa**

	N	Minimum	Maximum	Mean	Std. Deviation
RIT	103	-.00262	.00475	.0006263	.00152907
LBK	103	-6.08580	25.96246	.6303278	3.56528628
AKBK	103	-.86345	13.23961	.3207632	1.43774979
NBEK	103	-4.33221	8.37381	.4525049	1.41583161
Valid N (listwise)	103				

**Descriptive Statistics Tahap Penurunan**

	N	Minimum	Maximum	Mean	Std. Deviation
RIT	111	-.00717	.00629	.0001110	.00216474
LBK	111	-10.73881	13.60861	.2903919	2.21730639
AKBK	111	-.94448	5.28524	.1754010	.89428502
NBEK	111	-1.07045	3.68676	.1658746	.58082526
Valid N (listwise)	111				

**Descriptive Statisticsb Panel**

	N	Minimum	Maximum	Mean	Std. Deviation
RIT	418	-.00477	.00933	.0002894	.00178753
LBK	418	-28.66511	25.96246	.0981805	3.87496828
AKBK	418	-.99919	18.57740	.3585744	1.65388737
NBEK	418	-11.05907	15.25182	.2756863	1.42226512
Valid N (listwise)	418				