

## DAFTAR LAMPIRAN

- Lampiran 1 Daftar nilai PBV dan P/E saham-saham yang tertera pada *JSX Monthly Statistic* pada bulan Januari 1998
- Lampiran 2 Daftar Harga Penutupan Saham (*Close Price*) yang tertera pada *JSX Monthly Statistic* pada bulan Januari 1998.
- Lampiran 3 Desile terendah PBV sekaligus harga penutupan  $t+1$ ,  $t+6$ ,  $t+12$  beserta perhitungan perolehan individual saham dari perubahan harga penutupan periode  $t$  ke  $t+n$  dalam persentase relatif terhadap harga penutupan periode  $t$ .
- Lampiran 4 Desile terendah P/E sekaligus harga penutupan  $t+1$ ,  $t+6$ ,  $t+12$  beserta perhitungan perolehan individual saham dari perubahan harga penutupan periode  $t$  ke  $t+n$  dalam persentase relatif terhadap harga penutupan periode  $t$ .
- Lampiran 5 Perhitungan dengan program SPSS (*Statistical Package of Social Science*) mengenai perolehan investasi portofolio saham-saham pada desile PBV dan P/E positif terendah pada periode 1 bulan.
- Lampiran 6 Perhitungan dengan program SPSS mengenai perolehan investasi portofolio saham-saham pada desile PBV dan P/E positif terendah menggunakan pada periode 6 bulan.
- Lampiran 7 Perhitungan dengan program SPSS mengenai perolehan

investasi portofolio saham-saham pada desile PBV dan P/E positif terendah pada periode 12 bulan.

Lampiran 8 Proses dari lampiran 5 ,6 , dan 7 secara portofolio



# LAMPIRAN



**JANUARI 1998**

LISTED STOCKS	PER	PBV	LISTED STOCKS	PER	PBV
<b>1. AGRICULTURE</b>			<b>3. Branta Mulia Tbk</b>		0.99
<b>1.1. CROPS</b>			<b>4. Gajah Tunggal Tbk</b>	8.47	0.57
<b>1.2. PLANTATION</b>			<b>5. Goodyear Indonesia Tbk</b>	3.38	0.40
1. Bakrie Sumatra Plantation Tbk	6.09	1.06	<b>5. Indospring Tbk</b>	8.58	1.04
2. PP Londen Sumatera Tbk	18.59	2.88	<b>7. Lippo Enterprises Tbk</b>		1.02
<b>1.3. ANIMAL HUSBANDRY</b>			<b>8. Nipross</b>		0.08
1. Cipendawa Farm Enterprises		0.13	<b>9. Prima Alloy Steel Unversal Tbk</b>	10.59	0.85
2. Multibraeder Adlrama Ind. Tbk		0.08	<b>10. Selamat Sempurna Tbk</b>	2.28	0.45
<b>1.4. FISHERY</b>			<b>4.3. TEXTILE, GARMENT</b>		
1. Daya Guna Samudera Tbk	15.76	4.62	<b>1. APAC Centertex Corporation</b>	4.74	0.24
<b>1.5. FORESTRY</b>			<b>2. Argo Pantes Tbk</b>	13.33	0.80
<b>1.9. OTHERS</b>			<b>3. Conlex</b>	2.09	0.17
<b>2. MINING</b>			<b>4. Concord Benefit Enterprises</b>		-0.12
<b>2.1. COAL MINING</b>			<b>5. Eratex Djaja Limited Tbk</b>	3.97	0.28
<b>2.2. CRUDE PETROLEUM &amp; NATURAL GAS PRODUCTION</b>			<b>6. Ever Shine Textile Industry Tbk</b>		0.54
1. Medco Enorgl Corp. Tbk.	15.89	2.00	<b>7. Great Golden Star</b>		1.75
<b>2.3. METAL &amp; MINERAL MINING</b>			<b>8. Great River Internasional</b>	6.58	0.38
1. Aneka Tambang Tbk	42.31	4.24	<b>9. Indorama Syntexes</b>	36.23	2.69
<b>2. INCO Tbk</b>	30.42	1.62	<b>10. Karwail Indonesia Tbk</b>	13.20	1.12
3. Timah Tbk	39.03	7.15	<b>11. Hanson Industri Utama Tbk</b>		22.65
<b>2.4. LAND / STONE QUARRYING</b>			<b>12. Panasia Filament Inti Tbk</b>	2.34	0.58
1. Citabab Tbk	1.37	0.15	<b>13. Pan Brothers Tbk</b>	0.97	-8.14
<b>2.9. OTHERS</b>			<b>14. Panasia Indesyntex</b>	5.17	0.28
1. Alter Abadi Tbk			<b>15. Polysindo Eka Perkasa Tbk</b>	41.78	4.38
<b>3. BASIC INDUSTRY &amp; CHEMICALS</b>	7.35	0.26	<b>16. Roda Vivatex Tbk</b>	4.22	0.39
<b>3.1. CEMENT</b>			<b>17. Ricky Putra Globalindo Tbk</b>	10.47	2.12
1. Indocement Tunggal Prakarsa Tbk	9.77	4.75	<b>18. Sarasa Nugraha</b>		-0.67
2. Semon Cibinong Tbk	3.80	0.32	<b>19. Sunson Textile Manufacturer Tbk</b>	4.61	0.56
3. Semon Gresik Tbk	11.94	1.00	<b>20. Temasco Jaya Tbk</b>	23.10	4.05
<b>3.2. CERAMICS, GLASS, PORCELAIN</b>			<b>21. TIFICO</b>		0.83
1. Asahimas Fat Glass Tbk	24.76	0.34	<b>4.4. FOOTWEAR</b>		
2. Intikersmik Alamarsi Industri Tbk	14.64	0.93	<b>1. Primarindo Asia Infrastructur Tbk</b>		2.48
3. Koramilia Indonesia Asosiasi Tbk		0.18	<b>2. Kasogi International Tbk</b>		0.24
4. Surya Toto Indonesia	5.80	1.04	<b>3. Sepatu Bata</b>	3.25	0.35
<b>3.3. METAL &amp; ALLIED PRODUCTS</b>			<b>4. Super Mitroy Utama</b>	10.50	0.74
1. Alumindo Light Metal Industry Tbk	7.04	0.31	<b>5. Artha Graha Investama Sentral Tbk</b>	35.10	1.21
2. Alakasa Industriindo Tbk		0.37	<b>4.5. CABLE</b>		
3. Citra Tubindo Tbk	10.08	2.12	<b>1. Sumi Indo Kabel Tbk</b>		70.85
4. Indal Aluminium Industry Tbk	3.94	0.37	<b>2. Jombo Cable Company Tbk</b>	3.55	0.18
5. Itamaraya Gold Industry Tbk	67.72	1.25	<b>3. GT Kabel Indonesia Tbk</b>		0.26
6. Jakarta Kyoei Steel Works Ltd Tbk		1.19	<b>4. Kabelindo Murni Tbk</b>		0.18
7. Jaya Pari Steel Corp. Tbk		0.37	<b>5. Sucaco Tbk</b>		0.22
8. Lion Metal Works Tbk	7.13	0.53	<b>6. Volkesel Electrix Tbk</b>		0.22
9. Lionmash Prima Tbk	8.20	0.95	<b>4.6. ELECTRONICS</b>		
10. Pelangi Indah Canindo Tbk	2.89	0.69	<b>1. Indostel Tbk</b>		3.16
11. Tombaga Mulia Somanan Tbk		0.14	<b>2. Trafindo Perkasa Tbk</b>	72.71	0.58
<b>3.4. CHEMICALS</b>			<b>4.9. OTHERS</b>	59.38	1.72
1. Budi Acid Jaya Tbk	5.76	0.41	<b>1. Asiana Multikroast Tbk</b>		1.85
2. Duta Peritwi Nusantara Tbk	0.99	0.21	<b>2. Intinusa Selsesa</b>		
3. Elazharma Tape Ind	7.64	0.93	<b>6. CONSUMER GOODS INDUSTRY</b>		
4. Intan Wijaya Chemical Industry Tbk	1.15	0.23	<b>5.1. FOOD AND BEVERAGES</b>		
5. Kurnia Kapuas UGI Tbk		0.45	<b>1. Ades Alindo Putra Sebin Tbk</b>	16.66	0.54
6. Sorini Corporation Tbk		0.59	<b>2. Aqua Golden Mississippi</b>	2.69	0.72
7. Tri Polya Indonesia Tbk		0.27	<b>3. Asia Intiseleria</b>		0.30
8. Unggul Indah Corp Tbk	77.41	2.06	<b>4. Cahaya Kalbar Tbk</b>	7.41	1.52
<b>3.5. PLASTIC &amp; PACKAGING</b>			<b>5. Davomas Abadi</b>	3.83	1.10
1. Argha Karya Prima Ind Tbk		1.20	<b>6. Delta Djakarta</b>	4.18	1.52
2. Borlina Tbk	3.21	0.34	<b>7. Fiskaragung Perkasa Tbk</b>	3.85	0.71
3. Dynaplasi Tbk	6.82	0.71	<b>8. Indofood Sukses Makmur Tbk</b>		2.43
4. Igar Jaya Tbk		0.68	<b>9. Mayora Indah</b>	16.15	0.57
5. Trias Sentosa	3.79	0.18	<b>10. Mwon Indonesia Tbk</b>		1.43
6. Wahana Jaya Perkasa Tbk		1.24	<b>11. Multi Bintang Indonesia Tbk</b>	24.01	6.26
7. Van Der Horst Indonesia Tbk		0.36	<b>12. Prasihana Aneka Niaga Tbk</b>	12.39	0.71
<b>3.6. ANIMAL FEED</b>			<b>13. Sari Husada Tbk</b>	17.14	4.69
1. Chereon Pokphand Indonesia Tbk		0.28	<b>14. Sekar Bumi</b>	1.20	0.19
2. Dharmala Agrifood	31.66	0.25	<b>15. Sekar Laut Tbk</b>	1.74	0.21
3. JAPFA Comfeed Indonesia Tbk		0.16	<b>16. Slantar Top Tbk</b>	4.40	0.75
4. Slered Produce Tbk	2.25	0.14	<b>17. SMART Corporation Tbk</b>	4.10	0.41
<b>3.7. WOOD INDUSTRIES</b>			<b>18. Suba Indah</b>	0.42	0.18
1. Barito Pacific Timber	25.92	1.51	<b>19. Ultra Jaya Milk</b>	13.67	0.78
2. Daya Sakti Unggul Corporation Tbk	5.52	0.67	<b>5.2. TOBACCO MANUFACTURERS</b>		
3. Sumalindo Lestari Jaya Tbk		0.61	<b>1. BAT Indonesia</b>	17.31	5.93
4. Surya Dumai Industri Tbk	36.52	4.38	<b>2. Gudang Garam Tbk</b>	28.01	8.39
<b>3.8. PULP &amp; PAPER</b>			<b>3. HM Sampoerna Tbk</b>	9.83	2.58
1. Fajar Surya Wisaca		0.26	<b>5.3. PHARMACEUTICALS</b>		
2. Indah Kiat Pulp & Paper Corp Tbk	22.45	1.31	<b>1. Bayer Indonesia (common stock)</b>	9.79	1.45
3. Inti Indorayon Utama		0.21	<b>2. Bayer Indonesia (preferred stock)</b>	7.68	1.14
4. Suparna Tbk	25.03	0.21	<b>3. Dankos Laboratories Tbk</b>	2.60	0.50
5. Surabaya Agung Industry Pulp	14.19	0.21	<b>4. Darya - varia Laboratoria Tbk</b>		0.48
6. Tjawi Kima Tbk	6.39	0.86	<b>5. Kalbe Farma</b>	5.32	0.72
<b>4. MISCELLANEOUS INDUSTRY</b>			<b>6. Morck Indonesia Tbk</b>	2.97	2.19
<b>4.1. MACHINERY &amp; HEAVY EQUIPMENT</b>			<b>7. Schering Plough Indonesia Tbk</b>	1.74	0.47
1. Komatsu Indonesia Tbk	1.21	0.38	<b>8. Squibb Indonesia Tbk</b>	2.62	0.69
2. Temasco Perkasa Engineering Tbk	52.31	11.93	<b>9. Tempo Scan Pacific Tbk</b>	11.31	0.52
<b>4.2. AUTOMOTIVE AND COMPONENTS</b>			<b>5.4. COSMETICS AND HOUSEHOLD</b>		
1. GT Petrochem Industries Tbk	10.02	0.42	<b>1. Mustika Ratu Tbk</b>	7.52	1.02
2. Astra International Tbk	6.54	0.89	<b>2. Procter &amp; Gambia Ind.</b>	5.31	0.94
			<b>3. Tancho Indonesia Tbk</b>	7.74	1.04

4. Unilever Indonesia Tbk	13.11	6.21	7. Lippo Pacific Tbk	8.93	0.97
<b>6.6. HOUSEWARE</b>			8. Mahareni Infifinance Tbk	3.96	0.26
1. Kedawang Indah Can Tbk	3.64	0.34	9. Panin Overseas Finance	1.97	0.28
2. Kedawang Setia Industrial Tbk	4.68	0.22	10. Perdana Inti Investama	8.71	0.14
3. Langgeng Makmur Ind. Tbk	0.95	0.27	11. Putra Surya Mulidana Tbk	2.25	0.25
<b>6. PROPERTY, REAL ESTATE AND BUILDING CONSTRUCTION</b>			12. Sinar Mas Mulibarta	2.62	0.58
<b>6.1. PROPERTY AND REAL ESTATE</b>			<b>8.3. SECURITIES COMPANY</b>		
1. Bhuwanatala Indah Permai Tbk		0.22	1. Bhakti Investama Tbk	14.72	4.80
2. Bukit Sentul Tbk		0.25	2. Lippo Securities Tbk	5.73	0.47
3. Ciputra Development	4.67	0.12	3. Makindo Tbk	20.54	4.00
4. Dharmala Intiland Tbk	9.12	0.74	<b>8.4. INSURANCE</b>		
5. Duta Anggada Realty	0.68	0.12	1. Asuransi Bina Dana Arta Tbk	0.58	0.11
6. Duta Periwati Tbk	4.27	0.22	2. Asuransi Harta Aman Pratama Tbk	1.52	0.19
7. Bakrieland Development Tbk	5.70	0.19	3. Asuransi Bintang Tbk	6.37	1.04
8. JIHD	22.41	0.40	4. Asuransi Dayin Mitra Tbk	10.84	1.24
9. Jaya Real Property Tbk	3.63	0.59	5. Asuransi Ramayana Tbk	5.41	1.74
10. Kawasan Industri Jababeka Tbk	42.24	0.37	6. Lippo General Insurance Tbk	2.45	0.43
11. Lippo Cikarang Tbk		1.20	7. Asuransi Lippo Life Tbk	4.91	0.37
12. Lippo Karawaci Tbk		0.25	8. Maskapai Reasuransi Lna.	10.67	1.31
13. Lippo Land Development Tbk	10.00	0.27	9. Panin Insurance Tbk	5.01	0.73
14. Modernland Realty Ltd	42.74	1.43	10. Panin Life Tbk	1.73	0.20
15. Multiland Tbk		1.46	11. Pool Asuransi Indonesia	15.38	1.45
16. Indonesia Prima Property Tbk	2.90	0.31	<b>8.5. INVESTMENT / MUTUAL FUND</b>		
17. Putra Surya Parkaso Tbk		0.64	1. BDNJ Reksadana	1.85	0.59
18. Pudiadi Prestige Limited Tbk	18.84	0.61	<b>8.9. OTHERS</b>		
19. Pakuwon Jati Tbk		0.74	<b>9. TRADE, SERVICES &amp; INVESTMENT</b>		
20. Panca Wiratama Sakti Tbk	12.97	1.62	<b>9.1. WHOLESALE (DURABLE &amp; NON DURABLE GOODS)</b>		
21. Ristia Bintang Mahkotasejahta Tbk		0.37	1. Aneka Kimia Raya Tbk		1.51
22. Suryaini Permata Tbk	6.71	1.20	2. Astor Dharma Industry Tbk		1.02
23. Suryomas Dutamakmur Tbk		1.57	3. Astra Graphis Tbk	46.58	0.75
<b>6.2. BUILDING CONSTRUCTION</b>			4. Hordindo Adiperkasa Tbk	23.47	1.83
1. Surya Somesta Intermusa Tbk	1.30	0.19	5. Lautan Luas Tbk	11.90	0.69
<b>7. INFRASTRUCTURE, UTILITIES AND TRANSPORTATION</b>			6. Intraco Pontia Tbk	1.79	0.20
<b>7.1. ENERGY</b>			7. Surya Hidup Satwa		2.14
<b>7.2. TOOL ROAD, AIRPORT, HARBOR AND ALLIED PRODUCTS</b>			8. Tira Austenite Tbk	15.23	1.25
1. Citra Marga Nushapala Persada Tbk	6.65	0.66	9. Tunas Ridoan Tbk	7.92	0.69
<b>7.3. TELECOMMUNICATION</b>			10. United Tractors Tbk	39.31	0.13
1. INDOSAT	31.29	6.46	<b>9.2. WHOLESALE</b>		
2. Telekomunikasi Indonesia	26.71	4.17	1. Enseval Putra Megatrading	15.60	0.43
<b>7.4. TRANSPORTATION</b>			2. Inter Delta Tbk		0.51
1. Borlian Laju Tanker Tbk	34.86	4.36	3. Modern Photo Tbk	4.40	0.73
2. Centris Multi Persada Pratama Tbk	8.50	1.37	4. Muji Industrindo	17.31	0.68
3. Mitra Rajasa Tbk	2.58	0.41	5. Pardana Bangun Pusaka		0.27
4. Rig Tenders	7.81	0.77	6. Transindo Multi Prima Tbk	31.64	5.17
5. Steady Safe Tbk	0.63	0.08	7. Soedarpo Corp		-19.12
6. Zebra Nusantara Tbk	42.44	1.98	8. Tigaraksa Satria	51.85	3.04
<b>7.6. NON BUILDING CONSTRUCTION</b>			9. Wicaksana Overseas International	2.74	0.32
1. Bukaka Teknik Utama	0.64	0.10	<b>9.3. RETAIL TRADE</b>		
2. Petrosasa Tbk	3.74	0.70	1. Hero Supermarket	16.31	1.33
<b>8. FINANCE</b>			2. Matahari Putra Prima Tbk	22.78	1.49
<b>8.1. BANK</b>			3. Metro Supermarket Realty Tbk	14.62	0.77
1. Bank Arya Panduaria Tbk	10.40	1.18	4. Ramayana Lestari Sentosa Tbk	15.07	2.98
2. Bank Bahari Tbk	5.06	0.48	5. Toko Gunung Agung Tbk		2.04
3. Bank Bali	1.89	0.27	<b>9.4. RESTAURANT</b>		
4. Bank CICI International Tbk	3.81	0.54	1. Fnst Food Indonesia	12.54	1.80
5. Bank Danamon Indonesia Tbk	4.24	0.42	2. Putra Sejahtera Pioneerindo Tbk	44.93	2.96
6. Bank Duta	4.76	0.57	<b>9.6. HOTEL AND TOURISM</b>		
7. Bank Bira	6.80	0.99	1. Bayu Buana Tbk	2.53	0.17
8. Bank Global Internasional Tbk	23.34	2.70	2. Bumi Modern Tbk		29.52
9. Bank Mawhil Utama Tbk	5.24	0.72	3. Hotel Prapatian Tbk		0.77
10. Bank Negara Indonesia Tbk	6.02	0.74	4. Jakarta Setiajudi Property Tbk		3.61
11. Bank Niaga Tbk	3.08	0.51	5. Mas Murni Indonesia	6.38	0.26
12. Bank Mayapada Internasional Tbk	3.54	0.41	6. Plaza Indonesia Realty Tbk	17.67	1.06
13. Bank NISP	8.23	1.10	7. Pudiadi & Sons Estates Ltd. Tbk		3.33
14. Bank Papan Sejahtera		0.77	8. Hotel Sahid Jaya	12.83	0.68
15. Bank PDFCI	4.40	0.65	9. Sona Tepas Tourism Industry	2.87	0.47
16. Bank Pikko Tbk	5.20	0.78	<b>9.6. ADVERTISING AND MASS MEDIA</b>		
17. Bank RAMA	7.87	1.07	<b>9.7. COMPUTER AND SERVICES</b>		
18. Bank Surya	1.00	0.19	1. Metrodala Electronics Tbk	2.23	0.36
19. Bank Tera Asia Tbk	1.01	0.14	2. Multipolar Corporation Tbk		0.25
20. Bank Umum Servitia	9.69	1.57	<b>9.8. INVESTMENT COMPANY</b>		
21. BDNJ	3.20	0.42	1. Anwar Sierad	1.05	0.10
22. Bil	3.69	0.63	2. Astra Argo Lestari	47.01	5.54
23. BUN Tbk	4.51	0.47	3. Bakrie & Brothers Tbk	2.32	0.35
24. Bank Universal Tbk	8.24	0.47	4. Birantara Citra Tbk	4.34	0.49
25. Ficoinvest Bank	8.13	0.84	5. CP Prima		1.07
26. Bank Invest Tbk	4.71	0.81	6. Dharmala Sakti Sejahtera	5.54	0.39
27. Inter-Pacific Bank Tbk	4.68	0.73	7. Dharmindo Adhikuta Tbk		0.24
28. Lippo Bank Tbk	3.14	0.57	8. Eterindo Wahanatama Tbk	8.27	0.87
29. Bank Modern Tbk	4.87	0.28	9. Humpuss Intarmoda Transportasi Tbk	15.18	1.58
30. Bank Pan Indonesia Tbk	3.66	0.40	10. Indomobil Sukses Internasional Tbk		2.05
31. Bank Tamara Tbk	1.84	0.45	11. Jakarta Setiajudi Property Tbk	22.89	3.36
32. Bank Unibank Tbk	1.62	0.36	12. Omstraco Corporation		1.18
<b>8.2. FINANCIAL INSTITUTION</b>			<b>9.9. OTHERS</b>		
1. Bakrie Finance Corp		3.97	1. Balgraha Medikatama Tbk	120.58	150
2. BBL Dharmala Finance Tbk	5.03	0.85			
3. Bunas Finance Indonesia Tbk	1.35	0.25			
4. Clipan Finance Indonesia Tbk	3.63	0.48			
5. BDNJ Capital Corporation Tbk	4.98	0.82			
6. Indocitra Finance	1.45	0.16			

# LAMPIRAN





STOCK NAME	CLOSE PREV.	CLOSE	STOCK NAME	CLOSE PREV.	CLOSE
<b>1. AGRICULTURE</b>			<b>5. GT Petrochem Industries Tbk</b>	250	250
<b>1.2. CROPS</b>			<b>6. Indospring Tbk</b>	1,650	1,125
<b>1.2. PLANTATION</b>			<b>7. Lippo Enterprises Tbk</b>	4,000	3,700
1. Bakrie Sumatra Plantation Tbk	1,175	1,650	<b>8. Nipross</b>	125	225
2. PP London Sumalera Tbk	2,125	2,675	<b>9. Prima Alloy Steel Universal Tbk</b>	550	325
<b>1.3. ANIMAL HUSBANDRY</b>			<b>10. Selamat Sempurna Tbk</b>	300	500
1. Clipendawa Farm Enterprises	200	350	<b>4.3. TEXTILE, GARMENT</b>		
2. Multibroeder Adirama Ind. Tbk	100	250	<b>1. APAC Contartex Corporation</b>	250	300
<b>T.A. FISHERY</b>			<b>2. Argo Pantos Tbk</b>	1,050	1,025
1. Daya Gusa Samudera Tbk	6,375	6,150	<b>3. Centex</b>	850	1,150
<b>1.6. FORESTRY</b>			<b>4. Concord Benefit Enterprises</b>	250	225
<b>1.10. OTHERS</b>			<b>5. Erelax Djaja Limited Tbk</b>	200	250
<b>2. MINING</b>			<b>6. Ever Shine Textile Industry Tbk</b>	325	350
<b>2.1. COAL MINING</b>			<b>7. Groat Golden Star</b>	1,500	1,500
<b>2.2. CRUDE PETROLEUM &amp; NATURAL GAS PRODUCTION</b>			<b>8. Groat River Internasional</b>	275	475
1. Medco Energi Corp. Tbk.	4,225	3,850	<b>9. Hanson Industri Utama Tbk</b>	4,400	4,400
<b>2.3. METAL &amp; MINERAL MINING</b>			<b>10. Indorama Synthetics</b>	2,800	2,500
<b>1. INCO Tbk</b>	9,800	10,000	<b>11. Karveil Indonesia Tbk</b>	675	725
<b>2. Aneka Tambang Tbk</b>	1,650	1,575	<b>12. Pan Brothers Tbk</b>	175	250
<b>9. Timah Tbk</b>	10,400	7,550	<b>13. Pansia Indosyntex</b>	225	200
<b>2.4. LAND / STONE QUARRYING</b>			<b>14. Pansia Filament Inti Tbk</b>	275	225
<b>1. Citatah Tbk</b>	225	775	<b>15. Polysindo Eka Perkasa Tbk</b>	1,650	1,175
<b>2.9. OTHERS</b>			<b>16. Ricky Putra Globalindo Tbk</b>	675	800
1. Alter Abadi Tbk	175	575	<b>17. Roda Vivatex Tbk</b>	350	475
<b>3. BASIC INDUSTRY &amp; CHEMICALS</b>			<b>18. Saresa Nugraha</b>	100	175
<b>3.1. CEMENT</b>			<b>19. Sunson Textile Manufacturer Tbk</b>	300	275
1. Indocement Tunggul Prakarsa Tbk	3,325	3,000	<b>20. Texmaco Jaya Tbk</b>	3,375	3,400
2. Semen Cibinong Tbk	325	475	<b>21. TIFICO</b>	675	675
3. Semen Gresik Tbk	4,300	5,475	<b>4.4. FOOTWEAR</b>		
<b>3.2. CERAMICS, GLASS, PORCELAIN</b>			<b>1. Primarindo Asia Infrastruktur Tbk</b>	1,150	1,150
1. Asahimas Fai Glass Tbk	375	600	<b>2. Kasogi International Tbk</b>	125	175
2. Inlakeramik Alamansi Industri Tbk	575	650	<b>3. Sepatu Bata</b>	1,200	1,700
3. Koramika Indonesia Asosiasi Tbk	125	300	<b>4. Supor Motory Utama</b>	1,400	1,400
4. Surya Toto Indonesia	2,900	2,300	<b>5. Atha Graha Investama Sentral Tbk</b>	625	550
<b>3.3. METAL &amp; ALLIED PRODUCTS</b>			<b>4.5. CABLE</b>		
1. Alumindo Light Molal Industry Tbk	250	300	<b>1. Sumi Indo Kabel Tbk</b>	500	900
2. Alakasa Industrindo Tbk	250	275	<b>2. Jembo Cable Company Tbk</b>	125	350
3. Citra Tubindo Tbk	5,600	18,500	<b>3. GT Kabel Indonesia Tbk</b>	150	300
4. Indal Aluminium Industry Tbk	250	325	<b>4. Kabelindo Murni Tbk</b>	225	300
5. Itamaraya Gold Industry Tbk	1,700	1,875	<b>5. Sucasco Tbk</b>	200	400
6. Jakarta Kysel Steel Works Ltd Tbk	650	700	<b>6. Voksel Electric Tbk</b>	200	425
7. Jaya Pari Steel Corp. Tbk	200	225	<b>4.6. ELECTRONICS</b>		
8. Lion Metal Works Tbk	1,675	1,000	<b>1. Joewon Jaya Indonesia</b>	2,000	1,500
9. Lionmesh Prima Tbk	700	500	<b>2. Trafindo Perkasa Tbk</b>	1,225	1,225
10. Pelangi Indah Canindo Tbk	475	425	<b>4.9. OTHERS</b>		
11. Tambaga Mutia Semanan Tbk	525	650	<b>1. Asiana Multifreest Tbk</b>	625	625
<b>3.4. CHEMICALS</b>			<b>2. Intinusa Selarasa</b>	1,800	1,800
1. Budi Acid Jaya Tbk	300	575	<b>6. CONSUMER GOODS INDUSTRY</b>		
2. Duta Portwi Nusantara Tbk	325	525	<b>5.1. FOOD AND BEVERAGES</b>		
3. Ekadharma Tapo Ind	1,825	1,825	<b>1. Adea Alindo Putra Seia Tbk</b>	600	675
4. Intan Wijaya Chemical Industry Tbk	400	575	<b>2. Aqua Golden Mississippi</b>	2,300	4,500
5. Kurnia Kapuas UGI Tbk	375	450	<b>3. Asia Intiselera</b>	200	300
6. Sorini Corporation Tbk	350	375	<b>4. Cahaya Kalbar Tbk</b>	1,525	1,325
7. Tri Polya Indonesia Tbk	625	1,250	<b>5. Davomas Abadi</b>	950	1,400
8. Unggul Indah Corp Tbk	1,850	1,650	<b>6. Delta Djakarta</b>	10,000	5,500
<b>3.5. PLASTIC &amp; PACKAGING</b>			<b>7. Fiskaregung Perkasa Tbk</b>	475	725
1. Argha Karya Prima Ind Tbk	800	800	<b>8. Indofood Sukses Makmur Tbk</b>	1,825	2,700
2. Berlina Tbk	875	775	<b>9. Mayora Indah</b>	425	450
3. Dymplast Tbk	450	575	<b>10. Miwon Indonesia Tbk</b>	1,550	1,550
4. Igor Jaya Tbk	700	700	<b>11. Multi Bintang Indonesia Tbk</b>	45,100	44,800
5. Trias Senlusa	150	250	<b>12. Prsidha Aneka Niaga Tbk</b>	475	450
6. Wahana Jaya Perkasa Tbk	1,000	500	<b>13. Sari Husada Tbk</b>	5,000	5,000
7. Van Der Horst Indonesia Tbk	200	450	<b>14. Sekar Bumi</b>	200	275
<b>3.6. ANIMAL FEED</b>			<b>15. Sekar Laut Tbk</b>	175	250
1. Charoen Pakphand Indonesia Tbk	175	425	<b>16. Siantar Top Tbk</b>	925	950
2. Dharmala Agrifood	150	200	<b>17. SMART Corporation Tbk</b>	600	675
3. JAPFA Cornfeed Indonesia Tbk	250	375	<b>18. Suba Indah</b>	425	425
4. Slenad Produce Tbk	100	125	<b>19. Ultra Jaya Milk</b>	1,025	1,100
<b>3.7. WOOD INDUSTRIES</b>			<b>5.2. TOBACCO MANUFACTURERS</b>		
1. Barito Pacific Timber	2,100	2,000	<b>1. BAT Indonesia</b>	25,000	28,500
2. Daya Sakti Unggul Corporation Tbk	475	625	<b>2. Gudang Garam Tbk</b>	12,700	11,050
3. Sumalindo Lestari Jaya Tbk	600	850	<b>3. HM Sampoerna Tbk</b>	4,700	5,100
4. Surya Dumas Industri Tbk	3,000	2,375	<b>5.3. PHARMACEUTICALS</b>		
<b>3.8. PULP &amp; PAPER</b>			<b>1. Bayer Indonesia</b>	1,450	1,450
1. Fajar Surya Wisosa	375	350	<b>2. Bayer Indonesia SB</b>	1,850	1,800
2. Indah Klat Pulp & Paper Corp Tbk	1,400	1,950	<b>3. Danks Laboratoris Tbk</b>	450	625
3. Inti Indonayon Utama	375	1,200	<b>4. Darya - varia Laboratoria Tbk</b>	425	825
4. Suparna Tbk	125	200	<b>5. Kalbe Farma</b>	725	1,050
5. Surabaya Agung Industry Pulp	275	350	<b>6. Merck Indonesia Tbk</b>	9,000	12,800
6. Tjilwi Kimia Tbk	1,275	1,675	<b>7. Schering Plough Indonesia Tbk</b>	3,400	6,100
<b>4. MISCELLANEOUS INDUSTRY</b>			<b>8. Squilbb Indonesia Tbk</b>	7,200	7,200
<b>4.1. MACHINERY &amp; HEAVY EQUIPMENT</b>			<b>9. Tempo Scan Pacific Tbk</b>	350	650
1. Komatsu Indonesia Tbk	350	725	<b>5.4. COSMETICS AND HOUSEHOLD</b>		
2. Texmaco Perkasa Engineering Tbk	1,350	2,725	<b>1. Mustika Ratu Tbk</b>	1,425	2,025
<b>4.2. AUTOMOTIVE AND COMPONENTS</b>			<b>2. Procter &amp; Gombler Ind.</b>	11,500	13,500
1. Astra International Tbk	1,225	1,675	<b>3. Tancho Indonesia Tbk</b>	1,350	1,600
2. Branib Mulia Tbk	775	775	<b>4. Unilever Indonesia</b>	31,000	35,000
3. Gajah Tunggal Tbk	350	375	<b>6.6. HOUSEWARE</b>		
4. Goodyear Indonesia	1,400	1,200	<b>1. Kodasung Indah Can Tbk</b>	225	400
			<b>2. Kodawang Seia Industrial Tbk</b>	150	225

4. Langgong Makmur Ind. Tbk	150	225	11. Putra Surya Multidana	225	300
6. PROPERTY, REAL ESTATE AND BUILDING CONSTRUCTION			12. Sinar Mas Multiartha	600	1,500
6.1. PROPERTY AND REAL ESTATE			8.3. SECURITIES COMPANY		
1. Bhuwanatela Indah Purnai Tbk	100	150	1. Bhakti Investama Tbk	1,150	950
2. Ciputra Development	290	325	2. Lippo Securities Tbk	200	200
3. Dhamala Inland Tbk	500	325	3. Majendo Tbk	1,175	1,175
4. Duta Anggada Realty	100	175	8.4. INSURANCE		
5. Duta Permai Tbk	175	275	1. Asuransi Harta Aman Pratama Tbk	350	400
6. Indonesia Prima Property Tbk	1,650	1,850	2. Asuransi Binlang Tbk	300	350
7. JIHD	700	950	3. Lippo General Insurance Tbk	225	325
8. Jaya Real Property Tbk	250	475	4. BDNl Asuransi	650	550
9. Kawasan Industri Jababeka Tbk	1,175	1,075	5. Asuransi Ramayana Tbk	3,975	3,975
10. Lippo Cikarang Tbk	250	300	6. Dharma Insurance	1,725	1,725
11. Lippo Karawaci Tbk	525	475	7. Asuransi Lippo Life Tbk	250	325
12. Lippo Land Development Tbk	325	400	8. Maskapai Reasuransi Ina.	950	1,100
13. Modernland Realty Ltd	325	450	9. Panin Insurance Tbk	550	525
14. Muliland Tbk	1,225	1,125	10. Panin Life Tbk	350	400
15. Pakuwon Jatid Tbk	350	525	11. Pool Asuransi Indor Asia	2,200	2,200
16. Panca Wiratama Sakti Tbk	1,750	1,750	8.5. INVESTMENT / MUTUAL FUND		
17. Pujjadi Prostage Limited Tbk	400	750	1. BDNl Reksadana	400	275
18. Putra Surya Perkasa Tbk	350	275	8.9. OTHERS		
19. Ristia Bintang Mahkotasejahta Tbk	500	475	9. TRADE, SERVICES & INVESTMENT		
20. Royal Sentul Highlands Tbk	125	200	9.1. WHOLESALE (DURABLE & NON DURABLE GOODS)		
21. Summarecon Agung	275	325	1. Aneka Kimia Raya Tbk	650	625
22. Suryanil Permata Tbk	550	1,000	2. Lautan Luas Tbk	975	1,375
23. Suryamas Dufamakmur Tbk	900	800	3. Aster Dharma Industry Tbk	1,600	1,600
6.2. BUILDING CONSTRUCTION			4. Astra Graphia Tbk	650	1,000
1. Surya Somasta Internusa Tbk	150	300	5. Hazindo Adiperkasa Tbk	4,200	4,200
7. INFRASTRUCTURE, UTILITIES AND TRANSPORTATION			6. Intraco Panto Tbk	150	275
7.1. ENERGY			7. Surya Hidup Satwa	700	650
7.2. TOOL ROAD, AIRPORT, HARBOR AND ALLIED PRODUCTS			8. Tira Austonite Tbk	2,150	2,150
1. Cita Marga Nushapala Persada Tbk	425	575	9. Tunas Ridesan Tbk	475	450
7.3. TELECOMMUNICATION			10. United Tractors Tbk	425	1,450
1. INDOSAT	18,000	12,725	9.2. WHOLESALE		
2. Telekomunikasi Indonesia	4,300	3,500	1. Enseval Putra Megabeding	300	275
7.4. TRANSPORTATION			2. Inter Delta Tbk	175	450
1. Borlian Laju Tanker Tbk	1,500	2,075	3. Modern Photo Tbk	925	1,500
2. Contris Multi Persada Pratama Tbk	3,000	2,300	4. Mulla Industrindo	525	675
3. Mitra Rejasa Tbk	350	275	5. Perdana Bangun Pusaka	150	200
4. Rig Tenders	1,325	1,675	6. Transindo Multi Prima Tbk	1,675	1,775
5. Steady Safe Tbk	75	175	7. Seodjarjo Corp	2,175	2,175
6. Zebra Nusantara Tbk	1,325	1,325	8. Tigaraksa Satria	5,600	5,600
7.5. NON BUILDING CONSTRUCTION			9. Wicaksana Overseas International	250	400
1. Buaka Teknik Utama	200	350	9.3. RETAIL TRADE		
2. Petrosea Tbk	4,400	5,000	1. Hero Supermarket	1,275	1,850
8. FINANCE			2. Matahari Putra Prima Tbk	325	350
8.1. BANK			3. Metro Supermarket Realty Tbk	1,200	1,200
1. Bank Arya Panduarta Tbk	600	900	4. Ramayana Lestari Sentosa Tbk	4,600	5,150
2. Bank Bahari Tbk	300	300	5. Toko Gunung Agung Tbk	2,100	2,100
3. Bank Negara Indonesia Tbk	525	525	9.4. RESTAURANT		
4. Bank CIC International Tbk	375	450	1. Fast Food Indonesia	3,000	1,000
5. Bank Danamon Indonesia Tbk	400	400	2. Putra Sejahtera Pioneerindo Tbk	2,300	2,300
6. BDNl	300	275	9.5. HOTEL AND TOURISM		
7. Bank Duta	700	675	1. Bayu Buana Tbk	100	175
8. Bank Global Internasional Tbk	975	1,200	2. Bumi Modern Tbk	125	175
9. Bank Bira	675	500	3. Bakrieland Development Tbk	100	225
10. Bank Mashil Utama Tbk	450	425	4. Hotel Prapatan Tbk	900	900
11. Bank Niaga Tbk	500	575	5. Hotel Sahid Jaya	300	350
12. Bank Internasional Indonesia	500	600	6. Mas Mumi Indonesia	150	225
13. Bank Bali	450	775	7. Plaza Indonesia Realty Tbk	1,850	1,850
14. Bank Pikko Tbk	525	650	8. Pujjadi & Sons Estates Ltd. Tbk	750	750
15. Bank Papan Sejahtera	775	600	9. Sora Topas Tourism Industry	300	600
16. Bank Surya	175	225	9.6. ADVERTISING AND MASS MEDIA		
17. Bank Tiara Asla Tbk	225	300	9.7. COMPUTER AND SERVICES		
18. Bank Umum Nasional	800	550	1. Metrodata Electronics Tbk	1,525	1,525
19. Bank Universal Tbk	275	300	2. Multipolar Corporation Tbk	125	150
20. Bank Umum Servitio	1,025	900	9.8. INVESTMENT COMPANY		
21. Ficerinvest Bank	900	850	1. Anwar Sierd	100	200
22. Bank Indovest Tbk	1,325	1,325	2. Astra Argo Lestari	2,700	3,450
23. Inter-Pacific Bank Tbk	1,550	1,250	3. Bakrie & Brothers Tbk	350	400
24. Lippo Bank Tbk	675	775	4. Bimantara Citra Tbk	575	800
25. Bank Mayapada	250	575	5. CP Prima	100	200
26. Bank Modern Tbk	175	225	6. Dharma Sakti Sejahtera	275	225
27. Bank NISP	850	750	7. Dharma Adhiduta Tbk	125	225
28. Bank PDPCI	1,325	800	8. Eterindo WahanaLama Tbk	625	650
29. Bank Pan Indonesia Tbk	450	600	9. Humpuss Intermoda Transportasi Tbk	725	650
30. Bank RAMA	1,650	1,650	10. Indomulti Inti Industri Tbk	3,850	3,850
31. Bank Tamara Tbk	800	650	11. Jakarta Sejahtera Property Tbk	625	800
32. Bank Unibank Tbk	300	375	12. Omeiraco Corporation	1,950	1,950
8.2. FINANCIAL INSTITUTION			8.9. OTHERS		
1. Bakrie Finance Corp	525	525	1. Baligraha Medikatama Tbk	575	500
2. BBL Dharma Finance Tbk	1,600	1,500			
3. BDNl Capital Corporation Tbk	650	500			
4. Maharani Intifinanco	150	175			
5. Bunas Finance Indonesia Tbk	200	200			
6. Cilpan Finance Indonesia Tbk	200	250			
7. Indocitra Finance	200	200			
8. Lippo Pacific Tbk	1,525	1,525			
9. Panin Overseas Finance	175	175			
10. Perdana Inti Investama	75	150			



# LAMPIRAN



Nama	PBV Jan'98	PRICE			PRICE Jan'99	R1	R6	R12
		Jan'98	Pebr'98	Juli'98				
Intraco Penta	0.2	150	275	150	150	0.833333	0	0
Panin Life	0.2	350	400	250	475	0.142857	-0.28571	0.357143
Asuransi Bintang Tbk	0.19	300	350	350	225	0.166667	0.166667	-0.25
Bank Surya	0.19	175	225	300	300	0.285714	0.714286	0.714286
Jaya Real Property	0.19	250	475	225	225	0.9	-0.1	-0.1
Sekar Bumi Tbk	0.19	200	275	175	100	0.375	-0.125	-0.5
Surya Semesta Internusa Tbk	0.19	150	300	150	125	1	0	-0.18667
Jembo Cable Company Tbk	0.18	125	350	250	175	1.8	1	0.4
Trias Sentosa	0.18	150	250	15	125	0.666667	-0.9	-0.16667
Bayu Buana	0.17	100	175	125	100	0.75	0.25	0
Centex	0.17	850	1150	2800	3100	0.352941	2.294118	2.647059
Indo Citra Finance	0.16	200	200	250	150	0	0.25	-0.25
JAPFA	0.16	250	375	125	125	0.5	-0.5	-0.5
Kabelindo Murni	0.16	225	300	175	125	0.333333	-0.22222	-0.44444
Suba Indah	0.16	425	425	375	325	0	-0.11765	-0.23529
Citatah Industri Marmer	0.15	225	775	750	375	2.444444	2.333333	0.666667
Bank Tiara Asia	0.14	225	300	100	125	0.333333	-0.55556	-0.44444
Perdana Inti Investama Tbk	0.14	75	150	75	50	1	0	-0.33333
Sierad Produce Tbk	0.14	100	125	50	75	0.25	-0.5	-0.25
Tembaga Mulia Semarang	0.14	525	650	700	700	0.238095	0.333333	0.333333
United Tractors	0.13	425	1450	575	500	2.411765	0.352941	0.176471
Ciputra Development Tbk	0.12	200	325	175	150	0.625	-0.125	-0.25
Duta Anggada Realty	0.12	100	175	125	125	0.75	0.25	0.25
Asuransi Harta Aman Pratama	0.11	350	400	575	400	0.142857	0.642857	0.142857
Anwar Sierad	0.1	100	200	100	100	1	0	0
Bukaka Teknik Utama	0.1	200	350	100	125	0.75	-0.5	-0.375
Steady Safe	0.08	75	175	250	125	1.333333	2.333333	0.666667
Nipress	0.06	125	225	300	550	0.8	1.4	3.4
					TOTAL	20.18534	8.389729	5.488632
					RATA-2	0.720905	0.299633	0.196023

Nama	PBV Pebr'98	PRICE Pebr'98	PRICE Mar'98	PRICE Agt'98	PRICE Pebr'99	R1	R6	R12
Bayu Buana	0.29	175	225	75	100	0.285714	-0.57143	-0.42857
APAC Centertex Corporation Tbk	0.28	300	375	250	250	0.25	-0.16667	-0.16667
Panin Overseas Finance	0.28	175	275	100	125	0.571429	-0.42857	-0.28571
Perdana Inti Investama Tbk	0.28	150	200	50	50	0.333333	-0.66667	-0.66667
Sekar Bumi Tbk	0.27	275	375	175	150	0.363636	-0.36364	-0.45455
Surabaya Agung.Industry Pulp	0.26	350	400	275	275	0.142857	-0.21429	-0.21429
Bunas Finance Indonesia Tbk	0.25	200	250	50	50	0.25	-0.75	-0.75
Panasia Indosyntec	0.25	200	275	225	125	0.375	0.125	-0.375
Bank Surya	0.24	225	275	300	300	0.222222	0.333333	0.333333
Fajar Surya Wisesa	0.24	350	450	250	400	0.285714	-0.28571	0.142857
Centex	0.23	1150	1150	2300	3300	0	1	1.869565
Cipendawa Farm Enterprises	0.23	350	350	125	150	0	-0.64286	-0.57143
JAPFA	0.23	375	525	75	100	0.4	-0.8	-0.733333
Asuransi Bintang Tbk	0.22	350	425	250	275	0.214286	-0.28571	-0.21429
Kabelindo Murni	0.22	300	350	75	100	0.166667	-0.75	-0.66667
Panin Life	0.22	400	625	300	1000	0.5625	-0.25	1.5
Sierad Produce Tbk	0.22	125	175	25	50	0.4	-0.8	-0.6
Duta Anggada Realty	0.21	175	325	100	100	0.857143	-0.42857	-0.42857
Multibreeder Adirama Indonesia	0.2	250	275	50	75	0.1	-0.8	-0.7
Bank Tiara Asia	0.19	300	300	125	125	0	-0.58333	-0.58333
Ciputra Development Tbk	0.19	325	450	125	125	0.384615	-0.61538	-0.61538
Steady Safe	0.19	175	350	100	75	1	-0.42857	-0.57143
Tembaga Mulia Semanan	0.18	650	900	700	900	0.384615	0.076923	0.384615
Bukaka Teknik Utama	0.17	350	525	50	100	0.5	-0.85714	-0.71429
Indo Citra Finance	0.16	200	250	125	175	0.25	-0.375	-0.125
Suba Indah	0.16	425	450	350	350	0.058824	-0.17647	-0.17647
Asuransi Harta Aman Pratama	0.13	400	500	400	400	0.25	0	0
Nipress	0.11	225	400	150	650	0.777778	-0.33333	1.88889
TOTAL						9.366934	-10.0381	-3.92238
RATA-2						0.335226	-0.3585	-0.14008

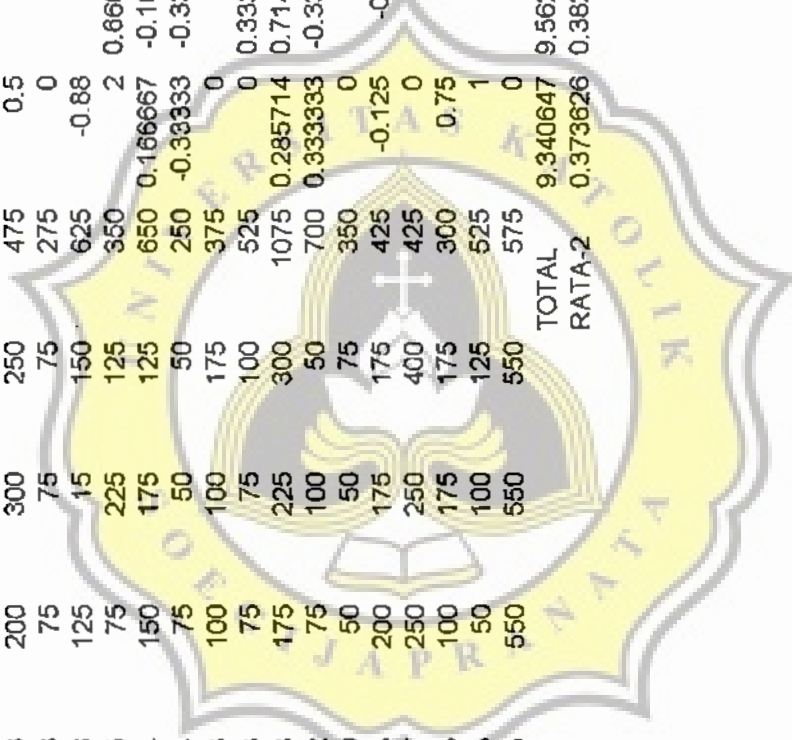
Nama	PBV	PRICE		PRICE	R1	R6	R12
		Mar'98	Apr'98				
Bank Papan Sejahtera	0.35	400	375	100	-0.0625	-0.75	-0.75
Panin Life	0.35	625	400	225	-0.36	-0.64	0.36
Putra Surya Multidana Tbk	0.35	325	200	25	-0.38462	-0.92308	-0.92308
Multipolar	0.34	175	150	75	-0.14286	-0.57143	-0.57143
Panasia Indosyntec	0.34	275	225	175	-0.18182	-0.36364	-0.45455
JAPFA	0.33	525	375	100	-0.28571	-0.80952	-0.90476
Lippo General Insurance Tbk	0.33	450	675	225	0.5	-0.5	-0.22222
Bunias Finance Indonesia Tbk	0.32	250	150	25	-0.4	-0.9	-0.8
Clipan Finance Indonesia	0.32	350	325	75	-0.07143	-0.78571	-0.57143
Fajar Surya Wisesa	0.31	450	475	425	0.05556	-0.05556	-0.38889
Sierad Produce Tbk	0.31	175	150	50	-0.14286	-0.71429	-0.71429
Surabaya Agung Industry Pulp	0.3	400	350	275	-0.125	-0.3125	-0.3125
Trafindo Perkasa	0.28	600	600	550	0	-0.08333	-0.33333
Ciputra Development Tbk	0.27	450	350	100	-0.22222	-0.77778	-0.77778
Asuransi Bintang Tbk	0.26	425	325	175	-0.23529	-0.58824	-0.41176
Berlina	0.26	650	875	250	0.346154	-0.61538	-0.61538
Bukaka Teknik Utama	0.25	525	325	75	-0.38095	-0.85714	-0.90476
Kabelindo Murni	0.25	350	250	125	-0.28571	-0.64286	-0.85714
Bank PDFCI	0.24	500	175	175	-0.65	-0.65	-0.9
Cipendawa Farm Enterprises	0.23	350	400	125	0.142857	-0.64286	-0.57143
Centex	0.22	1150	1750	2925	0.521739	1.543478	2.043478
Multibreeder Adirama Indonesia	0.22	275	250	50	-0.09091	-0.81818	-0.90909
Tembaga Mulia Semanan	0.22	900	800	700	-0.11111	-0.22222	-0.44444
Indo Citra Finance	0.2	250	400	100	0.6	-0.6	-0.7
Nipress	0.2	400	525	150	0.3125	-0.625	0.3125
Bank Tiara Asia	0.19	300	150	125	-0.5	-0.58333	-0.75
Suba Indah	0.17	450	525	325	0.166667	-0.27778	-0.33333
Asuransi Harta Aman Pratama	0.16	500	500	400	0	-0.2	-0.2
TOTAL					-1.98752	-13.9663	-12.6056
RATA-2					-0.07098	-0.4988	-0.4502

Nama	PBV Apr'98	PRICE Apr'98	PRICE Mei'98	PRICE Okt'98	PRICE Apr'99	R1	R6	R12
Indo Citra Finance	0.31	400	250	100	50	-0.375	-0.75	-0.875
Lippo Land Development	0.31	400	275	275	275	-0.3125	-0.3125	-0.3125
Clipan Finance Indonesia	0.3	325	275	100	200	-0.15385	-0.69231	-0.38462
Hotel Sahid Jaya	0.3	325	350	175	225	0.076923	-0.46154	-0.30769
Kawasan Industri Jababeka	0.3	600	400	175	225	-0.33333	-0.70833	-0.625
Dharmala Sakti Sejahtera	0.28	200	175	50	50	-0.125	-0.75	-0.75
Panasia Indosyntec	0.28	225	175	150	200	-0.22222	-0.33333	-0.11111
Sierad Produce Tbk	0.27	150	100	50	50	-0.33333	-0.66667	-0.66667
Nipress	0.26	525	425	275	500	-0.19048	-0.47619	-0.04762
Surabaya Agung Industry Pulp	0.26	350	350	325	300	0	-0.07143	-0.14286
Bayu Buana	0.25	150	150	75	100	0	-0.5	-0.33333
GT Petrochem Industries Tbk	0.25	150	125	75	225	-0.16667	-0.5	0.5
Ciputra Development Tbk	0.24	350	200	100	150	-0.42857	-0.71429	-0.57143
JAPFA	0.23	375	350	100	100	-0.08667	-0.73333	-0.73333
Panin Life	0.22	400	425	225	600	0.0625	-0.4375	0.5
Putra Surya Multidana Tbk	0.22	200	150	25	25	-0.25	-0.875	-0.875
Bank Danamon	0.21	200	125	175	175	-0.375	-0.125	-0.125
Kabelindo Murni	0.2	250	200	75	75	-0.2	-0.7	-0.7
Multibreeder Adirama Indonesia	0.2	250	275	50	50	-0.1	-0.8	-0.8
Suba Indah	0.2	525	400	300	325	-0.2381	-0.42857	-0.38095
Bunas Finance Indonesia Tbk	0.19	150	100	50	50	-0.33333	-0.66667	-0.66667
Ficorinvest Bank	0.19	200	150	75	50	-0.25	-0.625	-0.75
Tembaga Mulia Semanan	0.19	800	700	700	675	-0.125	-0.125	-0.15625
Hanson Industri Utama Tbk	0.17	575	600	6000	125	0.043478	9.434783	-0.78261
Asuransi Harta Aman Pratama	0.16	500	500	400	425	0	-0.2	-0.15
Bukaka Teknik Utama	0.16	325	225	100	100	-0.30769	-0.69231	-0.69231
Suparma	0.16	200	125	75	125	-0.375	-0.625	-0.375
Bank Tiara Asia	0.09	150	75	125	125	-0.5	-0.16667	-0.16667
TOTAL						-5.37884	-4.70185	-11.4816
RATA-2						-0.1921	-0.16792	-0.41006

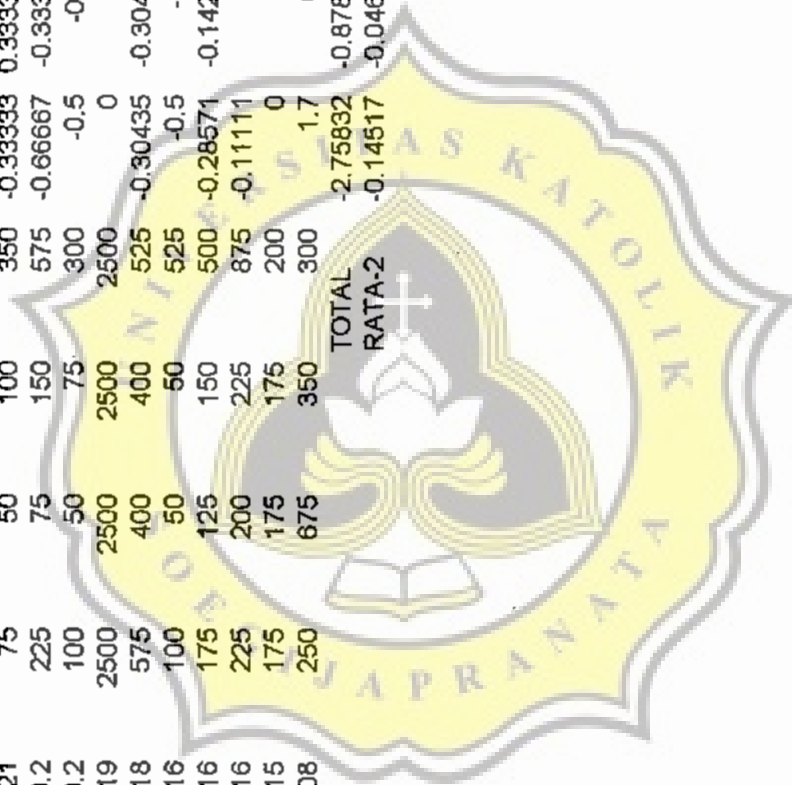


Nama	PBV Mei'98	PRICE Mei'98	PRICE Juni'98	PRICE Nop'98	PRICE Mei'99	R1	R6	R12
Tamara Bank	0.25	425	525	200	125	0.235294	-0.52941	-0.70588
Duta Anggada Realty	0.24	200	100	200	200	-0.5	0	0
Gajah Tunggal Tbk	0.24	150	100	250	475	-0.33333	0.666667	2.166667
Lippo Land Development	0.24	275	400	325	625	0.454545	0.181818	1.272727
Surya Hidup Satwa	0.24	175	75	300	300	-0.57143	0.714286	0.714286
Tembaga Mulia Semanan	0.24	700	700	700	1000	0	0	0.428571
Asuransi Bintang Tbk	0.23	225	300	225	550	0.333333	0	1.444444
Bakrie & Brothers	0.23	225	250	200	325	0.111111	-0.11111	0.444444
Charoen Pokphand Indonesia	0.23	275	250	225	800	-0.09091	-0.18182	1.909091
Multipolar	0.23	100	100	125	200	0	0.25	1
Panin Life	0.23	425	300	225	700	-0.29412	-0.47059	0.647059
GT Kabel Indonesia Tbk	0.22	125	75	125	225	-0.4	0	0.8
GT Petrochem Industries Tbk	0.21	125	75	175	350	-0.4	0.4	1.8
Kawasan Industri Jababeka	0.2	400	275	275	450	-0.3125	-0.3125	0.125
Trias Sentosa	0.2	150	125	150	350	-0.16667	0	1.333333
Sierad Produce Tbk	0.18	100	50	75	175	-0.5	-0.25	0.75
Hanson Industri Utama Tbk	0.17	600	250	675	175	-0.58333	0.125	-0.70833
Asuransi Harta Aman Pratama	0.16	500	575	400	425	0.15	-0.2	-0.15
Kabelindo Murni	0.16	200	175	125	350	-0.125	-0.375	0.75
Putra Surya Multifidana Tbk	0.16	150	75	50	150	-0.5	-0.66687	0
United Tractors	0.16	600	450	500	1275	-0.25	-0.16667	1.125
Bunas Finance Indonesia Tbk	0.15	100	75	75	200	-0.25	-0.25	1
Ciputra Development Tbk	0.14	200	150	225	350	-0.25	0.125	0.75
Bank Danamon	0.13	125	100	175	350	-0.2	0.4	1.8
Bukaka Teknik Utama	0.11	225	125	125	350	-0.44444	-0.44444	0.555556
Suparma	0.1	125	100	125	375	-0.2	0	2
Bank PDFCI	0.05	100	100	175	200	0	0.75	1
Bank Tiara Asia	0.05	75	50	125	625	-0.38333	0.666667	7.333333
<b>TOTAL</b>						<b>-5.42078</b>	<b>0.32123</b>	<b>29.5853</b>
<b>RATA-2</b>						<b>-0.1936</b>	<b>0.011473</b>	<b>1.056618</b>

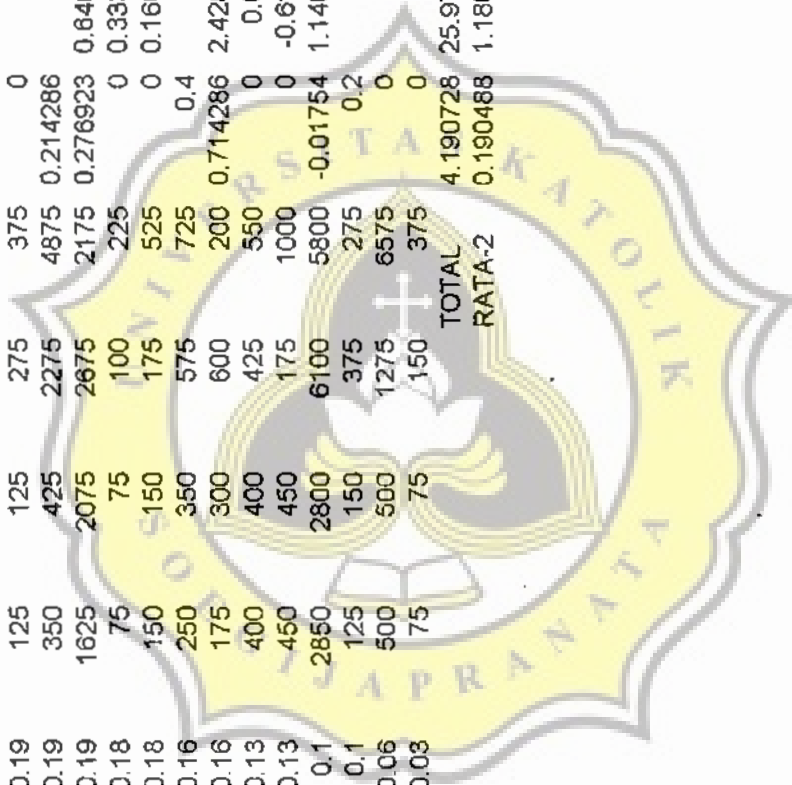
Nama	PBV Juni'98	PRICE Juni'98	PRICE Juli'98	PRICE Des'98	PRICE Juni'99	R1	R6	R12
Centex	0.2	1350	2800	3125	5600	1.074074	1.314815	3.148148
Kawasan Industri Jababeka	0.2	275	375	225	675	0.363636	-0.18182	1.454545
Modernland Realty Ltd.	0.2	100	100	100	350	0	0	2.5
Bayer Indonesia	0.19	2500	2500	2500	2500	0	0	0
Asuransi Hajta Aman Pratama	0.18	575	575	400	525	0	-0.30435	-0.08696
Ekadharna Tape Ind	0.18	450	1600	1250	2600	2.555556	1.777778	4.777778
Hotel Sahid Jaya	0.18	200	250	250	475	0.25	0.25	1.375
Barito Pacific Timber	0.17	250	600	350	750	1.4	0.4	2
GT Petrochem Industries Tbk	0.17	75	75	150	900	0	1	11
Bank Niaga Tbk	0.16	200	300	250	475	0.5	0.25	1.375
Putra Surya Perkasa	0.16	75	75	75	275	0	0	2.666667
Trias Sentosa	0.16	125	15	150	625	-0.88	0.2	4
Bakrieland Development Tbk	0.15	75	225	125	350	2	0.666667	3.666667
Ciputra Development Tbk	0.14	150	175	125	650	0.166667	-0.16667	3.333333
Putra Surya Multidana Tbk	0.14	75	50	50	250	-0.33333	-0.33333	2.333333
Bank Danamon	0.13	100	100	175	375	0	0.75	2.75
GT Kabel Indonesia Tbk	0.13	75	75	100	525	0	0.333333	6
Jaya Real Property	0.13	175	225	300	1075	0.285714	0.714286	5.142857
Bunas Finance Indonesia Tbk	0.12	75	100	50	700	0.333333	-0.33333	8.333333
Sierad Produce Tbk	0.09	50	50	75	350	0	0.5	6
BDNI Capital Corporation Tbk	0.08	200	175	175	425	-0.125	-0.125	1.125
Hanson Industri Utama Tbk	0.07	250	250	400	425	0	0.6	0.7
Bank PDFCI	0.05	100	175	175	300	0.75	0.75	2
Bank Tiara Asia	0.05	50	100	125	525	1	1.5	9.5
Trafindo Perkasa	0.05	550	550	550	575	0	0	0.045455
TOTAL						9.340647	9.562379	85.14016
RATA-2						0.373626	0.382495	3.405606



Nama	PBV Juli'98	PRICE Juli'98	PRICE Agt'98	PRICE Jan'99	PRICE Juli'99	R1	R6	R12
Humpuss Intermoda Transportasi	0.28	350	325	300	500	-0.07143	-0.14286	0.428571
Panin Life	0.27	250	300	475	625	0.2	0.9	1.5
Bakrie & Brothers	0.24	250	125	250	375	-0.5	0	0.5
Bank Niaga Tbk	0.24	300	225	225	150	-0.25	-0.25	-0.5
Berlina	0.24	550	275	250	1150	-0.5	-0.54545	1.090909
Pool Asuransi Indonesia	0.24	500	525	450	175	0.05	-0.1	-0.65
Hotel Sahid Jaya	0.23	250	200	250	425	-0.2	0	0.7
Panin Overseas Finance	0.23	125	100	150	250	-0.2	0.2	1
Duta Pertiwi	0.22	175	125	150	700	-0.28571	-0.14286	3
Multipolar	0.21	75	50	100	350	-0.33333	0.333333	3.666667
Clipan Finance Indonesia	0.2	225	75	150	575	-0.66667	-0.33333	1.555556
Modernland Realty Ltd.	0.2	100	50	75	300	-0.5	-0.25	2
Bayer Indonesia	0.19	2500	2500	2500	2500	0	0	0
Asuransi Harta Aman Pratama	0.18	575	400	400	525	-0.30435	-0.30435	-0.08696
Bunas Finance Indonesia Tbk	0.16	100	50	50	525	-0.5	-0.5	4.25
Ciputra Development Tbk	0.16	175	125	150	500	-0.28571	-0.14286	1.857143
Jaya Real Property	0.16	225	200	225	875	-0.11111	0	2.888889
Bank PDFCI	0.15	175	175	175	200	0	0	0.142857
Hanson Industri Utama Tbk	0.08	250	675	350	300	1.7	0.4	0.2
					TOTAL	-2.75832	-0.87837	23.54364
					RATA-2	-0.14517	-0.04623	1.239139



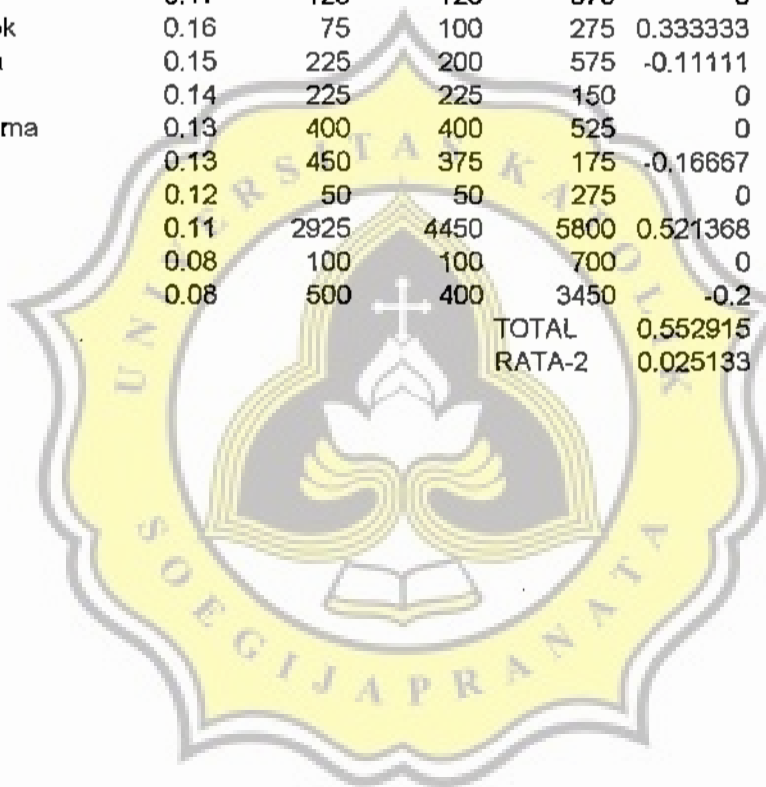
Nama	PBV Nop'98	PRICE Nop'98	PRICE Des'98	PRICE Mei'99	PRICE Nop'99	R1	R6	R12
Barito Pacific Timber	0.22	350	350	675	625	0	0.928571	0.785714
Jaya Real Property	0.22	300	300	875	950	0	1.916667	2.166667
Argha Kanya Prima Industry	0.21	150	175	300	900	0.166667	1	5
Bakrie & Brothers	0.21	200	225	325	300	0.125	0.625	0.5
Bayer Indonesia	0.2	2500	2500	2000	8000	0	-0.2	2.2
Clipan Finance Indonesia	0.2	100	225	250	450	1.25	1.5	3.5
Bank Niaga Tbk	0.19	300	250	375	150	-0.166667	0.25	-0.5
Hotel Sahid Jaya	0.19	200	250	425	400	0.25	1.125	1
Panin Life	0.19	225	400	700	450	0.777778	2.111111	1
Surya Semesta Internusa Tbk	0.19	125	125	275	375	0	1.2	2
Tempo Scan Pasific	0.19	350	425	2275	4875	0.214286	5.5	12.92857
Tjiwi Kimia	0.19	1625	2075	2675	2175	0.276923	0.646154	0.338462
Bhuwanataja Indah Permai	0.18	75	75	100	225	0	0.333333	2
Indo Citra Finance	0.18	150	150	175	525	0	0.166667	2.5
Humpuss Intermoda Transportasi Igarjaya	0.16	250	350	575	725	0.4	1.3	1.9
Asuransi Harta Aman Pratama	0.16	175	300	600	200	0.714286	2.428571	0.142857
Pool Asuransi Indonesia	0.13	400	400	425	550	0	0.0625	0.375
INCO	0.13	450	450	175	1000	0	-0.611111	1.222222
Suparma	0.1	2850	2800	6100	5800	-0.01754	1.140351	1.035088
United Tractors	0.06	125	150	375	275	0.2	2	1.2
Pakuwon Jati	0.03	500	500	1275	6575	0	1.55	12.15
		75	75	150	375	0	1	4
					TOTAL	4.190728	25.97281	57.44458
					RATA-2	0.190488	1.180582	2.611117



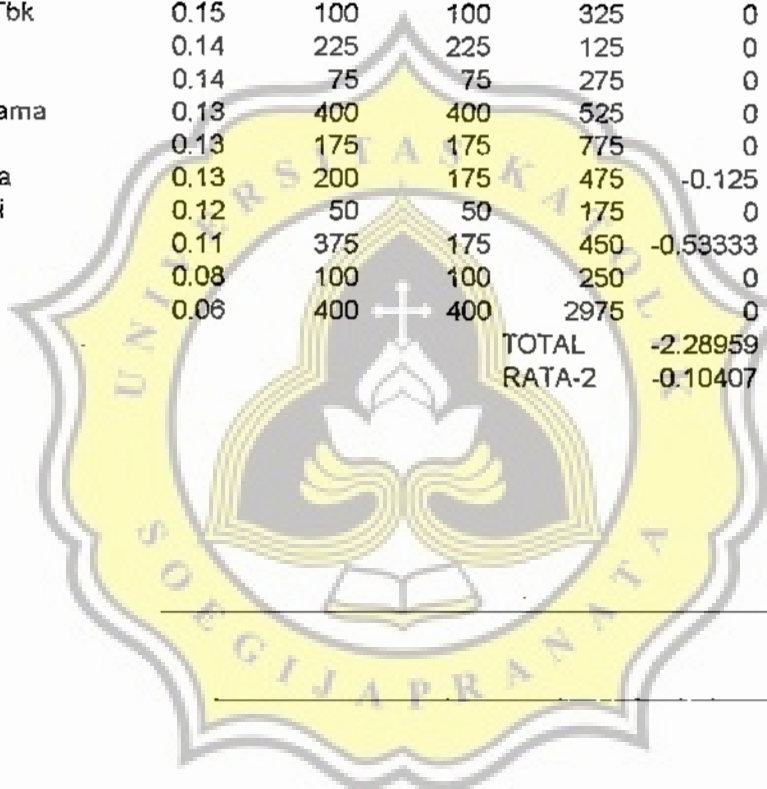
Nama	PBV Des'98	PRICE Des'98	PRICE Jan'99	PRICE Juni'99	PRICE Des'99	R1	R6	R12
Bakrie & Brothers	0.24	225	250	525	300	0.111111	1.333333	0.333333
Tjwi Kimia	0.24	2075	1850	2650	2275	-0.10843	0.277108	0.096386
Duta Pertiwi	0.23	175	150	775	775	-0.14286	3.428571	3.428571
Hotel Sahid Jaya	0.23	250	250	475	425	0	0.9	0.7
Lippo General Insurance Tbk	0.23	375	375	775	1200	0	1.066667	2.2
Mas Murni Indonesia	0.23	100	100	375	175	0	2.75	0.75
Tempo Scan Pasific	0.23	425	400	2875	5900	-0.05882	5.764706	12.88235
Humpuss Intermoda Transportasi	0.22	350	300	875	825	-0.14286	1.5	1.357143
Jaya Real Property	0.22	300	225	1075	1025	-0.25	2.583333	2.416667
Trias Sentosa	0.2	150	125	625	850	-0.16667	3.166667	4.666667
Multipolar	0.19	100	100	325	1225	0	2.25	11.25
Surya Semesta Internusa Tbk	0.19	125	125	500	425	0	3	2.4
Bhuanatala Indah Permai	0.18	75	50	350	275	-0.33333	3.666667	2.666667
Indo Citra Finance	0.18	150	150	500	525	0	2.333333	2.5
Bank Niaga Tbk	0.16	250	225	475	175	-0.1	0.9	-0.3
Kawasan Industri Jababeka	0.15	225	225	675	575	0	2	1.555556
Asuransi Harta Aman Pratama	0.13	400	400	525	2500	0	0.3125	5.25
Pool Asuransi Indonesia	0.13	450	450	175	1500	0	-0.61111	2.333333
Suparma	0.12	150	100	675	300	-0.33333	3.5	1
INCO	0.1	2800	2925	6450	6300	0.044643	1.303571	1.25
United Tractors	0.08	500	500	3000	6900	0	5	12.8
Pakuwon Jati	0.03	75	75	450	425	0	5	4.666667
				TOTAL		-1.48055	51.42535	76.20334
				RATA-2		-0.0673	2.337516	3.463788



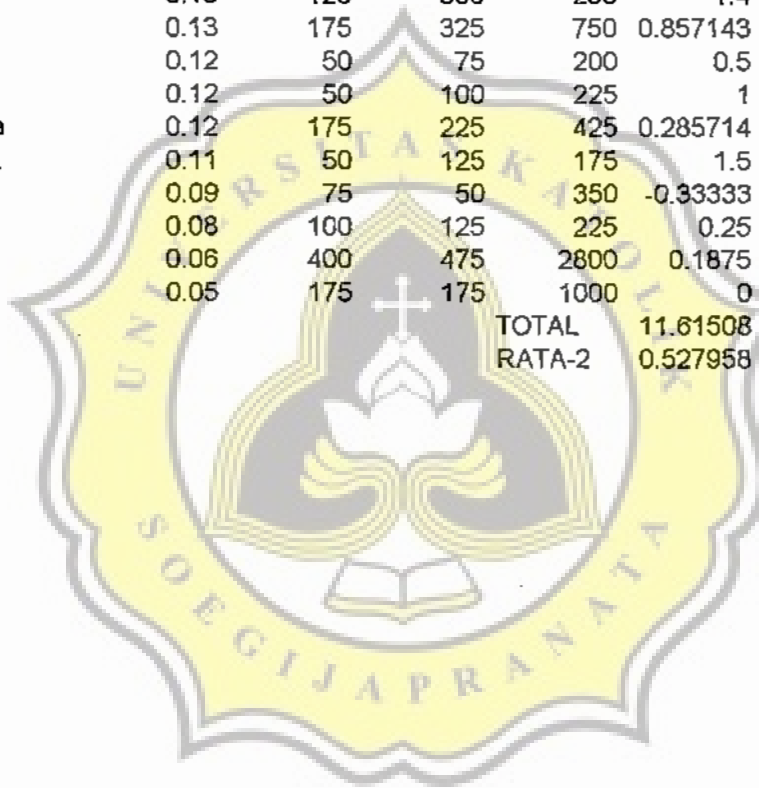
Nama	PBV Jan'99	PRICE Jan'99	PRICE Pebr'99	PRICE Juli'99	R1	R6
Tempo Scan Pasific	0.22	400	425	4350	0.0625	9.875
Indovest Bank Tbk	0.21	75	100	75	0.333333	0
Mas Murni Indonesia	0.21	100	75	250	-0.25	1.5
Surabaya Agung Industry Pulp	0.21	300	275	700	-0.08333	1.333333
Duta Pertiwi	0.2	150	125	700	-0.16667	3.666667
Humpuss Intermoda Transportasi	0.19	300	300	500	0	0.666667
Multipolar	0.19	100	75	350	-0.25	2.5
Pudjadi & Sons	0.19	200	300	1250	0.5	5.25
Surya Semesta Internusa Tbk	0.19	125	100	400	-0.2	2.2
Tembaga Mulia Semanan	0.19	700	900	1700	0.285714	1.428571
Indo Citra Finance	0.18	150	175	425	0.166667	1.833333
Jaya Real Property	0.17	225	175	875	-0.22222	2.888889
Trias Sentosa	0.17	125	125	675	0	4.4
Bakrieland Development Tbk	0.16	75	100	275	0.333333	2.666667
Kawasan Industri Jababeka	0.15	225	200	575	-0.11111	1.555556
Bank Niaga Tbk	0.14	225	225	150	0	-0.33333
Asuransi Harta Aman Pratama	0.13	400	400	525	0	0.3125
Pool Asuransi Indonesia	0.13	450	375	175	-0.16667	-0.61111
Bhuwanatala Indah Permai	0.12	50	50	275	0	4.5
INCO	0.11	2925	4450	5800	0.521368	0.982906
Suparma	0.08	100	100	700	0	6
United Tractors	0.08	500	400	3450	-0.2	5.9
				TOTAL	0.552915	58.51564
				RATA-2	0.025133	2.659802



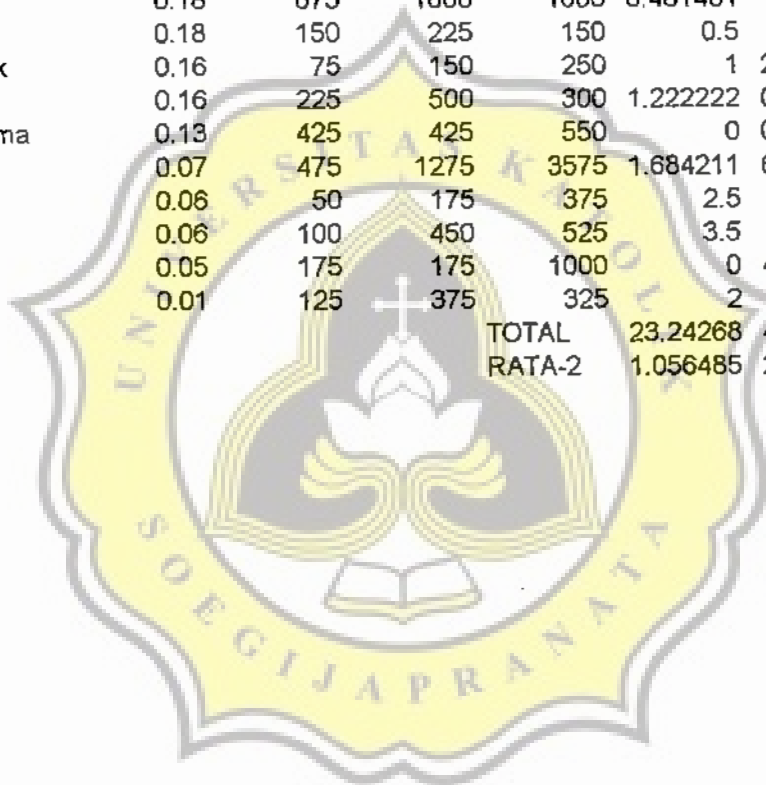
Nama	PBV Pebr'99	PRICE <sup>1</sup> Pebr'99	PRICE Mar'99	PRICE Agt'99	R1	R6
Hotel Sahid Jaya	0.21	225	200	300	-0.11111	0.333333
Indo Citra Finance	0.21	175	75	425	-0.57143	1.428571
Indorama Syntetics	0.2	975	1025	1300	0.051282	0.333333
Dharmala Intiland	0.19	75	50	200	-0.33333	1.666667
Humpuss Intermoda Transportasi	0.19	300	225	475	-0.25	0.583333
Igarjaya	0.19	200	150	125	-0.25	-0.375
Surabaya Agung Industry Pulp	0.19	275	275	550	0	1
Ciputra Development Tbk	0.18	125	100	450	-0.2	2.6
Trias Sentosa	0.17	125	125	575	0	3.6
Bakrie & Brothers	0.16	150	125	250	-0.16667	0.666667
Duta Pertiwi	0.16	125	150	700	0.2	4.6
Mas Murni Indonesia	0.16	75	75	150	0	1
Surya Semesta Internusa Tbk	0.15	100	100	325	0	2.25
Bank Niaga Tbk	0.14	225	225	125	0	-0.44444
Multipolar	0.14	75	75	275	0	2.666667
Asuransi Harta Aman Pratama	0.13	400	400	525	0	0.3125
Jaya Real Property	0.13	175	175	775	0	3.428571
Kawasan Industri Jababeka	0.13	200	175	475	-0.125	1.375
Bhuwanatala Indah Permai	0.12	50	50	175	0	2.5
Pool Asuransi Indonesia	0.11	375	175	450	-0.53333	0.2
Suparma	0.08	100	100	250	0	1.5
United Tractors	0.06	400	400	2975	0	6.4375
				TOTAL	-2.28959	37.6627
				RATA-2	-0.10407	1.711941



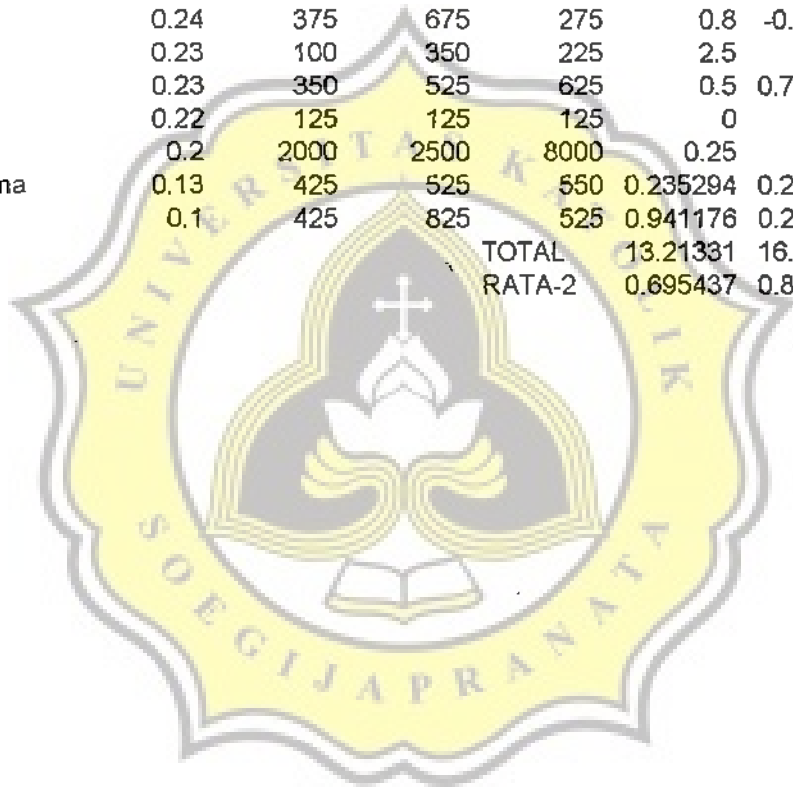
Nama	PBV Mar'99	PRICE Mar'99	PRICE Apr'99	PRICE Sept'99	R1	R6
Bakrieland Development Tbk	0.16	75	75	175	0	1.333333
Mas Murni Indonesia	0.16	75	100	175	0.333333	1.333333
Suryamas Dutamakmur	0.16	75	150	275	1	2.666667
Argha Karya Prima Industry	0.15	100	175	350	0.75	2.5
Surya Semesta Internusa Tbk	0.15	100	125	400	0.25	3
Bank Niaga Tbk	0.14	225	300	125	0.333333	-0.44444
Ciputra Development Tbk	0.14	100	150	425	0.5	3.25
Humpuss Intermoda Transportasi	0.14	225	425	425	0.888889	0.888889
Igarjaya	0.14	150	275	150	0.833333	0
Multipolar	0.14	75	125	275	0.666667	2.666667
Tembaga Mulia Semanan	0.14	500	675	1700	0.35	2.4
Asuransi Harta Aman Pratama	0.13	400	425	550	0.0625	0.375
Bakrie & Brothers	0.13	125	300	250	1.4	1
Jaya Real Property	0.13	175	325	750	0.857143	3.285714
Bhuwanatala Indah Permai	0.12	50	75	200	0.5	3
Dharmala Intiland	0.12	50	100	225	1	3.5
Kawasan Industri Jababeka	0.12	175	225	425	0.285714	1.428571
Hanson Industri Utama Tbk	0.11	50	125	175	1.5	2.5
Indo Citra Finance	0.09	75	50	350	-0.333333	3.666667
Suparma	0.08	100	125	225	0.25	1.25
United Tractors	0.06	400	475	2800	0.1875	6
Pool Asuransi Indonesia	0.05	175	175	1000	0	4.714286
				TOTAL	11.61508	50.31468
				RATA-2	0.527958	2.287031



Nama	PBV Apr'99	PRICE Apr'99	PRICE Mei'99	PRICE Okt'99	R1	R6
Jaya Pari-Steel	0.23	150	300	325	1	1.166667
Lion Metal Works	0.22	175	400	575	1.285714	2.285714
Lippo General Insurance Tbk	0.22	350	625	825	0.785714	1.357143
Panasia Filament Inti Tbk	0.22	225	400	375	0.777778	0.666667
Tamara Bank	0.22	125	125	125	0	0
Ciputra Development Tbk	0.21	150	350	625	1.333333	3.166667
Hotel Sahid Jaya	0.21	225	425	350	0.888889	0.555556
Mas Murni Indonesia	0.21	100	225	200	1.25	1
Surabaya Agung Industry Pulp	0.21	300	450	525	0.5	0.75
Surya Semesta Internusa Tbk	0.19	125	275	450	1.2	2.6
Bhuwanatala Indah Permai	0.18	75	100	275	0.333333	2.666667
Kawasan Industri Jababeka	0.18	225	450	625	1	1.777778
Tembaga Mulia Semanan	0.18	675	1000	1600	0.481481	1.37037
Unibank Tbk	0.18	150	225	150	0.5	0
Bakrieland Development Tbk	0.16	75	150	250	1	2.333333
Itamaraya Gold Industry	0.16	225	500	300	1.222222	0.333333
Asuransi Harta Aman Pratama	0.13	425	425	550	0	0.294118
United Tractors	0.07	475	1275	3575	1.684211	6.526316
Indo Citra Finance	0.06	50	175	375	2.5	6.5
Mandiri Intifinance Tbk	0.06	100	450	525	3.5	4.25
Pool Asuransi Indonesia	0.05	175	175	1000	0	4.714286
Suparma	0.01	125	375	325	2	1.6
				TOTAL	23.24268	45.91461
				RATA-2	1.056485	2.087028

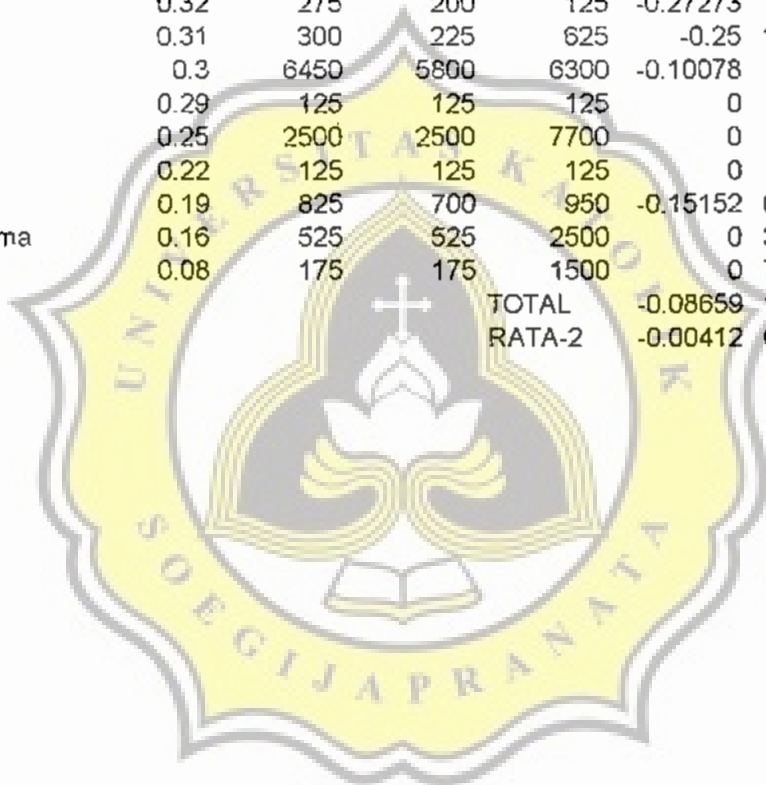


Nama	PBV Mei'99	PRICE Mei'99	PRICE Juni'99	PRICE Nop'99	R1	R6
Panasia Filament Inti Tbk	0.39	400	500	375	0.25	-0.0625
Hanson Industri Utama Tbk	0.38	175	425	225	1.428571	0.285714
Kawasan Industri Jababeka	0.36	450	675	525	0.5	0.166667
Lion Metal Works	0.32	400	600	850	0.5	1.125
Bakrieland Development Tbk	0.31	150	350	225	1.333333	0.5
Centris Multi Persada Pratama	0.31	600	700	1125	0.166667	0.875
Sepatu Bata	0.31	2000	3550	13000	0.775	5.5
Bank Palapa Tbk	0.29	125	125	125	0	0
Tembaga Mulia Semanan	0.29	1000	1900	2300	0.9	1.3
Fajar Surya Wisesa	0.28	800	975	600	0.21875	-0.25
INCO	0.28	6100	6450	5800	0.057377	-0.04918
Indo Citra Finance	0.24	175	500	525	1.857143	2
Suparma	0.24	375	675	275	0.8	-0.26667
Bhuwanatala Indah Permai	0.23	100	350	225	2.5	1.25
Kabelindo Murni	0.23	350	525	625	0.5	0.785714
Tamara Bank	0.22	125	125	125	0	0
Bayer Indonesia	0.2	2000	2500	8000	0.25	3
Asuransi Harta Aman Pratama	0.13	425	525	550	0.235294	0.294118
Inti Indorayon Utama	0.1	425	825	525	0.941176	0.235294
				TOTAL	13.21331	16.68916
				RATA-2	0.695437	0.878377



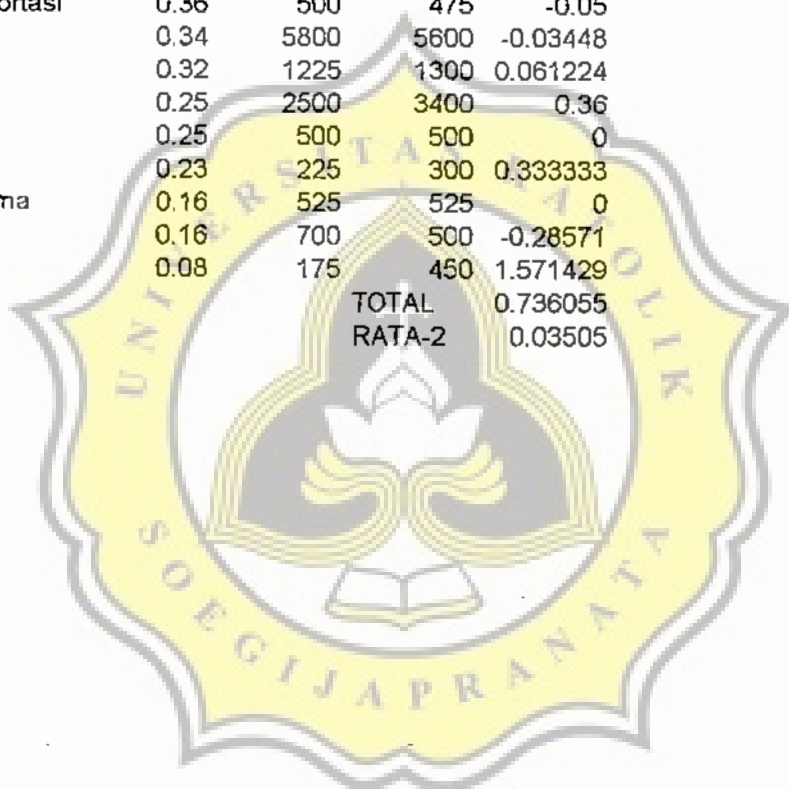


Nama	PBV Juni'99	PRICE Juni'99	PRICE Juli'99	PRICE Des'99	R1	R6
Sepatu Bata	0.55	3550	5100	13550	0.43662	2.816901
Asuransi Ramayana	0.52	700	675	1125	-0.03571	0.607143
Kawasan Industri Jababeka	0.52	675	575	575	-0.14815	-0.14815
Panasia Filament Inti Tbk	0.52	500	425	400	-0.15	-0.2
Tembaga Mulia Semanan	0.52	1900	1700	3250	-0.10526	0.710526
Tjiwi Kimia	0.5	2650	2325	2275	-0.12264	-0.14151
Centex	0.48	5600	10000	7500	0.785714	0.339286
Lion Metal Works	0.48	600	650	900	0.083333	0.5
Lippo General Insurance Tbk	0.47	775	725	1200	-0.06452	0.548387
Suparma	0.44	675	700	300	0.037037	-0.55556
Karwell Indonesia	0.39	925	800	800	-0.13514	-0.13514
Centris Multi Persada Pratama	0.37	700	775	1000	0.107143	0.428571
Unibank Tbk	0.32	275	200	125	-0.27273	-0.54545
Itamaraya Gold Industry	0.31	300	225	625	-0.25	1.083333
INCO	0.3	6450	5800	6300	-0.10078	-0.02326
Bank Palapa Tbk	0.29	125	125	125	0	0
Bayer Indonesia	0.25	2500	2500	7700	0	2.08
Tamara Bank	0.22	125	125	125	0	0
Inti Indorayon Utama	0.19	825	700	950	-0.15152	0.151515
Asuransi Harta Aman Pratama	0.16	525	525	2500	0	3.761905
Pool Asuransi Indonesia	0.08	175	175	1500	0	7.571429
				TOTAL	-0.08659	18.84994
				RATA-2	-0.00412	0.897616

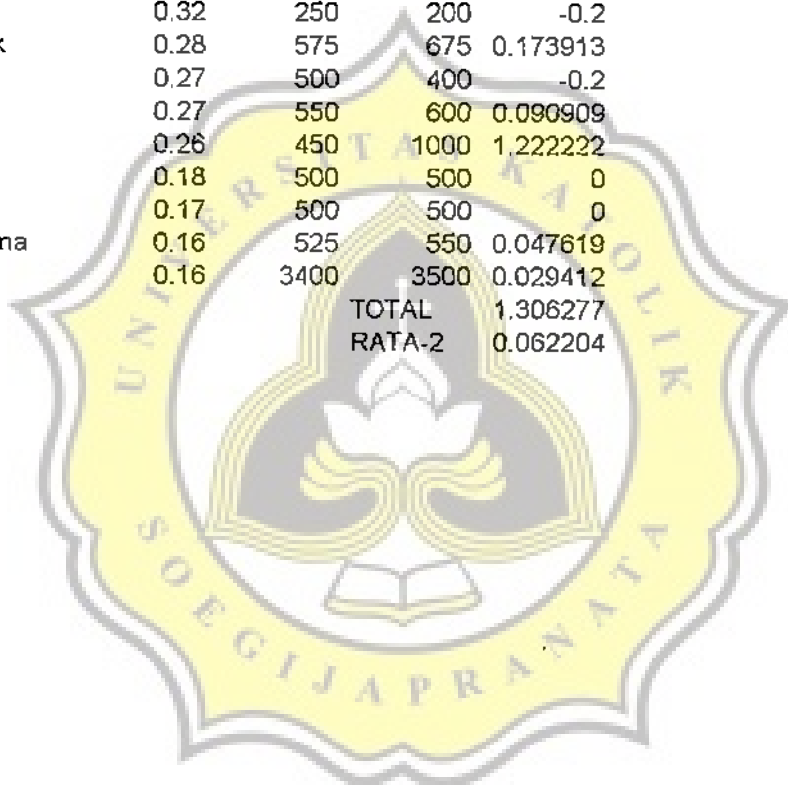


Nama	PBV Juli'99	PRICE Juli'99	PRICE Agt'99	R1
Indah Kiat Pulp & Paper	0.53	2400	2800	0.166667
Lion Metal Works	0.52	650	625	-0.03846
Tembaga Mulia Semanan	0.51	1700	1450	-0.14706
Asuransi Ramayana	0.5	675	725	0.074074
Indo Citra Finance	0.5	425	425	0
Kabelindo Murni	0.47	525	500	-0.04762
Suparna	0.46	700	250	-0.64286
Kawasan Industri Jababeka	0.44	575	475	-0.17391
Lippo General Insurance Tbk	0.44	725	575	-0.2069
Panasia Filament Inti Tbk	0.44	425	375	-0.11765
Tjiwi Kimia	0.44	2325	2200	-0.05376
Centris Multi Persada Pratama	0.41	775	750	-0.03226
Humpuss Intermoda Transportasi	0.36	500	475	-0.05
INCO	0.34	5800	5600	-0.03448
Indorama Syntetics	0.32	1225	1300	0.061224
Bayer Indonesia	0.25	2500	3400	0.36
Samudera Indonesia Tbk	0.25	500	500	0
Itamaraya Gold Industry	0.23	225	300	0.333333
Asuransi Harta Aman Pratama	0.16	525	525	0
Inti Indorayon Utama	0.16	700	500	-0.28571
Pool Asuransi Indonesia	0.08	175	450	1.571429

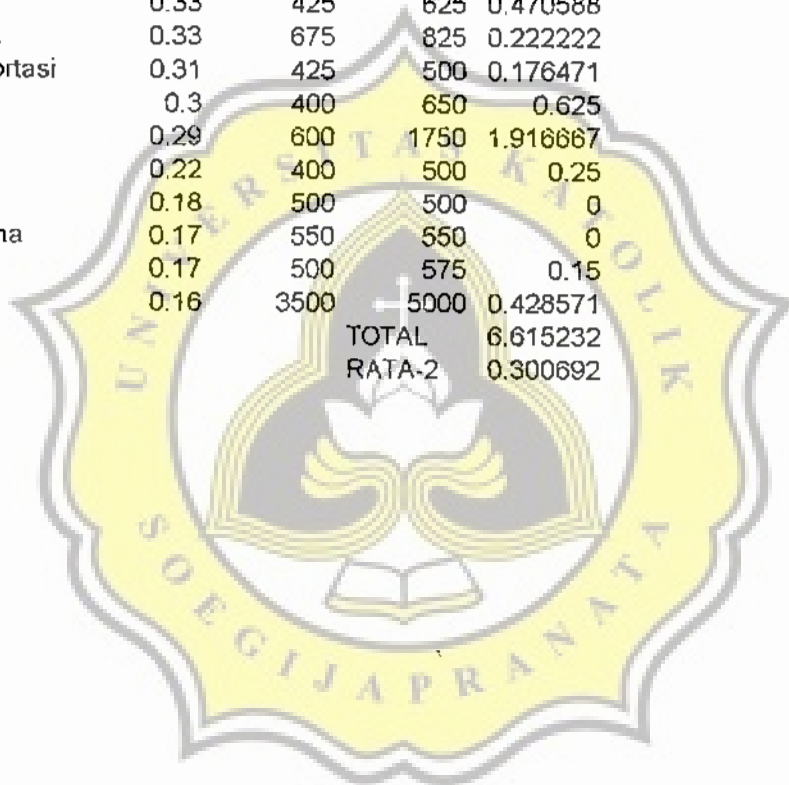
TOTAL 0.736055  
RATA-2 0.03505



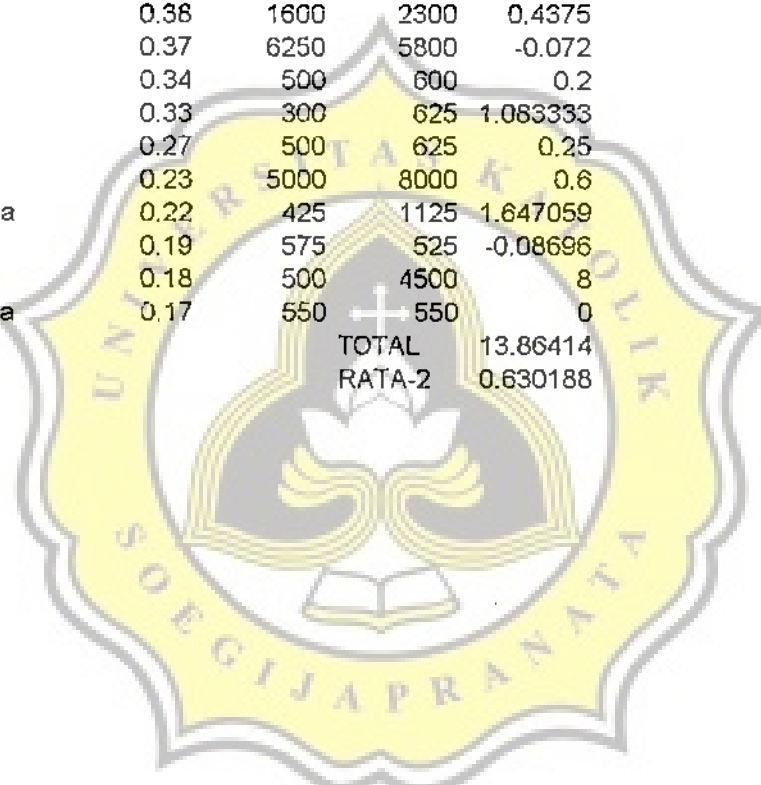
Nama	PBV Agt'99	PRICE Agt'99	PRICE Sept'99	R1
Tjiwi Kimia	0.42	2200	2025	-0.07955
Bumi Modern Tbk	0.41	150	150	0
Jaya Pari Steel	0.4	275	275	0
Centris Multi Persada Pratama	0.39	750	725	-0.03333
Bakrieland Development Tbk	0.37	150	175	0.166667
Kawasan Industri Jababeka	0.37	475	425	-0.10526
Humpuss Intermoda Transportasi	0.35	475	425	-0.10526
Tembaga Mulia Semanan	0.35	1450	1700	0.172414
Indorama Syntetics	0.34	1300	1400	0.076923
Jakarta Int l Hotel & Dev	0.34	450	400	-0.11111
INCO	0.33	5600	6500	0.160714
Itamaraya Gold Industry	0.33	300	300	0
Ciputra Surya Tbk	0.32	250	200	-0.2
Lippo General Insurance Tbk	0.28	575	675	0.173913
Kabelindo Murni	0.27	500	400	-0.2
Lippo Enterprises Tbk	0.27	550	600	0.090909
Pool Asuransi Indonesia	0.26	450	1000	1.222222
Samudera Indonesia Tbk	0.18	500	500	0
Inti Indorayon Utama	0.17	500	500	0
Asuransi Harta Aman Pratama	0.16	525	550	0.047619
Bayer Indonesia	0.16	3400	3500	0.029412
			TOTAL	1.306277
			RATA-2	0.062204



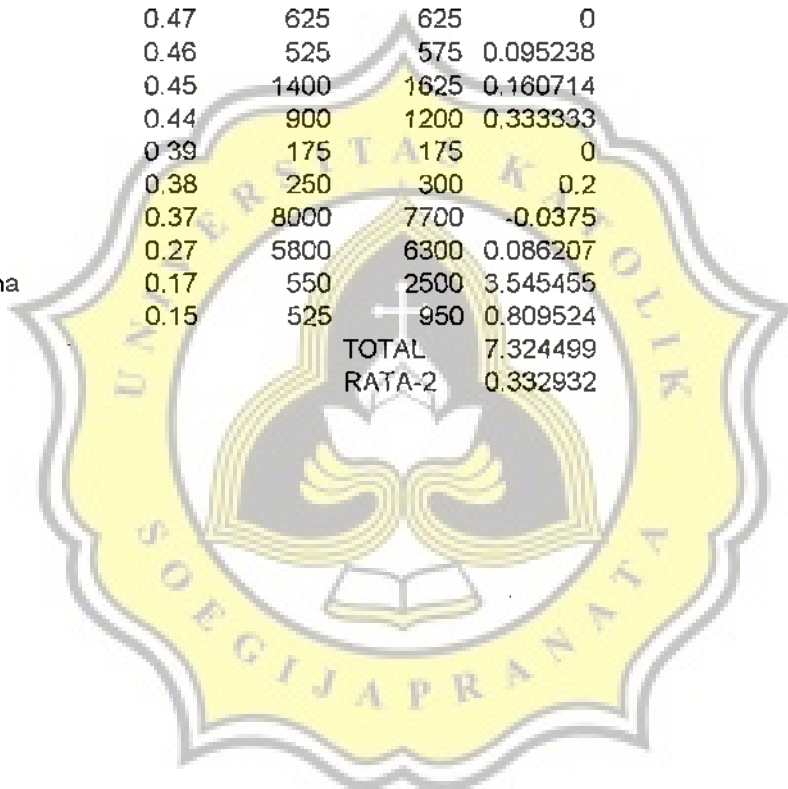
Nama	PBV Sept'99	PRICE Sept'99	PRICE Okt'99	R1
Bumi Modern Tbk	0.41	150	250	0.666667
Tembaga Mulia Semanan	0.41	1700	1600	-0.05882
Trias Sentosa	0.41	550	675	0.227273
Jaya Pari Steel	0.4	275	325	0.181818
Duta Anggada Realty	0.38	200	375	0.875
INCO	0.38	6500	6250	-0.03846
Suparma	0.38	225	325	0.444444
Tjiwi Kimia	0.38	2025	2275	0.123457
Centris Multi Persada Pratama	0.37	725	425	-0.41379
Panasia Filament Inti Tbk	0.37	325	375	0.153846
Indorama Syntelics	0.36	1400	1700	0.214286
Itamaraya Gold Industry	0.33	300	300	0
Kawasan Industri Jababeka	0.33	425	625	0.470588
Lippo General Insurance Tbk	0.33	675	825	0.222222
Humpuss Intermoda Transportasi	0.31	425	500	0.176471
Jakarta Int I Hotel & Dev	0.3	400	650	0.625
Lippo Enterprises Tbk	0.29	600	1750	1.916667
Kabelindo Murni	0.22	400	500	0.25
Samudera Indonesia Tbk	0.18	500	500	0
Asuransi Harta Aman Pratama	0.17	550	550	0
Inti Indorayon Utama	0.17	500	575	0.15
Bayer Indonesia	0.16	3500	5000	0.428571
			TOTAL	6.615232
			RATA-2	0.300692



Nama	PBV Okt'99	PRICE Okt'99	PRICE Nop'99	R1
Barito Pacific Timber	0.52	675	625	-0.07407
Indo Citra Finance	0.52	375	525	0.4
Asuransi Dayin Mitra Tbk	0.5	375	475	0.266667
Trias Sentosa	0.5	675	825	0.222222
Jakarta Int I Hotel & Dev	0.49	650	550	-0.15385
Kawasan Industri Jababeka	0.48	625	525	-0.16
Jaya Pari Steel	0.47	325	475	0.461538
Lion Metal Works	0.45	575	850	0.478261
Indorama Syntetics	0.44	1700	1400	-0.17647
Panasia Filament Inti Tbk	0.42	375	375	0
Humpuss Intermoda Transportasi	0.41	500	725	0.45
Lippo General Insurance Tbk	0.4	825	900	0.090909
Tembaga Mulia Semanan	0.38	1600	2300	0.4375
INCO	0.37	6250	5800	-0.072
Fajar Surya Wisesa	0.34	500	600	0.2
Itamaraya Gold Industry	0.33	300	625	1.083333
Kabelindo Murni	0.27	500	625	0.25
Bayer Indonesia	0.23	5000	8000	0.6
Centris Multi Persada Pratama	0.22	425	1125	1.647059
Inti Indorayon Utama	0.19	575	525	-0.08696
Samudera Indonesia Tbk	0.18	500	4500	8
Asuransi Harta Aman Pratama	0.17	550	550	0
			TOTAL	13.86414
			RATA-2	0.630188



Nama	PBV Nop'99	PRICE Nop'99	PRICE Des'99	R1
Bakrieland Development Tbk	0.57	225	225	0
Berlian Laju Tanker	0.57	1000	1125	0.125
Centris Multi Persada Pratama	0.57	1125	1000	-0.11111
Surya Semesta Internusa Tbk	0.57	375	425	0.133333
Bumi Modern Tbk	0.56	200	275	0.375
Bank Pikko Tbk	0.55	450	450	0
Suryamas Dutamakmur	0.55	300	325	0.083333
Tembaga Mulia Semanan	0.55	2300	3250	0.413043
Asuransi Bina Dana Arta Tbk	0.51	675	850	0.259259
Tjiwi Kimia	0.51	2175	2275	0.045977
Lippo Cikarang Tbk	0.49	325	425	0.307692
Pool Asuransi Indonesia	0.49	1000	1500	0.5
Barito Pacific Timber	0.47	625	625	0
Kawasan Industri Jababeka	0.46	525	575	0.095238
Indorama Syntetics	0.45	1400	1625	0.160714
Lippo General Insurance Tbk	0.44	900	1200	0.333333
Fiskaragung Perkasa	0.39	175	175	0
Ciputra Surya Tbk	0.38	250	300	0.2
Bayer Indonesia	0.37	8000	7700	-0.0375
INCO	0.27	5800	6300	0.086207
Asuransi Harta Aman Pratama	0.17	550	2500	3.545455
Inti Indorayon Utama	0.15	525	950	0.809524
			TOTAL	7.324499
			RATA-2	0.332932

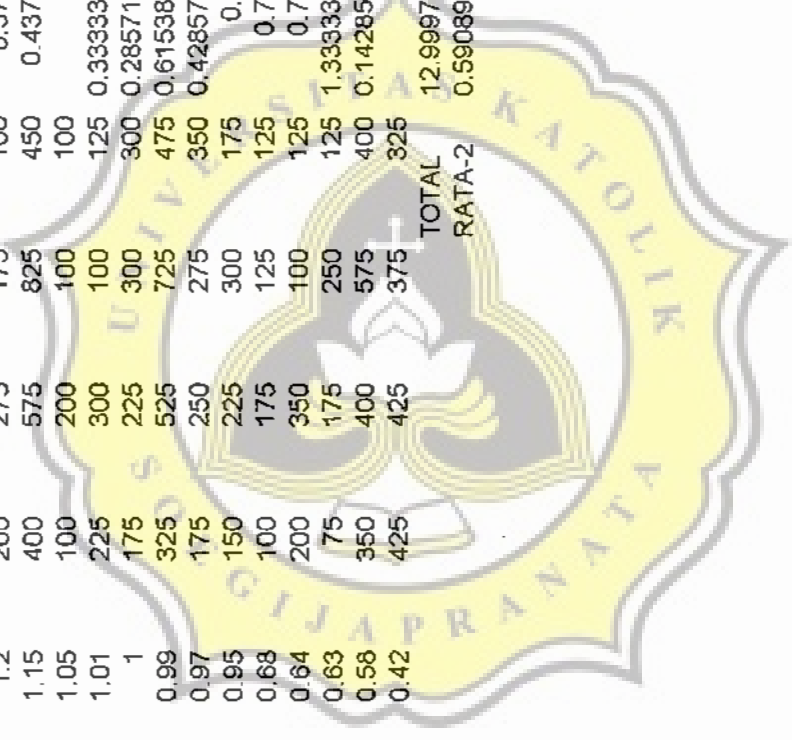




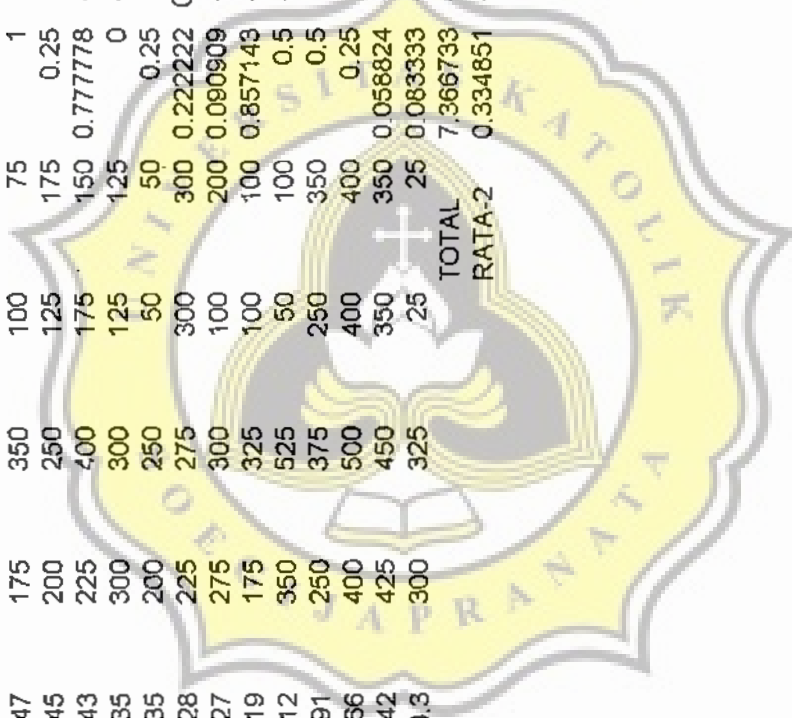
# LAMPIRAN



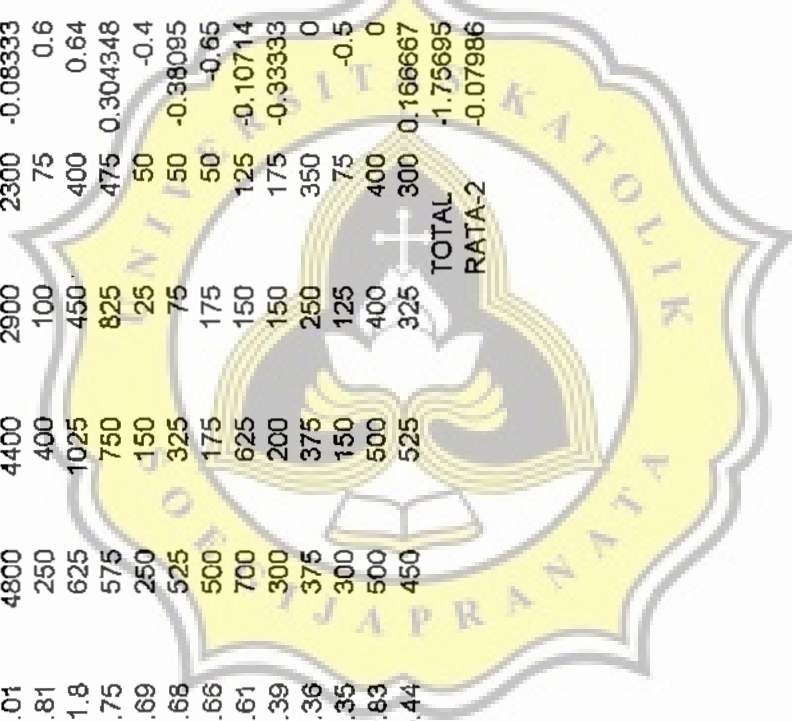
Nama	PER Jan'98	PRICE Jan'98	PRICE Pebr'98	PRICE Juli'98	PRICE Jan'99	K1	K6	K12	
									PER Jan'98
Schering Plough Indonesia	1.74	3400	6100	10500	11000	0.794118	2.088235	2.235294	
Sekar Laut	1.74	175	250	200	125	0.428571	0.142857	-0.28571	
Panin Life	1.73	350	400	250	475	0.142857	-0.28571	0.357143	
Asuransi Bintang Tbk	1.52	300	350	350	225	0.166667	0.166667	-0.25	
Indo Citra Finance	1.45	200	200	250	150	0	0.25	-0.25	
Citatah Industri Marmer	1.37	225	775	750	375	2.444444	2.333333	0.666667	
Bunas Finance Indonesia Tbk	1.35	200	200	100	50	0	-0.5	-0.75	
Surya Semesta Internusa Tbk	1.3	150	300	150	125	1	0	-0.16667	
Komatsu Indonesia	1.21	350	725	875	400	1.071429	1.5	0.142857	
Sekar Bumi Tbk	1.2	200	275	175	100	0.375	-0.125	-0.5	
Intan Wijaya Chemical Industry	1.15	400	575	825	450	0.4375	1.0625	0.125	
Anwar Sierad	1.05	100	200	100	100	1	0	0	
Bank Tiara Asia	1.01	225	300	100	125	0.333333	-0.55556	-0.44444	
Bank Surya	1	175	225	300	300	0.285714	0.714286	0.714286	
Duta Pertiwi Nusantara	0.99	325	525	725	475	0.615385	1.230769	0.461538	
Pan Brothers Tex Tbk	0.97	175	250	275	350	0.428571	0.571429	1	
Langgeng Makmur Plastic I Tbk	0.95	150	225	300	175	0.5	1	0.166667	
Duta Anggada Realty	0.68	100	175	125	125	0.75	0.25	0.25	
Bukaka Teknik Utama	0.64	200	350	100	125	0.75	-0.5	-0.375	
Steady Safe	0.63	75	175	250	125	1.333333	2.333333	0.666667	
Asuransi Harta Aman Pratama	0.58	350	400	575	400	0.142857	0.642857	0.142857	
Suba Indah	0.42	425	425	375	325	0	-0.11765	-0.23529	
						TOTAL	12.99978	12.20235	3.671856
						RATA-2	0.590899	0.554652	0.166903



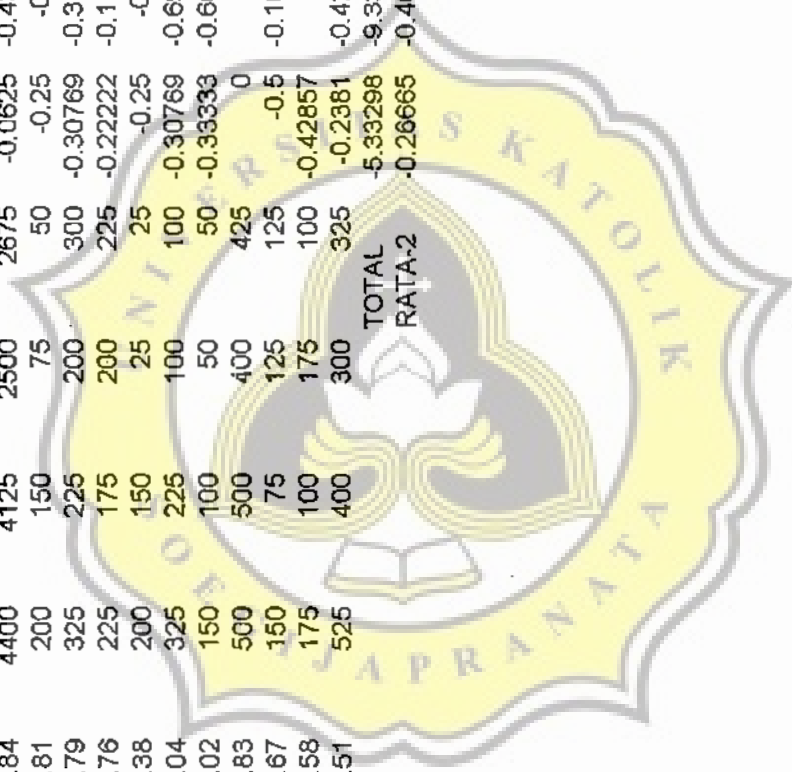
Nama	PER Pebr'98	PRICE Pebr'98	PRICE Mar'98	PRICE Agt'98	PRICE Pebr'99	R1	R6	R12
Panin Life	1.97	400	625	300	1000	0.5625	-0.25	1.5
Panin Overseas Finance	1.97	175	275	100	125	0.571429	-0.42857	-0.28571
Perdana Inti Investama Tbk	1.97	150	200	50	50	0.333333	-0.66667	-0.66667
Asuransi Bintang Tbk	1.78	350	425	250	275	0.214286	-0.28571	-0.21429
Panasia Filament Inti Tbk	1.76	225	275	225	200	0.222222	0	-0.11111
Intan Wijaya Chemical Industry	1.65	575	625	725	425	0.086957	0.26087	-0.26087
Sekar Bumi Tbk	1.65	275	375	175	150	0.363636	-0.36364	-0.45455
Duta Pertiwi Nusantara	1.6	525	575	650	475	0.095238	0.238095	-0.09524
Tamara Bank	1.5	650	700	200	150	0.076923	-0.69231	-0.76923
Steady Safe	1.47	175	350	100	75	1	-0.42857	-0.57143
Indo Citra Finance	1.45	200	250	125	175	0.25	-0.375	-0.125
Langgeng Makmur Plastic I Tbk	1.43	225	400	175	150	0.777778	-0.22222	-0.33333
Bank Tiara Asia	1.35	300	300	125	125	0	-0.58333	-0.58333
Bunas Finance Indonesia Tbk	1.35	200	250	50	50	0.25	-0.75	-0.75
Bank Surya	1.28	225	275	300	300	0.222222	0.333333	0.333333
BDNI Reksadana	1.27	275	300	100	200	0.090909	-0.63636	-0.27273
Duta Anggada Realty	1.19	175	325	100	100	0.857143	-0.42857	-0.42857
Bukaka Teknik Utama	1.12	360	525	50	100	0.5	-0.85714	-0.71429
Pan Brothers Tex Tbk	0.91	250	375	250	350	0.5	0	0.4
Asuransi Harta Aman Pratama	0.66	400	500	400	400	0.25	0	0
Suba Indah	0.42	425	450	350	350	0.058824	-0.17647	-0.17647
Putra Surya Multidana Tbk	0.3	300	325	25	25	0.083333	-0.91667	-0.91667
					TOTAL	7.366733	-7.22894	-5.49615
					RATA-2	0.334851	-0.32859	-0.24982



Nama	PER Mar'98	PRIVE Mar'98	PRIVE Apr'98	PRIVE Sept'98	PRIVE Mar'99	KI	KD	KIZ
Squibb Indonesia	2.62	7200	7200	7300	7300	0	0.013889	0.013889
Mitra Rajasa Tbk	2.58	350	325	125	75	-0.07143	-0.64286	-0.78571
Langgeng Makmur Plastik I Tbk	2.54	400	275	150	150	-0.3125	-0.625	-0.625
Berlina	2.38	650	875	250	250	0.346154	-0.61538	-0.61538
Metrodata Electronics	2.26	1550	1400	875	750	-0.09677	-0.43548	-0.51613
Putra Surya Multidana Tbk	2.25	325	200	25	25	-0.38462	-0.92308	-0.92308
Duta Anggada Realty	2.2	325	300	100	50	-0.07692	-0.69231	-0.84615
Asuransi Bintang Tbk	2.16	425	325	175	250	-0.23529	-0.58824	-0.41176
Panasia Filament Inti Tbk	2.15	275	225	225	175	-0.18182	-0.18182	-0.36364
Delta Djakarta	2.01	4800	4400	2900	2300	-0.08333	-0.39583	-0.52083
Indo Citra Finance	1.81	250	400	100	75	0.6	-0.6	-0.7
Intan Wijaya Chemical Industry	1.8	625	1025	450	400	0.64	-0.28	-0.36
Duta Pertiwi Nusantara	1.75	575	750	825	475	0.304348	0.434783	-0.17391
Bunas Finance Indonesia Tbk	1.69	250	150	25	50	-0.4	-0.9	-0.8
Bukaka Teknik Utama	1.68	525	325	75	50	-0.38095	-0.85714	-0.90476
Bank PDICI	1.66	500	175	175	50	-0.65	-0.65	-0.9
Tamara Bank	1.61	700	625	150	125	-0.10714	-0.78571	-0.82143
BDNI Reksadana	1.39	300	200	150	175	-0.33333	-0.5	-0.41667
Pan Brothers Tex Tbk	1.36	375	375	250	350	0	-0.33333	-0.06667
Bank Tiara Asia	1.35	300	150	125	75	-0.5	-0.58333	-0.75
Asuransi Harta Aman Pratama	0.83	500	500	400	400	0	-0.2	-0.2
Suba Indah	0.44	450	525	325	300	0.166667	-0.27778	-0.33333
						TOTAL	-1.75695	-10.6186
						RATA-2	-0.07986	-0.48266



Nama	PER Apr'98	FRIVE Apr'98	FRIVE Mei'98	FRIVE Okt'98	FRIVE Apr'99	KI	RO	KIZ
Tamara Bank	2.34	625	425	150	125	-0.32	-0.76	-0.8
Davomas Abadi	2.25	600	400	425	400	-0.33333	-0.29167	-0.33333
Bakrie & Brothers	2.16	325	225	100	300	-0.30769	-0.69231	-0.07692
Bank Danamon	2.12	200	125	175	175	-0.375	-0.125	-0.125
Intan Wijaya Chemical Industry	2.07	1025	725	375	550	-0.29268	-0.63415	-0.46341
Duta Anggada Realty	2.03	300	200	50	100	-0.33333	-0.83333	-0.66667
Panin Life	1.97	400	425	225	600	0.0625	-0.4375	0.5
Pan Brothers Tex Tbk	1.9	375	300	275	425	-0.2	-0.26667	0.133333
Kawasan Industri Jababeka	1.85	600	400	175	225	-0.33333	-0.70833	-0.625
Delta Djakarta	1.84	4400	4125	2500	2675	-0.0625	-0.43182	-0.39205
Ficorinvest Bank	1.81	200	150	75	50	-0.25	-0.625	-0.75
Asuransi Bintang Tbk	1.79	325	225	200	300	-0.30769	-0.38462	-0.07692
Panasia Filament Inti Tbk	1.76	225	175	200	225	-0.22222	-0.11111	0
Putra Surya Multidana Tbk	1.38	200	150	25	25	-0.25	-0.875	-0.875
Bukaka Teknik Utama	1.04	325	225	100	100	-0.30769	-0.69231	-0.69231
Bunas Finance Indonesia Tbk	1.02	150	100	50	50	-0.33333	-0.66667	-0.66667
Asuransi Harta Aman Pratama	0.83	500	500	400	425	0	-0.2	-0.15
Bank Tiara Asia	0.67	150	75	125	125	-0.5	-0.16667	-0.16667
Bank PDFCI	0.58	175	100	175	100	-0.42857	0	-0.42857
Suba Indah	0.51	525	400	300	325	-0.2381	-0.42857	-0.38095
					TOTAL	-5.33298	-9.33071	-7.03614
					RATA-2	-0.26665	-0.46654	-0.35181



Nama	PER Mei'98	PRICE Mei'98	PRICE Juni'98	PRICE Nop'98	PRICE Mei'99	K1	KD	K12
Delta Djakarta	2.15	4125	3200	1600	3275	-0.22424	-0.61212	-0.20606
Panin Life	2.09	425	300	225	700	-0.29412	-0.47059	0.647059
Duta Pertiwi Nusantara	1.82	550	650	475	900	0.181818	-0.13636	0.636364
Panasia Filament Inti Tbk	1.68	175	175	200	400	0	0.142857	1.285714
Tamara Bank	1.59	425	525	200	125	0.235294	-0.52941	-0.70588
Bakrie & Brothers	1.49	225	250	200	325	-0.11111	-0.11111	0.444444
Intan Wijaya Chemical Industry	1.46	725	900	500	675	0.241379	-0.31034	-0.06897
Duta Anggada Realty	1.35	200	100	200	200	-0.5	0	0
Bank Danamon	1.32	125	100	175	350	-0.2	0.4	1.8
Asuransi Bintang Tbk	1.24	225	300	225	550	0.333333	0	1.444444
Kawasan Industri Jababeka	1.24	400	275	275	450	-0.3125	-0.3125	0.125
Pan Brothers Tex Tbk	1.09	300	250	325	550	-0.16667	0.083333	0.833333
Putra Surya Multidana Tbk	1.04	150	75	50	150	-0.5	-0.66667	0
Asuransi Harta Aman Pratama	0.83	500	575	400	425	0.15	-0.2	-0.15
Bukaka Teknik Utama	0.72	225	125	125	350	-0.44444	-0.44444	0.555556
Bank Tiara Asia	0.34	75	50	125	625	-0.33333	0.666667	7.333333
Bank PDFCI	0.33	100	100	175	200	0	0.75	1
TOTAL						-1.72237	-1.75069	14.97434
RATA-2						-0.10132	-0.10298	0.880843





Nama	PER Juni'98	FRISE Juni'98	FRISE Juli'98	FRISE Des'98	FRISE Juni'99	RI	RO	RI2	
Van Der Horst Indonesia Tbk	1.06	475	350	325	575	-0.26316	-0.31579	0.210526	
Intan Wijaya Chemical Industry	0.92	900	825	500	950	-0.08933	-0.44444	0.055556	
Pan Brothers Tex Tbk	0.91	250	275	375	925	0.1	0.5	2.7	
Ever Shine Textile Industry	0.88	300	325	300	800	0.083333	0	1.666667	
Komatsu Indonesia	0.85	900	875	450	1550	-0.02778	-0.5	0.722222	
INCO	0.67	7800	8200	2800	6450	0.051282	-0.64103	-0.17308	
Asuransi Bintang Tbk	0.61	300	350	275	850	0.166667	-0.08333	1.833333	
Petrosea	0.51	2025	2225	1675	2775	0.098765	-0.17284	0.37037	
Pool Asuransi Indonesia	0.46	650	500	450	175	-0.23077	-0.30769	-0.73077	
Tigaraksa Satria	0.38	2400	2800	1100	2100	0.166667	-0.54167	-0.125	
Bank PDFCI	0.33	100	175	175	300	0.75	0.75	2	
Rig Tenders	0.3	1250	1450	1350	3000	0.16	0.08	1.4	
Ekadharma Tape Ind	0.2	450	1600	1250	2600	2.555556	1.777778	4.777778	
						<b>TOTAL</b>	<b>3.527231</b>	<b>0.100986</b>	<b>14.70761</b>
						<b>RATA-2</b>	<b>0.271325</b>	<b>0.007768</b>	<b>1.131354</b>



Nama	PER Juli'98	PRICE Juli'98	PRICE Agt'98	PRICE Jan'99	PRICE Juli'99	K1	K6	K1Z
Intan Wijaya Chemical Industry	0.84	825	725	450	800	-0.12121	-0.45455	-0.0303
Pan Brothers Tex Tbk	0.81	275	250	350	825	-0.09091	0.272727	2
Van Der Horst Indonesia Tbk	0.78	350	275	300	550	-0.21429	-0.14286	0.571429
Asuransi Bintang Tbk	0.71	350	250	225	725	-0.28571	-0.35714	1.071429
Ekadharma Tape Ind	0.71	1600	1850	1250	3225	0.15625	-0.21875	1.015625
-Bakrie & Brothers	0.66	250	125	250	375	-0.5	0	0.5
Humpuss Intermoda Transportasi	0.64	350	325	300	500	-0.07143	-0.14286	0.428571
Duta Pertiwi Nusantara	0.59	725	650	475	925	-0.10345	-0.34483	0.275862
Petrosea	0.55	2225	1750	1625	2700	-0.21348	-0.26966	0.213483
Tigaraksa Satria	0.45	2800	1500	1200	3000	-0.46429	-0.57143	0.071429
Pool Asuransi Indonesia:	0.35	500	525	450	175	0.05	-0.1	-0.65
Rig Tenders	0.35	1450	1275	1300	2500	-0.12069	-0.10345	0.724138
TOTAL						-1.97921	-2.43279	6.191662
URATA-2						-0.16493	-0.20273	0.515972



Nama	PER Agt'98	PRICE Agt'98	PRICE Sept'98	PRICE Pebr'99	PRICE Agt'99	R1	R6	R12
Asuransi Lippo Life Tbk	0.83	175	125	375	175	-0.28571	1.142857	0.4
Lippo General Insurance Tbk	0.8	275	225	350	575	-0.18182	0.272727	1.555556
Pan Brothers Tex Tbk	0.73	250	250	350	800	0	0.4	2.2
Tigaraksa Satria	0.61	1500	1350	1100	3200	-0.1	-0.26667	1.37037
Astra Graphia	0.56	875	875	575	1400	0	-0.34286	0.6
Van Der Horst Indonesia Tbk	0.52	275	300	275	400	0.090909	0	0.333333
Intan Wijaya Chemical Industry	0.42	725	450	425	700	-0.37931	-0.41379	0.555556
Duta Pertiwi Nusantara	0.3	650	825	475	675	0.269231	-0.26923	-0.18182
Centex	0.26	2300	2925	3300	5750	0.271739	0.434783	0.965812
Rig Tenders	0.25	1275	1050	1275	2250	-0.17647	0	1.142857
Pool Asuransi Indonesia	0.23	525	450	375	450	-0.14286	-0.28571	0
TOTAL						-0.63429	0.672105	8.941666
RATA-2						-0.05766	0.0611	0.812879



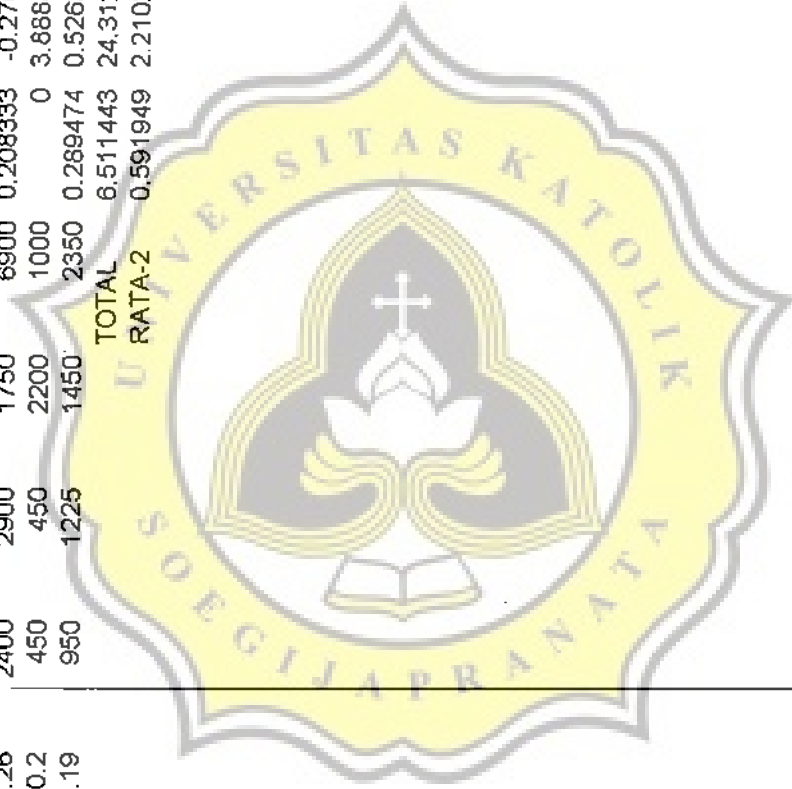
Nama	PER Sept'98	PRICE Sept'98	PRICE Okt'98	PRICE Mar'99	PRICE Sept'99	R1	R6	R12
Petrosea.	0.67	1300	1425	1600	2675	0.096154	0.230769	1.057692
Lippo General Insurance Tbk	0.6	225	275	350	675	0.222222	0.555556	2
Tjiwi Kimia	0.6	1000	1150	1925	2025	0.15	0.925	1.025
Astra Graphia	0.56	875	875	550	1375	0	-0.37143	0.571429
Intan Wijaya Chemical Industry	0.56	450	375	400	700	-0.16667	-0.11111	0.555556
Tigaraksa Satria	0.56	1350	1100	800	3200	-0.18519	-0.40741	1.37037
Asuransi Lippo Life Tbk	0.52	125	125	375	225	0	2	0.8
Van Der Horst Indonesia Tbk	0.52	300	300	225	450	0	-0.25	0.5
Centex	0.32	2925	2400	3500	6500	-0.17949	0.196581	1.222222
Pool Asuransi Indonesia	0.2	450	450	175	1000	0	-0.61111	1.222222
Rig Tenders	0.2	1050	950	1300	2300	-0.09524	0.238095	1.190476
						-0.1582	2.394943	11.51497
						-0.01438	0.217722	1.046815

TOTAL

RATA-2



Nama	PER Okt'98	PRICE Okt'98	PRICE Nop'98	PRICE Apr'98	PRICE Okt'99	R1	R6	R12
Gajah Tunggal Tbk	0.54	100	250	275	800	1.5	1.75	7
Asuransi Lippo Life Tbk	0.52	125	475	400	325	2.8	2.2	1.6
Steady Safe	0.52	75	125	725	250	0.666667	8.666667	2.333333
Van Der Horst Indonesia Tbk	0.52	300	325	600	575	0.0833333	1	0.916667
Ades Alfindo	0.47	275	375	600	475	0.363636	1.181818	0.727273
Intan Wijaya Chemical Industry	0.47	375	500	1025	775	0.3333333	1.733333	1.066667
Tigaraksa Satria	0.46	1100	1100	4000	4000	0	2.636364	2.636364
Duta Pertiwi Nusantara	0.37	375	475	750	850	0.266667	1	1.266667
Centex	0.26	2400	2900	1750	6900	0.208333	-0.27083	1.875
Pool Asuransi Indonesia	0.2	450	450	2200	1000	0	3.866889	1.222222
Rig Tenders	0.19	950	1225	1450	2350	0.289474	0.526316	1.473684
TOTAL						6.511443	24.31255	22.11788
RATA-2						0.591949	2.210232	2.010716

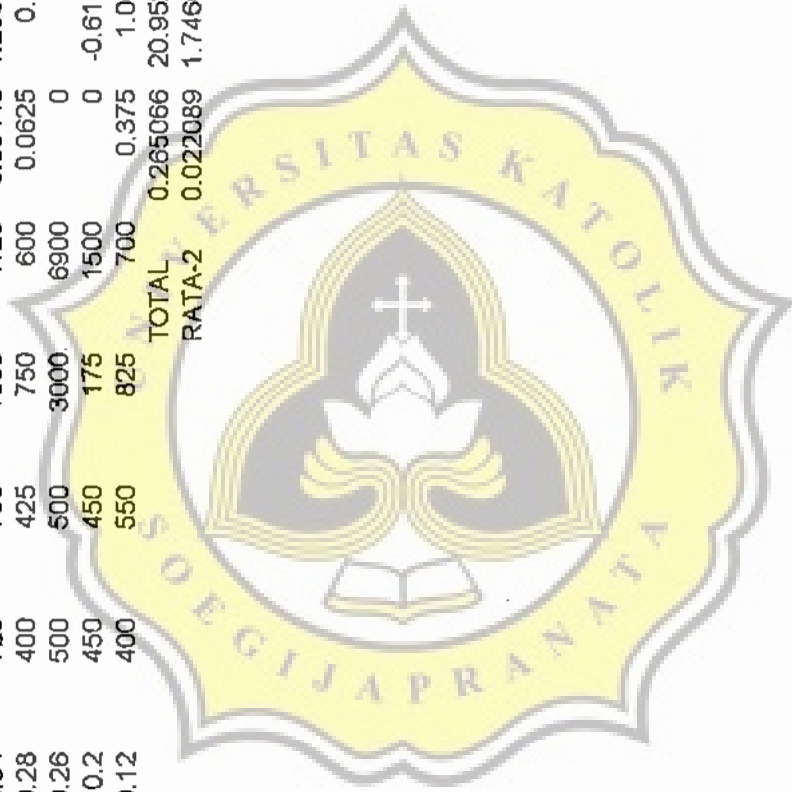


Nama	PER	PRICE	PRICE	PRICE	PRICE	R1	R6	R12
	Nop'98	Nop'98	Des'98	Mei'99	Nop'99			
Sepatu Bata	0.72	1300	1300	2000	13000	0	0.538462	9
Van Der Horst Indonesia Tbk	0.57	325	325	325	700	0	0	1.153846
Tigaraksa Satria	0.46	1100	1100	1625	4000	0	0.477273	2.636364
Tempo Scan Pasific	0.44	350	425	2275	4875	0.214286	5.5	12.92857
Rig Tenders	0.41	1225	1350	2250	2750	0.102041	0.836735	1.244898
Royal Sentul Highlands Tbk	0.37	125	200	225	200	0.6	0.8	0.6
Centex	0.33	2900	3125	5250	7500	0.077586	0.810345	1.586207
Astra Graphia	0.3	650	725	925	3475	0.115385	0.423077	4.346154
Lippo Karawaci	0.23	325	400	625	475	0.230769	0.923077	0.461538
Pool Asuransi Indonesia	0.2	450	450	175	1000	0	-0.61111	1.222222
Lippo Land Development	0.1	325	400	625	575	0.230769	0.923077	0.769231
United Tractors	0.09	500	500	1275	6575	0	1.55	12.15
					TOTAL	1.570836	12.17093	48.09903
					RATA-2	0.130903	1.014244	4.008253

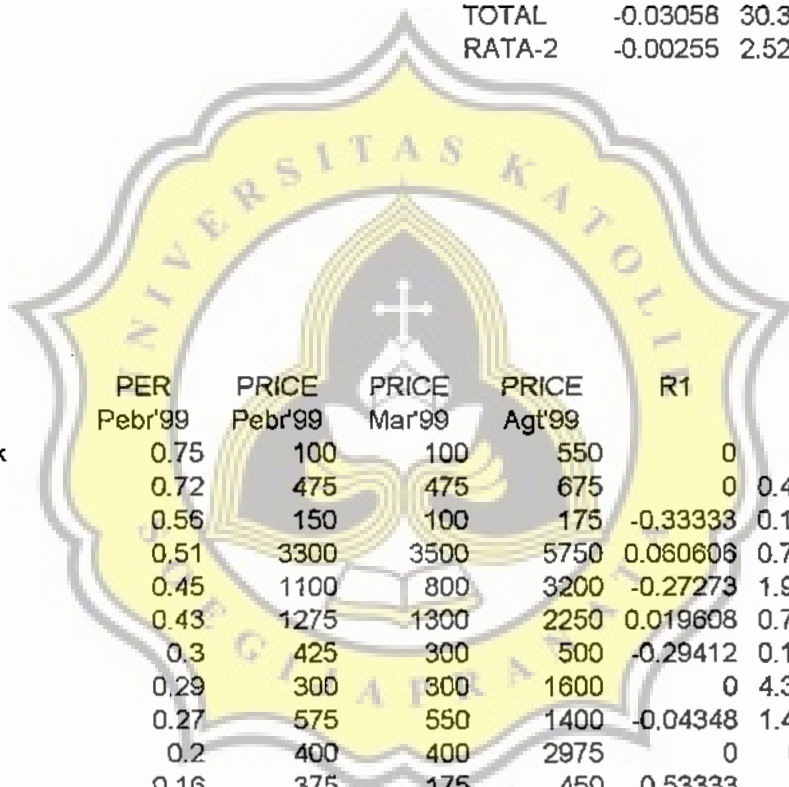




Nama	PER Des'98	PRICE Des'98	PRICE Jan'99	PRICE Juni'99	PRICE Des'99	R1	R6	R12
Sepatu Bata	0.72	1300	1300	3550	13550	0	1.730769	9.423077
Steady Safe	0.69	100	125	300	300	0.25	2	2
Royal Sentul Highlands Tbk	0.6	200	125	400	250	-0.375	1	0.25
Tempo Scan Pasific	0.54	425	400	2875	5900	-0.05882	5.764706	12.88235
Tigaraksa Satria	0.46	1100	1200	2100	3500	0.090909	0.909091	2.181818
Rig Tenders	0.45	1350	1300	3000	3200	-0.03704	1.222222	1.37037
Centex	0.36	3125	3100	5600	7500	-0.008	0.792	1.4
Astra Graphia	0.34	725	700	1600	4125	-0.03448	1.206897	4.669655
Lippo Karawaci	0.28	400	425	750	600	0.0625	0.875	0.5
Lippo Tractors	0.26	500	500	3000	6900	0	5	12.8
Pool Asuransi Indonesia	0.2	450	450	175	1500	0	-0.61111	2.333333
Lippo Land Development	0.12	400	550	825	700	0.375	1.0625	0.75
TOTAL						0.265066	20.95207	50.58061
RATA-2						0.022089	1.746006	4.215051

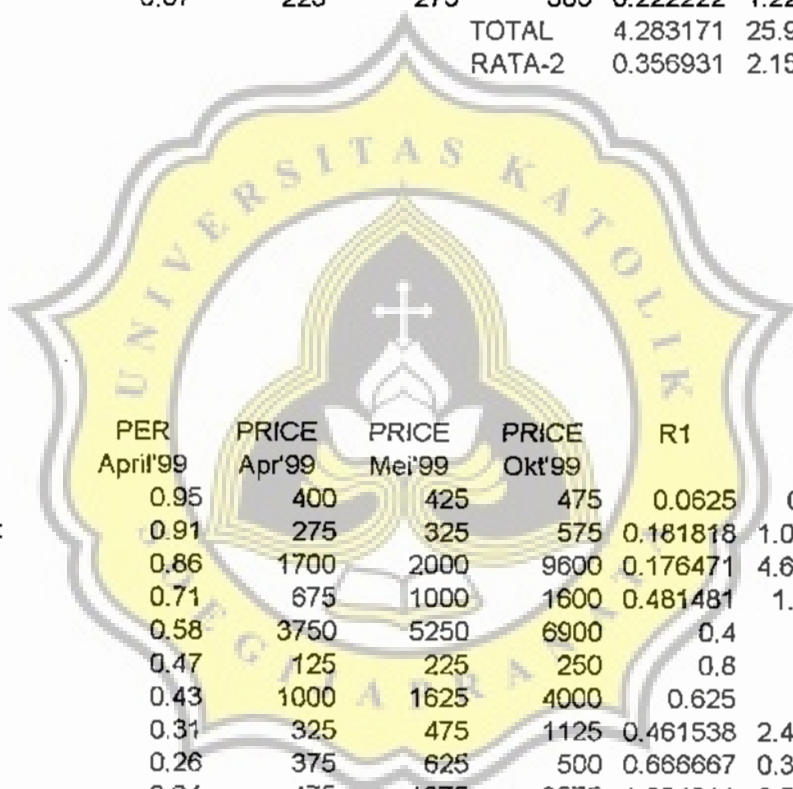


Nama	PER Jan'99	PRICE Jan'99	PRICE Pebr'99	PRICE Juli'99	R1	R6
Sepatu Bata	0.72	1300	1500	5100	0.153846	2.923077
Tempo Scan Pasific	0.5	400	425	4350	0.0625	9.875
Tigaraksa Satria	0.49	1200	1100	3000	-0.08333	1.5
Rig Tenders	0.44	1300	1275	2500	-0.01923	0.923077
Royal Sentul Highlands Tbk	0.37	125	150	250	0.2	1
Centex	0.36	3100	3300	10000	0.064516	2.225806
Astra Graphia	0.32	700	575	1450	-0.17857	1.071429
Lippo Karawaci	0.3	425	425	575	0	0.352941
United Tractors	0.26	500	400	3450	-0.2	5.9
Pool Asuransi Indonesia	0.2	450	375	175	-0.16667	-0.61111
Pudjiadi & Sons	0.19	200	300	1250	0.5	5.25
Lippo Land Development	0.16	550	350	500	-0.36364	-0.09091
				TOTAL	-0.03058	30.31931
				RATA-2	-0.00255	2.526609



Nama	PER Pebr'99	PRICE Pebr'99	PRICE Mar'99	PRICE Agt'99	R1	R6
GT Petrochem Industries Tbk	0.75	100	100	550	0	4.5
Duta Pertiwi Nusantara	0.72	475	475	675	0	0.421053
Royal Sentul Highlands Tbk	0.56	150	100	175	-0.33333	0.166667
Centex	0.51	3300	3500	5750	0.060606	0.742424
Tigaraksa Satria	0.45	1100	800	3200	-0.27273	1.909091
Rig Tenders	0.43	1275	1300	2250	0.019608	0.764706
Lippo Karawaci	0.3	425	300	500	-0.29412	0.176471
Pudjiadi & Sons	0.29	300	300	1600	0	4.333333
Astra Graphia	0.27	575	550	1400	-0.04348	1.434783
United Tractors	0.2	400	400	2975	0	6.4375
Pool Asuransi Indonesia	0.16	375	175	450	-0.53333	0.2
Lippo Land Development	0.1	350	225	475	-0.35714	0.357143
				TOTAL	-1.75392	21.44317
				RATA-2	-0.14616	1.786931

Nama	PER Maret'99	PRICE Mar'99	PRICE Apr'99	PRICE Sept'99	R1	R6
GT Petrochem Industries Tbk	0.6	100	225	575	1.25	4.75
Centex	0.54	3500	3750	6500	0.071429	0.857143
Ades Alfindo	0.53	225	400	375	0.777778	0.666667
Tembaga Mulia Semanan	0.53	500	675	1700	0.35	2.4
Rig Tenders	0.44	1300	1950	2300	0.5	0.769231
Royal Sentul Highlands Tbk	0.37	100	125	175	0.25	0.75
Tigaraksa Satria	0.33	800	1000	3200	0.25	3
Pudjiadi & Sons	0.29	300	325	1150	0.083333	2.833333
Astra Graphia	0.26	550	600	1375	0.090909	1.5
Lippo Karawaci	0.21	300	375	650	0.25	1.166667
United Tractors	0.2	400	475	2800	0.1875	6
Lippo Land Development	0.07	225	275	500	0.222222	1.222222
				TOTAL	4.283171	25.91526
				RATA-2	0.356931	2.159605



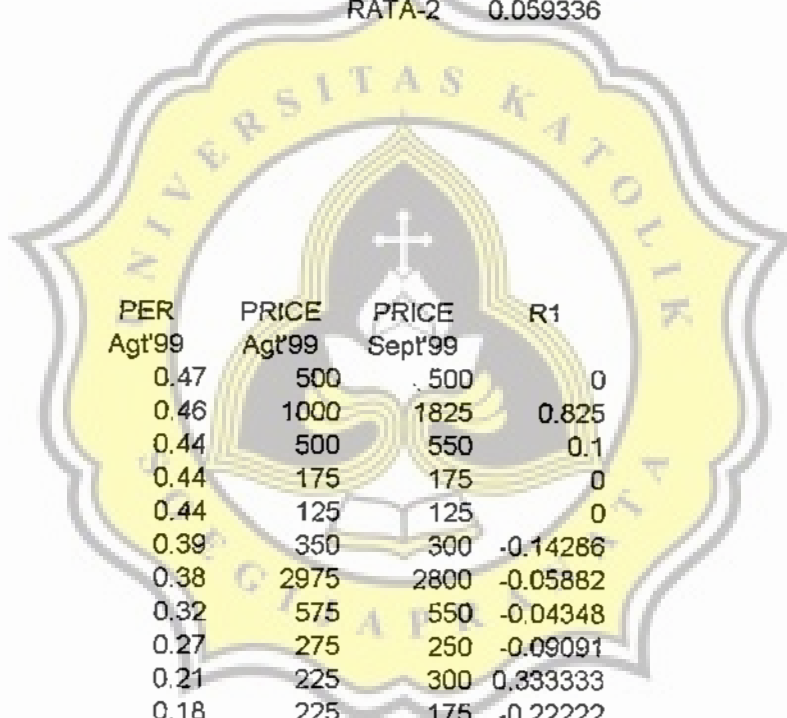
Nama	PER April'99	PRICE Apr'99	PRICE Mei'99	PRICE Okt'99	R1	R6
Ades Alfindo	0.95	400	425	475	0.0625	0.1875
Van Der Horst Indonesia Tbk	0.91	275	325	575	0.181818	1.090909
Sepatu Bata	0.86	1700	2000	9600	0.176471	4.647059
Tembaga Mulia Semanan	0.71	675	1000	1600	0.481481	1.37037
Centex	0.58	3750	5250	6900	0.4	0.84
Royal Sentul Highlands Tbk	0.47	125	225	250	0.8	1
Tigaraksa Satria	0.43	1000	1625	4000	0.625	3
Pudjiadi & Sons	0.31	325	475	1125	0.461538	2.461538
Lippo Karawaci	0.26	375	625	500	0.666667	0.333333
United Tractors	0.24	475	1275	3575	1.684211	6.526316
Pool Asuransi Indonesia	0.08	175	175	1000	0	4.714286
				TOTAL	5.539686	26.17131
				RATA-2	0.503608	2.37921

Nama	PER Mei'99	PRICE Mei'99	PRICE Juni'99	PRICE Nop'99	R1	R6
Tembaga Mulia Semanan	1.89	1000	1900	2300	0.9	1.3
BAT Indonesia	1.74	12500	13500	44000	0.08	2.52
Charoen Pokphand Indonesia	1.33	800	1750	2075	1.1875	1.59375
Rig Tenders	1.2	2250	3000	2750	0.333333	0.222222
Asuransi Bintang Tbk	0.99	550	850	875	0.545455	0.590909
Royal Sentul Highlands Tbk	0.84	225	400	200	0.777778	-0.11111
Centex	0.81	5250	5600	7500	0.066667	0.428571
Sepatu Bata	0.53	2000	3550	13000	0.775	5.5
Lippo Karawaci	0.44	625	750	475	0.2	-0.24
Kasogi International Tbk	0.18	175	325	200	0.857143	0.142857
				TOTAL	5.722875	11.9472
				RATA-2	0.572288	1.19472



Nama	PER Juni'99	PRICE Juni'99	PRICE Juli'99	PRICE Des'99	R1	R6
Tembaga Mulia Semanan	2	1900	1700	3250	-0.10526	0.710526
Ekadharna Tape Ind	1.99	2600	3225	1125	0.240385	-0.56731
BAT Indonesia	1.88	13500	20000	57000	0.481481	3.222222
Rig Tenders	1.63	3000	2500	3200	-0.16667	0.066667
Asuransi Bintang Tbk	1.54	850	725	1650	-0.14706	0.941176
Asuransi Ramayana	1.06	700	675	1125	-0.03571	0.607143
Pudjadi & Sons	0.96	1000	1250	1025	0.25	0.025
Sepatu Bata	0.93	3550	5100	13550	0.43662	2.816901
Centex	0.86	5600	10000	7500	0.785714	0.339286
Lippo Karawaci	0.52	750	575	600	-0.23333	-0.2
Pool Asuransi Indonesia	0.31	175	175	1500	0	7.571429
				TOTAL	1.506164	15.53304
				RATA-2	0.136924	1.412095

Nama	PER Juli'99	PRICE* Juli'99	PRICE Agt'99	R1
Rig Tenders	1.36	2500	2250	-0.1
Sepatu Bata	1.34	5100	5000	-0.01961
Asuransi Bintang Tbk	1.31	725	750	0.034483
Asuransi Ramayana	1.02	675	725	0.074074
Tira Austenite	1.02	1500	1800	0.2
Samudera Indonesia Tbk	0.88	500	500	0
Sona Topas Tourism Industry	0.85	600	525	-0.125
Hotel Sahid Jaya	0.81	425	300	-0.29412
Nipress	0.7	775	850	0.096774
Inter Delta	0.66	750	500	-0.33333
Tamara Bank	0.33	125	125	0
Pool Asuransi Indonesia	0.31	175	450	1.571429
Steady Safe	0.09	300	200	-0.33333
			TOTAL	0.771367
			RATA-2	0.059336



Nama	PER Agt'99	PRICE Agt'99	PRICE Sept'99	R1
Samudera Indonesia Tbk	0.47	500	500	0
Hexindo Adiperkasa	0.46	1000	1825	0.825
Inter Delta	0.44	500	550	0.1
Panin Overseas Finance	0.44	175	175	0
Putra Surya Perkasa	0.44	125	125	0
Voksel Electric Tbk	0.39	350	300	-0.14286
United Tractors	0.38	2975	2800	-0.05882
Trias Sentosa	0.32	575	550	-0.04348
Alakasa Industrindo Tbk	0.27	275	250	-0.09091
Concord Benefit Enterprises	0.21	225	300	0.333333
Pelangi Indah Canindo Tbk	0.18	225	175	-0.22222
Sierad Produce Tbk	0.18	150	175	0.166667
Sucaco	0.18	325	300	-0.07692
Bukaka Teknik Utama	0.11	400	500	0.25
JAPFA	0.1	625	500	-0.2
Multibreeder Adirama Indonesia	0.09	250	275	0.1
Anwar Sierad	0.07	200	175	-0.125
Steady Safe	0.06	200	175	-0.125
			TOTAL	0.689787
			RATA-2	0.038321

Nama	PER Sept'99	PRICE Sept'99	PRICE Okt'99	R1
Pakuwon Jati	0.51	375	475	0.266667
Samudera Indonesia Tbk	0.47	500	500	0
Panin Overseas Finance	0.44	175	250	0.428571
Putra Surya Perkasa	0.44	125	150	0.2
United Tractors	0.35	2800	3575	0.276786
Voksel Electric Tbk	0.33	300	350	0.166667
Trias Sentosa	0.31	550	675	0.227273
Concord Benefit Enterprises	0.29	300	325	0.083333
Sekar Laut	0.28	175	250	0.428571
Sarasa Nugraha	0.26	600	600	0
Alakasa Industrindo Tbk	0.24	250	300	0.2
Putra Surya Multidana Tbk	0.24	100	100	0
Sierad Produce Tbk	0.21	175	250	0.428571
Sucaco	0.17	300	375	0.25
Bukaka Teknik Utama	0.14	500	525	0.05
Pelangi Indah Canindo Tbk	0.14	175	225	0.285714
Multibreeder Adirama Indonesia	0.1	275	325	0.181818
JAPFA	0.08	500	500	0
Anwar Sierad	0.06	175	250	0.428571
Steady Safe	0.05	175	250	0.428571

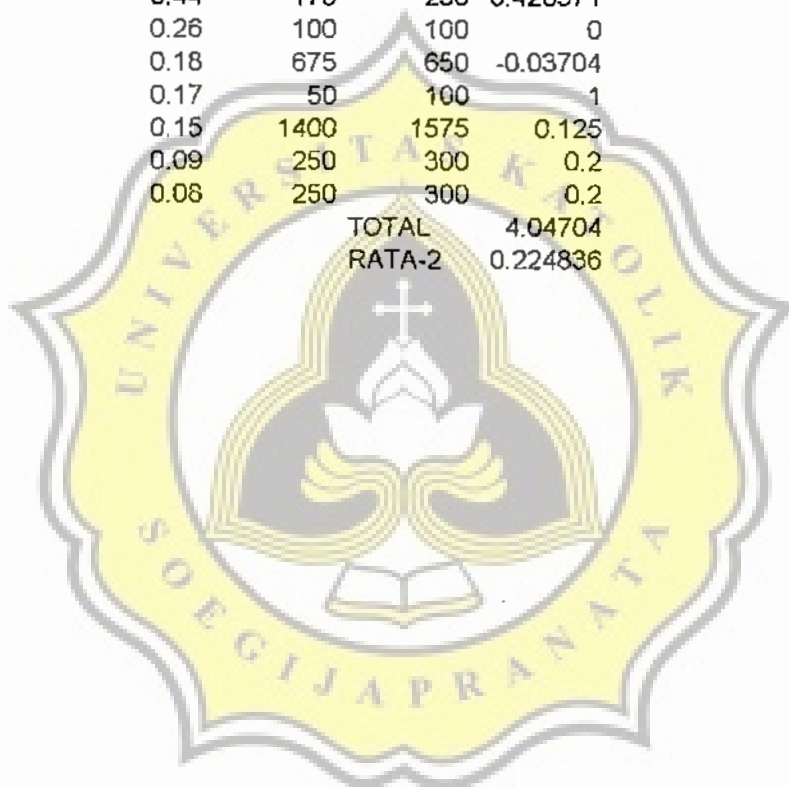
TOTAL 4.331115  
RATA-2 0.216556

Nama	PER Okt'99	PRICE Okt'99	PRICE Nop'99	R1
Samudera Indonesia Tbk	0.47	500	4500	8
CP.Prima	0.45	600	725	0.208333
United Tractors	0.45	3575	6575	0.839161
Sekar Laut	0.4	250	475	0.9
Voksel Electric Tbk	0.39	350	475	0.357143
Trias Sentosa	0.38	675	825	0.222222
Concord Benefit Enterprises	0.31	325	600	0.846154
Alakasa Industrindo Tbk	0.29	300	700	1.333333
Sierad Produce Tbk	0.29	250	150	-0.4
Kabelindo Murni	0.27	500	625	0.25
Sarasa Nugraha	0.26	600	600	0
Surya Hidup Satwa	0.25	700	1275	0.821429
BBL Dharmala Finance	0.24	275	450	0.636364
Putra Surya Multidana Tbk	0.24	100	100	0
Sucaco	0.21	375	550	0.466667
Pelangi Indah Canindo Tbk	0.18	225	275	0.222222
Bukaka Teknik Utama	0.14	525	675	0.285714
Multibreeder Adirama Indonesia	0.12	325	500	0.538462
Anwar Sierad	0.09	250	250	0
JAPFA	0.08	500	700	0.4
Steady Safe	0.08	250	250	0
Sinar Mas Mulliartina	0.06	825	1400	0.69697

TOTAL 16.62417  
RATA-2 0.755644



Nama	PER Nop'99	PRICE Nop'99	PRICE Des'99	R1
Summarecon Agung	1.39	375	400	0.066667
Ricky Putra Globalindo Tbk	1.36	450	500	0.111111
Putra Sejahtera P. (CFC)	1.29	250	275	0.1
Intraco Penta	1.27	1300	1600	0.230769
Asuransi Bintang Tbk	1.04	875	1650	0.885714
Pelangi Indah Canindo Tbk	1.01	275	325	0.181818
Lippo General Insurance Tbk	0.85	900	1200	0.333333
Sekar Laut	0.76	475	550	0.157895
Concord Benefit Enterprises	0.57	600	525	-0.125
Voksel Electric Tbk	0.52	475	550	0.157895
Trias Sentosa	0.46	825	850	0.030303
Panin Overseas Finance	0.44	175	250	0.428571
Putra Surya Multidana Tbk	0.26	100	100	0
Bukaka Teknik Utama	0.18	675	650	-0.03704
Putra Surya Perkasa	0.17	50	100	1
Sinar Mas Multiartha	0.15	1400	1575	0.125
Anwar Sierad	0.09	250	300	0.2
Steady Safe	0.08	250	300	0.2
			TOTAL	4.04704
			RATA-2	0.224836



# LAMPIRAN



sts for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
VAR1				
PBV	22	.6993	.707	.151
PER	21	.5026	.385	.084

Mean Difference = .1967

Levene's Test for Equality of Variances: F= 4.038 P= .051

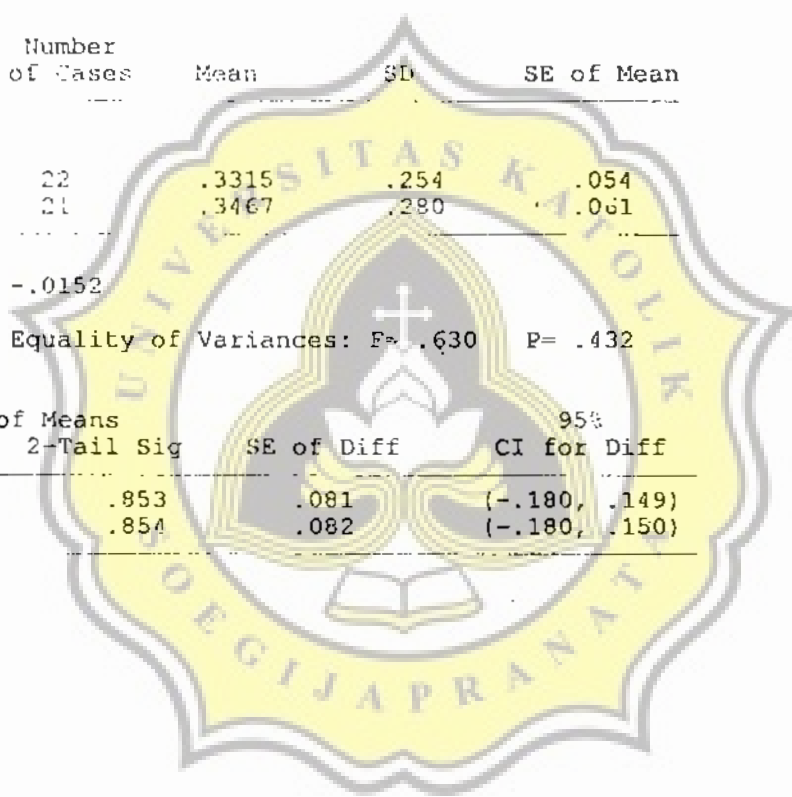
t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	1.13	41	.267	.175	(-.156, .550)
Not Equal	1.14	32.77	.262	.173	(-.154, .548)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR2				
PBV	22	.3315	.254	.054
PER	21	.3467	.280	.061

Mean Difference = -.0152

Levene's Test for Equality of Variances: F= .630 P= .432

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.19	41	.853	.081	(-.180, .149)
Not Equal	-.19	40.17	.854	.082	(-.180, .150)



ts for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
VAR3				
PBV	22	-.0669	.338	.072
PER	21	-.0653	.334	.073

Mean Difference = -.0015

Levene's Test for Equality of Variances: F= .126 P= .724

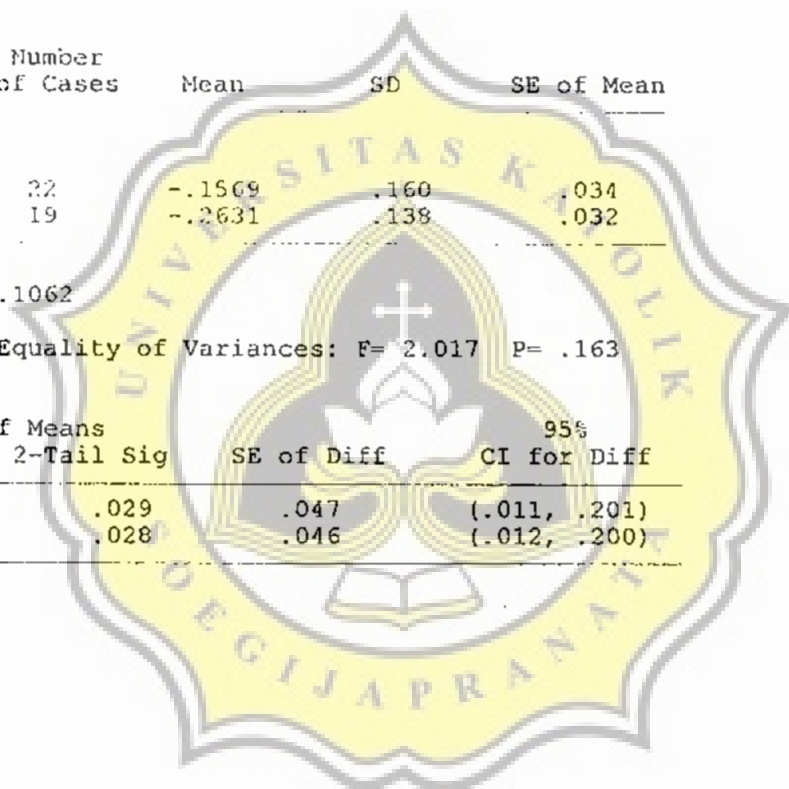
t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.02	41	.988	.103	(-.209, .206)
Not Equal	-.02	40.95	.988	.103	(-.209, .206)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR4				
PBV	22	-.1509	.160	.034
PER	19	-.2631	.138	.032

Mean Difference = .1062

Levene's Test for Equality of Variances: F= 2.017 P= .163

t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	2.26	39	.029	.047	(.011, .201)
Not Equal	2.29	39.00	.028	.046	(.012, .200)



Tests for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
VAR5				
PBV	22	-.1885	.301	.064
PER	16	-.1146	.281	.070

Mean Difference = -.0739

Levene's Test for Equality of Variances: F= .001 P= .977

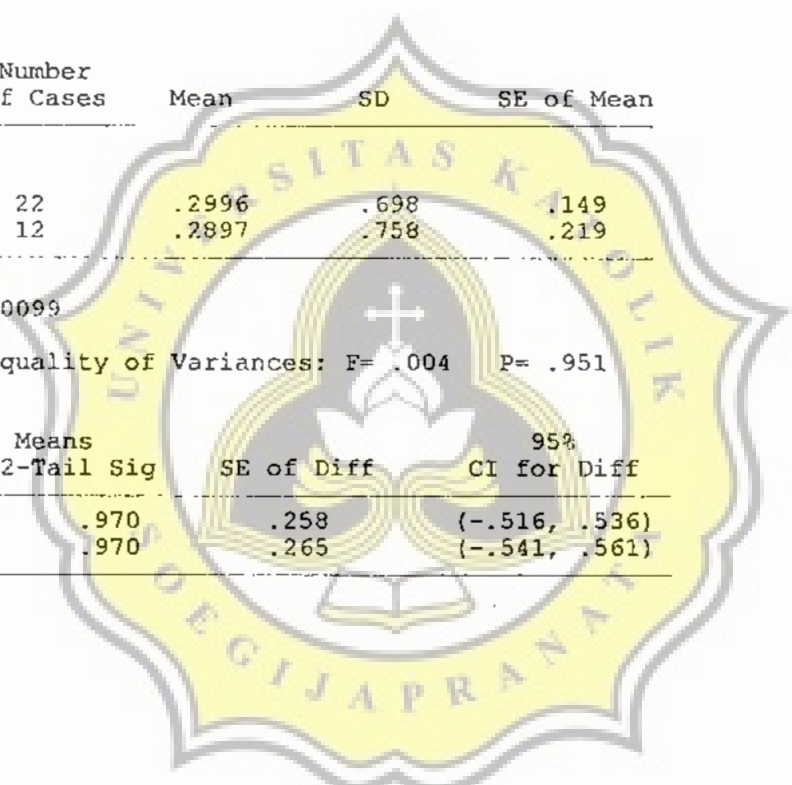
t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.77	36	.447	.096	(-.269, .121)
Not Equal	-.78	33.74	.443	.095	(-.267, .119)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR6				
PBV	22	.2996	.698	.149
PER	12	.2897	.758	.219

Mean Difference = .0099

Levene's Test for Equality of Variances: F= .004 P= .951

t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.04	32	.970	.258	(-.516, .536)
Not Equal	.04	21.16	.970	.265	(-.541, .561)



Tests for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
VAR7				
PBV	17	-.1454	.528	.128
PER	11	-.1345	.164	.050

Mean Difference = -.0110

Levene's Test for Equality of Variances: F= 2.226 P= .148

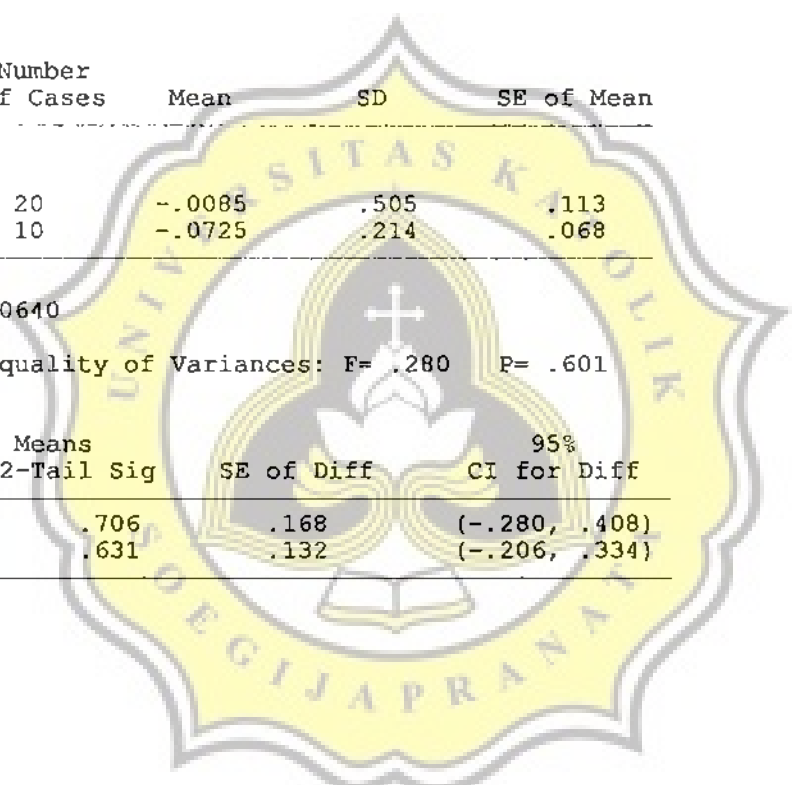
t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.07	26	.948	.165	(-.350, .328)
Not Equal	-.08	20.41	.937	.137	(-.298, .276)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR8				
PBV	20	-.0085	.505	.113
PER	10	-.0725	.214	.068

Mean Difference = .0640

Levene's Test for Equality of Variances: F= .280 P= .601

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.38	28	.706	.168	(-.280, .408)
Not Equal	.49	27.60	.631	.132	(-.206, .334)





ts for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
VAR9				
PBV	20	.0121	.238	.053
PER	10	.0027	.129	.041

Mean Difference = .0094

Levene's Test for Equality of Variances: F= .786 P= .383

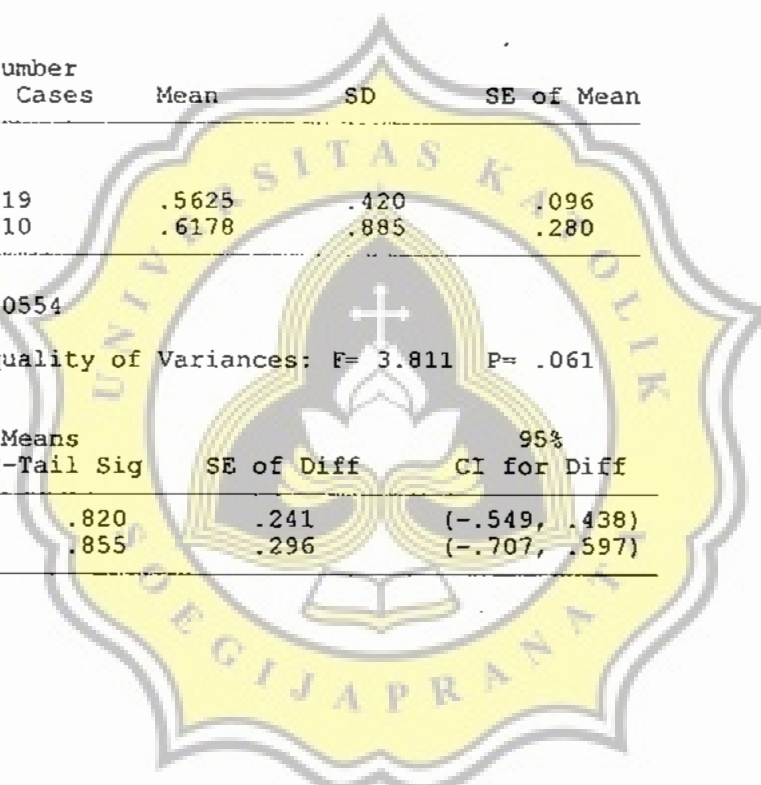
t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
al	.12	28	.908	.081	(-.157, .176)
qual	.14	27.70	.889	.067	(-.128, .147)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR10				
PBV	19	.5625	.420	.1096
PER	10	.6178	.885	.280

Mean Difference = -.0554

Levene's Test for Equality of Variances: F= 3.811 P= .061

t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
al	-.23	27	.820	.241	(-.549, .438)
qual	-.19	11.18	.855	.296	(-.707, .597)



ts for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
VAR11				
PBV	20	.1706	.320	.072
PER	11	.0883	.098	.030

Mean Difference = .0824

Levene's Test for Equality of Variances: F= 3.174 P= .085

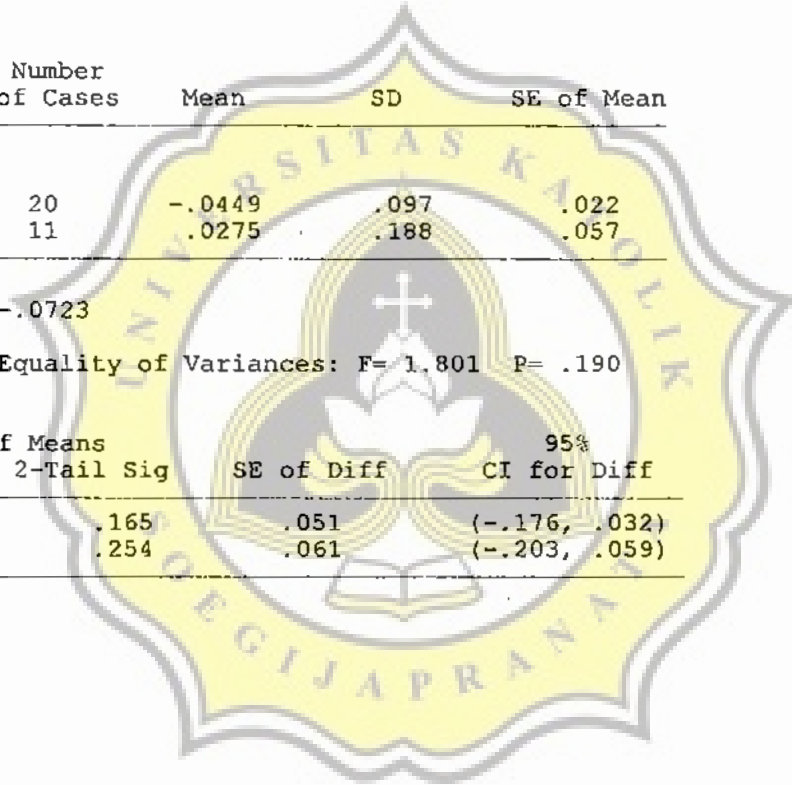
t-test for Equality of Means				95%	
iances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
al	.83	29	.415	.100	(-.121, .286)
qual	1.06	24.69	.298	.077	(-.077, .242)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR12				
PBV	20	-.0449	.097	.022
PER	11	.0275	.188	.057

Mean Difference = -.0723

Levene's Test for Equality of Variances: F= 1.801 P= .190

t-test for Equality of Means				95%	
iances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
al	-1.42	29	.165	.051	(-.176, .032)
qual	-1.19	13.01	.254	.061	(-.203, .059)



Tests for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
<b>VAR13</b>				
PBV	20	.0376	.243	.054
PER	11	-.0086	.236	.071

Mean Difference = .0463

Levene's Test for Equality of Variances: F= .133 P= .718

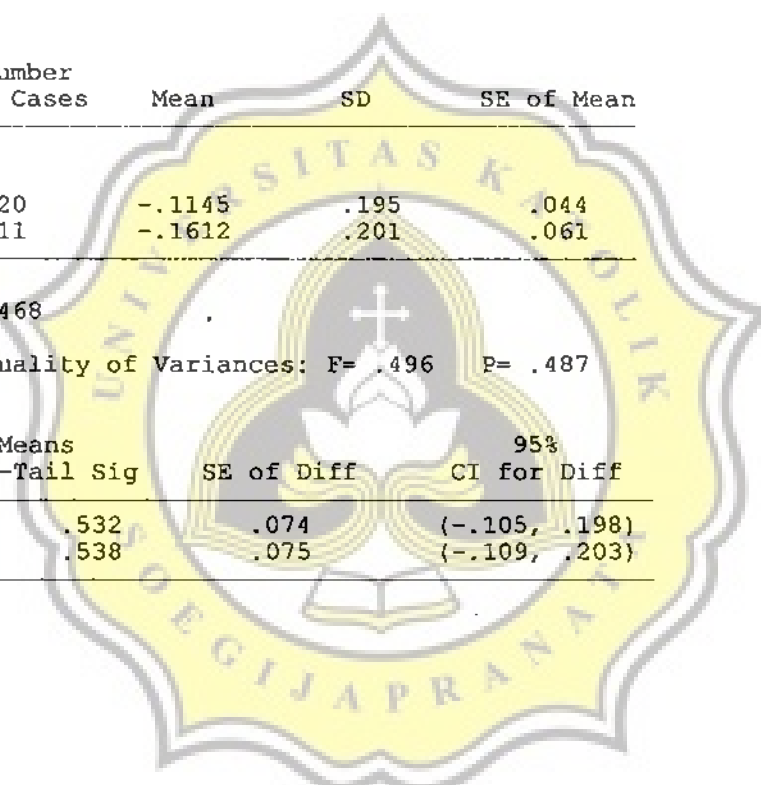
t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.51	29	.612	.090	(-.138, .231)
Not Equal	.52	21.24	.610	.089	(-.140, .232)

Variable	Number of Cases	Mean	SD	SE of Mean
<b>VAR14</b>				
PBV	20	-.1145	.195	.044
PER	11	-.1612	.201	.061

Mean Difference = .0468

Levene's Test for Equality of Variances: F= .496 P= .487

t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.63	29	.532	.074	(-.105, .198)
Not Equal	.63	20.21	.538	.075	(-.109, .203)



ts for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
VAR15				
PBV	20	.4691	.434	.097
PER	11	.3667	.359	.108

Mean Difference = .1024

Levene's Test for Equality of Variances: F= .833 P= .369

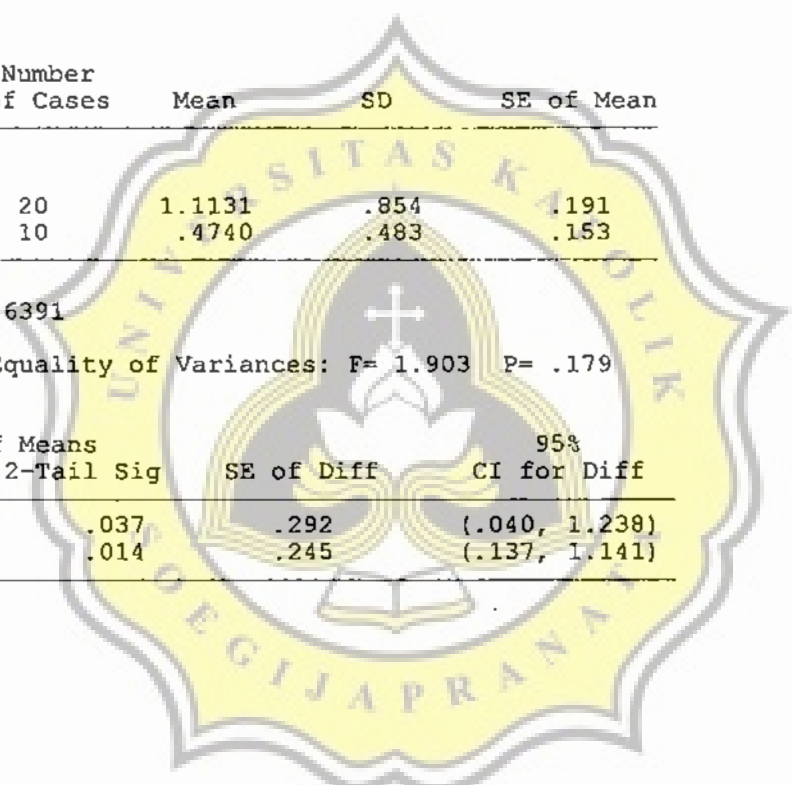
t-test for Equality of Means				
Variances	t-value	df	2-Tail Sig	95% CI for Diff
Equal	.67	29	.511	(-.212, .417)
Not Equal	.70	24.27	.488	(-.198, .403)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR16				
PBV	20	1.1131	.854	.191
PER	10	.4740	.483	.153

Mean Difference = .6391

Levene's Test for Equality of Variances: F= 1.903 P= .179

t-test for Equality of Means				
Variances	t-value	df	2-Tail Sig	95% CI for Diff
Equal	2.19	28	.037	(.040, 1.238)
Not Equal	2.61	27.41	.014	(.137, 1.141)



Tests for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
VAR17				
PBV	17	.6773	.717	.174
PER	9	.5495	.403	.134

Mean Difference = .1278

Levene's Test for Equality of Variances: F= 2.250 P= .147

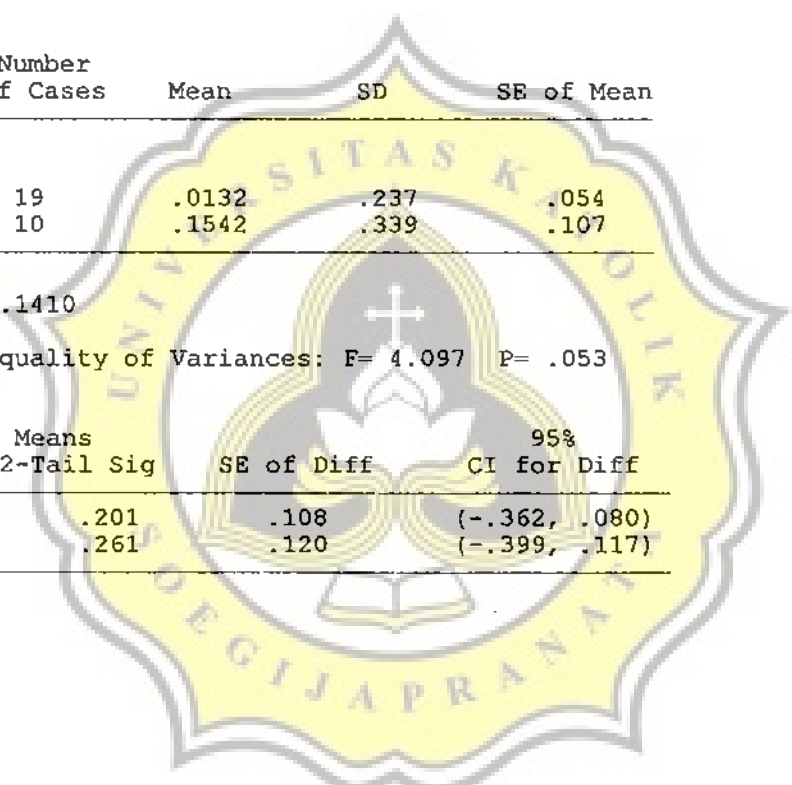
	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal variances assumed	.49	24	.627	.260	(-.408, .664)
Unequal variances assumed	.58	23.83	.566	.220	(-.326, .581)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR18				
PBV	19	.0132	.237	.054
PER	10	.1542	.339	.107

Mean Difference = -.1410

Levene's Test for Equality of Variances: F= 4.097 P= .053

	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal variances assumed	-1.31	27	.201	.108	(-.362, .080)
Unequal variances assumed	-1.17	13.75	.261	.120	(-.399, .117)



Tests for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
<b>VAR19</b>				
PBV	19	.0523	.426	.098
PER	12	.0643	.505	.146

Mean Difference = -.0120

Levene's Test for Equality of Variances: F= .100 P= .754

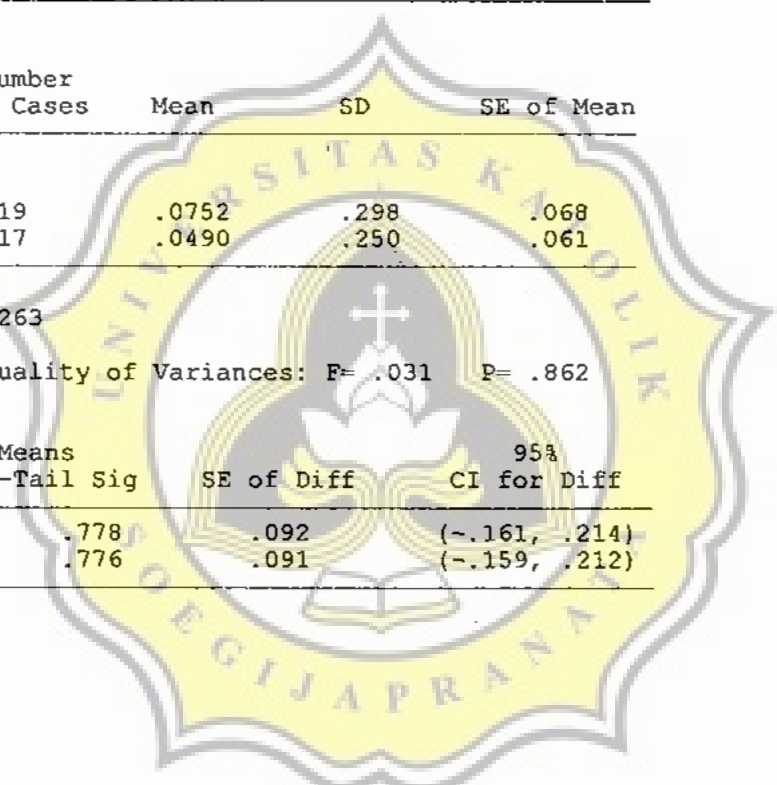
t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.07	29	.944	.169	(-.357, .333)
Not Equal	-.07	20.55	.946	.176	(-.377, .353)

Variable	Number of Cases	Mean	SD	SE of Mean
<b>VAR20</b>				
PBV	19	.0752	.298	.068
PER	17	.0490	.250	.061

Mean Difference = .0263

Levene's Test for Equality of Variances: F= .031 P= .862

t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.28	34	.778	.092	(-.161, .214)
Not Equal	.29	33.88	.776	.091	(-.159, .212)





Tests for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
VAR21				
PBV	20	.3279	.450	.101
PER	19	.2192	.162	.037

Mean Difference = .1087

Levene's Test for Equality of Variances: F= 4.550 P= .040

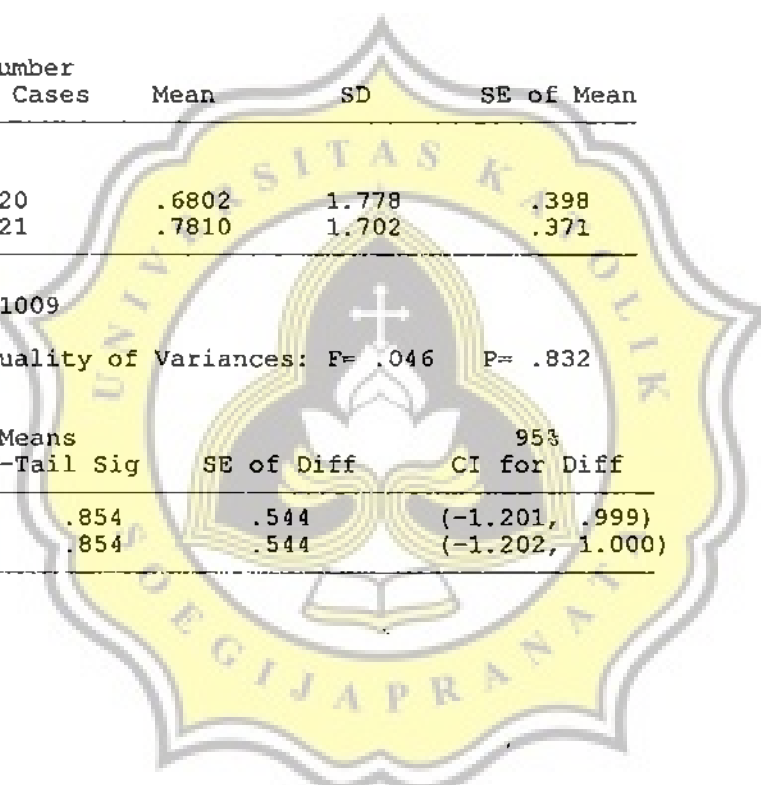
t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.99	37	.327	.109	(-.113, .331)
Not Equal	1.01	24.06	.321	.107	(-.113, .330)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR22				
PBV	20	.6802	1.778	.398
PER	21	.7810	1.702	.371

Mean Difference = -.1009

Levene's Test for Equality of Variances: F= .046 P= .832

t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.19	39	.854	.544	(-1.201, .999)
Not Equal	-.19	38.66	.854	.544	(-1.202, 1.000)



Tests for independent samples of GROUP var011

Variable	Number of Cases	Mean	SD	SE of Mean
VAR23				
PBV	20	.3533	.783	.175
PER	17	.2274	.300	.073

Mean Difference = .1259

Levene's Test for Equality of Variances: F= 1.148 P= .291

t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.62	35	.536	.202	(-.284, .535)
Not Equal	.66	25.26	.513	.190	(-.265, .516)



# LAMPIRAN



sts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR1				
PBV	28	.2996	.861	.163
PER	22	.5547	.892	.190

Mean Difference = -.2550

Levene's Test for Equality of Variances: F= .400 P= .530

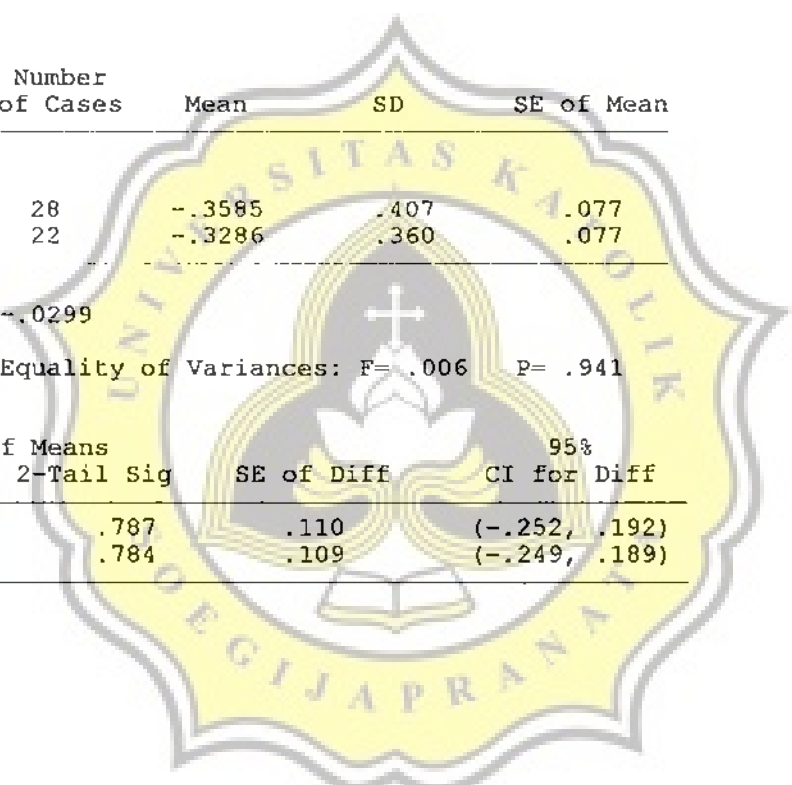
t-test for Equality of Means					95%
riances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
ual	-1.02	48	.311	.249	(-.756, .246)
equal	-1.02	44.47	.314	.250	(-.760, .250)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR2				
PBV	28	-.3585	.407	.077
PER	22	-.3286	.360	.077

Mean Difference = -.0299

Levene's Test for Equality of Variances: F= .006 P= .941

t-test for Equality of Means					95%
riances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
ual	-.27	48	.787	.110	(-.252, .192)
equal	-.28	47.30	.784	.109	(-.249, .189)



ts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR3				
PBV	28	-.4988	.467	.088
PER	22	-.4827	.320	.068

Mean Difference = -.0161

Levene's Test for Equality of Variances: F= .244 P= .624

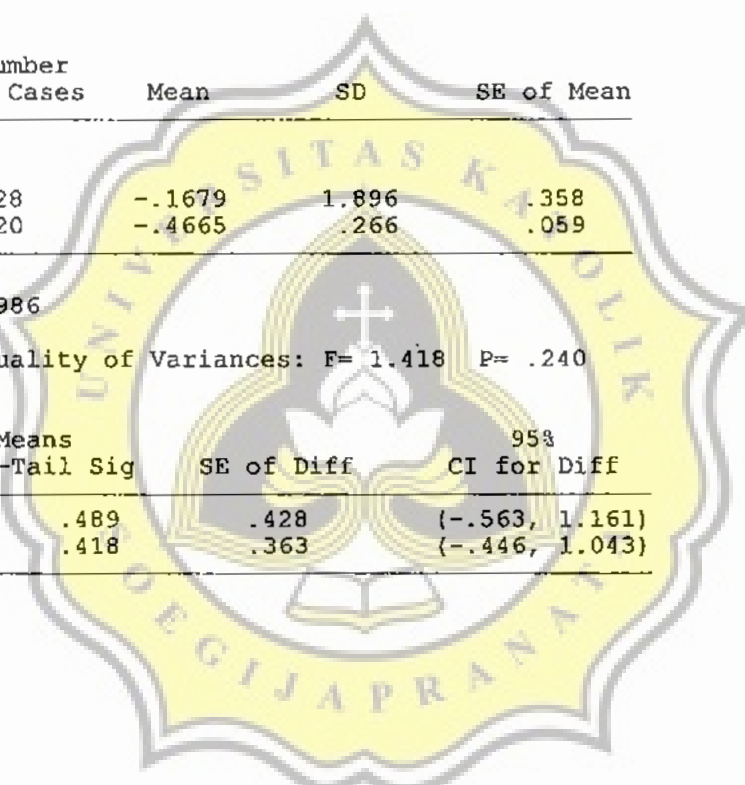
t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.14	48	.890	.117	(-.251, .218)
Not Equal	-.14	47.21	.886	.112	(-.241, .208)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR4				
PBV	28	-.1679	1.896	.358
PER	20	-.4665	.266	.059

Mean Difference = .2986

Levene's Test for Equality of Variances: F= 1.418 P= .240

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.70	46	.489	.428	(-.563, 1.161)
Not Equal	.82	28.48	.418	.363	(-.446, 1.043)



sts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR5				
PBV	28	.0115	.386	.073
PER	17	-.1030	.418	.101

Mean Difference = .1145

Levene's Test for Equality of Variances: F= .137 P= .713

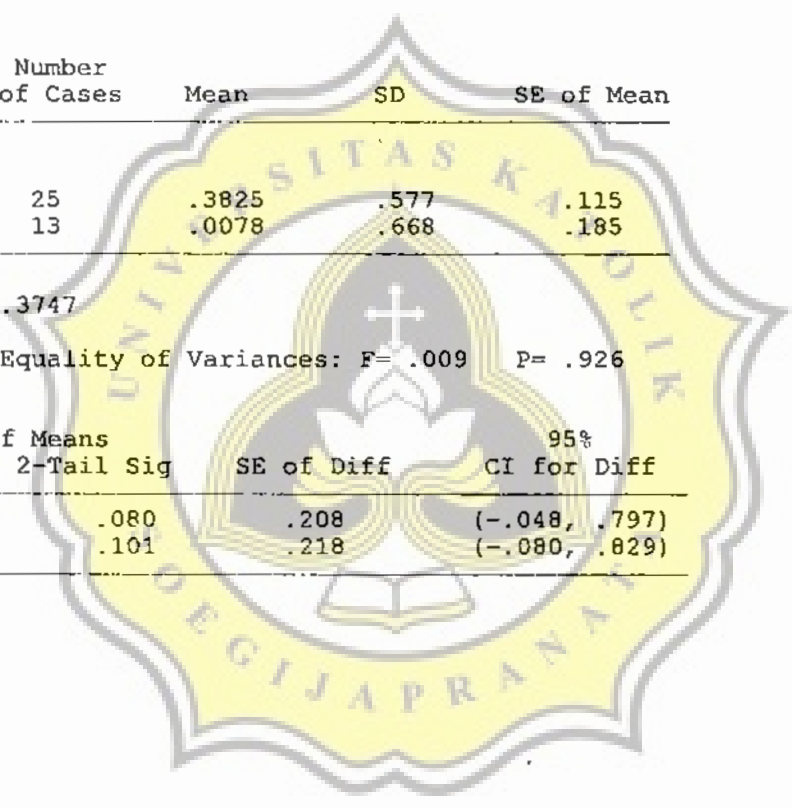
	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	.93	43	.355	.122	(-.133, .361)
Not Equal	.92	31.80	.366	.125	(-.140, .369)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR6				
PBV	25	.3825	.577	.115
PER	13	.0078	.668	.185

Mean Difference = .3747

Levene's Test for Equality of Variances: F= .009 P= .926

	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	1.80	36	.080	.208	(-.048, .797)
Not Equal	1.72	21.50	.101	.218	(-.080, .829)





sts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR7				
PBV	19	-.0462	.336	.077
PER	12	-.2027	.222	.064

Mean Difference = .1565

Levene's Test for Equality of Variances: F= .895 P= .352

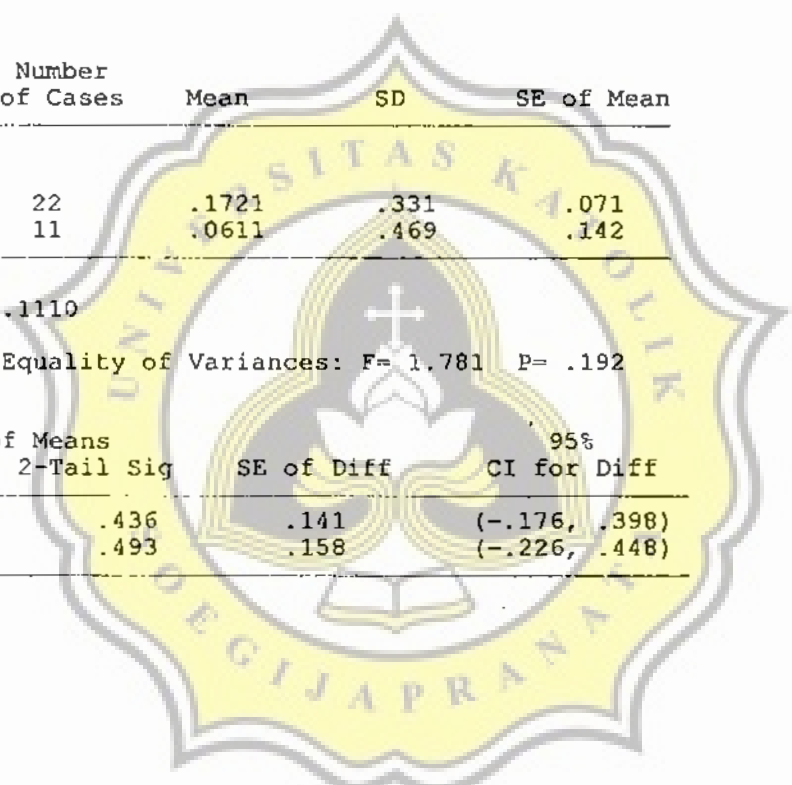
	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	1.43	29	.165	.110	(-.068, .381)
Not Equal	1.56	28.89	.129	.100	(-.049, .362)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR8				
PBV	22	.1721	.331	.071
PER	11	.0611	.469	.142

Mean Difference = .1110

Levene's Test for Equality of Variances: F= 1.781 P= .192

	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	.79	31	.436	.141	(-.176, .398)
Not Equal	.70	15.14	.493	.158	(-.226, .448)



its for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR9				
PBV	22	.1177	.459	.098
PER	11	.2177	.745	.224

Mean Difference = -.1000

Levene's Test for Equality of Variances: F= 1.574 P= .219

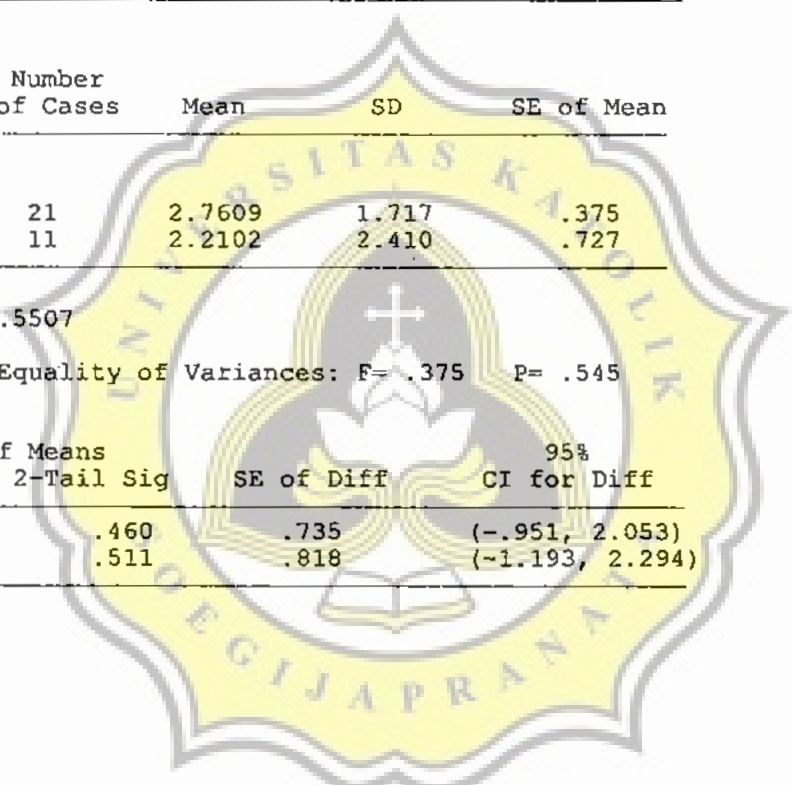
t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.48	31	.636	.209	(-.527, .327)
Not Equal	-.41	13.92	.689	.245	(-.625, .425)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR10				
PBV	21	2.7609	1.717	.375
PER	11	2.2102	2.410	.727

Mean Difference = .5507

Levene's Test for Equality of Variances: F= .375 P= .545

t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.75	30	.460	.735	(-.951, 2.053)
Not Equal	.67	15.48	.511	.818	(-1.193, 2.294)



its for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR11				
PBV	22	1.1806	1.239	.264
PER	12	1.0142	1.510	.436

Mean Difference = .1663

Levene's Test for Equality of Variances: F= .006 P= .937

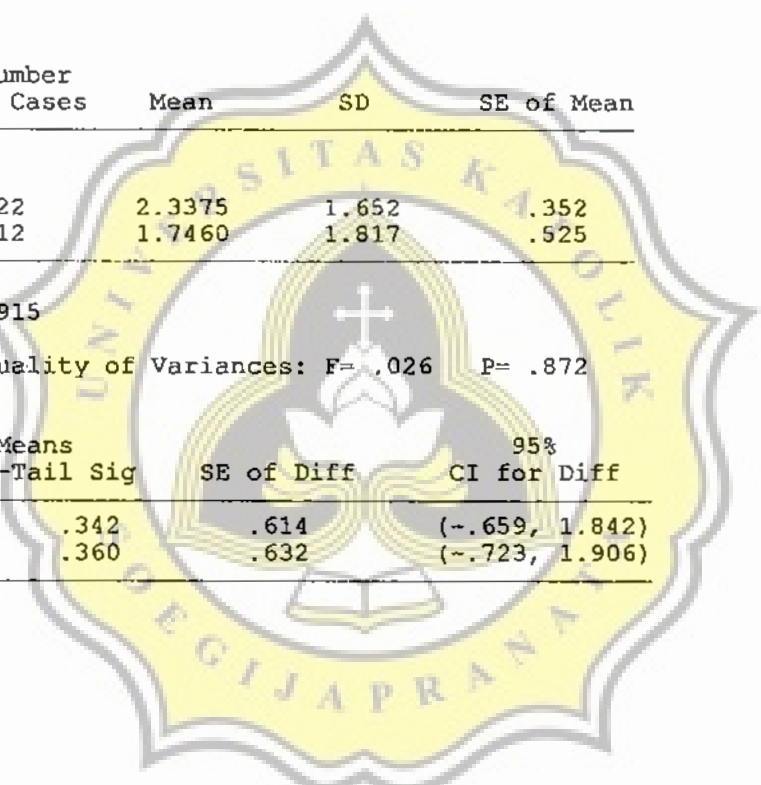
t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.35	32	.731	.480	(-.812, 1.145)
Not Equal	.33	19.21	.748	.510	(-.901, 1.233)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR12				
PBV	22	2.3375	1.652	.352
PER	12	1.7460	1.817	.525

Mean Difference = .5915

Levene's Test for Equality of Variances: F= .026 P= .872

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.96	32	.342	.614	(-.659, 1.842)
Not Equal	.94	20.92	.360	.632	(-.723, 1.906)



ts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR13				
PBV	22	2.6598	2.523	.538
PER	12	2.5266	3.053	.881

Mean Difference = .1332

Levene's Test for Equality of Variances: F= .394 P= .535

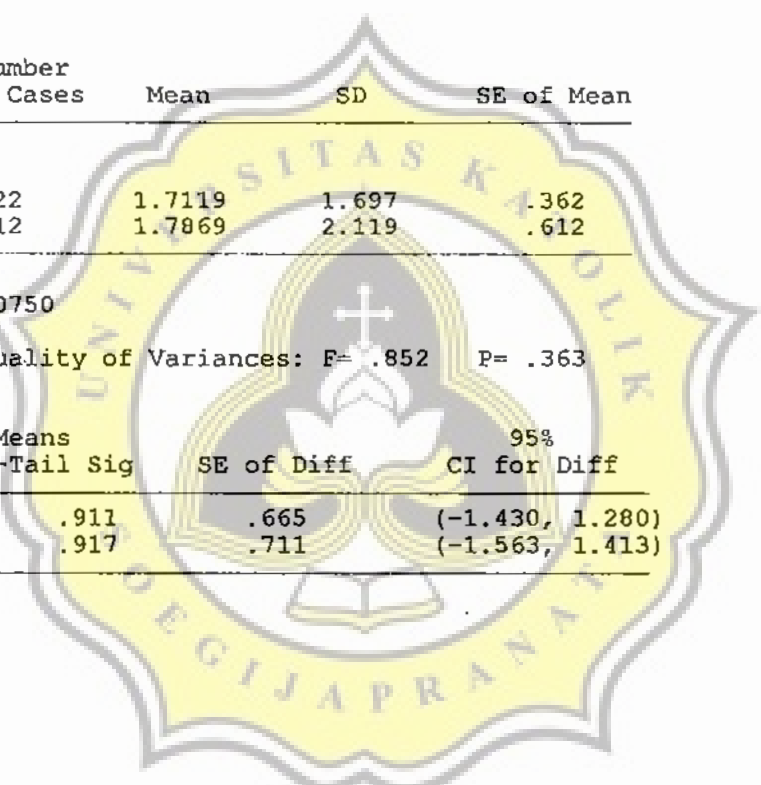
t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.14	32	.892	.975	(-1.853, 2.120)
Not Equal	.13	19.32	.899	1.033	(-2.029, 2.295)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR14				
PBV	22	1.7119	1.697	.362
PER	12	1.7869	2.119	.612

Mean Difference = -.0750

Levene's Test for Equality of Variances: F= .852 P= .363

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.11	32	.911	.665	(-1.430, 1.280)
Not Equal	-.11	18.83	.917	.711	(-1.563, 1.413)



ts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR15				
PBV	22	2.2870	1.543	.329
PER	12	2.1596	1.727	.499

Mean Difference = .1274

Levene's Test for Equality of Variances: F= .187 P= .669

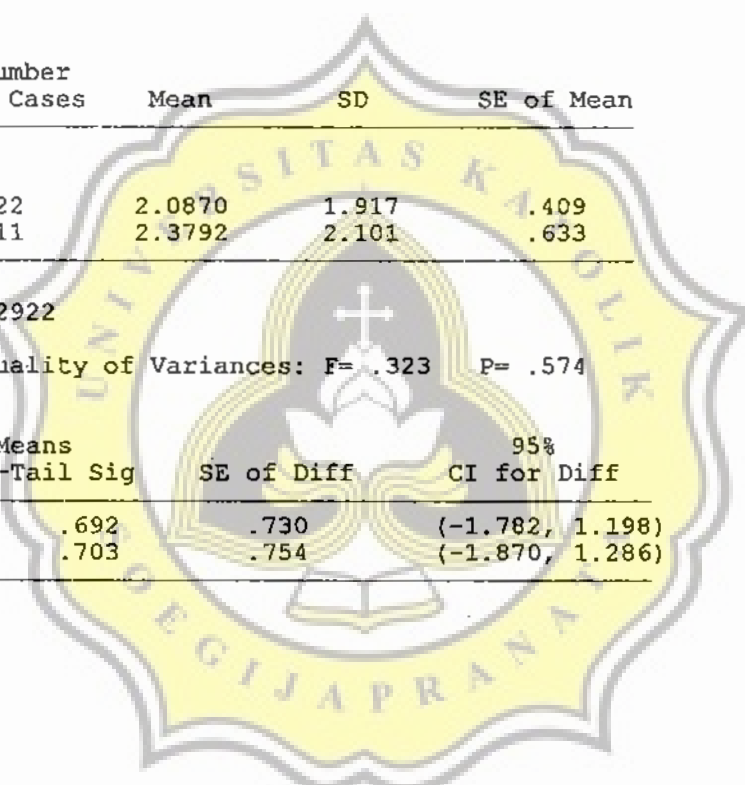
t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
al	.22	32	.827	.577	(-1.049, 1.304)
qual	.21	20.61	.833	.597	(-1.115, 1.370)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR16				
PBV	22	2.0870	1.917	1.409
PER	11	2.3792	2.101	.633

Mean Difference = -.2922

Levene's Test for Equality of Variances: F= .323 P= .574

t-test for Equality of Means				95%	
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
al	-.40	31	.692	.730	(-1.782, 1.198)
qual	-.39	18.53	.703	.754	(-1.870, 1.286)



sts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR17				
PBV	19	.8784	1.397	.321
PER	10	1.1947	1.739	.550

Mean Difference = -.3163

Levene's Test for Equality of Variances: F= .485 P= .492

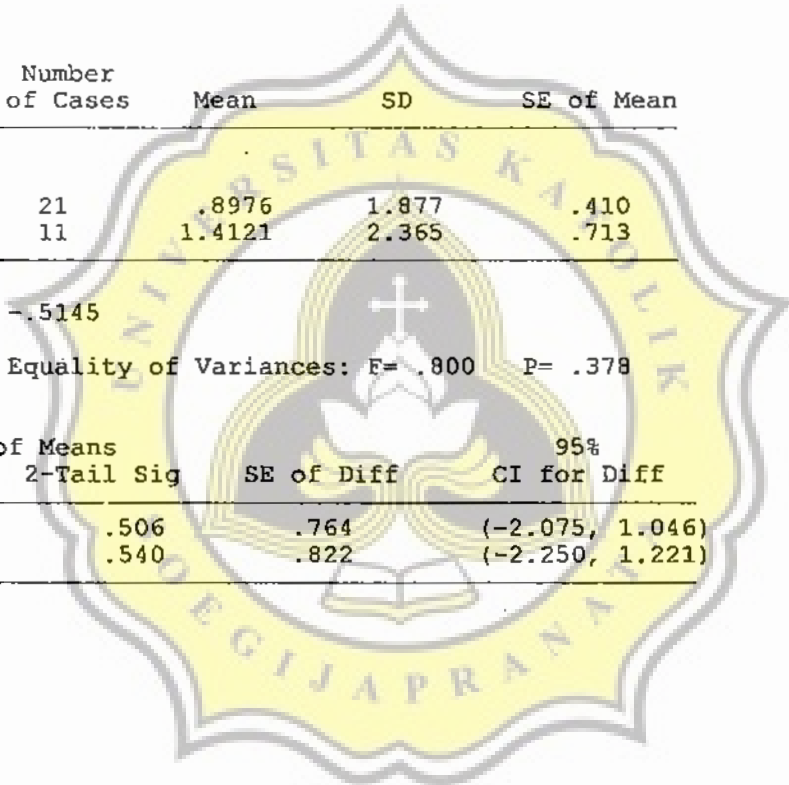
t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
unequal	-.53	27	.599	.594	(-1.535, .902)
equal	-.50	15.27	.626	.637	(-1.674, 1.041)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR18				
PBV	21	.8976	1.877	.410
PER	11	1.4121	2.365	.713

Mean Difference = -.5145

Levene's Test for Equality of Variances: F= .800 P= .378

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
unequal	-.67	30	.506	.764	(-2.075, 1.046)
equal	-.63	16.77	.540	.822	(-2.250, 1.221)





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sts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR1				
PBV	28	.1960	.880	.166
PER	22	.1669	.644	.137

Mean Difference = .0291

Levene's Test for Equality of Variances: F= .300 P= .586

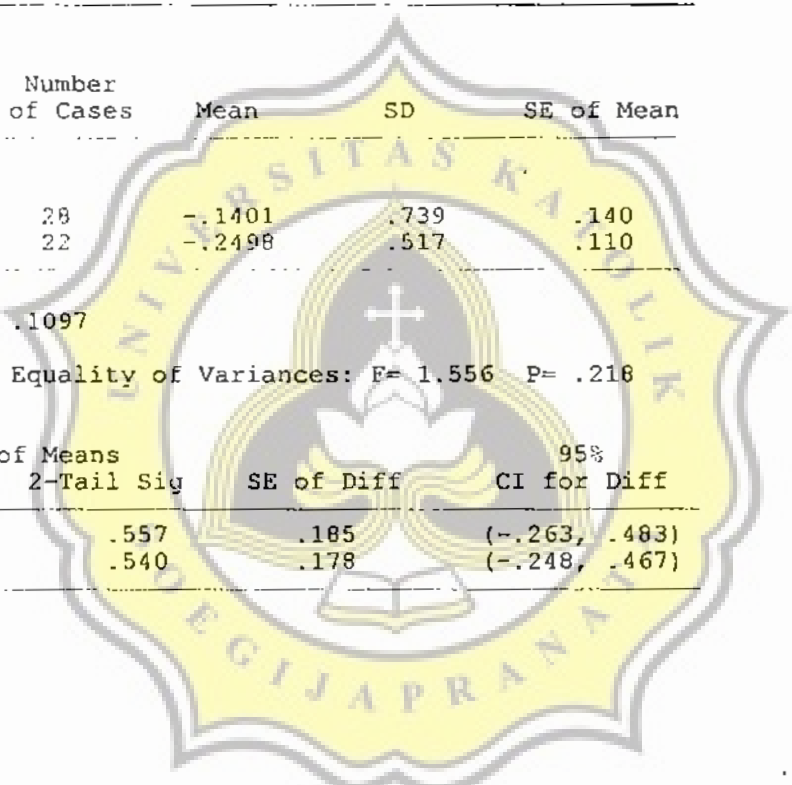
	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
ual	.13	48	.897	.224	(-.421, .479)
equal	.14	47.80	.893	.216	(-.405, .463)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR2				
PBV	28	-.1401	.739	.140
PER	22	-.2498	.517	.110

Mean Difference = .1097

Levene's Test for Equality of Variances: F= 1.556 P= .218

	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
ual	.59	48	.557	.185	(-.263, .483)
equal	.62	47.44	.540	.178	(-.248, .467)



sts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR3				
PBV	28	-.4502	.592	.112
PER	22	-.5464	.285	.061

Mean Difference = .0962

Levene's Test for Equality of Variances: F= 1.285 P= .263

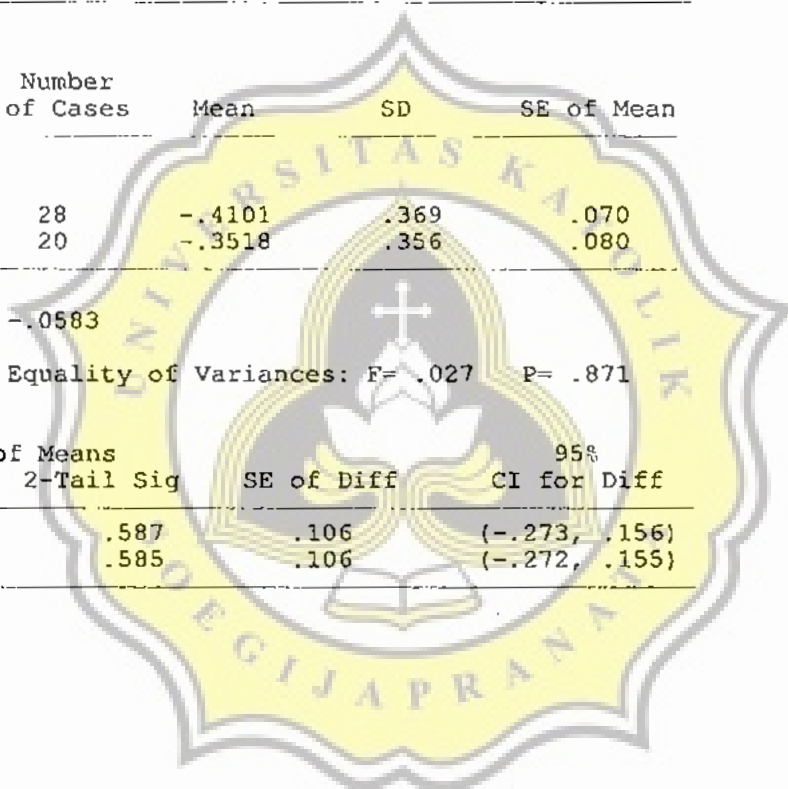
t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
unequal	.70	48	.487	.137	(-.180, .372)
equal	.76	40.77	.454	.127	(-.161, .353)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR4				
PBV	28	-.4101	.369	.070
PER	20	-.3518	.356	.080

Mean Difference = -.0583

Levene's Test for Equality of Variances: F= .027 P= .871

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
unequal	-.55	46	.587	.106	(-.273, .156)
equal	-.55	41.97	.585	.106	(-.272, .155)



Tests for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR5				
PBV	28	1.0566	1.441	.272
PER	17	.8808	1.788	.434

Mean Difference = .1758

Levene's Test for Equality of Variances: F= .175 P= .678

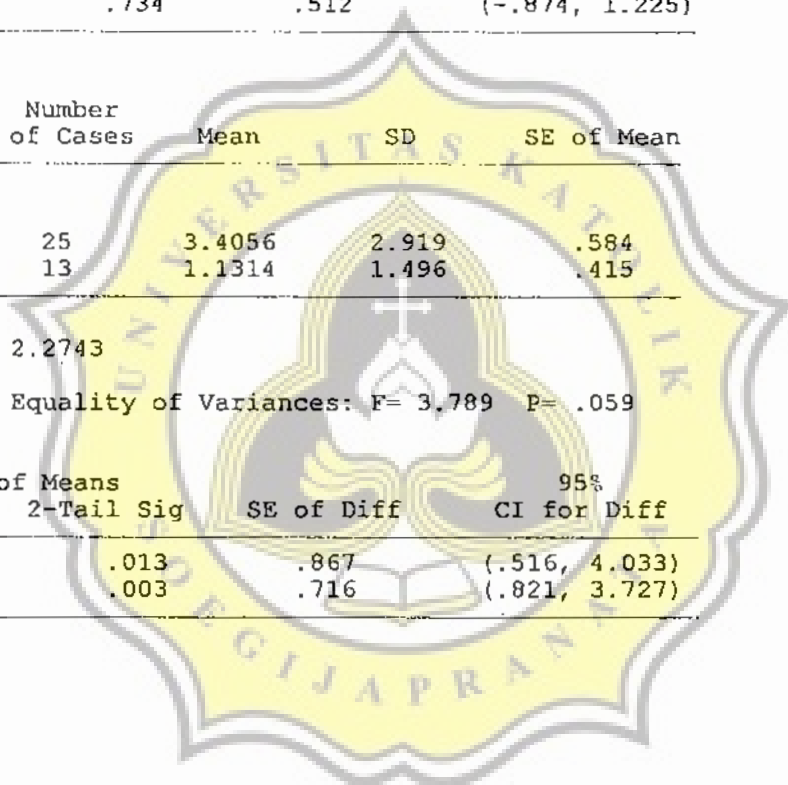
t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
unequal	.36	43	.719	.486	(-.804, 1.155)
equal	.34	28.48	.734	.512	(-.874, 1.225)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR6				
PBV	25	3.4056	2.919	.584
PER	13	1.1314	1.496	.415

Mean Difference = 2.2743

Levene's Test for Equality of Variances: F= 3.789 P= .059

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
unequal	2.62	36	.013	.867	(.516, 4.033)
equal	3.18	36.00	.003	.716	(.821, 3.727)



sts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR7				
PBV	19	1.2391	1.407	.323
PER	12	.5160	.662	.191

Mean Difference = .7232

Levene's Test for Equality of Variances: F= 7.219 P= .012

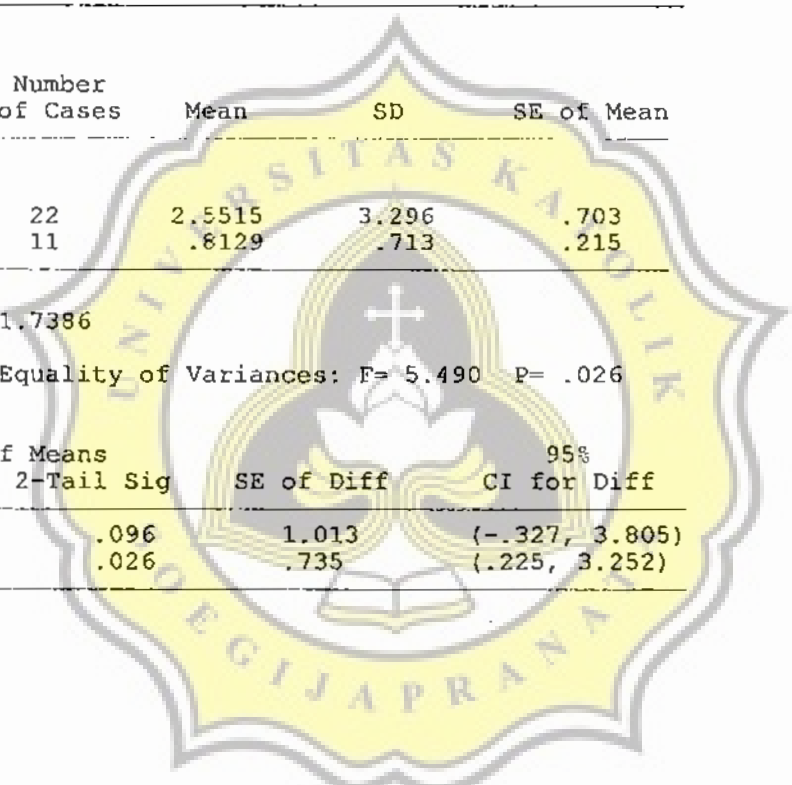
t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
unequal	1.66	29	.108	.436	(-.168, 1.614)
equal	1.93	27.33	.064	.375	(-.047, 1.493)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR8				
PBV	22	2.5515	3.296	.703
PER	11	.8129	.713	.215

Mean Difference = 1.7386

Levene's Test for Equality of Variances: F= 5.490 P= .026

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
unequal	1.72	31	.096	1.013	(-.327, 3.805)
equal	2.37	24.66	.026	.735	(.225, 3.252)



sts for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR9				
PBV	22	2.2117	2.560	.546
PER	11	1.0468	.439	.132

Mean Difference = 1.1649

Levene's Test for Equality of Variances: F= 6.442 P= .016

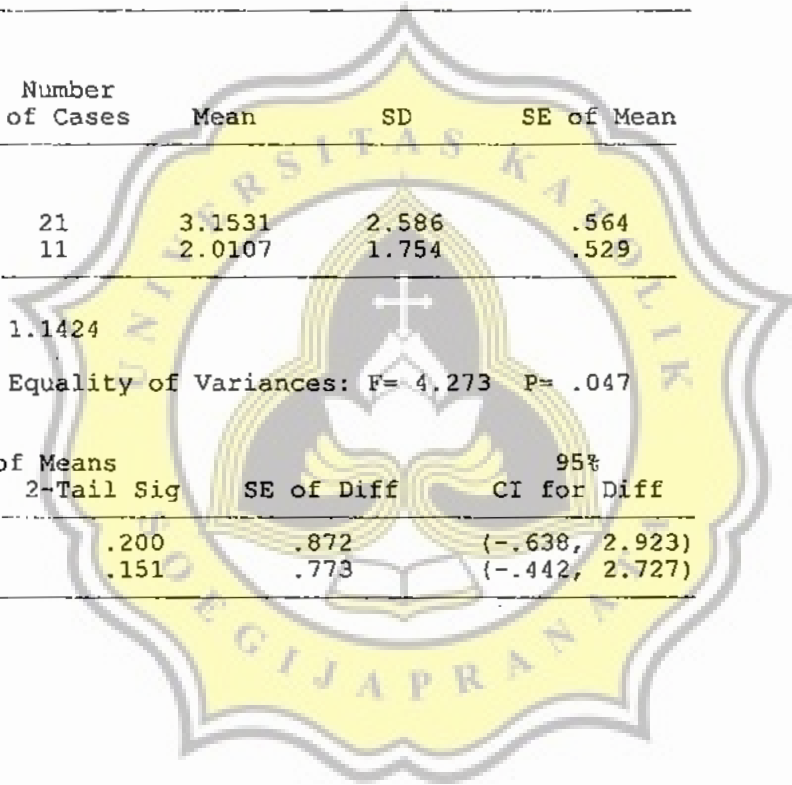
t-test for Equality of Means					95%
riances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
ual	1.49	31	.147	.783	(-.433, 2.763)
equal	2.07	23.37	.049	.562	(.003, 2.327)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR10				
PBV	21	3.1531	2.586	.564
PER	11	2.0107	1.754	.529

Mean Difference = 1.1424

Levene's Test for Equality of Variances: F= 4.273 P= .047

t-test for Equality of Means					95%
riances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
ual	1.31	30	.200	.872	(-.638, 2.923)
equal	1.48	27.75	.151	.773	(-.442, 2.727)



Tests for independent samples of GROUP group

Variable	Number of Cases	Mean	SD	SE of Mean
VAR11				
PBV	22	2.6111	3.470	.740
PER	12	4.0083	4.640	1.340

Mean Difference = -1.3971

Levene's Test for Equality of Variances: F= 2.631 P= .115

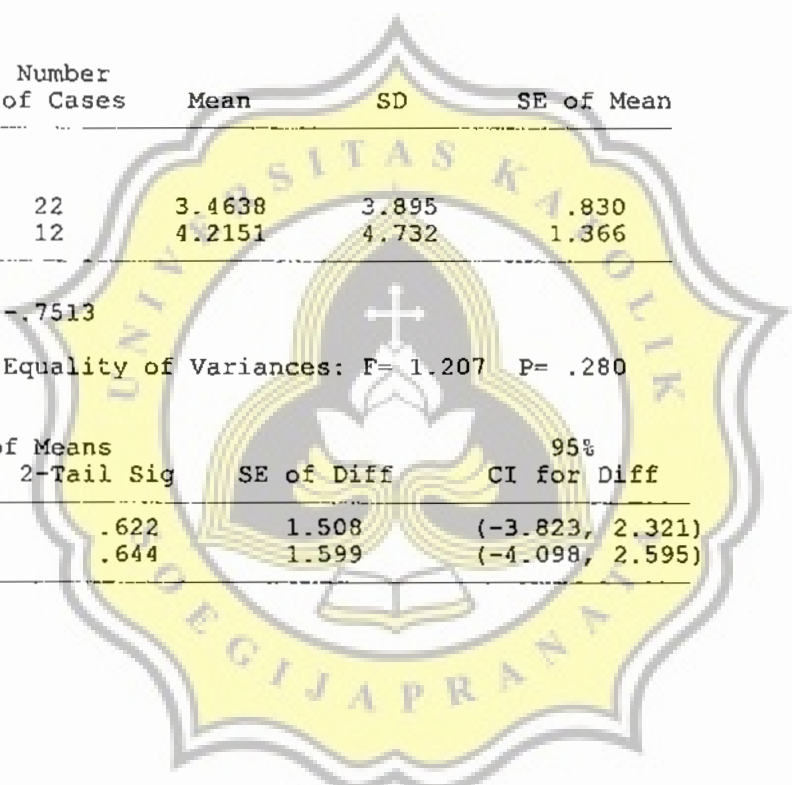
t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
unequal	-1.00	32	.327	1.404	(-4.257, 1.463)
equal	-.91	17.86	.373	1.530	(-4.613, 1.819)

Variable	Number of Cases	Mean	SD	SE of Mean
VAR12				
PBV	22	3.4638	3.895	1.830
PER	12	4.2151	4.732	1.366

Mean Difference = -.7513

Levene's Test for Equality of Variances: F= 1.207 P= .280

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
unequal	-.50	32	.622	1.508	(-3.823, 2.321)
equal	-.47	19.26	.644	1.599	(-4.098, 2.595)





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- - - t-tests for paired samples - - -

Variable	Number of pairs	Corr	2-tail Sig	Mean	SD	SE of Mean
71	23	.925	.000	.2232	.346	.072
81				.1727	.283	.059

Variable	Paired Differences		t-value	df	2-tail Sig
	SD	SE of Mean			
0505	.136	.028	1.78	22	.089
CI (-.008, .109)					



- - - t-tests for paired samples - - -

Variable	Number of pairs	Corr	2-tail Sig	Mean	SD	SE of Mean
6	18	.964	.000	.9285	1.107	.261
6				.8715	1.073	.253

n	Paired Differences		t-value	df	2-tail Sig
	SD	SE of Mean			
570	.294	.069	.82	17	.422
CI (-.089, .203)					



- - - t-tests for paired samples - - -

Variable	Number of pairs	Corr	2-tail Sig	Mean	SD	SE of Mean
6	18	.964	.000	1.9285	1.107	.261
6				.8715	1.073	.253

Variable	Paired Differences		t-value	df	2-tail Sig
	SD	SE of Mean			
0570	.294	.069	.82	17	.422
CI (-.089, .203)					

