

## DAFTAR PUSTAKA

- Altman, Edward, *Financial Ratio Discriminant Analysis and The Prediction of Corporate Bankruptcy*, *Journal of Finance* 23, 589, 609
- Brigham Eugene F and Gapenski Louis C, 1996, *Intermediate Financial Management*, The Dryden Press.
- Cooper, Donald R and Emory C William, 1996, *Metode Penelitian Bisnis Jilid 1*, Edisi Kelima, terjemahan Ellen Gunawan, Imam Murmawan, Penerbit Erlangga Jakarta.
- Copeland, E. Thomas and Weston, J Fred, 1996, *Manajemen Keuangan Jilid 1*, Edisi Kesembilan, terjemahan Ajaka Wasana, Kibrandoko, Bina Akasara, Jakarta.
- Dumairy, 1997, *Perekonomian Indonesia*, Penerbit Erlangga, Jakarta.
- Foster, George, 1986, *Financial Statement Analysis*, 2 nd Edition, Prentice Hall.
- Francis, Jack, Clark, 1988, *Management of Investments*, Second Edition, McGraw-Hill International Editions.
- Fuller, Russell J and Farrell, James L, 1987, *Modern Investment and Security Analysis*, McGraw-Hill International Editions.

## **LAMPIRAN-LAMPIRAN**

LAPORAN KEUANGAN  
(PERIODE 1990-2003)

Item	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Puang Bersih	52495500	76327500	228656150	400434150	552707500	699505750	776161500	811395250	877137500	1062375400	1271852900	1322522900	1322530000	1322675000
Persediaan:														
*Bahan Baku	13510500	20789500	36432500	36480500	39978500	49976500	55229000	63921500	71023500	78915000	79489000	84491000	84500000	84523000
*Barang dim proses	129964500	130679000	131952000	133975000	134023000	135830500	150923500	167692500	186325000	193675000	196375000	208450000	208450000	276345000
*Barang jadi	995134000	995675000	996700000	997500000	1006500500	1014768000	1127520000	1252800000	1392000000	1437000000	1475000000	1625000000	2089500000	2536975000
*Suku Cadang	3086000	7106500	16118500	25465500	34183500	41315000	45905500	59895500	66550500	73945000	80635000	106904000	106012000	106912000
Aktiva Lancar	1220881650	1295038950	1517840150	1743416150	1968659650	2200371750	2431589000	2667404250	2950240000	3245416400	3553382900	3865271900	4386503900	4835259900
Nilai Bersih Peralatan	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T. Aktiva Tetap	2244095000	2267042000	2142339000	2017836000	1892933000	1766230000	167114000	1546411000	1421708000	1297005000	1167957000	1043166000	916600000	916600000
Total Aktiva	3454976650	3562080650	3660179150	3761052150	3861592650	3969601750	4102703000	4213816250	4371348000	4542421400	4721339900	4908437900	5303103900	5751689900
Hutang Lancar:														
*Hutang Dagang	178758500	178965500	179004000	179059500	179655000	179950500	199944500	200095500	200178500	200198000	200372000	200375000	252500000	343104600
*Hutang Biaya	15299000	15300500	15305500	15453500	15457500	15507500	17231000	17286500	17574500	17638000	17640000	17643000	26345000	60345000
*Hutang Pajak	48865000	49015000	49305000	51050500	51055000	51171500	56857900	57619000	58695000	58790000	58795000	58904000	87350000	105350000
Passiva Lancar	243022500	243281000	243614500	245263500	246167500	246629500	274033000	275001000	276448000	276628000	276807000	276822000	366195000	508799600
Modal Sendiri	2991454150	3098299650	3186064650	3264988650	3384925150	3491472250	3598170000	3708314250	3865000000	4035295400	4214032900	4401115900	4709408900	5012560300
Penjualan	2717732500	3191654000	3457392500	3793770500	4106185000	4446260500	4751401000	5201556500	5880965000	6421675000	6706880000	6984750000	6978625000	7567537500
HPP	2219372500	2629247500	2856685000	3106227000	3386953000	3664481700	3895427500	4315113250	4781430500	5412641000	5678560000	5794021000	6738737000	6313077500
Biaya Penjualan	96287500	110298000	127852000	136169500	151301000	166110000	186789500	207543500	210791000	256228000	259241000	293673000	303290000	303921000
Biaya Karyawan	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biaya Bunga	6959500	7732500	8592000	9547000	10607500	11785500	13095600	14550500	15675000	17964000	19167000	20830000	25166000	27682600
Biaya Tenaga Kerja	666976000	743308500	825898500	917665500	1019628000	1132950000	1258800000	1398667500	1554075000	1726750000	1845965000	1975850000	2025750000	2215250000
Biaya Gaji:														
*Terfingi	1000000	1100000	1250000	1350000	1450000	1550000	1650000	1950000	2050000	2425000	2500000	2750000	2825000	2950000
Terendah	375000	470000	485000	495000	510000	525000	545000	555000	575000	625000	710000	756000	787000	797000
Laba Kotor Operas:	498360000	562408500	598707500	647543500	721232000	781778900	859735000	886443250	1099534500	1008734000	1028280000	1090769000	1239888000	1254460000
Laba Bersih (before tax)	96020000	96845500	97765000	98924000	99936500	106547100	106697750	110144250	156885750	170295400	178737500	187083000	306293000	306151400

## **LAMPIRAN- 1**

DATA RASIO-RASIO PROFITABILITAS PERUSAHAAN PERIODE 1990-2003

Kode	Variabel	Tahun	Rasio	R NORMAL	R KINERJA	Rasio Terendah (%)	Rasio Tertinggi (%)	
X1 1	ROI	1990	0,027711586				1,039299761	
		1991	0,027187902					
		1992	0,026710441					
		1993	0,026302214					
		1994	0,025879607			0,970592909		
		1995	0,026847516					
		1996	0,026006696	0,026683709				
		1997	0,026138842					
		1998	0,035843806					
		1999	0,037490005					
		2000	0,037857388			0,925602568		
		2001	0,03811457					
		2002	0,057568736					1,407644473
		2003	0,053226505		0,040891435			
	<b>Rata-Rata</b>	<b>0,033777657</b>			<b>0,848197739</b>	<b>1,223672117</b>		
X1 2	GPMR	1990	0,183373456				1,037653407	
		1991	0,176211613					
		1992	0,173167351					
		1993	0,172504819			0,976339314		
		1994	0,175559767					
		1995	0,175828394					
		1996	0,180151812	0,176685314				
		1997	0,170418845					
		1998	0,186964979					1,1189233
		1999	0,157082693					
		2000	0,153319368			0,917565488		
		2001	0,158431702					
		2002	0,177669383					
		2003	0,165768587		0,187093651			
	<b>Rata-Rata</b>	<b>0,171889483</b>			<b>0,848952401</b>	<b>1,078398363</b>		
X1 3	OPMR	1990	0,183373456				1,037853407	
		1991	0,176211613					
		1992	0,173167351					
		1993	0,172504819			0,976339314		
		1994	0,175559767					
		1995	0,175828384					
		1996	0,180151812	0,176685314				
		1997	0,170418845					
		1998	0,186964979					1,1189233
		1999	0,157082693					
		2000	0,153319368			0,917565488		
		2001	0,158431702					
		2002	0,177669383					
		2003	0,165768587		0,187093651			
	<b>Rata-Rata</b>	<b>0,171889483</b>			<b>0,848952401</b>	<b>1,078398363</b>		
X1 4	NPMR	1990	0,036330924				1,294510599	
		1991	0,030343358					
		1992	0,02827709					
		1993	0,026353236					
		1994	0,024326193					
		1995	0,023963306					
		1996	0,022456061	0,027292881		0,822780885		
		1997	0,021175248			0,697987329		
		1998	0,026642864					
		1999	0,028518844					
		2000	0,026649992					
		2001	0,027173378					0,89570017
		2002	0,04374687					
		2003	0,040455881		0,030337583			
	<b>Rata-Rata</b>	<b>0,028816232</b>			<b>0,760384107</b>	<b>1,095106385</b>		
X1 5	ROE	1990	0,032098102				1,050184266	
		1991	0,031358842					
		1992	0,03068519					
		1993	0,030113955					
		1994	0,029523991			0,965964625		
		1995	0,030516382					
		1996	0,029853338	0,030564257				
		1997	0,029701973			0,843078067		
		1998	0,040539651					
		1999	0,042201471					
		2000	0,042414633					
		2001	0,042508083					
		2002	0,064867504					1,404447797
		2003	0,061076851		0,046181195			
	<b>Rata-Rata</b>	<b>0,038375726</b>			<b>0,804621366</b>	<b>1,227316032</b>		
X1 6	SAAS	1990	27,37786798				1,066302025	
		1991	28,93664436					
		1992	27,04214639					
		1993	27,5668964					
		1994	27,1523982					
		1995	28,44851883					
		1996	25,43719535	27,13736106		0,937348939		
		1997	25,0624891					
		1998	27,89950709					1,114397202
		1999	25,06234682					
		2000	25,87110064					
		2001	23,44372623					
		2002	23,00974315			0,919084101		
		2003	24,8996861		25,0355143			
	<b>Rata-Rata</b>	<b>26,09644786</b>			<b>0,92821852</b>	<b>1,090349813</b>		

## **LAMPIRAN- 2**

DATA RASIO-RASIO PRODUKTIFITAS PERUSAHAAN PERIODE 1990-2003

Kode	Varabel	Tahun	Rasio	R.NORMAL	R.KINERJA	Rasio Terendah (%)	Rasio Tertinggi (%)
X2.1	SPE	1990	27123076,84			0,719891108	
		1991	31852834,33				
		1992	34504815,17				
		1993	37462779,44				
		1994	40998850,3				
		1995	44373857,29				
		1996	47419171,66	37676641			1,258582782
		1997	51911741,52			0,797748796	
		1998	58882285,47				
		1999	64088572,85				
		2000	68934630,74				
		2001	68710479,04				
		2002	69646966,09				
		2003	75524326,35		65072710,29		1,160614427
	Rata-Rata	61374676,65			0,758820453	1,209598804	
X2.2	ELSR	1990	45295541,67			0,719891108	
		1991	53194233,33				
		1992	57623208,33				
		1993	62562841,67				
		1994	68489750				
		1995	74104341,67				
		1996	79190016,67	62919990,48			1,258582782
		1997	86682608,33				
		1998	98018083,33				0,901948992
		1999	107027916,7			0,984876342	
		2000	111780833,3				
		2001	114746500				
		2002	116310416,7				
		2003	126125625		108671426,2		
	Rata-Rata	86795708,33			0,892383726	1,080265887	

## **LAMPIRAN- 3**



DATA RASIO-RASIO UTILISASI PERUSAHAAN PERIODE 1990-2003

Kode	Variabel	Tahun	Rasio	R.NORMAL	R.KNERJA	Rasio Terendah (%)	Rasio Tertinggi (%)
X3.1	TATO	1990	0,784343669				
		1991	0,896008348			0,788246119	
		1992	0,944596523				
		1993	0,998063933				
		1994	1,063857681				
		1995	1,120369457				
		1996	1,158114784	0,995049199			1,163876907
		1997	1,234405448			0,914542491	
		1998	1,345343587				
		1999	1,413711859				
		2000	1,420639538				1,05244494
		2001	1,402643802				
		2002	1,315951023				
		2003	1,315667911		1,349751881		
	Rata-Rata	1,17240054			0,851394305	1,108160924	
X3.2	WCTO	1990	2,226040911				
		1991	2,464524128				1,13624719
		1992	2,27783703				
		1993	2,153112153				
		1994	2,06679291				
		1995	2,02068605				
		1996	1,954031294	2,169003487		0,900888955	
		1997	1,950044317				
		1998	1,993385284				1,094684812
		1999	1,878690823				
		2000	1,86745491				
		2001	1,781191641				
		2002	1,590930992				
		2003	1,585073575		1,820967335	0,859473723	
	Rata-Rata	1,994985416			0,880181339	1,115466001	
X3.3	ARTO	1990	51,77077063				2,64695395
		1991	40,74755354				
		1992	15,10714169				
		1993	9,374251672				
		1994	7,432837441				
		1995	6,356288708				
		1996	6,121507663	19,55862165		0,31298257	
		1997	6,41063219				
		1998	6,704724174				1,153298678
		1999	6,102076312				
		2000	5,273290645				
		2001	5,205800217			0,895464504	
		2002	5,276723401				
		2003	5,721388474		5,813519343		
	Rata-Rata	12,6860766			0,172835298	0,542893233	
X3.4	ITO	1990	2,230224774			0,733483564	
		1991	2,840668391				
		1992	2,868149895				
		1993	3,11401203				
		1994	3,385078308				
		1995	3,611152204				1,187647461
		1996	3,454863328	3,040592704			
		1997	3,4443752				
		1998	3,434935704				
		1999	3,766834377				
		2000	3,849871186				1,156789451
		2001	3,565551385				
		2002	2,746464226				
		2003	2,486427162		3,328065606	0,747709788	
	Rata-Rata	3,184329155			0,740596866	1,172218456	
X3.5	FATO	1990	1,211059469			0,622365464	
		1991	1,407949524				
		1992	1,61384006				
		1993	1,860479541				
		1994	2,170274912				
		1995	2,514528108				
		1996	2,843253662	1,945897611			1,461152758
		1997	3,363631337			0,579033537	
		1998	4,136549137				
		1999	4,951156703				
		2000	5,742377502				
		2001	6,59989877				
		2002	7,813599171				
		2003	8,256095898		5,809044074		1,421246624
	Rata-Rata	3,977470842			0,600699501	1,441200691	

## **LAMPIRAN- 4**

DATA RASIO-RASIO STABILITAS PERUSAHAAN PERIODE 1990-2003

Kode	Variabel	Tahun	Rasio	R.NORMAL	R.KINERJA	Rasio Terendah (%)	Rasio Tertinggi (%)
X4.1	FA to LDNW	1990	0,750168606				1,22093428
		1991	0,734074493				
		1992	0,872409143				
		1993	0,814198774				
		1994	0,559224476				
		1995	0,506442519				
		1996	0,464434421	0,614421777		0,755388607	
		1997	0,417011854				0,20670764
		1998	0,367841656				
		1999	0,321415131				
		2000	0,277158966				
		2001	0,23702307				
		2002	0,194755709				
		2003	0,182860643	1,968067026		0,091518773	
	Rata-Rata	0,449929962			0,42370369	0,71482096	
X4.2	DER	1990	0,081238919				1,071448543
		1991	0,078775063				
		1992	0,07646251				
		1993	0,074753226				
		1994	0,072724651				
		1995	0,07063769			0,931630318	
		1996	0,078158992	0,075821577			
		1997	0,074157855				
		1998	0,071526003				
		1999	0,068551611				
		2000	0,065666957				
		2001	0,062898139			0,843246253	
		2002	0,077807731				1,04313226
		2003	0,101504904	0,074390476			
	Rata-Rata	0,076206026			0,887438285	1,057290402	
X4.3	QR	1990	0,928919664			0,312454013	
		1991	1,230526223				
		1992	2,139200048				
		1993	3,037569305				
		1994	3,908554744				
		1995	4,807228021				1,516977193
		1996	4,758802772	2,972970825			
		1997	5,143996749				
		1998	5,63664776				
		1999	6,537405739				
		2000	7,508418862				
		2001	8,092824631				1,296066788
		2002	8,272624968				
		2003	4,51707293	6,244141663		0,723409745	
	Rata-Rata	4,80856244			0,517931879	1,456521991	
X4.4	CR	1990	5,02373916			0,710866256	
		1991	5,323221501				
		1992	6,230500032				
		1993	7,099650079				
		1994	7,997236231				
		1995	8,921770307				1,262443223
		1996	8,873343721	7,067066576			
		1997	9,899616547				
		1998	10,67195277				
		1999	11,73214521				
		2000	12,83704133				
		2001	13,96302281				1,215903086
		2002	11,97860129				
		2003	9,503269853	11,48366426		0,827546821	
	Rata-Rata	9,275365417			0,769206539	1,239173165	
X4.5	ICR	1990	0,002560774				
		1991	0,002422725				
		1992	0,00246511				
		1993	0,002543309			0,989023683	
		1994	0,00258204				
		1995	0,002650654				
		1996	0,002756134	0,002571535			1,071785521
		1997	0,002797336				
		1998	0,002665379			0,871540261	
		1999	0,002797401				
		2000	0,002857624				
		2001	0,00302551				
		2002	0,003606155				
		2003	0,003658072	0,00305824			1,196136643
	Rata-Rata	0,002814887			0,930281972	1,133961062	

## **LAMPIRAN- 5**

DATA RASIO-RASIO POTENSIAL PERUSAHAAN PERIODE 1990-2003

Kode	Variabel	Tahun	Rasio	R.NORMAL	R.KINERJA	Rasio Terendah (%)	Rasio Tertinggi (%)
X5.1	S.G	1990	0,393708974			0,420629376	
		1991	0,636745641				
		1992	0,773021795				
		1993	0,925010513				
		1994	1,106761538				
		1995	1,29013359				
		1996	1,436615897	0,935899707			1,534846525
		1997	1,667464872			0,711456871	
		1998	2,015879487				
		1999	2,293166667				
		2000	2,439410256				
		2001	2,530661538				
		2002	2,578782051				
		2003	2,680786462		2,34373619		1,229143652
	Rata-Rata	1,639867949			0,666042624	1,381995089	
X5.2	NWIR	1990	0,592300075			0,78882973	
		1991	0,643849284				
		1992	0,695887928				
		1993	0,748543488				
		1994	0,801737984				
		1995	0,85845119				
		1996	0,915244584	0,750859219			1,218929676
		1997	0,973972492			0,762710291	
		1998	1,057273647				
		1999	1,147918987				
		2000	1,243057912				
		2001	1,342639006				
		2002	1,505141268				
		2003	1,669100442		1,276857679		1,306410628
	Rata-Rata	1,013858449			0,77577001	1,262670152	
X5.3	NPIR	1990	5,190186715			0,785641737	
		1991	5,807254854				
		1992	6,123945175				
		1993	6,545868546				
		1994	7,216902733				
		1995	7,337401018				
		1996	8,022413781	6,60627926			1,214361892
		1997	8,049021118				1,363120137
		1998	7,017450534				
		1999	5,92343657				
		2000	5,753073642				
		2001	5,83040148				
		2002	4,061305041			0,697969439	
		2003	4,097515151		5,818743362		
	Rata-Rata	6,212611311			0,741806588	1,298741016	

Ket: Rasio Normal:  
rasio rata-rata periode 1990-1996 (sebelum krisis)

Rasio Kinerja:  
rasio rata-rata periode 1997-2003 (setelah krisis)

## **LAMPIRAN- OLAH DATA**

## criminant

### Analysis Case Processing Summary

Unweighted Cases		N	Percent
Valid		42	95,5
Excluded	Missing or out-of-range group codes	0	,0
	At least one missing discriminating variable	2	4,5
	Both missing or out-of-range group codes and at least one missing discriminating variable	0	,0
	Total	2	4,5
Total		44	100,0

### Group Statistics

Summary	Mean	Std. Deviation	Valid N (listwise)		
			Unweighted	Weighted	
Nilai rata-rata jelek	Nilai rata-rata	,7740	,21860	22	22,000
Nilai rata-rata baik	Nilai rata-rata	1,1392	,21454	20	20,000
Total	Nilai rata-rata	,9479	,28265	42	42,000

### Tests of Equality of Group Means

	Wilks' Lambda	F	df1	df2	Sig.
Nilai rata-rata	,573	29,767	1	40	,000

### Pooled Within-Groups Matrices

		Nilai rata-rata
Correlation	Nilai rata-rata	1,000

## Analysis 1

### Summary of Canonical Discriminant Functions

#### Eigenvalues

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
1	,744 <sup>a</sup>	100,0	100,0	,653

a. First 1 canonical discriminant functions were used in the analysis.

### Wilks' Lambda

st of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
	,573	21,973	1	,000

### Standardized Canonical Discriminant Function Coefficients

	Function
	1
ilai rata-rata	1,000

### Structure Matrix

	Function
	1
ilai rata-rata	1,000

Standardized within-groups correlations between discriminating variables and standardized canonical discriminant functions. Variables ordered by absolute size of correlation within function.

### Standardized Canonical Discriminant Function Coefficients

	Function
	1
ilai rata-rata	4,615
Constant)	-4,375

Standardized coefficients

### Standardized Canonical Discriminant Functions at Group Centroids

	Function
dummy	1
ilai rata-rata jelek	-,803
ilai rata-rata baik	,883

Standardized canonical discriminant functions evaluated at group means

### Classification Statistics



### Classification Processing Summary

Processed		44
Excluded	Missing or out-of-range group codes	0
	At least one missing discriminating variable	2
Used in Output		42

### Prior Probabilities for Groups

Dummy	Prior	Cases Used in Analysis	
		Unweighted	Weighted
nilai rata-rata jelek	,500	22	22,000
nilai rata-rata baik	,500	20	20,000
Total	1,000	42	42,000

### Classification Function Coefficients

	dummy	
	nilai rata-rata jelek	nilai rata-rata baik
nilai rata-rata	16,485	24,265
Constant)	-7,073	-14,515

Waller's linear discriminant functions

### Classification Results<sup>a</sup>

Original	Count	dummy	Predicted Group Membership		Total
			nilai rata-rata jelek	nilai rata-rata baik	
		nilai rata-rata jelek	21	1	22
		nilai rata-rata baik	2	18	20
	%	nilai rata-rata jelek	95,5	4,5	100,0
		nilai rata-rata baik	10,0	90,0	100,0

a. 92,9% of original grouped cases correctly classified.

# Discriminant

## Analysis Case Processing Summary

Weighted Cases	N	Percent
Valid	14	100,0
Excluded		
Missing or out-of-range group codes	0	,0
At least one missing discriminating variable	0	,0
Both missing or out-of-range group codes and at least one missing discriminating variable	0	,0
Total	0	,0
Total	14	100,0

## Group Statistics

Group	Variable	Mean	Std. Deviation	Valid N (listwise)	
				Unweighted	Weighted
ASIO NORMAL	ROI	,0267	,00066	7	7,000
	GPMR	,1767	,00385	7	7,000
	OPMR	,1767	,00385	7	7,000
	NPMR	,0273	,00445	7	7,000
	ROE	,0306	,00092	7	7,000
	SAAS	27,1374	1,06881	7	7,000
ASIO KINERJA	ROI	,0409	,01082	7	7,000
	GPMR	,1671	,01214	7	7,000
	OPMR	,1671	,01214	7	7,000
	NPMR	,0303	,00835	7	7,000
	ROE	,0462	,01237	7	7,000
	SAAS	25,0355	1,61028	7	7,000
Total	ROI	,0338	,01043	14	14,000
	GPMR	,1719	,00998	14	14,000
	OPMR	,1719	,00998	14	14,000
	NPMR	,0288	,00662	14	14,000
	ROE	,0384	,01169	14	14,000
	SAAS	26,0864	1,70688	14	14,000

## Tests of Equality of Group Means

Variable	Wilks' Lambda	F	df1	df2	Sig.
ROI	,499	12,068	1	12	,005
GPMR	,751	3,970	1	12	,070
OPMR	,751	3,970	1	12	,070
NPMR	,943	,725	1	12	,411
ROE	,519	11,105	1	12	,006
SAAS	,592	8,279	1	12	,014

**Pooled Within-Groups Matrices<sup>a</sup>**

		ROI	GPMR	OPMR	NPMR	ROE	SAAS
Covariance	ROI	5,871E-05	9,760E-06	9,760E-06	4,588E-05	6,714E-05	-,004
	GPMR	9,760E-06	8,111E-05	8,111E-05	1,526E-05	1,199E-05	,003
	OPMR	9,760E-06	8,111E-05	8,111E-05	1,526E-05	1,199E-05	,003
	NPMR	4,588E-05	1,526E-05	1,526E-05	4,475E-05	5,306E-05	-,002
	ROE	6,714E-05	1,199E-05	1,199E-05	5,306E-05	7,692E-05	-,004
	SAAS	-,004	,003	,003	-,002	-,004	1,868
Correlation	ROI	1,000	,141	,141	,895	,999	-,370
	GPMR	,141	1,000	1,000	,253	,152	,215
	OPMR	,141	1,000	1,000	,253	,152	,215
	NPMR	,895	,253	,253	1,000	,904	-,183
	ROE	,999	,152	,152	,904	1,000	-,353
	SAAS	-,370	,215	,215	-,183	-,353	1,000

a. The covariance matrix has 12 degrees of freedom.

**Covariance Matrices<sup>a</sup>**

KINERJA		ROI	GPMR	OPMR	NPMR	ROE	SAAS
RASIO NORMAL	ROI	4,310E-07	1,092E-06	1,092E-06	2,550E-06	5,996E-07	,000
	GPMR	1,092E-06	1,480E-05	1,480E-05	7,034E-06	1,566E-06	-,001
	OPMR	1,092E-06	1,480E-05	1,480E-05	7,034E-06	1,566E-06	-,001
	NPMR	2,550E-06	7,034E-06	7,034E-06	1,984E-05	3,824E-06	,003
	ROE	5,996E-07	1,566E-06	1,566E-06	3,824E-06	8,526E-07	,001
	SAAS	,000	-,001	-,001	,003	,001	1,142
RASIO KINERJA	ROI	,000	1,843E-05	1,843E-05	8,920E-05	,000	-,008
	GPMR	1,843E-05	,000	,000	2,349E-05	2,242E-05	,006
	OPMR	1,843E-05	,000	,000	2,349E-05	2,242E-05	,006
	NPMR	8,920E-05	2,349E-05	2,349E-05	6,966E-05	,000	-,006
	ROE	,000	2,242E-05	2,242E-05	,000	,000	-,009
	SAAS	-,008	,006	,006	-,006	-,009	2,593
Total	ROI	,000	-2,773E-05	-2,773E-05	5,401E-05	,000	-,012
	GPMR	-2,773E-05	9,964E-05	9,964E-05	6,226E-06	-2,927E-05	,008
	OPMR	-2,773E-05	9,964E-05	9,964E-05	6,226E-06	-2,927E-05	,008
	NPMR	5,401E-05	6,226E-06	6,226E-06	4,381E-05	6,179E-05	-,003
	ROE	,000	-2,927E-05	-2,927E-05	6,179E-05	,000	-,013
	SAAS	-,012	,008	,008	-,003	-,013	2,913

a. The total covariance matrix has 13 degrees of freedom.

## Analysis 1

### Variables Failing Tolerance Test<sup>a</sup>

	Within-Groups Variance	Tolerance	Minimum Tolerance
OPMR	8,111E-05	,000	,000

All variables passing the tolerance criteria are entered simultaneously.

a. Minimum tolerance level is ,001.

## Summary of Canonical Discriminant Functions

### Eigenvalues

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
1	3,293 <sup>a</sup>	100,0	100,0	,876

. First 1 canonical discriminant functions were used in the analysis.

### Wilks' Lambda

Number of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
1	,233	13,840	5	,017

### Standardized Canonical Discriminant Function Coefficients

	Function
	1
ROI	,5458
OPMR	-,190
PMR	-1,589
OE	-3,420
AAS	,106

### Structure Matrix

	Function
	1
ROI	,553
ROE	,530
SAAS	-,458
OPMR	-,317
OPMR <sup>a</sup>	-,317
NPMR	,135

Table showing within-groups correlations between discriminating variables and standardized canonical discriminant functions

variables ordered by absolute size of correlation within function.

a. This variable not used in the analysis.

### Unstandardized Discriminant Function Coefficients

	Function
	1
ROI	712,406
GPMR	-21,078
NPMR	-237,579
ROE	-389,961
SAAS	,077
(Constant)	-,646

Unstandardized coefficients

**Functions at Group Centroids**

	Function
KINERJA KEUANGAN	1
RASIO NORMAL	-1,680
RASIO KINERJA	1,680

Standardized canonical discriminant functions evaluated at group means

**Classification Statistics**

**Classification Processing Summary**

Processed		14
Excluded	Missing or out-of-range group codes	0
	At least one missing discriminating variable	0
Used in Output		14

**Prior Probabilities for Groups**

	Prior	Cases Used in Analysis	
		Unweighted	Weighted
KINERJA KEUANGAN	.500	7	7,000
RASIO KINERJA	.500	7	7,000
Total	1,000	14	14,000

**Classification Function Coefficients**

	KINERJA KEUANGAN	
	RASIO NORMAL	RASIO KINERJA
ROI	44074,905	46468,505
OPMR	1860,776	1789,957
NPMR	-1488,839	-2287,076
ROE	-36238,317	-37548,541
SAAS	19,996	20,255
(Constant)	-449,878	-452,049

Fisher's linear discriminant functions

**Classification Results<sup>a</sup>**

	Original Count	KINERJA KEUANGAN	Predicted Group Membership		Total
			RASIO NORMAL	RASIO KINERJA	
		RASIO NORMAL	7	0	7
		RASIO KINERJA	1	6	7
	%	RASIO NORMAL	100,0	,0	100,0
		RASIO KINERJA	14,3	85,7	100,0

a. 92.9% of original grouped cases correctly classified.

**Discriminant**

**Analysis Case Processing Summary**

Weighted Cases	N	Percent
Valid	14	100,0
Excluded		
Missing or out-of-range group codes	0	,0
At least one missing discriminating variable	0	,0
Both missing or out-of-range group codes and at least one missing discriminating variable	0	,0
Total	0	,0
Total	14	100,0

**Group Statistics**

NERJA EUANGAN		Mean	Std. Deviation	Valid N (listwise)	
				Unweighted	Weighted
ASIO NORMAL	SPE	37676641	7143917,1054	7	7,000
	ELSR	62919990	11930341,563	7	7,000
	TATO	,9950	,13152	7	7,000
	WCTO	2,1690	,17207	7	7,000
	ARTO	19,5586	18,76176	7	7,000
	ITO	3,0406	,49231	7	7,000
ASIO ABNORMAL	SPE	65072710	7764768,8709	7	7,000
	ELSR	1,09E+08	12967164,017	7	7,000
	TATO	1,3498	,06773	7	7,000
	WCTO	1,8210	,18059	7	7,000
	ARTO	5,8135	,60441	7	7,000
	ITO	3,3281	,51468	7	7,000
Total	SPE	51374676	15920159,613	14	14,000
	ELSR	85795708	26586666,555	14	14,000
	TATO	1,1724	,20970	14	14,000
	WCTO	1,9950	,24765	14	14,000
	ARTO	12,6861	14,61154	14	14,000
	ITO	3,1843	,50633	14	14,000

**Tests of Equality of Group Means**

	Wilks' Lambda	F	df1	df2	Sig.
SPE	,203	47,193	1	12	,000
ELSR	,203	47,193	1	12	,000
TATO	,230	40,240	1	12	,000
WCTO	,468	13,628	1	12	,003
ARTO	,762	3,753	1	12	,077
ITO	,913	1,140	1	12	,307

**Pooled Within-Groups Matrices<sup>a</sup>**

		SPE	ELSR	TATO	WCTO	ARTO	ITO
Covariance	SPE	5,57E+13	9,30E+13	576087,35	-1060619	-60595578	675267,18
	ELSR	9,30E+13	1,55E+14	962065,87	-1771235	-1,01E+08	1127696,2
	TATO	576087,35	962065,87	,011	-,008	-1,123	,041
	WCTO	-1060619	-1771235	-,008	,031	1,169	,008
	ARTO	-60595578	-1,01E+08	-1,123	1,169	176,185	-4,278
	ITO	675267,18	1127696,2	,041	,008	-4,278	,254
	Correlation	SPE	1,000	1,000	,738	-,806	-,612
	ELSR	1,000	1,000	,738	-,806	-,612	,180
	TATO	,738	,738	1,000	-,418	-,809	,779
	WCTO	-,806	-,806	-,418	1,000	,499	,086
	ARTO	-,612	-,612	-,809	,499	1,000	-,640
	ITO	,180	,180	,779	,086	-,640	1,000

a. The covariance matrix has 12 degrees of freedom.

**Covariance Matrices<sup>a</sup>**

INNERJA		SPE	ELSR	TATO	WCTO	ARTO	ITO
ASIO NORMAL	SPE	5,10E+13	8,52E+13	936072,06	-1004281	-1,18E+08	3391354,7
	ELSR	8,52E+13	1,42E+14	1563240,3	-1677149	-1,97E+08	5663562,3
	TATO	936072,06	1563240,3	,017	-,018	-2,229	,063
	WCTO	-1004281	-1677149	-,018	,030	2,270	-,064
	ARTO	-1,18E+08	-1,97E+08	-2,229	2,270	352,004	-8,599
	ITO	3391354,7	5663562,3	,063	-,064	-8,599	,242
	ASIO ABNORMAL	SPE	6,03E+13	1,01E+14	216102,64	-1116958	-3410634
	ELSR	1,01E+14	1,68E+14	360891,41	-1865320	-5695759	-3408170
	TATO	216102,64	360891,41	,005	,002	-,017	,019
	WCTO	-1116958	-1865320	,002	,033	,069	,079
	ARTO	-3410634	-5695759	-,017	,069	,365	,042
	ITO	-2040820	-3408170	,019	,079	,042	,265
Total	SPE	2,53E+14	4,23E+14	3148012,0	-3546101	-1,57E+08	2743684,8
	ELSR	4,23E+14	7,07E+14	5257180,0	-5921989	-2,63E+08	4581953,6
	TATO	3148012,0	5257180,0	,044	-,040	-2,349	,065
	WCTO	-3546101	-5921989	-,040	,061	2,367	-,020
	ARTO	-1,57E+08	-2,63E+08	-2,349	2,367	213,497	-5,013
	ITO	2743684,8	4581953,6	,065	-,020	-5,013	,256

a. The total covariance matrix has 13 degrees of freedom.

## Analysis 1

### Variables Failing Tolerance Test<sup>a</sup>

	Within-Groups Variance	Tolerance	Minimum Tolerance
ELSR	1,552E+14	,000	,000

All variables passing the tolerance criteria are entered simultaneously.

a. Minimum tolerance level is ,001.

## Summary of Canonical Discriminant Functions

**Eigenvalues**

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
1	12,260 <sup>a</sup>	100,0	100,0	,962

. First 1 canonical discriminant functions were used in the analysis.

**Wilks' Lambda**

Number of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
1	,075	24,555	5	,000

**Standardized Canonical Discriminant Function Coefficients**

	Function
	1
PE	-2,416
ATO	5,152
VCTO	-,153
RTO	,641
FO	-3,069

**Structure Matrix**

	Function
	1
LSR <sup>a</sup>	,566
PE	,566
ATO	,523
VCTO	-,304
RTO	-,160
FO	,088

Ordered within-groups correlations between discriminating variables and standardized canonical discriminant functions

variables ordered by absolute size of correlation within function.

a. This variable not used in the analysis.

**Unstandardized Canonical Discriminant Function Coefficients**

	Function
	1
SPE	,000
TATO	49,251
WCTO	-,869
ARTO	,048
ITO	-6,093
(Constant)	-20,578

Unstandardized coefficients



**Functions at Group Centroids**

	Function
KINERJA KEUANGAN	1
RASIO NORMAL	-3,242
RASIO ABNORMAL	3,242

Standardized canonical discriminant functions evaluated at group means

**Classification Statistics**

**Classification Processing Summary**

Processed		14
Excluded	Missing or out-of-range group codes	0
	At least one missing discriminating variable	0
Used in Output		14

**Prior Probabilities for Groups**

	Prior	Cases Used in Analysis	
		Unweighted	Weighted
KINERJA KEUANGAN			
RASIO NORMAL	,500	7	7,000
RASIO ABNORMAL	,500	7	7,000
Total	1,000	14	14,000

**Classification Function Coefficients**

	KINERJA KEUANGAN	
	RASIO NORMAL	RASIO ABNORMAL
SPPE	1,062E-06	-1,038E-06
GRATO	565,146	884,463
WCTO	252,978	247,342
ARTO	,365	,678
ITO	-83,791	-123,296
(Constant)	-452,401	-585,816

Fisher's linear discriminant functions

**Classification Results<sup>a</sup>**

	Original Count	KINERJA KEUANGAN	Predicted Group Membership		Total
			RASIO NORMAL	RASIO ABNORMAL	
Original	Count	RASIO NORMAL	7	0	7
		RASIO ABNORMAL	0	7	7
%		RASIO NORMAL	100,0	,0	100,0
		RASIO ABNORMAL	,0	100,0	100,0

a. 100,0% of original grouped cases correctly classified.

# Discriminant

## Analysis Case Processing Summary

Weighted Cases	N	Percent
Valid	14	100,0
Excluded		
Missing or out-of-range group codes	0	,0
At least one missing discriminating variable	0	,0
Both missing or out-of-range group codes and at least one missing discriminating variable	0	,0
Total	0	,0
Total	14	100,0

## Group Statistics

NERJA KEUANGAN		Mean	Std. Deviation	Valid N (listwise)	
				Unweighted	Weighted
ASIO NORMAL	FATO	1,9459	,59526	7	7,000
	FA to LDNW	,6144	,11054	7	7,000
	DER	,0758	,00356	7	7,000
	QR	2,9730	1,59909	7	7,000
	CR	7,0671	1,60649	7	7,000
	ICR	,0026	,00011	7	7,000
ASIO ABNORMAL	FATO	5,8090	1,79757	7	7,000
	FA to LDNW	,2854	,08809	7	7,000
	DER	,0746	,01289	7	7,000
	QR	6,2441	1,26918	7	7,000
	CR	11,4837	1,63550	7	7,000
	ICR	,0031	,00041	7	7,000
Total	FATO	3,8775	2,38178	14	14,000
	FA to LDNW	,4499	,19585	14	14,000
	DER	,0752	,00911	14	14,000
	QR	4,6086	2,19194	14	14,000
	CR	9,2754	2,77081	14	14,000
	ICR	,0028	,00038	14	14,000

## Tests of Equality of Group Means

	Wilks' Lambda	F	df1	df2	Sig.
FATO	,292	29,135	1	12	,000
FA to LDNW	,240	37,924	1	12	,000
DER	,995	,059	1	12	,812
QR	,400	17,971	1	12	,001
CR	,316	25,980	1	12	,000
ICR	,562	9,362	1	12	,010

**Pooled Within-Groups Matrices<sup>a</sup>**

		FATO	FA to LDNW	DER	QR	CR	ICR
Covariance	FATO	1,793	-,111	,005	,519	,752	,000
	FA to LDNW	-,111	,010	-9,443E-05	-,097	-,110	-2,043E-05
	DER	,005	-9,443E-05	8,941E-05	-,009	-,010	1,839E-06
	QR	,519	-,097	-,009	2,084	2,306	-4,075E-06
	CR	,752	-,110	-,010	2,306	2,628	2,444E-05
	ICR	,000	-2,043E-05	1,839E-06	-4,075E-06	2,444E-05	8,856E-08
	Correlation	FATO	1,000	-,831	,430	,268	,346
	FA to LDNW	-,831	1,000	-,100	-,671	-,680	-,687
	DER	,430	-,100	1,000	-,655	-,651	,653
	QR	,268	-,671	-,655	1,000	,985	-,009
	CR	,346	-,680	-,651	,985	1,000	,051
	ICR	,898	-,687	,653	-,009	,051	1,000

a. The covariance matrix has 12 degrees of freedom.

**Covariance Matrices<sup>a</sup>**

INNERJA		FATO	FA to LDNW	DER	QR
ASIO NORMAL	FATO	,354	-,065	-,002	,928
	FA to LDNW	-,065	,012	,000	-,175
	DER	-,002	,000	1,270E-05	-,005
	QR	,928	-,175	-,005	2,557
	CR	,933	-,176	-,005	2,569
	ICR	5,535E-05	-1,018E-05	-1,506E-07	,000
	ASIO ABNORMAL	FATO	3,231	-,157	,012
FA to LDNW		-,157	,008	,000	-,018
DER		,012	,000	,000	-,013
QR		,110	-,018	-,013	1,611
CR		,571	-,044	-,015	2,043
ICR		,001	-3,068E-05	3,828E-06	,000
Total		FATO	5,673	-,445	,004
	FA to LDNW	-,445	,038	2,187E-05	-,379
	DER	,004	2,187E-05	8,294E-05	-,009
	QR	3,881	-,379	-,009	4,805
	CR	5,288	-,493	-,011	6,018
	ICR	,001	-6,197E-05	1,536E-06	,000

**Covariance Matrices<sup>a</sup>**

VERJA		CR	ICR
ASIO NORMAL	FATO	,933	5,535E-05
	FA to LDNW	-,176	-1,018E-05
	DER	-,005	-1,506E-07
	QR	2,569	,000
	CR	2,581	,000
	ICR	,000	1,183E-08
ASIO ABNORMAL	FATO	,571	,001
	FA to LDNW	-,044	-3,068E-05
	DER	-,015	3,828E-06
	QR	2,043	,000
	CR	2,675	-9,159E-05
	ICR	-9,159E-05	1,653E-07
Total	FATO	5,288	,001
	FA to LDNW	-,493	-6,197E-05
	DER	-,011	1,536E-06
	QR	6,018	,000
	CR	7,677	,001
	ICR	,001	1,455E-07

a. The total covariance matrix has 13 degrees of freedom.

**Analysis 1**

**Summary of Canonical Discriminant Functions**

**Eigenvalues**

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
	14,716 <sup>a</sup>	100,0	100,0	,968

a. First 1 canonical discriminant functions were used in the analysis.

**Wilks' Lambda**

Test of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
	,064	24,792	6	,000

**Standardized Canonical Discriminant Function Coefficients**

	Function
	1
FATO	4,231
FA to LDNW	3,885
DER	-3,019
QR	14,365
CR	-15,402
ICR	1,526

### Structure Matrix

	Function
	1
A to LDNW	,463
ATO	-,406
R	-,384
R	-,319
R	-,230
ER	,018

Standardized within-groups correlations between discriminating variables and standardized canonical discriminant functions. Variables ordered by absolute size of correlation within function.

### Standardized Canonical Discriminant Function Coefficients

	Function
	1
ATO	3,160
A to LDNW	38,875
ER	-319,240
R	9,951
R	-9,501
R	5129,362
Constant)	22,093

Standardized coefficients

### Standardized Canonical Discriminant Functions at Group Centroids

	Function
	1
KEUANGAN	3,552
RASIO ABNORMAL	-3,552

Standardized canonical discriminant functions evaluated at group means

## Classification Statistics

### Classification Processing Summary

Processed		14
Excluded	Missing or out-of-range group codes	0
	At least one missing discriminating variable	0
Used in Output		14

**Prior Probabilities for Groups**

KINERJA KEUANGAN	Prior	Cases Used in Analysis	
		Unweighted	Weighted
RASIO NORMAL	,500	7	7,000
RASIO ABNORMAL	,500	7	7,000
Total	1,000	14	14,000

**Classification Function Coefficients**

	KINERJA KEUANGAN	
	RASIO NORMAL	RASIO ABNORMAL
Constant	-475,811	-498,258
LN(Disk) to LDNW	10982,156	10706,021
LN(Disk) to LDNR	151527,925	153795,513
LN(Disk) to LDOR	-269,606	-340,289
LN(Disk) to LDOR	1402,361	1469,849
LN(Disk) to LDOR	940168,978	903734,651
Constant)	-14419,498	-14576,424

These are the linear discriminant functions

**Classification Results<sup>a</sup>**

Original	Count	KINERJA KEUANGAN	Predicted Group Membership		Total
			RASIO NORMAL	RASIO ABNORMAL	
		RASIO NORMAL	7	0	7
		RASIO ABNORMAL	0	7	7
	%	RASIO NORMAL	100,0	,0	100,0
		RASIO ABNORMAL	,0	100,0	100,0

a. 100,0% of original grouped cases correctly classified.

# criminant

## Analysis Case Processing Summary

Unweighted Cases		N	Percent
Valid		14	100,0
Excluded	Missing or out-of-range group codes	0	,0
	At least one missing discriminating variable	0	,0
	Both missing or out-of-range group codes and at least one missing discriminating variable	0	,0
	Total	0	,0
Total		14	100,0

## Group Statistics

INERJA EUANGAN		Mean	Std. Deviation	Valid N (listwise)	
				Unweighted	Weighted
ASIO NORMAL	SG	,9360	,36709	7	7,000
	NWIR	,7509	,11605	7	7,000
	NPIR	6,6063	,98259	7	7,000
ASIO ABNORMAL	SG	2,3437	,39899	7	7,000
	NWIR	1,2769	,24742	7	7,000
	NPIR	5,8187	1,44183	7	7,000
Total	SG	1,6399	,81805	14	14,000
	NWIR	1,0139	,33009	14	14,000
	NPIR	6,2125	1,25382	14	14,000

## Tests of Equality of Group Means

	Wilks' Lambda	F	df1	df2	Sig.
SG	,203	47,193	1	12	,000
NWIR	,316	25,932	1	12	,000
NPIR	,894	1,426	1	12	,255

## Pooled Within-Groups Matrices<sup>a</sup>

		SG	NWIR	NPIR
Covariance	SG	,147	,068	-,091
	NWIR	,068	,037	-,112
	NPIR	-,091	-,112	1,522
Correlation	SG	1,000	,913	-,193
	NWIR	,913	1,000	-,470
	NPIR	-,193	-,470	1,000

a. The covariance matrix has 12 degrees of freedom.

**Covariance Matrices<sup>a</sup>**

NERJA		SG	NWIR	NPIR
ASIO NORMAL	SG	,135	,043	,359
	NWIR	,043	,013	,113
	NPIR	,359	,113	,965
ASIO ABNORMAL	SG	,159	,093	-,541
	NWIR	,093	,061	-,337
	NPIR	-,541	-,337	2,079
Total	SG	,669	,262	-,383
	NWIR	,262	,109	-,215
	NPIR	-,383	-,215	1,572

a. The total covariance matrix has 13 degrees of freedom.

**Analysis 1**

**Summary of Canonical Discriminant Functions**

**Eigenvalues**

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
	5,319 <sup>a</sup>	100,0	100,0	,917

a. First 1 canonical discriminant functions were used in the analysis.

**Wilks' Lambda**

Test of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
	,158	19,358	3	,000

**Standardized Canonical Discriminant Function Coefficients**

	Function
	1
SG	2,426
NWIR	-1,831
NPIR	-,541

**Structure Matrix**

	Function
	1
SG	,860
NWIR	,637
NPIR	-,149

Sorted within-groups correlations between discriminating variables and standardized canonical discriminant functions. Variables ordered by absolute size of correlation within function.



**onical Discriminant Function Coefficients**

	Function
	1
S	6,329
NIR	-9,477
PIR	-.439
constant)	1,956

standardized coefficients

**unctions at Group Centroids**

	Function
KINERJA KEUANGAN	1
RASIO NORMAL	-2,135
RASIO ABNORMAL	2,135

standardized canonical discriminant functions evaluated at group means

**Classification Statistics**

**Classification Processing Summary**

Processed		14
Excluded	Missing or out-of-range group codes	0
	At least one missing discriminating variable	0
Used in Output		14

**Prior Probabilities for Groups**

	Prior	Cases Used in Analysis	
		Unweighted	Weighted
KINERJA KEUANGAN			
RASIO NORMAL	.500	7	7,000
RASIO ABNORMAL	.500	7	7,000
Total	1,000	14	14,000

**Classification Function Coefficients**

	KINERJA KEUANGAN	
	RASIO NORMAL	RASIO ABNORMAL
SG	-89,090	-62,061
NWIR	228,943	188,470
NPIR	15,845	13,971
(Constant)	-97,290	-88,938

Shear's linear discriminant functions

**Classification Results<sup>a</sup>**

		KINERJA KEUANGAN	Predicted Group Membership		Total
			RASIO NORMAL	RASIO ABNORMAL	
Original	Count	RASIO NORMAL	7	0	7
		RASIO ABNORMAL	1	6	7
	%	RASIO NORMAL	100,0	,0	100,0
		RASIO ABNORMAL	14,3	85,7	100,0

i. 92,9% of original grouped cases correctly classified.

## Discriminant

### Analysis Case Processing Summary

Weighted Cases	N	Percent
Valid	14	100,0
Excluded		
Missing or out-of-range group codes	0	,0
At least one missing discriminating variable	0	,0
Both missing or out-of-range group codes and at least one missing discriminating variable	0	,0
Total	0	,0
Total	14	100,0

### Group Statistics

KINERJA KEUANGAN		Mean	Std. Deviation	Valid N (listwise)	
				Unweighted	Weighted
KINERJA KEUANGAN NORMAL	ROI	,0267	,00066	7	7,000
	GPMR	,1767	,00385	7	7,000
	OPMR	,1767	,00385	7	7,000
	NPMR	,0273	,00445	7	7,000
	ROE	,0306	,00092	7	7,000
	SAAS	27,1374	1,06881	7	7,000
KINERJA KEUANGAN KINERJA	ROI	,0409	,01082	7	7,000
	GPMR	,1671	,01214	7	7,000
	OPMR	,1671	,01214	7	7,000
	NPMR	,0303	,00835	7	7,000
	ROE	,0462	,01237	7	7,000
	SAAS	25,0355	1,61028	7	7,000
Total	ROI	,0338	,01043	14	14,000
	GPMR	,1719	,00998	14	14,000
	OPMR	,1719	,00998	14	14,000
	NPMR	,0288	,00662	14	14,000
	ROE	,0384	,01169	14	14,000
	SAAS	26,0864	1,70688	14	14,000

### Tests of Equality of Group Means

	Wilks' Lambda	F	df1	df2	Sig.
ROI	,499	12,068	1	12	,005
GPMR	,751	3,970	1	12	,070
OPMR	,751	3,970	1	12	,070
NPMR	,943	,725	1	12	,411
ROE	,519	11,105	1	12	,006
SAAS	,582	8,279	1	12	,014

Pooled Within-Groups Matrices<sup>a</sup>

		ROI	GPMR	OPMR	NPMR	ROE	SAAS
variance	ROI	5,871E-05	9,760E-06	9,760E-06	4,588E-05	6,714E-05	-.004
	GPMR	9,760E-06	8,111E-05	8,111E-05	1,526E-05	1,199E-05	,003
	OPMR	9,760E-06	8,111E-05	8,111E-05	1,526E-05	1,199E-05	,003
	NPMR	4,588E-05	1,526E-05	1,526E-05	4,475E-05	5,306E-05	-.002
	ROE	6,714E-05	1,199E-05	1,199E-05	5,306E-05	7,692E-05	-.004
	SAAS	-.004	,003	,003	-.002	-.004	1,868
relation	ROI	1,000	,141	,141	,895	,999	-.370
	GPMR	,141	1,000	1,000	,253	,152	,215
	OPMR	,141	1,000	1,000	,253	,152	,215
	NPMR	,895	,253	,253	1,000	,904	-.183
	ROE	,999	,152	,152	,904	1,000	-.353
	SAAS	-.370	,215	,215	-.183	-.353	1,000

a. The covariance matrix has 12 degrees of freedom.

Covariance Matrices<sup>a</sup>

NERJA		ROI	GPMR	OPMR	NPMR	ROE	SAAS
ASIO NORMAL	ROI	4,310E-07	1,092E-06	1,092E-06	2,550E-06	5,996E-07	,000
	GPMR	1,092E-06	1,480E-05	1,480E-05	7,034E-06	1,566E-06	-.001
	OPMR	1,092E-06	1,480E-05	1,480E-05	7,034E-06	1,566E-06	-.001
	NPMR	2,550E-06	7,034E-06	7,034E-06	1,984E-05	3,824E-06	,003
	ROE	5,996E-07	1,566E-06	1,566E-06	3,824E-06	8,526E-07	,001
	SAAS	,000	-.001	-.001	,003	,001	1,142
ASIO KINERJA	ROI	,000	1,843E-05	1,843E-05	8,920E-05	,000	-.008
	GPMR	1,843E-05	,000	,000	2,349E-05	2,242E-05	,006
	OPMR	1,843E-05	,000	,000	2,349E-05	2,242E-05	,006
	NPMR	8,920E-05	2,349E-05	2,349E-05	6,966E-05	,000	-.006
	ROE	,000	2,242E-05	2,242E-05	,000	,000	-.009
	SAAS	-.008	,006	,006	-.006	-.009	2,593
total	ROI	,000	-2,773E-05	-2,773E-05	5,401E-05	,000	-.012
	GPMR	-2,773E-05	9,964E-05	9,964E-05	6,226E-06	-2,927E-05	,008
	OPMR	-2,773E-05	9,964E-05	9,964E-05	6,226E-06	-2,927E-05	,008
	NPMR	5,401E-05	6,226E-06	6,226E-06	4,381E-05	6,179E-05	-.003
	ROE	,000	-2,927E-05	-2,927E-05	6,179E-05	,000	-.013
	SAAS	-.012	,008	,008	-.003	-.013	2,913

a. The total covariance matrix has 13 degrees of freedom.

## Analysis 1

### Descriptive Statistics

**Variables Entered/Removed<sup>a,b,c,d</sup>**

Step	Entered	Min. F				Between Groups
		Statistic	df1	df2	Sig.	
	ROI	12,068	1	12,000	,005	RASIO NORMAL and RASIO KINERJA
	NPMR	17,279	2	11,000	,000	RASIO NORMAL and RASIO KINERJA

each step, the variable that maximizes the smallest F ratio between pairs of groups is entered.

- a. Maximum number of steps is 12.
- b. Minimum partial F to enter is 3.84.
- c. Maximum partial F to remove is 2.71.
- d. F level, tolerance, or VIN insufficient for further computation.

**Variables in the Analysis**

Step	Tolerance	F to Remove	Min. F	Between Groups
1	1,000	12,068		
2	,199	31,962	,725	RASIO NORMAL and RASIO KINERJA
3	,199	11,714	12,068	RASIO NORMAL and RASIO KINERJA

**Variables Not in the Analysis**

Step	Tolerance	Min. Tolerance	F to Enter	Min. F	Between Groups
0	1,000	1,000	12,068	12,068	RASIO NORMAL and RASIO KINERJA
	1,000	1,000	3,970	3,970	RASIO NORMAL and RASIO KINERJA
	1,000	1,000	3,970	3,970	RASIO NORMAL and RASIO KINERJA

**Variables Not in the Analysis**

p	Tolerance	Min. Tolerance	F to Enter	Min. F	Between Groups
NPMR	1,000	1,000	,725	,725	RASIO NORMAL and RASIO KINERJA
ROE	1,000	1,000	11,105	11,105	RASIO NORMAL and RASIO KINERJA
SAAS	1,000	1,000	8,279	8,279	RASIO NORMAL and RASIO KINERJA
GPMR	,980	,980	2,877	8,417	RASIO NORMAL and RASIO KINERJA
OPMR	,980	,980	2,877	8,417	RASIO NORMAL and RASIO KINERJA
NPMR	,199	,199	11,714	17,279	RASIO NORMAL and RASIO KINERJA
ROE	,002	,002	5,209	10,755	RASIO NORMAL and RASIO KINERJA
SAAS	,863	,863	1,341	6,877	RASIO NORMAL and RASIO KINERJA
GPMR	,899	,183	,244	10,809	RASIO NORMAL and RASIO KINERJA
OPMR	,899	,183	,244	10,809	RASIO NORMAL and RASIO KINERJA
ROE	,001	,001	,096	10,604	RASIO NORMAL and RASIO KINERJA
SAAS	,753	,155	,002	10,475	RASIO NORMAL and RASIO KINERJA

**Wilks' Lambda**

Step	Number of Variables	Lambda	df1	df2	df3
	1	,499	1	1	12
	2	,241	2	1	12

**Wilks' Lambda**

Step	Exact F			
	Statistic	df1	df2	Sig.
	12,068	1	12,000	,005
	17,279	2	11,000	,000

**Summary of Canonical Discriminant Functions**

**Eigenvalues**

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
	3,142 <sup>a</sup>	100,0	100,0	,871

a. First 1 canonical discriminant functions were used in the analysis.

**Wilks' Lambda**

Test of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
	,241	15,632	2	,000

**Standardized Canonical Discriminant Function Coefficients**

	Function
	1
ROI	2,221
NPMR	-1,849

**Structure Matrix**

	Function
	1
ROI	,566
ROE <sup>a</sup>	,547
SAAS <sup>a</sup>	-,483
GPMR <sup>a</sup>	-,154
OPMR <sup>a</sup>	-,154
NPMR	,139

Correlated within-groups correlations between discriminating variables and standardized canonical discriminant functions

Variables ordered by absolute size of correlation within function.

a. This variable not used in the analysis.

**Canonical Discriminant Function Coefficients**

	Function
	1
ROI	289,813
NPMR	-276,364
(Constant)	-1,826

Standardized coefficients

**Functions at Group Centroids**

	Function
KINERJA KEUANGAN	1
RASIO NORMAL	-1,641
RASIO KINERJA	1,641

Standardized canonical discriminant functions evaluated at group means

**Classification Statistics**

**Classification Processing Summary**

Processed		14
Excluded	Missing or out-of-range group codes	0
	At least one missing discriminating variable	0
Used in Output		14

**Prior Probabilities for Groups**

	Prior	Cases Used in Analysis	
		Unweighted	Weighted
KINERJA KEUANGAN			
RASIO NORMAL	,500	7	7,000
RASIO KINERJA	,500	7	7,000
Total	1,000	14	14,000

**Classification Function Coefficients**

	KINERJA KEUANGAN	
	RASIO NORMAL	RASIO KINERJA
ROI	-112,600	838,546
NPMR	725,291	-181,716
(Constant)	-9,090	-15,081

Fisher's linear discriminant functions



**Classification Results<sup>a</sup>**

		KINERJA KEUANGAN	Predicted Group Membership		Total
			RASIO NORMAL	RASIO KINERJA	
Original	Count	RASIO NORMAL	7	0	7
		RASIO KINERJA	1	6	7
	%	RASIO NORMAL	100,0	0,0	100,0
		RASIO KINERJA	14,3	85,7	100,0

.. 92,9% of original grouped cases correctly classified.

## Discriminant

### Analysis Case Processing Summary

Weighted Cases	N	Percent
Valid	14	100,0
Excluded		
Missing or out-of-range group codes	0	,0
At least one missing discriminating variable	0	,0
Both missing or out-of-range group codes and at least one missing discriminating variable	0	,0
Total	0	,0
Total	14	100,0

### Group Statistics

NERJA	EUANGAN	Mean	Std. Deviation	Valid N (listwise)	
				Unweighted	Weighted
ASIO NORMAL	SPE	37676641	7143917,1054	7	7,000
	ELSR	62919990	11930341,563	7	7,000
	TATO	,9950	,13152	7	7,000
	WCTO	2,1690	,17207	7	7,000
	ARTO	19,5586	18,76176	7	7,000
	ITO	3,0406	,49231	7	7,000
ASIO KINERJA	SPE	65072710	7764768,8709	7	7,000
	ELSR	1,09E+08	12967164,017	7	7,000
	TATO	1,3498	,06773	7	7,000
	WCTO	1,8210	,18059	7	7,000
	ARTO	5,8135	,60441	7	7,000
	ITO	3,3281	,51468	7	7,000
Total	SPE	51374676	15920159,613	14	14,000
	ELSR	85795708	26586666,555	14	14,000
	TATO	1,1724	,20970	14	14,000
	WCTO	1,9950	,24765	14	14,000
	ARTO	12,6861	14,61154	14	14,000
	ITO	3,1843	,50633	14	14,000

### Tests of Equality of Group Means

	Wilks' Lambda	F	df1	df2	Sig.
SPE	,203	47,193	1	12	,000
ELSR	,203	47,193	1	12	,000
TATO	,230	40,240	1	12	,000
WCTO	,468	13,628	1	12	,003
ARTO	,762	3,753	1	12	,077
ITO	,913	1,140	1	12	,307

**Pooled Within-Groups Matrices<sup>a</sup>**

		SPE	ELSR	TATO	WCTO	ARTO	ITO
variance	SPE	5,57E+13	9,30E+13	576087,35	-1060619	-60595578	675267,18
	ELSR	9,30E+13	1,55E+14	962065,87	-1771235	-1,01E+08	1127696,2
	TATO	576087,35	962065,87	,011	-,008	-1,123	,041
	WCTO	-1060619	-1771235	-,008	,031	1,169	,008
	ARTO	-60595578	-1,01E+08	-1,123	1,169	176,185	-4,278
	ITO	675267,18	1127696,2	,041	,008	-4,278	,254
relation	SPE	1,000	1,000	,738	-,806	-,612	,180
	ELSR	1,000	1,000	,738	-,806	-,612	,180
	TATO	,738	,738	1,000	-,418	-,809	,779
	WCTO	-,806	-,806	-,418	1,000	,499	,086
	ARTO	-,612	-,612	-,809	,499	1,000	-,640
	ITO	,180	,180	,779	,086	-,640	1,000

<sup>a</sup>. The covariance matrix has 12 degrees of freedom.

**Covariance Matrices<sup>a</sup>**

KERJA		SPE	ELSR	TATO	WCTO	ARTO	ITO
ASIO NORMAL	SPE	5,10E+13	8,52E+13	936072,06	-1004281	-1,18E+08	3391354,7
	ELSR	8,52E+13	1,42E+14	1563240,3	-1677149	-1,97E+08	5663562,3
	TATO	936072,06	1563240,3	,017	-,018	-2,229	,063
	WCTO	-1004281	-1677149	-,018	,030	2,270	-,064
	ARTO	-1,18E+08	-1,97E+08	-2,229	2,270	352,004	-8,599
	ITO	3391354,7	5663562,3	,063	-,064	-8,599	,242
ASIO KINERJA	SPE	6,03E+13	1,01E+14	216102,64	-1116958	-3410634	-2040820
	ELSR	1,01E+14	1,68E+14	360891,41	-1865320	-5695759	-3408170
	TATO	216102,64	360891,41	,005	,002	-,017	,019
	WCTO	-1116958	-1865320	,002	,033	,069	,079
	ARTO	-3410634	-5695759	-,017	,069	,365	,042
	ITO	-2040820	-3408170	,019	,079	,042	,265
total	SPE	2,53E+14	4,23E+14	3148012,0	-3546101	-1,57E+08	2743684,8
	ELSR	4,23E+14	7,07E+14	5257180,0	-5921989	-2,63E+08	4581953,6
	TATO	3148012,0	5257180,0	,044	-,040	-2,349	,065
	WCTO	-3546101	-5921989	-,040	,061	2,367	-,020
	ARTO	-1,57E+08	-2,63E+08	-2,349	2,367	213,497	-5,013
	ITO	2743684,8	4581953,6	,065	-,020	-5,013	,256

<sup>a</sup>. The total covariance matrix has 13 degrees of freedom.

## Analysis 1

### Stepwise Statistics

**Variables Entered/Removed<sup>a,b,c,d</sup>**

Step	Entered	Wilks' Lambda			
		Statistic	df1	df2	df3
1	ELSR	,203	1	1	12,000

each step, the variable that minimizes the overall Wilks' Lambda is entered.

**Variables Entered/Removed<sup>a,b,c,d</sup>**

Wilks' Lambda				
Exact F				
Step	Statistic	df1	df2	Sig.
1	47,193	1	12,000	,000

At each step, the variable that minimizes the overall Wilks' Lambda is entered.

Maximum number of steps is 12.

Minimum partial F to enter is 3.84.

Maximum partial F to remove is 2.71.

F level, tolerance, or VIN insufficient for further computation.

**Variables in the Analysis**

Step	Tolerance	F to Remove
1	1,000	47,193

**Variables Not in the Analysis**

Step	Tolerance	Min. Tolerance	F to Enter	Wilks' Lambda
2	1,000	1,000	47,193	,203
3	1,000	1,000	47,193	,203
4	1,000	1,000	40,240	,230
5	1,000	1,000	13,628	,468
6	1,000	1,000	3,753	,762
7	1,000	1,000	1,140	,913
8	,000	,000	47,193	,203
9	,455	,455	,661	,191
10	,350	,350	1,806	,174
11	,626	,626	1,526	,178
12	,968	,968	,005	,203

**Wilks' Lambda**

Step	Number of Variables	Lambda	df1	df2	df3
1	1	,203	1	1	12

**Wilks' Lambda**

Exact F				
Step	Statistic	df1	df2	Sig.
1	47,193	1	12,000	,000

**Summary of Canonical Discriminant Functions**

### Eigenvalues

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
	3,933 <sup>a</sup>	100,0	100,0	,893

First 1 canonical discriminant functions were used in the analysis.

### Wilks' Lambda

Number of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
	,203	18,353	1	,000

### Standardized Canonical Discriminant Function Coefficients

	Function
	1
LSR	1,000

### Structure Matrix

	Function
	1
LSR	1,000
PE <sup>a</sup>	1,000
CTO <sup>a</sup>	-,806
ATO <sup>a</sup>	,738
RTO <sup>a</sup>	-,612
CO <sup>a</sup>	,180

Ordered within-groups correlations between discriminating variables and standardized canonical discriminant functions

variables ordered by absolute size of correlation within function.

a. This variable not used in the analysis.

### Standardized Canonical Discriminant Function Coefficients

	Function
	1
LSR	,000
Constant)	-6,886

Standardized coefficients

### Functions at Group Centroids

	Function
	1
KINERJA	
KEUANGAN	
RASIO NORMAL	-1,836
RASIO KINERJA	1,836

Standardized canonical discriminant functions evaluated at group means

### Classification Statistics

**Classification Processing Summary**

Processed		14
Included	Missing or out-of-range group codes	0
	At least one missing discriminating variable	0
Excluded in Output		14

**Prior Probabilities for Groups**

KINERJA KEUANGAN	Prior	Cases Used in Analysis	
		Unweighted	Weighted
RASIO NORMAL	,500	7	7,000
RASIO KINERJA	,500	7	7,000
Total	1,000	14	14,000

**Classification Function Coefficients**

	KINERJA KEUANGAN	
	RASIO NORMAL	RASIO KINERJA
Constant	4,053E-07	7,000E-07
	-13,444	-38,729

Wolfe's linear discriminant functions

**Classification Results<sup>a</sup>**

	Original Count	KINERJA KEUANGAN	Predicted Group Membership		Total
			RASIO NORMAL	RASIO KINERJA	
		RASIO NORMAL	7	0	7
		RASIO KINERJA	0	7	7
	%	RASIO NORMAL	100,0	,0	100,0
		RASIO KINERJA	,0	100,0	100,0

a. 100,0% of original grouped cases correctly classified.

# Discriminant

## Analysis Case Processing Summary

Weighted Cases	N	Percent
Valid	14	100,0
Excluded		
Missing or out-of-range group codes	0	,0
At least one missing discriminating variable	0	,0
Both missing or out-of-range group codes and at least one missing discriminating variable	0	,0
Total	0	,0
Total	14	100,0

## Group Statistics

DISCRIMINANT FUNCTION	MEAN	STD. DEVIATION	Valid N (listwise)	
			Unweighted	Weighted
ASIO NORMAL				
FATO	1,9459	,59526	7	7,000
FA to LDNW	,6144	,11054	7	7,000
DER	,0758	,00356	7	7,000
QR	2,9730	1,59909	7	7,000
CR	7,0671	1,60649	7	7,000
ICR	,0026	,00011	7	7,000
ASIO ABNORMAL				
FATO	5,8090	1,79757	7	7,000
FA to LDNW	,2854	,08809	7	7,000
DER	,0746	,01289	7	7,000
QR	6,2441	1,26918	7	7,000
CR	11,4837	1,63550	7	7,000
ICR	,0031	,00041	7	7,000
Total				
FATO	3,8775	2,38178	14	14,000
FA to LDNW	,4499	,19585	14	14,000
DER	,0752	,00911	14	14,000
QR	4,6086	2,19194	14	14,000
CR	9,2754	2,77081	14	14,000
ICR	,0028	,00038	14	14,000

## Tests of Equality of Group Means

	Wilks' Lambda	F	df1	df2	Sig.
FATO	,292	29,135	1	12	,000
FA to LDNW	,240	37,924	1	12	,000
DER	,995	,059	1	12	,812
QR	,400	17,971	1	12	,001
CR	,316	25,980	1	12	,000
ICR	,562	9,362	1	12	,010

**Pooled Within-Groups Matrices<sup>a</sup>**

		FATO	FA to LDNW	DER	QR	CR	ICR
variance	FATO	1,793	-,111	,005	,519	,752	,000
	FA to LDNW	-,111	,010	-9,443E-05	-,097	-,110	-2,043E-05
	DER	,005	-9,443E-05	8,941E-05	-,009	-,010	1,839E-06
	QR	,519	-,097	-,009	2,084	2,306	-4,075E-06
	CR	,752	-,110	-,010	2,306	2,628	2,444E-05
	ICR	,000	-2,043E-05	1,839E-06	-4,075E-06	2,444E-05	8,856E-08
	relation	FATO	1,000	-,831	,430	,268	,346
	FA to LDNW	-,831	1,000	-,100	-,671	-,680	-,687
	DER	,430	-,100	1,000	-,655	-,651	,653
	QR	,268	-,671	-,655	1,000	,985	-,009
	CR	,346	-,680	-,651	,985	1,000	,051
	ICR	,898	-,687	,653	-,009	,051	1,000

The covariance matrix has 12 degrees of freedom.

**Covariance Matrices<sup>a</sup>**

NERJA		FATO	FA to LDNW	DER	QR
ASIO NORMAL	FATO	,354	-,065	-,002	,928
	FA to LDNW	-,065	,012	,000	-,175
	DER	-,002	,000	1,270E-05	-,005
	QR	,928	-,175	-,005	2,557
	CR	,933	-,176	-,005	2,569
	ICR	5,535E-05	-1,018E-05	-1,506E-07	,000
ASIO ABNORMAL	FATO	3,231	-,157	,012	,110
	FA to LDNW	-,157	,008	,000	-,018
	DER	,012	,000	,000	-,013
	QR	,110	-,018	-,013	1,611
	CR	,571	-,044	-,015	2,043
	ICR	,001	-3,068E-05	3,828E-06	,000
total	FATO	5,673	-,445	,004	3,881
	FA to LDNW	-,445	,038	2,187E-05	-,379
	DER	,004	2,187E-05	8,294E-05	-,009
	QR	3,881	-,379	-,009	4,805
	CR	5,288	-,493	-,011	6,018
	ICR	,001	-6,197E-05	1,536E-06	,000



**Covariance Matrices<sup>a</sup>**

RESIDUALS		CR	ICR
RESIDUALS NORMAL	FATO	,933	5,535E-05
	FA to LDNW	-,176	-1,018E-05
	DER	-,005	-1,506E-07
	QR	2,569	,000
	CR	2,581	,000
	ICR	,000	1,183E-08
RESIDUALS ABNORMAL	FATO	,571	,001
	FA to LDNW	-,044	-3,068E-05
	DER	-,015	3,828E-06
	QR	2,043	,000
	CR	2,675	-9,159E-05
	ICR	-9,159E-05	1,653E-07
TOTAL	FATO	5,288	,001
	FA to LDNW	-,493	-6,197E-05
	DER	-,011	1,536E-06
	QR	6,018	,000
	CR	7,677	,001
	ICR	,001	1,455E-07

a. The total covariance matrix has 13 degrees of freedom.

## Analysis 1

### Stepwise Statistics

**Variables Entered/Removed<sup>a,b,c,d</sup>**

Step	Entered	Wilks' Lambda			
		Statistic	df1	df2	df3
	FA to LDNW	,240	1	1	12,000

At each step, the variable that minimizes the overall Wilks' Lambda is entered.

**Variables Entered/Removed<sup>a,b,c,d</sup>**

Step	Wilks' Lambda			
	Exact F			
	Statistic	df1	df2	Sig.
	37,924	1	12,000	,000

At each step, the variable that minimizes the overall Wilks' Lambda is entered.

- Maximum number of steps is 12.
- Minimum partial F to enter is 3.84.
- Maximum partial F to remove is 2.71.
- F level, tolerance, or VIF insufficient for further computation.

### Variables in the Analysis

p	Tolerance	F to Remove
FA to LDNW	1,000	37,924

### Variables Not in the Analysis

p	Tolerance	Min. Tolerance	F to Enter	Wilks' Lambda
FATO	1,000	1,000	29,135	,292
FA to LDNW	1,000	1,000	37,924	,240
DER	1,000	1,000	,059	,995
QR	1,000	1,000	17,971	,400
CR	1,000	1,000	25,980	,316
ICR	1,000	1,000	9,362	,562
FATO	,309	,309	,056	,239
DER	,990	,990	,164	,237
QR	,550	,550	,005	,240
CR	,537	,537	,338	,233
ICR	,528	,528	,571	,229

### Wilks' Lambda

ep	Number of Variables	Lambda	df1	df2	df3
	1	,240	1	1	12

### Wilks' Lambda

tep	Exact F			
	Statistic	df1	df2	Sig.
	37,924	1	12,000	,000

## Summary of Canonical Discriminant Functions

### Eigenvalues

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
	3,160 <sup>a</sup>	100,0	100,0	,872

a. First 1 canonical discriminant functions were used in the analysis.

### Wilks' Lambda

Test of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
	,240	16,394	1	,000

### Standardized Canonical Discriminant Function Coefficients

	Function
	1
A to LDNW	1,000

### Structure Matrix

	Function
	1
A to LDNW	1,000
ATO <sup>a</sup>	-,831
DR <sup>a</sup>	-,687
ER <sup>a</sup>	-,680
FR <sup>a</sup>	-,671
GR <sup>a</sup>	-,100

Ordered within-groups correlations between discriminating variables and standardized canonical discriminant functions

Variables ordered by absolute size of correlation within function.

a. This variable not used in the analysis.

### Standardized Canonical Discriminant Function Coefficients

	Function
	1
A to LDNW	10,006
Constant)	-4,502

Standardized coefficients

### Standardized Canonical Discriminant Functions at Group Centroids

	Function
	1
ENERJA	
KEUANGAN	
RASIO NORMAL	1,646
RASIO ABNORMAL	-1,646

Standardized canonical discriminant functions evaluated at group means

## Classification Statistics

### Classification Processing Summary

Processed		14
Excluded	Missing or out-of-range group codes	0
	At least one missing discriminating variable	0
Used in Output		14

**Prior Probabilities for Groups**

KINERJA KEUANGAN	Prior	Cases Used in Analysis	
		Unweighted	Weighted
RASIO NORMAL	,500	7	7,000
RASIO ABNORMAL	,500	7	7,000
Total	1,000	14	14,000

**Classification Function Coefficients**

	KINERJA KEUANGAN	
	RASIO NORMAL	RASIO ABNORMAL
Constant	61,512	28,576
LDNW	-19,590	-4,772

These are the coefficients for the linear discriminant functions

**Classification Results<sup>a</sup>**

Original Group	Count	KINERJA KEUANGAN	Predicted Group Membership		Total
			RASIO NORMAL	RASIO ABNORMAL	
RASIO NORMAL	7	RASIO NORMAL	7	0	7
		RASIO ABNORMAL	0	7	7
RASIO ABNORMAL	7	RASIO NORMAL	100,0	,0	100,0
		RASIO ABNORMAL	,0	100,0	100,0

a. 100,0% of original grouped cases correctly classified.

# Discriminant

## Analysis Case Processing Summary

Weighted Cases		N	Percent
Valid		14	100,0
Excluded	Missing or out-of-range group codes	0	,0
	At least one missing discriminating variable	0	,0
	Both missing or out-of-range group codes and at least one missing discriminating variable	0	,0
	Total	0	,0
Total		14	100,0

## Group Statistics

NERJA KEUANGAN		Mean	Std. Deviation	Valid N (listwise)	
				Unweighted	Weighted
ASIO NORMAL	SG	,9360	,36709	7	7,000
	NWIR	,7509	,11605	7	7,000
	NPIR	6,6063	,98259	7	7,000
ASIO ABNORMAL	SG	2,3437	,39899	7	7,000
	NWIR	1,2769	,24742	7	7,000
	NPIR	5,8187	1,44183	7	7,000
Total	SG	1,6399	,81805	14	14,000
	NWIR	1,0139	,33009	14	14,000
	NPIR	6,2125	1,25382	14	14,000

## Tests of Equality of Group Means

	Wilks' Lambda	F	df1	df2	Sig.
SG	,203	47,193	1	12	,000
NWIR	,316	25,932	1	12	,000
NPIR	,894	1,426	1	12	,255

## Pooled Within-Groups Matrices<sup>a</sup>

		SG	NWIR	NPIR
Covariance	SG	,147	,068	-,091
	NWIR	,068	,037	-,112
	NPIR	-,091	-,112	1,522
Correlation	SG	1,000	,913	-,193
	NWIR	,913	1,000	-,470
	NPIR	-,193	-,470	1,000

a. The covariance matrix has 12 degrees of freedom.

**Covariance Matrices<sup>a</sup>**

NERJA		SG	NWIR	NPIR
ASIO NORMAL	SG	,135	,043	,359
	NWIR	,043	,013	,113
	NPIR	,359	,113	,965
ASIO ABNORMAL	SG	,159	,093	-,541
	NWIR	,093	,061	-,337
	NPIR	-,541	-,337	2,079
total	SG	,669	,262	-,383
	NWIR	,262	,109	-,215
	NPIR	-,383	-,215	1,572

a. The total covariance matrix has 13 degrees of freedom.

**Analysis 1**

**Stepwise Statistics**

**Variables Entered/Removed<sup>a,b,c,d</sup>**

Step	Entered	Wilks' Lambda			
		Statistic	df1	df2	df3
	SG	,203	1	1	12,000

each step, the variable that minimizes the overall Wilks' Lambda is entered.

**Variables Entered/Removed<sup>a,b,c,d</sup>**

Step	Wilks' Lambda			
	Exact F			
	Statistic	df1	df2	Sig.
	47,193	1	12,000	,000

each step, the variable that minimizes the overall Wilks' Lambda is entered.

- a. Maximum number of steps is 6.
- b. Minimum partial F to enter is 3.84.
- c. Maximum partial F to remove is 2.71.
- d. F level, tolerance, or VIN insufficient for further computation.

**Variables in the Analysis**

Step		Tolerance	F to Remove
1	SG	1,000	47,193

**Variables Not in the Analysis**

Step	Tolerance	Min. Tolerance	F to Enter	Wilks' Lambda
1	1,000	1,000	47,193	,203
2	1,000	1,000	25,932	,316
3	1,000	1,000	1,426	,894
4	,167	,167	1,538	,178
5	,963	,963	,003	,203

**Wilks' Lambda**

Step	Number of Variables	Lambda	df1	df2	df3
1	1	,203	1	1	12

**Wilks' Lambda**

Step	Exact F			
	Statistic	df1	df2	Sig.
1	47,193	1	12,000	,000

**Summary of Canonical Discriminant Functions**

**Eigenvalues**

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
1	3,933 <sup>a</sup>	100,0	100,0	,893

a. First 1 canonical discriminant functions were used in the analysis.

**Wilks' Lambda**

Test of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
1	,203	18,353	1	,000

**Standardized Canonical Discriminant Function Coefficients**

	Function
	1
SG	1,000

**Structure Matrix**

	Function
	1
5	1,000
NIR <sup>a</sup>	,913
PIR <sup>a</sup>	-,193

led within-groups correlations between discriminating variables and standardized canonical discriminant functions

ables ordered by absolute size of correlation within function.

i. This variable not used in the analysis.

**Canonical Discriminant Function Coefficients**

	Function
	1
G	2,608
Constant)	-4,278

standardized coefficients

**Functions at Group Centroids**

	Function
	1
KINERJA	
KEUANGAN	
RASIO NORMAL	-1,836
RASIO ABNORMAL	1,836

standardized canonical discriminant functions evaluated at group means

**Classification Statistics**

**Classification Processing Summary**

Processed		14
Excluded	Missing or out-of-range group codes	0
	At least one missing discriminating variable	0
Used in Output		14

**Prior Probabilities for Groups**

	Prior	Cases Used in Analysis	
		Unweighted	Weighted
KINERJA			
KEUANGAN			
RASIO NORMAL	,500	7	7,000
RASIO ABNORMAL	,500	7	7,000
Total	1,000	14	14,000



**Classification Function Coefficients**

	KINERJA KEUANGAN	
	RASIO NORMAL	RASIO ABNORMAL
Constant)	6,369	15,947
	-3,674	-19,381

Step 1: Enter the coefficients from the discriminant functions

**Classification Results<sup>a</sup>**

		KINERJA KEUANGAN	Predicted Group Membership		Total
			RASIO NORMAL	RASIO ABNORMAL	
Original	Count	RASIO NORMAL	7	0	7
		RASIO ABNORMAL	0	7	7
	%	RASIO NORMAL	100,0	,0	100,0
		RASIO ABNORMAL	,0	100,0	100,0

a. 100,0% of original grouped cases correctly classified.



## **PT. CHOPINDO SEJAHTERA**

Office :

Jl. Kedungdoro 84 M Surabaya 60251 Indonesia

Phone : (031) 5314746 - 5325412 Fax: (031) 5467446

✉ : chopindo@teikom.net

### **Surat Keterangan**

Bersama ini menerangkan bahwa mahasiswa tsb.dibawah ini :

**N a m a : Y.W.Kumara**  
**No.Mahasiswa : 00311386**  
**Jurusan : Manajemen**  
**Fakultas Ekonomi Universitas Islam Indonesia**

Benar-benar telah melakukan penelitian di PT,Chopindo Sejahtera selama 45 hari semoga hasil penelitian tsb. bermanfaat secara umum Khususnya bagi ybs.

Demikian surat keterangan ini kami buat dan dapat dipergunakan sebagaimana mestinya.

Surabaya, 5 Agustus 2004



Hormat kami

**Agus Suryadi**

Marketing & Export Manager