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LAMPIRAN

LAMPIRAN 1

DATA PERUSAHAAN *DELISTING* DARI BEI 2017-2019

No	Kode	Nama Emiten	Tanggal Pencatatan (IPO)	Tanggal Penghapusan
Tahun 2017				
1.	CTRP	Ciputra Property Tbk	07 Nopember 2007	19 Januari 2017
2.	CTRS	Ciputra Surya Tbk	15 Januari 1999	19 Januari 2017
3.	SOBI	Sorini Agro Asia Corporindo Tbk	03 Agustus 1992	03 Juli 2017
4.	CPGT	Citra Maharlika Nusantara Corpora Tbk	09 Juli 2013	19 Oktober 2017
5.	INVS	Inovisi Infracom Tbk	03 Juli 2009	23 Oktober 2017
6.	BRAU	Berau Coal Energy Tbk	19 Agustus 2010	16 Nopember 2017
7.	TKGA	Permata Prima Sakti Tbk	06 Januari 1992	16 Nopember 2017
8.	LAMI	Lamicitra Nusantara Tbk	18 Juli 2001	28 Desember 2017
Tahun 2018				
9.	DAJK	Dwi Aneka Jaya Kemasindo Tbk	14 Mei 2014	18 Mei 2018
10.	TRUB	Truba Alam Manunggal Engineering Tbk	16 Oktober 2006	12 September 2018
11.	JPRS	Jaya Pari Steel Tbk	04 Agustus 1989	08 Oktober 2018
12.	SQBB	Taisho Pharmaceutical Indonesia Tbk	29 Maret 1983	21 Maret 2018
Tahun 2019				
13.	NAGA	PT Bank Mitraniaga Tbk	09 Juli 2013	23 Agustus 2019
14.	SIAP	Sekawan Intiprama Tbk	17 Oktober 2008	17 Juni 2019
15.	ATPK	Bara Jaya Internasional Tbk	17 April 2002	30 September 2019
16.	BBNP	Bank Nusantara Parahyangan Tbk	10 Januari 2001	02 Mei 2019
17.	GMCW	Grahammas Citrawisata Tbk	14 Februari 1995	13 Agustus 2019
18.	TMPI	PT Sigmagold Intiperkasa Tbk	26 Januari 1995	11 Nopember 2019

Sumber : Website BEI (www.idx.co.id), 2022

LAMPIRAN 2
DATA PERUSAHAAN MANUFAKTUR YANG MENJADI SAMPEL

NO	KODE	Nama Perusahaan	NO	KODE	Nama Perusahaan
1	ADES	Akasha Wira International Tbk d.h Ades Waters Indonesia Tbk	63	JPFA	Japfa Comfeed Indonesia Tbk
2	ADMG	Polychem Indonesia Tbk	64	KAEF	Kimia Farma (Persero) Tbk
3	AISA	Tiga Pilar Sejahtera Food Tbk	65	KBLI	KMI Wire and Cable Tbk
4	AKKU	Alam Karya Unggul Tbk	66	KBLM	Kabelindo Murni Tbk
5	AKPI	Argha Karya Prima Industry Tbk	67	KDSI	Kedawung Setia Industrial Tbk
6	ALDO	Alkindo Naratama Tbk	68	KIAS	Keramika Indonesia Assosiasi Tbk
7	ALKA	Alaska Industrindo Tbk	69	KICI	Kedaung Indah Can Tbk
8	ALMI	Alumindo Light Metal Industry Tbk	70	KLBF	Kalbe Farma Tbk
9	ALTO	Tri Banyan Tirta Tbk	71	KRAS	Krakatau Steel (Persero) Tbk
10	AMFG	Asahimas Flat Glass Tbk	72	LION	Lion Metal Works Tbk
11	APLI	Asiaplast Industries Tbk	73	LMPI	Langgeng Makmur Industry Tbk
12	ARGO	Argo Pantas Tbk	74	LMSH	Lionmesh Prima Tbk
13	ARNA	Arwana Citra Mulia Tbk	75	MAIN	Malindo Feedmill Tbk
14	ASII	Astra International Tbk	76	MASA	Multistrada Arah Sarana Tbk
15	AUTO	Astra Otoparts Tbk	77	MBTO	Martina Berto Tbk
16	BAJA	Saranacentral Bajatama Tbk	78	MERK	Merck Indonesia Tbk
17	BATA	Sepatu Bata Tbk	79	MLBI	Multi Bintang Indonesia Tbk
18	BIMA	Primarindo Asia Infrastructure Tbk dh Bintang Kharisma Tbk	80	MLIA	Mulia Industrindo Tbk
19	BRAM	Indo Kordsa Tbk d.h Branta Mulia Tbk	81	MRAT	Mustika Ratu Tbk
20	BRNA	Berlina Tbk	82	MYO R	Mayora Indah Tbk
21	BRPT	Barito Pasific Tbk	83	MYTX	Asia Pacific Investama Tbk d.h Apac Citra Centertex Tbk
22	BTON	Beton Jaya Manunggal Tbk	84	NIKL	Pelat Timah Nusantara Tbk
23	BUDI	Budi Starch & Sweetener Tbk d.h Budi Acid Jaya Tbk	85	PBRX	Pan Brothers Tbk

NO	KODE	Nama Perusahaan	NO	KODE	Nama Perusahaan
24	CEKA	Wilmar Cahaya Indonesia Tbk (d.h Cahaya Kalbar Tbk)	86	PICO	Pelangi Indah Canindo Tbk
25	CINT	Chitose Internatonal Tbk	87	POLY	Asia Pasific Fibers Tbk d.h Polysindo Eka Persada Tbk
26	CNTX	Century Textile Industry Tbk	88	PRAS	Prima alloy steel Universal Tbk
27	CPIN	Charoen Pokphand Indonesia Tbk	89	PSDN	Prashida Aneka Niaga Tbk
28	CTBN	Citra Turbindo Tbk	90	PTSN	Sat Nusa Persada Tbk
29	DLTA	Delta Djakarta Tbk	91	PYFA	Pyridam Farma Tbk
30	DPNS	Duta Pertiwi Nusantara Tbk	92	RICY	Ricky Putra Globalindo Tbk
31	DVLA	Darya Varia Laboratoria Tbk	93	RMBA	Bentoel International Investama Tbk
32	EKAD	Ekadharma International Tbk	94	ROTI	Nippon Indosari Corporindo Tbk
33	ERTX	Eratex Djaya Tbk	95	SCCO	Supreme Cable Manufacturing and Commerce Tbk
34	ESTI	Ever Shine Tex Tbk	96	SCPI	Merck Sharp Dohme Pharma Tbk (d.h Schering Plough Indonesia Tbk)
35	ETWA	Eterindo Wahanatama Tbk	97	SKBM	Sekar Bumi Tbk
36	FASW	Fajar Surya Wisesa Tbk	98	SKLT	Sekar Laut Tbk
37	FPNI	Lotte Chemical Titan Tbk d.h Titan Kimia Nusantara Tbk d.h Fatra Polindo Nusa Industri Tbk	99	SMBR	Semen Baturaja (Persero) Tbk
38	GDST	Gunawan Dianjaya Steel Tbk	100	SMCB	Solusi Bangun Indonesia Tbk d.h Holcim Indonesia Tbk d.h Semen Cibinong Tbk
39	GDYR	Goodyear Indonesia Tbk	101	SMG R	Semen Indonesia (persero) Tbk d.h Semen Gresik (Persero) Tbk
40	GGRM	Gudang Garam Tbk	102	SMS M	Selamat Sempurna Tbk
41	GJTL	Gajah Tunggal Tbk	103	SRIL	Sri Rejeki Isman Tbk
42	HDTX	Panasia Indo Resources Tbk d.h Panasia Indosyntax Tbk	104	SRSN	Indo Acitama Tbk d.h Sarasa Nugraha Tbk
43	HMSP	Handjaya Mandala Sampoerna Tbk	105	SSTM	Sunson Textile Manufacturer Tbk
44	ICBP	Indofood CBP Sukses Makmur Tbk	106	STAR	Star Petrochem Tbk

NO	KODE	Nama Perusahaan	NO	KODE	Nama Perusahaan
45	IGAR	Champion Pasific Indonesia Tbk d.h Kageo Igar Jaya Tbk	107	STTP	Siantar Top Tbk
46	IIKP	Inti Agri Resources Tbk Inti Kapuas Arowana Tbk Inti Indah Karya Plasindo Tbk	108	SULI	SLJ Global Tbk d.h Sumalindo Lestari Jaya Tbk
47	IKAI	Inti Keramik Alam Asri Industri Tbk	109	TBMS	Tembaga Mulia Semanan Tbk
48	IKBI	Sumi Indo Kabel Tbk	110	TCID	Mandom Indonesia Tbk
49	IMAS	Indomobil Sukses International Tbk	111	TFCO	Tifico Fiber Indonesia Tbk
50	IMPC	Impack Pratama Industri Tbk	112	TIRT	Tirta Mahakam Resources Tbk
51	INAF	Indofarma (Persero) Tbk	113	TKIM	Pabrik Kertas Tjiwi Kimia Tbk
52	INAI	Indal Aluminium Industry Tbk	114	TOTO	Surya Toto Indonesia Tbk
53	INCI	Intan Wijaya International Tbk	115	TPIA	Chandra Asri Petrochemical Tbk
54	INDF	Indofood Sukses Makmur Tbk	116	TRIS	Trisula International Tbk
55	INDR	Indo Rama Synthetic Tbk	117	TRST	Trias Sentosa Tbk
56	INDS	Indospring Tbk	118	TSPC	Tempo Scan Pasific Tbk
57	INKP	Indah Kiat Pulp & paper Tbk	119	ULTJ	Ultrajaya Milk Industry and Trading Company Tbk
58	INTP	Indocement Tunggul Prakasa Tbk	120	UNIC	Unggul Indah Cahaya Tbk
59	IPOL	Indopoly Swakarsa Industry Tbk	121	UNVR	Unilever Indonesia Tbk
60	ISSP	Steel Pipe Industry of Indonesia Tbk	122	VOKS	Voksel Electric Tbk
61	JECC	Jembo Cable Company Tbk	123	WTON	Wijaya Karya Beton Tbk
62	JKSW	Jakarta Kyoei Steel Work LTD Tbk	124	YPAS	Yana Prima Hasta Persada Tbk

LAMPIRAN 3
HASIL OLAH DATA PERUSAHAAN

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
1	0.0587	0.9248	0.0881	3.0473	0.9694	-0.1070	0.6231	0.0000	3
2	0.1155	-0.1380	0.1034	1.3589	0.9127	-0.1500	0.5189	0.0000	2
3	0.2139	-0.0459	0.1468	2.4228	1.0145	-0.1483	0.5127	0.0000	3
4	0.2140	-0.0866	-0.0286	0.5250	0.9493	-0.1067	0.5236	0.0000	1
5	0.3481	-0.1261	-0.0269	2.2798	1.3456	-0.0381	0.6698	0.0000	1
6	0.2994	-0.2546	-0.1143	1.0977	0.9144	-0.1496	0.3525	0.0000	1
7	0.0727	0.0141	-0.0629	0.2880	0.5640	-0.6453	-0.1846	0.0000	1
8	2.4162	0.0141	-0.0051	0.1027	0.8716	-0.2258	0.3088	0.0000	1
9	-0.3631	-2.3845	0.7867	0.1533	0.8082	0.5779	0.4007	0.0000	1
10	0.2382	0.0596	-0.0072	1.0762	0.0153	-0.0363	-0.3580	0.0000	1
11	0.2353	0.0530	0.0155	0.9037	0.0999	-0.0195	-0.2824	0.0000	1
12	-0.0929	-0.1140	-0.1749	0.9232	0.0231	-0.1634	-0.3542	0.0000	1
13	0.0152	0.1243	0.0318	0.3046	0.7521	-0.0884	0.3693	0.4000	1
14	0.0060	0.1320	0.0516	0.2777	0.7776	-0.0103	0.4477	0.5000	1
15	0.0304	0.1629	0.0535	0.1642	0.8107	-0.0927	0.3180	0.5000	1
16	0.2138	0.1615	0.0963	1.2255	1.4212	-0.0361	1.2471	0.3333	2
17	0.2697	0.1975	0.1087	1.4477	1.5009	-0.1870	1.8634	0.3333	2
18	0.2553	0.1716	0.1551	0.9542	1.1852	-0.0805	0.7935	0.3333	2
19	0.2085	-0.0080	0.0709	0.6852	6.3327	0.0010	13.0856	0.0000	3
20	0.1336	0.0326	0.0423	0.2778	5.5362	-0.2627	10.8649	0.0000	3
21	0.1456	0.0411	0.0178	0.4244	3.6678	-0.3261	2.8288	0.0000	3
22	-0.0196	0.0599	0.0204	0.0678	1.4665	0.1506	1.1638	0.6000	1
23	-0.0103	0.0556	0.0404	0.1004	1.5900	0.1658	1.4286	0.6000	1
24	-0.2420	-0.8146	-0.1121	0.1276	1.2703	-0.0204	0.3396	0.6000	1

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
25	0.0121	-0.0980	-0.0306	1.2324	0.2363	-0.1086	-0.1630	0.0000	1
26	-0.0526	0.1286	-0.0412	1.2131	0.2615	-0.0895	-0.1280	0.0000	1
27	-0.0211	-0.1339	-0.0051	1.2071	0.3117	-0.0905	-0.0806	0.0000	1
28	0.1606	0.5052	0.0149	0.9617	0.0620	-0.0928	0.2929	0.5455	1
29	0.0557	0.3812	0.0210	0.3312	0.5269	-0.0922	0.2980	0.5455	1
30	0.0070	0.3465	-0.0168	0.2794	0.4909	-0.0527	0.1088	0.4545	1
31	0.1324	0.2193	0.0129	0.5720	0.9587	-0.0530	0.5623	0.2500	1
32	0.0012	0.1272	-0.0268	0.3828	0.8706	-0.1174	0.6535	0.2500	1
33	0.0852	0.1756	0.0695	1.1811	1.0447	-0.0633	0.4390	0.3333	2
34	-0.9078	-2.8442	-0.0926	0.2074	0.3384	-0.1664	-0.1012	0.0000	1
35	-1.1014	-3.2587	-0.0731	0.2162	0.3510	-0.1206	-0.0550	0.0000	1
36	-1.2118	-3.4619	-0.0443	0.1160	0.2282	-0.0844	-0.1825	0.0000	1
37	0.1780	0.5753	0.1166	2.7256	1.0822	-0.1186	0.6878	0.0000	3
38	0.2123	0.5992	0.1344	5.5426	1.1927	-0.1611	0.7892	0.0000	3
39	0.2300	0.5956	0.1609	5.1431	1.1960	-0.1269	0.8544	0.0000	3
40	0.0763	0.3837	0.0988	2.4119	0.6970	-0.0322	0.3711	0.0000	3
41	0.0497	0.3705	0.1015	1.9547	0.6939	-0.0382	0.3945	0.0000	2
42	0.0827	0.3992	0.1037	1.6971	0.6738	-0.0070	0.2784	0.0000	2
43	0.0830	0.4142	0.0482	3.2644	0.9179	-0.0047	0.5031	0.0000	3
44	0.1225	0.4121	0.0542	1.5316	0.9664	-0.0211	0.6103	0.0000	2
45	0.1315	0.4332	0.0728	1.3691	0.9672	-0.0345	0.5474	0.0000	2
46	-0.0348	-0.0694	-0.0090	0.3719	1.2873	-0.1007	0.7869	0.5000	1
47	-0.1323	-0.1788	-0.0287	0.2466	1.4201	-0.1322	0.9008	0.5000	1
48	-0.1337	-0.1953	0.0377	0.1463	1.2817	-0.1025	0.7350	0.5000	1
49	0.3944	0.6720	0.0941	2.6811	1.1389	-0.0155	0.7569	0.0000	3
50	0.4277	0.7121	0.1090	3.2493	1.1321	0.0082	0.7114	0.0000	3

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
51	0.4403	0.7374	0.0441	4.0878	1.0789	-0.0510	0.6184	0.0000	3
52	-0.1321	-2.3357	0.1932	0.2412	1.7208	-0.0015	1.1160	0.0000	1
53	-0.0391	-2.1009	0.1707	0.1902	1.4883	-0.0369	1.0950	0.0000	1
54	0.1109	-0.8244	0.0267	0.1670	0.5130	-0.0521	0.7748	0.0000	1
55	0.2225	0.1924	0.1195	3.2330	0.7941	-0.0433	0.4125	0.0000	2
56	0.1955	0.1932	0.0953	2.2083	0.8922	-0.1261	0.5223	0.0000	2
57	0.2270	0.1964	0.0773	5.9435	0.8788	-0.1066	0.3625	0.0000	3
58	0.0329	0.0491	-0.1141	1.0920	0.6669	-0.1211	0.2170	0.0000	1
59	-0.0054	0.0439	-0.0086	0.8781	0.5360	-0.0942	0.2571	0.0000	1
60	-0.0773	-0.0022	-0.0285	0.7702	0.5398	-0.1610	0.0933	0.0000	1
61	0.0231	0.0184	0.1086	1.4372	0.4183	-0.1989	0.7144	0.2500	1
62	0.1242	0.0197	0.0932	0.6893	0.4390	-0.0981	0.0961	0.2500	1
63	0.1006	0.0254	0.0624	2.1844	0.3345	-0.0741	-0.0688	0.2500	2
64	0.6154	0.7443	0.0708	2.8189	0.4796	-0.0090	0.0698	0.0000	3
65	0.6701	0.7566	0.1575	4.8410	0.5405	-0.0258	0.2105	0.0000	3
66	0.6393	0.7193	-0.0025	3.2638	0.5306	-0.1393	0.1383	0.0000	3
67	0.0026	0.1098	0.0622	0.2423	0.8541	-0.0489	0.4329	0.0000	1
68	0.0014	0.1042	0.0571	0.1993	0.8391	-0.0320	0.4749	0.0000	1
69	0.0024	0.1307	0.0766	0.2703	1.0013	-0.0975	0.4633	0.0000	1
70	0.3907	0.4706	0.1156	1.5677	3.0573	-0.1046	2.4379	0.0000	3
71	0.5568	0.6171	0.1171	4.2542	3.1048	-0.1443	2.0567	0.0000	3
72	0.6067	0.6297	0.1971	3.7957	2.2403	-0.2093	2.0988	0.0000	3
73	0.3034	0.4135	0.0804	0.3542	0.7847	-0.0661	0.4994	0.2500	2
74	0.2819	0.2506	0.0450	0.2765	0.7538	0.0033	0.3506	0.2500	1
75	0.2785	0.2419	0.0350	2.2910	0.7896	-0.0331	0.4078	0.2500	2
76	-0.3015	-0.3902	-0.0063	0.6635	0.6885	-0.0093	0.4418	0.0000	1

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
77	-0.2860	-0.3967	0.0302	0.8326	0.8691	-0.1578	0.5057	0.0000	1
78	-0.3405	-0.4765	-0.0156	0.0243	0.8683	-0.1087	0.3353	0.0000	1
79	0.2716	0.6339	0.1515	5.5777	2.0131	-0.0053	1.5639	0.0000	3
80	0.3388	0.6958	0.2347	1.4354	1.9518	-0.0513	1.7083	0.0000	3
81	0.2705	0.7126	0.1720	12.9770	1.4600	-0.0133	1.0628	0.0000	3
82	0.3297	0.4103	-0.0871	1.9185	0.3324	-0.1114	-0.0856	0.2000	2
83	0.2624	0.3602	-0.0479	1.5276	0.5499	0.0855	0.2131	0.1667	2
84	0.2755	0.3297	0.0225	2.5591	0.8331	-0.0292	0.4600	0.0000	3
85	0.7957	0.8245	0.2752	1.8731	0.5797	-0.0616	0.2367	0.0000	3
86	0.7824	0.8172	0.2896	1.8398	0.5861	-0.0131	0.2540	0.0000	3
87	0.7940	0.8236	0.2554	25.6307	0.5800	0.0227	0.1374	0.0000	3
88	0.5263	0.4696	0.0245	2.8507	0.3608	0.0158	-0.0351	0.5000	3
89	0.5197	0.4789	0.0383	2.3526	0.4450	0.0524	0.0523	0.5000	3
90	0.5555	0.4949	0.0024	2.3337	0.3738	-0.0096	-0.0388	0.6667	3
91	0.4473	0.9148	0.1341	4.1846	0.9602	-0.0652	0.5966	0.0000	3
92	0.4676	0.5275	0.1588	4.5027	1.0100	0.0878	0.6026	0.0000	3
93	0.4594	0.5410	0.1615	4.8102	0.9907	-0.0489	0.6412	0.0000	3
94	0.4043	0.4843	0.1275	3.6256	0.8078	-0.0071	0.4865	0.3333	3
95	0.4337	0.5280	0.1180	4.6428	0.8668	-0.0230	0.5002	0.3333	3
96	0.4298	0.5241	0.1145	6.4628	0.7832	-0.0880	0.4612	0.3333	3
97	0.0179	0.1257	-0.0116	0.3669	1.2095	0.0621	0.9231	0.0000	1
98	0.0039	0.1420	0.0373	0.3720	1.2122	-0.0753	0.9363	0.0000	1
99	0.0380	0.1323	0.0379	0.2498	1.2091	-0.0139	0.8507	0.0000	1
100	-0.0256	-1.0909	-0.0277	0.2454	0.5706	-0.0874	0.3002	0.7500	1
101	-0.0451	-1.0599	0.0500	0.2493	0.5801	0.0695	0.2233	0.7500	1
102	0.0504	-1.1215	-0.0094	0.1825	0.4892	-0.0068	0.0492	0.7500	1

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
103	-0.2361	-0.4743	-0.0424	0.0494	0.0464	-0.1420	-0.3394	0.0000	1
104	-0.7756	-0.6105	-0.0244	0.0581	0.0219	-0.1875	-0.3581	0.0000	1
105	-0.8118	-0.6705	-0.0381	0.0422	0.1994	-0.1192	-0.1763	0.0000	1
106	-0.1034	0.0988	0.0088	2.2002	0.7831	-0.1081	0.4395	0.0000	2
107	0.0474	0.1760	0.1813	2.8855	0.9064	-0.0857	0.6368	0.0000	2
108	-0.1033	0.2166	0.1415	3.1488	0.7690	-0.0546	0.3392	0.0000	3
109	0.0486	-0.5932	-0.0108	0.4028	2.2587	-0.0456	1.6447	0.0000	1
110	0.0668	-0.5473	0.0493	0.3124	2.2156	-0.0182	1.9398	0.0000	2
111	0.1041	-0.6669	-0.0262	0.7162	2.0030	-0.0533	1.1122	0.0000	1
112	0.0461	-0.0144	0.0170	1.7159	0.9546	-0.0827	0.6848	0.0000	2
113	-0.0629	-0.0607	-0.0936	1.9057	1.1512	-0.1152	0.7035	0.0000	2
114	-0.0918	-0.0314	0.0315	0.6812	1.0536	0.0103	0.9205	0.0000	1
115	-0.1297	0.4016	0.0052	0.7093	1.3030	-0.1937	0.9926	0.0000	2
116	-0.1723	0.4009	0.0031	0.8080	1.2691	-0.0114	0.9504	0.0000	2
117	-0.2028	0.4074	0.0168	0.8674	1.1486	-0.0126	0.6003	0.0000	2
118	0.3169	1.2279	0.1683	0.6562	1.2478	-0.0274	0.1332	0.1250	3
119	0.3369	0.6390	0.1615	0.6714	1.3851	-0.0724	0.1323	0.1250	3
120	0.3410	0.6351	0.1917	3.6793	0.5378	-0.0278	0.2085	0.1111	3
121	0.1523	0.2335	0.0059	0.1895	0.0059	-0.0665	0.3417	0.0000	1
122	0.1459	0.2117	-0.0043	0.1637	0.7787	-0.0620	0.4243	0.0000	1
123	0.1420	0.2356	0.0675	0.1615	0.8453	-0.0783	0.3912	0.0000	1
124	-0.2071	-0.4282	-0.1001	0.4826	0.3205	-0.2135	-0.1148	0.6667	1
125	-0.3372	-3.0473	-0.4588	1.0066	0.8999	-0.1536	-0.2549	0.6667	1
126	-0.5298	-4.3737	-0.1412	1.2221	0.0197	-0.1267	-0.4256	0.6667	1
127	0.6420	0.5789	0.3916	6.0941	2.2969	-0.0726	0.7688	0.0000	3
128	0.6231	0.2946	0.3854	3.8379	2.2905	-0.1651	0.7815	0.0000	3

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
129	0.5691	0.2756	0.3362	16.0459	1.0566	-0.0833	0.7136	0.0000	3
130	0.3084	0.4048	0.1651	0.9189	1.1261	-0.0652	0.7887	0.2222	3
131	0.2004	0.4373	0.1876	1.0452	1.1177	-0.0243	0.7726	0.2222	3
132	0.2601	0.4778	0.1888	10.8015	1.0927	-0.0905	0.7894	0.2222	3
133	0.6536	0.4645	0.1788	5.1704	0.1207	-0.1058	1.2475	0.0000	3
134	0.5768	0.4704	0.1005	4.2772	1.3632	0.0356	1.0390	0.0000	3
135	0.6294	0.4970	0.1257	4.0976	1.2574	-0.1425	0.8980	0.0000	3
136	-0.0131	-0.3199	-0.0545	0.4429	0.0682	-0.0547	-0.3282	0.5000	3
137	-0.0037	0.3369	0.0566	0.3396	0.0597	-0.0866	-0.3378	0.5000	3
138	0.2626	-0.0388	0.2142	0.3396	0.0522	0.2483	-0.3231	0.5000	3
139	-1.0563	-1.0329	-0.2427	2.6339	0.0607	-0.1829	-0.3552	0.6667	1
140	-0.0781	-0.1812	0.0524	3.7878	0.0084	0.3778	-0.3533	0.6667	2
141	-0.0228	-0.3742	-0.0305	2.2026	0.0623	-0.0535	-0.3112	0.6667	1
142	0.3971	0.1542	0.0203	1.6618	1.7342	0.0875	1.2761	0.0000	2
143	0.3563	0.1576	0.0296	0.9748	2.1189	-0.1511	2.1418	0.0000	3
144	0.3431	0.1823	0.0418	0.6696	2.1867	-0.0397	1.5356	0.0000	3
145	-0.0815	0.0458	0.0220	0.1051	0.4895	0.0077	0.1920	0.0000	1
146	-0.1210	0.0353	0.0292	0.1950	0.4284	0.0561	0.1667	0.0000	1
147	-0.1073	0.0359	0.0388	0.0905	0.4165	0.0023	0.0585	0.0000	1
148	0.3781	0.3332	0.0825	0.5239	0.5199	0.0073	0.1209	0.1429	2
149	0.3704	0.3488	0.0809	0.6930	0.5887	-0.0048	0.2021	0.1429	2
150	0.2781	0.3497	0.0776	4.6440	0.5980	-0.0381	0.2240	0.1429	3
151	0.0246	0.1752	-0.0028	1.8223	1.0663	-0.1651	0.7333	0.0000	2
152	0.0279	0.0732	0.0180	2.1302	1.1044	0.0018	0.6016	0.0000	2
153	0.2806	-0.0564	0.0364	3.0675	0.9821	-0.0287	0.5047	0.0000	3
154	-0.0054	0.0593	0.0718	0.2557	0.8075	-0.0214	0.3044	0.6000	1

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
155	0.0171	0.0703	0.0665	0.2368	0.8070	-0.0941	0.4960	0.6000	1
156	0.0529	0.0938	0.0709	0.3120	1.0027	0.0557	0.4456	0.6000	1
157	0.3852	0.2821	0.0727	2.2598	0.8878	-0.0416	0.5637	0.3333	3
158	0.3281	0.2353	0.0563	1.5792	0.9402	-0.0437	0.7661	0.3333	2
159	0.3629	0.2612	0.0433	1.2550	0.9408	-0.0364	0.5383	0.3333	2
160	0.1237	0.2431	0.0995	1.6257	0.7981	-0.0571	0.4322	0.2222	2
161	0.0214	0.2414	0.0947	1.4031	0.7603	-0.0491	0.4102	0.2222	2
162	0.0698	0.2784	0.1003	1.6569	0.7962	-0.1145	0.3765	0.2222	2
163	0.0154	0.1565	0.0531	0.1133	0.9643	-0.1211	0.5140	0.0000	1
164	0.0143	0.2350	0.0608	0.1133	1.0364	-0.0324	0.7000	0.0000	1
165	0.0137	0.2848	0.0693	0.2966	1.0188	-0.0367	0.4678	0.0000	2
166	0.3452	0.2361	0.0677	2.8533	0.0808	-0.1173	0.3772	0.3333	2
167	0.3694	0.2534	0.0597	0.5055	0.9669	-0.0440	0.5615	0.3333	2
168	0.2804	0.2327	0.0461	5.7580	0.7379	-0.0638	0.4194	0.3333	3
169	0.2151	0.1329	0.0793	0.4778	0.4097	-0.0718	0.0668	0.0000	1
170	0.2798	0.1787	0.1011	0.4778	0.3811	-0.0275	0.0807	0.0000	1
171	0.2801	0.2117	0.0674	0.6740	0.3791	-0.0497	-0.0427	0.0000	1
172	0.3258	0.7041	0.0650	18.7601	0.5000	-0.0597	0.0767	0.5556	3
173	0.3019	0.6799	0.0387	14.8717	0.5466	-0.0595	0.1243	0.5556	3
174	0.3232	0.6750	0.0662	15.1347	0.5753	-0.0918	0.1702	#VALUE!	3
175	-0.0091	0.2104	0.0295	0.4554	0.6912	-0.0642	0.3008	0.2500	1
176	0.0085	0.2240	0.0464	0.4554	0.7243	-0.0411	0.3835	0.2500	1
177	0.0444	0.2447	0.0443	0.3777	0.7324	-0.0857	0.2453	0.2500	1
178	0.1838	0.1020	0.0033	0.2410	0.5842	-0.1453	0.1991	0.6000	1
179	0.1634	0.1060	0.0092	0.1687	0.6879	0.0433	0.3037	0.6000	1
180	0.1563	0.1361	0.0757	0.3976	0.7605	-0.0636	0.3407	0.6000	1

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
181	0.0385	0.0863	0.0579	0.0001	1.1331	-0.0285	0.9260	0.7500	1
182	0.0612	0.1096	0.0586	0.6829	1.5409	0.0158	1.2044	0.7500	2
183	0.1372	0.2030	0.1026	0.8243	1.5492	-0.0529	0.9414	0.7500	2
184	0.2220	-2.0900	-0.0313	0.0208	0.1261	-0.0339	-0.3629	0.0000	1
185	0.2865	-3.0209	-0.2549	0.0129	0.0008	-0.2237	-0.4163	0.0000	1
186	0.2405	-3.1958	-0.0111	0.0133	0.0003	-0.1048	-0.3976	0.0000	1
187	0.3044	0.2349	0.1079	1.3499	1.4037	-0.0140	1.0778	0.2000	3
188	0.2392	0.2652	0.1668	1.9661	1.4764	-0.0155	1.3440	0.2000	3
189	0.1925	0.2727	0.1176	1.2200	1.4586	-0.0327	1.1077	0.2000	3
190	0.2120	0.1072	0.0879	4.2558	1.0261	0.0463	0.8819	0.0000	3
191	0.1686	0.2393	0.0809	2.3657	0.8072	0.0135	0.9428	0.0000	3
192	-0.0026	0.1339	0.0273	0.6346	0.5122	0.1132	0.4162	0.0000	1
193	0.3018	0.3374	0.1423	1.3912	1.0574	0.1904	1.2311	0.0000	3
194	0.3980	0.3808	0.0952	0.9970	1.3067	0.0287	0.9609	0.0000	3
195	0.4720	0.4559	0.1477	1.7920	1.2655	0.1228	0.9397	0.0000	3
196	0.0926	0.1137	0.0361	0.7117	0.9840	0.0015	1.4153	0.0000	1
197	0.1084	0.1311	-0.0438	0.5871	0.9577	-0.0446	0.5754	0.0000	1
198	0.1196	0.1587	0.0449	0.7809	0.8946	0.0620	0.4547	0.0000	2
199	0.0995	0.2351	0.0981	0.2643	1.6905	0.0827	1.4805	0.6667	2
200	0.0858	0.2796	0.0747	0.4843	1.6731	-0.0385	1.2753	0.6667	2
201	0.0971	0.3614	0.1133	0.7341	1.7827	-0.1676	1.1312	0.6667	3
202	0.2024	-0.2511	-0.0540	4.3797	0.4583	-0.0753	0.0369	0.0000	2
203	0.2160	-0.2999	-0.0552	4.2705	0.5139	-0.0725	0.0931	0.0000	2
204	0.1165	-0.7967	-0.4107	2.9299	0.5968	-0.2836	0.0311	0.0000	1
205	0.5218	-0.1131	0.0767	0.8148	0.7590	-0.0512	0.3573	0.0000	1
206	0.5277	-0.0768	0.0011	1.3187	0.5641	-0.0557	0.1377	0.0000	1

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
207	0.5446	-0.1123	-0.0236	0.8516	0.5959	-0.1282	0.1464	0.0000	1
208	0.4704	0.7696	0.1951	2.9101	1.2146	0.0041	0.8765	0.0000	3
209	0.4608	0.7755	0.1822	2.4986	1.1614	-0.0421	0.8217	0.0000	3
210	0.4266	0.7580	0.1631	2.1336	1.1169	-0.0264	0.8031	0.0000	3
211	-0.0827	-0.1466	0.0108	0.2591	0.3522	-0.1148	-0.0163	0.0000	1
212	-0.2295	-0.4529	-0.0265	0.2262	0.4864	-0.0590	0.0673	0.0000	1
213	-0.5485	-0.6609	-0.1659	0.1439	0.4320	-0.2102	-0.0184	0.0000	1
214	0.5123	0.5841	0.0221	0.4761	0.5128	-0.0168	0.0997	0.4000	2
215	0.5304	0.6050	0.0296	1.6003	0.6092	-0.0093	0.2084	0.4000	3
216	0.5397	0.6028	0.0034	1.1100	0.5414	-0.0054	0.1257	0.4000	2
217	0.2538	-0.1503	0.0030	0.0367	0.4927	-0.0445	0.0989	0.7500	1
218	0.1858	-0.2184	-0.0748	0.0318	0.5791	-0.1184	0.1381	0.7500	1
219	0.1034	-0.2894	-0.0418	0.2002	0.7016	-0.1062	0.2448	0.7500	1
220	0.4260	0.7437	0.1067	1.9479	1.3922	-0.0792	0.8982	0.0000	3
221	0.4642	0.7682	0.0304	2.0369	1.4999	-0.0277	1.0067	0.0000	3
222	0.3969	0.7062	-0.1299	1.3659	1.2087	-0.1278	0.6293	0.0000	3
223	-0.0419	0.2209	0.0011	0.6987	1.3362	-0.0922	0.9663	0.0000	2
224	0.1689	0.2526	0.0918	1.3322	1.5466	-0.0592	1.2073	0.0000	3
225	0.0664	0.2632	0.0934	0.8588	1.6037	-0.0724	1.2531	0.0000	2
226	-0.0139	0.0778	0.0035	0.5728	0.4286	-0.1063	0.0728	0.0000	1
227	-0.0499	-0.1238	-0.0305	1.4773	0.5631	-0.1645	0.1239	0.0000	1
228	0.1253	-0.1799	0.0122	1.1883	0.7055	-0.0003	0.1374	0.0000	1
229	0.3435	0.2240	-0.0218	0.3926	0.9371	-0.0093	0.5905	0.4000	2
230	0.2348	-0.0321	-0.2120	0.0031	0.7755	-0.1703	0.2204	0.4000	1
231	0.1066	-0.1460	-0.1148	0.2826	0.9095	-0.1125	0.3922	0.4000	1
232	0.4545	0.6794	0.2462	1.6444	1.3656	-0.0038	1.0868	0.0000	3

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
233	0.2089	0.3787	0.0373	2.5864	0.4845	1.1530	0.8974	0.0000	2
234	0.4505	0.6149	0.1394	4.1583	0.8264	0.2224	0.1698	0.0000	3
235	-0.0905	0.4150	0.7091	1.9938	1.3505	-0.0414	1.0326	0.0000	3
236	-0.1211	0.3960	0.5786	1.9578	1.2631	-0.1148	0.9953	0.0000	3
237	-0.1470	0.3875	0.5677	1.8652	1.2811	-0.0770	0.8354	0.0000	3
238	-0.0364	-0.3026	0.0098	0.2274	1.2102	-0.0569	0.3942	0.4000	1
239	-0.0152	-0.2623	0.0503	0.5275	1.0595	-0.0531	0.6359	0.4000	1
240	0.0504	-0.2177	0.0628	0.2872	0.6751	-0.0517	0.3090	0.4000	1
241	0.5579	0.8866	0.0073	0.6750	0.6930	-0.0015	0.2841	0.6667	3
242	0.5068	0.4532	0.0148	0.5323	0.5872	-0.0111	0.1842	0.6667	2
243	0.5064	0.4357	0.0171	0.3990	0.5729	-0.0043	0.1776	0.6667	2
244	0.4157	0.4521	0.1650	5.9730	1.3956	0.0044	1.1525	0.6000	3
245	0.4481	0.4491	0.1494	6.4735	1.3677	0.0628	1.1525	0.6000	3
246	0.4754	0.4843	0.1580	5.0159	1.3146	-0.0916	0.9699	0.6000	3
247	-0.2542	-0.4985	-0.0383	0.3463	0.4743	-0.3053	0.5731	0.3333	1
248	-0.4963	-0.6971	-0.0369	0.2404	0.6369	-0.0759	0.2689	0.3333	1
249	-0.2492	-0.7567	-0.0509	0.1286	0.5010	-0.0673	0.1047	0.3333	1
250	0.1159	-0.0492	0.0206	1.1554	1.2035	0.0894	0.8416	0.2000	3
251	0.0551	-0.0485	0.0162	1.1554	1.1039	0.0597	0.9576	0.2500	3
252	0.0939	-0.0302	0.0358	1.1554	1.0751	-0.0609	0.6057	0.2500	2
253	0.5985	0.1153	0.0496	0.7583	0.9581	0.0434	0.6465	0.0000	2
254	0.6582	0.1441	0.0669	0.7627	1.0558	0.0397	0.7273	0.0000	2
255	0.6793	0.1561	0.0672	0.6028	1.0101	0.0524	0.6505	0.0000	2
256	0.2273	0.1986	0.0839	0.2942	1.0372	0.0155	0.7208	0.0000	2
257	0.1143	0.1910	0.0690	0.2568	0.9099	-0.1037	0.6319	0.0000	1
258	-0.1645	0.1463	0.0547	1.1698	0.6830	0.2206	0.4716	0.0000	1

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
259	-4.2651	-9.5145	0.0218	0.0563	1.7264	-0.1247	1.2811	0.0000	1
260	-4.0559	-9.1898	0.0640	0.1076	2.0113	0.0357	1.7601	0.0000	1
261	-4.0375	-9.0946	-0.0149	0.0090	1.6547	-0.0910	1.1137	0.0000	1
262	-0.0181	0.0260	0.0026	0.1781	0.2260	-0.0363	-0.1691	0.0000	1
263	-0.0841	0.0310	0.0050	0.1310	0.3515	-0.0504	-0.0185	0.0000	1
264	-0.2178	0.0052	0.0055	0.0943	0.2055	-0.0684	-0.1770	0.0000	1
265	0.0508	-0.1206	0.1018	0.9416	2.0254	0.0244	1.6494	0.6000	2
266	0.0116	-0.2086	-0.0036	0.6080	1.9122	-0.1460	1.4466	0.6000	2
267	-0.1210	-0.2526	0.0430	0.3750	1.6035	-0.1947	1.2596	0.6000	1
268	0.2050	0.0185	0.0096	1.4115	1.2780	-0.1444	0.8660	0.4000	1
269	0.0564	0.0482	0.0579	1.1758	1.3373	-0.1906	5.6064	0.4000	2
270	0.0776	0.0915	0.0148	1.1296	2.0473	-0.0169	0.6647	0.4000	2
271	0.3517	0.6553	0.0756	1.9311	1.3976	-0.1457	0.8502	0.0000	3
272	0.3114	0.3387	0.0008	1.4844	1.3389	-0.0504	1.0736	0.0000	3
273	0.3603	0.3625	0.0801	1.6038	1.2952	-0.1035	0.8432	0.0000	3
274	0.1198	0.0542	0.0714	0.1019	1.1644	-0.1801	0.8014	0.0000	1
275	0.1410	0.0540	0.0194	0.0961	1.3691	-0.1398	1.0821	0.0000	1
276	0.1669	0.0597	0.0809	0.0822	1.3281	0.1020	0.9461	0.0000	2
277	0.3065	-0.8957	-0.0223	2.6807	1.4385	-0.0595	1.0696	0.0000	2
278	0.2390	-0.4611	-0.0145	2.3414	1.4734	-0.0472	0.0799	0.0000	2
279	0.3244	-0.4015	0.0000	1.3970	0.4828	0.0451	0.1263	0.0000	1
280	0.2835	0.2617	0.0564	4.5346	0.5463	-0.1190	0.4317	0.4000	3
281	0.3071	0.3040	0.0442	5.0266	0.6289	-0.0580	0.2004	0.4000	3
282	0.1639	0.3343	0.0735	5.0598	0.7127	-0.0784	0.3472	0.4000	3
283	0.2304	0.3036	0.0860	1.4387	1.1062	0.0915	1.3371	0.2000	2
284	0.2640	0.3387	0.0824	1.4258	1.2389	0.0696	0.8439	0.2000	3

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
285	0.3024	0.3759	0.1043	1.4974	1.2955	0.0171	0.9204	0.2000	3
286	0.1845	0.2130	0.0133	0.1047	1.6133	-0.0870	1.0940	0.0000	2
287	0.5159	0.2592	0.1181	0.0921	1.3484	0.1973	1.1487	0.0000	2
288	0.6540	0.3799	0.0000	0.1304	1.2988	-0.1830	0.6760	0.0000	2
289	0.2003	0.1327	0.0319	2.0575	1.1346	0.0849	1.3614	0.3750	2
290	0.1332	0.1301	0.0260	1.6415	1.1031	0.0172	0.7632	0.3750	2
291	0.1213	0.1289	0.0261	0.9020	1.1562	0.0233	0.7454	0.3750	2
292	0.0874	0.1364	0.0649	2.3115	1.4368	-0.0084	1.1368	0.6000	3
293	0.0875	0.1587	0.0725	2.5391	1.3984	-0.0144	1.1704	0.6000	3
294	0.1076	0.2020	0.0988	2.7094	1.6199	-0.0559	1.2436	0.6000	3
295	0.0899	0.2406	0.0380	2.2910	0.3066	-0.0612	-0.0363	0.0000	2
296	0.1304	0.2269	0.0447	8.4198	0.3604	-0.0472	0.0029	0.0000	3
297	0.1083	0.2276	0.0000	2.0921	0.3589	-0.0562	-0.0288	0.0000	2
298	-0.2101	0.0194	0.0011	0.9083	0.4780	-0.1279	0.0749	0.0000	1
299	0.0046	-0.0239	0.0024	1.1791	0.5559	-0.1109	0.1281	0.0000	1
300	0.0124	0.0379	0.0637	0.7185	0.5651	-0.0202	0.1887	0.0000	1
301	0.1021	0.5460	0.0561	3.1700	0.5680	-0.0698	0.2212	0.0000	3
302	0.1526	0.5593	0.0802	3.7033	0.5999	-0.0686	0.2199	0.0000	3
303	0.0554	0.3731	0.0775	1.5502	0.5058	-0.1318	0.3777	0.0000	2
304	0.4708	0.5697	0.2958	1.1702	1.3670	-0.0003	1.0232	0.2000	3
305	0.4940	0.5949	0.2970	1.2386	1.4042	-0.0179	1.1490	0.2000	3
306	0.5398	0.6093	0.2664	1.2909	1.2668	-0.0533	0.9509	0.2000	3
307	0.3939	0.2025	0.1134	0.2177	0.6366	0.0678	0.4000	0.2500	2
308	0.3499	0.2302	0.1004	0.1851	0.7579	-0.0227	0.5260	0.2500	2
309	0.4568	0.2549	0.1170	0.3958	0.7579	0.0322	0.4045	0.2500	2
310	0.3437	0.0506	0.0634	1.2689	0.7989	-0.1219	0.3048	0.6667	2

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
311	0.3866	0.1168	0.0945	0.1815	0.8751	-0.0195	0.4901	0.6667	2
312	0.4103	0.1502	0.0901	1.5468	0.8784	0.0165	0.5638	0.6667	2
313	0.2132	-0.2429	-0.0356	1.1317	0.5677	-0.1100	0.1119	0.5000	3
314	0.2886	-0.2597	0.0032	1.4500	0.7297	-0.0607	0.2563	0.5000	3
315	0.1892	-0.3152	-0.0018	1.9738	0.6879	-0.1238	0.2122	0.5000	1
316	0.3340	0.0131	0.0341	3.8192	0.1863	-0.1468	-0.2262	0.0000	3
317	0.3524	0.0131	0.0378	1.3791	0.2140	-0.0869	-0.1758	0.0000	1
318	0.8440	0.0173	0.0199	8.1787	0.1354	-0.1290	-0.2593	0.0000	3
319	0.2481	0.5326	0.1232	5.9641	1.2062	-0.0688	0.7647	0.0000	3
320	0.2182	0.5712	0.1234	4.9883	1.0744	-0.0255	0.7616	0.0000	3
321	0.2627	0.6890	0.2178	8.0362	1.2190	-0.0381	0.8873	0.0000	3
322	-0.0162	-2.5826	0.0711	0.1891	0.7988	-0.0169	0.3141	0.0000	1
323	-0.4857	-2.0731	0.0682	0.0870	0.9275	-0.0648	0.7968	0.0000	1
324	-0.5965	-2.0864	-0.0424	0.1427	0.6276	-0.1593	0.2027	0.0000	1
325	0.0310	0.0010	0.0919	0.1007	3.7655	0.1242	4.2124	0.0000	3
326	0.0019	0.0342	0.0784	0.0889	3.8608	0.0857	4.2463	0.0000	3
327	0.0537	0.0748	0.0930	0.2067	3.7913	-0.0231	2.3220	0.0000	3
328	0.4305	1.3117	0.0954	0.7148	1.1459	-0.1143	0.7939	0.5455	3
329	0.4507	0.6884	0.0757	0.7338	1.0833	-0.0358	0.6808	0.5455	3
330	0.4595	0.6781	0.0738	4.1570	1.0992	-0.0183	0.7045	0.5455	3
331	0.2258	0.0121	0.0213	1.4215	0.6540	-0.1032	0.2744	0.0000	1
332	0.2523	0.0125	-0.0012	1.6245	0.7087	-0.0578	0.3381	0.0000	1
333	0.2576	-0.0034	-0.0148	6.9167	0.6028	-0.1192	0.1468	0.0000	3
334	0.0887	-0.1163	-0.0014	0.1224	0.9259	-0.0073	0.5360	0.0000	1
335	0.0531	-0.1478	0.0100	0.0750	1.1294	-0.0589	0.7688	0.0000	1
336	0.0112	-0.2101	-0.0312	0.0565	0.7211	-0.0797	0.2752	0.0000	1

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
337	0.0832	0.1089	0.0105	1.1120	0.3918	-0.0259	0.0184	0.0000	1
338	0.1304	0.1755	0.0155	1.2220	0.3561	0.0595	0.0504	0.0000	1
339	0.1106	0.2207	0.0776	1.3722	0.3419	-0.0159	-0.0561	0.0000	1
340	0.2629	0.5573	0.1322	3.7173	0.7684	-0.0763	0.4164	0.0000	3
341	0.3057	0.5992	0.1549	3.7115	0.7691	-0.0220	0.3696	0.0000	3
342	0.3336	0.6041	0.0586	3.0310	0.7045	-0.0619	0.2932	0.0000	3
343	0.2818	0.2769	0.1584	5.5400	0.8096	-0.0815	0.7286	0.0000	3
344	0.2255	0.2924	0.1050	6.5400	0.8014	-0.1207	0.5074	0.0000	3
345	0.1753	0.2661	0.0276	7.8747	0.5450	-0.0946	0.1503	0.0000	3
346	0.3142	0.1738	0.0613	1.7096	1.4199	-0.0853	0.7516	0.0000	3
347	0.2633	0.1485	0.0656	0.8327	1.3597	-0.1742	2.0491	0.0000	2
348	0.2971	0.0782	0.0818	1.7172	1.2889	-0.0466	0.8394	0.0000	3
349	0.0664	0.3020	0.0120	0.7737	0.0908	-0.0963	0.2995	0.0000	1
350	0.0420	0.2499	0.0183	0.5486	0.6140	-0.0642	0.3726	0.0000	1
351	0.0216	0.2536	0.0155	0.4907	0.5900	-0.0543	0.1926	0.0000	1
352	0.4098	1.1216	0.0853	3.4426	1.2866	-0.0196	0.9965	0.0000	3
353	0.3928	0.5767	0.0893	2.5665	1.2818	-0.0035	0.9050	0.0000	3
354	0.4155	0.5835	0.0900	2.4315	1.3130	-0.0634	0.9441	0.0000	3
355	0.5050	0.0521	1.8495	1.5295	0.9407	-0.1067	0.7114	0.6667	3
356	0.3885	0.7288	0.1607	1.9973	0.9851	0.0038	0.6251	0.6667	3
357	0.4359	0.7479	0.1924	2.0361	0.9445	-0.0333	0.6896	0.6667	3
358	0.4220	0.3570	0.0815	1.4863	1.4326	-0.0425	0.9817	0.2500	2
359	0.4646	0.3657	0.1324	1.4732	1.4822	0.0413	1.2398	0.2500	3
360	0.5498	0.4372	0.0692	2.4376	1.4657	-0.0178	0.8331	0.2500	3
361	-0.2428	0.2645	0.5023	3.1058	2.1794	-0.0407	1.9426	0.0000	3
362	-0.1439	0.3793	0.6289	2.9000	2.1412	0.0120	1.7038	0.0000	3

No	X1	X2	X3	X4	X5	X6	X7	X8	Y_Altman
363	-0.2196	0.2474	0.4901	20.8531	2.0786	-0.0977	1.6107	0.0000	3
364	0.1928	0.1893	0.1091	1.0004	1.0702	0.0422	0.9070	0.1667	2
365	0.1642	0.2032	0.0571	0.7977	1.0801	0.0000	0.8292	0.1667	2
366	0.3290	0.2290	0.1034	0.8708	0.8817	0.0007	0.6397	0.1667	2
367	0.0191	0.1323	0.0594	1.0087	0.7587	-0.0875	0.7241	0.0000	1
368	0.0701	0.1439	0.0697	0.0249	0.7803	-0.0645	0.5629	0.0000	1
369	0.0942	0.1597	0.0739	0.5743	0.6852	-0.0900	0.3832	0.0000	1
370	0.2718	0.0733	-0.0491	3.6533	0.9969	-0.0063	0.6261	0.5000	3
371	0.0166	0.0704	-0.0281	2.4484	1.2474	0.0210	0.9003	0.5000	2
372	0.1886	0.0952	0.0531	2.3418	1.3949	-0.2038	0.7202	0.5000	3

LAMPIRAN 4
HASIL OLAH DATA STATISTIK
MENGGUNAKAN ANALISIS MULTINOMIAL LOGISTIC REGRESSION

Case Processing Summary

		N	Marginal Percentage
FDP	Financially Distress Firm	144	38.7%
	Grey Area Firm	87	23.4%
	Healthy Firm	141	37.9%
FC	There is no Family Affiliation of CEO	298	80.1%
	Family Affiliation of CEO	74	19.9%
Valid		372	100.0%
Missing		0	
Total		372	
Subpopulation		372 ^a	

a. The dependent variable has only one value observed in 372 (100.0%) subpopulations.

Model Fitting Information

Model	Model Fitting Criteria	Likelihood Ratio Tests		
	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	799.732			
Final	709.901	89.831	6	.000

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	762.092	736	.245
Deviance	709.901	736	.749

Pseudo R-Square

Cox and Snell	.215
Nagelkerke	.243
McFadden	.112

Likelihood Ratio Tests

Effect	Model Fitting Criteria	Likelihood Ratio Tests		
	-2 Log Likelihood of Reduced Model	Chi-Square	df	Sig.

Intercept	709.901 ^a	.000	0	.
AEM	722.487	12.585	2	.002
REM	766.705	56.804	2	.000
FC	727.865	17.964	2	.000

The chi-square statistic is the difference in -2 log-likelihoods between the final model and a reduced model. The reduced model is formed by omitting an effect from the final model. The null hypothesis is that all parameters of that effect are 0.

a. This reduced model is equivalent to the final model because omitting the effect does not increase the degrees of freedom.

FDP ^a		Parameter Estimates					
		B	Std. Error	Wald	df	Sig.	Exp(B)
Financially Distress Firm	Intercept	.675	.379	3.169	1	.075	
	AEM	-4.431	1.494	8.797	1	.003	.012
	REM	-1.715	.285	36.252	1	.000	.180
	[FC=0]	-.178	.356	.250	1	.617	.837
	[FC=1]	0 ^b	.	.	0	.	.
Grey Area Firm	Intercept	.657	.315	4.346	1	.037	
	AEM	.574	1.100	.272	1	.602	1.775
	REM	-.167	.175	.913	1	.339	.846
	[FC=0]	-1.283	.328	15.312	1	.000	.277
	[FC=1]	0 ^b	.	.	0	.	.

Classification

Observed	Predicted			Percent Correct
	Financially Distress Firm	Grey Area Firm	Healthy Firm	
Financially Distress Firm	102	12	30	70.8%
Grey Area Firm	30	29	28	33.3%
Healthy Firm	44	15	82	58.2%
Overall Percentage	47.3%	15.1%	37.6%	57.3%

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
WCTA	372	-4.27	2.42	.1359	.48793
RETA	372	-9.51	1.31	-.0025	1.07780
EBITTA	372	-.46	1.85	.0670	.15036
MVEBH	372	.00	25.63	1.9182	2.83373
SATA	372	.00	6.33	.9847	.68722
AEM	372	-.63	1.14	-.0887	.11889
REM	372	-.94	1.50	-.0410	.16429
FDP	372	1	3	2.41	.766
FA_CEO	372	0	1	.20	.400
Valid N (listwise)	372				

LAMPIRAN 5
HASIL OLAH DATA STATISTIK
MENGGUNAKAN MULTIPLE DISCRIMINANT ANALYSIS

One-Sample Kolmogorov-Smirnov Test

		Standardized Residual
N		224
Normal Parameters ^{a,b}	Mean	.0000000
	Std. Deviation	.98189896
	Absolute	.057
Most Extreme Differences	Positive	.031
	Negative	-.057
Kolmogorov-Smirnov Z		.853
Asymp. Sig. (2-tailed)		.461

a. Test distribution is Normal.

b. Calculated from data.

DISCRIMINANT

/GROUPS=FDP(1 3)

/VARIABLES=WCTA RETA EBITTA MVEBD SATA AEM REM FC

/ANALYSIS ALL

/PRIORS EQUAL

/STATISTICS=MEAN STDDEV UNIVF BOXM RAW CORR COV GCOV TCOV TABLE

/PLOT=CASES

/CLASSIFY=NONMISSING POOLED.

Discriminant

Analysis Case Processing Summary

Unweighted Cases		N	Percent
Valid		224	100.0
	Missing or out-of-range group codes	0	.0
	At least one missing discriminating variable	0	.0
Exclude	Both missing or out-of-range group codes	0	.0
d	and at least one missing discriminating variable		
	Total	0	.0
Total		224	100.0

Group Statistics

FDP		Mean	Std. Deviation	Valid N (listwise)	
				Unweighte d	Weighte d
FD	WCTA	.0599	.17138	14	14.000
	RETA	-.1285	.17480	14	14.000
	EBITTA	-.0190	.03777	14	14.000
	MVEBD	.7454	.57398	14	14.000
	SATA	.5654	.42042	14	14.000
	AEM	-.0998	.04256	14	14.000
	REM	.0236	.20537	14	14.000
	FC	.1500	.20475	14	14.000
GREY	WCTA	.0845	.18628	55	55.000
	RETA	.0419	.20805	55	55.000
	EBITTA	.0131	.03840	55	55.000
	MVEBD	1.0246	.85990	55	55.000
	SATA	.8302	.35863	55	55.000
	AEM	-.0572	.06753	55	55.000
	REM	.3811	.26309	55	55.000
	FC	.1637	.21040	55	55.000
HEALTH Y	WCTA	.2290	.18165	155	155.000
	RETA	.2884	.19788	155	155.000
	EBITTA	.0690	.04227	155	155.000
	MVEBD	1.3645	1.06140	155	155.000
	SATA	.9243	.38788	155	155.000
	AEM	-.0412	.05918	155	155.000
	REM	.6317	.33976	155	155.000
	FC	.2831	.21493	155	155.000
Total	WCTA	.1830	.19421	224	224.000
	RETA	.2018	.24014	224	224.000
	EBITTA	.0498	.05059	224	224.000
	MVEBD	1.2423	1.00689	224	224.000
	SATA	.8787	.39183	224	224.000
	AEM	-.0488	.06204	224	224.000
	REM	.5321	.35734	224	224.000
	FC	.2455	.21970	224	224.000

Tests of Equality of Group Means

	Wilks' Lambda	F	df1	df2	Sig.
WCTA	.872	16.176	2	221	.000
RETA	.682	51.639	2	221	.000
EBITT A	.654	58.438	2	221	.000
MVEB D	.963	4.253	2	221	.015
SATA	.947	6.223	2	221	.002
AEM	.943	6.718	2	221	.001
REM	.775	32.111	2	221	.000
FC	.934	7.858	2	221	.001

Pooled Within-Groups Matrices^a

		WCTA	RETA	EBITTA	MVEBD	SATA	AEM
Covariance	WCTA	.033	.014	.001	.056	.002	.002
	RETA	.014	.040	.001	.076	.003	.001
	EBITTA	.001	.001	.002	.007	.004	3.134E-005
	MVEBD	.056	.076	.007	.985	.003	-.003
	SATA	.002	.003	.004	.003	.147	.001
	AEM	.002	.001	3.134E-005	-.003	.001	.004
	REM	.004	.001	.003	.009	.096	.003
	FC	.002	.000	.000	-.013	.023	.001
Correlation	WCTA	1.000	.393	.078	.311	.034	.170
	RETA	.393	1.000	.146	.383	.035	.064
	EBITTA	.078	.146	1.000	.171	.272	.013
	MVEBD	.311	.383	.171	1.000	.009	-.058
	SATA	.034	.035	.272	.009	1.000	.051
	AEM	.170	.064	.013	-.058	.051	1.000
	REM	.073	.013	.209	.028	.791	.181
	FC	.049	.003	.016	-.062	.280	.061

Pooled Within-Groups Matrices^a

		REM	FC
Covariance	WCTA	.004	.002
	RETA	.001	.000
	EBITTA	.003	.000

Correlation	MVEBD	.009	-0.013
	SATA	.096	.023
	AEM	.003	.001
	REM	.100	.014
	FC	.014	.045
	WCTA	.073	.049
	RETA	.013	.003
	EBITTA	.209	.016
	MVEBD	.028	-0.062
	SATA	.791	.280
	AEM	.181	.061
	REM	1.000	.210
	FC	.210	1.000

a. The covariance matrix has 221 degrees of freedom.

Covariance Matrices^a

FDP		WCTA	RETA	EBITTA	MVEBD	SATA	AEM	REM
FD	WCTA	.029	-.004	-.002	-.001	-.005	.000	.010
	RETA	-.004	.031	.003	.021	-.027	.001	-.019
	EBITTA	-.002	.003	.001	-.003	.002	.000	-.001
	MVEBD	-.001	.021	-.003	.329	.016	.004	-.019
	SATA	-.005	-.027	.002	.016	.177	-.009	.067
	AEM	.000	.001	.000	.004	-.009	.002	-.003
	REM	.010	-.019	-.001	-.019	.067	-.003	.042
	FC	-.002	-.010	.001	-.040	.032	-.004	.007
GREY	WCTA	.035	.005	.000	.049	-.006	.002	-.002
	RETA	.005	.043	-.002	-.004	-.001	.002	-.001
	EBITTA	.000	-.002	.001	-.002	.003	.000	.003
	MVEBD	.049	-.004	-.002	.739	.040	-.006	.042
	SATA	-.006	-.001	.003	.040	.129	-.001	.071
	AEM	.002	.002	.000	-.006	-.001	.005	.002
	REM	-.002	-.001	.003	.042	.071	.002	.069
	FC	.011	.003	-.001	.021	.022	.000	.009
HEALTH Y	WCTA	.033	.019	.001	.063	.006	.002	.006
	RETA	.019	.039	.002	.108	.007	.000	.003
	EBITTA	.001	.002	.002	.011	.005	.000	.003
	MVEBD	.063	.108	.011	1.127	-.010	-.003	.000
	SATA	.006	.007	.005	-.010	.150	.003	.107
	AEM	.002	.000	.000	-.003	.003	.004	.004

Total	REM	.006	.003	.003	.000	.107	.004	.115
	FC	-.001	.000	.000	-.023	.022	.001	.016
	WCTA	.038	.023	.003	.069	.007	.003	.015
	RETA	.023	.058	.005	.101	.014	.003	.023
	EBITTA	.003	.005	.003	.013	.007	.000	.008
	MVEBD	.069	.101	.013	1.014	.020	-.001	.041
	SATA	.007	.014	.007	.020	.154	.003	.110
	AEM	.003	.003	.000	-.001	.003	.004	.006
	REM	.015	.023	.008	.041	.110	.006	.128
	FC	.006	.008	.002	-.002	.027	.001	.023

Covariance Matrices^a

FDP		FC	
FD	WCTA		-.002
	RETA		-.010
	EBITTA		.001
	MVEBD		-.040
	SATA		.032
	AEM		-.004
	REM		.007
	FC		.042
GREY	WCTA	.011	
	RETA	.003	
	EBITTA	-.001	
	MVEBD	.021	
	SATA	.022	
	AEM	.000	
	REM	.009	
	FC	.044	
HEALTHY	WCTA	-.001	
	RETA	.000	
	EBITTA	.000	
	MVEBD	-.023	
	SATA	.022	
	AEM	.001	
	REM	.016	
	FC	.046	
Total	WCTA	.006	
	RETA	.008	
	EBITTA	.002	
	MVEBD	-.002	

SATA	.027
AEM	.001
REM	.023
FC	.048

a. The total covariance matrix has 223 degrees of freedom.

Analysis 1

Box's Test of Equality of Covariance Matrices

Log Determinants

FDP	Rank	Log Determinant
FD	8	-32.568
GREY	8	-28.142
HEALTHY	8	-27.770
Pooled within-groups	8	-27.625

The ranks and natural logarithms of determinants printed are those of the group covariance matrices.

Test Results

Box's M	114.569
Approx.	1.347
F	
df1	72
df2	4089.534
Sig.	.028

Tests null hypothesis of equal population covariance matrices.

Summary of Canonical Discriminant Functions

Eigenvalues

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
1	1.338 ^a	96.8	96.8	.756
2	.044 ^a	3.2	100.0	.206

a. First 2 canonical discriminant functions were used in the analysis.

Wilks' Lambda

Test of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
1 through 2	.410	194.145	16	.000
2	.958	9.420	7	.224

Standardized Canonical Discriminant Function Coefficients

	Function	
	1	2
WCTA	.062	-.562
RETA	.560	.181
EBITTA	.589	-.293
MVEBD	-.169	.199
SATA	-.745	.417
AEM	-.002	.530
REM	.867	.320
FC	.227	-.445

Structure Matrix

	Function	
	1	2
EBITTA	.628*	-.096
RETA	.591*	.045
MVEBD	.169*	.053
REM	.455	.559*
AEM	.194	.483*
SATA	.185	.483*
WCTA	.325	-.347*
FC	.225	-.273*

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

Variables ordered by absolute size of correlation within function.

*. Largest absolute correlation between each variable and any discriminant function

**Canonical Discriminant
Function Coefficients**

	Function	
	1	2
WCTA	.343	-3.086
RETA	2.812	.910
EBITTA	14.339	-7.120
MVEBD	-.171	.200
SATA	-1.945	1.090
AEM	-.031	8.759
REM	2.745	1.014
FC	1.065	-2.088
(Constant)	-1.146	-.070

Unstandardized coefficients

**Functions at Group
Centroids**

FDP	Function	
	1	2
FD	-2.759	-.635
GREY	-1.379	.267
HEALTHY	.739	-.037

Unstandardized canonical
discriminant functions
evaluated at group means

Classification Statistics

Classification Processing Summary

Processed	224
Missing or out-of-range group codes	0
Excluded At least one missing discriminating variable	0
Used in Output	224

Prior Probabilities for Groups

FDP	Prior	Cases Used in Analysis	
		Unweighted	Weighted
FD	.333	14	14.000
GREY	.333	55	55.000
HEALTHY	.333	155	155.000

Total	1.000	224	224.000
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Casewise Statistics

Case Number	Actual Group	Highest Group					Second Highest Group			Discriminant Scores	
		Predicted Group	P(D>d G=g)		P(G=g D=d)	Squared Mahalanobis Distance to Centroid	Group	P(G=g D=d)	Squared Mahalanobis Distance to Centroid	Function 1	Function 2
			p	df							
1	2	2	.410	2	.505	1.784	3	.380	2.352	-.587	-.808
2	2	3**	.447	2	.674	1.612	2	.287	3.317	-.079	-1.009
3	3	3	.447	2	.474	1.609	2	.460	1.671	-.406	-.584
4	3	3	.851	2	.746	.323	2	.244	2.558	.175	-.111
5	3	3	.437	2	.662	1.656	2	.296	3.266	-.102	-1.012
6	3	3	.504	2	.978	1.370	2	.022	8.995	1.576	.781
7	3	3	.423	2	.990	1.720	2	.010	10.932	1.705	-.924
8	1	1	.978	2	.831	.044	2	.168	3.237	-2.962	-.588
9	1	1	.723	2	.566	.649	2	.430	1.198	-2.463	.114
10	1	1	.961	2	.721	.079	2	.277	1.992	-2.632	-.383
11	3	3	.194	2	.991	3.282	2	.009	12.628	1.638	-1.610
12	3	3	.593	2	.899	1.046	2	.095	5.531	.572	-1.046
13	2	2	.616	2	.566	.968	3	.343	1.967	-.625	-.365
14	3	2**	.650	2	.569	.862	3	.394	1.594	-.457	.370
15	2	2	.877	2	.713	.262	3	.203	2.774	-.877	.367
16	2	3**	.585	2	.510	1.073	2	.454	1.307	-.296	-.098
17	3	3	.570	2	.989	1.124	2	.011	10.206	1.798	-.063
18	3	3	.933	2	.956	.139	2	.044	6.314	1.108	-.090
19	3	3	.962	2	.946	.078	2	.053	5.846	1.012	-.093
20	3	3	.317	2	.593	2.297	2	.401	3.076	.035	1.305
21	3	3	.693	2	.858	.733	2	.141	4.342	.632	.812
22	3	3	.880	2	.909	.256	2	.090	4.887	.823	.461
23	2	2	.928	2	.785	.151	1	.150	3.455	-1.418	.653

24	3	3	.422	2	.991	1.724	2	.009	11.190	1.961	.440
25	3	3	.347	2	.993	2.116	2	.007	12.019	2.078	.531
26	3	3	.859	2	.927	.305	2	.072	5.413	.938	.477
27	3	3	.876	2	.877	.265	2	.119	4.267	.535	-.510
28	3	3	.627	2	.875	.934	2	.118	4.935	.469	-.966
29	2	2	.970	2	.700	.060	1	.257	2.064	-1.624	.246
30	2	1**	.886	2	.652	.241	2	.344	1.519	-2.517	-.207
31	3	3	.169	2	.991	3.560	2	.009	12.938	1.633	-
32	3	3	.154	2	.668	3.748	2	.257	5.656	-.140	-
33	3	3	.462	2	.628	1.545	2	.328	2.844	-.159	-.897
34	3	3	.776	2	.949	.508	2	.050	6.403	.952	-.717
35	3	3	.339	2	.651	2.165	2	.296	3.739	-.140	-
36	3	3	.693	2	.610	.735	2	.367	1.752	-.114	-.123
37	3	3	.724	2	.627	.647	2	.355	1.783	-.058	.075
38	3	3	.674	2	.657	.790	2	.318	2.243	-.056	-.435
39	3	3	.594	2	.978	1.041	2	.022	8.619	1.327	-.871
40	3	3	.744	2	.684	.591	2	.298	2.255	.014	-.294
41	3	2**	.593	2	.508	1.045	3	.447	1.302	-.403	-.036
42	2	1**	.806	2	.656	.431	2	.335	1.777	-2.133	-.833
43	2	2	.581	2	.850	1.088	1	.078	5.875	-1.309	1.308
44	2	2	.613	2	.562	.979	3	.407	1.629	-.418	.502
45	3	3	.531	2	.985	1.268	2	.015	9.693	1.532	-.836
46	3	3	.421	2	.994	1.729	2	.006	11.818	1.976	-.481
47	3	3	.204	2	.996	3.175	2	.004	14.172	2.087	-
48	3	3	.585	2	.988	1.074	2	.012	9.939	1.693	-.440
49	2	2	.056	2	.770	5.777	1	.228	8.208	-2.766	2.230
50	2	2	.743	2	.716	.594	1	.267	2.568	-1.971	.761
51	3	2**	.176	2	.597	3.472	3	.394	4.304	-.279	1.771
52	3	2**	.946	2	.774	.111	1	.120	3.831	-1.199	.547
53	3	3	.569	2	.989	1.128	2	.011	10.150	1.735	-.406
54	3	3	.953	2	.875	.096	2	.123	4.016	.625	.251
55	2	2	.752	2	.819	.570	3	.095	4.868	-1.208	1.002
56	1	1	.053	2	.888	5.863	2	.112	10.003	-4.424	1.123
57	2	2	.296	2	.870	2.432	1	.108	6.607	-1.827	1.761
58	2	2	.903	2	.770	.203	3	.133	3.712	-1.078	.603

59	2	2	.128	2	.898	4.119	3	.073	9.131	-1.191	2.288
60	2	2	.073	2	.671	5.241	3	.322	6.709	-.351	2.312
61	3	3	.084	2	.999	4.943	2	.001	18.903	2.961	.013
62	3	3	.663	2	.986	.822	2	.014	9.277	1.637	-.158
63	2	2	.894	2	.738	.224	3	.175	3.107	-.950	.467
64	2	3**	.722	2	.634	.653	2	.345	1.868	-.066	-.112
65	3	3	.168	2	.998	3.569	2	.002	16.088	2.525	-.652
66	3	3	.589	2	.986	1.059	2	.014	9.626	1.600	-.601
67	1	1	.587	2	.955	1.066	2	.045	7.167	-3.678	-
											1.106
68	1	3**	.172	2	.617	3.524	2	.296	4.993	-.227	-
											1.648
69	2	1**	.456	2	.945	1.572	2	.055	7.256	-3.990	-.397
70	3	3	.237	2	.692	2.876	2	.306	4.511	.278	1.595
71	2	2	.692	2	.773	.737	3	.173	3.738	-.904	.982
72	2	2	.445	2	.776	1.619	3	.192	4.418	-.797	1.398
73	3	3	.461	2	.682	1.548	2	.313	3.106	.186	1.077
74	3	3	.361	2	.995	2.039	2	.005	12.707	2.131	-.354
75	3	3	.719	2	.891	.659	2	.104	4.961	.560	-.829
76	2	2	.800	2	.791	.446	3	.132	4.034	-1.061	.854
77	2	2	.207	2	.903	3.155	1	.059	8.627	-1.537	2.036
78	2	2	.854	2	.751	.317	1	.218	2.788	-1.747	.693
79	3	3	.558	2	.648	1.168	2	.318	2.593	-.103	-.716
80	3	3	.497	2	.867	1.400	2	.123	5.299	.415	-
											1.176
81	3	3	.753	2	.659	.568	2	.328	1.966	.021	.194
82	3	3	.849	2	.894	.327	2	.102	4.666	.603	-.593
83	3	3	.980	2	.922	.041	2	.076	5.023	.807	-.227
84	3	3	.762	2	.743	.545	2	.242	2.787	.128	-.452
85	3	3	.963	2	.884	.076	2	.113	4.190	.596	-.272
86	3	3	.978	2	.862	.044	2	.135	3.747	.543	.040
87	3	3	.825	2	.884	.385	2	.111	4.527	.551	-.629
88	3	3	.627	2	.577	.933	2	.391	1.711	-.194	-.287
89	3	3	.698	2	.826	.719	2	.172	3.852	.515	.781
90	3	3	.722	2	.700	.652	2	.293	2.395	.149	.514
91	3	3	.102	2	.985	4.572	2	.014	13.046	1.365	-
											2.082
92	3	3	.742	2	.870	.596	2	.124	4.501	.475	-.763

93	3	3	.148	2	.788	3.827	2	.172	6.866	.109	-	1.890
94	3	3	.198	2	.928	3.241	2	.065	8.557	.654	-	1.836
95	3	3	.138	2	.694	3.963	2	.237	6.115	-.094	-	1.846
96	3	2**	.636	2	.539	.905	3	.411	1.451	-.465	.004	
97	3	3	.733	2	.639	.621	2	.346	1.848	-.024	.161	
98	3	3	.513	2	.504	1.333	2	.444	1.584	-.342	-.445	
99	3	2**	.038	2	.354	6.530	1	.348	6.565	-.734	-	2.206
100	3	2**	.601	2	.548	1.017	3	.373	1.787	-.566	-.329	
101	3	3	.313	2	.873	2.324	2	.115	6.383	.402	-	1.524
102	3	3	.934	2	.955	.137	2	.045	6.269	1.088	-.160	
103	3	3	.547	2	.925	1.205	2	.074	6.247	1.001	1.029	
104	3	3	.889	2	.963	.236	2	.037	6.773	1.169	-.262	
105	3	3	.577	2	.968	1.101	2	.032	7.904	1.383	.791	
106	3	3	.072	2	.998	5.266	2	.002	17.731	2.758	1.053	
107	3	3	.406	2	.977	1.802	2	.022	9.346	1.588	1.002	
108	3	3	.390	2	.976	1.881	2	.024	9.287	1.564	1.058	
109	3	3	.377	2	.961	1.949	2	.039	8.345	1.349	1.218	
110	3	3	.063	2	.968	5.537	2	.032	12.364	1.585	2.158	
111	3	2**	.502	2	.842	1.379	1	.130	5.122	-1.738	1.385	
112	3	2**	.353	2	.740	2.084	3	.238	4.355	-.655	1.516	
113	3	3	.042	2	.995	6.358	2	.005	16.779	2.392	1.866	
114	3	3	.443	2	.980	1.626	2	.020	9.414	1.628	.877	
115	3	3	.545	2	.990	1.215	2	.010	10.348	1.752	-.472	
116	2	2	.204	2	.475	3.178	3	.268	4.321	-.811	-	1.423
117	2	1**	.670	2	.724	.802	2	.266	2.804	-2.102	-	1.244
118	1	1	.470	2	.888	1.508	2	.110	5.684	-2.502	-	1.836
119	3	3	.017	2	1.000	8.157	2	.000	24.933	3.585	-.273	
120	3	3	.034	2	1.000	6.786	2	.000	22.405	3.344	-.052	
121	1	1	.861	2	.638	.299	2	.354	1.473	-2.213	-.615	
122	3	3	.144	2	.998	3.875	2	.002	16.622	2.560	-.784	
123	3	3	.396	2	.994	1.854	2	.006	11.997	1.969	-.621	

124	3	3	.494	2	.841	1.410	2	.146	4.906	.323	-	1.150
125	2	1**	.544	2	.656	1.218	2	.325	2.618	-1.861	-	1.278
126	1	1	.801	2	.920	.445	2	.080	5.328	-3.247	-	1.089
127	1	1	.965	2	.857	.071	2	.142	3.663	-2.995	-	.759
128	3	3	.073	2	.999	5.225	2	.001	19.284	2.852	-	.908
129	3	3	.482	2	.991	1.462	2	.009	10.858	1.916	-	.238
130	3	3	.439	2	.574	1.648	2	.417	2.291	-.044	-	.980
131	3	3	.583	2	.979	1.080	2	.021	8.739	1.558	-	.601
132	3	3	.459	2	.981	1.556	2	.018	9.503	1.656	-	.808
133	2	2	.846	2	.607	.335	1	.349	1.442	-1.618	-	.260
134	2	1**	.899	2	.779	.212	2	.220	2.743	-2.962	-	.222
135	1	1	.557	2	.549	1.170	2	.447	1.581	-2.625	-	.438
136	2	2	.782	2	.778	.493	3	.154	3.736	-.981	-	.845
137	2	1**	.750	2	.663	.575	2	.335	1.938	-2.764	-	.123
138	2	2	.934	2	.704	.137	1	.166	3.027	-1.134	-	.011
139	2	2	.378	2	.541	1.945	1	.244	3.538	-.924	-	1.051
140	2	3**	.175	2	.899	3.487	2	.089	8.118	.485	-	1.887
141	2	3**	.172	2	.906	3.522	2	.083	8.305	.519	-	1.901
142	2	2	.159	2	.860	3.677	3	.117	7.668	-.972	-	2.141
143	2	2	.146	2	.705	3.849	3	.285	5.663	-.476	-	2.009
144	2	2	.940	2	.736	.124	3	.153	3.263	-1.032	-	.324
145	3	3	.772	2	.752	.518	2	.234	2.857	.150	-	.452
146	3	3	.845	2	.878	.336	2	.118	4.354	.529	-	.578
147	3	3	.782	2	.867	.492	2	.127	4.328	.470	-	.686
148	3	3	.658	2	.847	.836	2	.151	4.282	.601	-	.867
149	3	3	.921	2	.801	.165	2	.194	3.004	.338	-	.033
150	2	2	.936	2	.715	.132	3	.154	3.205	-1.044	-	.127
151	2	2	.955	2	.679	.091	1	.283	1.843	-1.666	-	.170
152	2	2	.939	2	.745	.126	3	.147	3.373	-1.047	-	.394
153	2	1**	.554	2	.904	1.180	2	.096	5.671	-3.725	-	.140
154	1	1	.843	2	.905	.341	2	.094	4.864	-3.106	-	1.105
155	3	2**	.719	2	.623	.660	3	.258	2.418	-.795	-	.297

188	2	1**	.598	2	.772	1.028	2	.221	3.531	-2.151	-	1.446
189	2	1**	.556	2	.883	1.172	2	.115	5.248	-2.556	-	1.699
190	3	2**	.214	2	.482	3.082	1	.286	4.127	-.884	-	1.417
191	3	2**	.159	2	.430	3.673	3	.386	3.889	-.601	-	1.485
192	3	3	.238	2	.997	2.867	2	.003	14.297	2.246	-.809	
193	3	3	.669	2	.985	.805	2	.015	9.117	1.632	.044	
194	3	2**	.716	2	.578	.667	1	.364	1.594	-1.500	-.541	
195	2	2	.917	2	.645	.172	1	.325	1.543	-1.762	.107	
196	2	2	.658	2	.797	.836	1	.177	3.846	-1.802	1.077	
197	2	2	.719	2	.828	.660	1	.121	4.508	-1.495	1.071	
198	1	1	.639	2	.643	.895	2	.355	2.083	-2.822	.309	
199	3	2**	.976	2	.694	.048	1	.256	2.045	-1.557	.140	
200	3	2**	.854	2	.795	.316	3	.112	4.241	-1.151	.781	
201	3	2**	.542	2	.498	1.226	3	.443	1.462	-.438	-.316	
202	3	3	.784	2	.977	.486	2	.023	7.970	1.433	.023	
203	3	3	.583	2	.987	1.080	2	.013	9.810	1.752	.192	
204	3	3	.932	2	.821	.141	2	.174	3.241	.418	.159	
205	3	2**	.736	2	.671	.614	3	.281	2.352	-.663	.585	
206	3	3	.518	2	.541	1.314	2	.445	1.706	-.144	.693	
207	3	3	.898	2	.842	.216	2	.153	3.630	.416	-.371	
208	3	2**	.626	2	.570	.937	3	.397	1.659	-.437	.489	
209	3	2**	.883	2	.728	.249	3	.188	2.952	-.911	.442	
210	3	3	.271	2	.967	2.609	2	.033	9.351	1.458	1.409	
211	3	3	.488	2	.976	1.436	2	.024	8.871	1.541	.853	
212	3	3	.013	2	1.000	8.673	2	.000	25.627	3.523	-.997	
213	3	3	.879	2	.948	.257	2	.051	6.092	1.088	.330	
214	3	3	.144	2	.997	3.878	2	.003	15.239	2.474	.893	
215	3	3	.896	2	.849	.219	2	.149	3.706	.542	.387	
216	3	3	.438	2	.969	1.652	2	.031	8.537	1.438	1.041	
217	3	3	.551	2	.816	1.191	2	.182	4.188	.519	1.032	
218	3	3	.905	2	.962	.199	2	.038	6.659	1.164	-.171	
219	3	3	.794	2	.803	.462	2	.194	3.307	.415	.561	
220	3	3	.881	2	.779	.253	2	.216	2.820	.299	.206	
221	3	3	.744	2	.681	.591	2	.300	2.232	.010	-.283	
222	2	2	.748	2	.758	.580	1	.218	3.072	-1.851	.865	

223	2	2	.202	2	.886	3.197	3	.079	8.044	-1.187	2.045
224	2	2	.321	2	.495	2.275	3	.351	2.962	-.650	-
											1.054

** . Misclassified case

Classification Results^a

FDP		Predicted Group Membership			Total	
		FD	GREY	HEALTHY		
Original	Count	FD	13	0	1	14
		GREY	10	40	5	55
		HEALTHY	0	24	131	155
	%	FD	92.9	.0	7.1	100.0
		GREY	18.2	72.7	9.1	100.0
		HEALTHY	.0	15.5	84.5	100.0

a. 82,1% of original grouped cases correctly classified.

LAMPIRAN 6

Hasil Uji Akurasi Prediksi

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi- Altman Z-Score Model	Akurasi- Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
1	2	2	2	1	1	0	0	0	0
2	2	3	3	0	0	1	0	1	0
3	3	1	3	0	1	0	1	0	0
4	3	1	3	0	1	0	1	0	0
5	3	1	3	0	1	0	1	0	0
6	3	2	3	0	1	0	1	0	0
7	3	2	3	0	1	0	1	0	0
8	1	1	1	1	1	0	0	0	0
9	1	1	1	1	1	0	0	0	0
10	1	1	1	1	1	0	0	0	0
11	3	1	3	0	1	0	1	0	0
12	3	1	3	0	1	0	1	0	0
13	2	1	2	0	1	0	1	0	0
14	3	1	2	0	0	0	1	0	1
15	2	1	2	0	1	0	1	0	0
16	2	2	3	1	0	0	0	1	0
17	3	3	3	1	1	0	0	0	0

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi-Altman Z-Score Model	Akurasi-Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
18	3	2	3	0	1	0	1	0	0
19	3	2	3	0	1	0	1	0	0
20	3	3	3	1	1	0	0	0	0
21	3	2	3	0	1	0	1	0	0
22	3	2	3	0	1	0	1	0	0
23	2	1	2	0	1	0	1	0	0
24	3	3	3	1	1	0	0	0	0
25	3	3	3	1	1	0	0	0	0
26	3	3	3	1	1	0	0	0	0
27	3	2	3	0	1	0	1	0	0
28	3	2	3	0	1	0	1	0	0
29	2	1	2	0	1	0	1	0	0
30	2	1	1	0	0	0	1	0	1
31	3	3	3	1	1	0	0	0	0
32	3	3	3	1	1	0	0	0	0
33	3	2	3	0	1	0	1	0	0
34	3	3	3	1	1	0	0	0	0
35	3	3	3	1	1	0	0	0	0
36	3	3	3	1	1	0	0	0	0
37	3	3	3	1	1	0	0	0	0
38	3	3	3	1	1	0	0	0	0

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi-Altman Z-Score Model	Akurasi-Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
39	3	2	3	0	1	0	1	0	0
40	3	3	3	1	1	0	0	0	0
41	3	2	2	0	0	0	1	0	1
42	2	2	1	1	0	0	0	0	1
43	2	2	2	1	1	0	0	0	0
44	2	3	2	0	1	1	0	0	0
45	3	3	3	1	1	0	0	0	0
46	3	3	3	1	1	0	0	0	0
47	3	3	3	1	1	0	0	0	0
48	3	3	3	1	1	0	0	0	0
49	2	1	2	0	1	0	1	0	0
50	2	1	2	0	1	0	1	0	0
51	3	1	2	0	0	0	1	0	1
52	3	2	2	0	0	0	1	0	1
53	3	2	3	0	1	0	1	0	0
54	3	3	3	1	1	0	0	0	0
55	2	1	2	0	1	0	1	0	0
56	1	2	1	0	1	1	0	0	0
57	2	1	2	0	1	0	1	0	0
58	2	2	2	1	1	0	0	0	0
59	2	2	2	1	1	0	0	0	0

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi-Altman Z-Score Model	Akurasi-Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
60	2	1	2	0	1	0	1	0	0
61	3	1	3	0	1	0	1	0	0
62	3	3	3	1	1	0	0	0	0
63	2	3	2	0	1	1	0	0	0
64	2	3	3	0	0	1	0	1	0
65	3	3	3	1	1	0	0	0	0
66	3	3	3	1	1	0	0	0	0
67	1	3	1	0	1	1	0	0	0
68	1	3	3	0	0	1	0	1	0
69	2	1	1	0	0	0	1	0	1
70	3	2	3	0	1	0	1	0	0
71	2	1	2	0	1	0	1	0	0
72	2	1	2	0	1	0	1	0	0
73	3	1	3	0	1	0	1	0	0
74	3	2	3	0	1	0	1	0	0
75	3	2	3	0	1	0	1	0	0
76	2	2	2	1	1	0	0	0	0
77	2	2	2	1	1	0	0	0	0
78	2	3	2	0	1	1	0	0	0
79	3	3	3	1	1	0	0	0	0
80	3	3	3	1	1	0	0	0	0

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi-Altman Z-Score Model	Akurasi-Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
81	3	3	3	1	1	0	0	0	0
82	3	3	3	1	1	0	0	0	0
83	3	2	3	0	1	0	1	0	0
84	3	2	3	0	1	0	1	0	0
85	3	2	3	0	1	0	1	0	0
86	3	2	3	0	1	0	1	0	0
87	3	2	3	0	1	0	1	0	0
88	3	3	3	1	1	0	0	0	0
89	3	3	3	1	1	0	0	0	0
90	3	2	3	0	1	0	1	0	0
91	3	2	3	0	1	0	1	0	0
92	3	2	3	0	1	0	1	0	0
93	3	3	3	1	1	0	0	0	0
94	3	3	3	1	1	0	0	0	0
95	3	3	3	1	1	0	0	0	0
96	3	3	2	1	0	0	0	0	1
97	3	3	3	1	1	0	0	0	0
98	3	3	3	1	1	0	0	0	0
99	3	3	2	1	0	0	0	0	1
100	3	3	2	1	0	0	0	0	1
101	3	3	3	1	1	0	0	0	0

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi-Altman Z-Score Model	Akurasi-Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
102	3	3	3	1	1	0	0	0	0
103	3	3	3	1	1	0	0	0	0
104	3	3	3	1	1	0	0	0	0
105	3	3	3	1	1	0	0	0	0
106	3	3	3	1	1	0	0	0	0
107	3	3	3	1	1	0	0	0	0
108	3	3	3	1	1	0	0	0	0
109	3	3	3	1	1	0	0	0	0
110	3	3	3	1	1	0	0	0	0
111	3	3	2	1	0	0	0	0	1
112	3	2	2	0	0	0	1	0	1
113	3	2	3	0	1	0	1	0	0
114	3	2	3	0	1	0	1	0	0
115	3	3	3	1	1	0	0	0	0
116	2	1	2	0	1	0	1	0	0
117	2	1	1	0	0	0	1	0	1
118	1	1	1	1	1	0	0	0	0
119	3	3	3	1	1	0	0	0	0
120	3	3	3	1	1	0	0	0	0
121	1	1	1	1	1	0	0	0	0
122	3	2	3	0	1	0	1	0	0

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi-Altman Z-Score Model	Akurasi-Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
123	3	3	3	1	1	0	0	0	0
124	3	2	3	0	1	0	1	0	0
125	2	1	1	0	0	0	1	0	1
126	1	1	1	1	1	0	0	0	0
127	1	1	1	1	1	0	0	0	0
128	3	3	3	1	1	0	0	0	0
129	3	3	3	1	1	0	0	0	0
130	3	3	3	1	1	0	0	0	0
131	3	3	3	1	1	0	0	0	0
132	3	2	3	0	1	0	1	0	0
133	2	1	2	0	1	0	1	0	0
134	2	1	1	0	0	0	1	0	1
135	1	1	1	1	1	0	0	0	0
136	2	2	2	1	1	0	0	0	0
137	2	1	1	0	0	0	1	0	1
138	2	1	2	0	1	0	1	0	0
139	2	1	2	0	1	0	1	0	0
140	2	2	3	1	0	0	0	1	0
141	2	2	3	1	0	0	0	1	0
142	2	3	2	0	1	1	0	0	0
143	2	3	2	0	1	1	0	0	0

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi-Altman Z-Score Model	Akurasi-Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
144	2	2	2	1	1	0	0	0	0
145	3	2	3	0	1	0	1	0	0
146	3	2	3	0	1	0	1	0	0
147	3	2	3	0	1	0	1	0	0
148	3	2	3	0	1	0	1	0	0
149	3	3	3	1	1	0	0	0	0
150	2	2	2	1	1	0	0	0	0
151	2	2	2	1	1	0	0	0	0
152	2	2	2	1	1	0	0	0	0
153	2	2	1	1	0	0	0	0	1
154	1	1	1	1	1	0	0	0	0
155	3	3	2	1	0	0	0	0	1
156	3	3	3	1	1	0	0	0	0
157	3	3	3	1	1	0	0	0	0
158	3	3	3	1	1	0	0	0	0
159	3	3	3	1	1	0	0	0	0
160	3	3	3	1	1	0	0	0	0
161	3	2	3	0	1	0	1	0	0
162	3	2	3	0	1	0	1	0	0
163	3	3	3	1	1	0	0	0	0
164	3	3	3	1	1	0	0	0	0

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi-Altman Z-Score Model	Akurasi-Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
165	3	2	2	0	0	0	1	0	1
166	3	2	2	0	0	0	1	0	1
167	3	2	3	0	1	0	1	0	0
168	3	2	2	0	0	0	1	0	1
169	3	2	2	0	0	0	1	0	1
170	3	3	3	1	1	0	0	0	0
171	3	3	3	1	1	0	0	0	0
172	3	3	3	1	1	0	0	0	0
173	3	2	3	0	1	0	1	0	0
174	3	2	2	0	0	0	1	0	1
175	2	1	2	0	1	0	1	0	0
176	2	1	2	0	1	0	1	0	0
177	2	1	2	0	1	0	1	0	0
178	3	3	3	1	1	0	0	0	0
179	3	3	3	1	1	0	0	0	0
180	3	2	3	0	1	0	1	0	0
181	3	2	3	0	1	0	1	0	0
182	3	2	3	0	1	0	1	0	0
183	3	2	3	0	1	0	1	0	0
184	3	2	3	0	1	0	1	0	0
185	3	2	3	0	1	0	1	0	0

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi-Altman Z-Score Model	Akurasi-Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
186	3	2	3	0	1	0	1	0	0
187	1	3	1	0	1	1	0	0	0
188	2	3	1	0	0	1	0	0	1
189	2	1	1	0	0	0	1	0	1
190	3	3	2	1	0	0	0	0	1
191	3	3	2	1	0	0	0	0	1
192	3	3	3	1	1	0	0	0	0
193	3	3	3	1	1	0	0	0	0
194	3	3	2	1	0	0	0	0	1
195	2	1	2	0	1	0	1	0	0
196	2	1	2	0	1	0	1	0	0
197	2	1	2	0	1	0	1	0	0
198	1	1	1	1	1	0	0	0	0
199	3	1	2	0	0	0	1	0	1
200	3	1	2	0	0	0	1	0	1
201	3	1	2	0	0	0	1	0	1
202	3	3	3	1	1	0	0	0	0
203	3	3	3	1	1	0	0	0	0
204	3	3	3	1	1	0	0	0	0
205	3	3	2	1	0	0	0	0	1
206	3	2	3	0	1	0	1	0	0

Nomor Sample	Financial Distress Prediction - Real Condition Criteria	Financial Distress Prediction- Altman Z-Score Model	Financial Distress Prediction- Adjusted Model	Akurasi- Altman Z-Score Model	Akurasi- Adjusted Model	Model Altman Z-score (Error=1)		Adjusted Model (Error=1)	
						Error Type 1	Error Type 2	Error Type 1	Error Type 2
207	3	3	3	1	1	0	0	0	0
208	3	3	2	1	0	0	0	0	1
209	3	3	2	1	0	0	0	0	1
210	3	3	3	1	1	0	0	0	0
211	3	3	3	1	1	0	0	0	0
212	3	3	3	1	1	0	0	0	0
213	3	2	3	0	1	0	1	0	0
214	3	3	3	1	1	0	0	0	0
215	3	3	3	1	1	0	0	0	0
216	3	2	3	0	1	0	1	0	0
217	3	2	3	0	1	0	1	0	0
218	3	2	3	0	1	0	1	0	0
219	3	3	3	1	1	0	0	0	0
220	3	2	3	0	1	0	1	0	0
221	3	2	3	0	1	0	1	0	0
222	2	3	2	0	1	1	0	0	0
223	2	2	2	1	1	0	0	0	0
224	2	3	2	0	1	1	0	0	0
Total Akurat				113	184	14	97	6	34
Akurasi Prediksi				50.45%	82.14%	6.25%	43.30%	2.68%	15.18%