



LAMPIRAN

Lampiran 01. Perusahaan Sektor Transportasi Yang Menjadi Populasi Penelitian

No.	Kode Perusahaan	Nama Perusahaan
1.	APOL	Arpeni Pratama Ocen Line Tbk
2.	ASSA	Adi Sarana Armada Tbk
3.	BBRM	Pelayaran Nasional Bina Buana Buaya Tbk
4.	BIRD	Blue Bird Tbk
5.	BLTA	Berlian Laju Tanker Tbk
6.	BTPR	Batavia Prosperindo Trans Tbk
7.	BULL	Buaya Listya Tama Tbk
8.	CANI	Capitol Nusantara Indonesia Tbk
9.	CASS	Cardig Aero Services Tbk
10.	CMPP	AirAsia Indonesia Tbk
11.	DEAL	Dewata Freightinternational Tbk
12.	GIAA	Garuda Indoenesia (Persero) Indonesia
13.	HELI	Jaya Trishindo Tbk
14.	HITS	Humpuss Intermoda Transportasi Tbk
15.	IATA	Indonesia Air Transport ,Infrastruktur Tbk
16.	INDX	Tanah Laut Tbk
17.	IPCM	Jasa Armada Indonesia Tbk
18.	JAYA	Armada Berjaya Tbk
19.	KARW	ICTSI Jasa Prima Tbk
20.	KJEN	Krida Jaringan Nusantara Tbk
21.	LEAD	Logindo Samuderamakmur Tbk
22.	LRNA	Ekasari Lorena Transport Tbk
23.	MBSS	Mitra Bantera Segara Sejati Tb
24.	MIRA	Mitra International Resource Tbk
25.	NELY	Pelayaran Nelly Dwi Putri Tbk
26.	PURA	PT Putra Rajawali kencana Tbk

27.	PORT	Nusantara Pelabuhan Handal Tbk
28.	PTIS	Indo Straits Tbk
29.	RIGS	Rig Tenders Indonesia Tbk
30.	SAFE	Steady Safe Tbk
31.	SAPX	Satria Antaran Prima Tbk
32.	SDMU	Sidomulyo Selaras Tbk
33.	SHIP	Sillo Maritime Perdana Tbk
34.	SMDR	Samudera Indonesia Tbk
35.	SOCI	Soechi Lines Tbk
36.	TAMU	Pelayaran Tamarin Samudra Tbk
37.	TAXI	Express Trasindo Utama Tbk
38.	TCPI	Transcoal Pacific Tbk
39.	TMAS	Pelayaran Tempuran Emas Tbk
40.	TNCA	Trimuda Nuansa Citra Tbk
41.	TPMA	Trans Power Marine Tbk
42.	TRAM	Trada Maritime Tbk
43.	TRUK	Guna Timur Raya Tbk
44.	WEHA	Weha Transportasi Indonesia Tbk
45.	WINS	Wintermar Offshore Marine Tbk
46.	ZEBRA	Zebra Nusantara Tbk

Sumber: www.idx.co.id

Lampiran 02. Data Perhitungan Score Model *Springate S-score* Tahun 2018

No.	Kode Saham	(X1) Working capital to Assets		(X2) (Earning before interest and tax/ Total Assets		(X3) Earning Before taxes/current liabilities		(X4) Sale/total assets		S-Score
		Modal kerja	Total aset	Laba sebelum bunga dan pajak	Total aset	Laba sebelum pajak	Liabilitas jangka pendek	Penjualan	Total aset	
1	ASSA	613480279875	4062536132739	356552064930	4062536132739	182337295412	1150241108007	1862945638339	4062536132739	0,03510
2	BBRM	-1533683	85693582	-4571106	85693582	-7811727	8851742	20701319	85693582	-0,86128
3	IPCM	710631715	1159193789	102421829	1159193789	120832796	30932301	727051393	1159193789	3,23000
4	KARW	-22076028	24936424	900246	24936424	956076	58322284	82323645	24936424	-2,11074
5	LEAD	-7285877	156666326	-38320268	156666326	-45381413	23656670	26892851	156666326	-2,13358
6	LRNA	13112260085	312059443277	-31778309587	312059443277	-28326165609	20166061081	102242420595	312059443277	-1,32747
7	NELY	118517243256	474345474753	57892287807	474345474753	54940200015	23526300566	236020877647	474345474753	1,97428
8	SAFE	169810961225	347841814370	15418030939	347841814370	-22172674202	210911344358	80713350908	347841814370	-0,52895
9	SAPX	58627343016	97553402678	-1201588371	97553402678	-32090466429	19559153698	229821404369	97553402678	-1,44400
10	SDMU	3324759931	362365694470	-32862858199	362365694470	2067079022	84374199166	102990754237	362365694470	-0,36648
11	TAXI	-343991305	1269024960	-300962518	1269024960	-872192278	1603238372	2241663924	1269024960	-2,07291
12	TNCA	39712265695	46878125128	3554155567	46878125128	3535135952	3816016104	63362413566	46878125128	1,17607
13	WEHA	-33702174701	331404130533	20750200125	331404130533	4852956130	56398943588	12846792883	331404130533	0,12876
14	ZEBRA	-4025262569	5224504957	-438036789	5224504957	-650682118	11405628210	36062805791	5224504957	-3,84967

Lampiran. Data Perhitungan Score Model Springate S-score Tahun 2019

No.	Kode Saham	(X1) Working capital to Assets		(X2) Earning before interest and tax/ Total Assets		(X3) Earning Before taxes/current liabilities		(X4) Sale/total assets		S-Score
		Modal kerja	Total aset	Laba sebelum bunga dan pajak	Total Aset	Laba sebelum pajak	Liabilitas jangka pendek	Penjualan	Total aset	
1	ASSA	-587731277509	4849223630042	349468567650	4849223630042	117377160073	1240237695433	2334222192085	4849223630042	-0,03367
2	BBRM	-572765	77498877	-1685949	77498877	-4320672	8110938	17280293	77498877	-0,51517
3	IPCM	562261650	1279304590	-154917	1279304590	188470823	78892353	111676569	1279304590	1,99412
4	KARW	-13466148	20918107	-594060	20918107	-550619	54854034	98415191	20918107	-2,63879
5	LEAD	5873983	150937294	-3336318	150937294	-8546695	15004612	25611312	150937294	-0,47159
6	LRNA	21318913544	302636796677	-7015150773	302636796677	-6481690867	16654963274	124579469969	302636796677	-0,42012
7	NELY	110833395968	527467886738	57916384952	527467886738	53967226757	23179545509	250170826551	527467886738	1,90043
8	SAFE	-165527012320	357452208844	54111425055	357452208844	12303410257	190967041916	180073555181	357452208843	-0,17121
9	SAPX	91332012781	157166234017	38246388572	157166234017	39913636058	31755734984	394765940589	157166234017	1,17048
10	SDMU	-46861718863	217821047351	-262972709	217821047351	-204508321	111678713109	106273588474	217821047351	-0,42167
11	TAXI	-11273962	479265331	250900850	479265331	3750470269	880977430	1034251103	479265331	3,52949
12	TNCA	43583260906	50990872393	3233954771	50990872393	3477210136	4064900863	75622705756	50990872393	1,04643

13	WEHA	-19445269619	269602629189	13368068312	269602629189	6505276816	39953268587	148173217700	269602629189	-0,03444
14	ZEBRA	-4733772858	5577552029	-248670296	5577552029	-1439439762	12419453735	32703030253	5577552029	-3,43288

Lampiran. Data Perhitungan Score Model Springate S-score Tahun 2020

No.	Kode Saham	(X1) Working capital to Assets		EBBITA (Earning before interest and tax/ Total Assets)		(X3) Earning Before taxes/current liabilities		(X4) Sale/total assets		S-score
		Modal kerja	Total asset	Laba sebelum bunga dan pajak	Total Aset	Laba sebelum pajak	Liabilitas jangka pendek	Penjualan	Total aset	
1	ASSA	1436304675864	5170895098267	312548180015	5170895098267	68495021017	1436932364028	3037359367967	5170895098267	-0,30404
2	BBRM	-1131536	37213358	-9058210	37213358	-11036834	9980950	11348417	37213358	-1,63040
3	IPCM	530322468	1408289984	89169546	1408289984	111688739	293766118	696560527	1408289984	1,59703
4	KARW	-12825489	20848323	115097	20848323	137500	54665377	99528900	20848323	-2,52461
5	LEAD	13584163	141244156	-776956	141244156	-2692376	6055503	25569273	141244156	-0,28369
6	LRNA	-4868722844	270508602770	-41175040991	270508602770	38756386237	24273678406	65046772361	270508602770	-1,63580
7	NELY	124570833391	568048326214	51084624630	568048326214	45285427707	21765155172	230662117776	568048326214	1,71276
8	SAFE	-166465242058	322122601641	-13274498750	322122601641	15950611459	187447337837	143961352119	322122601641	-0,89372
9	SAPX	108692624821	210419761255	37716995375	210419761255	40812297756	58399139946	451599889844	210419761255	0,68510
10	SDMU	-98409160561	177182837855	29442985073	177182837855	44240864352	141011386027	89009501417	177182837855	-0,46993
11	TAXI	-10759728	243302339	-92163945	243302339	-73000559	582958840	1121541634	243302339	-3,13499
12	TNCA	13881405558	48076063779	-2556033849	48076063779	-2036742570	4521806377	68821011923	48076063779	-0,73570

13	WEHA	-19465354279	220884904490	-39809716272	220884904490	43981201153	30824345288	70513990516	220884904490	-1,71347
14	ZEBRA	-1663333927	6686186529	-1651671360	6686186529	-2354728343	14884098201	44697201356	6686186529	-3,79303



DISTRESS

NO	Kode Saham	NAMA PERUSAHAAN	Tahun	S-Score	CUT OFF	KETERANGAN
2	BBRM	Pelayaran Nasional Bina Buana Buaya Tbk	2018	-0.86128	0.862	Financial Distress
5	LEAD	Logindo Samuderamakmur Tbk	2018	-2.13338	0.862	Financial Distress
6	LRNA	Elasari Lorena Transport Tbk	2018	-1.32747	0.862	Financial Distress
10	SDMU	Sidomulyo Selaras Tbk	2018	-0.36648	0.862	Financial Distress
11	TAXI	Express Trasindo Utama Tbk	2018	-2.07291	0.862	Financial Distress
14	ZEBRA	Zebra Nusantara Tbk	2018	-3.84967	0.862	Financial Distress
16	BBRM	Pelayaran Nasional Bina Buana Buaya Tbk	2019	-0.51517	0.862	Financial Distress
19	LEAD	Logindo Samuderamakmur Tbk	2019	-0.47159	0.862	Financial Distress
20	LRNA	Elasari Lorena Transport Tbk	2019	-0.42012	0.862	Financial Distress
24	SDMU	Sidomulyo Selaras Tbk	2019	-0.42167	0.862	Financial Distress
25	TAXI	Express Trasindo Utama Tbk	2019	3.52949	0.862	Non financial Distress
28	ZEBRA	Zebra Nusantara Tbk	2019	-3.43288	0.862	Financial Distress
30	BBRM	Pelayaran Nasional Bina Buana Buaya Tbk	2020	-1.63040	0.862	Financial Distress
33	LEAD	Logindo Samuderamakmur Tbk	2020	-0.28369	0.862	Financial Distress
34	LRNA	Elasari Lorena Transport Tbk	2020	-1.63580	0.862	Financial Distress
38	SDMU	Sidomulyo Selaras Tbk	2020	-0.46993	0.862	Financial Distress
39	TAXI	Express Trasindo Utama Tbk	2020	-3.13499	0.862	Financial Distress
42	ZEBRA	Zebra Nusantara Tbk	2020	-3.79303	0.862	Financial Distress

PREDIKSI BENAR		PREDIKSI SALAH	
Tahun	Benar	Kesalahan Type 1	Kesalahan Type 2
2018	10	4	0
2019	9	4	1
2020	8	6	0
Jumlah	27	14	1
Jumlah Sampel	42	24	18
%	64.29	58.33	5.56

NON DISTRESS

NO		NAMA PERUSAHAAN	Tahun	S-Score	CUT OFF	KETERANGAN
1	ASSA	Adi Sarana Armada Tbk	2018	0.0351	0.862	Financial Distress
3	IPCM	Jasa Armada Indonesia Tbk	2018	3.2300	0.862	Non financial Distress
4	KARW	ICTSI Jasa Prima Tbk	2018	-2.1308	0.862	Financial Distress
7	NELY	Pelayaran Nelly Dwi Putri Tbk	2018	1.9743	0.862	Non financial Distress
8	SAFE	Steady Safe Tbk	2018	1.9427	0.862	Non financial Distress
9	SAPX	Satria Antarana Prima Tbk	2018	-1.4440	0.862	Financial Distress
12	TNCA	Trimuda Nuansa Citra Tbk	2018	1.1761	0.862	Non financial Distress
13	WEHA	Weha Transportasi Indonesia Tbk	2018	0.1587	0.862	Financial Distress
15	ASSA	Adi Sarana Armada Tbk	2019	-0.0337	0.862	Financial Distress
17	IPCM	Jasa Armada Indonesia Tbk	2019	1.9470	0.862	Non financial Distress
18	KARW	ICTSI Jasa Prima Tbk	2019	-2.6933	0.862	Financial Distress
21	NELY	Pelayaran Nelly Dwi Putri Tbk	2019	1.9004	0.862	Non financial Distress
22	SAFE	Steady Safe Tbk	2019	-0.1712	0.862	Financial Distress
23	SAPX	Satria Antarana Prima Tbk	2019	1.1705	0.862	Non financial Distress
26	TNCA	Trimuda Nuansa Citra Tbk	2019	1.0464	0.862	Non financial Distress
27	WEHA	Weha Transportasi Indonesia Tbk	2019	-0.0344	0.862	Financial Distress
29	ASSA	Adi Sarana Armada Tbk	2020	-0.3040	0.862	Financial Distress
31	IPCM	Jasa Armada Indonesia Tbk	2020	1.5970	0.862	Non financial Distress
32	KARW	ICTSI Jasa Prima Tbk	2020	-2.5299	0.862	Financial Distress
35	NELY	Pelayaran Nelly Dwi Putri Tbk	2020	1.7128	0.862	Non financial Distress
36	SAFE	Steady Safe Tbk	2020	-0.8937	0.862	Financial Distress
37	SAPX	Satria Antarana Prima Tbk	2020	0.6851	0.862	Financial Distress
40	TNCA	Trimuda Nuansa Citra Tbk	2020	-0.7357	0.862	Financial Distress
41	WEHA	Weha Transportasi Indonesia Tbk	2020	-1.7135	0.862	Financial Distress

Lampiran 03. Data Perhitungan Score Model *Grover G-score* Tahun 2018

No.	Kode Saham	(X1) WCTA		(X3) EBBITA		Return On Assets			G-Score
		Modal kerja	Total aset	Laba sebelum bunga dan pajak	Total Aset	Net Income	Total Assets	ROA	
1	ASSA	-613480279875	4062536132739	356552064930	4062536132739	142242410935	4062536132739	0,03501	0,10603
2	BBRM	-1533683	85693582	-4571106	85693582	-8054745	85693582	-0,09399	-0,15260
3	IPCM	710631715	1159193789	102421829	1159193789	72807226	1159193789	0,06281	1,36827
4	KARW	-22076028	24936424	900246	24936424	727248	24936424	0,02916	-1,28131
5	LEAD	-7285877	156666326	-38320268	156666326	-45381413	156666326	-0,28967	-0,84771
6	LRNA	13112260085	312059443277	-31778309587	312059443277	-29874068816	312059443277	-0,09573	-0,21878
7	NELY	118517243256	474345474753	57892287807	474345474753	52752666738	474345474753	0,11121	0,88293
8	SAFE	-169810961225	347841814370	15418030939	347841814370	-29814021923	347841814370	-0,08571	-0,59625
9	SAPX	58627343016	97553402678	-1201588371	97553402678	-31069314453	97553402678	-0,31849	1,01178
10	SDMU	3324759931	362365694470	-32862858199	362365694470	-30795779177	362365694470	-0,08499	-0,23521
11	TAXI	-343991305	1269024960	-300962518	1269024960	-836820231	1269024960	-0,65942	-1,18700
12	TNCA	39712265695	46878125128	3554155567	46878125128	2638062438	46878125128	0,05627	1,71196
13	WEHA	-33702174701	331404130533	20750200125	331404130533	4852956130	331404130533	0,01464	0,10210
14	ZEBRA	-4025262569	5224504957	-438036789	5224504957	-470555320	5224504957	-0,09007	-1,49822

Lampiran. Data Perhitungan Score Model *Grover G-score* Tahun 2019

No.	Kode Saham	(X1) WCTA		(X3) EBBITA		Return On Assets			G-Score
		Modal kerja	Total aset	Laba sebelum bunga dan pajak	Total Aset	Net Income	Total Assets	ROA	
1	ASSA	-587731277509	4849223630042	349468567650	4849223630042	91614940880	4849223630042	0,01889	0,10203
2	BBRM	-572765	77498877	-1685949	77498877	-4482902	77498877	-0,05784	-0,02832

3	IPCM	562261650	1279304590	-154917	1279304590	90047274	1279304590	0,07039	0,78065
4	KARW	-13466148	20918107	-594060	20918107	-559371	20918107	-0,02674	-1,10144
5	LEAD	5873983	150937294	-3336318	150937294	-8546695	150937294	-0,05662	0,04688
6	LRNA	21318913544	302636796677	-7015150773	302636796677	-36705136667	302636796677	-0,12128	0,09627
7	NELY	110833395968	527467886738	57916384952	527467886738	82344151967	527467886738	0,15611	0,77497
8	SAFE	-165527012320	357452208844	54111425055	357452208844	9267473993	357452208844	0,02593	-0,19219
9	SAPX	91332012781	157166234017	38246388572	157166234017	39507538392	157166234017	0,25137	1,84018
10	SDMU	-46861718863	217821047351	-262972709	217821047351	-36224089028	217821047351	-0,16630	-0,29943
11	TAXI	-11273962	479265331	250900850	479265331	-276072942	479265331	-0,57603	1,80944
12	TNCA	43583260906	50990872393	3233954771	50990872393	2318303630	50990872393	0,04547	1,68246
13	WEHA	-19445269619	269602629189	13368068312	269602629189	4518959735	269602629189	0,01676	0,10651
14	ZEBRA	-4733772858	5577552029	-248670296	5577552029	-994291194	5577552029	-0,17827	-1,49230

Lampiran. Data Perhitungan Score Model Grover G-score Tahun 2020

No.	Kode Saham	(X1) WCTA		(X3) EBITTA		Return On Assets		ROA	G-Score
		Modal kerja	Total aset	Laba sebelum bunga dan pajak	Total Aset	Net Income	Total Assets		
1	ASSA	-1436304675864	5170895098267	312548180015	5170895098267	63896421980	5170895098267	0,01236	-0,19576
2	BBRM	-1131536	37213358	-9058210	37213358	-11172452	37213358	-0,30023	-0,81694
3	IPCM	530322468	1408289984	89169546	1408289984	80234175	1408289984	0,05697	0,89297
4	KARW	-12825489	20848323	115097	20848323	69301	20848323	0,00332	-0,93931
5	LEAD	13584163	141244156	-776956	141244156	-2692378	141244156	-0,01906	0,19727
6	LRNA	-4868722844	270508602770	-41175040991	270508602770	-43027059389	270508602770	-0,15906	-0,48829
7	NELY	124570833391	568048326214	51084624630	568048326214	43944061538	568048326214	0,07736	0,72372
8	SAFE	-166465242058	322122601641	-13274498750	322122601641	-17589816911	322122601641	-0,05461	-0,93508

9	SAPX	108692624821	210419761255	37716995375	210419761255	31333543159	210419761255	0,14891	1,51708
10	SDMU	-98409160561	177182837855	29442985073	177182837855	-43293065964	177182837855	-0,24434	-0,28986
11	TAXI	-10759728	243302339	-92163945	243302339	-53221960	243302339	-0,21875	-1,30192
12	TNCA	13881405558	48076063779	-2556033849	48076063779	-3185219424	48076063779	-0,06625	0,35350
13	WEHA	-19465354279	220884904490	-39809716272	220884904490	-33601480667	220884904490	-0,15212	-0,69947
14	ZEBRA	-1663333927	6686186529	-1651671360	6686186529	-1628409985	6686186529	-0,24355	-1,19046



DISTRESS										
NO	Kode Saham	NAMA PERUSAHAAN	Tahun	S-Score	CUT OFF	KETERANGAN	PREDIKSI BENAR		PREDIKSI SALAH	
							Tahun	Benar	Kesalahan Type 1	Kesalahan Type 2
2	BBRM	Pelayaran Nasional Bina Buana Buaya Tbk	2018	-0.15260	-0.02	Financial Distress	2018	12	2	0
5	LEAD	Logindo Samudera Makmur Tbk	2018	-0.84771	-0.02	Financial Distress	2019	9	2	3
6	LRNA	Ekasari Lorena Transport Tbk	2018	-0.21878	-0.02	Financial Distress	2020	9	4	1
10	SDMU	Sidomulyo Selaras Tbk	2018	-0.23521	-0.02	Financial Distress	Jumlah	30	8	4
11	TAXI	Express Triasindo Utama Tbk	2018	-1.18700	-0.02	Financial Distress	Jumlah Sampel	42	24	18
14	ZEBRA	Zebra Nusantara Tbk	2018	-1.49822	-0.02	Financial Distress	%	71.43	33.33	22.22
16	BBRM	Pelayaran Nasional Bina Buana Buaya Tbk	2019	-0.02832	-0.02	Financial Distress				
19	LEAD	Logindo Samudera Makmur Tbk	2019	0.04688	-0.02	Non-financial Distress				
20	LRNA	Ekasari Lorena Transport Tbk	2019	0.09627	-0.02	Non-financial Distress				
24	SDMU	Sidomulyo Selaras Tbk	2019	-0.29943	-0.02	Financial Distress				
25	TAXI	Express Triasindo Utama Tbk	2019	1.80944	-0.02	Non-financial Distress				
28	ZEBRA	Zebra Nusantara Tbk	2019	-1.49230	-0.02	Financial Distress				
30	BBRM	Pelayaran Nasional Bina Buana Buaya Tbk	2020	-0.81694	-0.02	Financial Distress				
33	LEAD	Logindo Samudera Makmur Tbk	2020	0.19727	-0.02	Non-financial Distress				
34	LRNA	Ekasari Lorena Transport Tbk	2020	-0.43829	-0.02	Financial Distress				
38	SDMU	Sidomulyo Selaras Tbk	2020	-0.28986	-0.02	Financial Distress				
39	TAXI	Express Triasindo Utama Tbk	2020	-1.30192	-0.02	Financial Distress				
42	ZEBRA	Zebra Nusantara Tbk	2020	-1.19046	-0.02	Financial Distress				
NON DISTRESS										
NO		NAMA PERUSAHAAN	Tahun	S-Score	CUT OFF	KETERANGAN				
1	ASSA	Adi Sarana Armada Tbk	2018	0.10603	-0.02	Non-financial Distress				
3	IPCM	Jasa Armada Indonesia Tbk	2018	1.36827	-0.02	Non-financial Distress				
4	KARW	ICTSI Jasa Prima Tbk	2018	-1.28131	-0.02	Financial Distress				
7	NELY	Pelayaran Nelly Dwi Putri Tbk	2018	0.88293	-0.02	Non-financial Distress				
8	SAFE	Steady Safe Tbk	2018	-0.59625	-0.02	Financial Distress				
9	SAPX	Satria Antarana Prima Tbk	2018	1.01178	-0.02	Non-financial Distress				
12	TNCA	Timuda Nuansa Citra Tbk	2018	1.71196	-0.02	Non-financial Distress				
13	WEHA	Weha Transportasi Indonesia Tbk	2018	0.10210	-0.02	Non-financial Distress				
15	ASSA	Adi Sarana Armada Tbk	2019	0.10203	-0.02	Non-financial Distress				
17	IPCM	Jasa Armada Indonesia Tbk	2019	0.78065	-0.02	Non-financial Distress				
18	KARW	ICTSI Jasa Prima Tbk	2019	-1.10144	-0.02	Financial Distress				
21	NELY	Pelayaran Nelly Dwi Putri Tbk	2019	0.77497	-0.02	Non-financial Distress				
22	SAFE	Steady Safe Tbk	2019	-0.19219	-0.02	Financial Distress				
23	SAPX	Satria Antarana Prima Tbk	2019	1.84018	-0.02	Non-financial Distress				
26	TNCA	Timuda Nuansa Citra Tbk	2019	1.68246	-0.02	Non-financial Distress				
27	WEHA	Weha Transportasi Indonesia Tbk	2019	0.10651	-0.02	Non-financial Distress				
29	ASSA	Adi Sarana Armada Tbk	2020	-0.19576	-0.02	Financial Distress				
31	IPCM	Jasa Armada Indonesia Tbk	2020	0.89297	-0.02	Non-financial Distress				
32	KARW	ICTSI Jasa Prima Tbk	2020	-0.93931	-0.02	Financial Distress				
35	NELY	Pelayaran Nelly Dwi Putri Tbk	2020	0.72372	-0.02	Non-financial Distress				
36	SAFE	Steady Safe Tbk	2020	-0.93508	-0.02	Financial Distress				
37	SAPX	Satria Antarana Prima Tbk	2020	1.51708	-0.02	Non-financial Distress				
40	TNCA	Timuda Nuansa Citra Tbk	2020	0.35350	-0.02	Non-financial Distress				
41	WEHA	Weha Transportasi Indonesia Tbk	2020	-0.69947	-0.02	Financial Distress				

Lampiran 04. Data Perhitungan Score Model Zmijewski Z-score Tahun 2018

No.	Kode Saham	(X1) Return On Assets		(X2) Debt Ratio		(X3) Current Ratio		Z-SCORE
		Net Income	Total Assets	Total Hutang	Total Aset	Aset Lancar	Utang Lancar	
1	ASSA	142242410935	4062536132739	3511071376393	4062536132739	536760828132	1150241108007	4,77384
2	BBRM	-8054745	85693582	62978345	85693582	7318059	8851742	4,58994
3	IPCM	72807226	1159193789	118037677	1159193789	741564016	26903678	0,20008
4	KARW	727248	24936424	58356967	24936424	6246256	58322284	13,21348
5	LEAD	-45381413	156666326	107255819	156666326	16370793	23656670	5,14510
6	LRNA	-29874068816	312059443277	44014632463	312059443277	33278321166	20166061081	1,20901
7	NELY	52752666738	474345474753	50960583715	474345474753	142043543822	23526300566	0,11001
8	SAFE	-29814021923	347841814370	408464934762	347841814370	41100383133	210911344358	7,06120
9	SAPX	-31069314453	97553402678	30977273416	97553402678	78186496714	19559153698	3,16348
10	SDMU	-30795779177	362365694470	170104193824	362365694470	87698959097	84374199166	3,03701
11	TAXI	-836820231	1269024960	1853612051	1269024960	499247067	1603238372	11,16001
12	TNCA	2638062438	46878125128	6923395099	46878125128	43528281799	3816016104	0,55422
13	WEHA	4852956130	331404130533	178481685363	331404130533	22696768887	56398943588	3,00523
14	ZEBRA	-470555320	5224504957	13071764529	5224504957	1080365641	11405628210	14,64837

Lampiran. Data Perhitungan Score Model Zmijewski Z-score Tahun 2019

No.	Kode Saham	(X1) Return On Assets		(X2) Debt Ratio		(X3) Current Ratio		Z-SCORE
		Net Income	Total Assets	Total Hutang	Total Aset	Aset lancar	Utang Lancar	
1	ASSA	91614940880	4849223630042	2924124201613	4849223630042	652506417924	1240237695433	3,35381
2	BBRM	-4482902	77498877	59264274	77498877	7538173	8110938	4,60387
3	IPCM	90047274	1279304590	199892353	1279304590	762154003	199892353	0,57271
4	KARW	-559371	20918107	54897380	20918107	3387886	54854034	15,07379
5	LEAD	-8546695	150937294	110414793	150937294	20878595	15004612	4,40763

6	LRNA	-36705136667	302636796677	41462629189	302636796677	37973876818	16654963274	1,29333
7	NELY	82344151967	527467886738	65436471797	527467886738	134012941477	23179545509	0,01272
8	SAFE	9267473993	357452208844	408955063516	357452208844	25440029597	190967041916	6,40926
9	SAPX	39507538392	157166234017	50346447863	157166234017	123087747765	31755734984	0,72952
10	SDMU	-36224089028	217821047351	166615624916	217821047351	64816994246	111678713109	5,07282
11	TAXI	-276072942	479265331	933327880	479265331	209703468	720977430	13,57604
12	TNCA	2318303630	50990872393	8786058436	50990872393	47648161769	4064900863	0,73976
13	WEHA	4518959735	269602629189	117734528422	269602629189	20607998968	39953268587	2,41503
14	ZEBRA	-994291194	5577552029	4873887082	5577552029	975680877	12419453735	5,74712

Lampiran. Data Perhitungan Score Model Zmijewski Z-score Tahun 2020

No.	Kode Saham	(X1) Return On Assets		(X2) Debt Ratio		(X3) Current Ratio		Z-SCORE
		Net Income	Total Assets	Total Hutang	Total Aset	Aset lancar	Utang lancar	
1	ASSA	63896421980	5170895098267	3731575182568	5170895098267	627688164688	1436932364028	4,05852
2	BBRM	-11172452	37213358	30022368	37213358	7979414	22510950	5,88811
3	IPCM	80234175	1408289984	316642933	1408289984	824088586	293766118	1,02540
4	KARW	69301	20848323	35292353	20848323	199892353	199892353	9,63075
5	LEAD	-2692378	141244156	103460057	141244156	19636666	6056503	4,24420
6	LRNA	-43027059389	270508602770	52352752945	270508602770	19404955562	24273678406	1,78391
7	NELY	43944061538	568048326214	69298714658	568048326214	146335988563	21765155172	0,33583
8	SAFE	-17589816911	322122601641	391040622215	322122601641	20982095779	187447337837	7,15387
9	SAPX	31333543159	210419761255	72437684992	210419761255	167091764767	58399139946	1,31049
10	SDMU	-43293065964	177182837855	169445987429	177182837855	42602225466	141011386027	6,50056
11	TAXI	-53221960	243302339	336628958	243302339	160199112	582958840	8,82594
12	TNCA	-3185219424	48076063779	8136093754	48076063779	18403211935	4521806377	1,23324

13	WEHA	-33601480667	220884904490	102887883668	220884904490	11358991009	30824345288	3,30770
14	ZEBRA	-1628409985	6686186529	5576843161	6686186529	1220764274	14884098201	5,80121

DISTRESS							PREDIKSI BENAR		PREDIKSI SALAH	
NO	Kode Saham	NAMA PERUSAHAAN	Tahun	Z-SCORE	CUT OFF	KETERANGAN	Tahun	Benar	Kesalahan Type 1	Kesalahan Type 2
2	BBRM	Pelayaran Nasional Bina Buana Buaya Tbk	2018	4.58994	0	Financial Distress	2018	6	8	0
5	LEAD	Logindo Samudramakmur Tbk	2018	5.14510	0	Financial Distress	2019	6	8	0
6	LRNA	Ekasan Lorena Transport Tbk	2018	1.20901	0	Financial Distress	2020	6	8	0
10	SDMU	Sidomulyo Selaras Tbk	2018	3.03701	0	Financial Distress	Jumlah	18	24	0
11	TAXI	Express Trasindo Utama Tbk	2018	11.16001	0	Financial Distress	Jumlah Sampai	42	24	18
14	ZEBRA	Zebra Nusantara Tbk	2018	14.64837	0	Financial Distress	%	42.86	100.00	0.00
16	BBRM	Pelayaran Nasional Bina Buana Buaya Tbk	2019	4.60387	0	Financial Distress				
19	LEAD	Logindo Samudramakmur Tbk	2019	4.40763	0	Financial Distress				
20	LRNA	Ekasan Lorena Transport Tbk	2019	1.29333	0	Financial Distress				
24	SDMU	Sidomulyo Selaras Tbk	2019	5.07282	0	Financial Distress				
25	TAXI	Express Trasindo Utama Tbk	2019	13.57604	0	Financial Distress				
28	ZEBRA	Zebra Nusantara Tbk	2019	5.74712	0	Financial Distress				
30	BBRM	Pelayaran Nasional Bina Buana Buaya Tbk	2020	5.83811	0	Financial Distress				
33	LEAD	Logindo Samudramakmur Tbk	2020	4.24420	0	Financial Distress				
34	LRNA	Ekasan Lorena Transport Tbk	2020	1.78391	0	Financial Distress				
38	SDMU	Sidomulyo Selaras Tbk	2020	6.50056	0	Financial Distress				
39	TAXI	Express Trasindo Utama Tbk	2020	8.82594	0	Financial Distress				
42	ZEBRA	Zebra Nusantara Tbk	2020	5.80121	0	Financial Distress				
NON DISTRESS										
NO		NAMA PERUSAHAAN	Tahun	Z-SCORE	CUT OFF	KETERANGAN				
1	ASSA	Adi Sarana Amada Tbk	2018	4.77384	0	Financial Distress				
3	IPCM	Jasa Amada Indonesia Tbk	2018	0.20008	0	Financial Distress				
4	KARW	IGTISI Jasa Prima Tbk	2018	13.21348	0	Financial Distress				
7	NELY	Pelayaran Nelly Dwi Putri Tbk	2018	0.11001	0	Financial Distress				
8	SAFE	Steady Safe Tbk	2018	7.06120	0	Financial Distress				
9	SAPX	Satria Antarana Prima Tbk	2018	3.16348	0	Financial Distress				
12	TNCA	Trimuda Nuansa Citra Tbk	2018	0.55422	0	Financial Distress				
13	WEHA	Weha Transportasi Indonesia Tbk	2018	3.00523	0	Financial Distress				
15	ASSA	Adi Sarana Amada Tbk	2019	3.35381	0	Financial Distress				
17	IPCM	Jasa Amada Indonesia Tbk	2019	0.57271	0	Financial Distress				
18	KARW	IGTISI Jasa Prima Tbk	2019	15.07379	0	Financial Distress				
21	NELY	Pelayaran Nelly Dwi Putri Tbk	2019	0.01272	0	Financial Distress				
22	SAFE	Steady Safe Tbk	2019	6.40926	0	Financial Distress				
23	SAPX	Satria Antarana Prima Tbk	2019	0.72952	0	Financial Distress				
26	TNCA	Trimuda Nuansa Citra Tbk	2019	0.73976	0	Financial Distress				
27	WEHA	Weha Transportasi Indonesia Tbk	2019	2.41503	0	Financial Distress				
29	ASSA	Adi Sarana Amada Tbk	2020	4.05852	0	Financial Distress				
31	IPCM	Jasa Amada Indonesia Tbk	2020	1.02540	0	Financial Distress				
32	KARW	IGTISI Jasa Prima Tbk	2020	9.63075	0	Financial Distress				
35	NELY	Pelayaran Nelly Dwi Putri Tbk	2020	0.33583	0	Financial Distress				
36	SAFE	Steady Safe Tbk	2020	7.15387	0	Financial Distress				
37	SAPX	Satria Antarana Prima Tbk	2020	1.31049	0	Financial Distress				
40	TNCA	Trimuda Nuansa Citra Tbk	2020	1.23324	0	Financial Distress				
41	WEHA	Weha Transportasi Indonesia Tbk	2020	3.30770	0	Financial Distress				

Lampiran 05. Analisis Statistik Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Springate	42	-3.8497	3.5295	-.470808	1.7684745
Grover	42	-1.4982	1.8402	.002837	.9576159
Zmijewski	42	.0127	15.0738	4.689955	4.1253007
Valid N (listwise)	42				



Lampiran 06. Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		Springate	Grover	Zmijewski
N		42	42	42
Normal Parameters ^{a,b}	Mean	-.470808	.002837	4.689955
	Std. Deviation	1.7684745	.9576159	4.1253007
Most Extreme Differences	Absolute	.105	.124	.128
	Positive	.105	.124	.124
	Negative	-.082	-.066	-.128
Test Statistic		.105	.124	.128
Asymp. Sig. (2-tailed)		.200 ^{c,d}	.108 ^c	.079 ^c

- Test distribution is Normal.
- Calculated from data.
- Lilliefors Significance Correction.
- This is a lower bound of the true significance.



Lampiran 07. Uji Paired Sample T-test

Paired Samples Test

		Mean	Std. Deviation	Std. Error Mean	Paired Differences		t	df	Sig. (2-tailed)
					95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Springate - Grover	-.4736452	1.0448081	.1612174	-.7992304	-.1480601	-2.938	41	.005
Pair 2	Springate - Zmijewski	-5.1607636	5.2759028	.8140895	-6.8048506	-3.5166765	-6.339	41	.000
Pair 3	Grover - Zmijewski	-4.6871183	4.7635692	.7350347	-6.1715510	-3.2026857	-6.377	41	.000



RIWAYAT HIDUP



Ni Wayan Sinta Della Ade Widyawati lahir di Nganjuk pada tanggal 08 Desember 1999. Penulis lahir sebagai anak pertama dari pasangan suami istri I Made Muliadi dan Sudarwati. Penulis berkebangsaan Indonesia dan beragama Hindu. Kini penulis beralamat di Dusun Keduran Madenan Kecamatan Tejakula, Kabupaten Singaraja, Provinsi Bali.

Penulis menyelesaikan pendidikan dasar di SDN 1 Sumpat dan lulus pada tahun 2012. Kemudian penulis melanjutkan di SMPN 1 Driyorejo dan lulus pada tahun 2015. Pada tahun 2018, penulis lulus dari SMAN 1 Driyorejo jurusan Ilmu Pengetahuan Alam dan melanjutkan ke Program Studi S1 Akuntansi di Universitas Pendidikan Ganesha Pada semester akhir tahun 2022 penulis telah menyelesaikan Skripsi yang berjudul “Analisis Perbandingan Model *Springate*, *Grover* dan *Zmijewski* Dalam Memprediksi Kondisi *Financial Distress* Pada Sektor Transportasi”

