

DAFTAR NAMA SAMPEL PERUSAHAAN

No	Kode Saham	Nama Perusahaan
1	INTP	Indocement Tunggal Prakarsa Tbk
2	SMGR	Semen Indonesia (Persero) Tbk
3	AMFG	Asahimas Flat Glass Tbk
4	ARNA	Arwana Citramulia Tbk
5	INAI	Indal Aluminium Industry Tbk
6	ISSP	Steel Pipe Industry of Indonesia Tbk
7	LION	Lion Metal Works Tbk
8	LMSH	Lionmesh Prima Tbk
9	PICO	Pelangi Indah Canindo Tbk
10	AGII	Aneka Gas Industri Tbk
11	BRPT	Barito Pacific Tbk
12	EKAD	Ekadharma International Tbk
13	SRSN	Indo Acidatama Tbk
14	TPIA	Chandra Asri Petrochemical Tbk
15	AKPI	Argha Karya Prima Industry Tbk
16	IGAR	Champion Pacific Indonesia Tbk
17	IPOL	Indopoly Swakarsa Industry Tbk
18	TALF	Tunas Alfin Tbk
19	TRST	Trias Sentosa Tbk
20	CPIN	Charoen Pokphand Indonesia Tbk
21	JPFA	Japfa Comfeed Indonesia Tbk
22	ALDO	Alkindo Naratama Tbk
23	INKP	Indah Kiat Pulp & Paper Tbk
24	KDSI	Kedawung Setia Industrial Tbk
25	TKIM	Pabrik Kertas Tjiwi Kimia Tbk
26	ASII	Astra International Tbk
27	AUTO	Astra Otoparts Tbk
28	BRAM	Indo Kordsa Tbk
29	INDS	Indospring Tbk
30	SMSM	Selamat Sempurna Tbk
31	PBRX	Pan Brothers Tbk
32	SRIL	Sri Rejeki Isman Tbk
33	STAR	Star Petrochem Tbk
34	TRIS	Trisula International Tbk

35	UNIT	Nusantara Inti Corpora Tbk
36	BATA	Sepatu Bata Tbk
37	IKBI	Sumi Indo Kabel Tbk
38	JECC	Jembo Cable Company Tbk
39	KBLI	KMI Wire and Cable Tbk
40	KBLM	Kabelindo Murni Tbk
41	SCCO	Supreme Cable Manufacturing & Commerce Tbk
42	VOKS	Voksel Electric Tbk
43	ADES	Akasha Wira International Tbk
44	BUDI	Budi Starch & Sweetener Tbk
45	CEKA	Wilmar Cahaya Indonesia Tbk
46	DLTA	Delta Djakarta Tbk
47	ICBP	Indofood CBP Sukses Makmur Tbk
48	INDF	Indofood Sukses Makmur Tbk
49	MLBI	Multi Bintang Indonesia Tbk
50	MYOR	Mayora Indah Tbk
51	ROTI	Nippon Indosari Corpindo Tbk
52	SKBM	Sekar Bumi Tbk
53	SKLT	Sekar Laut Tbk
54	STTP	Siantar Top Tbk
55	ULTJ	Ultrajaya Milk Industry & Trading Co. Tbk
56	GGRM	Gudang Garam Tbk
57	HMSP	HM Sampoerna Tbk
58	WIIM	Wismilak Inti Makmur Tbk
59	DVLA	Darya-Varia Laboratoria Tbk
60	KAEF	Kimia Farma (Persero) Tbk
61	KLBF	Kalbe Farma Tbk
62	MERK	Merck Tbk
63	PYFA	Pyridam Farma Tbk
64	TSPC	Tempo Scan Pacific Tbk
65	TCID	Mandom Indonesia Tbk
66	UNVR	Unilever Indonesia Tbk

LAMPIRAN DATA PENELITIAN

Kode	Tahun	VAIC (X)	Nilai Perusahaan (Y)	Profitabilitas (M)
INTP	2015	29.717	3.444	0.158
INTP	2016	25.717	2.169	0.128
INTP	2017	21.539	3.290	0.064
INTP	2018	21.880	2.925	0.041
SMGR	2015	19.525	2.464	0.119
SMGR	2016	19.782	1.780	0.103
SMGR	2017	19.067	1.954	0.034
SMGR	2018	22.528	2.084	0.060
AMFG	2015	27.453	0.838	0.080
AMFG	2016	26.957	0.808	0.047
AMFG	2017	25.508	0.737	0.006
AMFG	2018	27.488	0.445	0.001
ARNA	2015	33.582	4.103	0.050
ARNA	2016	33.893	4.027	0.059
ARNA	2017	34.437	2.439	0.076
ARNA	2018	34.566	2.812	0.096
INAI	2015	40.944	0.268	0.022
INAI	2016	34.769	0.397	0.027
INAI	2017	26.687	0.863	0.032
INAI	2018	25.465	0.855	0.029
ISSP	2015	48.342	0.529	0.029
ISSP	2016	46.675	0.571	0.017
ISSP	2017	41.468	0.291	0.001
ISSP	2018	48.659	0.207	0.008
LION	2015	7.874	1.201	0.072
LION	2016	7.347	1.161	0.062
LION	2017	6.204	0.880	0.014
LION	2018	6.260	0.744	0.021
LMSH	2015	31.554	0.491	0.015
LMSH	2016	26.734	0.483	0.038
LMSH	2017	33.055	0.474	0.080
LMSH	2018	35.174	0.420	0.018
PICO	2015	69.573	0.294	0.025
PICO	2016	68.272	0.475	0.022
PICO	2017	62.629	0.458	0.028

PICO	2018	59.536	0.474	0.018
AGII	2015	11.615	0.674	0.010
AGII	2016	11.239	97.748	0.011
AGII	2017	10.309	55.251	0.015
AGII	2018	10.579	66.247	0.017
BRPT	2015	64.766	0.385	0.002
BRPT	2016	80.105	3.571	0.109
BRPT	2017	59.301	11.947	0.055
BRPT	2018	58.231	15.737	0.034
EKAD	2015	15.172	0.957	0.121
EKAD	2016	13.914	0.696	0.129
EKAD	2017	27.690	0.733	0.096
EKAD	2018	29.468	0.825	0.087
SRSN	2015	19.157	0.885	0.027
SRSN	2016	18.637	0.749	0.015
SRSN	2017	17.895	0.724	0.027
SRSN	2018	18.480	0.794	0.056
TPIA	2015	76.214	2.505	0.014
TPIA	2016	93.239	11.672	0.141
TPIA	2017	79.952	6.412	0.107
TPIA	2018	90.344	5.969	0.057
AKPI	2015	47.304	0.537	0.010
AKPI	2016	36.473	0.546	0.020
AKPI	2017	46.018	0.438	0.005
AKPI	2018	51.117	0.413	0.021
IGAR	2015	41.041	0.701	0.134
IGAR	2016	35.518	1.353	0.158
IGAR	2017	39.031	0.832	0.141
IGAR	2018	36.080	0.773	0.078
IPOL	2015	20.627	3.028	0.009
IPOL	2016	18.112	5.619	0.023
IPOL	2017	16.872	5.132	0.009
IPOL	2018	19.211	3.547	0.017
TALF	2015	26.114	1.546	0.078
TALF	2016	27.240	0.756	0.034
TALF	2017	29.116	0.738	0.023
TALF	2018	27.323	0.542	0.045
TRST	2015	72.154	0.445	0.008

TRST	2016	67.233	0.436	0.010
TRST	2017	67.838	0.532	0.011
TRST	2018	78.377	0.502	0.015
CPIN	2015	45.076	3.334	0.074
CPIN	2016	51.836	3.579	0.092
CPIN	2017	55.046	3.131	0.102
CPIN	2018	53.094	6.110	0.165
JPFA	2015	27.595	1.108	0.031
JPFA	2016	25.414	1.771	0.113
JPFA	2017	24.713	1.712	0.052
JPFA	2018	22.895	2.468	0.098
ALDO	2015	25.195	2.365	0.066
ALDO	2016	22.448	1.643	0.061
ALDO	2017	23.406	1.438	0.058
ALDO	2018	24.559	1.357	0.081
INKP	2015	59.974	1.992	0.032
INKP	2016	39.554	1.853	0.029
INKP	2017	43.329	9.182	0.054
INKP	2018	44.730	16.754	0.067
KDSI	2015	26.872	0.204	0.010
KDSI	2016	30.585	0.338	0.041
KDSI	2017	30.956	0.459	0.052
KDSI	2018	27.949	0.730	0.055
TKIM	2015	56.138	1.383	0.001
TKIM	2016	28.491	2.081	0.003
TKIM	2017	34.036	9.110	0.012
TKIM	2018	43.493	27.977	0.083
ASII	2015	13.838	1.920	0.064
ASII	2016	13.340	2.394	0.070
ASII	2017	13.389	2.147	0.078
ASII	2018	13.798	1.910	0.079
AUTO	2015	20.342	0.760	0.023
AUTO	2016	20.419	0.938	0.033
AUTO	2017	20.113	0.923	0.037
AUTO	2018	21.548	0.629	0.043
BRAM	2015	47.419	11.512	0.043
BRAM	2016	48.297	15.190	0.075
BRAM	2017	48.372	15.289	0.081

BRAM	2018	58.127	12.457	0.065
INDS	2015	23.476	0.120	0.001
INDS	2016	21.693	0.257	0.020
INDS	2017	23.535	0.386	0.047
INDS	2018	27.071	0.664	0.045
SMSM	2015	24.346	1.190	0.208
SMSM	2016	19.936	3.572	0.223
SMSM	2017	20.698	3.953	0.227
SMSM	2018	20.585	3.749	0.226
PBRX	2015	33.580	16.807	0.019
PBRX	2016	35.085	13.091	0.026
PBRX	2017	37.772	14.761	0.014
PBRX	2018	42.690	14.219	0.028
SRIL	2015	79.216	26.135	0.071
SRIL	2016	83.853	12.915	0.063
SRIL	2017	72.897	17.577	0.057
SRIL	2018	98.727	14.183	0.062
STAR	2015	92.298	0.490	0.000
STAR	2016	59.955	0.549	0.001
STAR	2017	52.372	0.969	0.001
STAR	2018	38.305	0.840	0.000
TRIS	2015	13.039	0.928	0.076
TRIS	2016	13.726	1.013	0.039
TRIS	2017	13.491	0.906	0.026
TRIS	2018	16.290	0.647	0.031
UNIT	2015	91.106	0.081	0.001
UNIT	2016	68.424	0.111	0.002
UNIT	2017	75.513	0.070	0.002
UNIT	2018	42.167	0.079	0.001
BATA	2015	17.028	2.138	0.163
BATA	2016	18.155	1.843	0.052
BATA	2017	17.177	1.279	0.063
BATA	2018	16.179	1.225	0.077
IKBI	2015	48.443	1.289	0.017
IKBI	2016	45.588	6.326	0.051
IKBI	2017	46.841	5.827	0.060
IKBI	2018	47.464	4.843	0.015
JECC	2015	79.189	0.555	0.002

JECC	2016	81.388	1.125	0.083
JECC	2017	66.999	1.298	0.043
JECC	2018	88.338	1.650	0.042
KBLI	2015	65.745	0.464	0.074
KBLI	2016	57.201	0.837	0.179
KBLI	2017	54.840	0.955	0.119
KBLI	2018	52.718	0.596	0.073
KBLM	2015	73.768	0.499	0.019
KBLM	2016	93.154	0.838	0.033
KBLM	2017	89.132	0.399	0.036
KBLM	2018	82.386	0.341	0.031
SCCO	2015	75.544	0.830	0.090
SCCO	2016	59.558	1.225	0.139
SCCO	2017	62.994	0.678	0.067
SCCO	2018	66.165	0.614	0.061
VOKS	2015	43.752	0.320	0.000
VOKS	2016	34.680	0.364	0.096
VOKS	2017	33.150	1.593	0.079
VOKS	2018	36.624	1.351	0.042
ADES	2015	7.683	1.823	0.050
ADES	2016	8.680	1.535	0.073
ADES	2017	8.104	1.234	0.046
ADES	2018	9.408	1.126	0.060
BUDI	2015	49.147	0.234	0.006
BUDI	2016	48.774	0.336	0.013
BUDI	2017	44.003	0.354	0.016
BUDI	2018	42.693	0.352	0.015
CEKA	2015	97.266	0.628	0.072
CEKA	2016	91.848	0.905	0.175
CEKA	2017	92.200	0.850	0.077
CEKA	2018	62.887	0.838	0.079
DLTA	2015	24.782	4.900	0.185
DLTA	2016	24.363	3.954	0.212
DLTA	2017	10.352	3.211	0.209
DLTA	2018	10.769	3.429	0.222
ICBP	2015	23.895	2.398	0.110
ICBP	2016	25.101	5.405	0.126
ICBP	2017	24.877	5.107	0.112

ICBP	2018	23.412	5.367	0.136
INDF	2015	19.923	1.054	0.035
INDF	2016	18.128	1.584	0.059
INDF	2017	18.216	1.421	0.058
INDF	2018	18.154	1.310	0.051
MLBI	2015	18.847	22.541	0.237
MLBI	2016	19.536	30.168	0.432
MLBI	2017	21.745	27.057	0.527
MLBI	2018	21.221	28.874	0.424
MYOR	2015	59.338	0.210	0.110
MYOR	2016	63.157	5.870	0.107
MYOR	2017	61.264	6.141	0.109
MYOR	2018	57.449	6.857	0.100
ROTI	2015	10.030	5.387	0.100
ROTI	2016	8.915	5.613	0.096
ROTI	2017	6.417	2.797	0.030
ROTI	2018	5.838	2.545	0.029
SKBM	2015	42.415	2.572	0.053
SKBM	2016	38.915	1.627	0.023
SKBM	2017	31.980	1.206	0.016
SKBM	2018	32.603	1.153	0.009
SKLT	2015	16.432	1.681	0.053
SKLT	2016	13.139	0.718	0.036
SKLT	2017	12.994	2.470	0.036
SKLT	2018	13.771	3.054	0.043
STTP	2015	45.276	3.915	0.097
STTP	2016	41.137	3.576	0.075
STTP	2017	39.894	4.125	0.092
STTP	2018	34.443	2.984	0.097
ULTJ	2015	29.703	1.018	0.148
ULTJ	2016	30.329	0.946	0.167
ULTJ	2017	28.234	3.564	0.139
ULTJ	2018	27.030	3.266	0.126
GGRM	2015	81.164	2.784	0.102
GGRM	2016	81.037	3.108	0.106
GGRM	2017	83.309	3.822	0.116
GGRM	2018	81.524	3.565	0.113
HMSP	2015	23.875	0.546	0.273

HMSP	2016	23.536	13.036	0.300
HMSP	2017	22.436	16.128	0.294
HMSP	2018	23.577	12.205	0.291
WIIM	2015	16.406	0.957	0.098
WIIM	2016	14.469	0.932	0.079
WIIM	2017	11.536	0.623	0.033
WIIM	2018	10.956	0.295	0.041
DVLA	2015	7.614	1.496	0.078
DVLA	2016	7.806	1.821	0.099
DVLA	2017	7.710	1.966	0.099
DVLA	2018	8.128	1.810	0.119
KAEF	2015	9.770	2.350	0.077
KAEF	2016	9.925	6.724	0.059
KAEF	2017	8.720	5.829	0.054
KAEF	2018	8.810	4.302	0.042
KLBF	2015	10.530	5.657	0.150
KLBF	2016	10.759	5.698	0.154
KLBF	2017	10.836	5.702	0.148
KLBF	2018	10.974	4.659	0.138
MERK	2015	8.336	6.410	0.222
MERK	2016	8.400	7.074	0.207
MERK	2017	3.457	6.187	0.035
MERK	2018	4.196	3.717	0.030
PYFA	2015	5.184	0.592	0.019
PYFA	2016	5.163	1.014	0.031
PYFA	2017	5.087	0.900	0.045
PYFA	2018	5.308	0.850	0.045
TSPC	2015	11.312	1.816	0.084
TSPC	2016	11.531	1.913	0.083
TSPC	2017	11.179	1.594	0.075
TSPC	2018	11.049	1.151	0.069
TCID	2015	10.480	1.935	0.262
TCID	2016	10.360	1.409	0.074
TCID	2017	9.999	1.937	0.076
TCID	2018	9.238	1.758	0.071
UNVR	2015	29.123	58.481	0.372
UNVR	2016	30.420	62.931	0.382
UNVR	2017	29.014	82.444	0.370
UNVR	2018	30.053	45.711	0.467

		Total Pendapatan	Beban Usaha kecuali gaji dan tunjangan karyawan	VA = Output- Input	CE = Ekuitas + laba bersih	VACA = VA/C E	Beban tenaga kerja	VAH U = VA/H C	SC = VA-HC	STVA = SC/V A	VAIC = VACA+VA HU+STVA
Kode Perusahaan	Thn	Output	Input	VA	CE	VACA	HC	VAHU	SC	STVA	VAIC (X)
INTP	2015	17,798,055	2,331,349	15,466,706	28,222,611	0.54803	548,371	28,20482	14,918,335	0.96455	29.71739
INTP	2016	15,361,894	2,171,465	13,190,429	30,009,022	0.43955	542,405	24,31841	12,648,024	0.95888	25.71684
INTP	2017	14,431,211	2,487,034	11,944,177	26,416,325	0.45215	593,169	20,13621	11,351,008	0.95034	21.53870
INTP	2018	15,190,283	2,711,351	12,478,932	24,367,526	0.51211	611,199	20,41713	11,867,733	0.95102	21.88027
SMGR	2015	26,948,004,471	3,428,681,327	23,519,323,144	31,966,239,439	0.73576	1,317,940,809	17,84551	22,201,382,335	0.94396	19.52523
SMGR	2016	26,134,306,138	3,646,604,897	22,487,701,241	35,109,428,280	0.64050	1,235,853,002	18,19610	21,251,848,239	0.94504	19.78164
SMGR	2017	27,813,664,176	3,952,855,183	23,860,808,993	31,696,038,890	0.75280	1,373,504,927	17,37220	22,487,304,066	0.94244	19.06744
SMGR	2018	30,687,625,970	3,238,178,993	27,449,446,977	35,821,999,758	0.76627	1,319,086,015	20,80944	26,130,360,962	0.95194	22.52766
AMFG	2015	3,665,989	275,795	3,390,194	3,731,569	0.90852	132,517	25,58309	3,257,677	0.96091	27.45252
AMFG	2016	3,724,075	270,162	3,453,913	3,859,708	0.89486	137,595	25,10202	3,316,318	0.96016	26.95705
AMFG	2017	3,885,791	306,350	3,579,441	3,587,446	0.99777	151,977	23,55252	3,427,464	0.95754	25.50783
AMFG	2018	4,443,262	338,266	4,104,996	3,603,262	1.13924	161,689	25,38822	3,943,307	0.96061	27.48808
ARNA	2015	1,291,926,384,471	141,922,142,495	1,150,004,241,976	965,938,420,404	1.19056	36,597,720,780	31,42284	1,113,406,521,196	0.96818	33.58157
ARNA	2016	1,511,978,367,218	151,696,689,574	1,360,281,677,644	1,039,464,112,234	1.30864	43,025,529,951	31,61569	1,317,256,147,693	0.96837	33.89269
ARNA	2017	1,732,985,361,870	173,018,368,685	1,559,966,993,185	1,151,583,702,182	1.35463	48,576,445,972	32,11365	1,511,390,547,213	0.96886	34.43714
ARNA	2018	1,971,478,070,171	198,068,091,312	1,773,409,978,859	1,254,804,227,706	1.41330	55,102,693,919	32,18373	1,718,307,284,940	0.96893	34.56595
INAI	2015	1,384,675,922,166	56,405,228,574	1,328,270,693,592	268,436,575,824	4.94817	37,923,826,416	35,02470	1,290,346,867,176	0.97145	40.94432
INAI	2016	1,284,510,320,664	48,662,144,123	1,235,848,176,541	293,569,577,917	4.20973	41,760,771,227	29,59352	1,194,087,405,314	0.96621	34.76946
INAI	2017	980,285,748,450	57,237,988,901	923,047,759,549	316,056,375,270	2.92052	40,466,019,749	22,81044	882,581,739,800	0.95616	26.68712
INAI	2018	1,130,297,518,656	38,958,532,904	1,091,338,985,752	344,347,072,599	3.16930	51,135,512,249	21,34210	1,040,203,473,503	0.95314	25.46454
ISSP	2015	3,583,541	192,489	3,391,052	2,712,474	1.25017	73,537	46,11355	3,317,515	0.97831	48.34203
ISSP	2016	3,259,200	271,694	2,987,506	2,747,982	1.08716	66,969	44,61028	2,920,537	0.97758	46.67503
ISSP	2017	3,662,810	226,909	3,435,901	2,849,575	1.20576	87,456	39,28720	3,348,445	0.97455	41.46750
ISSP	2018	4,467,590	167,124	4,300,466	2,964,157	1.45082	93,023	46,23014	4,207,443	0.97837	48.65933
LION	2015	389,251,192,409	50,890,088,118	338,361,104,291	500,618,133,658	0.67589	53,240,828,263	6,35529	285,120,276,028	0.84265	7.87383
LION	2016	379,137,149,036	48,998,708,702	330,138,440,334	512,948,510,226	0.64361	56,205,552,353	5,87377	273,932,887,981	0.82975	7.34713
LION	2017	349,690,796,141	46,083,036,750	303,607,759,391	461,590,031,026	0.65774	63,826,545,587	4,75676	239,781,213,804	0.78977	6.20428
LION	2018	424,128,420,727	65,910,716,338	358,217,704,389	489,850,236,068	0.73128	75,575,271,532	4,73988	282,642,432,857	0.78902	6.26018
LMSH	2015	174,598,965,938	3,795,494,352	170,803,471,586	114,385,820,539	1.49322	5,870,611,163	29,09467	164,932,860,423	0.96563	31.55352
LMSH	2016	157,855,084,036	4,175,824,885	153,679,259,151	123,569,283,933	1.24367	6,264,585,338	24,53143	147,414,673,813	0.95924	26.73434
LMSH	2017	224,371,164,551	4,143,751,173	220,227,413,378	142,589,116,927	1.54449	7,210,437,170	30,54287	213,016,976,208	0.96726	33.05461
LMSH	2018	240,029,648,845	4,895,921,255	235,133,727,590	135,578,935,680	1.73429	7,241,449,389	32,47053	227,892,278,201	0.96920	35.17403
PICO	2015	699,310,599,565	16,799,805,881	682,510,793,684	262,066,390,331	2.60434	10,343,532,214	65,98431	672,167,261,470	0.98484	69.57349
PICO	2016	705,730,705,044	17,183,189,233	688,547,515,811	279,596,316,189	2.46265	10,621,699,678	64,82461	677,925,816,133	0.98457	68.27183
PICO	2017	747,064,722,530	21,048,544,582	726,016,177,948	303,238,402,084	2.39421	12,253,086,335	59,25170	713,763,091,613	0.98312	62.62903
PICO	2018	776,045,443,574	19,944,983,249	756,100,460,325	315,291,585,974	2.39810	13,464,327,229	56,15583	742,636,133,096	0.98219	59.53612
AGH	2015	1,426,441	266,628	1,159,813	1,762,777	0.65795	115,334	10,05612	1,044,479	0.90056	11.61463

AGII	2016	1,651,136	283,337	1,367,799	2,825,127	0,48415	138,768	9,85673	1,229,031	0,89855	11,23943
AGII	2017	1,838,417	292,725	1,545,692	3,455,608	0,44730	172,259	8,97307	1,373,433	0,88856	10,30892
AGII	2018	2,367,078	367,078	1,706,180	3,262,166	0,52302	186,169	9,16468	1,520,011	0,89089	10,57859
BRPT	2015	1,406,139	52,914	1,353,225	1,200,991	1,12676	21,598	62,65511	1,331,627	0,98404	64,76590
BRPT	2016	1,961,307	54,781	1,906,526	1,728,164	1,10321	24,438	78,01481	1,882,088	0,98718	80,10520
BRPT	2017	2,851,971	86,309	2,765,662	3,047,185	0,90761	48,173	57,41104	2,717,489	0,98258	59,30123
BRPT	2018	3,075,561	90,148	2,985,413	2,944,108	1,01403	53,088	56,23518	2,932,325	0,98222	58,23142
EKAD	2015	531,537,606,573	35,533,504,041	496,004,102,532	339,001,673,067	1,46313	38,790,625,232	12,78670	457,213,477,300	0,92179	15,17163
EKAD	2016	568,638,832,579	33,930,360,216	534,708,472,363	682,690,629,255	0,78324	43,782,423,611	12,21286	490,926,048,752	0,91812	13,91421
EKAD	2017	643,591,823,505	66,628,423,868	576,963,399,637	739,013,391,194	0,78072	22,235,470,461	25,94788	554,727,929,176	0,96146	27,69007
EKAD	2018	739,578,860,399	80,408,667,641	659,170,192,758	798,627,689,010	0,82538	23,815,405,710	27,67831	635,354,787,048	0,96387	29,46756
SRSN	2015	531,573,325	52,050,230	479,523,095	355,584,625	1,34855	28,428,040	16,86796	451,095,055	0,94072	19,15723
SRSN	2016	500,539,668	39,615,020	460,924,648	413,109,684	1,11574	27,797,729	16,58138	433,126,919	0,93969	18,63681
SRSN	2017	521,481,727	43,501,962	477,979,765	433,204,466	1,10336	30,147,649	15,85463	447,832,116	0,93693	17,89491
SRSN	2018	600,986,872	49,640,217	551,346,655	516,523,108	1,06742	33,468,871	16,47342	517,877,784	0,93930	18,48013
TPIA	2015	1,377,573	48,491	1,329,082	913,102	1,45557	18,016	73,77231	1,311,066	0,98644	76,21433
TPIA	2016	1,930,336	49,851	1,880,485	1,441,793	1,30427	20,677	90,94574	1,859,808	0,98900	93,23901
TPIA	2017	2,418,509	50,221	2,368,288	1,987,976	1,19131	30,451	77,77373	2,337,837	0,98714	79,95218
TPIA	2018	2,543,219	47,392	2,495,827	1,952,393	1,27834	28,337	88,07661	2,467,490	0,98865	90,34360
AKPI	2015	2,017,466,511	66,968,848	1,950,497,663	1,135,210,607	1,71818	43,724,991	44,60830	1,906,772,672	0,97758	47,30407
AKPI	2016	2,047,218,639	75,502,148	1,971,716,491	1,172,429,026	1,68174	58,299,510	33,82046	1,913,416,981	0,97043	36,47263
AKPI	2017	2,064,857,643	66,847,689	1,998,009,954	1,139,946,461	1,75272	46,155,645	43,28853	1,951,854,309	0,97690	46,01815
AKPI	2018	2,387,420,036	63,876,236	2,323,543,800	1,298,060,024	1,79001	48,058,633	48,34810	2,275,485,167	0,97932	51,11743
IGAR	2015	677,331,846,043	16,973,723,626	660,358,122,417	361,880,442,770	1,82480	17,267,599,447	38,24261	643,090,522,970	0,97385	41,04126
IGAR	2016	792,794,834,768	23,927,371,673	768,867,463,095	443,054,665,325	1,73538	23,431,529,127	32,81337	745,435,933,968	0,96952	35,51827
IGAR	2017	761,926,952,217	24,343,572,226	737,583,379,991	514,323,432,279	1,43408	20,139,011,083	36,62461	717,444,368,908	0,97270	39,03139
IGAR	2018	777,316,506,801	27,030,614,185	750,285,892,616	527,586,681,742	1,42211	22,272,201,448	33,68710	728,013,691,168	0,97032	36,07952
IPOL	2015	200,542,395	14,675,272	185,867,123	155,865,668	1,19248	10,053,059	18,48861	175,814,064	0,94591	20,62701
IPOL	2016	195,626,757	16,678,018	178,948,739	162,453,143	1,10154	11,133,575	16,07289	167,815,164	0,93778	18,11222
IPOL	2017	198,934,982	17,696,856	181,238,126	161,923,634	1,11928	12,229,317	14,81997	169,008,809	0,93252	16,87178
IPOL	2018	211,572,897	16,772,866	194,800,031	166,756,729	1,16817	11,391,114	17,10105	183,408,917	0,94152	19,21074
TALF	2015	476,383,633,793	12,438,281,158	463,945,352,635	383,919,749,172	1,20844	19,373,386,559	23,94756	444,571,966,076	0,95824	26,11425
TALF	2016	569,419,992,907	15,160,917,278	554,259,075,629	782,033,192,154	0,70874	21,675,837,325	25,57037	532,583,238,304	0,96089	27,24000
TALF	2017	646,087,885,410	15,761,783,677	630,326,101,733	787,630,668,567	0,80028	23,045,040,580	27,35192	607,281,061,153	0,96344	29,11564
TALF	2018	741,055,147,778	18,484,498,247	722,570,649,531	852,355,720,806	0,84773	28,320,186,881	25,51433	694,250,462,650	0,96081	27,32287
TRST	2015	2,457,349,444,991	110,158,383,085	2,347,191,061,906	1,982,234,793,457	1,18411	33,538,759,428	69,98443	2,313,652,302,478	0,98571	72,15426
TRST	2016	2,249,418,846,803	109,691,189,744	2,139,727,657,059	1,966,150,050,954	1,08828	32,838,060,562	65,15999	2,106,889,596,497	0,98465	67,23292
TRST	2017	2,354,938,016,436	109,369,942,294	2,245,568,074,142	2,013,769,179,228	1,11511	34,159,456,627	65,73782	2,211,408,617,515	0,98479	67,83771
TRST	2018	2,630,918,557,954	109,454,107,310	2,521,464,450,644	2,300,578,515,221	1,09601	33,049,477,961	76,29362	2,488,414,972,683	0,98689	78,37653
CPIN	2015	29,920,628	1,072,408	28,848,220	14,619,261	1,97330	684,793	42,12692	28,163,427	0,97626	45,07648
CPIN	2016	38,256,857	1,294,390	36,962,467	16,382,645	2,25620	760,538	48,60042	36,201,929	0,97942	51,83604
CPIN	2017	49,367,386	1,669,616	47,697,770	18,210,004	2,61932	927,134	51,44647	46,770,636	0,98056	55,04635
CPIN	2018	53,957,604	1,693,907	52,263,697	23,942,659	2,18287	1,046,708	49,93150	51,216,989	0,97997	53,09434

JPFA	2015	25,022,913	1,233,083	23,789,830	6,634,176	3,58595	1,031,975	23,05272	22,757,855	0.95662	27.59529
JPFA	2016	27,063,310	1,404,067	25,659,243	11,544,572	2,22262	1,153,920	22,23659	24,505,323	0.95503	25.41424
JPFA	2017	29,602,688	1,516,009	28,086,679	9,705,144	2,89400	1,345,988	20,86696	26,740,691	0.95208	24.71304
JPFA	2018	34,012,965	1,821,766	32,191,199	12,468,010	2,58190	1,662,352	19,36485	30,528,847	0.94836	22.89511
ALDO	2015	538,363,112,800	31,838,589,973	506,524,522,827	195,008,149,151	2,59745	23,402,302,121	21,64422	483,122,220,706	0.95380	25.19547
ALDO	2016	666,434,061,412	35,510,535,769	630,923,525,643	226,117,405,645	2,79025	33,719,623,970	18,71087	597,203,901,673	0.94656	22.44767
ALDO	2017	708,740,551,637	36,250,756,828	672,489,794,809	258,458,218,573	2,60193	33,870,169,183	19,85493	638,619,625,626	0.94963	23.40649
ALDO	2018	789,643,654,873	42,983,119,630	746,660,535,243	314,096,492,993	2,37717	35,171,341,030	21,22923	711,489,194,213	0.95290	24.55930
INKP	2015	2,834,278	238,147	2,596,131	2,845,842	0,91225	44,700	58,07899	2,551,431	0.98278	59.97403
INKP	2016	2,720,473	228,293	2,492,180	3,022,141	0,82464	66,007	37,75630	2,426,173	0.97351	39.55445
INKP	2017	3,127,928	231,132	2,896,796	3,630,929	0,79781	69,710	41,55496	2,827,086	0.97594	43.32870
INKP	2018	3,335,441	237,714	3,097,727	4,359,738	0,71053	71,969	43,04252	3,025,758	0.97677	44.72982
KDSI	2015	1,713,946,192,967	96,914,440,865	1,617,031,752,102	390,391,852,367	4,14207	74,256,458,182	21,77631	1,542,775,293,920	0.95408	26.87246
KDSI	2016	1,995,337,146,834	95,950,188,732	1,899,386,958,102	466,911,635,171	4,06798	74,321,204,928	25,55646	1,825,065,753,174	0.96087	30.58531
KDSI	2017	2,245,519,457,754	100,688,152,474	2,144,831,305,280	554,504,709,658	3,86801	82,095,527,271	26,12604	2,062,735,778,009	0.96172	30.95578
KDSI	2018	2,327,951,625,610	101,860,818,781	2,226,090,806,829	631,932,931,612	3,52267	94,852,176,631	23,46905	2,131,238,630,198	0.95739	27.94911
TKIM	2015	1,062,531	79,431	983,100	957,571	1,02666	18,162	54,12950	964,938	0.98153	56.13769
TKIM	2016	996,902	64,051	932,851	944,731	0,98742	35,147	26,54141	897,704	0.96232	28.49116
TKIM	2017	1,011,715	53,240	958,475	1,029,917	0,93063	29,825	32,13663	928,650	0.96888	34.03615
TKIM	2018	1,055,800	51,801	1,003,999	1,480,894	0,67797	23,997	41,83852	980,002	0.97610	43.49259
ASH	2015	184,196	4,043	180,153	142,146	1,26738	15,455	11,65662	164,698	0.91421	13.83821
ASH	2016	181,084	3,158	177,926	158,208	1,12463	15,740	11,30407	162,186	0.91154	13.34024
ASH	2017	206,057	4,269	201,788	179,626	1,12338	17,773	11,35363	184,015	0.91192	13.38893
ASH	2018	239,205	3,811	235,394	201,735	1,16685	20,090	11,71697	215,304	0.91465	13.79847
AUTO	2015	11,723,787	756,953	10,966,834	10,466,127	1,04784	597,705	18,34824	10,369,129	0.94550	20.34158
AUTO	2016	12,806,867	749,447	12,057,420	11,019,979	1,09414	656,029	18,37940	11,401,391	0.94559	20.41913
AUTO	2017	13,549,857	696,828	12,853,029	11,306,857	1,13675	712,800	18,03175	12,140,229	0.94454	20.11304
AUTO	2018	15,356,381	755,315	14,601,066	11,944,436	1,22242	753,511	19,37738	13,847,555	0.94839	21.54819
BRAM	2015	207,866,547	7,407,608	200,458,939	195,507,387	1,02533	4,413,897	45,41541	196,045,042	0.97798	47.41872
BRAM	2016	220,298,959	7,479,562	212,819,397	220,044,232	0,96717	4,591,463	46,35111	208,227,934	0.97843	48.29670
BRAM	2017	241,782,757	8,393,185	233,389,572	241,637,281	0,96587	5,026,914	46,42800	228,362,658	0.97846	48.37233
BRAM	2018	264,440,260	8,993,179	255,447,081	239,738,938	1,06552	4,555,088	56,07951	250,891,993	0.98217	58.12720
INDS	2015	1,659,505,639,261	75,335,312,201	1,584,170,327,060	1,920,972,737,140	0,82467	73,011,624,103	21,69751	1,511,158,702,957	0.95391	23.47609
INDS	2016	1,637,036,790,119	87,678,825,473	1,549,357,964,646	2,117,620,244,965	0,73165	77,425,023,094	20,01108	1,471,932,941,552	0.95003	21.69275
INDS	2017	1,967,982,902,772	126,103,431,455	1,841,879,471,317	2,258,458,458,431	0,81555	84,623,011,982	21,76570	1,757,256,459,335	0.95406	23.53531
INDS	2018	2,400,062,227,790	151,849,432,904	2,248,212,794,886	2,304,918,719,219	0,97540	89,444,966,283	25,13515	2,158,767,828,603	0.96022	27.07076
SMSM	2015	2,802,924	169,151	2,633,773	1,901,555	1,38506	119,682	22,00643	2,514,091	0.95456	24.34605
SMSM	2016	2,879,876	150,793	2,729,083	2,082,247	1,31064	154,341	17,68216	2,574,742	0.94345	19.93625
SMSM	2017	3,339,964	158,557	3,181,407	2,383,572	1,33472	172,735	18,41785	3,008,672	0.94570	20.69828
SMSM	2018	3,933,353	169,018	3,764,335	2,783,827	1,35222	205,843	18,28741	3,558,492	0.94532	20.58494
PBRX	2015	418,575,192	23,692,446	394,882,746	224,478,299	1,75911	12,798,527	30,85377	382,084,219	0.96759	33.58047
PBRX	2016	482,204,159	29,205,054	452,999,105	240,926,730	1,88024	14,052,683	32,23577	438,946,422	0.96898	35.08499
PBRX	2017	549,355,786	33,737,615	515,618,171	242,612,412	2,12528	14,869,867	34,67537	500,748,304	0.97116	37.77181

PBRX	2018	611,371,311	30,071,566	581,299,745	266,853,535	2.17835	14,702,561	39,53731	566,597,184	0.97471	42.69037
SRIL	2015	631,342,874	27,651,306	603,691,568	332,405,101	1.81613	7,900,365	76,41312	595,791,203	0.98691	79.21617
SRIL	2016	679,939,490	27,216,896	652,722,594	390,475,198	1.67161	8,039,078	81,19371	644,683,516	0.98768	83.85301
SRIL	2017	759,349,865	26,686,222	732,663,643	510,194,149	1.43605	10,396,020	70,47540	722,267,623	0.98581	72.89726
SRIL	2018	1,033,945,566	37,249,508	996,696,058	600,803,564	1.65894	10,373,747	96,07869	986,322,311	0.98959	98.72722
STAR	2015	258,967,329,940	4,852,418,759	254,114,911,181	489,982,894,456	0.51862	2,798,918,625	90,79039	251,315,992,556	0.98899	92.29799
STAR	2016	129,480,611,941	2,783,783,779	126,696,828,162	490,488,506,630	0.25831	2,157,879,556	58,71358	124,538,948,606	0.98297	59.95485
STAR	2017	114,496,159,735	1,897,091,753	112,599,067,982	490,877,014,350	0.22938	2,200,810,998	51,16253	110,398,256,984	0.98045	52.37237
STAR	2018	131,833,235,355	3,065,192,176	128,768,043,179	491,528,168,044	0.26197	3,473,654,335	37,06991	125,294,388,844	0.97302	38.30491
TRIS	2015	859,743,472,895	87,214,964,600	772,528,508,295	381,996,453,412	2.02234	76,367,109,871	10,11598	696,161,398,424	0.90115	13.03948
TRIS	2016	901,909,489,240	92,307,830,589	809,601,658,651	371,840,195,801	2.17728	76,073,105,217	10,64242	733,528,553,434	0.90604	13.72574
TRIS	2017	773,806,956,330	83,747,209,770	690,059,746,560	370,430,476,333	1.86286	64,361,992,259	10,72154	625,697,754,301	0.90673	13.49113
TRIS	2018	860,682,351,001	91,604,719,018	769,077,631,983	375,889,918,672	2.04602	57,743,363,236	13,31889	711,334,268,747	0.92492	16.28983
UNIT	2015	118,260,140,704	4,348,885,526	113,911,255,178	243,360,267,867	0.46808	1,270,639,966	89,64873	112,640,615,212	0.98885	91.10565
UNIT	2016	104,109,821,503	4,544,689,784	99,565,131,719	244,882,596,565	0.40658	1,485,337,340	67,03200	98,079,794,379	0.98508	68.42366
UNIT	2017	103,245,048,266	3,191,558,894	100,053,489,372	246,320,452,362	0.40619	1,349,876,132	74,12050	98,703,613,240	0.98651	75.51320
UNIT	2018	103,498,145,906	2,775,502,517	100,722,643,389	246,454,605,841	0.40869	2,469,729,900	40,78286	98,252,913,489	0.97548	42.16702
BATA	2015	1,028,850,578	323,338,207	705,512,371	676,706,654	1.04257	46,873,521	15,05141	658,638,850	0.93356	17.02753
BATA	2016	999,802,379	324,662,897	675,139,482	599,386,942	1.12638	41,957,619	16,09099	633,181,863	0.93785	18.15522
BATA	2017	974,536,083	323,671,209	650,864,874	632,963,104	1.02828	42,778,542	15,21475	608,086,332	0.93427	17.17731
BATA	2018	992,696,071	340,800,484	651,895,587	704,752,226	0.92500	45,511,561	14,32374	606,384,026	0.93019	16.17892
IKBI	2015	103,204,137	2,073,294	101,130,843	63,065,821	1.60358	2,205,157	45,86106	98,925,686	0.97820	48.44283
IKBI	2016	97,992,214	2,180,784	95,811,430	69,006,641	1.38844	2,216,678	43,22298	93,594,752	0.97686	45.58828
IKBI	2017	128,964,350	2,939,067	126,025,283	70,888,282	1.77780	2,858,609	44,08623	123,166,674	0.97732	46.84134
IKBI	2018	141,178,215	3,743,859	137,434,356	66,436,502	2.06866	3,094,139	44,41764	134,340,217	0.97749	47.46378
JECC	2015	1,663,335,876	50,309,167	1,613,026,709	370,220,928	4.35693	21,843,117	73,84600	1,591,183,592	0.98646	79.18938
JECC	2016	2,037,784,842	84,861,840	1,952,923,002	602,761,503	3.23996	25,309,649	77,16120	1,927,613,353	0.98704	81.38820
JECC	2017	2,184,518,893	102,594,225	2,081,924,668	630,716,852	3.30089	33,196,927	62,71438	2,048,727,741	0.98405	66.99932
JECC	2018	3,207,579,964	88,645,597	3,118,934,367	697,670,043	4.47050	37,632,195	82,87942	3,081,302,172	0.98793	88.33785
KBLI	2015	2,662,038,531,021	72,810,384,103	2,589,228,146,918	1,142,733,030,012	2.26582	41,430,602,219	62,49555	2,547,797,544,699	0.98400	65.74537
KBLI	2016	2,812,196,217,447	88,446,053,086	2,723,750,164,361	1,655,684,679,041	1.64509	49,909,313,191	54,57399	2,673,840,851,170	0.98168	57.20075
KBLI	2017	3,186,704,707,526	117,910,837,612	3,068,793,869,914	2,145,720,436,757	1.43019	58,532,035,806	52,42930	3,010,261,834,108	0.98093	54.84042
KBLI	2018	4,239,937,390,001	93,626,487,691	4,146,310,902,310	2,266,631,822,132	1.82928	83,077,425,517	49,90900	4,063,233,476,793	0.97996	52.71824
KBLM	2015	967,710,339,797	26,327,859,510	941,382,480,287	309,235,745,618	3.04422	13,498,909,592	69,73767	927,883,570,695	0.98566	73.76755
KBLM	2016	987,409,109,474	24,304,140,651	963,104,968,823	341,900,300,180	2.81692	10,779,273,712	89,34785	952,325,695,111	0.98881	93.15358
KBLM	2017	1,215,476,677,995	36,438,236,140	1,179,038,441,855	835,423,526,844	1.41131	13,594,046,224	86,73197	1,165,444,395,631	0.98847	89.13175
KBLM	2018	1,243,465,775,218	36,041,361,823	1,207,424,413,395	862,146,380,681	1.40049	15,093,261,447	79,99758	1,192,331,151,948	0.98750	82.38557
SCCO	2015	3,533,081,041,052	65,778,143,026	3,467,302,898,026	1,081,472,149,947	3.20610	48,594,668,377	71,35151	3,418,708,229,649	0.98598	75.54359
SCCO	2016	3,742,637,722,322	85,364,224,695	3,657,273,497,627	1,561,014,303,758	2.34288	65,037,433,263	56,23336	3,592,236,064,364	0.98222	59.55846
SCCO	2017	4,440,404,595,541	143,946,838,895	4,296,457,756,646	2,997,957,782,803	1.43313	70,925,484,769	60,57707	4,225,532,271,877	0.98349	62.99369
SCCO	2018	5,160,182,004,111	171,984,147,216	4,988,197,856,895	3,164,744,470,723	1.57618	78,424,925,250	63,60475	4,909,772,931,645	0.98428	66.16521
VOKS	2015	1,597,736,461,981	93,991,732,071	1,503,744,729,910	509,930,035,838	2.94892	37,755,416,193	39,82858	1,465,989,313,717	0.97489	43.75240
VOKS	2016	2,022,350,276,358	120,913,911,003	1,901,436,365,355	829,089,425,281	2.29340	60,520,075,654	31,41827	1,840,916,289,701	0.96817	34.67985

VOKS	2017	2,258,316,807,862	128,311,034,562	2,130,005,773,300	980,327,265,732	2,17275	70,976,215,463	30,01013	2,059,029,557,837	0,96668	33,14956
VOKS	2018	2,684,419,276,973	133,626,430,105	2,550,792,846,868	1,028,098,367,363	2,48108	76,892,396,826	33,17354	2,473,900,450,042	0,96986	36,62447
ADES	2015	669,725	208,404	461,321	361,208	1,27716	82,607	5,58453	378,714	0,82093	7,68262
ADES	2016	887,663	291,198	596,465	440,339	1,35456	92,044	6,48022	504,421	0,84568	8,68046
ADES	2017	814,490	285,121	529,369	461,253	1,14768	86,507	6,11938	442,862	0,83658	8,10364
ADES	2018	804,302	228,260	576,042	534,872	1,07697	77,161	7,46546	498,881	0,86605	9,40848
BUDI	2015	2,378,805	47,676	2,331,129	1,126,323	2,06968	50,568	46,09890	2,280,561	0,97831	49,14688
BUDI	2016	2,467,553	56,763	2,410,790	1,203,606	2,00297	52,646	45,79246	2,358,144	0,97816	48,77360
BUDI	2017	2,510,578	106,579	2,403,999	1,240,391	1,93810	58,507	41,08908	2,345,492	0,97566	44,00284
BUDI	2018	2,647,193	91,802	2,555,391	1,276,951	2,00117	64,340	39,71699	2,491,051	0,97482	42,69298
CEKA	2015	3,485,733,830,354	65,636,903,443	3,420,096,926,911	746,442,961,332	4,58186	37,298,585,241	91,69508	3,382,798,341,670	0,98909	97,26604
CEKA	2016	4,115,541,761,173	68,752,160,587	4,046,789,600,586	1,137,617,127,354	3,55725	46,353,835,709	87,30215	4,000,435,764,877	0,98855	91,84795
CEKA	2017	4,257,738,486,908	76,148,052,665	4,181,590,434,243	1,010,465,073,906	4,13828	48,024,094,015	87,07276	4,133,566,340,228	0,98852	92,19956
CEKA	2018	3,629,327,583,572	79,990,857,204	3,549,336,726,368	1,069,297,232,617	3,31932	60,584,743,647	58,58466	3,488,751,982,721	0,98293	62,88691
DLTA	2015	1,573,137,749	176,924,430	1,396,213,319	1,041,666,680	1,34036	62,092,142	22,48615	1,334,121,177	0,95553	24,78204
DLTA	2016	1,658,618,899	180,400,188	1,478,218,711	1,266,883,276	1,16682	66,463,718	22,24099	1,411,754,993	0,95504	24,36284
DLTA	2017	777,308,328	176,175,491	601,132,837	1,424,418,028	0,42202	66,491,454	9,04075	534,641,383	0,88939	10,35216
DLTA	2018	893,006,350	179,015,217	713,991,133	1,622,293,799	0,44011	75,677,756	9,43462	638,313,377	0,89401	10,76874
ICBP	2015	31,741,094	4,443,318	27,297,776	19,310,059	1,41366	1,268,028	21,52774	26,029,748	0,95355	23,89494
ICBP	2016	34,466,069	4,613,590	29,852,479	22,132,124	1,34883	1,309,569	22,79565	28,542,910	0,95613	25,10061
ICBP	2017	35,606,593	4,296,362	31,310,231	23,867,503	1,31184	1,384,818	22,60964	29,925,413	0,95577	24,87724
ICBP	2018	38,413,407	4,916,368	33,497,039	27,365,931	1,22404	1,577,425	21,23527	31,919,614	0,95291	23,41222
INDF	2015	64,061,947	7,176,573	56,885,374	46,353,306	1,22721	3,204,476	17,75185	53,680,898	0,94367	19,92273
INDF	2016	66,750,317	7,444,475	59,305,842	48,793,904	1,21544	3,712,462	15,97480	55,593,380	0,93740	18,12764
INDF	2017	70,186,618	7,401,553	62,785,065	52,200,030	1,20278	3,905,718	16,07517	58,879,347	0,93779	18,21574
INDF	2018	73,394,728	8,217,555	65,177,173	54,878,651	1,18766	4,066,168	16,02914	61,111,005	0,93761	18,15441
MLBI	2015	2,696,318	550,260	2,146,058	1,263,389	1,69865	132,392	16,20988	2,013,666	0,93831	18,84684
MLBI	2016	3,263,311	620,949	2,642,362	1,802,769	1,46572	154,263	17,12894	2,488,099	0,94162	19,53629
MLBI	2017	3,389,736	556,087	2,833,649	2,386,972	1,18713	144,508	19,60894	2,689,141	0,94900	21,74508
MLBI	2018	3,649,615	651,861	2,997,754	2,392,343	1,25306	157,604	19,02080	2,840,150	0,94743	21,22129
MYOR	2015	14,818,730,635,847	2,110,322,734,267	12,708,407,901,580	6,444,693,055,747	1,97192	225,392,552,753	56,38344	12,483,015,348,827	0,98226	59,33762
MYOR	2016	18,349,959,898,358	2,318,339,278,542	16,031,620,619,816	7,653,932,114,730	2,09456	266,840,934,503	60,07932	15,764,779,685,313	0,98336	63,15723
MYOR	2017	20,816,673,946,473	2,194,575,149,836	18,622,098,796,637	8,985,300,196,965	2,07251	319,920,217,510	58,20857	18,302,178,579,127	0,98282	61,26390
MYOR	2018	24,060,802,395,725	3,389,191,708,758	20,671,610,686,967	10,302,978,761,998	2,00637	379,569,813,883	54,46063	20,292,040,873,084	0,98164	57,44864
ROTI	2015	2,174,501,712,899	534,966,218,317	1,639,535,494,582	1,459,073,652,312	1,12368	204,167,040,677	8,03036	1,435,368,453,905	0,87547	10,02952
ROTI	2016	2,521,920,968,213	649,568,280,174	1,872,352,688,039	1,722,529,140,857	1,08698	268,568,248,575	6,97161	1,603,784,439,464	0,85656	8,91515
ROTI	2017	2,491,100,179,560	763,608,417,039	1,727,491,762,521	2,955,469,736,568	0,58451	343,365,807,456	5,03105	1,384,125,955,065	0,80123	6,41679
ROTI	2018	2,766,545,866,684	945,950,209,372	1,820,595,657,312	3,044,072,556,474	0,59808	407,803,334,245	4,46440	1,412,792,323,067	0,77601	5,83848
SKBM	2015	1,362,245,580,664	83,696,533,679	1,278,549,046,985	384,238,008,279	3,32749	33,545,349,822	38,11405	1,245,003,697,163	0,97376	42,41530
SKBM	2016	1,501,115,928,446	86,867,475,525	1,414,248,452,921	390,934,742,696	3,61761	41,199,941,038	34,32647	1,373,048,511,883	0,97087	38,91494
SKBM	2017	1,841,487,199,828	97,311,774,962	1,744,175,424,866	1,049,117,925,190	1,66252	59,423,027,862	29,35184	1,684,752,397,004	0,96593	31,98029
SKBM	2018	1,953,910,957,160	119,614,622,502	1,834,296,334,658	1,056,531,185,043	1,73615	61,347,420,182	29,90014	1,772,948,914,476	0,96656	32,60284
SKLT	2015	745,107,731,208	94,953,359,863	650,154,371,345	172,111,459,960	3,77752	55,382,231,785	11,73940	594,772,139,590	0,91482	16,43174

SKLT	2016	833,850,372,883	107,938,398,922	725,911,973,961	316,797,416,946	2,29141	72,973,223,090	9,94765	652,938,750,871	0.89947	13.13853
SKLT	2017	914,188,759,779	112,872,441,308	801,316,318,471	330,540,489,576	2,42426	82,837,716,043	9,67333	718,478,602,428	0.89662	12.99421
SKLT	2018	1,045,029,834,378	124,529,866,425	920,499,967,953	371,190,138,252	2,47986	88,619,206,039	10,38714	831,880,761,914	0.90373	13.77073
STTP	2015	2,544,277,844,656	179,930,482,545	2,364,347,362,111	1,194,514,639,428	1,97934	55,867,351,219	42,32073	2,308,480,010,892	0.97637	45.27644
STTP	2016	2,629,107,367,897	203,857,260,568	2,425,250,107,329	1,342,688,855,536	1,80626	63,228,298,425	38,35704	2,362,021,808,904	0.97393	41.13723
STTP	2017	2,825,409,180,889	218,009,637,214	2,607,399,543,675	1,600,796,148,194	1,62881	69,919,193,437	37,29161	2,537,480,350,238	0.97318	39.89361
STTP	2018	2,826,957,323,397	199,662,985,336	2,627,294,338,061	1,901,476,832,971	1,38171	81,866,071,887	32,09259	2,545,428,266,174	0.96884	34.44314
ULTJ	2015	4,393,932,684,171	592,075,037,348	3,801,857,646,823	3,320,605,908,951	1,14493	137,775,539,777	27,59458	3,664,082,107,046	0.96376	29.70327
ULTJ	2016	4,685,987,917,355	628,250,105,410	4,057,737,811,945	4,199,059,130,525	0,96634	142,886,672,996	28,39829	3,914,851,138,949	0.96479	30.32943
ULTJ	2017	4,879,559	703,813	4,175,746	4,916,113	0,84940	158,038	26,42242	4,017,708	0.96215	28.23397
ULTJ	2018	5,472,882	869,804	4,603,078	5,476,563	0,84050	182,454	25,22870	4,420,624	0.96036	27.02957
GGRM	2015	70,365,573	4,745,579	65,619,994	44,460,743	1,47591	833,791	78,70077	64,786,203	0.98729	81.16397
GGRM	2016	76,274,147	5,746,229	70,527,918	46,236,910	1,52536	898,171	78,52393	69,629,747	0.98727	81.03656
GGRM	2017	83,305,925	6,147,821	77,158,104	49,943,011	1,54492	955,205	80,77649	76,202,899	0.98762	83.30903
GGRM	2018	95,707,663	6,418,662	89,289,001	52,926,353	1,68704	1,132,395	78,84970	88,156,606	0.98732	81.52406
HMSP	2015	89,069,306	3,629,545	85,439,761	42,379,368	2,01607	4,086,773	20,90641	81,352,988	0.95217	23.87465
HMSP	2016	95,466,657	3,368,274	92,098,383	46,937,243	1,96216	4,466,050	20,62189	87,632,333	0.95151	23.53556
HMSP	2017	99,091,484	3,169,620	95,921,864	46,783,519	2,05033	4,934,877	19,43754	90,986,987	0.94855	22.43643
HMSP	2018	106,741,891	3,580,473	103,161,418	48,896,671	2,10978	5,028,390	20,51579	98,133,028	0.95126	23.57684
WIIM	2015	1,839,419,574,956	245,368,085,575	1,594,051,489,381	1,074,790,092,493	1,48313	113,903,943,846	13,99470	1,480,147,545,535	0.92854	16.40637
WIIM	2016	1,685,795,530,617	258,390,137,699	1,427,405,392,918	1,097,383,698,672	1,30074	116,527,902,198	12,24947	1,310,877,490,720	0.91836	14.46857
WIIM	2017	1,476,427,090,781	259,852,329,505	1,216,574,761,276	1,018,681,151,962	1,19426	128,767,484,508	9,44784	1,087,807,276,768	0.89416	11.53626
WIIM	2018	1,405,384,153,405	262,105,752,581	1,143,278,400,824	1,056,379,653,584	1,08226	127,240,535,304	8,98517	1,016,037,865,520	0.88871	10.95614
DVLA	2015	1,306,098,136	408,612,778	897,485,358	1,081,411,764	0,82992	150,783,910	5,95213	746,701,448	0.83199	7.61404
DVLA	2016	1,451,356,680	432,625,069	1,018,731,611	1,231,663,012	0,82712	165,860,459	6,14210	852,871,152	0.83719	7.80641
DVLA	2017	1,575,647,308	506,722,408	1,068,924,900	1,278,549,362	0,83605	176,991,835	6,03940	891,933,065	0.83442	7.70987
DVLA	2018	1,699,657,296	488,856,772	1,210,800,524	1,400,913,831	0,86429	188,604,016	6,41980	1,022,196,508	0.84423	8.12833
KAEP	2015	4,860,371,483,524	630,362,235,481	4,230,009,248,043	2,322,109,402,605	1,82162	596,692,263,155	7,08910	3,633,316,984,888	0.85894	9.76966
KAEP	2016	5,811,502,656,431	767,684,685,912	5,043,817,970,519	2,543,005,356,857	1,98341	712,099,718,493	7,08302	4,331,718,252,026	0.85882	9.92525
KAEP	2017	6,255,312,383,294	907,002,300,437	5,348,310,082,857	2,904,228,672,589	1,84156	884,955,425,025	6,04359	4,463,354,657,832	0.83454	8.71969
KAEP	2018	7,636,245,960,236	1,172,841,177,103	6,463,404,783,133	3,758,252,538,799	1,71979	1,034,036,559,927	6,25065	5,429,368,223,206	0.84002	8.81046
KLBF	2015	17,887,464,223,321	4,186,829,666,155	13,700,634,557,166	12,995,980,267,142	1,05422	1,594,578,934,699	8,59201	12,106,055,622,467	0.88361	10.52984
KLBF	2016	19,374,230,957,505	4,571,231,691,495	14,802,999,266,010	14,814,732,074,636	0,99921	1,668,374,869,445	8,87271	13,134,624,396,565	0.88729	10.75921
KLBF	2017	20,182,120,166,616	4,629,759,822,472	15,552,360,344,144	16,347,283,193,293	0,95137	1,728,876,150,570	8,99565	13,823,484,193,574	0.88884	10.83586
KLBF	2018	21,074,306,186,027	4,476,603,791,495	16,597,702,394,532	17,791,856,761,111	0,93288	1,813,925,641,506	9,15016	14,783,776,753,026	0.89071	10.97375
MERK	2015	983,446,471	182,230,912	801,215,559	616,088,744	1,30049	129,283,525	6,19735	671,932,034	0.83864	8.33648
MERK	2016	1,034,806,890	197,076,204	837,730,686	736,515,316	1,13742	130,527,915	6,41802	707,202,771	0.84419	8.39963
MERK	2017	582,002,470	238,912,312	343,090,158	644,892,207	0,53201	145,954,088	2,35067	197,136,070	0.57459	3.45727
MERK	2018	611,958,076	244,132,789	367,825,287	555,658,137	0,66196	127,677,988	2,88088	240,147,299	0.65288	4.19573
PYFA	2015	217,843,921,422	89,106,082,683	128,737,838,739	104,309,163,662	1,23419	39,530,305,124	3,25669	89,207,533,615	0.69294	5.18382
PYFA	2016	216,951,583,953	84,690,709,144	132,260,874,809	110,655,107,468	1,19525	40,402,705,444	3,27356	91,858,169,365	0.69452	5.16334
PYFA	2017	223,002,490,278	76,556,001,180	146,446,489,098	115,983,402,879	1,26265	46,604,376,412	3,14233	99,842,112,686	0.68177	5.08675
PYFA	2018	250,445,853,364	90,048,408,716	160,397,444,648	127,375,008,788	1,25925	47,916,986,260	3,34740	112,480,458,388	0.70126	5.30792

TSPC	2015	8,181,481,867,179	1,758,212,694,884	6,423,269,172,295	4,866,359,626,927	1,31993	705,728,079,245	9,10162	5,717,541,093,050	0.89013	11.31168
TSPC	2016	9,138,238,993,842	2,078,405,642,966	7,059,833,350,876	5,180,766,678,954	1,36270	761,109,012,682	9,27572	6,298,724,338,194	0.89219	11.53061
TSPC	2017	9,565,462,045,199	2,218,228,449,733	7,347,233,595,466	5,639,347,991,141	1,30285	817,501,536,057	8,98742	6,529,732,059,409	0.88873	11.17901
TSPC	2018	10,088,118,830,780	2,320,117,834,123	7,768,000,996,657	5,973,226,216,381	1,30047	876,603,936,606	8,86147	6,891,397,060,051	0.88715	11.04909
TCID	2015	2,314,889,854,074	446,059,580,043	1,868,830,274,031	2,259,345,756,047	0.82716	213,172,306,367	8,76676	1,655,657,967,664	0.88593	10.47985
TCID	2016	2,526,776,164,168	508,470,250,892	2,018,305,913,276	1,945,218,103,672	1.03757	239,115,219,412	8,44073	1,779,190,693,864	0.88153	10.35983
TCID	2017	2,706,394,847,919	508,444,613,331	2,197,950,234,588	2,037,452,718,492	1.07877	273,211,931,790	8,04485	1,924,738,302,798	0.87570	9.99933
TCID	2018	2,648,754,344,347	483,905,962,150	2,164,848,382,197	2,145,512,607,895	1.00901	293,933,674,698	7,36509	1,870,914,707,499	0.86422	9.23833
UNVR	2015	36,484,030	9,659,278	26,824,752	10,679,165	2.51188	1,045,811	25,64971	25,778,941	0.96101	29.12260
UNVR	2016	40,053,732	10,655,751	29,397,981	11,094,930	2.64968	1,096,635	26,80744	28,301,346	0.96270	30.41982
UNVR	2017	41,204,510	10,512,715	30,691,795	12,177,950	2.52028	1,202,043	25,53303	29,489,752	0.96084	29.01414
UNVR	2018	41,802,073	10,485,472	31,316,601	16,687,578	1.87664	1,150,787	27,21320	30,165,814	0.96325	30.05310

CEM

Dependent Variable: KINERJA_KEUANGAN

Method: Panel Least Squares

Date: 12/07/19 Time: 12:41

Sample: 2015 2018

Periods included: 4

Cross-sections included: 66

Total panel (balanced) observations: 264

	Coefficient	Std. Error	t-Statistic	Prob.
<hr/>				
Variable				
MODAL_INTELEKTUAL	-0.000519	0.000213	-2.433323	0.0156
C	0.097383	0.009017	10.79991	0.0000
<hr/>				
R-squared	0.022100	Mean dependent var		0.079223
Adjusted R-squared	0.118368	S.D. dependent var		0.082993
S.E. of regression	0.082228	Akaike info criterion		-2.151101
Sum squared resid	1.771487	Schwarz criterion		-2.124011
Log likelihood	285.9453	Hannan-Quinn criter.		-2.140215
F-statistic	5.921059	Durbin-Watson stat		0.252332
Prob(F-statistic)	0.015630			

FEM

Dependent Variable: KINERJA_KEUANGAN

Method: Panel Least Squares

Date: 12/07/19 Time: 12:42

Sample: 2015 2018

Periods included: 4

Cross-sections included: 66

Total panel (balanced) observations: 264

Variable	Coefficient	Std. Error	t-Statistic	Prob.
MODAL_INTELEKTUAL	0.000530	0.000397	1.333267	0.1840
C	0.060699	0.014052	4.319679	0.0000

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.873586	Mean dependent var	0.079223
Adjusted R-squared	0.831235	S.D. dependent var	0.082993
S.E. of regression	0.034095	Akaike info criterion	-3.704526
Sum squared resid	0.229001	Schwarz criterion	-2.796993
Log likelihood	555.9974	Hannan-Quinn criter.	-3.339851
F-statistic	20.62693	Durbin-Watson stat	1.887972
Prob(F-statistic)	0.000000		

REM

Dependent Variable: KINERJA_KEUANGAN
Method: Panel EGLS (Cross-section random effects)
Date: 12/07/19 Time: 12:42
Sample: 2015 2018
Periods included: 4
Cross-sections included: 66
Total panel (balanced) observations: 264
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
MODAL_INTELEKTUAL	1.938406	0.000286	2.006749	0.0346
C	0.079291	0.013815	5.739553	0.0000
Effects Specification				
			S.D.	Rho
Cross-section random			0.075508	0.8306
Idiosyncratic random			0.034095	0.1694
Weighted Statistics				
R-squared	0.275634	Mean dependent var		0.017447
Adjusted R-squared	0.253817	S.D. dependent var		0.034206
S.E. of regression	0.034271	Sum squared resid		0.307718
F-statistic	15.516505	Durbin-Watson stat		1.416647
Prob(F-statistic)	0.044648			
Unweighted Statistics				
	0.000164	Mean dependent var		0.079223
R-squared				
Sum squared resid	1.811225	Durbin-Watson stat		0.240682

LM

Lagrange Multiplier Tests for Random Effects

Null hypotheses: No effects

Alternative hypotheses: Two-sided (Breusch-Pagan) and one-sided
(all others) alternatives

	Test Hypothesis		
	Cross-section	Time	Both
Breusch-Pagan	267.2717 (0.0000)	1.004521 (0.3162)	268.2762 (0.0000)
Honda	16.34844 (0.0000)	-1.002258 --	10.85139 (0.0000)
King-Wu	16.34844 (0.0000)	-1.002258 --	2.453960 (0.0071)
Standardized Honda	16.62793 (0.0000)	-0.750609 --	6.085851 (0.0000)
Standardized King-Wu	16.62793 (0.0000)	-0.750609 --	0.045907 (0.4817)
Gourierioux, et al.*	--	--	267.2717 (< 0.01)

*Mixed chi-square asymptotic critical values

1%	7.289
5%	4.321
10%	2.952

CHOW

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	20.414418	(65,197)	0.0000
Cross-section Chi-square	540.104073	65	0.0000

Cross-section fixed effects test equation:

Dependent Variable: KINERJA_PERUSAHAAN

Method: Panel Least Squares

Date: 12/07/19 Time: 12:43

Sample: 2015 2018

Periods included: 4

Cross-sections included: 66

Total panel (balanced) observations: 264

Variable	Coefficient	Std. Error	t-Statistic	Prob.
	-0.000519	0.000213	-2.433323	0.0156
MODAL_INTELEKTUAL C	0.097383	0.009017	10.79991	0.0000
R-squared	0.022100	Mean dependent var		0.079223
Adjusted R-squared	0.018368	S.D. dependent var		0.082993
S.E. of regression	0.082228	Akaike info criterion		-2.151101
Sum squared resid	1.771487	Schwarz criterion		-2.124011
Log likelihood	285.9453	Hannan-Quinn criter.		-2.140215
F-statistic	5.921059	Durbin-Watson stat		0.252332
Prob(F-statistic)	0.015630			

HAUSMAN

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	3.717408	1	0.0538

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
	0.000530	-0.000002	0.000000	0.0538

MODAL_INTELEKTUAL

Cross-section random effects test equation:

Dependent Variable: KINERJA_PERUSAHAAN

Method: Panel Least Squares

Date: 12/07/19 Time: 12:43

Sample: 2015 2018

Periods included: 4

Cross-sections included: 66

Total panel (balanced) observations: 264

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.060699	0.014052	4.319679	0.0000
MODAL_INTELEKTUAL	0.000530	0.000397	1.333267	0.1840

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.873586	Mean dependent var	0.079223
Adjusted R-squared	0.831235	S.D. dependent var	0.082993
S.E. of regression	0.034095	Akaike info criterion	-3.704526
Sum squared resid	0.229001	Schwarz criterion	-2.796993
Log likelihood	555.9974	Hannan-Quinn criter.	-3.339851
F-statistic	20.62693	Durbin-Watson stat	1.887972
Prob(F-statistic)	0.000000		

CEM

Dependent Variable: NILAI_PERUSAHAAN

Method: Panel Least Squares

Date: 12/07/19 Time: 12:52

Sample: 2015 2018

Periods included: 4

Cross-sections included: 6

Total panel (balanced) observations: 264

Variable	Coefficient	Std. Error	t-Statistic	Prob.
MODAL_INTELEKTUAL	0.001419	0.028083	0.050541	0.9597
KINERJA_KEUANGAN	59.18889	8.040652	7.361205	0.0000
C	0.365727	1.410807	0.259232	0.7957
R-squared	0.174838	Mean dependent var		5.104519
Adjusted R-squared	0.168515	S.D. dependent var		11.73635
S.E. of regression	10.70189	Akaike info criterion		7.590015
Sum squared resid	29892.42	Schwarz criterion		7.630651
Log likelihood	-998.8820	Hannan-Quinn criter.		7.606344
F-statistic	27.65072	Durbin-Watson stat		0.684417
Prob(F-statistic)	0.000000			

FEM

Dependent Variable: NILAI_PERUSAHAAN

Method: Panel Least Squares

Date: 12/07/19 Time: 12:53

Sample: 2015 2018

Periods included: 4

Cross-sections included: 6ⁱ

Total panel (balanced) observations: 264

Variable	Coefficient	Std. Error	t-Statistic	Prob.
MODAL_INTELEKTUAL	0.042623	0.068757	2.619912	0.0360
KINERJA_KEUANGAN	14.91993	12.27605	4.215369	0.0257
C	5.413260	2.533217	2.136912	0.0338

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.813281	Mean dependent var	5.104519
Adjusted R-squared	0.749453	S.D. dependent var	11.73635
S.E. of regression	5.874587	Akaike info criterion	6.596466
Sum squared resid	6764.111	Schwarz criterion	7.517543
Log likelihood	-802.7335	Hannan-Quinn criter.	6.966583
F-statistic	12.74186	Durbin-Watson stat	2.847806
Prob(F-statistic)	0.000000		

REM

Dependent Variable: NILAI_PERUSAHAAN
Method: Panel EGLS (Cross-section random effects)
Date: 12/07/19 Time: 12:54
Sample: 2015 2018
Periods included: 4
Cross-sections included: 6i
Total panel (balanced) observations: 264
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
MODAL_INTELEKTUAL	-0.024626	0.040614	-0.606334	0.5448
KINERJA_KEUANGAN	34.40344	9.497548	3.622349	0.0004
C	3.240244	2.008475	1.613286	0.1079
Effects Specification				
			S.D.	Rho
Cross-section random			8.996384	0.7011
Idiosyncratic random			5.874587	0.2989
Weighted Statistics				
	0.048985	Mean dependent var		1.584305
R-squared		S.D. dependent var		6.059376
Adjusted R-squared	0.041697	Sum squared resid		9183.304
S.E. of regression	5.931701	Durbin-Watson stat		2.130569
F-statistic	6.721790			
Prob(F-statistic)	0.001424			
Unweighted Statistics				
R-squared	0.144085	Mean dependent var		5.104519
Sum squared resid	31006.46	Durbin-Watson stat		0.631019

LM

Lagrange Multiplier Tests for Random Effects

Null hypotheses: No effects

Alternative hypotheses: Two-sided (Breusch-Pagan) and one-sided
(all others) alternatives

	Test Hypothesis		
	Cross-section	Time	Both
Breusch-Pagan	181.3786 (0.0000)	0.645251 (0.4218)	182.0238 (0.0000)
Honda	13.46769 (0.0000)	-0.803275 --	8.955091 (0.0000)
King-Wu	13.46769 (0.0000)	-0.803275 --	2.043424 (0.0205)
Standardized Honda	13.82414 (0.0000)	-0.523603 --	4.037489 (0.0000)
Standardized King-Wu	13.82414 (0.0000)	-0.523603 --	-0.416113 --
Gourierioux, et al.*	--	--	181.3786 (< 0.01)

*Mixed chi-square asymptotic critical values

1%	7.289
5%	4.321
10%	2.952

CHOW

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	10.310408	(65,196)	0.0000
Cross-section Chi-square	392.297150	65	0.0000

Cross-section fixed effects test equation:

Dependent Variable: NILAI_PERUSAHAAN

Method: Panel Least Squares

Date: 12/07/19 Time: 12:54

Sample: 2015 2018

Periods included: 4

Cross-sections included: 61

Total panel (balanced) observations: 264

Variable	Coefficient	Std. Error	t-Statistic	Prob.
	0.001419	0.028083	0.050541	0.9597
MODAL_INTELEKTUAL				
KINERJA_PERUSAHAAN	59.18889	8.040652	7.361205	0.0000
C	0.365727	1.410807	0.259232	0.7957
R-squared	0.174838	Mean dependent var		5.104519
Adjusted R-squared	0.168515	S.D. dependent var		11.73635
S.E. of regression	10.70189	Akaike info criterion		7.590015
Sum squared resid	29892.42	Schwarz criterion		7.630651
Log likelihood	-998.8820	Hannan-Quinn criter.		7.606344
F-statistic	27.65072	Durbin-Watson stat		0.684417
Prob(F-statistic)	0.000000			

HAUSMAN

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	7.099649	2	0.0287

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
MODAL_INTELEKTUAL	-0.042623	-0.024626	0.003078	0.7456
KINERJA_PERUSAHAAN	14.919929	34.403437	60.498046	0.0122

Cross-section random effects test equation:

Dependent Variable: NILAI_PERUSAHAAN

Method: Panel Least Squares

Date: 12/07/19 Time: 12:55

Sample: 2015 2018

Periods included: 4

Cross-sections included: 61

Total panel (balanced) observations: 264

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	5.413260	2.533217	2.136912	0.0338
MODAL_INTELEKTUAL	-0.042623	0.068757	-0.619912	0.5360
KINERJA_PERUSAHAAN	14.91993	12.27605	1.215369	0.2257

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.813281	Mean dependent var	5.104519
Adjusted R-squared	0.749453	S.D. dependent var	11.73635
S.E. of regression	5.874587	Akaike info criterion	6.596466
Sum squared resid	6764.111	Schwarz criterion	7.517543
Log likelihood	-802.7335	Hannan-Quinn criter.	6.966583
F-statistic	12.74186	Durbin-Watson stat	2.847806
Prob(F-statistic)	0.000000		

BIO DATA PENELITI

Data Pribadi

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Tempat dan Tanggal Lahir : Boyolali, 13 Januari 1997
Agama : Islam
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Alamat : Jalan Kayumas Gang Dame RT 011/004,
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Pendidikan Formal

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SMPN 123, Jakarta : Lulus Tahun 2011
SMK 11 Maret, Jakarta : Lulus Tahun 2014
STEI Indonesia, Jakarta : Lulus Tahun 2020

Pekerjaan : Karyawan Swasta

Alamat Kantor : PT. Puri Group
Jalan Boulevard Raya, Kokan Permata Kelapa
Gading Blok D 25-26, Kelapa Gading, Jakarta Utara
14240

SURAT KETERANGAN BEBAS RISET

Saya yang bertanda tangan dibawah ini, menerangkan bahwa:

Nama : Eko Pidiya Rohmawati
NPM : 11150600051
Tempat, Tanggal Lahir : Boyolali, 13 Januari 1997
Alamat : Jalan Kayumas Gang Dame RT. 011/004,
Pulogadung, Jakarta Timur 13260
Program Studi : S-1 Akuntansi

Dengan ini menyatakan bahwa skripsi yang berjudul:

**PENGARUH MODAL INTELEKTUAL DAN KINERJA KEUANGAN
TERHADAP NILAI PERUSAHAAN
(STUDI EMPIRIS PADA PERUSAHAAN MANUFAKTUR YANG
TERDAFTAR DI BURSA EFEK INDONESIA TAHUN 2015-2018)**

Tidak memerlukan surat izin riset, dikarenakan data yang diperlukan berkenaan dalam penelitian dapat diakses melalui media internet, sehingga peneliti tidak perlu mendatangi secara langsung unit penelitian yang bersangkutan. Data dalam penelitian ini diperoleh dengan mengunduh situs <https://www.idx.co.id/>.

Demikian surat keterangan ini saya buat dengan sebenar-benarnya. Atas perhatiannya saya ucapkan terima kasih.

Jakarta, 17 Agustus 2020



Eko Pidiya Rohmawati

NPM 11150600051