

Lampiran 1

Analisis Statistik Deskriptif

Date: 12/24/20

Time: 15:52

Sample: 2015 2019

	ETR	C	LIKUIDITAS	LEVERAGE	ROA	CINT	INVINT
Mean	-0.008795	1.000000	1.772796	0.485900	0.058539	0.217865	0.043199
Median	0.259849	1.000000	1.501915	0.423632	0.053624	0.213454	0.028704
Maximum	0.914273	1.000000	9.222406	1.897679	0.430847	0.555521	0.163944
Minimum	-13.81493	1.000000	0.010667	0.097790	-0.644139	0.003832	0.002525
Std. Dev.	1.560552	0.000000	1.486994	0.297916	0.151148	0.125445	0.034272
Skewness	-7.955128	NA	2.210799	2.398671	-1.051834	0.433041	1.139333
Kurtosis	69.91140	NA	10.15897	11.45572	8.386759	2.840678	3.929315
Jarque-Bera	17738.52	NA	265.5053	354.4263	125.4097	2.908063	22.70979
Probability	0.000000	NA	0.000000	0.000000	0.000000	0.233627	0.000012
Sum	-0.791512	90.00000	159.5516	43.73100	5.268501	19.60782	3.887899
Sum Sq. Dev.	216.7436	0.000000	196.7925	7.899102	2.033277	1.400533	0.104539
Observations	90	90	90	90	90	90	90

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Fixed Effect Model

Dependent Variable: ETR

Method: Panel Least Squares

Date: 12/24/20 Time: 16:03

Sample: 2015 2019

Periods included: 5

Cross-sections included: 18

Total panel (balanced) observations: 90

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7.176514	1.178181	6.091182	0.0000
LIKUIDITAS	0.530183	0.185842	2.852876	0.0058
LEVERAGE	8.217624	0.947020	8.677350	0.0000
ROA	8.377824	1.293810	6.475314	0.0000
CINT	6.995297	3.466058	2.018229	0.0476
INVINT	-5.509418	7.855668	-0.701330	0.4855

Effects Specification

Cross-section fixed (dummy variables)

Root MSE	0.886133	R-squared	0.673943
Mean dependent var	-0.008795	Adjusted R-squared	0.566879
S.D. dependent var	1.560552	S.E. of regression	1.027029
Akaike info criterion	3.107212	Sum squared resid	70.67087
Schwarz criterion	3.746052	Log likelihood	-116.8245
Hannan-Quinn criter.	3.364830	F-statistic	6.294784
Durbin-Watson stat	2.938301	Prob(F-statistic)	0.000000

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Random Effect Model

Dependent Variable: ETR

Method: Panel EGLS (Cross-section random effects)

Date: 12/24/20 Time: 16:20

Sample: 2015 2019

Periods included: 5

Cross-sections included: 18

Total panel (balanced) observations: 90

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.703763	0.420688	4.049948	0.0001
LIKUIDITAS	-0.214792	0.087785	-2.446813	0.0165
LEVERAGE	-3.893395	0.476389	-8.172718	0.0000
ROA	-2.807532	0.920825	-3.048931	0.0031
CINT	2.476739	0.944104	2.623375	0.0103
INVINT	4.277461	3.896533	1.097761	0.2754

Effects Specification

	S.D.	Rho
Cross-section random	0.173825	0.0278
Idiosyncratic random	1.027029	0.9722

Weighted Statistics

Root MSE	1.196107	R-squared	0.385823
Mean dependent var	-0.008225	Adjusted R-squared	0.349265

S.D. dependent var	1.534792	S.E. of regression	1.238088
Sum squared resid	128.7604	F-statistic	10.55370
Durbin-Watson stat	2.729742	Prob(F-statistic)	0.000000

Unweighted Statistics

R-squared	0.389978	Mean dependent var	-0.008795
Sum squared resid	132.2183	Durbin-Watson stat	2.658351

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Common Effect Model

Dependent Variable: ETR

Method: Panel Least Squares

Date: 12/24/20 Time: 16:29

Sample: 2015 2019

Periods included: 5

Cross-sections included: 18

Total panel (balanced) observations: 90

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.607833	0.487216	3.300040	0.0014
LIKUIDITAS	-0.206556	0.102167	-2.021744	0.0464
LEVERAGE	-3.755686	0.553497	-6.785373	0.0000
ROA	-2.582536	1.095626	-2.357134	0.0207
CINT	2.491104	1.085602	2.294677	0.0242
INVINT	4.233847	4.564333	0.927594	0.3563
Root MSE	1.211446	R-squared		0.390597
Mean dependent var	-0.008795	Adjusted R-squared		0.354323
S.D. dependent var	1.560552	S.E. of regression		1.253966
Akaike info criterion	3.354840	Sum squared resid		132.0842
Schwarz criterion	3.521494	Log likelihood		-144.9678
Hannan-Quinn criter.	3.422045	F-statistic		10.76797
Durbin-Watson stat	2.713511	Prob(F-statistic)		0.000000

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Uji Chow

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	3.424899	(17,67)	0.0002
Cross-section Chi-square	56.286521	17	0.0000

Cross-section fixed effects test equation:

Dependent Variable: ETR

Method: Panel Least Squares

Date: 12/24/20 Time: 16:14

Sample: 2015 2019

Periods included: 5

Cross-sections included: 18

Total panel (balanced) observations: 90

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.607833	0.487216	3.300040	0.0014
LIKUIDITAS	-0.206556	0.102167	-2.021744	0.0464
LEVERAGE	-3.755686	0.553497	-6.785373	0.0000
ROA	-2.582536	1.095626	-2.357134	0.0207
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INVINT	4.233847	4.564333	0.927594	0.3563
Root MSE	1.211446	R-squared		0.390597

Mean dependent var	-0.008795	Adjusted R-squared	0.354323
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Uji 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	43.072193	5	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LIKUIDITAS	-0.530183	-0.214792	0.026831	0.0542
LEVERAGE	-8.217624	-3.893395	0.669900	0.0000
ROA	-8.377824	-2.807532	0.826025	0.0000
CINT	-6.995297	2.476739	11.122224	0.0045
INVINT	-5.509418	4.277461	46.528551	0.1514

Cross-section random effects test equation:

Dependent Variable: ETR

Method: Panel Least Squares

Date: 12/24/20 Time: 16:25

Sample: 2015 2019

Periods included: 5

Cross-sections included: 18

Total panel (balanced) observations: 90

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7.176514	1.178181	6.091182	0.0000
LIKUIDITAS	-0.530183	0.185842	-2.852876	0.0058
LEVERAGE	-8.217624	0.947020	-8.677350	0.0000
ROA	-8.377824	1.293810	-6.475314	0.0000
CINT	-6.995297	3.466058	-2.018229	0.0476
INVINT	-5.509418	7.855668	-0.701330	0.4855

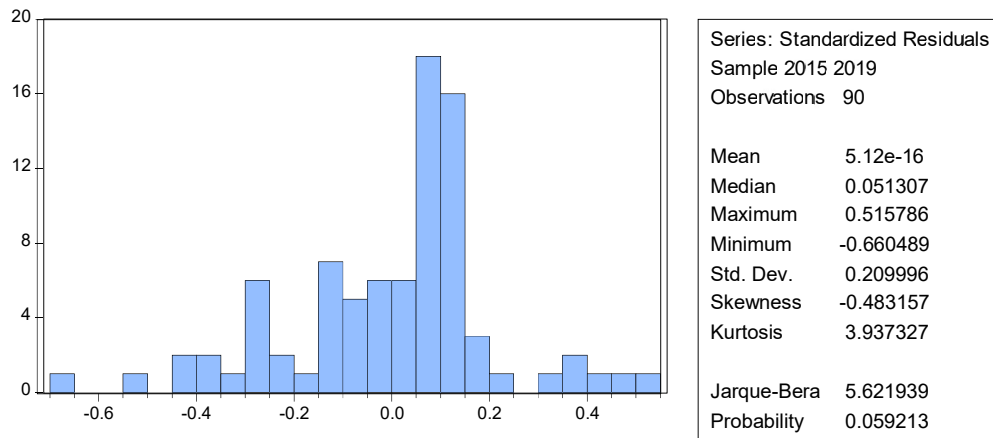
Effects Specification

Cross-section fixed (dummy variables)

Root MSE	0.886133	R-squared	0.673943
Mean dependent var	-0.008795	Adjusted R-squared	0.566879
S.D. dependent var	1.560552	S.E. of regression	1.027029
Akaike info criterion	3.107212	Sum squared resid	70.67087
Schwarz criterion	3.746052	Log likelihood	-116.8245
Hannan-Quinn criter.	3.364830	F-statistic	6.294784
Durbin-Watson stat	2.938301	Prob(F-statistic)	0.000000

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Uji Normalitas



Multikolinearitas

	LIKUIDITAS	LEVERAGE	ROA	CINT	INVINT
LIKUIDITAS					
S	1.000000	-0.474608	0.221206	0.094074	0.179519
LEVERAGE					
E	-0.474608	1.000000	-0.428948	-0.001251	-0.307968
ROA	0.221206	-0.428948	1.000000	0.161738	0.513781
CINT	0.094074	-0.001251	0.161738	1.000000	0.139154
INVINT	0.179519	-0.307968	0.513781	0.139154	1.000000

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Heteroskedastisitas

Heteroskedasticity Test: Breusch-Pagan-Godfrey

Null hypothesis: Homoskedasticity

F-statistic	0.922612	Prob. F(5,84)	0.4341
Obs*R-squared	2.811134	Prob. Chi-Square(5)	0.4217
Scaled explained SS	5.237508	Prob. Chi-Square(5)	0.1552

Test Equation:

Dependent Variable: RESID^2

Method: Least Squares

Date: 12/24/20 Time: 17:04

Sample: 1 90

Included observations: 90

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-7.788849	2.212088	-3.521039	0.0007
LIKUIDITAS	1.125593	0.463866	2.426547	0.0174
LEVERAGE	19.57854	2.513022	7.790833	0.0000
ROA	10.18772	4.974426	2.048019	0.0437
CINT	-11.56982	4.928914	-2.347336	0.0213
INVINT	-7.591166	20.72326	-0.366311	0.7151
R-squared	0.448197	Mean dependent var		1.467602
Adjusted R-squared	0.415352	S.D. dependent var		7.445936
S.E. of regression	5.693332	Akaike info criterion		6.380809

Sum squared resid	2722.779	Schwarz criterion	6.547463
Log likelihood	-281.1364	Hannan-Quinn criter.	6.448014
F-statistic	13.64567	Durbin-Watson stat	2.029160
Prob(F-statistic)	0.000000		

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Autokorelasi

Breusch-Godfrey Serial Correlation LM Test:

Null hypothesis: No serial correlation at up to 2 lags

F-statistic	1.873622	Prob. F(2,82)	0.1601
Obs*R-squared	3.933094	Prob. Chi-Square(2)	0.1399

Test Equation:

Dependent Variable: RESID

Method: Least Squares

Date: 12/24/20 Time: 17:08

Sample: 1 90

Included observations: 90

Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.149659	0.495420	-0.302084	0.7634
LIKUIDITAS	0.004170	0.101635	0.041032	0.9674

LEVERAGE	0.238410	0.568475	0.419384	0.6760
ROA	0.336426	1.098464	0.306270	0.7602
CINT	0.010834	1.075923	0.010070	0.9920
INVINT	0.126079	4.524766	0.027864	0.9778
RESID(-1)	-0.208320	0.115133	-1.809385	0.0741
RESID(-2)	0.029803	0.111885	0.266375	0.7906
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R-squared	0.043701	Mean dependent var		-6.29E-16
Adjusted R-squared	-0.037934	S.D. dependent var		1.218233
S.E. of regression	1.241124	Akaike info criterion		3.354600
Sum squared resid	126.3119	Schwarz criterion		3.576805
Log likelihood	-142.9570	Hannan-Quinn criter.		3.444206
F-statistic	0.535321	Durbin-Watson stat		2.021393
Prob(F-statistic)	0.805359			
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DATA TABULASI PENELITIAN

Kode	Tahun	ETR	Likuiditas	Leverage	ROA	CINT	INVINT	
ADRO	2015	0,4607	2,4039	0,4373	0,0296	0,2462	0,0122	
ADRO	2016	0,3766	2,4710	0,4195	0,0585	0,2368	0,0113	
ADRO	2017	0,4229	2,5594	0,3995	0,0760	0,2211	0,0125	
ADRO	2018	0,4183	1,9601	0,3906	0,0664	0,2280	0,0159	
ADRO	2019	0,3400	1,7118	0,4481	0,0537	0,2387	0,0168	
ARII	2015	(0,0219)	0,2050	0,7667	(0,0722)	0,2164	0,0169	
ARII	2016	(0,3150)	0,1772	0,8296	(0,0779)	0,2135	0,0103	
ARII	2017	(1,3426)	0,2305	0,8784	(0,0505)	0,2220	0,0131	
ARII	2018	(0,0177)	0,2342	0,9715	(0,0812)	0,2324	0,0178	
ARII	2019	(0,0279)	0,2408	0,8735	(0,0158)	0,2078	0,0183	
BRMS	2015	(0,2193)	0,0107	0,4498	(0,0308)	0,0641	0,0163	
BRMS	2016	(0,1103)	0,0146	0,4071	(0,4267)	0,1173	0,0264	

BRMS	2017	(0,4361)	2,0800	0,3488	(0,2865)	0,0228	0,0305	
BRMS	2018	(0,0003)	0,6707	0,2487	(0,1485)	0,0038	0,0275	
BRMS	2019	0,0285	0,3336	0,2702	0,0019	0,0166	0,0025	
BSSR	2015	0,2770	0,8352	0,3964	0,1538	0,3821	0,0366	
BSSR	2016	0,2296	1,1081	0,3078	0,1489	0,3741	0,0285	
BSSR	2017	0,2585	1,4491	0,2867	0,3928	0,3038	0,0264	
BSSR	2018	0,2602	1,2150	0,3869	0,2831	0,2506	0,0650	
BSSR	2019	0,2626	1,2065	0,3206	0,1198	0,2440	0,0493	
BUMI	2015	(0,0710)	0,0990	1,8558	(0,6441)	0,0667	0,0090	
BUMI	2016	(13,8149)	0,6924	1,8977	0,0380	0,0723	0,0097	
BUMI	2017	0,2163	0,5690	0,9225	0,0648	0,0139	0,0083	
BUMI	2018	0,0516	0,3977	0,8711	0,0406	0,0062	0,0123	
BUMI	2019	(1,4980)	0,3871	0,8623	0,0017	0,0071	0,0077	
BYAN	2015	(0,1997)	1,8854	0,8164	(0,0876)	0,2772	0,0961	
BYAN	2016	0,3894	2,5461	0,7719	0,0231	0,2997	0,0544	
BYAN	2017	0,1954	1,0241	0,4199	0,3821	0,2919	0,0949	

BYAN	2018	0,2475	1,2372	0,4108	0,4308	0,2601	0,1054	
BYAN	2019	0,2484	0,8944	0,5156	0,2013	0,2589	0,1639	
DEWA	2015	0,9143	1,2533	0,3974	0,0030	0,4128	0,0430	
DEWA	2016	0,8011	1,1137	0,4096	0,0010	0,4463	0,0396	
DEWA	2017	0,7443	0,8352	0,4337	0,0060	0,4283	0,0492	
DEWA	2018	0,6234	0,7951	0,4440	0,0078	0,4061	0,0489	
DEWA	2019	0,0583	1,0396	0,5737	0,0063	0,3222	0,0578	
DOID	2015	(0,4350)	3,0025	0,8978	(0,0004)	0,4560	0,0238	
DOID	2016	0,3891	1,3647	0,8567	0,0437	0,4601	0,0207	
DOID	2017	0,4608	1,5889	0,8126	0,0453	0,5122	0,0301	
DOID	2018	0,2990	1,5843	0,7791	0,0684	0,5555	0,0282	
DOID	2019	0,4128	1,8322	0,7626	0,0155	0,4992	0,0459	
DSSA	2015	0,0719	1,5483	0,4405	0,0886	0,1950	0,0201	
DSSA	2016	0,3366	1,7477	0,4252	0,0371	0,1893	0,0140	
DSSA	2017	0,3365	1,6618	0,4689	0,0698	0,1610	0,0264	
DSSA	2018	0,3786	1,2190	0,5532	0,0228	0,1269	0,0223	

DSSA	2019	0,4612	1,2965	0,5595	0,0363	0,1162	0,0175	
GEMS	2015	0,2493	2,7943	0,3304	0,0069	0,1433	0,0438	
GEMS	2016	0,2847	3,7743	0,2985	0,0895	0,1333	0,0226	
GEMS	2017	0,2821	1,6823	0,5051	0,2017	0,0937	0,0270	
GEMS	2018	0,2581	1,3197	0,5495	0,1433	0,1023	0,0277	
GEMS	2019	0,3346	1,3229	0,5411	0,0841	0,1087	0,0289	
HRUM	2015	(0,0739)	6,9136	0,0978	(0,0499)	0,2586	0,0201	
HRUM	2016	0,3883	5,0664	0,1402	0,0435	0,2153	0,0195	
HRUM	2017	0,2367	5,6869	0,1384	0,1213	0,1752	0,0253	
HRUM	2018	0,1657	4,5597	0,1699	0,0859	0,1756	0,0753	
HRUM	2019	0,2148	9,2224	0,1061	0,0450	0,1676	0,0364	
ITMG	2015	0,5474	1,8018	0,2918	0,0536	0,2161	0,0996	
ITMG	2016	0,3192	2,2568	0,2508	0,1080	0,1850	0,0512	
ITMG	2017	0,3020	2,4335	0,2948	0,1860	0,1638	0,0800	
ITMG	2018	0,2956	1,9658	0,3278	0,1794	0,1575	0,0748	
ITMG	2019	0,3195	2,0254	0,2685	0,1046	0,1843	0,0848	

KKGI	2015	0,3757	2,2195	0,2210	0,0284	0,1648	0,0650	
KKGI	2016	0,3551	4,0509	0,1449	0,1046	0,1536	0,0833	
KKGI	2017	0,3156	3,5405	0,1564	0,1279	0,2135	0,0521	
KKGI	2018	0,5753	1,4782	0,2606	0,0041	0,2431	0,0944	
KKGI	2019	0,3257	2,1736	0,2609	0,0429	0,1957	0,0723	
MBAP	2015	0,2684	2,0731	0,3235	0,3175	0,2948	0,1205	
MBAP	2016	0,2504	3,4488	0,2126	0,2330	0,2716	0,0842	
MBAP	2017	0,2552	3,1625	0,2393	0,3647	0,2030	0,1316	
MBAP	2018	0,2560	2,6379	0,2843	0,2900	0,1924	0,1316	
MBAP	2019	0,2715	3,6036	0,2435	0,1833	0,1550	0,0592	
PTBA	2015	0,2506	1,5435	0,4502	0,1577	0,3302	0,0730	
PTBA	2016	0,2595	1,6558	0,4320	0,1452	0,3277	0,0593	
PTBA	2017	0,2548	2,4634	0,3724	0,2068	0,2819	0,0526	
PTBA	2018	0,2533	2,3785	0,3269	0,2119	0,2709	0,0476	
PTBA	2019	0,2593	2,4897	0,2941	0,1548	0,2787	0,0530	
SMMT	2015	(0,2830)	0,7590	0,4401	(0,0850)	0,0599	0,0196	

SMMT	2016	(0,2505)	0,2656	0,4013	(0,0287)	0,0575	0,0047	
SMMT	2017	0,2746	0,2137	0,4221	0,0552	0,0834	0,0037	
SMMT	2018	0,2618	0,3284	0,4116	0,1017	0,0592	0,0075	
SMMT	2019	0,2635	0,6109	0,3294	0,0072	0,0376	0,0039	
TOBA	2015	0,3423	1,3995	0,4507	0,0911	0,1730	0,0769	
TOBA	2016	0,4386	0,9678	0,4352	0,0558	0,1812	0,0598	
TOBA	2017	0,3127	1,5256	0,4982	0,1216	0,1336	0,0708	
TOBA	2018	0,3001	1,2241	0,5704	0,1357	0,0962	0,0992	
TOBA	2019	0,3042	0,9196	0,5838	0,0689	0,0590	0,0683	
SMRU	2015	(0,1171)	0,6746	0,5339	(0,1015)	0,3436	0,0137	
SMRU	2016	(0,0708)	1,6131	0,5930	(0,0931)	0,3285	0,0159	
SMRU	2017	(3,5045)	1,1069	0,4957	0,0161	0,3289	0,0219	
SMRU	2018	(0,1626)	2,3234	0,4979	(0,0365)	0,3545	0,0122	
SMRU	2019	(0,0132)	1,1415	0,5382	(0,1118)	0,3713	0,0097	

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Tabel Chi-Square

df	Pr	0.25	0.10	0.05	0.010	0.005	0.001
1		1.32330	2.70554	3.84146	6.63490	7.87944	10.82757
2		2.77259	4.60517	5.99146	9.21034	10.59663	13.81551
3		4.10834	6.25139	7.81473	11.34487	12.83816	16.26624
4		5.38527	7.77944	9.48773	13.27670	14.86026	18.46683
5		6.62568	9.23636	11.07050	15.08627	16.74960	20.51501
6		7.84080	10.64464	12.59159	16.81189	18.54758	22.45774
7		9.03715	12.01704	14.06714	18.47531	20.27774	24.32189
8		10.21885	13.36157	15.50731	20.09024	21.95495	26.12448
9		11.38875	14.68366	16.91898	21.66599	23.58935	27.87716
10		12.54886	15.98718	18.30704	23.20925	25.18818	29.58830
11		13.70069	17.27501	19.67514	24.72497	26.75685	31.26413
12		14.84540	18.54935	21.02607	26.21697	28.29952	32.90949
13		15.98391	19.81193	22.36203	27.68825	29.81947	34.52818
14		17.11693	21.06414	23.68479	29.14124	31.31935	36.12327
15		18.24509	22.30713	24.99579	30.57791	32.80132	37.69730
16		19.36886	23.54183	26.29623	31.99993	34.26719	39.25235
17		20.48868	24.76904	27.58711	33.40866	35.71847	40.79022
18		21.60489	25.98942	28.86930	34.80531	37.15645	42.31240
19		22.71781	27.20357	30.14353	36.19087	38.58226	43.82020
20		23.82769	28.41198	31.41043	37.56623	39.99685	45.31475
21		24.93478	29.61509	32.67057	38.93217	41.40106	46.79704
22		26.03927	30.81328	33.92444	40.28936	42.79565	48.26794
23		27.14134	32.00690	35.17246	41.63840	44.18128	49.72823
24		28.24115	33.19624	36.41503	42.97982	45.55851	51.17860

25	29.33885	34.38159	37.65248	44.31410	46.92789	52.61966
26	30.43457	35.56317	38.88514	45.64168	48.28988	54.05196
27	31.52841	36.74122	40.11327	46.96294	49.64492	55.47602
28	32.62049	37.91592	41.33714	48.27824	50.99338	56.89229
29	33.71091	39.08747	42.55697	49.58788	52.33562	58.30117
30	34.79974	40.25602	43.77297	50.89218	53.67196	59.70306
31	35.88708	41.42174	44.98534	52.19139	55.00270	61.09831
32	36.97298	42.58475	46.19426	53.48577	56.32811	62.48722
33	38.05753	43.74518	47.39988	54.77554	57.64845	63.87010
34	39.14078	44.90316	48.60237	56.06091	58.96393	65.24722
35	40.22279	46.05879	49.80185	57.34207	60.27477	66.61883
36	41.30362	47.21217	50.99846	58.61921	61.58118	67.98517
37	42.38331	48.36341	52.19232	59.89250	62.88334	69.34645
38	43.46191	49.51258	53.38354	61.16209	64.18141	70.70289
39	44.53946	50.65977	54.57223	62.42812	65.47557	72.05466

Lampiran 3

Tabel t

df	Pr	0.25	0.10	0.05	0.025	0.01	0.005	0.001
		0.50	0.20	0.10	0.050	0.02	0.010	0.002
81		0.67753	1.29209	1.66388	1.98969	2.37327	2.63790	3.19392
82		0.67749	1.29196	1.66365	1.98932	2.37269	2.63712	3.19262
83		0.67746	1.29183	1.66342	1.98896	2.37212	2.63637	3.19135
84		0.67742	1.29171	1.66320	1.98861	2.37156	2.63563	3.19011
85		0.67739	1.29159	1.66298	1.98827	2.37102	2.63491	3.18890
86		0.67735	1.29147	1.66277	1.98793	2.37049	2.63421	3.18772
87		0.67732	1.29136	1.66256	1.98761	2.36998	2.63353	3.18657
88		0.67729	1.29125	1.66235	1.98729	2.36947	2.63286	3.18544
89		0.67726	1.29114	1.66216	1.98698	2.36898	2.63220	3.18434
90		0.67723	1.29103	1.66196	1.98667	2.36850	2.63157	3.18327
91		0.67720	1.29092	1.66177	1.98638	2.36803	2.63094	3.18222
92		0.67717	1.29082	1.66159	1.98609	2.36757	2.63033	3.18119
93		0.67714	1.29072	1.66140	1.98580	2.36712	2.62973	3.18019
94		0.67711	1.29062	1.66123	1.98552	2.36667	2.62915	3.17921
95		0.67708	1.29053	1.66105	1.98525	2.36624	2.62858	3.17825
96		0.67705	1.29043	1.66088	1.98498	2.36582	2.62802	3.17731
97		0.67703	1.29034	1.66071	1.98472	2.36541	2.62747	3.17639
98		0.67700	1.29025	1.66055	1.98447	2.36500	2.62693	3.17549
99		0.67698	1.29016	1.66039	1.98422	2.36461	2.62641	3.17460
100		0.67695	1.29007	1.66023	1.98397	2.36422	2.62589	3.17374
101		0.67693	1.28999	1.66008	1.98373	2.36384	2.62539	3.17289
102		0.67690	1.28991	1.65993	1.98350	2.36346	2.62489	3.17206
103		0.67688	1.28982	1.65978	1.98326	2.36310	2.62441	3.17125
104		0.67686	1.28974	1.65964	1.98304	2.36274	2.62393	3.17045
105		0.67683	1.28967	1.65950	1.98282	2.36239	2.62347	3.16967
106		0.67681	1.28959	1.65936	1.98260	2.36204	2.62301	3.16890
107		0.67679	1.28951	1.65922	1.98238	2.36170	2.62256	3.16815

108	0.67677	1.28944	1.65909	1.98217	2.36137	2.62212	3.16741
109	0.67675	1.28937	1.65895	1.98197	2.36105	2.62169	3.16669
110	0.67673	1.28930	1.65882	1.98177	2.36073	2.62126	3.16598
111	0.67671	1.28922	1.65870	1.98157	2.36041	2.62085	3.16528
112	0.67669	1.28916	1.65857	1.98137	2.36010	2.62044	3.16460
113	0.67667	1.28909	1.65845	1.98118	2.35980	2.62004	3.16392
114	0.67665	1.28902	1.65833	1.98099	2.35950	2.61964	3.16326

DAFTAR RIWAYAT HIDUP PENELITI

Data Pribadi

Nama : Didang Ranggi Nainggolan
Jenis Kelamin : Laki-laki
Tempat, Tanggal Lahir : Duri, 28 November 1997
Alamat : Jl. Gajah Mada
Agama : Kristen Protestan
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Pendidikan Formal

SDS ADVENT : 2004 - 2010
SMPS ADVENT : 2010 - 2013
SMAN 1 Mandau : 2013 - 2016
STIE Indonesia : 2016 - sekarang

Pengalaman Organisasi

2015 – 2016 : -

