

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
DER	60	18.3156	302.8644	96.379662	55.3845381
PP	60	-20.4431	148.5468	21.809602	30.9414226
ROE	60	4.8631	143.5333	27.009635	31.1057733
Valid N (listwise)	60				

Regression

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	.247	7.771		.032	.975
1 DER	.281	.065	.501	4.357	.000
PP	-.016	.116	-.016	-.140	.889

a. Dependent Variable: ROE

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		60
Normal Parameters ^{a,b}	Mean	.0000000
	Std. Deviation	26.89141490
	Absolute	.134
Most Extreme Differences	Positive	.134
	Negative	-.114
Kolmogorov-Smirnov Z		1.035
Asymp. Sig. (2-tailed)		.235

a. Test distribution is Normal.

b. Calculated from data.

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	.247	7.771		.032	.975		
	DER	.281	.065	.501	4.357	.000	.992	1.008
	PP	-.016	.116	-.016	-.140	.889	.992	1.008

a. Dependent Variable: ROE

Model Summary^b

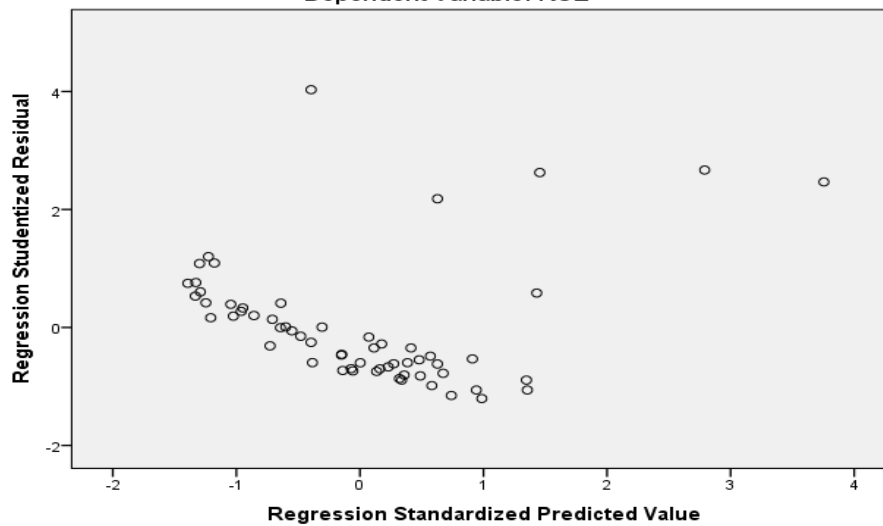
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.503 ^a	.253	.226	27.3591267	.648

a. Predictors: (Constant), PP, DER

b. Dependent Variable: ROE

Scatterplot

Dependent Variable: ROE



Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.503 ^a	.253	.226	27.3591267

a. Predictors: (Constant), PP, DER

b. Dependent Variable: ROE

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	14420.835	2	7210.418	9.633	.000 ^b
	Residual	42665.744	57	748.522		
	Total	57086.579	59			

a. Dependent Variable: ROE

b. Predictors: (Constant), PP, DER

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.247	7.771		.032	.975
	DER	.281	.065	.501	4.357	.000
	PP	-.016	.116	-.016	-.140	.889

a. Dependent Variable: ROE

UNIVERSITAS MUHAMMADIYAH SURABAYA

Jl Sutorejo No 59 Surabaya

PANITIA UJIAN SKRIPSI STRATA – 1 (S-1)
FAKULTAS EKONOMI DAN BISNIS

DAFTAR PERBAIKAN SKRIPSI




Nama Mahasiswa : Nurul Izzatur Rahmah

Noreg Mahasiswa : 20131220045

Jurusan : AKUNTANSI

Hari/Tanggal : Kamis, 24 Agustus 2017

Kami telah menyetujui perbaikan/refisi atas skripsi mahasiswa tersebut diatas

Nama Penguji	Tanda Tangan	Tanggal
Ma`ruf Sya`ban, SE, M.Ak		28/8 2017.
Rieska Maharani, SE, MM		29/8 '17
Drs. Ec, Soejono, MM.		26/8 2017.

Catatan

Setiap Mahasiswa membuat rangkap 3



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ENDORSEMENT LETTER

400/PB-UMS/EL/VIII/2017

This letter is to certify that the abstract of the thesis below

Title : The Influence of Capital Structure and Corporate Growth on Profitability
at Food and Beverages Companies Listed In Indonesia Stock Exchange
Period 2011-2016
Student's name : Nurul Izzatur Rahmah
Reg. Number : 2013220045
Department : S1 Akuntansi

has been endorsed by Pusat Bahasa *UMSurabaya* for further approval by the examining
committee of the faculty.

Surabaya, 29 August 2017


Wode Hamsia, M.Pd.



BERITA ACARA BIMBINGAN SKRIPSI


No. HP	: Nurul Izzatur Rahmah	JUDUL SKRIPSI: Pengaruh Struktur Model dan Pertumbuhan
	: 20131220045	Perusahaan Terhadap Profitabilitas Pada
Um Studi	: S1 Akuntansi	Perusahaan Food and Beverage yang Terdaftar
al Ujian	:	di Bursa Efek Indonesia. Periode 2011-2016
al/ di setuju skripsi sudah layak Uji	:	


DOSEN PEMBIMBING I Ma'rif Sya'ban, SE, M. AK.

DOSEN PEMBIMBING II Riesta Maharani, SE, MM


NO	MATERI PERKEMBANGAN BIMBINGAN	PARAF	TANGGAL	MATERI PERKEMBANGAN BIMBINGAN	PARAF
2017	1. Grama tumbuh teori dan buku.	[Signature]	13/03 '17	Latar Belakang di penelitian, pencarian top per	[Signature]
2017	2. Teori pertumbuhan buku 2016	[Signature]	21/03 '17	Latar belakang + jurnal pertumbuhan dan profitabilitas	[Signature]
2017	3. Bab I. Bagian Pembahasan dan metode	[Signature]	5/4 '17	revisi Bab I	[Signature]
2017	4. BAB II. Pembahasan. teori di pertumbuhan	[Signature]	10/4 '17	revisi penulisan pendahuluan, Hipotesis	[Signature]
2017	5. Pembahasan bagian I, II, III dan	[Signature]		lanjutan Bab III	[Signature]
2017	6. Pembahasan bagian IV. faktor-faktor pertumbuhan	[Signature]	17/4 '17	penyempitan kerangka konsep, Daftar pustaka	[Signature]
2017	7. Pembahasan bagian V. faktor-faktor pertumbuhan	[Signature]	28/4 '17	Daftar pustaka, kerangka konsep perbaikan	[Signature]
2017	8. Pembahasan bagian VI. kesimpulan	[Signature]	28/4 '17	Ace sempit	[Signature]
2017	9. Pembahasan bagian VII. penutup	[Signature]	7/6 '17	lanjutan pembahasan data	[Signature]
2017	10. Pembahasan bagian VIII. penutup	[Signature]	19/7 '17	Hipotesis re-2. pembahasan re-teori	[Signature]

DOSEN PEMBIMBING I		DOSEN PEMBIMBING II			
TANGGAL	MATERI PERKEMBANGAN BIMBINGAN	PARAF	TANGGAL	MATERI PERKEMBANGAN BIMBINGAN	PARAF
17/2/17	Be urban skripsi	✓	30/7 '17	laporan bab V	✓
			3/7 '17	Ace Ujian skripsi	✓

DOSEN PEMBIMBING I:  Sya'ban, SE, M. Ak

DOSEN PEMBIMBING II:  Riesta Maharani, SE, MM

KAPRODI AKUNTANSI/MANAJEMEN:  Riesta Maharani, SE, MM

MENGETAHUI DEKAN:  Dr. Anna L. Marina, Msi, Ak. CA

**KARTU MENGIKUTI SEMINAR PROPOSAL SKRIPSI
FAKULTAS EKONOMI UMSURABAYA
TAHUN AKADEMIK 2015-2016**

Nama Mahasiswa : Nurul Iszahr Rahmah
NIM : 20131220045
Jurusan : SI Akuntansi

NO	TANGGAL	NAMA	NIM	JUDUL	TTD KETUA PENGUJI
1	2/12/2016	Anelia Safina	20121221042	Analisis Perbedaan Pengaruh Motivasi Terhadap Kinerja PNS dan Tenaga Honor di Kantor Badan Pertahanan Nasional Surabaya II	
2	24/02/2017	Saiful Azlin Putra	20121221007	Pengaruh Kepemimpinan Transformasional dan Kepemimpinan Transaksional terhadap Kinerja Karyawan di PT. Laut Pasang Global Surabaya	
3	24/02/2017	Hidayatulloh	20121221024	Implementasi Produksi dan Strategi Pemasaran Usung Esi Petani Tambak di Desa Moneh Kecamatan Sreseh Kabupaten Sampang	
4	24/02/2017	Erick syahbara	20121220013	Pengaruh Tingkat suku bunga deposito Terhadap Jumlah Deposito pada PT. Bank Central Asia Tbk Kantor wilayah III Surabaya.	
5	5/4/2017	Sandra Indah Sari	20121220023	Pelaksanaan akuntansi produk sampingan pada Pabrik Tahu "APL" Lamongan.	
6	5/4/2017	SRI Handayani	2012120123	Perencanaan kebutuhan Bahan baku dengan menggunakan Metode Economic Order Quantity (EOQ) Guna Meningkatkan Efisiensi produksi PT. Sinar Karya dua	
7	25/4/2017	Sanhya Ulfah Sanhya Ulfah	20131220062	Pengaruh Tingkat Risiko Pembiayaan Mudharabah Masyarakat, LSH 'na & Jarak Terhadap Tingkat Profitabilitas Bank Syariah (Studi kasus PT. Bank syariah Mandiri)	
8	25/4/2017	Fifin Cahyarini	20131220110	Efektivitas dan Kontribusi Penerimaan Pajak Hotel dan Restoran Terhadap Pendapatan Asli Daerah Kab. Sumenep.	
9	7/6/2017	Ety Nur Bayami	20131220013	Penerapan SAK ETAP penjaminan laporan keuangan koperasi nubungan dengan transformasi laporan keuangan (Studi kasus koperasi simpan pinjam waduk)	
10	07/06/2017	Artinda Riski W	20131220055	Analisis laporan Keuangan sebagai alat ukur kinerja keuangan pada perusahaan food and beverage yang go public Periode 2012-2016 di BEI	

Surabaya,
Wadek I,

Andy Wardhana, SH.,M.Si

PERHITUNGAN STRUKTUR MODAL

No.	Nama Perusahaan	Tahun	Debt to Equity Ratio		DER
			Total Utang	Modal Sendiri	
1	PT. Tiga Pilar Sejahtera Food, Tbk.	2011	1.757.492.000.000	1.832.817.000.000	95,89020617
		2012	1.834.123.000.000	2.033.453.000.000	90,19746215
		2013	2.664.051.000.000	2.356.773.000.000	113,0380822
		2014	3.787.932.000.000	3.585.936.000.000	105,6330063
		2015	5.094.072.000.000	3.966.907.000.000	128,4142028
		2016	4.990.139.000.000	4.264.400.000.000	117,0185489
2	PT. Cahaya Kalbar, Tbk.	2011	418.302.169.536	405.058.748.832	103,2695061
		2012	564.289.732.196	463.402.986.308	121,770845
		2013	541.352.365.829	528.274.933.918	102,4754973
		2014	746.598.865.219	537.551.172.122	138,8888917
		2015	845.932.695.663	639.893.514.352	132,1989795
		2016	538.044.038.690	887.920.113.728	60,59599624
3	PT. Delta Djakarta, Tbk.	2011	123.231.249.000	572.935.427.000	21,50875006
		2012	147.095.322.000	598.211.513.000	24,58918272
		2013	190.482.809.000	676.557.993.000	28,1546905
		2014	227.473.881.000	764.473.253.000	29,75563633
		2015	188.700.435.000	849.621.481.000	22,20994163
		2016	185.422.642.000	1.012.374.008.000	18,31562649
4	PT. Indofood CBP Sukses Makmur, Tbk.	2011	4.513.084.000.000	10.709.773.000.000	42,13986608
		2012	5.766.682.000.000	11.986.798.000.000	48,10861082
		2013	8.001.739.000.000	13.265.731.000.000	60,31886973
		2014	9.870.264.000.000	15.039.947.000.000	65,62698658
		2015	10.173.713.000.000	16.389.911.000.000	62,07302163
		2016	10.401.125.000.000	18.500.823.000.000	56,21979628
5	PT. Indofood Sukses Makmur, Tbk.	2011	21.975.708.000.000	31.610.225.000.000	69,52088446
		2012	25.181.533.000.000	34.142.674.000.000	73,75383955
		2013	39.719.660.000.000	38.373.129.000.000	103,5090467
		2014	44.710.509.000.000	41.228.376.000.000	108,4459621
		2015	48.709.933.000.000	43.121.593.000.000	112,9594934
		2016	38.233.092.000.000	43.941.423.000.000	87,0092259
6	PT. Multi Bintang Indonesia, Tbk.	2011	690.545.000.000	530.268.000.000	130,2256595
		2012	822.195.000.000	329.853.000.000	249,2610345
		2013	794.615.000.000	987.533.000.000	80,46465283
		2014	1.677.254.000.000	553.797.000.000	302,864407
		2015	1.334.373.000.000	766.480.000.000	174,0910396
		2016	1.454.398.000.000	820.640.000.000	177,227286
7	PT. Mayora Indah, Tbk.	2011	4.175.176.240.894	2.424.669.292.434	172,1956992
		2012	5.234.655.914.665	3.067.850.327.238	170,6294426
		2013	5.771.077.430.823	3.938.760.819.650	146,5201289
		2014	6.190.553.036.545	4.100.554.992.789	150,9686627
		2015	6.148.255.759.034	5.194.459.927.187	118,3617902
		2016	6.657.165.872.077	6.265.255.987.065	106,2552893
8	PT. Nippon Indosari Corporindo, Tbk.	2011	212.695.735.714	546.441.182.786	38,92381146
		2012	538.337.083.673	666.607.597.550	80,75771798
		2013	1.035.351.397.437	787.337.649.671	131,5003033
		2014	1.182.771.921.472	960.122.354.744	123,1897076
		2015	1.517.788.685.162	1.188.534.951.872	127,7024864
		2016	1.476.889.086.692	1.442.751.772.026	102,3661253

9	PT. Sekar Laut, Tbk.	2011	91.337.531.247	122.900.348.177	74,31836655
		2012	120.263.906.808	129.482.560.948	92,8803894
		2013	162.339.135.063	139.650.353.636	116,2468485
		2014	178.206.785.017	153.368.106.620	116,1954652
		2015	225.066.080.248	152.044.668.111	148,0262893
		2016	272.088.644.079	296.151.295.872	91,87487878
10	PT. Ultra Jaya Milk Industry and Trading Company, Tbk.	2011	776.735.279.582	1.402.446.699.852	55,38429943
		2012	744.274.268.607	1.676.519.113.422	44,39402227
		2013	796.474.448.056	2.015.146.534.086	39,52439362
		2014	651.985.807.625	2.265.097.759.730	28,78400302
		2015	742.490.216.326	2.797.505.693.922	26,54115121
		2016	749.966.146.582	3.489.233.494.783	21,49372198

Sumber: Data Sekunder Perusahaan *Food and Beverage* 2011-2016 (diolah)

PERHITUNGAN PERTUMBUHAN PERUSAHAAN

No.	Nama Perusahaan	Tahun	Pertumbuhan Perusahaan		PP
			Penjualan t	Penjualan t-1	
1	PT. Tiga Pilar Sejahtera Food, Tbk.	2011	1.752.802.000.000	705.220.000.000	148,5468364
		2012	2.747.623.000.000	1.752.802.000.000	56,75603976
		2013	4.056.735.000.000	2.747.623.000.000	47,64525555
		2014	5.139.974.000.000	4.056.735.000.000	26,70223714
		2015	6.010.895.000.000	5.139.974.000.000	16,94407404
		2016	6.545.680.000.000	6.010.895.000.000	8,896927995
2	PT. Cahaya Kalbar, Tbk.	2011	1.238.169.022.036	718.204.875.108	72,39774679
		2012	1.123.519.657.631	1.238.169.022.036	-9,259589149
		2013	2.531.881.182.546	1.123.519.657.631	125,3526376
		2014	3.701.868.790.192	2.531.881.182.546	46,21020985
		2015	3.485.733.830.354	3.701.868.790.192	-5,838536482
		2016	4.115.541.761.173	3.485.733.830.354	18,068159
3	PT. Delta Djakarta, Tbk.	2011	564.051.178.000	547.816.338.000	2,963555278
		2012	719.951.793.000	564.051.178.000	27,63944498
		2013	867.066.542.000	719.951.793.000	20,43397217
		2014	879.253.383.000	867.066.542.000	1,40552546
		2015	699.506.819.000	879.253.383.000	-20,44309041
		2016	774.968.268.000	699.506.819.000	10,78780749
4	PT. Indofood CBP Sukses Makmur, Tbk.	2011	19.367.155.000.000	17.960.120.000.000	7,834218257
		2012	21.574.792.000.000	19.367.155.000.000	11,39887092
		2013	25.094.681.000.000	21.574.792.000.000	16,31482241
		2014	30.022.463.000.000	25.094.681.000.000	19,63675888
		2015	31.741.094.000.000	30.022.463.000.000	5,724483697
		2016	34.466.069.000.000	31.741.094.000.000	8,585006553
5	PT. Indofood Sukses Makmur, Tbk.	2011	45.332.256.000.000	38.403.360.000.000	18,04242129
		2012	50.059.427.000.000	45.332.256.000.000	10,4278309
		2013	57.731.998.000.000	50.059.427.000.000	15,32692534
		2014	63.594.452.000.000	57.731.998.000.000	10,15460092
		2015	64.061.947.000.000	63.594.452.000.000	0,735119158
		2016	66.750.317.000.000	64.061.947.000.000	4,196516225
6	PT. Multi Bintang Indonesia, Tbk.	2011	1.858.750.000.000	1.790.164.000.000	3,83126909
		2012	1.566.984.000.000	1.858.750.000.000	-15,69689307
		2013	3.561.989.000.000	1.566.984.000.000	127,3149566
		2014	2.988.501.000.000	3.561.989.000.000	-16,10021816
		2015	2.696.318.000.000	2.988.501.000.000	-9,776908223
		2016	3.263.311.000.000	2.696.318.000.000	21,02841727
7	PT. Mayora Indah, Tbk.	2011	9.453.865.992.878	7.224.164.991.859	30,86448058
		2012	10.510.625.669.832	9.453.865.992.878	11,17806914
		2013	12.017.837.133.337	10.510.625.669.832	14,33988338
		2014	14.169.088.278.238	12.017.837.133.337	17,9004851
		2015	14.818.730.635.847	14.169.088.278.238	4,584927025
		2016	18.349.959.898.358	14.818.730.635.847	23,82949896
8	PT. Nippon Indosari Corporindo, Tbk.	2011	813.342.078.952	612.192.357.641	32,85727416
		2012	1.190.825.893.340	813.342.078.952	46,41144534
		2013	1.505.519.937.691	1.190.825.893.340	26,42653692
		2014	1.880.262.901.697	1.505.519.937.691	24,89126544
		2015	2.174.501.712.899	1.880.262.901.697	15,64881225
		2016	2.521.920.968.213	2.174.501.712.899	15,97695938

9	PT. Sekar Laut, Tbk.	2011	344.435.729.830	314.145.710.944	9,64202847
		2012	401.724.215.506	344.435.729.830	16,63256181
		2013	567.048.547.543	401.724.215.506	41,15368844
		2014	681.419.524.161	567.048.547.543	20,16952113
		2015	745.107.731.208	681.419.524.161	9,346401855
		2016	833.850.372.883	745.107.731.208	11,91004172
10	PT. Ultra Jaya Milk Industry and Trading Company, Tbk.	2011	2.102.383.741.532	1.880.411.473.916	11,80445188
		2012	2.809.851.307.439	2.102.383.741.532	33,65073426
		2013	3.460.231.249.075	2.809.851.307.439	23,14641846
		2014	3.916.789.366.423	3.460.231.249.075	13,19443946
		2015	4.393.932.684.171	3.916.789.366.423	12,18200095
		2016	4.685.987.917.355	4.393.932.684.171	6,646784422

Sumber: Data Sekunder Perusahaan *Food and Beverage* 2011-2016 (diolah)

PERHITUNGAN PROFITABILITAS

No.	Nama Perusahaan	Tahun	Return on Equity		ROE
			Laba Setelah Pajak	Modal Sendiri	
1	PT. Tiga Pilar Sejahtera Food, Tbk.	2011	149.951.000.000	1.832.817.000.000	8,181449648
		2012	253.664.000.000	2.033.453.000.000	12,47454453
		2013	346.728.000.000	2.356.773.000.000	14,71198117
		2014	377.911.000.000	3.585.936.000.000	10,53869896
		2015	373.750.000.000	3.966.907.000.000	9,421698064
		2016	719.228.000.000	4.264.400.000.000	16,86586624
2	PT. Cahaya Kalbar, Tbk.	2011	96.305.943.766	405.058.748.832	23,77579648
		2012	58.344.237.476	463.402.986.308	12,59038875
		2013	65.871.947.610	528.274.933.918	12,46925481
		2014	41.001.414.954	537.551.172.122	7,627444061
		2015	106.549.446.980	639.893.514.352	16,65112157
		2016	249.697.013.626	887.920.113.728	28,12156294
3	PT. Delta Djakarta, Tbk.	2011	151.715.042.000	572.935.427.000	26,48030386
		2012	213.421.077.000	598.211.513.000	35,6765245
		2013	270.498.062.000	676.557.993.000	39,98150414
		2014	288.073.432.000	764.473.253.000	37,68260444
		2015	192.045.199.000	849.621.481.000	22,60361859
		2016	254.509.268.000	1.012.374.008.000	25,13984614
4	PT. Indofood CBP Sukses Makmur, Tbk.	2011	2.066.365.000.000	10.709.773.000.000	19,29419979
		2012	2.282.371.000.000	11.986.798.000.000	19,04070628
		2013	2.235.040.000.000	13.265.731.000.000	16,84822344
		2014	2.531.681.000.000	15.039.947.000.000	16,83304469
		2015	2.923.148.000.000	16.389.911.000.000	17,83504499
		2016	3.631.301.000.000	18.500.823.000.000	19,62778088
5	PT. Indofood Sukses Makmur, Tbk.	2011	4.891.673.000.000	31.610.225.000.000	15,47497052
		2012	4.779.446.000.000	34.142.674.000.000	13,99845249
		2013	3.416.635.000.000	38.373.129.000.000	8,903717495
		2014	5.146.323.000.000	41.228.376.000.000	12,48247809
		2015	3.709.501.000.000	43.121.593.000.000	8,602421065
		2016	5.266.906.000.000	43.941.423.000.000	11,98619808
6	PT. Multi Bintang Indonesia, Tbk.	2011	507.382.000.000	530.268.000.000	95,68406919
		2012	453.405.000.000	329.853.000.000	137,4566853
		2013	1.171.229.000.000	987.533.000.000	118,601505
		2014	794.883.000.000	553.797.000.000	143,5332802
		2015	496.909.000.000	766.480.000.000	64,83000209
		2016	982.129.000.000	820.640.000.000	119,6784217
7	PT. Mayora Indah, Tbk.	2011	483.486.152.677	2.424.669.292.434	19,94029265
		2012	744.428.404.309	3.067.850.327.238	24,26547337
		2013	1.058.418.939.252	3.938.760.819.650	26,8718764
		2014	409.824.768.594	4.100.554.992.789	9,994373184
		2015	1.250.233.128.560	5.194.459.927.187	24,06858742
		2016	1.388.676.127.665	6.265.255.987.065	22,16471491
8	PT. Nippon Indosari Corporindo, Tbk.	2011	115.932.533.042	546.441.182.786	21,21592162
		2012	149.149.548.025	666.607.597.550	22,37441466
		2013	158.015.270.921	787.337.649.671	20,06956875
		2014	188.577.521.074	960.122.354.744	19,64098848
		2015	270.538.700.440	1.188.534.951.872	22,76236807
		2016	279.777.368.831	1.442.751.772.026	19,39192689

9	PT. Sekar Laut, Tbk.	2011	5.976.790.919	122.900.348.177	4,863119599
		2012	7.962.693.771	129.482.560.948	6,149626415
		2013	11.440.041.188	139.650.353.636	8,191917092
		2014	16.480.741.984	153.368.106.620	10,74587302
		2015	20.066.791.849	152.044.668.111	13,19795827
		2016	20.646.121.074	296.151.295.872	6,971477539
10	PT. Ultra Jaya Milk Industry and Trading Company, Tbk.	2011	101.323.273.593	1.402.446.699.852	7,224750403
		2012	353.431.619.485	1.676.519.113.422	21,08127588
		2013	325.127.420.664	2.015.146.534.086	16,13418256
		2014	283.360.914.211	2.265.097.759.730	12,5098757
		2015	523.100.215.029	2.797.505.693.922	18,69880788
		2016	709.825.635.742	3.489.233.494.783	20,34331141

Sumber: Data Sekunder Perusahaan *Food and Beverage* 2011-2016 (diolah)

**HASIL PERHITUNGAN STRUKTUR MODAL,
PERTUMBUHAN PERUSAHAAN DAN PROFITABILITAS**

No.	Nama Perusahaan	Tahun	DER	PP	ROE
1	PT. Tiga Pilar Sejahtera Food, Tbk.	2011	95,89020617	148,5468364	8,181449648
		2012	90,19746215	56,75603976	12,47454453
		2013	113,0380822	47,64525555	14,71198117
		2014	105,6330063	26,70223714	10,53869896
		2015	128,4142028	16,94407404	9,421698064
		2016	117,0185489	8,896927995	16,86586624
2	PT. Cahaya Kalbar, Tbk.	2011	103,2695061	72,39774679	23,77579648
		2012	121,770845	-9,259589149	12,59038875
		2013	102,4754973	125,3526376	12,46925481
		2014	138,8888917	46,21020985	7,627444061
		2015	132,1989795	-5,838536482	16,65112157
		2016	60,59599624	18,068159	28,12156294
3	PT. Delta Djakarta, Tbk.	2011	21,50875006	2,963555278	26,48030386
		2012	24,58918272	27,63944498	35,6765245
		2013	28,1546905	20,43397217	39,98150414
		2014	29,75563633	1,40552546	37,68260444
		2015	22,20994163	-20,44309041	22,60361859
		2016	18,31562649	10,78780749	25,13984614
4	PT. Indofood CBP Sukses Makmur, Tbk.	2011	42,13986608	7,834218257	19,29419979
		2012	48,10861082	11,39887092	19,04070628
		2013	60,31886973	16,31482241	16,84822344
		2014	65,62698658	19,63675888	16,83304469
		2015	62,07302163	5,724483697	17,83504499
		2016	56,21979628	8,585006553	19,62778088
5	PT. Indofood Sukses Makmur, Tbk.	2011	69,52088446	18,04242129	15,47497052
		2012	73,75383955	10,4278309	13,99845249
		2013	103,5090467	15,32692534	8,903717495
		2014	108,4459621	10,15460092	12,48247809
		2015	112,9594934	0,735119158	8,602421065
		2016	87,0092259	4,196516225	11,98619808
6	PT. Multi Bintang Indonesia, Tbk.	2011	130,2256595	3,83126909	95,68406919
		2012	249,2610345	-15,69689307	137,4566853
		2013	80,46465283	127,3149566	118,601505
		2014	302,864407	-16,10021816	143,5332802
		2015	174,0910396	-9,776908223	64,83000209
		2016	177,227286	21,02841727	119,6784217
7	PT. Mayora Indah, Tbk.	2011	172,1956992	30,86448058	19,94029265
		2012	170,6294426	11,17806914	24,26547337
		2013	146,5201289	14,33988338	26,8718764
		2014	150,9686627	17,9004851	9,994373184
		2015	118,3617902	4,584927025	24,06858742
		2016	106,2552893	23,82949896	22,16471491

8	PT. Nippon Indosari Corporindo, Tbk.	2011	38,92381146	32,85727416	21,21592162
		2012	80,75771798	46,41144534	22,37441466
		2013	131,5003033	26,42653692	20,06956875
		2014	123,1897076	24,89126544	19,64098848
		2015	127,7024864	15,64881225	22,76236807
		2016	102,3661253	15,97695938	19,39192689
9	PT. Sekar Laut, Tbk.	2011	74,31836655	9,64202847	4,863119599
		2012	92,8803894	16,63256181	6,149626415
		2013	116,2468485	41,15368844	8,191917092
		2014	116,1954652	20,16952113	10,74587302
		2015	148,0262893	9,346401855	13,19795827
		2016	91,87487878	11,91004172	6,971477539
10	PT. Ultra Jaya Milk Industry and Trading Company, Tbk.	2011	55,38429943	11,80445188	7,224750403
		2012	44,39402227	33,65073426	21,08127588
		2013	39,52439362	23,14641846	16,13418256
		2014	28,78400302	13,19443946	12,5098757
		2015	26,54115121	12,18200095	18,69880788
		2016	21,49372198	6,646784422	20,34331141

Sumber: Hasil Perhitungan DER, PP, ROE

Titik Persentase Distribusi F

Probabilita = 0.05

Diproduksi oleh: Junaidi
<http://junaidichaniago.wordpress.com>

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	161	199	216	225	230	234	237	239	241	242	243	244	245	245	246
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76	8.74	8.73	8.71	8.70
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.22	2.20
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28	2.25	2.22	2.20	2.18
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26	2.23	2.20	2.17	2.15
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.24	2.20	2.18	2.15	2.13
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22	2.18	2.15	2.13	2.11
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.20	2.16	2.14	2.11	2.09
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.12	2.09	2.07
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.17	2.13	2.10	2.08	2.06
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15	2.12	2.09	2.06	2.04
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.14	2.10	2.08	2.05	2.03
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16	2.13	2.09	2.06	2.04	2.01
31	4.16	3.30	2.91	2.68	2.52	2.41	2.32	2.25	2.20	2.15	2.11	2.08	2.05	2.03	2.00
32	4.15	3.29	2.90	2.67	2.51	2.40	2.31	2.24	2.19	2.14	2.10	2.07	2.04	2.01	1.99
33	4.14	3.28	2.89	2.66	2.50	2.39	2.30	2.23	2.18	2.13	2.09	2.06	2.03	2.00	1.98
34	4.13	3.28	2.88	2.65	2.49	2.38	2.29	2.23	2.17	2.12	2.08	2.05	2.02	1.99	1.97
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11	2.07	2.04	2.01	1.99	1.96
36	4.11	3.26	2.87	2.63	2.48	2.36	2.28	2.21	2.15	2.11	2.07	2.03	2.00	1.98	1.95
37	4.11	3.25	2.86	2.63	2.47	2.36	2.27	2.20	2.14	2.10	2.06	2.02	2.00	1.97	1.95
38	4.10	3.24	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09	2.05	2.02	1.99	1.96	1.94
39	4.09	3.24	2.85	2.61	2.46	2.34	2.26	2.19	2.13	2.08	2.04	2.01	1.98	1.95	1.93
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08	2.04	2.00	1.97	1.95	1.92
41	4.08	3.23	2.83	2.60	2.44	2.33	2.24	2.17	2.12	2.07	2.03	2.00	1.97	1.94	1.92
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06	2.03	1.99	1.96	1.94	1.91
43	4.07	3.21	2.82	2.59	2.43	2.32	2.23	2.16	2.11	2.06	2.02	1.99	1.96	1.93	1.91
44	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05	2.01	1.98	1.95	1.92	1.90
45	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05	2.01	1.97	1.94	1.92	1.89

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	4.05	3.20	2.81	2.57	2.42	2.30	2.22	2.15	2.09	2.04	2.00	1.97	1.94	1.91	1.89
47	4.05	3.20	2.80	2.57	2.41	2.30	2.21	2.14	2.09	2.04	2.00	1.96	1.93	1.91	1.88
48	4.04	3.19	2.80	2.57	2.41	2.29	2.21	2.14	2.08	2.03	1.99	1.96	1.93	1.90	1.88
49	4.04	3.19	2.79	2.56	2.40	2.29	2.20	2.13	2.08	2.03	1.99	1.96	1.93	1.90	1.88
50	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.03	1.99	1.95	1.92	1.89	1.87
51	4.03	3.18	2.79	2.55	2.40	2.28	2.20	2.13	2.07	2.02	1.98	1.95	1.92	1.89	1.87
52	4.03	3.18	2.78	2.55	2.39	2.28	2.19	2.12	2.07	2.02	1.98	1.94	1.91	1.89	1.86
53	4.02	3.17	2.78	2.55	2.39	2.28	2.19	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
54	4.02	3.17	2.78	2.54	2.39	2.27	2.18	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
55	4.02	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.06	2.01	1.97	1.93	1.90	1.88	1.85
56	4.01	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
57	4.01	3.16	2.77	2.53	2.38	2.26	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
58	4.01	3.16	2.76	2.53	2.37	2.26	2.17	2.10	2.05	2.00	1.96	1.92	1.89	1.87	1.84
59	4.00	3.15	2.76	2.53	2.37	2.26	2.17	2.10	2.04	2.00	1.96	1.92	1.89	1.86	1.84
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04	1.99	1.95	1.92	1.89	1.86	1.84
61	4.00	3.15	2.76	2.52	2.37	2.25	2.16	2.09	2.04	1.99	1.95	1.91	1.88	1.86	1.83
62	4.00	3.15	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.99	1.95	1.91	1.88	1.85	1.83
63	3.99	3.14	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
64	3.99	3.14	2.75	2.52	2.36	2.24	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
65	3.99	3.14	2.75	2.51	2.36	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.85	1.82
66	3.99	3.14	2.74	2.51	2.35	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.84	1.82
67	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.98	1.93	1.90	1.87	1.84	1.82
68	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.97	1.93	1.90	1.87	1.84	1.82
69	3.98	3.13	2.74	2.50	2.35	2.23	2.15	2.08	2.02	1.97	1.93	1.90	1.86	1.84	1.81
70	3.98	3.13	2.74	2.50	2.35	2.23	2.14	2.07	2.02	1.97	1.93	1.89	1.86	1.84	1.81
71	3.98	3.13	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.97	1.93	1.89	1.86	1.83	1.81
72	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
73	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
74	3.97	3.12	2.73	2.50	2.34	2.22	2.14	2.07	2.01	1.96	1.92	1.89	1.85	1.83	1.80
75	3.97	3.12	2.73	2.49	2.34	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.83	1.80
76	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.82	1.80
77	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.96	1.92	1.88	1.85	1.82	1.80
78	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.80
79	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.79
80	3.96	3.11	2.72	2.49	2.33	2.21	2.13	2.06	2.00	1.95	1.91	1.88	1.84	1.82	1.79
81	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.82	1.79
82	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.81	1.79
83	3.96	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.91	1.87	1.84	1.81	1.79
84	3.95	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.90	1.87	1.84	1.81	1.79
85	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.79
86	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.78
87	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.87	1.83	1.81	1.78
88	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.86	1.83	1.81	1.78
89	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78
90	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
91	3.95	3.10	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.94	1.90	1.86	1.83	1.80	1.78
92	3.94	3.10	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.94	1.89	1.86	1.83	1.80	1.78
93	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93	1.89	1.86	1.83	1.80	1.78
94	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93	1.89	1.86	1.83	1.80	1.77
95	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93	1.89	1.86	1.82	1.80	1.77
96	3.94	3.09	2.70	2.47	2.31	2.19	2.11	2.04	1.98	1.93	1.89	1.85	1.82	1.80	1.77
97	3.94	3.09	2.70	2.47	2.31	2.19	2.11	2.04	1.98	1.93	1.89	1.85	1.82	1.80	1.77
98	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.98	1.93	1.89	1.85	1.82	1.79	1.77
99	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.98	1.93	1.89	1.85	1.82	1.79	1.77
100	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.97	1.93	1.89	1.85	1.82	1.79	1.77
101	3.94	3.09	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.93	1.88	1.85	1.82	1.79	1.77
102	3.93	3.09	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.82	1.79	1.77
103	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.82	1.79	1.76
104	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.82	1.79	1.76
105	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.81	1.79	1.76
106	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.84	1.81	1.79	1.76
107	3.93	3.08	2.69	2.46	2.30	2.18	2.10	2.03	1.97	1.92	1.88	1.84	1.81	1.79	1.76
108	3.93	3.08	2.69	2.46	2.30	2.18	2.10	2.03	1.97	1.92	1.88	1.84	1.81	1.78	1.76
109	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.97	1.92	1.88	1.84	1.81	1.78	1.76
110	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.97	1.92	1.88	1.84	1.81	1.78	1.76
111	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.97	1.92	1.88	1.84	1.81	1.78	1.76
112	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.96	1.92	1.88	1.84	1.81	1.78	1.76
113	3.93	3.08	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.92	1.87	1.84	1.81	1.78	1.76
114	3.92	3.08	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.81	1.78	1.75
115	3.92	3.08	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.81	1.78	1.75
116	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.81	1.78	1.75
117	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.80	1.78	1.75
118	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.80	1.78	1.75
119	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.78	1.75
120	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.78	1.75
121	3.92	3.07	2.68	2.45	2.29	2.17	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.77	1.75
122	3.92	3.07	2.68	2.45	2.29	2.17	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.77	1.75
123	3.92	3.07	2.68	2.45	2.29	2.17	2.08	2.01	1.96	1.91	1.87	1.83	1.80	1.77	1.75
124	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.96	1.91	1.87	1.83	1.80	1.77	1.75
125	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.96	1.91	1.87	1.83	1.80	1.77	1.75
126	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.95	1.91	1.87	1.83	1.80	1.77	1.75
127	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.95	1.91	1.86	1.83	1.80	1.77	1.75
128	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.95	1.91	1.86	1.83	1.80	1.77	1.75
129	3.91	3.07	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.80	1.77	1.74
130	3.91	3.07	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.80	1.77	1.74
131	3.91	3.07	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.80	1.77	1.74
132	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.79	1.77	1.74
133	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.79	1.77	1.74
134	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.79	1.77	1.74
135	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.77	1.74

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
136	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.77	1.74
137	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.76	1.74
138	3.91	3.06	2.67	2.44	2.28	2.16	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.76	1.74
139	3.91	3.06	2.67	2.44	2.28	2.16	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.76	1.74
140	3.91	3.06	2.67	2.44	2.28	2.16	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.76	1.74
141	3.91	3.06	2.67	2.44	2.28	2.16	2.08	2.00	1.95	1.90	1.86	1.82	1.79	1.76	1.74
142	3.91	3.06	2.67	2.44	2.28	2.16	2.07	2.00	1.95	1.90	1.86	1.82	1.79	1.76	1.74
143	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.95	1.90	1.86	1.82	1.79	1.76	1.74
144	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.95	1.90	1.86	1.82	1.79	1.76	1.74
145	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.94	1.90	1.86	1.82	1.79	1.76	1.74
146	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.94	1.90	1.85	1.82	1.79	1.76	1.74
147	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.94	1.90	1.85	1.82	1.79	1.76	1.73
148	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.94	1.90	1.85	1.82	1.79	1.76	1.73
149	3.90	3.06	2.67	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.79	1.76	1.73
150	3.90	3.06	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.79	1.76	1.73
151	3.90	3.06	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.79	1.76	1.73
152	3.90	3.06	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.79	1.76	1.73
153	3.90	3.06	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.78	1.76	1.73
154	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.78	1.76	1.73
155	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.78	1.76	1.73
156	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.76	1.73
157	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.76	1.73
158	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
159	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
160	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
161	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
162	3.90	3.05	2.66	2.43	2.27	2.15	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
163	3.90	3.05	2.66	2.43	2.27	2.15	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
164	3.90	3.05	2.66	2.43	2.27	2.15	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
165	3.90	3.05	2.66	2.43	2.27	2.15	2.07	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
166	3.90	3.05	2.66	2.43	2.27	2.15	2.07	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
167	3.90	3.05	2.66	2.43	2.27	2.15	2.06	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
168	3.90	3.05	2.66	2.43	2.27	2.15	2.06	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
169	3.90	3.05	2.66	2.43	2.27	2.15	2.06	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
170	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
171	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.89	1.85	1.81	1.78	1.75	1.73
172	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.89	1.84	1.81	1.78	1.75	1.72
173	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.89	1.84	1.81	1.78	1.75	1.72
174	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.89	1.84	1.81	1.78	1.75	1.72
175	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.89	1.84	1.81	1.78	1.75	1.72
176	3.89	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.78	1.75	1.72
177	3.89	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.78	1.75	1.72
178	3.89	3.05	2.66	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.78	1.75	1.72
179	3.89	3.05	2.66	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.78	1.75	1.72
180	3.89	3.05	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.77	1.75	1.72

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
181	3.89	3.05	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.77	1.75	1.72
182	3.89	3.05	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.77	1.75	1.72
183	3.89	3.05	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.77	1.75	1.72
184	3.89	3.05	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.77	1.75	1.72
185	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.75	1.72
186	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.75	1.72
187	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
188	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
189	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
190	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
191	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
192	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
193	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
194	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
195	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
196	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
197	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
198	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
199	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
200	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
201	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
202	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
203	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
204	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
205	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
206	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
207	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.71
208	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.83	1.80	1.77	1.74	1.71
209	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
210	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
211	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
212	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
213	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
214	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
215	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.77	1.74	1.71
216	3.88	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.77	1.74	1.71
217	3.88	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.77	1.74	1.71
218	3.88	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.77	1.74	1.71
219	3.88	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.77	1.74	1.71
220	3.88	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71
221	3.88	3.04	2.65	2.41	2.25	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71
222	3.88	3.04	2.65	2.41	2.25	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71
223	3.88	3.04	2.65	2.41	2.25	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71
224	3.88	3.04	2.64	2.41	2.25	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71
225	3.88	3.04	2.64	2.41	2.25	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71

Titik Persentase Distribusi t

d.f. = 1 - 200

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Titik Persentase Distribusi t (df = 1 – 40)

df	Pr 0.25 0.50	0.10 0.20	0.05 0.10	0.025 0.050	0.01 0.02	0.005 0.010	0.001 0.002
1	1.00000	3.07768	6.31375	12.70620	31.82052	63.65674	318.30884
2	0.81650	1.88562	2.91999	4.30265	6.96456	9.92484	22.32712
3	0.76489	1.63774	2.35336	3.18245	4.54070	5.84091	10.21453
4	0.74070	1.53321	2.13185	2.77645	3.74695	4.60409	7.17318
5	0.72669	1.47588	2.01505	2.57058	3.36493	4.03214	5.89343
6	0.71756	1.43976	1.94318	2.44691	3.14267	3.70743	5.20763
7	0.71114	1.41492	1.89458	2.36462	2.99795	3.49948	4.78529
8	0.70639	1.39682	1.85955	2.30600	2.89646	3.35539	4.50079
9	0.70272	1.38303	1.83311	2.26216	2.82144	3.24984	4.29681
10	0.69981	1.37218	1.81246	2.22814	2.76377	3.16927	4.14370
11	0.69745	1.36343	1.79588	2.20099	2.71808	3.10581	4.02470
12	0.69548	1.35622	1.78229	2.17881	2.68100	3.05454	3.92963
13	0.69383	1.35017	1.77093	2.16037	2.65031	3.01228	3.85198
14	0.69242	1.34503	1.76131	2.14479	2.62449	2.97684	3.78739
15	0.69120	1.34061	1.75305	2.13145	2.60248	2.94671	3.73283
16	0.69013	1.33676	1.74588	2.11991	2.58349	2.92078	3.68615
17	0.68920	1.33338	1.73961	2.10982	2.56693	2.89823	3.64577
18	0.68836	1.33039	1.73406	2.10092	2.55238	2.87844	3.61048
19	0.68762	1.32773	1.72913	2.09302	2.53948	2.86093	3.57940
20	0.68695	1.32534	1.72472	2.08596	2.52798	2.84534	3.55181
21	0.68635	1.32319	1.72074	2.07961	2.51765	2.83136	3.52715
22	0.68581	1.32124	1.71714	2.07387	2.50832	2.81876	3.50499
23	0.68531	1.31946	1.71387	2.06866	2.49987	2.80734	3.48496
24	0.68485	1.31784	1.71088	2.06390	2.49216	2.79694	3.46678
25	0.68443	1.31635	1.70814	2.05954	2.48511	2.78744	3.45019
26	0.68404	1.31497	1.70562	2.05553	2.47863	2.77871	3.43500
27	0.68368	1.31370	1.70329	2.05183	2.47266	2.77068	3.42103
28	0.68335	1.31253	1.70113	2.04841	2.46714	2.76326	3.40816
29	0.68304	1.31143	1.69913	2.04523	2.46202	2.75639	3.39624
30	0.68276	1.31042	1.69726	2.04227	2.45726	2.75000	3.38518
31	0.68249	1.30946	1.69552	2.03951	2.45282	2.74404	3.37490
32	0.68223	1.30857	1.69389	2.03693	2.44868	2.73848	3.36531
33	0.68200	1.30774	1.69236	2.03452	2.44479	2.73328	3.35634
34	0.68177	1.30695	1.69092	2.03224	2.44115	2.72839	3.34793
35	0.68156	1.30621	1.68957	2.03011	2.43772	2.72381	3.34005
36	0.68137	1.30551	1.68830	2.02809	2.43449	2.71948	3.33262
37	0.68118	1.30485	1.68709	2.02619	2.43145	2.71541	3.32563
38	0.68100	1.30423	1.68595	2.02439	2.42857	2.71156	3.31903
39	0.68083	1.30364	1.68488	2.02269	2.42584	2.70791	3.31279
40	0.68067	1.30308	1.68385	2.02108	2.42326	2.70446	3.30688

Catatan: Probabilita yang lebih kecil yang ditunjukkan pada judul tiap kolom adalah luas daerah dalam satu ujung, sedangkan probabilitas yang lebih besar adalah luas daerah dalam kedua ujung

Titik Persentase Distribusi t (df = 41 – 80)

Pr df	0.25 0.50	0.10 0.20	0.05 0.10	0.025 0.050	0.01 0.02	0.005 0.010	0.001 0.002
41	0.68052	1.30254	1.68288	2.01954	2.42080	2.70118	3.30127
42	0.68038	1.30204	1.68195	2.01808	2.41847	2.69807	3.29595
43	0.68024	1.30155	1.68107	2.01669	2.41625	2.69510	3.29089
44	0.68011	1.30109	1.68023	2.01537	2.41413	2.69228	3.28607
45	0.67998	1.30065	1.67943	2.01410	2.41212	2.68959	3.28148
46	0.67986	1.30023	1.67866	2.01290	2.41019	2.68701	3.27710
47	0.67975	1.29982	1.67793	2.01174	2.40835	2.68456	3.27291
48	0.67964	1.29944	1.67722	2.01063	2.40658	2.68220	3.26891
49	0.67953	1.29907	1.67655	2.00958	2.40489	2.67995	3.26508
50	0.67943	1.29871	1.67591	2.00856	2.40327	2.67779	3.26141
51	0.67933	1.29837	1.67528	2.00758	2.40172	2.67572	3.25789
52	0.67924	1.29805	1.67469	2.00665	2.40022	2.67373	3.25451
53	0.67915	1.29773	1.67412	2.00575	2.39879	2.67182	3.25127
54	0.67906	1.29743	1.67356	2.00488	2.39741	2.66998	3.24815
55	0.67898	1.29713	1.67303	2.00404	2.39608	2.66822	3.24515
56	0.67890	1.29685	1.67252	2.00324	2.39480	2.66651	3.24226
57	0.67882	1.29658	1.67203	2.00247	2.39357	2.66487	3.23948
58	0.67874	1.29632	1.67155	2.00172	2.39238	2.66329	3.23680
59	0.67867	1.29607	1.67109	2.00100	2.39123	2.66176	3.23421
60	0.67860	1.29582	1.67065	2.00030	2.39012	2.66028	3.23171
61	0.67853	1.29558	1.67022	1.99962	2.38905	2.65886	3.22930
62	0.67847	1.29536	1.66980	1.99897	2.38801	2.65748	3.22696
63	0.67840	1.29513	1.66940	1.99834	2.38701	2.65615	3.22471
64	0.67834	1.29492	1.66901	1.99773	2.38604	2.65485	3.22253
65	0.67828	1.29471	1.66864	1.99714	2.38510	2.65360	3.22041
66	0.67823	1.29451	1.66827	1.99656	2.38419	2.65239	3.21837
67	0.67817	1.29432	1.66792	1.99601	2.38330	2.65122	3.21639
68	0.67811	1.29413	1.66757	1.99547	2.38245	2.65008	3.21446
69	0.67806	1.29394	1.66724	1.99495	2.38161	2.64898	3.21260
70	0.67801	1.29376	1.66691	1.99444	2.38081	2.64790	3.21079
71	0.67796	1.29359	1.66660	1.99394	2.38002	2.64686	3.20903
72	0.67791	1.29342	1.66629	1.99346	2.37926	2.64585	3.20733
73	0.67787	1.29326	1.66600	1.99300	2.37852	2.64487	3.20567
74	0.67782	1.29310	1.66571	1.99254	2.37780	2.64391	3.20406
75	0.67778	1.29294	1.66543	1.99210	2.37710	2.64298	3.20249
76	0.67773	1.29279	1.66515	1.99167	2.37642	2.64208	3.20096
77	0.67769	1.29264	1.66488	1.99125	2.37576	2.64120	3.19948
78	0.67765	1.29250	1.66462	1.99085	2.37511	2.64034	3.19804
79	0.67761	1.29236	1.66437	1.99045	2.37448	2.63950	3.19663
80	0.67757	1.29222	1.66412	1.99006	2.37387	2.63869	3.19526

Catatan: Probabilita yang lebih kecil yang ditunjukkan pada judul tiap kolom adalah luas daerah dalam satu ujung, sedangkan probabilitas yang lebih besar adalah luas daerah dalam kedua ujung

Titik Persentase Distribusi t (df = 81 –120)

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
115	0.67663	1.28896	1.65821	1.98081	2.35921	2.61926	3.16262
116	0.67661	1.28889	1.65810	1.98063	2.35892	2.61888	3.16198
117	0.67659	1.28883	1.65798	1.98045	2.35864	2.61850	3.16135
118	0.67657	1.28877	1.65787	1.98027	2.35837	2.61814	3.16074
119	0.67656	1.28871	1.65776	1.98010	2.35809	2.61778	3.16013
120	0.67654	1.28865	1.65765	1.97993	2.35782	2.61742	3.15954

Catatan: Probabilita yang lebih kecil yang ditunjukkan pada judul tiap kolom adalah luas daerah dalam satu ujung, sedangkan probabilitas yang lebih besar adalah luas daerah dalam kedua ujung

Titik Persentase Distribusi t (df = 121 –160)

Pr	0.25	0.10	0.05	0.025	0.01	0.005	0.001
df	0.50	0.20	0.10	0.050	0.02	0.010	0.002
121	0.67652	1.28859	1.65754	1.97976	2.35756	2.61707	3.15895
122	0.67651	1.28853	1.65744	1.97960	2.35730	2.61673	3.15838
123	0.67649	1.28847	1.65734	1.97944	2.35705	2.61639	3.15781
124	0.67647	1.28842	1.65723	1.97928	2.35680	2.61606	3.15726
125	0.67646	1.28836	1.65714	1.97912	2.35655	2.61573	3.15671
126	0.67644	1.28831	1.65704	1.97897	2.35631	2.61541	3.15617
127	0.67643	1.28825	1.65694	1.97882	2.35607	2.61510	3.15565
128	0.67641	1.28820	1.65685	1.97867	2.35583	2.61478	3.15512
129	0.67640	1.28815	1.65675	1.97852	2.35560	2.61448	3.15461
130	0.67638	1.28810	1.65666	1.97838	2.35537	2.61418	3.15411
131	0.67637	1.28805	1.65657	1.97824	2.35515	2.61388	3.15361
132	0.67635	1.28800	1.65648	1.97810	2.35493	2.61359	3.15312
133	0.67634	1.28795	1.65639	1.97796	2.35471	2.61330	3.15264
134	0.67633	1.28790	1.65630	1.97783	2.35450	2.61302	3.15217
135	0.67631	1.28785	1.65622	1.97769	2.35429	2.61274	3.15170
136	0.67630	1.28781	1.65613	1.97756	2.35408	2.61246	3.15124
137	0.67628	1.28776	1.65605	1.97743	2.35387	2.61219	3.15079
138	0.67627	1.28772	1.65597	1.97730	2.35367	2.61193	3.15034
139	0.67626	1.28767	1.65589	1.97718	2.35347	2.61166	3.14990
140	0.67625	1.28763	1.65581	1.97705	2.35328	2.61140	3.14947
141	0.67623	1.28758	1.65573	1.97693	2.35309	2.61115	3.14904
142	0.67622	1.28754	1.65566	1.97681	2.35289	2.61090	3.14862
143	0.67621	1.28750	1.65558	1.97669	2.35271	2.61065	3.14820
144	0.67620	1.28746	1.65550	1.97658	2.35252	2.61040	3.14779
145	0.67619	1.28742	1.65543	1.97646	2.35234	2.61016	3.14739
146	0.67617	1.28738	1.65536	1.97635	2.35216	2.60992	3.14699
147	0.67616	1.28734	1.65529	1.97623	2.35198	2.60969	3.14660
148	0.67615	1.28730	1.65521	1.97612	2.35181	2.60946	3.14621
149	0.67614	1.28726	1.65514	1.97601	2.35163	2.60923	3.14583
150	0.67613	1.28722	1.65508	1.97591	2.35146	2.60900	3.14545
151	0.67612	1.28718	1.65501	1.97580	2.35130	2.60878	3.14508
152	0.67611	1.28715	1.65494	1.97569	2.35113	2.60856	3.14471
153	0.67610	1.28711	1.65487	1.97559	2.35097	2.60834	3.14435
154	0.67609	1.28707	1.65481	1.97549	2.35081	2.60813	3.14400
155	0.67608	1.28704	1.65474	1.97539	2.35065	2.60792	3.14364
156	0.67607	1.28700	1.65468	1.97529	2.35049	2.60771	3.14330
157	0.67606	1.28697	1.65462	1.97519	2.35033	2.60751	3.14295
158	0.67605	1.28693	1.65455	1.97509	2.35018	2.60730	3.14261
159	0.67604	1.28690	1.65449	1.97500	2.35003	2.60710	3.14228
160	0.67603	1.28687	1.65443	1.97490	2.34988	2.60691	3.14195

Catatan: Probabilita yang lebih kecil yang ditunjukkan pada judul tiap kolom adalah luas daerah dalam satu ujung, sedangkan probabilitas yang lebih besar adalah luas daerah dalam kedua ujung

Titik Persentase Distribusi t (df = 161 –200)

Pr	0.25	0.10	0.05	0.025	0.01	0.005	0.001
df	0.50	0.20	0.10	0.050	0.02	0.010	0.002
161	0.67602	1.28683	1.65437	1.97481	2.34973	2.60671	3.14162
162	0.67601	1.28680	1.65431	1.97472	2.34959	2.60652	3.14130
163	0.67600	1.28677	1.65426	1.97462	2.34944	2.60633	3.14098
164	0.67599	1.28673	1.65420	1.97453	2.34930	2.60614	3.14067
165	0.67598	1.28670	1.65414	1.97445	2.34916	2.60595	3.14036
166	0.67597	1.28667	1.65408	1.97436	2.34902	2.60577	3.14005
167	0.67596	1.28664	1.65403	1.97427	2.34888	2.60559	3.13975
168	0.67595	1.28661	1.65397	1.97419	2.34875	2.60541	3.13945
169	0.67594	1.28658	1.65392	1.97410	2.34862	2.60523	3.13915
170	0.67594	1.28655	1.65387	1.97402	2.34848	2.60506	3.13886
171	0.67593	1.28652	1.65381	1.97393	2.34835	2.60489	3.13857
172	0.67592	1.28649	1.65376	1.97385	2.34822	2.60471	3.13829
173	0.67591	1.28646	1.65371	1.97377	2.34810	2.60455	3.13801
174	0.67590	1.28644	1.65366	1.97369	2.34797	2.60438	3.13773
175	0.67589	1.28641	1.65361	1.97361	2.34784	2.60421	3.13745
176	0.67589	1.28638	1.65356	1.97353	2.34772	2.60405	3.13718
177	0.67588	1.28635	1.65351	1.97346	2.34760	2.60389	3.13691
178	0.67587	1.28633	1.65346	1.97338	2.34748	2.60373	3.13665
179	0.67586	1.28630	1.65341	1.97331	2.34736	2.60357	3.13638
180	0.67586	1.28627	1.65336	1.97323	2.34724	2.60342	3.13612
181	0.67585	1.28625	1.65332	1.97316	2.34713	2.60326	3.13587
182	0.67584	1.28622	1.65327	1.97308	2.34701	2.60311	3.13561
183	0.67583	1.28619	1.65322	1.97301	2.34690	2.60296	3.13536
184	0.67583	1.28617	1.65318	1.97294	2.34678	2.60281	3.13511
185	0.67582	1.28614	1.65313	1.97287	2.34667	2.60267	3.13487
186	0.67581	1.28612	1.65309	1.97280	2.34656	2.60252	3.13463
187	0.67580	1.28610	1.65304	1.97273	2.34645	2.60238	3.13438
188	0.67580	1.28607	1.65300	1.97266	2.34635	2.60223	3.13415
189	0.67579	1.28605	1.65296	1.97260	2.34624	2.60209	3.13391
190	0.67578	1.28602	1.65291	1.97253	2.34613	2.60195	3.13368
191	0.67578	1.28600	1.65287	1.97246	2.34603	2.60181	3.13345
192	0.67577	1.28598	1.65283	1.97240	2.34593	2.60168	3.13322
193	0.67576	1.28595	1.65279	1.97233	2.34582	2.60154	3.13299
194	0.67576	1.28593	1.65275	1.97227	2.34572	2.60141	3.13277
195	0.67575	1.28591	1.65271	1.97220	2.34562	2.60128	3.13255
196	0.67574	1.28589	1.65267	1.97214	2.34552	2.60115	3.13233
197	0.67574	1.28586	1.65263	1.97208	2.34543	2.60102	3.13212
198	0.67573	1.28584	1.65259	1.97202	2.34533	2.60089	3.13190
199	0.67572	1.28582	1.65255	1.97196	2.34523	2.60076	3.13169
200	0.67572	1.28580	1.65251	1.97190	2.34514	2.60063	3.13148

Catatan: Probabilita yang lebih kecil yang ditunjukkan pada judul tiap kolom adalah luas daerah dalam satu ujung, sedangkan probabilitas yang lebih besar adalah luas daerah dalam kedua ujung