

Lampiran 1: Uji Normalitas

NPar Tests

One-Sample Kolmogorov-Smirnov Test

		NPM06	NPM07	NPM08	NPM09
N		19	19	19	19
Normal Parameters ^a	Mean	.0795	.1174	-.0253	.0947
	Std. Deviation	.08409	.08352	.41594	.55560
Most Extreme Differences	Absolute	.120	.197	.309	.330
	Positive	.104	.094	.250	.330
	Negative	-.120	-.197	-.309	-.299
Kolmogorov-Smirnov Z		.522	.858	1.346	1.440
Asymp. Sig. (2-tailed)		.948	.454	.053	.032
a. Test distribution is Normal.					

NPar Tests

One-Sample Kolmogorov-Smirnov Test

		ROA06	ROA07	ROA08	ROA09
N		19	19	19	19
Normal Parameters ^a	Mean	.0789	.0695	.0347	.0763
	Std. Deviation	.08704	.08323	.12487	.09564
Most Extreme Differences	Absolute	.186	.219	.178	.274
	Positive	.186	.219	.178	.274
	Negative	-.182	-.202	-.143	-.160
Kolmogorov-Smirnov Z		.812	.956	.777	1.195
Asymp. Sig. (2-tailed)		.524	.320	.582	.115
a. Test distribution is Normal.					

NPar Tests

One-Sample Kolmogorov-Smirnov Test

		ROE06	ROE07	ROE08	ROE09
N		19	19	19	19
Normal Parameters ^a	Mean	.1926	.1374	.0495	.1500
	Std. Deviation	.23534	.16438	.27232	.18282
Most Extreme Differences	Absolute	.223	.311	.148	.256
	Positive	.223	.311	.148	.256
	Negative	-.207	-.185	-.137	-.153
Kolmogorov-Smirnov Z		.970	1.358	.647	1.114
Asymp. Sig. (2-tailed)		.304	.051	.797	.167
a. Test distribution is Normal.					

NPar Tests

One-Sample Kolmogorov-Smirnov Test

		DA06	DA07	DA08	DA09
N		19	19	19	19
Normal Parameters ^a	Mean	.4389	.4479	.4605	.4305
	Std. Deviation	.20097	.16305	.15440	.18001
Most Extreme Differences	Absolute	.136	.114	.081	.197
	Positive	.099	.114	.081	.100
	Negative	-.136	-.099	-.078	-.197
Kolmogorov-Smirnov Z		.593	.498	.354	.857
Asymp. Sig. (2-tailed)		.874	.965	1.000	.455
a. Test distribution is Normal.					

NPar Tests

One-Sample Kolmogorov-Smirnov Test

		DE06	DE07	DE08	DE09
N		19	19	19	19
Normal Parameters ^a	Mean	1.1358	1.0379	1.0868	.9811
	Std. Deviation	1.21787	.76016	.75909	.63410
Most Extreme Differences	Absolute	.252	.160	.207	.097
	Positive	.252	.160	.207	.097
	Negative	-.180	-.148	-.124	-.080
Kolmogorov-Smirnov Z		1.099	.695	.900	.423
Asymp. Sig. (2-tailed)		.179	.719	.392	.994
a. Test distribution is Normal.					

NPar Tests

One-Sample Kolmogorov-Smirnov Test

		AT06	AT07	AT08	AT09
N		19	19	19	19
Normal Parameters ^a	Mean	1.0716	.8789	1.0495	.9653
	Std. Deviation	1.35698	1.24862	1.29500	1.29546
Most Extreme Differences	Absolute	.251	.252	.234	.254
	Positive	.251	.252	.234	.254
	Negative	-.228	-.243	-.213	-.235
Kolmogorov-Smirnov Z		1.093	1.101	1.018	1.107
Asymp. Sig. (2-tailed)		.183	.177	.251	.173
a. Test distribution is Normal.					

NPar Tests

One-Sample Kolmogorov-Smirnov Test

		RT06	RT07	RT08	RT09
N		19	19	19	19
Normal Parameters ^a	Mean	62.1621	30.0626	56.5311	16.7342
	Std. Deviation	198.35807	45.53265	113.39001	11.64990
Most Extreme Differences	Absolute	.455	.321	.412	.178
	Positive	.455	.321	.412	.178
	Negative	-.377	-.257	-.333	-.093
Kolmogorov-Smirnov Z		1.985	1.401	1.794	.776
Asymp. Sig. (2-tailed)		.001	.039	.003	.584
a. Test distribution is Normal.					

NPar Tests

One-Sample Kolmogorov-Smirnov Test

		CR06	CR07	CR08	CR09
N		19	19	19	19
Normal Parameters ^a	Mean	6.3653	2.6395	2.0053	2.1058
	Std. Deviation	19.04923	2.25224	2.16417	2.03330
Most Extreme Differences	Absolute	.459	.196	.293	.244
	Positive	.459	.196	.293	.244
	Negative	-.369	-.137	-.191	-.171
Kolmogorov-Smirnov Z		1.999	.856	1.279	1.064
Asymp. Sig. (2-tailed)		.001	.456	.076	.207
a. Test distribution is Normal.					

NPar Tests

One-Sample Kolmogorov-Smirnov Test

		CAR06	CAR07	CAR08	CAR09
N		19	19	19	19
Normal Parameters ^a	Mean	.8853	.6474	.3968	.4505
	Std. Deviation	2.07553	.82165	.42308	.45324
Most Extreme Differences	Absolute	.394	.231	.231	.236
	Positive	.394	.231	.231	.236
	Negative	-.335	-.219	-.180	-.171
Kolmogorov-Smirnov Z		1.717	1.008	1.008	1.031
Asymp. Sig. (2-tailed)		.006	.262	.261	.239
a. Test distribution is Normal.					

Lampiran 2: Uji Paired Sample t Test

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	NPM06	.0795	19	.08409	.01929
	NPM07	.1174	19	.08352	.01916

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	NPM06 & NPM07	19	.375	.114

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	NPM06 - NPM07	-.03789	.09372	.02150	-.08307	.00728	-1.762	18	.095

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	NPM08	-.0253	19	.41594	.09542
	NPM07	.1174	19	.08352	.01916

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	NPM08 & NPM07	19	.674	.002

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	NPM08 - NPM07	-.14263	.36493	.08372	-.31852	.03326	-1.704	18	.106

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	ROA06	.0789	19	.08704	.01997
	ROA07	.0695	19	.08323	.01909

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	ROA06 & ROA07	19	.953	.000

Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	ROA06 - ROA07	.00947	.02635	.00604	-.00323	.02217	1.567	18	.134

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	ROA08	.0347	19	.12487	.02865
	ROA07	.0695	19	.08323	.01909

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	ROA08 & ROA07	19	.842	.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	ROA08 - ROA07	-.03474	.07090	.01626	-.06891	-.00057	-2.136	18	.047

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	ROA09	.0763	19	.09564	.02194
	ROA07	.0695	19	.08323	.01909

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	ROA09 & ROA07	19	.867	.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	ROA09 - ROA07	.00684	.04773	.01095	-.01616	.02985	.625	18	.540

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	ROE06	.1926	19	.23534	.05399
	ROE07	.1374	19	.16438	.03771

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	ROE06 & ROE07	19	.784	.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	ROE06 - ROE07	.05526	.14747	.03383	-.01582	.12634	1.633	18	.120

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	ROE08	.0495	19	.27232	.06248
	ROE07	.1374	19	.16438	.03771

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	ROE08 & ROE07	19	.797	.000

Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	ROE08 - ROE07	-.08789	.17268	.03961	-.17112	-.00467	-2.219	18	.040

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	ROE09	.1500	19	.18282	.04194
	ROE07	.1374	19	.16438	.03771

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	ROE09 & ROE07	19	.872	.000

Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	ROE09 - ROE07	.01263	.08962	.02056	-.03056	.05583	.614	18	.547

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	DA06	.4389	19	.20097	.04610
	DA07	.4479	19	.16305	.03741

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	DA06 & DA07	19	.352	.139

Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	DA06 - DA07	-.00895	.20949	.04806	-.10992	.09203	-.186	18	.854

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	DA08	.4605	19	.15440	.03542
	DA07	.4479	19	.16305	.03741

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	DA08 & DA07	19	.473	.041

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	DA08 - DA07	.01263	.16312	.03742	-.06599	.09125	.338	18	.740

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	DA09	.4305	19	.18001	.04130
	DA07	.4479	19	.16305	.03741

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	DA09 & DA07	19	.417	.076

Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	DA09 - DA07	-.01737	.18583	.04263	-.10693	.07220	-.407	18	.689

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	DE06	1.1358	19	1.21787	.27940
	DE07	1.0379	19	.76016	.17439

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	DE06 & DE07	19	.066	.788

Paired Samples Test

	Paired Differences						t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference					
				Lower	Upper				
Pair 1 DE06 - DE07	.09789	1.39239	.31944	-.57321	.76900	.306	18	.763	

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	DE08	1.0868	19	.75909	.17415
	DE07	1.0379	19	.76016	.17439

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	DE08 & DE07	19	.353	.139

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 DE08 - DE07	.04895	.86437	.19830	-.36767	.46556	.247	18	.808

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	DE09	.9811	19	.63410	.14547
	DE07	1.0379	19	.76016	.17439

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	DE09 & DE07	19	.272	.260

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 DE09 - DE07	-.05684	.84734	.19439	-.46525	.35156	-.292	18	.773

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	AT06	1.0716	19	1.35698	.31131
	AT07	.8789	19	1.24862	.28645

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	AT06 & AT07	19	.981	.000

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 AT06 - AT07	.19263	.27846	.06388	.05842	.32685	3.015	18	.007

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	AT08	1.0495	19	1.29500	.29709
	AT07	.8789	19	1.24862	.28645

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	AT08 & AT07	19	.979	.000

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 AT08 - AT07	.17053	.26332	.06041	.04361	.29744	2.823	18	.011

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	AT09	.9653	19	1.29546	.29720
	AT07	.8789	19	1.24862	.28645

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	AT09 & AT07	19	.984	.000

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 AT09 - AT07	.08632	.23403	.05369	-.02648	.19911	1.608	18	.125

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	CR08	2.0053	19	2.16417	.49649
	CR07	2.6395	19	2.25224	.51670

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	CR08 & CR07	19	.509	.026

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 CR08 - CR07	-.63421	2.19016	.50246	-1.68983	.42141	-1.262	18	.223

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	CR09	2.1058	19	2.03330	.46647
	CR07	2.6395	19	2.25224	.51670

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	CR09 & CR07	19	.485	.035

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 CR09 - CR07	-.53368	2.18214	.50062	-1.58544	.51807	-1.066	18	.300

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	CAR08	.3968	19	.42308	.09706
	CAR07	.6474	19	.82165	.18850

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	CAR08 & CAR07	19	.351	.140

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 CAR08 - CAR07	-.25053	.78091	.17915	-.62692	.12586	-1.398	18	.179

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	CAR09	.4505	19	.45324	.10398
	CAR07	.6474	19	.82165	.18850

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	CAR09 & CAR07	19	.203	.406

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 CAR09 - CAR07	-.19684	.85419	.19597	-.60855	.21487	-1.004	18	.328

Lampiran 3: Uji Wilcoxon Sign Test

NPar Tests

Wilcoxon Signed Ranks Test

		Ranks		
		N	Mean Rank	Sum of Ranks
NPM07 - NPM09	Negative Ranks	6 ^a	8.08	48.50
	Positive Ranks	11 ^b	9.50	104.50
	Ties	2 ^c		
	Total	19		

a. NPM07 < NPM09

b. NPM07 > NPM09

c. NPM07 = NPM09

Test Statistics ^b	
	NPM07 - NPM09
Z	-1.327 ^a
Asymp. Sig. (2-tailed)	.185

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

NPar Tests

Wilcoxon Signed Ranks Test

		Ranks		
		N	Mean Rank	Sum of Ranks
RT07 - RT06	Negative Ranks	13 ^a	9.62	125.00
	Positive Ranks	6 ^b	10.83	65.00
	Ties	0 ^c		
	Total	19		

a. RT07 < RT06

b. RT07 > RT06

c. RT07 = RT06

Test Statistics^b

	RT07 - RT06
Z	-1.207 ^a
Asymp. Sig. (2-tailed)	.227

a. Based on positive ranks.

b. Wilcoxon Signed Ranks Test

NPar Tests

Wilcoxon Signed Ranks Test

		Ranks		
		N	Mean Rank	Sum of Ranks
RT07 - RT08	Negative Ranks	13 ^a	9.23	120.00
	Positive Ranks	5 ^b	10.20	51.00
	Ties	1 ^c		
	Total	19		

a. $RT07 < RT08$

b. $RT07 > RT08$

c. $RT07 = RT08$

Test Statistics^b

	RT07 - RT08
Z	-1.502 ^a
Asymp. Sig. (2-tailed)	.133

a. Based on positive ranks.

b. Wilcoxon Signed Ranks Test

NPar Tests

Wilcoxon Signed Ranks Test

		Ranks		
		N	Mean Rank	Sum of Ranks
RT07 - RT09	Negative Ranks	10 ^a	9.10	91.00
	Positive Ranks	9 ^b	11.00	99.00
	Ties	0 ^c		
	Total	19		

a. $RT07 < RT09$

b. $RT07 > RT09$

c. $RT07 = RT09$

Test Statistics^b

	RT07 - RT09
Z	-.161 ^a
Asymp. Sig. (2-tailed)	.872

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

NPar Tests

Wilcoxon Signed Ranks Test

		Ranks		
		N	Mean Rank	Sum of Ranks
CR07 - CR06	Negative Ranks	8 ^a	10.19	81.50
	Positive Ranks	11 ^b	9.86	108.50
	Ties	0 ^c		
	Total	19		

a. CR07 < CR06

b. CR07 > CR06

c. CR07 = CR06

Test Statistics^b

	CR07 - CR06
Z	-.543 ^a
Asymp. Sig. (2-tailed)	.587

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

NPar Tests

Wilcoxon Signed Ranks Test

		Ranks		
		N	Mean Rank	Sum of Ranks
CAR07 - CAR06	Negative Ranks	7 ^a	9.21	64.50
	Positive Ranks	12 ^b	10.46	125.50
	Ties	0 ^c		
	Total	19		

a. CAR07 < CAR06

b. CAR07 > CAR06

c. CAR07 = CAR06

Test Statistics^b

	CAR07 - CAR06
Z	-1.228 ^a
Asymp. Sig. (2-tailed)	.219

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test