

# Lampiran Hasil Pengolahan Data

## Uji Validitas

		Correlations																					
		Soal1	Soal2	Soal3	Soal4	Soal5	Soal6	Soal7	Soal8	Soal9	Soal10	Soal11	Soal12	Soal13	Soal14	Soal15	Soal16	Soal17	Soal18	Soal19	Soal20	Subtotal	
Soal1	Pearson Correlation	1	.826**	.576**	.576**	.633**	.633**	.440*	.440*	.440*	.438*	.438*	.438*	.438*	.438*	.533**	.533**	.531**	.382*	.382*	.382*	.069	
	Sig. (2-tailed)		.000	.001	.001	.000	.000	.019	.019	.019	.020	.020	.020	.020	.020	.003	.003	.004	.045	.045	.045	.726	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal2	Pearson Correlation	.826**	1	.440*	.633**	.650**	.475*	.300	.300	.300	.531**	.324	.324	.324	.324	.420*	.420*	.439*	.292	.292	.292	.039	
	Sig. (2-tailed)	.000		.019	.000	.000	.011	.121	.121	.121	.004	.092	.092	.092	.092	.026	.026	.020	.131	.131	.131	.845	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal3	Pearson Correlation	.576**	.440*	1	.576**	.440*	.440*	.248	.248	.248	-.016	-.016	-.016	-.016	-.016	.036	.036	-.145	.101	.101	.101	.293	
	Sig. (2-tailed)	.001	.019		.001	.019	.019	.204	.204	.204	.935	.935	.935	.935	.935	.858	.858	.462	.611	.611	.611	.130	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal4	Pearson Correlation	.576**	.633**	.576**	1	.248	.248	.055	.055	.055	-.016	-.016	-.016	-.016	-.016	.036	.036	-.145	-.181	-.181	-.181	.144	
	Sig. (2-tailed)	.001	.000	.001		.204	.204	.781	.781	.781	.935	.935	.935	.935	.935	.858	.858	.462	.357	.357	.357	.465	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal5	Pearson Correlation	.633**	.650**	.440*	.248	1	.825**	.650**	.650**	.650**	.531**	.531**	.531**	.531**	.531**	.420*	.420*	.439*	.548**	.548**	.548**	.174	
	Sig. (2-tailed)	.000	.000	.019	.204		.000	.000	.000	.000	.004	.004	.004	.004	.004	.026	.026	.020	.003	.003	.003	.375	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal6	Pearson Correlation	.633**	.475*	.440*	.248	.825**	1	.825**	.825**	.825**	.531**	.737**	.737**	.737**	.737**	.645**	.645**	.439*	.548**	.548**	.548**	.242	
	Sig. (2-tailed)	.000	.011	.019	.204	.000		.000	.000	.000	.004	.000	.000	.000	.000	.000	.000	.020	.003	.003	.003	.215	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal7	Pearson Correlation	.440*	.300	.248	.055	.650**	.825**	1	.825**	.825**	.531**	.737**	.737**	.737**	.737**	.645**	.645**	.439*	.548**	.548**	.548**	.039	
	Sig. (2-tailed)	.019	.121	.204	.781	.000	.000		.000	.000	.004	.000	.000	.000	.000	.000	.000	.020	.003	.003	.003	.845	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal8	Pearson Correlation	.440*	.300	.248	.055	.650**	.825**	.825**	1	1.000**	.531**	.737**	.737**	.737**	.737**	.645**	.645**	.439*	.548**	.548**	.548**	.378*	
	Sig. (2-tailed)	.019	.121	.204	.781	.000	.000	.000		.000	.004	.000	.000	.000	.000	.000	.000	.020	.003	.003	.003	.048	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal9	Pearson Correlation	.440*	.300	.248	.055	.650**	.825**	.825**	1.000**	1	.531**	.737**	.737**	.737**	.737**	.645**	.645**	.439*	.548**	.548**	.548**	.378*	
	Sig. (2-tailed)	.019	.121	.204	.781	.000	.000	.000	.000		.004	.000	.000	.000	.000	.000	.000	.020	.003	.003	.003	.048	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal10	Pearson Correlation	.438*	.531**	-.016	-.016	.531**	.531**	.531**	.531**	.531**	1	.513*	.513*	.513*	.513*	.513**	.609**	.609**	.595**	.441*	.441*	.441*	-.111
	Sig. (2-tailed)	.020	.004	.935	.935	.004	.004	.004	.004	.004		.005	.005	.005	.005	.005	.001	.001	.001	.019	.019	.019	.573
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal11	Pearson Correlation	.438*	.324	-.016	-.016	.531**	.737**	.737**	.737**	.737**	.513*	1	1.000**	1.000**	1.000**	.876**	.876**	.595**	.441*	.441*	.441*	-.031	
	Sig. (2-tailed)	.020	.092	.935	.935	.004	.000	.000	.000	.000	.005	.000		.000	.000	.000	.000	.001	.019	.019	.019	.874	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal12	Pearson Correlation	.438*	.324	-.016	-.016	.531**	.737**	.737**	.737**	.737**	.513*	1.000**	1	1.000**	1.000**	.876**	.876**	.595**	.441*	.441*	.441*	-.031	
	Sig. (2-tailed)	.020	.092	.935	.935	.004	.000	.000	.000	.000	.005	.000		.000	.000	.000	.000	.001	.019	.019	.019	.874	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal13	Pearson Correlation	.438*	.324	-.016	-.016	.531**	.737**	.737**	.737**	.737**	.513*	1.000**	1.000**	1	1.000**	.876**	.876**	.595**	.441*	.441*	.441*	-.031	
	Sig. (2-tailed)	.020	.092	.935	.935	.004	.000	.000	.000	.000	.005	.000	.000		.000	.000	.000	.001	.019	.019	.019	.874	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal14	Pearson Correlation	.438*	.324	-.016	-.016	.531**	.737**	.737**	.737**	.737**	.513*	1.000**	1.000**	1.000**	1	.876**	.876**	.595**	.441*	.441*	.441*	-.031	
	Sig. (2-tailed)	.020	.092	.935	.935	.004	.000	.000	.000	.000	.005	.000	.000	.000		.000	.000	.001	.019	.019	.019	.874	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal15	Pearson Correlation	.533**	.420*	.036	.036	.420*	.645**	.645**	.645**	.645**	.609**	.876**	.876**	.876**	.876**	1	1.000**	.679**	.519**	.519**	.519**	.025	
	Sig. (2-tailed)	.003	.026	.858	.858	.026	.000	.000	.000	.000	.001	.000	.000	.000	.000		.000	.000	.005	.005	.005	.900	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal16	Pearson Correlation	.533**	.420*	.036	.036	.420*	.645**	.645**	.645**	.645**	.609**	.876**	.876**	.876**	.876**	1.000**	1	.679**	.519**	.519**	.519**	.025	
	Sig. (2-tailed)	.003	.026	.858	.858	.026	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000		.000	.005	.005	.005	.900	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal17	Pearson Correlation	.531**	.439*	-.145	-.145	.439*	.439*	.439*	.439*	.439*	.595**	.595**	.595**	.595**	.595**	.679**	.679**	1	.801**	.801**	.801**	-.042	
	Sig. (2-tailed)	.004	.020	.462	.462	.020	.020	.020	.020	.020	.001	.001	.001	.001	.001	.001	.000	.000	.000	.000	.000	.830	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal18	Pearson Correlation	.382*	.292	.101	-.181	.548**	.548**	.548**	.548**	.548**	.441*	.441*	.441*	.441*	.441*	.519**	.519**	.801**	1	1.000**	1.000**	.293	
	Sig. (2-tailed)	.045	.131	.611	.357	.003	.003	.003	.003	.003	.019	.019	.019	.019	.019	.005	.005	.000		.000	.000	.130	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal19	Pearson Correlation	.382*	.292	.101	-.181	.548**	.548**	.548**	.548**	.548**	.441*	.441*	.441*	.441*	.441*	.519**	.519**	.801**	1.000**	1	1.000**	.293	
	Sig. (2-tailed)	.045	.131	.611	.357	.003	.003	.003	.003	.003	.019	.019	.019	.019	.019	.005	.005	.000	.000		.000	.130	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal20	Pearson Correlation	.382*	.292	.101	-.181	.548**	.548**	.548**	.548**	.548**	.441*	.441*	.441*	.441*	.441*	.519**	.519**	.801**	1.000**	1.000**	1	.293	
	Sig. (2-tailed)	.045	.131	.611	.357	.003	.003	.003	.003	.003	.019	.019	.019	.019	.019	.005	.005	.000	.000	.000		.130	
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Subtotal	Pearson Correlation	.069	.039	.293	.144	.174	.242	.039	.378*	.378*	-.111	-.031	-.031	-.031	-.031	.025	.025	-.042	.293	.293	.293	1	
	Sig. (2-tailed)	.726	.845	.130	.465	.375	.215	.845	.048	.048	.573	.874	.874	.874	.874	.900	.900	.830	.130	.130	.130		
	N	28	28	28	28	28	28	28	28	28	28	28	28										

		Correlations																								
		Soal1	Soal2	Soal3	Soal4	Soal5	Soal6	Soal7	Soal8	Soal9	Soal10	Soal11	Soal12	Soal13	Soal14	Soal15	Soal16	Soal17	Soal18	Soal19	Soal20	Soal21	Soal22	Soal23	Soal24	Soal25
Soal1	Pearson Correlation	1	.826**	.577**	.577**	.633**	.633**	.302	.302	.440**	.382**	.438*	.438*	.284	.533**	.382*	.369	.531**	.531**	.531**	.531**	.531**	.438*	.382*	.211	
	Sig. (2-tailed)		.000	.001	.001	.000	.000	.119	.119	.019	.045	.020	.020	.020	.043	.003	.045	.054	.004	.004	.004	.004	.004	.020	.045	.281
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
Soal2	Pearson Correlation	.826**	1	.399*	.588**	.650**	.475*	.183	.183	.300	.292	.324	.324	.324	.194	.420*	.292	.304	.439*	.439*	.439*	.439*	.439*	.531**	.292	.118
	Sig. (2-tailed)		.000	.035	.001	.000	.011	.352	.352	.121	.131	.092	.092	.092	.323	.026	.131	.115	.020	.020	.020	.020	.020	.004	.131	.550
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal3	Pearson Correlation	.577**	.399*	1	.590**	.399*	.446*	.309	.309	.257	.106	-.006	-.006	-.006	.044	.044	.106	-.095	-.136	-.136	-.136	-.136	-.136	.217	.106	-.006
	Sig. (2-tailed)		.001	.035	.001	.035	.017	.110	.110	.187	.591	.976	.976	.976	.825	.825	.591	.632	.489	.489	.489	.489	.489	.267	.591	.976
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal4	Pearson Correlation	.577**	.588**	.590**	1	.210	.257	.111	.111	.068	.106	-.006	-.006	-.006	-.006	.044	.044	.106	-.095	-.136	-.136	-.136	-.136	.441*	.106	-.006
	Sig. (2-tailed)		.001	.001	.001	.284	.187	.574	.574	.732	.591	.976	.976	.976	.825	.825	.591	.632	.489	.489	.489	.489	.489	.019	.591	.976
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal5	Pearson Correlation	.633**	.650**	.399*	.588**	1	.825**	.548**	.548**	.650**	.292	.531**	.531**	.531**	.420*	.420*	.292	.304	.439*	.439*	.439*	.439*	.439*	.118	.037	-.088
	Sig. (2-tailed)		.000	.000	.035	.284	.000	.003	.003	.000	.131	.004	.004	.004	.026	.026	.131	.115	.020	.020	.020	.020	.020	.550	.854	.654
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal6	Pearson Correlation	.633**	.475*	.446*	.257	.825**	1	.730**	.730**	.825**	.548**	.737**	.737**	.737**	.645**	.645**	.548**	.304	.439*	.439*	.439*	.439*	.439*	.118	.037	-.088
	Sig. (2-tailed)		.000	.011	.017	.000	.000	.000	.000	.003	.000	.000	.000	.000	.000	.000	.003	.115	.020	.020	.020	.020	.020	.550	.854	.654
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal7	Pearson Correlation	.302	.183	.309	.111	.548**	.730**	1	.619**	.730**	.600**	.592**	.592**	.592**	.707**	.471*	.333	.333	.160	.160	.160	.160	.160	-.269	-.200	-.269
	Sig. (2-tailed)		.119	.352	.110	.574	.003	.000	.000	.000	.000	.001	.001	.001	.001	.000	.011	.083	.083	.416	.416	.416	.416	.166	.308	.166
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal8	Pearson Correlation	.302	.183	.309	.111	.548**	.730**	.619**	1	.913**	.333	.592**	.592**	.592**	.471*	.471*	.600**	-.111	.160	.160	.160	.160	.160	-.054	.067	-.054
	Sig. (2-tailed)		.119	.352	.110	.574	.003	.000	.000	.000	.003	.001	.001	.001	.011	.011	.001	.574	.416	.416	.416	.416	.416	.166	.786	.786
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal9	Pearson Correlation	.440**	.300	.257	.068	.650**	.825**	.730**	.913**	1	.548**	.737**	.737**	.737**	.645**	.645**	.548**	.304	.439*	.439*	.439*	.439*	.439*	-.088	.037	-.088
	Sig. (2-tailed)		.019	.121	.187	.732	.000	.000	.000	.000	.000	.003	.000	.000	.000	.000	.003	.115	.020	.020	.020	.020	.020	.854	.854	.654
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal10	Pearson Correlation	.382*	.292	.106	.106	.292	.548**	.600**	.333	.548**	1	.441*	.441*	.441*	.519*	.519*	.253	.556*	.352	.352	.352	.352	.352	-.162	-.120	-.162
	Sig. (2-tailed)		.045	.131	.591	.591	.131	.003	.001	.083	.003	.019	.019	.019	.019	.005	.193	.002	.066	.066	.066	.066	.066	.412	.543	.412
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal11	Pearson Correlation	.438*	.324	-.006	-.006	.531**	.737**	.592**	.592**	.737**	.441*	1	1.000**	1.000**	.876**	.876**	.743**	.413*	.595**	.595**	.595**	.595**	.595**	.026	.140	.026
	Sig. (2-tailed)		.020	.092	.976	.976	.004	.000	.001	.001	.000	.019	.000	.000	.000	.000	.000	.029	.001	.001	.001	.001	.001	.895	.477	.895
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal12	Pearson Correlation	.438*	.324	-.006	-.006	.531**	.737**	.592**	.592**	.737**	.441*	1.000**	1	1.000**	.876**	.876**	.743**	.413*	.595**	.595**	.595**	.595**	.595**	.026	.140	.026
	Sig. (2-tailed)		.020	.002	.006	.976	.976	.004	.000	.001	.001	.000	.019	.000	.000	.000	.000	.029	.001	.001	.001	.001	.001	.895	.477	.895
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal13	Pearson Correlation	.438*	.324	-.006	-.006	.531**	.737**	.592**	.592**	.737**	.441*	1.000**	1.000**	1	.876**	.876**	.743**	.413*	.595**	.595**	.595**	.595**	.595**	.026	.140	.026
	Sig. (2-tailed)		.020	.002	.006	.976	.976	.004	.000	.001	.001	.000	.019	.000	.000	.000	.000	.029	.001	.001	.001	.001	.001	.895	.477	.895
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal14	Pearson Correlation	.284	.194	.044	.044	.420*	.645**	.707**	.471*	.645**	.519**	.876**	.876**	.876**	1	.708**	.519**	.471*	.283	.283	.283	.283	.283	-.190	-.141	-.190
	Sig. (2-tailed)		.143	.323	.825	.825	.026	.000	.000	.011	.000	.005	.000	.000	.000	.000	.005	.011	.144	.144	.144	.144	.144	.332	.473	.332
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal15	Pearson Correlation	.533**	.420*	.044	.044	.420*	.645**	.471*	.471*	.645**	.519**	.876**	.876**	.876**	.708**	1	.849**	.471*	.679*	.679*	.679*	.679*	.679*	.076	.189	.076
	Sig. (2-tailed)		.003	.026	.825	.825	.026	.000	.011	.011	.000	.005	.000	.000	.000	.000	.000	.011	.000	.000	.000	.000	.000	.700	.337	.700
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal16	Pearson Correlation	.382*	.292	.106	.106	.292	.548**	.333	.600**	.548**	.253	.743**	.743**	.743**	.519*	.849**	1	-.067	.352	.352	.352	.352	.352	.140	.253	.140
	Sig. (2-tailed)		.045	.131	.591	.591	.131	.003	.003	.003	.193	.000	.000	.000	.005	.000		.736	.066	.066	.066	.066	.066	.477	.193	.477
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal17	Pearson Correlation	.369	.304	-.095	-.095	.384	.304	.333	-.111	.384	.595**	.413*	.413*	.413*	.471*	.471*	-.067	1	.694**	.694**	.694**	.694**	.694**	-.090	-.087	-.090
	Sig. (2-tailed)		.054	.115	.632	.632	.115	.115	.083	.574	.115	.082	.029	.029	.029	.011	.736		.800	.000	.000	.000	.000	.850	.736	.650
	N	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Soal18	Pearson Correlation	.531**	.439*	-.136	-.136	.439*	.439*	.160	.160	.439*	.352	.595**	.595**	.595**	.283	.679*	.352	.694**	1	1.000**	1.000**	1.000**	1.000**	.233	.352	.233
	Sig. (2-tailed)		.004	.020	.489	.489	.020	.020	.416	.416	.020	.066	.001	.001	.001	.144	.000	.066	.000		.000	.000	.000	.233	.066	.233
	N	28	28	28	28	28	28	28	28	28	28	28														

Uji N-Gain

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Ngain	28	64.57	99.00	82.9713	8.32394
Valid N (listwise)	28				

Uji Hipotesis Paired Samples Test

Paired Samples Test									
		Paired Differences							
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
					Lower	Upper			
Pair 1	Pretest Pemahaman Sikap - Posttest Pemahaman Sikap	-32.857	12.355	2.335	-37.648	-28.066	-14.072	27	.000