VALIDITAS & RELIABILITAS

Kuesioner

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Pengertian

□ Valid ?

Jika butir pertanyaan kuesioner mampu mengungkapkan sesuatu yang akan diukur

□ Reliabel/Andal ?

Apabila jawaban seseorang terhadap pertanyaan konsisten

Pengujian Validitas

Contoh:

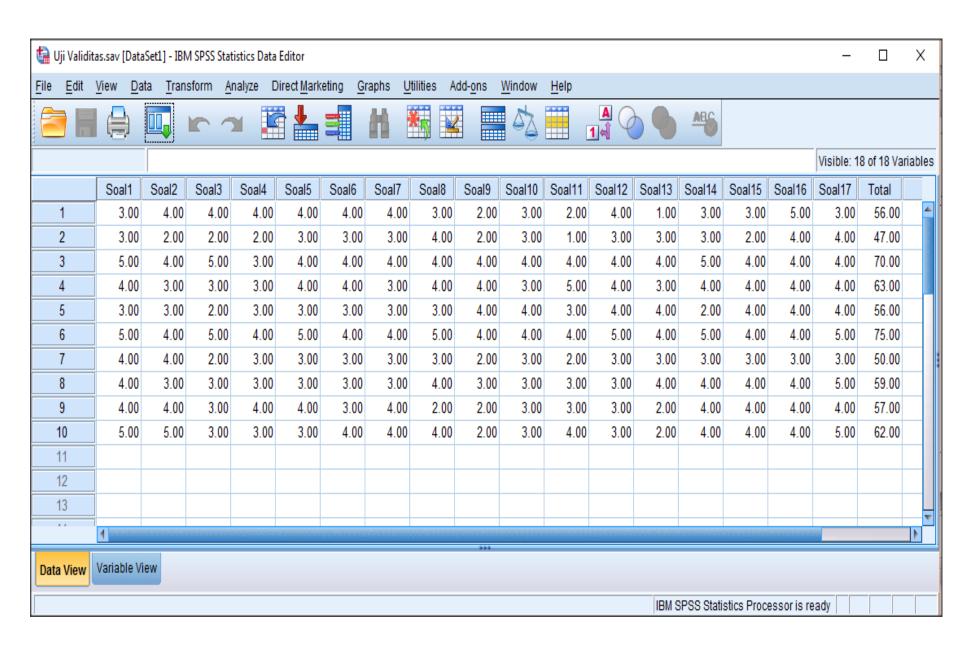
- Kuesioner mengandung 17 butir pertanyaan
- Apakah pertanyaan itu valid?

Tahapan Pengujian

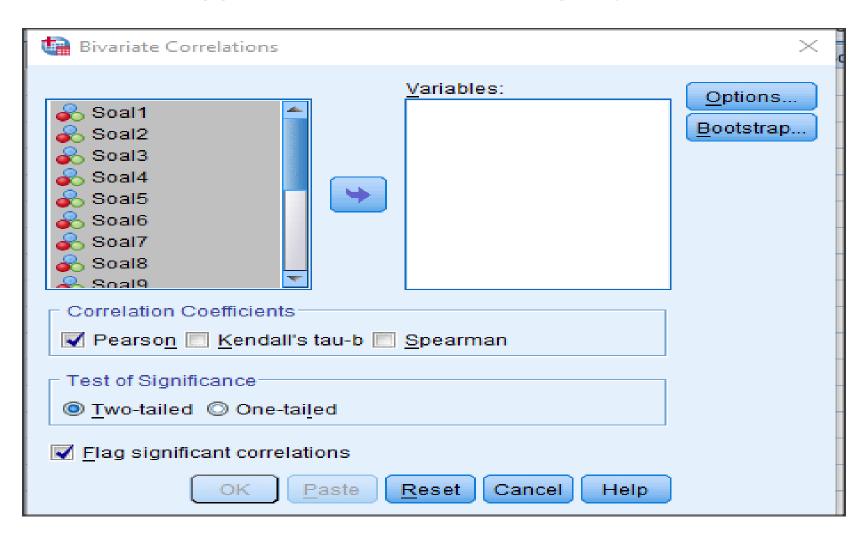
- Lakukan test kuesioner kepada minimal 10 orang responden.
- Tanyakan setiap butir pertanyaan dalam kuesioner
- Berikan skor terhadap jawaban responden
 - 1 = Sangat Tidak Setuju
 - 2 = Tidak Setuju
 - 3 = Ragu/Netral
 - 4 = Setuju
 - 5 = Sangat Setuju

Tahapan Pengujian

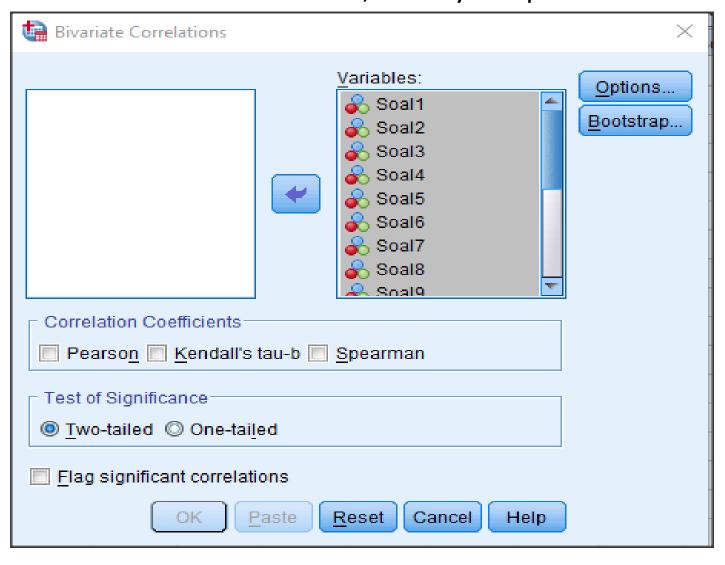
- Akumulasikan nilai skor tersebut, tuangkan di dalam Worksheet Excel atau di SPSS
- Contoh, nilai skor dari 10 orang responden, sebagai berikut:



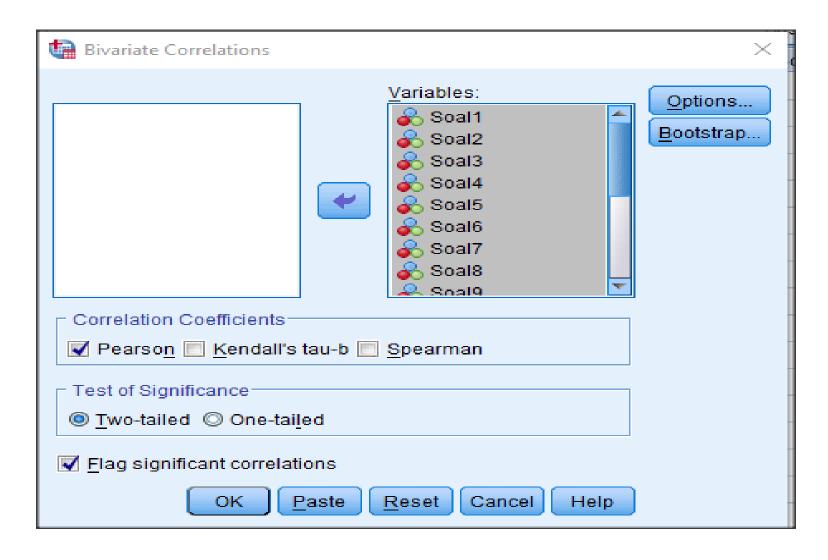
Klik Analyze, kemudian Correlate, Bivariate Sehingga muncul kotak dialog seperti ini



Pindahkan semuan item di kolom sebelah kiri ke kolom sebelah kanan, hasilnya seperti ini.



Silahkan centang kotak kecil di belakang *Pearson*, dan dibelakang *Flag Significant Correlaltions*, *Klik OK*



Correlations

	Correlations Correlations																		
		Soal1	Soal2	Soal3	Soal4	Soal5	Soal6	Soal7	Soal8	Soal9	Soal1	Total							
											0	1	2	3	4	5	6	7	
	Pearson Correlation	1	.645	.599	.215	.389	.516	.516	.484	.274	.282	.682	.195	.258	.861	.584	289	.553	.771
Soal1	Sig. (2-tailed)		.044	.067	.551	.266	.126	.126	.156	.444	.430	.030	.590	.471	.001	.076	.419	.097	.009
Coam	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Pearson Correlation	.645	1	.441	.583	.264	.500	.750	094	185	.055	.374	.075	375	.389	.452	.000	.071	.435
Soal2	Sig. (2-tailed)	.044		.202	.077	.461	.141	.012	.797	.608	.881	.287	.836	.286	.267	.189	1.000	.845	.209
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Pearson Correlation	.599	.441	1	.557	.812	.743	.743	.441	.413	.486	.474	.672	.093	.784	.392	.415	.239	.855
Soal3	Sig. (2-tailed)	.067	.202	l	.094	.004	.014	.014	.202	.235	.154	.166	.033	.799	.007	.263	.233	.506	.002
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Pearson Correlation	.215	.583	.557	1	.704	.333	.667	250	.035	.145	.264	.452	333	.296	.452	.373	048	.456
Soal4	Sig. (2-tailed) N	.551 10	.077 10	.094 10	10	.023	.347 10	.035	.486 10	.923 10	.688 10	.461 10	.189 10	.347 10	.406 10	.189 10	.289 10	.896 10	.185 10
	Pearson Correlation	.389	.264	.812	.704	10	.603	.603	.264	.415	.395	.451	.773	.000	.637	.318	.337	.086	.731
Soal5	Sig. (2-tailed)	.266	.461	.004	.023		.065	.065	.461	.232	259	.190	.009	1.000	.048	.370	.341	.813	.016
000.0	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Pearson Correlation	.516	.500	.743	.333	.603	1	.600	.500	.318	.218	.616	.603	200	.556	.302	.447	.143	.709
Soal6	Sig. (2-tailed)	.126	.141	.014	.347	.065		.067	.141	.371	.545	.058	.065	.580	.095	.397	.195	.694	.022
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Pearson Correlation	.516	.750	.743	.667	.603	.600	1	.000	106	.218	.264	.302	400	.556	.302	.447	.143	.560
Soal7	Sig. (2-tailed)	.126	.012	.014	.035	.065	.067	40	1.000	.771	.545	.461	.397	.252	.095	.397	.195	.694	.093
	N Pearson Correlation	10 .484	10 094	10 .441	10 250	.264	.500	.000	10	10 .477	10 .327	.374	10 .452	.500	.528	.075	.000	.607	.575
Soal8	Sig. (2-tailed)	.156	.797	202	.486	.461	.141	1.000		.163	.356	.287	.189	.141	.117	.836	1.000	.063	.082
000.0	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Pearson Correlation	.274	185	.413	.035	.415	.318	106	.477	1	.763	.663	.735	.742	.318	.575	.000	.318	.679
Soal9	Sig. (2-tailed)	.444	.608	.235	.923	.232	.371	.771	.163		.010	.037	.015	.014	.371	.082	1.000	.371	.031
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Pearson Correlation	.282	.055	.486	.145	.395	.218	.218	.327	.763	1	.327	.724	.655	.218	.395	.000	.218	.611
Soal10	Sig. (2-tailed)	.430	.881	.154	.688	.259	.545	.545	.356	.010		.357	.018	.040	.545	.259	1.000	.545	.061
	N Pearson Correlation	.682	.374	10 .474	.264	10 .451	.616	.264	.374	.663	.327	10	10 .451	.264	10 .616	.849	.000	10 .491	.805
Snall 1	Sig. (2-tailed)	.030	.287	.166	.461	.190	.058	.461	.287	.037	.357	'	.190	.461	.058	.002	1.000	.150	.005
Juani	N (2-tailed)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1.000	10	10
	Pearson Correlation	.195	.075	.672	.452	.773	.603	.302	.452	.735	.724	.451	1	.302	.302	.318	.337	.086	.712
Soal12	Sig. (2-tailed)	.590	.836	.033	.189	.009	.065	.397	.189	.015	.018	.190		.397	.397	.370	.341	.813	.021
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
l	Pearson Correlation	.258	375	.093	333	.000	200	400	.500	.742	.655	.264	.302	1	.222	.302	447	.429	.361
Soal13	Sig. (2-tailed)	.471	.286	.799	.347	1.000	.580	.252	.141	.014	.040	.461	.397	40	.537	.397	.195	.217	.306
	N Pearson Correlation	.861	.389	.784	.296	.637	10 .556	.556	.528	10 .318	10 .218	.616	.302	.222	10 1	10 .469	.000	.524	.808
Soal14	Sig. (2-tailed)	.001	.267	.007	.406	.048	.095	.095	.117	.371	.545	.058	.397	.537	'	.171	1.000	.120	.005
554114	N (2-tailed)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1.000	10	10
	Pearson Correlation	.584	.452	.392	.452	.318	.302	.302	.075	.575	.395	.849	.318	.302	.469	1	.000	.517	.712
Soal15	Sig. (2-tailed)	.076	.189	.263	.189	.370	.397	.397	.836	.082	.259	.002	.370	.397	.171		1.000	.126	.021
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Pearson Correlation	289	.000	.415	.373	.337	.447	.447	.000	.000	.000	.000	.337	447	.000	.000	1	.000	.167
Soal16	Sig. (2-tailed)	.419	1.000	.233	.289	.341	.195	.195	1.000	1.000	1.000	1.000	.341	.195	1.000	1.000		1.000	.645
	N Pearson Correlation	.553	.071	10 .239	10 048	.086	.143	.143	.607	10 .318	10 .218	10 .491	.086	.429	.524	.517	.000	10	.542
Soalt 7	Sig. (2-tailed)	.097	.845	.506	.896	.813	.694	.694	.063	.371	.545	.150	.813	.217	.120	.126	1.000	'	.106
Juan 1	N (2-tailed)	10	.045	.506	.090	.013	10	10	.063	.371	.545	10	.013	.217	10	10	1.000	10	10
1	Pearson Correlation	.771	.435	.855	.456	.731	.709	.560	.575	.679	.611	.805	.712	.361	.808	.712	.167	.542	10
Total	Sig. (2-tailed)	.009	.209	.002	.185	.016	.022	.093	.082	.031	.061	.005	.021	.306	.005	.021	.645	.106	[
1	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
*. Correlation is significant at the 0.05 level (2-tailed).; **. Correlation is significant at the 0.05 level (2-tailed).									.0										

^{*.} Correlation is significant at the 0.05 level (2-tailed).; **. Correlation is significant at the 0.01 level (2-tailed).

Hasilnya

- Lihat nilai korelasi di kolom paling kanan
- Angka dengan superscript bintang satu (*)
 menunjukkan significant pada taraf Alpha
 0,05. Jika superscript bintang dua (**)
 menunjukkan significant pada taraf Alpha
 0,01
- Item pertanyaan dengan korelasi yang ada bintangnya menunjukkan bahwa butir pertanyaan itu valid.

Pengujian Reliabilitas

□ Cara I:

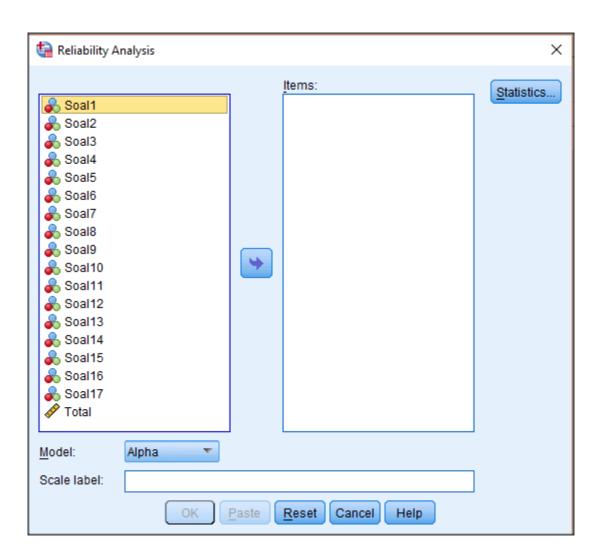
- Repeated measure atau pengukuran ulang
- Dalam waktu yang berbeda, responden diberi butir pertanyaan dan alternatif jawaban yang sama. Butir pertanyaan dikatakan andal jika jawabannya sama.

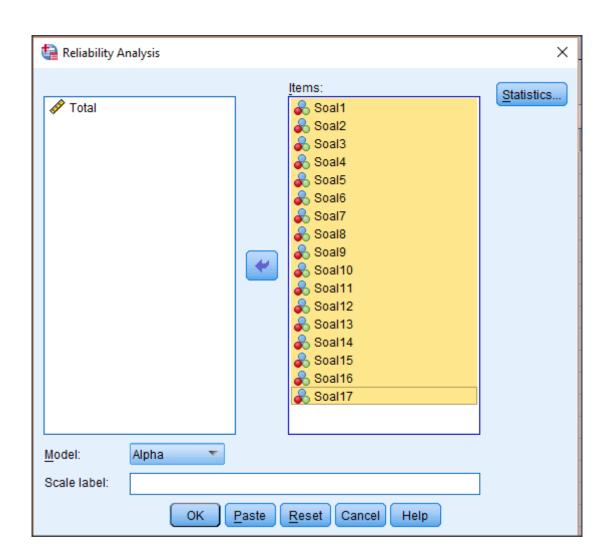
□Cara II: *One shot* atau pengukuran sekali saja

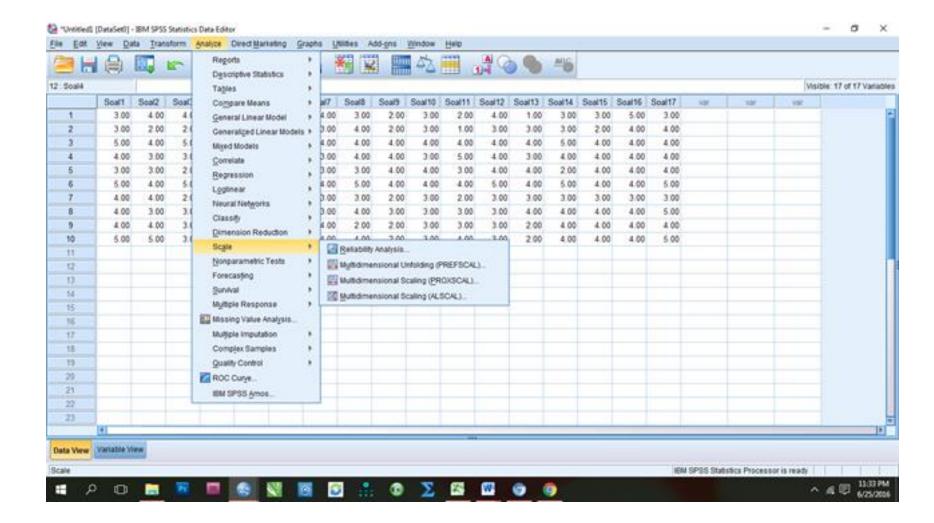
- Test kuesioner pada 10 orang (boleh lebih),
 berikan skor: 1 5 seperti pengujian Validitas
- Masukkan di worksheet SPSS
- Hasil skor diukur dengan bantuan SPSS, dengan fasilitas Cronbach Alpha
- Suatu variabel dikatakan reliabel jika memberikan nilai Cronbach Alpha > 0,60.

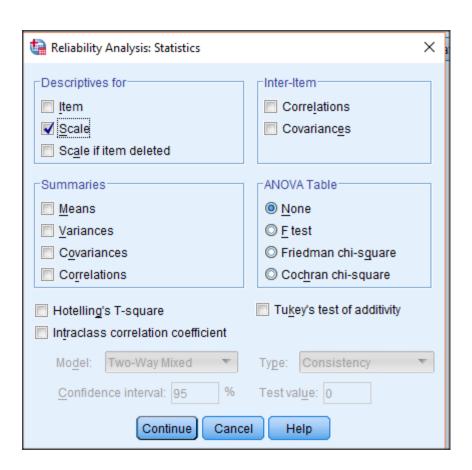
Tahapan Pengujiann

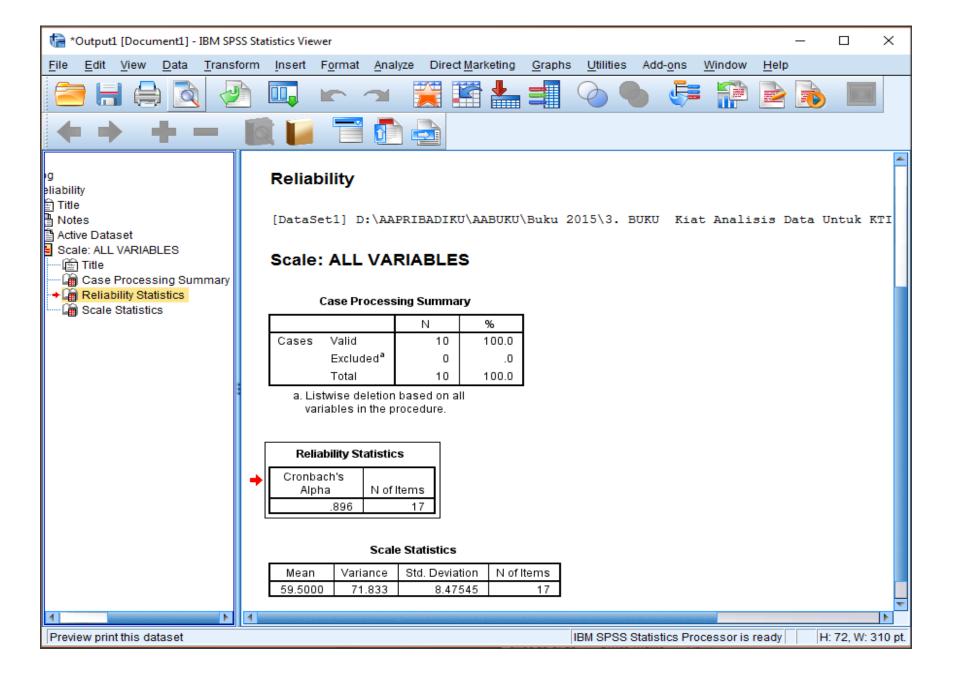
- 1. Pilih menu analyze, pilih submenu scale, reliability analysis
- 2. Masukkan skor pernyataan tiap item kedalam kolom, kemudian pilih Alpha.
- 3. Klik statistic, dan tampil windows reliability analysis statistic.
- 4. Bagian descriptive for pilih item, scale
- Kemudian klik continue.
- 6. Klik OK











Hasil Pengujian

- Lihat kolom Cronbach Alpha
- Nilainya 0,896 > 0,6
- Maka kuesioner reliabel



Terima kasik



