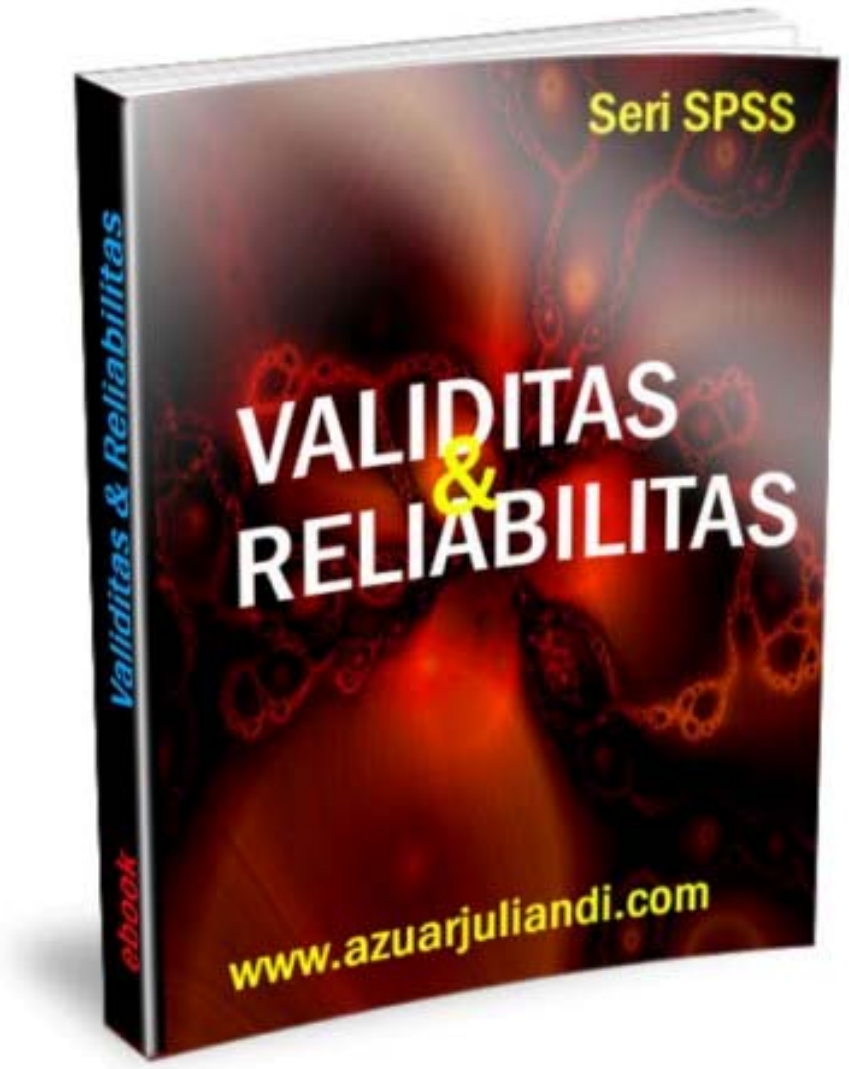

Seri SPSS
VALIDITAS
&
RELIABILITAS
www.azuarjuliandi.com
Validitas & Reliabilitas
ebook

1. VALIDITAS

Contoh: Suatu variabel penelitian terdiri dari 10 butir pertanyaan yang disusun dalam angket

- Klik VARIABLE VIEW pada sudut kiri bawah di lembar kerja SPSS
- Ketikkan nama b1,b2, dst pada kolom NAME, serta No.1, No.2, dst. pada kolom LABEL

validitas dan reliabilitas - SPSS Data Editor

File Edit View Data Transform Analyze Graphs Utilities Add-ons Window Help

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
1	b1	Numeric	8	2	Item No. 1	None	None	8	Right	Scale
2	b2	Numeric	8	2	Item No. 2	None	None	8	Right	Scale
3	b3	Numeric	8	2	Item No. 3	None	None	8	Right	Scale
4	b4	Numeric	8	2	Item No. 4	None	None	8	Right	Scale
5	b5	Numeric	8	2	Item No. 5	None	None	8	Right	Scale
6	b6	Numeric	8	2	Item No. 6	None	None	8	Right	Scale
7	b7	Numeric	8	2	Item No. 7	None	None	8	Right	Scale
8	b8	Numeric	8	2	Item No. 8	None	None	8	Right	Scale
9	b9	Numeric	8	2	Item No. 9	None	None	8	Right	Scale
10	b10	Numeric	8	2	Item No. 10	None	None	8	Right	Scale
11	ttl	Numeric	8	2	Total	None	None	8	Right	Scale
12										

Data View | **Variable View**

- Klik DATA VIEW pada sudut kiri bawah di lembar kerja SPSS
- Ketikkan nilai-nilai jawaban pertanyaan angket dan nilai totalnya seperti dalam gambar berikut ini

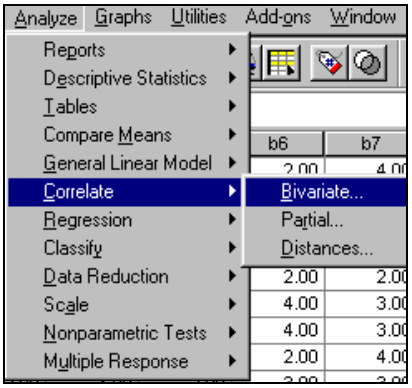
File Edit View Data Transform Analyze Graphs Utilities Add-ons Window Help

17 : b6

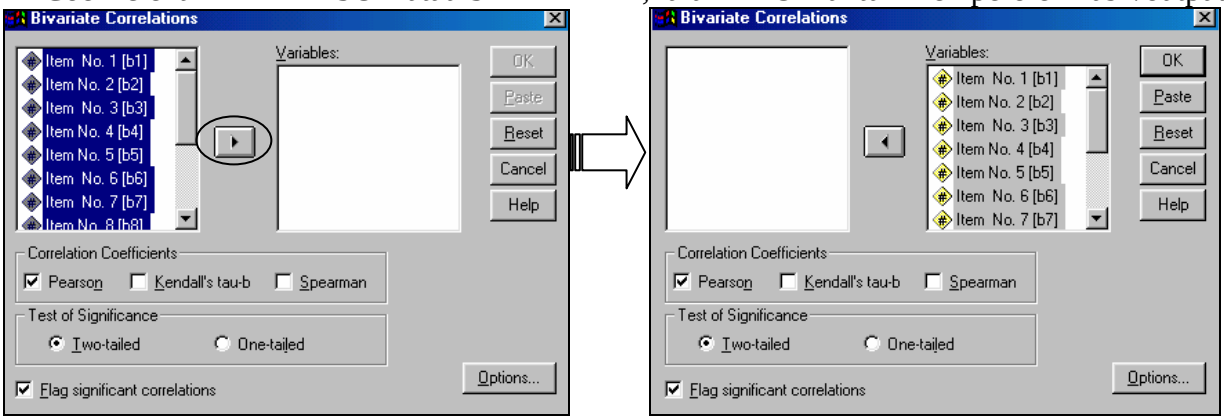
	b1	b2	b3	b4	b5	b6	b7	b8	b9	b10	ttl
1	2.00	3.00	4.00	2.00	3.00	2.00	4.00	4.00	3.00	3.00	30.00
2	2.00	2.00	1.00	3.00	3.00	1.00	1.00	1.00	4.00	3.00	21.00
3	4.00	2.00	1.00	4.00	3.00	4.00	3.00	1.00	3.00	3.00	28.00
4	3.00	3.00	3.00	4.00	2.00	3.00	4.00	1.00	4.00	3.00	30.00
5	4.00	3.00	1.00	3.00	1.00	2.00	2.00	2.00	1.00	2.00	21.00
6	1.00	2.00	1.00	2.00	2.00	4.00	3.00	1.00	3.00	2.00	21.00
7	4.00	3.00	1.00	2.00	1.00	4.00	3.00	1.00	4.00	3.00	26.00
8	2.00	4.00	3.00	4.00	4.00	2.00	4.00	1.00	2.00	3.00	29.00
9	4.00	3.00	2.00	3.00	2.00	3.00	3.00	4.00	3.00	2.00	29.00
10	4.00	1.00	4.00	4.00	4.00	1.00	3.00	1.00	1.00	3.00	26.00
11											
12											

Data View | Variable View

- Klik menu ANALYZE→Correllate→Bivariat



- Blok seluruh nomor item dan totalnya, kemudian klik  , lalu pada bagian Corelation Coefficient klik PEARSON atau SPEARMAN, lalu klik OK untuk memperoleh hasil/output



Outputnya adalah sebagai berikut:

Correlations

Correlations

		Item No. 1	Item No. 2	Item No. 3	Item No. 4	Item No. 5	Item No. 6	Item No. 7	Item No. 8	Item No. 9	Item No. 10	Total
Item No. 1	Pearson Correlation	1	-.114	-.075	.330	-.267	.082	-.102	.077	-.254	.000	.203
	Sig. (2-tailed)	.	.754	.837	.352	.455	.822	.779	.833	.478	1.000	.573
	N	10	10	10	10	10	10	10	10	10	10	10
Item No. 2	Pearson Correlation	-.114	1	.041	-.090	-.244	.157	.419	.295	.139	-.055	.397
	Sig. (2-tailed)	.754	.	.911	.804	.497	.665	.228	.408	.701	.881	.256
	N	10	10	10	10	10	10	10	10	10	10	10
Item No. 3	Pearson Correlation	-.075	.041	1	.286	.600	-.486	.641*	.297	-.289	.411	.637*
	Sig. (2-tailed)	.837	.911	.	.423	.067	.155	.046	.405	.418	.238	.048
	N	10	10	10	10	10	10	10	10	10	10	10
Item No. 4	Pearson Correlation	.330	-.090	.286	1	.529	-.281	.135	-.375	-.313	.342	.332
	Sig. (2-tailed)	.352	.804	.423	.	.116	.431	.711	.285	.379	.334	.349
	N	10	10	10	10	10	10	10	10	10	10	10
Item No. 5	Pearson Correlation	-.267	-.244	.600	.529	1	-.526	.218	-.123	-.272	.532	.313
	Sig. (2-tailed)	.455	.497	.067	.116	.	.118	.545	.734	.447	.113	.379
	N	10	10	10	10	10	10	10	10	10	10	10
Item No. 6	Pearson Correlation	.082	.157	-.486	-.281	-.526	1	.301	-.091	.434	-.235	.135
	Sig. (2-tailed)	.822	.665	.155	.431	.118	.	.398	.803	.211	.513	.710
	N	10	10	10	10	10	10	10	10	10	10	10
Item No. 7	Pearson Correlation	-.102	.419	.641*	.135	.218	.301	1	.188	.000	.244	.810**
	Sig. (2-tailed)	.779	.228	.046	.711	.545	.398	.	.602	1.000	.497	.005
	N	10	10	10	10	10	10	10	10	10	10	10
Item No. 8	Pearson Correlation	.077	.295	.297	-.375	-.123	-.091	.188	1	-.047	-.349	.359
	Sig. (2-tailed)	.833	.408	.405	.285	.734	.803	.602	.	.898	.323	.308
	N	10	10	10	10	10	10	10	10	10	10	10
Item No. 9	Pearson Correlation	-.254	.139	-.289	-.313	-.272	.434	.000	-.047	1	.284	.160
	Sig. (2-tailed)	.478	.701	.418	.379	.447	.211	1.000	.898	.	.427	.658
	N	10	10	10	10	10	10	10	10	10	10	10
Item No. 10	Pearson Correlation	.000	-.055	.411	.342	.532	-.235	.244	-.349	.284	1	.444
	Sig. (2-tailed)	1.000	.881	.238	.334	.113	.513	.497	.323	.427	.	.199
	N	10	10	10	10	10	10	10	10	10	10	10
Total	Pearson Correlation	.203	.397	.637*	.332	.313	.135	.810**	.359	.160	.444	1
	Sig. (2-tailed)	.573	.256	.048	.349	.379	.710	.005	.308	.658	.199	.
	N	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 0.01 level (2-tailed).

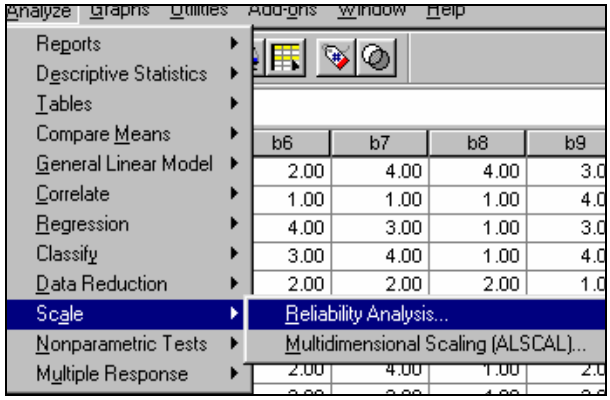
Kriteria keputusan:

- Jika sig. (2-tailed)<0.05 = valid
- Jika sig. (2-tailed)>0.05 = tidak valid

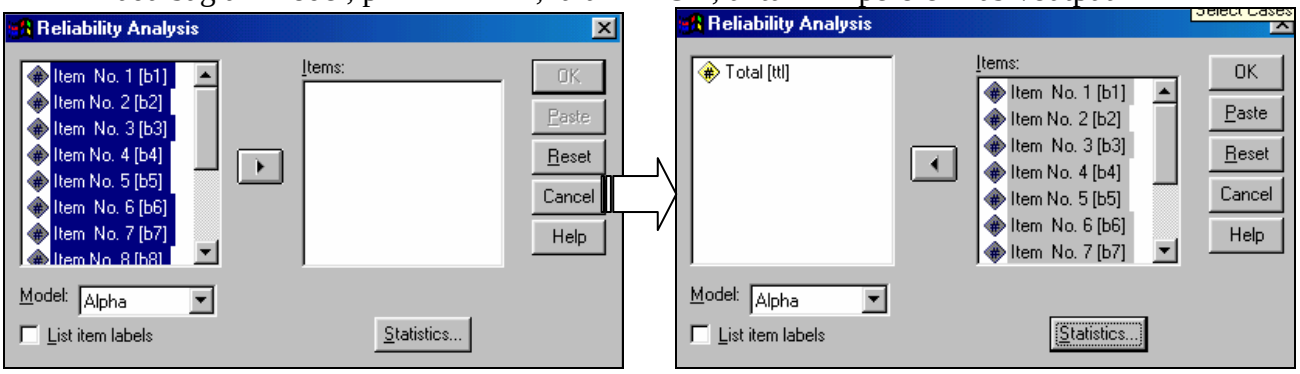
2. RELIABILITAS

Gunakan data yang ada pada contoh Validitas

- Klik menu ANALYZE→SCALE→RELIABILITY ANALYSIS



- Blok semua nomor item (No. 1 s/d 10), tetapi nilai total tidak ikut diblok, lalu klik 
- Pada bagian Model, pilih ALPHA, lalu klik OK, untuk mmperoleh hasil/output



Hasilnya adalah sebagai berikut

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.259	.360	10

Kriteria keputusan:

Jika nilai koefisien reliabilitas Cronbach Alpha $\geq$ 0.8, maka instrumen cukup reliabel, ada yang menyatakan 0,6, ada pula yang berpendapat semakin mendekati 1, maka reliabilitas semakin baik.