

## Penyajian Hasil Perhitungan Data Hasil Validitas dan Reliabilitas

### Butir Soal Kelas IV D SDN Sugihwaras

#### 1. Data Hasil Uji Butir Soal

Berikut data validitas nilai butir soal yang di ujikan pada kelas IV D di SDN Sugihwaras berjumlah 24 siswa.

NO	NAMA SISWA	NILAI
1	Azzarima	100
2	Gea	88
3	Sandy	48
4	Gelis	44
5	Firman	44
6	Danish	72
7	Daffa	92
8	Niswa	44
9	Alif	76
10	Fazil	60
11	Azzahra	96
12	Zeeda	88
13	Afif	84
14	Keysa	92
15	Rehan	32
16	Raisa	40
17	Kevin	20
18	Akbar	40
19	Amoriza	56
20	Saneca	92
21	Nasrullah	80
22	Shollalloh	52
23	Yuwen	20
24	Amrullah	92

### UJI VALIDITAS SOAL Kelas IV D SDN Sugihwaras

NO	NAMA SISWA	Butir Soal																									Nilai	
		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		Jumlah Skor
1	Azzarima	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	100	
2	Gea	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	1	22	88
3	Sandy	0	0	1	1	1	1	1	0	1	0	0	1	0	0	0	0	1	0	0	1	0	0	1	1	1	12	48
4	Gelis	1	0	0	1	1	0	0	0	1	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	11	44
5	Firman	1	0	1	0	1	1	1	0	1	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	11	44
6	Danish	1	0	1	1	0	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	18	72
7	Daffa	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	23	92
8	Niswa	0	0	0	0	0	0	1	0	1	0	1	1	0	0	1	1	0	0	1	1	0	1	1	1	0	11	44
9	Alif	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	0	1	1	1	1	1	1	1	19	76
10	Fazil	0	0	0	1	1	1	1	0	1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	1	0	15	60
11	Azzahra	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	96
12	Zeeda	1	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	22	88
13	Afif	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	21	84
14	Keysa	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	23	92
15	Rehan	1	0	0	1	1	0	0	0	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	8	32
16	Raisa	0	0	0	0	1	1	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	10	40
17	Kevin	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1	0	0	0	5	20
18	Akbar	1	0	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	1	0	1	0	1	10	40
19	Amoriza	0	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	0	0	1	0	1	1	0	1	14	56
20	Saneca	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	23	92
21	Nasrullah	0	1	1	0	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	20	80
22	Shollalloh	1	1	1	1	0	0	0	1	1	0	0	1	0	1	1	0	1	0	0	1	1	0	1	0	0	13	52
23	Yuwen	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	1	0	0	0	5	20
24	Amrullah	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	23	92

## 2. Uji Validitas Soal

### Langkah-langkah perhitungan validitas dengan SPSS 26

1. Buka Aplikasi SPSS 26
2. Copy skor hasil uji coba nilai pretest dan posttets pada 24 siswa di Ms.Excel
3. Ubah nama sheet Variable view dengan soal 1 samapai dengan soal 25 dan juga skor
4. Paste skor hasil uji coba pada data view
5. Pilih analyze-Corelate
6. Klik Bivarite
7. Masukkan skor soal 1-25 pada variable(s)
8. Lalu klik Ok

### Hasil Perhitungan Validitas dengan SPSS 26

		Correlations				
		SOAL22	SOAL23	SOAL24	SOAL25	NTotal
SOAL1	Pearson Correlation	-.185	.228	-.086	.450*	.472*
	Sig. (2-tailed)	.386	.285	.689	.027	.020
	N	24	24	24	24	24
SOAL2	Pearson Correlation	.103	.243	.092	.210	.522**
	Sig. (2-tailed)	.630	.253	.670	.324	.009
	N	24	24	24	24	24
SOAL3	Pearson Correlation	.073	.535**	.177	.713**	.609**
	Sig. (2-tailed)	.736	.007	.409	.000	.002
	N	24	24	24	24	24
SOAL4	Pearson Correlation	-.145	.267	.177	.324	.483*
	Sig. (2-tailed)	.499	.207	.409	.122	.017



	N	24	24	24	24	24
SOAL5	Pearson Correlation	.178	.364	.192	.476*	.535**
	Sig. (2-tailed)	.406	.081	.368	.019	.007
	N	24	24	24	24	24
SOAL6	Pearson Correlation	.574**	.589**	.458*	.597**	.731**
	Sig. (2-tailed)	.003	.002	.024	.002	.000
	N	24	24	24	24	24
SOAL7	Pearson Correlation	.450*	.488*	.430*	.639**	.691**
	Sig. (2-tailed)	.027	.016	.036	.001	.000
	N	24	24	24	24	24
SOAL8	Pearson Correlation	.308	.378	.167	.275	.702**
	Sig. (2-tailed)	.143	.069	.436	.193	.000
	N	24	24	24	24	24
SOAL9	Pearson Correlation	-.229	.507*	.224	.451*	.474*
	Sig. (2-tailed)	.281	.011	.294	.027	.019
	N	24	24	24	24	24
SOAL10	Pearson Correlation	.191	.192	.169	.201	.506*
	Sig. (2-tailed)	.372	.370	.430	.345	.012
	N	24	24	24	24	24
SOAL11	Pearson Correlation	.652**	.073	.385	.053	.444*
	Sig. (2-tailed)	.001	.736	.063	.806	.030
	N	24	24	24	24	24
SOAL12	Pearson Correlation	.290	.535**	.354	.130	.497*
	Sig. (2-tailed)	.169	.007	.090	.546	.014
	N	24	24	24	24	24

SOAL13	Pearson Correlation	.513*	.126	.167	.275	.477*
	Sig. (2-tailed)	.010	.557	.436	.193	.018
	N	24	24	24	24	24
SOAL14	Pearson Correlation	.450*	.228	-.086	.260	.486*
	Sig. (2-tailed)	.027	.285	.689	.219	.016
	N	24	24	24	24	24
SOAL15	Pearson Correlation	-.011	.427*	.308	.348	.617**
	Sig. (2-tailed)	.961	.038	.143	.096	.001
	N	24	24	24	24	24
SOAL16	Pearson Correlation	.146	.411*	.418*	.330	.476*
	Sig. (2-tailed)	.496	.046	.042	.116	.019
	N	24	24	24	24	24
SOAL17	Pearson Correlation	.073	.535**	.354	.713**	.750**
	Sig. (2-tailed)	.736	.007	.090	.000	.000
	N	24	24	24	24	24
SOAL18	Pearson Correlation	.558**	-.095	.251	.146	.476*
	Sig. (2-tailed)	.005	.659	.237	.497	.019
	N	24	24	24	24	24
SOAL19	Pearson Correlation	.191	.192	.338	.201	.506*
	Sig. (2-tailed)	.372	.370	.106	.345	.012
	N	24	24	24	24	24
SOAL20	Pearson Correlation	.242	.116	.513*	.122	.552**
	Sig. (2-tailed)	.254	.588	.010	.569	.005
	N	24	24	24	24	24
SOAL21	Pearson Correlation	-.017	.192	.169	.387	.479*



	Sig. (2-tailed)	.936	.370	.430	.061	.018
	N	24	24	24	24	24
SOAL22	Pearson Correlation	1	.116	.308	.122	.438*
	Sig. (2-tailed)		.588	.143	.569	.032
	N	24	24	24	24	24
SOAL23	Pearson Correlation	.116	1	.378	.589**	.611**
	Sig. (2-tailed)	.588		.069	.002	.002
	N	24	24	24	24	24
SOAL24	Pearson Correlation	.308	.378	1	.275	.517**
	Sig. (2-tailed)	.143	.069		.193	.010
	N	24	24	24	24	24
SOAL25	Pearson Correlation	.122	.589**	.275	1	.673**
	Sig. (2-tailed)	.569	.002	.193		.000
	N	24	24	24	24	24
NTotal	Pearson Correlation	.438*	.611**	.517**	.673**	1
	Sig. (2-tailed)	.032	.002	.010	.000	
	N	24	24	24	24	24

Dari rincian diatas, di dapatkan hasil perhitungan validitas seperti berikut ;

No	Butir	Uji Validitas							
		r hitung	r tabel	Keterangan	No	Butir	r hitung	r tabel	Keterangan
1	SOAL1	0.472	0.404	Valid	13	SOAL13	0.477	0.404	Valid
2	SOAL2	0.522	0.404	Valid	14	SOAL14	0.486	0.404	Valid
3	SOAL3	0.609	0.404	Valid	15	SOAL15	0.617	0.404	Valid
4	SOAL4	0.483	0.404	Valid	16	SOAL16	0.476	0.404	Valid
5	SOAL5	0.535	0.404	Valid	17	SOAL17	0.750	0.404	Valid
6	SOAL6	0.731	0.404	Valid	18	SOAL18	0.476	0.404	Valid
7	SOAL7	0.691	0.404	Valid	19	SOAL19	0.506	0.404	Valid
8	SOAL8	0.702	0.404	Valid	20	SOAL20	0.552	0.404	Valid
9	SOAL9	0.474	0.404	Valid	21	SOAL21	0.479	0.404	Valid
10	SOAL10	0.506	0.404	Valid	22	SOAL22	0.438	0.404	Valid
11	SOAL11	0.444	0.404	Valid	23	SOAL23	0.611	0.404	Valid
12	SOAL12	0.497	0.404	Valid	24	SOAL24	0.517	0.404	Valid
					25	SOAL25	0.673	0.404	Valid

Berdasarkan hasil pengujian validitas terhadap setiap butir soal yang telah diisi oleh para sampel yang berjumlah 24 orang siswa diketahui bahwa seluruh variabel memiliki korelasi di atas rtabel di atas 0,404 yang sesuai dengan signifikasi 0,05 responden 24 siswa dari kelas IV D. Atas total jumlah di atas butir soal tersebut valid dan bisa dipakai untuk penelitian selanjutnya.

### 3. Uji Reliabilitas Butir Soal

#### Langkah-Langkah perhitungan reliabilitas dengan SPSS 26 :

1. Buka perhitungan validitas pada perhitungan SPSS sebelumnya
2. Klik Analyze pilih Scale
3. Klik Reliability Analyze
4. Masukkan data tanpa skor total pada items
5. Pilih Statistics
6. Beri tanda centang Scale if item deleted
7. Klik continue lalu OK

#### Hasil Perhitungan reliabilitas dengan SPSS 26 :

Reliability Statistics	
Cronbach's Alpha <sup>a</sup>	N of Items
.902	25

Bedasarkan Tabel 2 di atas, dari 25 soal pertanyaan yang sudah diberikan dalam penelitian ini mempunyai nilai *Cronbach's Alpha* signifikansi 5% yaitu 0,902 yang artinya sangat kuat. Dikarenakan  $r_{hitung} > r_{tabel}$  atau  $0,902 > 0,404$  dengan demikian dapat disimpulkan bahwa butir soal pilihan ganda dinyatakan reliabel serta dapat dipercaya sebagai alat untuk pengumpulan data dalam penelitian.