

LAMPIRAN D.2

Analisis Uji Coba Motivasi Belajar Siswa

ANALISIS UJI VALIDITAS INSTRUMEN TES MOTIVASI BELAJAR SISWA

Peneliti menganalisis validitas tes dengan menggunakan rumus korelasi *Product Moment Pearson*, menggunakan SPSS 17.0 for windows, hasil perhitungan dan interpretasi validitas butir soal untuk tes kemampuan berpikir kritis disajikan dalam tabel berikut ini:

Correlations

		Skor jawaban 1	Skor jawaban 2	Skor jawaban 3	Skor jawaban 4	Skor jawaban 5	Skor jawaban 6	Skor jawaban 7
Skor jawaban 1	Pearson Correlation	1	.517	.446	.519	.299	.567	.403
	Sig. (2-tailed)		.003	.012	.003	.102	.001	.024
	N	31	31	31	31	31	31	31
Skor jawaban 2	Pearson Correlation	.517	1	.126	.368	.295	.490	.343
	Sig. (2-tailed)	.003		.499	.042	.107	.005	.059
	N	31	31	31	31	31	31	31
Skor jawaban 3	Pearson Correlation	.446	.126	1	.246	.299	.244	.249
	Sig. (2-tailed)	.012	.499		.182	.102	.185	.177
	N	31	31	31	31	31	31	31
Skor jawaban 4	Pearson Correlation	.519	.368	.246	1	.344	.338	.441
	Sig. (2-tailed)	.003	.042	.182		.058	.063	.013
	N	31	31	31	31	31	31	31
Skor jawaban 5	Pearson Correlation	.299	.295	.299	.344	1	.058	.123
	Sig. (2-tailed)	.102	.107	.102	.058		.758	.510
	N	31	31	31	31	31	31	31
Skor jawaban 6	Pearson Correlation	.567	.490	.244	.338	.058	1	.361
	Sig. (2-tailed)	.001	.005	.185	.063	.758		.046
	N	31	31	31	31	31	31	31
Skor jawaban 7	Pearson Correlation	.403	.343	.249	.441	.123	.361	1
	Sig. (2-tailed)	.024	.059	.177	.013	.510	.046	
	N	31	31	31	31	31	31	31
Total jawaban	Pearson Correlation	.539	.608	.539	.553	.585	.604	.450
	Sig. (2-tailed)	.002	.000	.002	.001	.001	.000	.011
	N	31	31	31	31	31	31	31

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations

		Skor jawaban 1	Skor jawaban 2	Skor jawaban 3	Skor jawaban 4	Skor jawaban 5	Skor jawaban 6	Skor jawaban 7
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	N	31	31	31	31	31	31	31

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

Correlations

		Skor jawaban 8	Skor jawaban 9	Skor jawaban 10	Skor jawaban 11	Skor jawaban 12	Skor jawaban 13	Skor jawaban 14
Skor jawaban 8	Pearson Correlation	1	.077	-.239	.184	-.015	.241	.241
	Sig. (2-tailed)		.679	.195	.321	.938	.191	.191
	N	31	31	31	31	31	31	31
Skor jawaban 9	Pearson Correlation	.077	1	.418	.343	-.091	.275	.140
	Sig. (2-tailed)	.679		.019	.059	.627	.134	.453
	N	31	31	31	31	31	31	31

Ambar Pangaribowosakti, 2014

Implementasi Pembelajaran Terpadu Tipe *Shared* Untuk Meningkatkan Kemampuan Berpikir Kritis dan Motivasi Belajar Siswa SMK Pada Topik Limbah Di Lingkungan Kerja

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Skor jawaban 10	Pearson Correlation	-.239	.418	1	.158	.167	.091	.226
	Sig. (2-tailed)	.195	.019		.395	.371	.625	.221
	N	31	31	31	31	31	31	31
Skor jawaban 11	Pearson Correlation	.184	.343	.158	1	-.166	.103	.103
	Sig. (2-tailed)	.321	.059	.395		.372	.582	.582
	N	31	31	31	31	31	31	31
Skor jawaban 12	Pearson Correlation	-.015	-.091	.167	-.166	1	.179	.641
	Sig. (2-tailed)	.938	.627	.371	.372		.335	.000
	N	31	31	31	31	31	31	31
Skor jawaban 13	Pearson Correlation	.241	.275	.091	.103	.179	1	.014
	Sig. (2-tailed)	.191	.134	.625	.582	.335		.942
	N	31	31	31	31	31	31	31
Skor jawaban 14	Pearson Correlation	.241	.140	.226	.103	.641	.014	1
	Sig. (2-tailed)	.191	.453	.221	.582	.000	.942	
	N	31	31	31	31	31	31	31
Total jawaban	Pearson Correlation	.335	.392	.416	.472	.354	.220	.721
	Sig. (2-tailed)	.066	.029	.020	.007	.050	.234	.000
	N	31	31	31	31	31	31	31

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

		Skor jawaban 15	Skor jawaban 16	Skor jawaban 17	Skor jawaban 18	Skor jawaban 19	Skor jawaban 20	Skor jawaban 21
Skor jawaban 15	Pearson Correlation	1	.237	.366	.295	.112	.518	.380
	Sig. (2-tailed)		.199	.043	.107	.547	.003	.035
	N	31	31	31	31	31	31	31
Skor jawaban 16	Pearson Correlation	.237	1	.423	.112	.340	.276	.032
	Sig. (2-tailed)	.199		.018	.547	.061	.133	.866
	N	31	31	31	31	31	31	31
Skor jawaban 17	Pearson Correlation	.366	.423	1	.245	-.003	.306	.187
	Sig. (2-tailed)	.043	.018		.184	.985	.094	.313
	N	31	31	31	31	31	31	31
Skor jawaban 18	Pearson Correlation	.295	.112	.245	1	.237	.103	.103
	Sig. (2-tailed)	.107	.547	.184		.199	.582	.582
	N	31	31	31	31	31	31	31
Skor jawaban 19	Pearson Correlation	.112	.340	-.003	.237	1	-.091	.154
	Sig. (2-tailed)	.547	.061	.985	.199		.627	.409
	N	31	31	31	31	31	31	31
Skor jawaban 20	Pearson Correlation	.518	.276	.306	.103	-.091	1	.456

	Sig. (2-tailed)	.003	.133	.094	.582	.627		.010
	N	31	31	31	31	31	31	31
Skor jawaban 21	Pearson Correlation	.380	.032	.187	.103	.154	.456	1
	Sig. (2-tailed)	.035	.866	.313	.582	.409	.010	
	N	31	31	31	31	31	31	31
Total jawaban	Pearson Correlation	.628	.536	.488	.360	.402	.632	.575
	Sig. (2-tailed)	.000	.002	.005	.047	.025	.000	.001
	N	31	31	31	31	31	31	31

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

		Skor jawaban 22	Skor jawaban 23	Skor jawaban 24	Skor jawaban 25	Skor jawaban 26	Skor jawaban 27	Skor jawaban 28
Skor jawaban 22	Pearson Correlation	1	-.015	.432	-.085	-.149	.012	.105
	Sig. (2-tailed)		.937	.015	.649	.424	.947	.576
	N	31	31	31	31	31	31	31
Skor jawaban 23	Pearson Correlation	-.015	1	-.131	.133	-.031	-.327	.120
	Sig. (2-tailed)	.937		.482	.477	.866	.073	.522
	N	31	31	31	31	31	31	31
Skor jawaban 24	Pearson Correlation	.432	-.131	1	-.234	-.301	.297	.006
	Sig. (2-tailed)	.015	.482		.205	.100	.104	.975
	N	31	31	31	31	31	31	31
Skor jawaban 25	Pearson Correlation	-.085	.133	-.234	1	.193	-.232	-.243
	Sig. (2-tailed)	.649	.477	.205		.299	.210	.189
	N	31	31	31	31	31	31	31
Skor jawaban 26	Pearson Correlation	-.149	-.031	-.301	.193	1	-.042	.354
	Sig. (2-tailed)	.424	.866	.100	.299		.825	.051
	N	31	31	31	31	31	31	31
Skor jawaban 27	Pearson Correlation	.012	-.327	.297	-.232	-.042	1	.170
	Sig. (2-tailed)	.947	.073	.104	.210	.825		.361
	N	31	31	31	31	31	31	31
Skor jawaban 28	Pearson Correlation	.105	.120	.006	-.243	.354	.170	1
	Sig. (2-tailed)	.576	.522	.975	.189	.051	.361	
	N	31	31	31	31	31	31	31
Total jawaban	Pearson Correlation	.689	.459	.316	-.094	-.268	-.030	.160
	Sig. (2-tailed)	.000	.009	.084	.614	.145	.873	.390
	N	31	31	31	31	31	31	31

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Berdasarkan hasil analisis menggunakan teknik korelasi *Product Moment Pearson* didapat r hitung yang selanjutnya nilai tersebut dikonsultasikan ke tabel r dan diinterpretasikan. Berikut tabel rekapitulasi dan interpretasi hasil uji validitas motivasi belajar siswa:

Rekapitulasi Hasil Uji Validitas Skala Motivasi Belajar Siswa

No butir	r hitung	Interpretasi	Keterangan
1	0,539	Cukup	Dipakai
2	0,608	Cukup	Dipakai
3	0,539	Cukup	Dipakai
4	0,553	Cukup	Dipakai
5	0,585	Cukup	Dipakai
6	0,604	Tinggi	Dipakai
7	0,450	Cukup	Dipakai
8	0,335	Rendah	Direvisi
9	0,392	Rendah	Direvisi
10	0,416	Cukup	Dipakai
11	0,472	Cukup	Dipakai
12	0,354	Rendah	Direvisi
13	0,220	Rendah	Direvisi
14	0,721	Sangat tinggi	Dipakai
15	0,628	Tinggi	Dipakai
16	0,536	Cukup	Dipakai
17	0,488	Cukup	Dipakai
18	0,360	Rendah	Direvisi
19	0,402	Cukup	Dipakai
20	0,632	Tinggi	Dipakai
21	0,575	Cukup	Dipakai
22	0,699	Tinggi	Dipakai
23	0,459	Cukup	Dipakai
24	0,316	Rendah	Direvisi
25	-0,094	Sangat rendah	Dibuang
26	-0,268	Sangat rendah	Dibuang
27	-0,030	Sangat rendah	Dibuang
28	0,160	Sangat rendah	Dibuang

ANALISIS UJI RELIABILITAS INSTRUMEN TES MOTIVASI BELAJAR SISWA

Untuk menghitung reliabilitas tes dihitung dengan menggunakan rumus *Alpha-Cronbach*. Adapun rumusnya adalah sebagai berikut :

$$r = \left(\frac{n}{n-1} \right) \left(1 - \frac{\sum s_i^2}{s_t^2} \right)$$

Tingkat reliabilitas soal uji coba didasarkan pada kriteria reliabilitas butir soal (Arikunto, 2013, hlm. 89) sebagai berikut:

Tabel
Kriteria Validitas Butir Soal

Validitas	Kriteria
0,800 – 1,00	Sangat tinggi
0,600 – 0,800	Tinggi
0,400– 0,600	Cukup
0,200 – 0,400	Rendah
0,00– 0,200	Sangat rendah

(Arikunto, 2013, hlm. 89)

Dengan menggunakan *SPSS 17.0 for windows*, hasil perhitungan reliabilitas soal untuk tes kemampuan berpikir kritis dalam penelitian ini disajikan dalam tabel berikut ini.

Reliability Statistics

Cronbach's Alpha	N of Items
0.798	28

Berdasarkan hasil analisis menggunakan teknik *alpha cronbach* didapat koefisien reliabilitas sebesar 0,798. Nilai reliabilitas instrumen ini dikonsultasikan ke tabel r dan diterpretasikan terhadap nilai r, maka menunjukkan bahwa instrumen secara keseluruhan memiliki reliabel tinggi.