Lampiran 12 Tabel Perhitungan Validitas Instrumen

Tabel 8 Perhitungan Validitas Instrumen

No.	Butir Soal																													Skor	X^2
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	(X)	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	29	841
2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	24	576
3	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	14	196
4	0	0	1	0	0	0	1	1	0	0	1	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	1	1	13	169
5	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	11	121
6	1	1	0	1	0	0	0	1	0	1	0	1	0	0	1	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	13	169
7	0	0	1	1	1	0	1	1	0	0	1	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	1	0	14	196
8	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	26	676
9	0	0	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	0	0	1	1	19	361
10	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	0	1	0	0	1	0	1	0	0	11	121
11	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	1	1	18	324
12	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	22	484
13	1	0	1	1	0	1	1	0	1	0	1	1	1	0	0	1	1	1	0	0	0	1	0	0	0	0	1	1	0	1	16	256
14	1	0	1	1	0	1	1	0	0	0	1	1	1	0	1	1	1	1	0	1	1	0	1	1	0	1	0	1	1	1	20	400
15	0	0	1	0	1	0	1	1	1	0	0	1	1	1	1	0	1	1	1	0	0	0	1	1	1	0	0	0	0	0	15	225
16	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29	841
17	1	1	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	26	676
18	1	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	1	0	1	0	1	1	0	0	1	0	1	1	0	15	225
19	1	0	1	0	0	0	0	1	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	10	100
20	0	0	1	0	1	0	0	1	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	14	196
21	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	0	0	0	0	1	0	1	0	0	0	1	1	1	1	19	361
22	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	0	1	0	0	1	1	1	1	1	21	441
23	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	0	1	1	1	1	1	0	1	0	21	441
24	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1	0	0	0	0	1	1	0	1	0	1	0	1	1	1	18	324
25	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	21	441
26	1	1	1	1	0	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	0	1	1	0	0	1	1	0	0	0	20	400
27	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	26	676
28	1	1	1	1	1	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	29	841
29	1	1	1	1	1	1	1	0	1	0	1	1	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	1	0	0	17	289
30	1	0	1	1	0	1	1	1	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	23	529
Jumlah	22	16	27	22	17	16	23	20	15	13	21	28	25	19	25	22	23	23	14	15	16	14	22	13	12	16	16	18	20	21	574	11896
Mp	16.68	16.13	37.63	41.23	48.41	50.50	41.87	43.50	51.67	59.54	44.05	36.75	40.20	17.89	38.56	42.95	41.09	42.22	55.43	54.00	50.00	56.07	40.91	15.00	57.75	50.63	49.81	47.06	46.30	43.81		
Mt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
St	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
p	0.73	0.53	0.90	0.73	0.57	0.53	0.77	0.67	0.50	0.43	0.70	0.93	0.83	0.63	0.83	0.73	0.77	0.77	0.47	0.50	0.53	0.47	0.73	0.43	0.40	0.53	0.53	0.60	0.67	0.70		
q	0.27	0.47	0.10	0.27	0.43	0.47	0.23	0.33	0.50	0.57	0.30	0.07	0.17	0.37	0.17	0.27	0.23	0.23	0.53	0.50	0.47	0.53	0.27	0.57	0.60	0.47	0.47	0.40	0.33	0.30		
Mp-Mt	16.68	16.13	37.63	41.23	48.41	50.50	41.87	43.50	51.67	59.54	44.05	36.75	40.20	17.89	38.56	42.95	41.09	42.22	55.43	54.00	50.00	56.07	40.91	15.00	57.75	50.63	49.81	47.06	46.30	43.81		
p/q	2.75	1.14	9.00	2.75	1.31	1.14	3.29	2.00	1.00	0.76	2.33	14.00	5.00	1.73	5.00	2.75	3.29	3.29	0.88	1.00	1.14	0.88	2.75	0.76	0.67	1.14	1.14	1.50	2.00	2.33		
(Mp-Mt)/	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####		
√p/q	1.66	1.07	3.00	1.66	1.14	1.07	1.81	1.41	1.00	0.87	1.53	3.74	2.24	1.31	2.24	1.66	1.81	1.81	0.94	1.00	1.07	0.94	1.66	0.87	0.82	1.07	1.07	1.22	1.41	1.53		
rhitung	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####		
rtabel	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36		
Simpula	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####		