

**Tabel 3.1 Analisis Validitas Butir Soal Instrumen *Posttest***

No	Nama	Nomor Soal / Skor Maksimal								Skor Total	Nilai
		1		2	3		4	5			
		a	b		a	b		a	b		
		4	4		8	4		4	8		
1	Arif Darmawan	4	2	8	4	4	8	3	2	35	87,5
2	Ani Pratiwi	4	2	6	2	4	6	4	4	32	80,0
3	Robi Abiyansah	4	4	6	4	2	5	2	4	31	77,5
4	Ardi Wahyu S.	4	4	6	4	2	5	4	2	31	77,5
5	Atika Sari	4	4	4	4	4	4	2	4	30	75,0
6	Arya Mahardika	2	4	6	4	2	6	4	2	30	75,0
7	Anton	4	4	4	2	2	4	4	4	28	70,0
8	Bejo Rohman	4	0	8	2	4	4	2	4	28	70,0
9	Dela Widiانا	2	2	8	0	4	5	3	4	28	70,0
10	Priyo Handoko	4	4	4	2	4	4	4	2	28	70,0
11	Suradi	4	2	8	0	4	4	4	2	28	70,0
12	Ummu Soleha	4	4	6	0	4	4	4	2	28	70,0
13	Yeni Erlinda	4	4	8	2	2	1	4	2	27	67,5
14	Cici Melansari	4	2	6	4	2	1	4	4	27	67,5
15	M. Agung Setiawan	4	2	6	4	4	1	4	2	27	67,5
16	Puri Novita	4	4	0	4	4	4	4	2	26	65,0

17	Merista Eva .HR.	2	2	2	4	4	5	4	2	25	62,5
18	Restu Adi .P.	2	2	0	4	1	6	2	2	19	47,5
19	Arif Imanudin	2	2	6	0	2	0	2	2	16	40,0
20	Mita Lestari	2	2	8	0	2	0	0	2	16	40,0
21	Devi Apriliyani	2	2	4	0	2	1	2	2	15	37,5
22	Nur Malik Hakiki	2	2	2	0	2	0	2	4	14	35,0
23	Yuli Dwi Putri	2	4	0	0	1	2	2	2	13	32,5
24	Mega Tri Novana	4	2	2	1	1	3	0	0	13	32,5
25	Andri Suryanto	2	2	0	2	1	2	2	2	13	32,5
26	Lara Veronicha	2	0	2	2	1	2	4	0	13	32,5
27	Derry Apriadi	0	0	4	1	2	2	2	2	13	32,5
28	Andika Febrianto	2	2	0	2	1	2	2	2	13	32,5
29	Muhammad Dede .Y.	2	0	4	1	2	1	2	0	12	30,0
30	Eva Siti .M.	2	0	4	2	1	1	0	2	12	30,0
31	Lisviana	2	0	2	2	2	0	2	0	10	25,0
32	Dwi Rahmawati	0	0	2	2	0	2	2	2	10	25,0
33	Rianita Firdaus	0	2	1	2	0	3	2	0	10	25,0
34	Meliana	1	2	2	1	2	0	2	0	10	25,0
Validitas Butir Soal	Jumlah skor butir soal ( $\sum X$ )	91	74	139	68	79	98	90	72		
	$\sum X^2$	301	228	813	212	239	432	290	208		
	$\sum Y$	711	711	711	711	711	711	711	711		
	$\sum Y^2$	17159	17159	17159	17159	17159	17159	17159	17159		
	$\sum XY$	2184	1770	3380	1620	1916	2464	5441	2103		

[illegible]