

Appendix 34**Inter – Rater Reliability of Posttest 1**

No	Students' Code	R1	R2	D	D²
1	AR	84	80	1	1
2	AK	80	80	0	0
3	AS	88	88	0	0
4	AKW	80	80	0	0
5	AN	80	80	0	0
6	CM	92	92	0	0
7	DLL	84	92	1	1
8	DK	80	84	1	1
9	DA	84	84	0	0
10	EAW	80	80	0	0
11	EF	88	92	1	1
12	EY	80	80	0	0
13	FCD	96	96	0	0
14	GM	80	80	0	0
15	IBS	80	80	0	0
16	IZS	84	88	1	1
17	KDV	84	84	0	0
18	KDJ	80	80	0	0
19	LZ	96	96	0	0
20	MMS	76	80	1	1
21	MR	96	92	1	1
22	NS	80	80	0	0
23	NZA	88	92	1	1
24	NA	80	80	0	0
25	NUFS	80	84	1	1
26	NW	80	80	0	0
27	OY	88	88	0	0
28	RSY	88	92	1	1
29	SID	84	92	1	1
30	SF	80	80	0	0
31	SH	80	80	0	0
Total		2636	2668	11	11

Reliability of Posttest 1

The statistical formula for counting the reliability is as follow:

$$R = 1 - \frac{6 \sum d^2}{N (N^2 - 1)}$$

$$R = 1 - \frac{6.11}{31 (31 - 1)}$$

$$R = 1 - \frac{6.(121)}{31 (961 - 1)}$$

$$R = 1 - \frac{726}{31 (960)}$$

$$R = 1 - \frac{726}{29760}$$

$$R = 1 - 0.024$$

$$R = 0.98$$

(A very high reliability)

Where:

R : Reliability

N : Number of Students

D : The different of rank Correlation

1-6 : Constant Number

(Shohamy, 1985: 213) in Haryanti (2010: 39)