

CHAPTER IV

FINDINGS AND DISCUSSION

A. Findings

1. Validity of Song and British Council as a Test

a. Validity of song as a test

The test was conducted on November 22nd, 2022 to 30 respondents from seventh grade student to check the validity of the test. This test is examined by using Pearson Product Moment on SPSS to show that whether the item of test is valid or invalid. This test included 30 respondents which is minimum respondent to check validity of data. Rtable of 30 respondents is 0,361 and the result of and the score of the students' test as follows:

Table 4. 1
The Result of Song Test

No	Name	Score
1	ADS	60
2	AR	70
3	AAP	80
4	ANK	90
5	E	30
6	F	80
7	FN	30
8	FR	80
9	H	100
10	LM	70
11	ME	30

12	M	70
13	MADS	80
14	MFE	40
15	MI	90
16	MJ	20
17	MKAB	100
18	MMA	60
19	MR	100
20	MSF	80
21	N	60
22	NA	80
23	NH	20
24	R	30
25	SNA	100
26	SF	50
27	SA	80
28	SDS	90
29	SCK	100
30	ZNDD	90

Then, those score is analyzed by using SPSS for validity test. The result as follows:

Table 4. 2
The Result of Validity of Song as a Test

Test Item	Rcount	Rtable	Conclusion
1	0,700	0,361	Valid
2	0,468	0,361	Valid
3	0,879	0,361	Valid
4	0,392	0,361	Valid
5	0,621	0,361	Valid
6	0,700	0,361	Valid
7	0,401	0,361	Valid
8	0,386	0,361	Valid
9	0,879	0,361	Valid
10	0,439	0,361	Valid

Based on the table, all items have valid status with correlation Pearson Product Moment. The r-count of all test exceed the value of

the existing r-table to determine which one is valid. Could be seen in the table 4.1.

b. Validity of British council as a test

The test was conducted on November 21st, 2022 to 30 respondents from seventh grade student to check the validity of the test. This test is examined by using Pearson Product Moment on SPSS to show that whether the item of test is valid or invalid. This test has 3 types of test, namely Multiple choice, Grouping, Fill the blank. The test included 30 respondents which is minimum respondent to check validity of data. Rtable of 30 respondents is 0,361 and the score of the students' test as follows:

Table 4. 3
The Result of British Council Test

No	Name	Score
1	ADS	100
2	AR	70
3	AAP	50
4	ANK	75
5	E	90
6	F	95
7	FN	90
8	FR	100
9	H	100
10	LM	95
11	ME	95
12	M	90
13	MADS	85
14	MFE	95

15	MI	75
16	MJ	90
17	MKAB	65
18	MMA	75
19	MR	100
20	MSF	95
21	N	80
22	NA	95
23	NH	100
24	R	95
25	SNA	95
26	SF	90
27	SA	95
28	SDS	80
29	SCK	75
30	ZNDD	35

Then, those score is analyzed by using SPSS for validity test. The result as follows:

Table 4. 4
The Result of Validity of British Council as a Test

Type of test	Test Item	Rcount	Rtable	Conclusion
Multiple Choice	1	0,372	0,361	Valid
Multiple Choice	2	0,413	0,361	Valid
Multiple Choice	3	0,469	0,361	Valid
Multiple Choice	4	0,380	0,361	Valid
Multiple Choice	5	0,549	0,361	Valid
Grouping	1	0,461	0,361	Valid
Grouping	2	0,469	0,361	Valid
Grouping	3	0,469	0,361	Valid
Grouping	4	0,49	0,361	Valid
Grouping	5	0,404	0,361	Valid
Grouping	6	0,423	0,361	Valid
Grouping	7	0,372	0,361	Valid
Grouping	8	0,417	0,361	Valid

Fill the Blank	1	0,526	0,361	Valid
Fill the Blank	2	0,402	0,361	Valid
Fill the Blank	3	0,547	0,361	Valid
Fill the Blank	4	0,501	0,361	Valid
Fill the Blank	5	0,453	0,361	Valid
Fill the Blank	6	0,526	0,361	Valid

Based on the table, all items have valid status with correlation Pearson Product Moment. The r-count of all test exceed the value of the existing r-table to determine which one is valid. Could be seen in the table 4.2.

2. Reliability of Song and British Council as a Test

a. Reliability of song as a test

After checking validity of the test, the researcher check the reliability of the test by using the same score for validity test. Researcher use Cronbach Alpha's statistical test on SPSS to see reliability of the test. The result of this reliability of this test as follows:

Table 4. 5
The Result of Reliability of Song as a Test

Reliability Statistics		
Cronbach's Alpha Based on Standardized		
Cronbach's Alpha	Items	N of Items
,755	,753	10

The reliability test result from the test is 0.755 that means high reliability status from the song as a test. The value of test > 0.6 and it means that the test reliable from the table of criteria. Therefore, reliability test for this research is high reliable.

b. Reliability of British council as a test

After checking validity of the test, the researcher check the reliability of the test by using the same score for validity test. Researcher use Cronbach Alpha's statistical test on SPSS to see reliability of the test. The result of this reliability of this test as follows:

Table 4. 6
The Result of Reliability of British Council as a Test
Reliability Statistics

Cronbach's Alpha	N of Items
,722	19

The reliability test result from the test is 0.722 that means high reliability status from the British council as a test. The value of test > 0.6 and it means that the test reliable from the table of criteria. Therefore, reliability test for this research is high reliable.

3. Correlation Analysis

There are several methods of test in correlation analysis. It conducts three tests: the normality test, linearity, and correlation analysis. And the score of students' song and British council as a test as follows:

Table 4. 7**The Score of Participants on Song and British Council test**

No	Class A			Class B			Class C		
	Name	Score		Name	Score		Name	Score	
		Song	BC		Song	BC		Song	BC
1	AB	70	75	ADF	80	95	AT	80	95
2	AA	80	85	AD	70	80	ADK	90	90
3	ADN	80	80	AR	90	75	DNS	70	80
4	AJE	80	85	ANS	70	85	DSA	70	90
5	FN	100	100	CSR	50	50	DU	80	90
6	HU	90	95	IPJ	60	85	FSL	70	90
7	H	90	100	LF	70	90	HP	90	100
8	I	80	100	MP	60	85	KJW	70	95
9	JS	90	95	MA	70	90	MRNA	100	100
10	JL	100	100	MDM	90	70	MFH	80	95
11	LAP	80	100	MHR	80	60	AR	80	95
12	MS	70	100	MIF	70	75	MA	70	90
13	M	90	95	MZ	30	50	MF	80	85
14	MKJ	80	100	MN	90	90	MH	90	100
15	MAM	90	95	MR	60	80	MJR	70	85
16	MG	90	95	MRM	70	75	MRM	80	90
17	MH	100	100	MRR	90	90	MRF	60	85
18	MPR	80	100	MS	100	90	MRS	80	90
19	MRW	90	90	PI	80	75	MZ	70	95
20	MR	100	100	SH	70	75	NKP	100	100
21	MZ	80	100	SA	70	90	NHK	70	85
22	ND	90	98	TA	80	95	RH	80	95
23	N	90	98	VIS	80	85	SF	80	95
24	P	80	100	AZM	90	90	SR	80	100
25	SH	90	100				U	90	100
26	AG	80	100				MZN	100	100

a. Normality test

The normality test is used by the researcher for this study from the Kolmogorov-Smirnov test. The significance value from Kolmogorov-Smirnov is > 0.05 . The good regression of residual is that have normal values of residual. Independent and dependent variable

data has a normal distribution or not for normality determined by the results. The application that supports the data is SPSS 16 version. The result of normality is as follows:

Table 4. 8
The Result of Normality Test

Tests of Normality							
TEST	REFERENCE	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
NILAI	SONG	,180	76	,000	,902	76	,000
	BC	,191	76	,000	,821	76	,000
a. Lilliefors Significance Correction							

Based on table 4.5, the result for this test of normality from Kolmogorov-Smirnov Z is 0.000. The researcher used Kolmogorov-Smirnov results to compare the significance value. The significance value of tests is < 0.05 and it can be concluded that the distribution of data from the test is not normal.

b. Linearity test

The linearity test determines whether two or more variables tested have a significant linear relationship. This significance value for the linearity test is < 0.05 from the result with a relationship or correlation. However, if the results > 0.05 , the two variables are not linear. The application that supports data processing is IBM SPSS version 16. The result of linearity is as follows:

Table 4. 9
The Result of Linearity Test

ANOVA Table						
			Sum of Squares	df	Mean Square	F Sig.
bc * song	Between Groups	(Combined)	4507,724	6	751,287	11,349 ,000
		Linearity	3455,148	1	3455,148	52,194 ,000
		Deviation from Linearity	1052,575	5	210,515	3,180 ,012
		Within Groups	4567,697	69	66,199	
		Total	9075,421	75		

Based on table 4.6, the result for this test linearity is 0.000. The significance value < 0.05 concluded that there is a linear relationship between each variable between song and British council as a test reference. Thus, the correlation of the two variables in this study has a linear relationship.

c. Correlation test

After having normality and linearity test, it is able to be concluded that the distribution of data of these two variables is no normal and has a linear relationship. Based on that result, the researcher use non parametric correlation test which use Rank Spearman test on SPSS. The result of this analysis as follows:

Table 4. 10
The Result of Correlation Test

Correlations				
			peringkat nilai song	peringkat nilai bc
Spearman's rho	peringkat nilai song	Correlation	1,000	,702**
		Coefficient		
		Sig. (2-tailed)	.	,000
		N	76	76
	peringkat nilai bc	Correlation	,702**	1,000
		Coefficient		
		Sig. (2-tailed)	,000	.
		N	76	76
**. Correlation is significant at the 0.01 level (2-tailed).				

Based on above analysis, it shows that significant of the data is 0,000, it means that $< 0,005$ and H1 is accepted and H0 is declined. Correlation coefficient of the data is 0,702. Therefore, it can be concluded that there are significant relationship between song and British council as a test reference with high correlation and has a positive relationship.

B. Discussion

By using Rank spearman analysis on SPSS, the researcher got the result of Correlation analysis for song and British council as a test reference. The result shows that the significant of data is 0,000 which means that there are significant relationship between song and British council as a test reference. Correlation coefficient of the data is 0,702 which is interval of 0,710 - 0,900

and that's mean has a high correlation. 0,702 is a positive number, it means that song and British council has a positive relationship that can be defined as song influence students listening ability which is in this research show by British council test. If students' song test result increases then students listening ability also increases. The result is in accordance with Cullen's suggestion that by utilizing songs for listening activity, students' grammar knowledge can be used in understanding the information or message from the songs that will lead students improving their listening ability (Cullen, 2015).

The result of this study are relevant to finding of Solehuddin's research. The result of his research showed that there was significant positive correlation between test of listening skill and students' listening to English song with correlation coefficient of the data is 0,840. This result means that the correlation between test of listening skill and students' listening to English song has high correlation (Solehudin, 2018).