



ANALYSIS OF MUSICAL INSTRUMENT RECOGNITION TRADITIONAL IN CHILDREN WITH INTELLECTUAL DISABILITIES SLB EAST ANGKOLA

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Article history:	Abstract:
Received: 10 th May 2022	Independence program study is programs that promote the learning process student by independent or free in accordance with interest and character students . Teacher no again play a role for operate curriculum just but Becomes liaison Among curriculum and interests students . Based on directions on the program , then one of the the most possible way taken is with use technology as direction in learning . Based on description the above , then destination study this is To do evaluation to use of social media Youtube as tool learning specifically introduction tool music traditional for children mentally retarded at SLB East Angola. Destination study this is analyze how much interest student to learning videos and how much far understanding student to Theory study . Analysis use Chi-Square method and tools processing data using SPSS. and results show that student interested with learning videos and more understand Theory lesson , compared study use method other . This thing showed with the average value of students who are interested and understand is as much 22 people are interested saw the video and 8 didn't interested . With composition 17 understanding material and 5 no understand material . With the number of samples is 30 students from share class at the East Angola SLB.
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INTRODUCTION

Independence program study is programs that promote the learning process student by independent or free in accordance with interest and character students . Teacher no again play a role for operate curriculum just but Becomes liaison Among curriculum and interests students (*GTK Kemendikbudristek 2022, n.d.*). Based on Thing that , a lot ways and approaches that can used in doing activity study in the independence program learning , including building _ ecosystem study based technology , collaborate with party others , use of data and technology as reference learning , and still many again other . Based on directions on the program , then one of the the most possible way taken is with use technology as direction in learning (*Apa Itu Merdeka Belajar? - Websis, n.d.*).

Learning media audio-visual -based is an interesting medium for children , because consist from sound and picture move . Moment this is learning media many available around us , such as social media (Facebook, Instagram, Youtube , WhatsApp, etc.), television and other (Wahyuni et al., 2022)digital media . The number of media that provide Theory learn, make the learning process Becomes more easy and fun . The presence of digitalization media as source information and materials make the learning process teach Becomes more easy and can held anywhere student is at (Hayaty et al., 2021). So that teacher 's job this is accompany student - for To do analysis based on material and customize situation and condition students at school . At the time of independence study moment this , the teacher 's role is as a supervisor in the learning process teach . So the teacher is required active in accompany student schoolgirl in study (Zein, 2016).

East Angola SLB is school for students mentally retarded , so that in the learning process teaching really needs concept and attention different compared school other . To make it easier and interesting interest students in study art especially tool music traditional , then use the independent model study with use tool help the video comes from social media . One of the audio-visual -based online media currently available this many accessed is Youtube . Youtube is a social media that can accessed by many people for free through various devises. For knowing how far is the ability children in absorb Theory lesson, then need conducted study as base determination policy in give lesson in independence study . As for tools learning used is a video from Youtube, because easy and free for accessed.

Based on description the above , then destination study this is To do evaluation to use of social media Youtube as tool learning specifically introduction tool music traditional for children mentally retarded at SLB East Angola.

Destination study this is analyze how much interest student to learning videos and how much far understanding student to Theory study .

RESEARCH METHODS

Observation conducted During three day with involve there are 30 students at the East Angola Special School of the existing 60 students . Observation process conducted with two method that is introduction use pictures and introduction using youtube videos. Survey beginning conducted with introduce picture tool music to students, and surveys second conducted after student introduced tool music via youtube videos . Analysis result taken after student introduced second method that. As for the video used via the link <https://www.youtube.com/watch?v=0X24eyUoJI4> .

Analysis on research this use analysis relation correlation with use analysis simple linear regression . As for data processing using SPSS based on results observation for 3 days after students invited see learning pictures and videos , then repeated for 3 days in see learning videos . Then for knowing ability student in absorb learn, the teacher gives question in accordance with the image in the video . The data processing tools use SPSS and the methods used is Chi-Square. Chi Square is a non - parametric comparative test performed on two variable nominal (dikti & 2006, n.d.)scale . If of 2 variables , there is 1 variable with nominal scale then carried out the chi square test with refer that must used the test at the lowest degree) (Penelitian et al., 2021). The chi square formula is presented in formula 1.

$$X^2 = \sum_{i=1}^k \left(\frac{O_i - E_i}{E_i} \right)^2 \tag{1}$$

Where

R : number of rows

c : amount column

i : row to i

j : row to j

Oij : frequency observation on line i column j

Eij : expected frequency on line i column j

Next for count Eij used formula : $E_{ij} = n_i \cdot n_j / n$ with n_i = number frequency in line i , n_j = sum the frequency in columns j and n is the total frequency . Assumptions used _ is the originating data random (Negara et al., n.d.)sample . Expected frequency _ for each category must more big of 1. The expected frequency which is worth not enough out of 5 no can more than 20% of category (SINUS & 2017, n.d.).

DISCUSSION

Based on results analysis , following is statistical data student done evaluation, are presented in Table 1.

Table 1. Types of data sex East Angola SLB students

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Man	18	60.0	60.0	60.0
	Woman	12	40.0	40.0	100.0
	Total	30	100.0	100.0	

In Table 1, the number of respondent is 30 students by random throughout school with composition of 18 students boys and 12 students female . As for the amount students on each the class that becomes respondents , are presented in Table 2.

Table 2. Composition respondent every class at East Angola SLM

Class East Angola SLB students		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	One	4	13.3	13.3	13.3
	Two	8	26.7	26.7	40.0
	Three	11	36.7	36.7	76.7
	Four	5	16.7	16.7	93.3
	Five	2	6.7	6.7	100.0
	Total	30	100.0	100.0	

In Table 2, it is presented that amount respondent class 1 is 4 people, class 2 is 8 people, class 3 is 11 people, class 4 is 5 people, class 5 is 2 people. As for the composition class respondent presented in Figure 1.

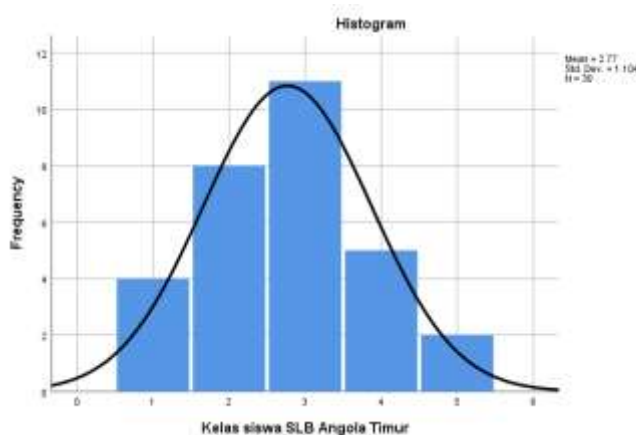


Figure 1. Composition class responder at SLB East Angola

Whereas based on survey about interest students , are presented in Table 3.

Table 3. Understanding test test based on interest student to learning videos

Interest student view Youtube videos * Understanding to Theory Crosstabulation lesson				
Count		Understanding to Theory lesson		Total
		Understand	Not Understand	
Interest student watch Youtube videos	Interested	17	5	22
	Not interested	3	5	8
Total		20	10	30

Table 3 explains that 22 people are interested saw the video and 8 didn't interested . With composition 17 understanding material and 5 no understand material . Whereas students who don't interested , 3 people understand material and 5 no understand material . As for the learning model test using Youtube videos Chi-Square test is presented in Table 4.

Table 4. Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	4,176 ^a	1	.041		
Continuity Correction ^b	2,578	1	.108		
Likelihood Ratio	4.024	1	.045		
Fisher's Exact Test				.078	.056
Linear-by-Linear Association	4.037	1	.045		
N of Valid Cases	30				

- a. 1 cell (25.0%) has an expected count of less than 5. The minimum expected count is 2.67.
- b. Computed only for a 2x2 table

In Table 4. Chi - square is 4.176, with P-value is 0.041 . if P value compared with Alpha which is 0.05, then more P value large (P-value < =5 %) means there is connection significant Among understanding student to interest see teaching videos. Based on the expected frequency which is worth not enough out of 5 no can more than 20% of category , in Table 4 no fulfilled . Due to frequency hope Lowest only of 2.67.

CONCLUSION

Based on description on so conclusion study this is , student interested to learning videos through Youtube and understanding student to Theory study more high . Analysis Chi-Square method and tools data processing using SPSS is considered effective in To do analysis and evaluation of cases this . Results show that student interested with learning videos and more understand Theory lesson, compared study use method other . This thing showed with the average value of students who are interested and understand is as much 22 people are interested saw the video and

8 didn't interested . With composition 17 understanding material and 5 no understand material . With the number of samples is 30 students from share class at the East Angola SLB.

REFERENCES

1. *What is it Free to Learn ? - Website* . (nd). Retrieved July 14, 2022, from <https://websites.co.id/apa-itu-merdeka-belajar/>
2. dikti , YN-S. Education. D. <http://pjjpgsd.>, & 2006, undefined. (nd). Analysis Comparative With Testing Chi Square (Chi Square). *Spada.Uns.Ac.Id* . Retrieved July 14, 2022, from https://spada.uns.ac.id/pluginfile.php/113646/mod_resource/content/1/Statistika_Pendidikan_unit_6.pdf
3. *GTK Kemendikbudristek 2022* . (nd). Retrieved July 14, 2022, from <https://gtk.kemdikbud.go.id/read-news/merdeka-learning>
4. Hayaty , M., Wahyuni , SN, Putra, AD, Maemunah , M., Satya, B., & Conscience, D. (2021). Training Making Content Learning Using Open Broadcast Software. *Abdiformatics : Journal Community Service Informatics* , 1 (2), 61–67.
5. Country, I., ... AP-NM and, & 2018, undefined. (nd). Use of the Chi–Square Test for Knowing Effect of Education Level and Age to Knowledge IDU Regarding HIV-AIDS in DKI Province . *Mathematics.Fmipa.Unsoed.Ac.Id* . Retrieved July 14, 2022, from <http://matematika.fmipa.unsoed.ac.id/wp-content/uploads/3.-igo-dkk.pdf>
6. Research , J., Learning , P., Arif , I., Saufi , M., & Rizka , MA (2021). Media Influence Board Flannel To Interest Study Student . *E- Journal. Undikma. Ac.Id* , 6 (1), 55–59. <https://doi.org/10.33394/jtp.v6i1.3626>
7. SINUS, AW-JI, & 2017, undefined. (nd). Chi-Square test on statistics and SPSS. *P3m.Sinus.Ac.Id* . Retrieved July 14, 2022, from https://p3m.sinus.ac.id/jurnal/index.php/e-jurnal_SINUS/article/download/294/271
8. Wahyuni , SN, Maemunah , M., Mulyatun , S., Vijaya, RJ, Istiningsih , I., Purwanto , MK, Widyawati , R., & Hayati , M. (2022). Training Making Teaching Videos for Teachers at MIN 1 Klaten . *Journal of Community Development* , 3 (1), 17–23.
9. Zein, M. (2016). The teacher's role in development learning . *Journal Inspirational Education* , 5 (2), 274–285.