

The Effect of Numbered Head Learning Method Together (NHT) on Student Learning Outcomes in The Subject of Creed and Malak in Class XI MA Aisyiyah Binjai

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ABSTRAK

Penelitian ini memiliki tujuan untuk mengetahui: 1) metode pembelajaran *Numbered Head Together (NHT)*, 2) hasil belajar siswa, 3) pengaruh signifikan dari metode *Head Together (NHT)* terhadap hasil belajar siswa. Adapun permasalahan dalam penelitian ini yaitu kurangnya variasi metode pembelajaran yang membuat rendahnya hasil belajar siswa. Penelitian ini menggunakan metode kuantitatif dengan pendekatan deskriptif. Populasi dalam penelitian ini adalah seluruh siswa kelas XI MA Aisyiyah Binjai. Adapun pengambilan sampel dengan nonprobability sampling dan diperoleh sampel sebanyak 46 orang. Teknik pengumpulan data dengan menggunakan angket. Teknik analisis data dengan uji korelasi dan uji T. Berdasarkan hasil penelitian, diketahui bahwa metode pembelajaran *Numbered Head Together (NHT)* berpengaruh terhadap hasil belajar siswa. Hal ini dapat dibuktikan melalui korelasi dengan menggunakan rumus korelasi *product moment* yang diperoleh sebesar 0,5 dengan tingkat korelasi tinggi. Adapun hasil perhitungan uji t pada penelitian ini diperoleh T_{hitung} sebesar 3,14 dengan taraf signifikansi 5% diperoleh T_{tabel} sebesar 2,015. Dapat dilihat nilai $T_{hitung} > T_{tabel}$ maka H_0 ditolak dan H_a diterima. Dengan kata lain dapat disimpulkan terdapat pengaruh signifikan antara metode pembelajaran *Numbered Head Together (NHT)* terhadap hasil belajar siswa.

Keyword: Numbered Head Together; Hasil Belajar; Metode Pembelajaran

ABSTRACT

This study aims to find out: 1) the Numbered Head Together (NHT) learning method, 2) student learning outcomes, 3) the significant influence of the *Head Together (NHT)* method on student learning outcomes. The problem in this study is the lack of variety of learning methods that make student learning outcomes low. This research uses quantitative methods with a descriptive approach. The population in this study is the entire class XI MA Aisyiyah Binjai. The sampling with nonprobability sampling and obtained a sample of 46 people. Data collection techniques using questionnaires. Data analysis techniques with correlation test and T test. Based on the results of the study, it is known that the *Numbered Head Together (NHT)* learning method affects student learning outcomes. This can be proven through correlation by using the *product moment* correlation formula obtained at 0.5 with a high correlation level. The results of the t test calculation in this study obtained a T_{count} of 3.14 with a significance level of 5% obtained T_{table} of 2.015. It can be seen the value of $T_{calculate} > T_{table}$ then H_0 rejected and H_a accepted. In other words, it can be concluded that there is a significant influence between the *Numbered Head Together (NHT)* learning method on student learning outcomes.

Keyword: Numbered Head Together; Learning Outcomes; Learning Methods

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1. INTRODUCTION

Education is a conscious and planned effort to create a learning atmosphere and learning process so that students actively develop their potential to have religious spiritual strength, self-control, personality, intelligence, noble morals and skills needed by themselves and society. One of the goals of formal education is to improve student learning outcomes. The quality of students can be seen from the learning outcomes achieved during the learning process over a certain period of time. Student learning outcomes reflect the extent to which students grasp and understand the learning material. Learning outcomes certainly do not only include cognitive abilities, but also affective and psychomotor abilities. Efforts to make improvements in the education sector are the responsibility of all parties, including teachers. The teacher's main duties and responsibilities are to manage learning to make it more effective, dynamic, efficient and positive, which is characterized by awareness and active involvement between the two teaching subjects. The basic competencies that teachers must have are: (1) preparing learning plans; (2) carrying out learning; (3) assessing learning achievement; (4) carry out follow-up results of student learning achievement assessments; (5) understand the foundations of education.

Based on the results of initial observations conducted by researchers at MA Aisiyah Binjai in August 2022, researchers found that student learning outcomes were still low. This can be seen because there are still students who do not understand the subject matter taught by the teacher, there are still students who ask questions regarding the material that has just been explained, there are still students who are unable to answer quiz questions from the teacher, and there are still students who have to take remedial measures. The lack of teacher creativity in delivering teaching material and students working individually sometimes results in difficulty for students to receive lessons well and results in low learning outcomes.

To avoid boredom during the teaching and learning process, it can be overcome by using learning methods. Learning methods are a conceptual framework used as a guide in learning. The learning method that can be offered to improve student learning outcomes is by using the Numbered Head Together method. Researchers hope that teachers at the MA Aisiyah Binjai school will not only apply the lecture method without accompanying strategies or media that support the learning process. Teachers need to find the right method to be able to improve student learning outcomes. The selection and application of learning methods is an important thing that must be done by teachers in delivering each lesson material, to create a conducive and active learning environment.

2. RESEARCH METHOD

The type of research carried out is quantitative research. Quantitative research is based on the philosophy of positivism which emphasizes objective phenomena and is studied quantitatively. Maximizing the objectivity of this research was carried out by using statistical processing figures, structures and controlled experiments. Quantitative research is experimental and non-experimental. Quantitative research produces statistics through survey research scales.

This research was conducted using a descriptive research approach. Descriptive research is research conducted to determine the value of each or more independent (bound) variables without making relationships or comparisons with other variables. These variables can describe systematically and accurately certain fields.

A. Population

In statistics refers to a group of individuals with distinctive characteristics that are of interest in a study. Population is an object or subject that resides in an area and meets certain requirements related to the research problem. The population in this research is all students of class XI MAS Aisiyah Binjai City in the 2022/2023 academic year, totaling 92 students.

3. RESULTS AND DISCUSSION

A. Description

his research was conducted using a questionnaire given to 46 class XI students at MAS Aisiyah Binjai who were the research samples. The results of their answers will be presented in the form of a percentage frequency table and then conclusions will be drawn from the results of data analysis in this table. To find out how the Numbered Head Together (NHT) learning method works, you can find out from the answers as explained in the following table:

Table 1. Description

NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	X
1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	3	4	78
3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
6	2	4	4	4	2	4	3	4	3	4	4	3	3	4	3	3	4	4	3	3	68
7	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	79
8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	79
10	2	4	4	4	2	4	3	4	4	4	4	2	3	4	4	4	4	4	3	3	67
11	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	78
12	4	4	4	3	4	3	4	3	4	2	4	4	4	4	4	4	4	4	4	4	75
13	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
14	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
15	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
16	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	79
17	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
18	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
19	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
21	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
22	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	79
23	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	2	77
26	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	4	4	4	4	80
27	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	79
28	2	1	2	4	3	1	2	3	4	1	3	3	1	4	3	4	4	4	4	4	80
29	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
30	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	79
31	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	79
32	3	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	78
33	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	79
34	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
35	4	4	4	4	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
36	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
37	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4	4	78
38	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	79
39	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
40	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
41	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
42	3	4	4	4	4	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	76
43	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
44	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
45	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
46	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	76
X	172	181	182	183	177	179	176	181	182	182	181	180	180	181	180	182	184	180	178	174	3622
Mean																					3,739
Modus																					4
Median																					4
SD																					0,575
R hit																					0,654
R tab																					0,288

$$P = \frac{F}{N} \times 100\%$$

$$P = \frac{3622}{(46 \times 20 \times 4)} \times 100\%$$

$$P = \frac{3622}{3680} \times 100\%$$

$$P = 0,984 \times 100\%$$

$$P = 98,4\%$$

So it can be seen that the Numbered Head Together (NHT) learning method in class XI MA Aisyiyah Binjai is classified as good, with a percentage of 98.4%.

To find out what student learning outcomes are, you can find out from the answers as explained in the following table:

Table 2. Learning Outcomes

NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Y
1	3	3	3	3	2	2	3	1	3	3	3	3	3	3	3	3	3	3	3	3	56
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	60
3	3	3	3	3	3	2	3	3	1	3	3	3	3	3	3	3	3	3	3	3	56
4	3	4	4	4	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	66
5	4	4	4	4	3	4	4	3	3	3	3	3	3	3	3	2	3	3	2	2	63
6	2	3	4	4	2	4	4	3	3	1	3	2	2	1	2	1	1	1	1	1	45
7	3	4	4	4	3	4	4	3	3	3	3	3	3	3	3	3	3	2	3	4	65
8	4	3	3	3	3	2	3	1	3	3	3	3	3	3	3	3	3	3	3	3	57
9	4	3	3	3	2	2	3	1	3	3	3	3	3	3	3	3	3	3	3	3	57
10	2	3	4	4	2	4	4	3	3	1	3	2	2	1	2	1	1	1	1	1	45
11	4	3	3	3	2	2	3	1	3	3	3	3	3	3	3	3	3	3	3	2	56
12	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	60
13	3	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	3	3	3	3	67
14	3	4	4	4	3	3	4	2	3	3	2	3	2	3	3	3	2	3	4	4	63
15	4	4	4	4	3	3	4	2	3	3	2	3	2	3	4	3	2	3	4	4	65

16	3	3	3	3	3	3	4	2	3	3	3	3	3	3	3	3	3	3	3	3	60
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3	4	3	63
18	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	2	2	3	2	54
19	4	2	3	3	3	3	3	3	3	3	2	2	2	3	3	3	2	3	3	3	56
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	65
21	3	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	3	3	3	3	67
22	4	3	3	3	4	3	3	2	3	3	3	2	4	2	4	2	3	3	3	3	60
23	3	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	3	4	4	3	69
24	3	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	3	4	4	4	70
25	2	2	2	2	3	2	2	1	1	3	1	2	2	2	2	2	2	2	2	2	60
26	4	4	4	4	2	4	4	2	2	2	2	2	4	4	4	4	2	4	2	2	62
27	4	3	3	3	4	3	3	2	3	3	3	2	4	2	4	2	3	3	3	3	60
28	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	2	1	2	3	2	52
29	4	4	4	4	4	3	4	4	4	4	3	3	3	3	4	4	3	4	4	4	74
30	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	2	2	3	2	54
31	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	65
32	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3	4	3	63
33	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3	4	3	64
34	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	2	2	3	2	54
35	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	66
36	4	4	4	3	3	3	3	3	3	3	2	2	2	3	3	3	2	2	3	2	57
37	3	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	4	4	4	4	71
38	2	2	2	2	3	2	2	1	1	3	1	2	2	2	2	2	2	2	3	2	61
39	3	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	3	3	3	4	68
40	4	3	4	4	2	4	4	3	3	1	3	2	2	1	2	1	1	1	2	2	49
41	3	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	3	3	3	4	68
42	3	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	3	4	3	4	69
43	4	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	4	4	4	4	72
44	2	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	3	3	3	4	67
45	2	3	4	4	4	3	3	4	3	4	3	3	3	3	4	4	3	3	3	4	67
46	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	2	2	3	2	54
X	146	143	158	157	144	138	147	132	132	143	124	123	127	129	152	142	127	133	143	138	2822
Mean																					3,17
modus																					3
median																					3
SD																					0,64
R hit																					0,09
r tab																					0,29

$$P = \frac{F}{N} \times 100\%$$

$$P = \frac{2822}{46} \times 100\%$$

$$P = 61,34 \times 100\%$$

$$P = 61,34\%$$

So it can be seen that the learning outcomes in the subject of moral beliefs in class XI MA Aisyiyah Binjai are classified as good, with a percentage of 61.34%.

The results of these calculations are then entered into the Product Moment Correlation formula, namely:

$$r_{xy} = \frac{N(\sum XY) - (\sum X)(\sum Y)}{\sqrt{\{N\sum X^2 - (\sum X)^2\}\{N\sum Y^2 - (\sum Y)^2\}}}$$

$$r_{xy} = \frac{(46)(222617) - (3622)(2822)}{\sqrt{\{(46)(285524) - (3622)^2\}\{(46)(175186) - (2822)^2\}}}$$

$$r_{xy} = 0,577$$

4. CONCLUSION

Based on the results of data processing and hypothesis testing that researchers have carried out regarding the influence of the Numbered Head Together (NHT) learning method on student learning outcomes in the subject of moral beliefs in class XI MA Aisyiyah Binjai, the following conclusions can be drawn:

1. From the results of data processing that has been carried out by distributing questionnaires to students for variable percentage 98.4%. This shows that almost all students feel the benefits of using the Numbered Head Together (NHT) learning method.
2. From the results of the questionnaire for variables V and Y, it can be concluded that there is a significant influence between the Numbered Head Together (NHT) learning method on the learning outcomes of class XI MA Aisyiyah Binjai students. This can be seen from the value of Tcount (3.14) > Ttable (2.015), so H_0 is rejected or H_a is accepted. In other words, the influence of the Numbered Head Together (NHT) learning method on the learning outcomes of class XI MA Aisyiyah Binjai students is quite low.

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