

**PROGRAM STUDI S1 KEPERAWATAN
FAKULTAS ILMU KEPERAWATAN
UNIVERSITAS ISLAM SULTAN AGUNG
SEMARANG**

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ABSTRAK

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**PENGARUH MODEL *COOPERATIVE LEARNING* TIPE *JIGSAW*
TERHADAP KEMAMPUAN KOGNITIF MAHASISWA S1 SEMESTER I
DI FAKULTAS ILMU KEPERAWATAN UNIVERSITAS ISLAM SULTAN
AGUNG SEMARANG**

65 halaman + 11 tabel + 3 gambar + 13 lampiran + vii

Latar Belakang: Model pembelajaran perguruan tinggi di Indonesia saat ini sudah semakin berkembang dari model pembelajaran konvensional, *Cooperative Learning* tipe *jigsaw* salah satunya dimana menitikberatkan mahasiswa untuk berlatih secara kelompok yang diarahkan untuk membangun komunikasi yang efektif di dalam kelompok. Dengan model ini, akan meningkatkan kemampuan kognitif atau berfikir kritis dalam pemecahan masalah. Tujuan penelitian untuk mengidentifikasi pengaruh model *cooperative learning* tipe *jigsaw* terhadap kemampuan kognitif pada mahasiswa.

Metode: Penelitian ini merupakan jenis penelitian kuantitatif *pre experimental* dengan pendekatan *post-test only with control group design*. Jumlah responden sebanyak 28 mahasiswa S1 semester I dengan teknik *simple random sampling*. Instrumen yang digunakan adalah modul pembelajaran dan soal MCQ. Data yang diperoleh diolah secara statistik dengan menggunakan uji *mann whitney*.

Hasil: Berdasarkan hasil analisa data dari 28 responden penelitian, sebagian besar berusia 19 tahun sebanyak 15 responden (53,6%). Dari hasil uji diiperoleh mean kelompok eksperimen sebesar 85,71 sedangkan mean kelompok kontrol sebesar 60,71. Hasil uji bivariat kemampuan kognitif didapatkan nilai *p value* 0,013.

Kesimpulan: Ada pengaruh penggunaan model *cooperative learning* tipe *jigsaw* terhadap kemampuan kognitif mahasiswa S1 semester I di FIK Unissula.

Kata Kunci : *Cooperative Learning, Jigsaw, Kemampuan Kognitif*

Daftar Pustaka : 55 (2005-2019)

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ABSTRACT

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The Effect of Jigsaw Cooperative Learning Model on Student Cognitive Ability in Faculty of Nursing Science Sultan Agung Islamic University Semarang

65 pages + 11 tables + 3 pictures + 13 attachments + xvi

Background: Higher education learning models in Indonesia are now better developed than conventional learning models. Cooperative learning is a type of jigsaw one of the places where students focus on training that is developed to build effective communication in groups. With this model, will improve cognitive abilities or critical thinking in problem solving. The purpose of this research to identify the effect of Jigsaw type cooperative learning models on cognitive abilities in students.

Method: This research is a type of pre-experimental quantitative research with a post-test only with control group design approach. The number of respondents was 28, S1 first semester students with simple random sampling technique. The instrument used was the learning module and MCQ questions. The data obtained were processed statistically using the mann whitney test.

Result: Based on the results of data analysis of 28 research respondents, most were 19 years old totaling 15 respondents (53.6%). From the test results obtained the experimental group mean of 85.71 while the control group mean of 60.71. The results of the bivariate cognitive abilities test showed a p value of 0.013.

Conclusion: There is an influence of the use of the Jigsaw cooperative learning model on the cognitive abilities of first semester S1 students at FIK Unissula.

Keywords : Cooperative Learning, Jigsaw, Cognitive Abilities

Bibliographies : 55 (2005-2019)