

Umami Lailatul Azizah. 2022. *Penerapan Model Pembelajaran ADI terhadap Keterampilan Argumentasi dan Self-efficacy Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Wiwin Puspita Hadi, S.Pd., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbedaan keterampilan argumentasi dan *self-efficacy* siswa sebelum dan setelah penerapan model pembelajaran *Argument Drivent Inquiry* (ADI). Metode penelitian yang digunakan adalah *Pre-eksperimen* dengan tipe *One Grup Pretest-posttest Design* yang dilaksanakan di SMP Al-Hamidiyah Blega Tahun Ajaran 2021/2022. Teknik pengumpulan data dilakukan dengan tes, angket, observasi keterlaksanaan, dan dokumentasi. Uji Hipotesis menggunakan uji *paired sample t-test*. Hasil penelitian menunjukkan bahwa: 1) Terdapat perbedaan hasil dari penerapan model pembelajaran ADI terhadap keterampilan argumentasi dengan nilai signifikansi $0,000 < 0,05$ maka H_0 ditolak dan H_1 diterima, 2) Terdapat perbedaan hasil dari penerapan model pembelajaran ADI terhadap *self efficacy* dengan nilai signifikansi $0,000 < 0,05$ maka H_0 ditolak dan H_1 diterima, 3) Tanggapan siswa terhadap penerapan model pembelajaran model ADI sangat baik diperoleh dari skor angket respons siswa dengan nilai rata-rata 84,15, 4) Keterlaksanaan penerapan model pembelajaran ADI memperoleh skor 88% dengan kategori baik.

Kata Kunci: Keterampilan Argumentasi, Model Pembelajaran ADI, Materi Pemanasan Global, *Self-efficacy*.

Umami Lailatul Azizah. 2022. *Application of the ADI Learning Model to Students' Argumentation and Self-Efficacy Skills*. Thesis, Natural Science Education, Education Faculty, University of Trunojoyo Madura. Advisor: Wiwin Puspita Hadi, S.Pd., M.Pd.

ABSTRACT

This study aims to determine the differences in argumentation skills and students' self-efficacy before and after the application of the Argument Driven Inquiry (ADI) learning model. The research method used was Pre-experiment with the type of One Group Pretest-posttest Design which was carried out at Al-Hamidiyah Junior High School Bangkalan for the 2021/2022. Data collection techniques were carried out by tests, questionnaires, implementation observations, and documentation. Academic Year. Hypothesis testing using paired sample t-test. The results showed that: 1) There were differences in the results of applying the ADI learning model to argumentation skills with a significance value of $0.000 < 0.05$, so H_0 was rejected and H_1 was accepted,. 2) There are differences in the results of the application of the ADI learning model on self-efficacy with a significance value of $0.000 < 0.05$, so H_0 is rejected and H_1 is accepted,. 3) The students' responses to the application of the ADI learning model were very good, obtained from the student response questionnaire scores with an average value of 84.15, 4) The implementation of the ADI learning model got a score of 88% in the good category.

Keywords: *Argumentation Skills, ADI Learning Model, Global Warming Material, Self-Efficacy.*