

Khusnul Hotimah. 2022. *Analisis Kemampuan Multirepresentasi Siswa pada Materi Pesawat Sederhana ditinjau Aspek Adversity Quotient*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Wiwin Puspita Hadi, S.Si., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kemampuan multirepresentasi siswa pada materi pesawat sederhana ditinjau dari aspek *adversity quotient*. Metode penelitian yang digunakan adalah metode campuran (*mix method*) dengan desain *sequential explanatory design*. Subjek penelitian ini adalah siswa kelas VIII G UPTD SMP Negeri 2 Bangkalan. Instrumen penelitian yang digunakan adalah tes kemampuan multirepresentasi, angket *adversity quotient*, dan pedoman wawancara. Hasil dari penelitian ini yaitu: 1) kemampuan multirepresentasi kategori tinggi terdiri dari 4 siswa, kategori sedang terdiri dari 22 siswa, dan kategori rendah terdiri dari 4 siswa dengan rata-rata nilai tes sebesar 58,33, 2) terdapat 12 siswa dengan tipe *adversity quotient climber*, 18 siswa dengan tipe *adversity quotient camper*, dan tidak ada siswa pada tipe *adversity quotient quitter* dengan rata-rata keseluruhan skor sebesar 133, 3) Siswa dengan tipe *adversity quotient climber* belum tentu memiliki kemampuan multirepresentasi yang tinggi.

Kata Kunci: *Adversity Quotient*, Kemampuan Multirepresentasi, Pesawat Sederhana

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ABSTRACT

This study aims to determine the multi-representation ability of students on simple machine material in terms of the adversity quotient aspect. The research method used is a mixed method with a sequential explanatory design. The subjects of this study were students of class VIII G UPTD SMP Negeri 2 Bangkalan. The research instruments used were multi-representation ability tests, adversity quotient questionnaires, and interview guidelines. The results of this study are: 1) the high category of multi-representation ability consists of 4 students, the medium category consists of 22 students, and the low category consists of 4 students with an average of test scores of 58.33, 2) there are 12 students with adversity quotient climber type, 18 students with adversity quotient camper type, and no students in adversity quotient quitter type with an overall average score of 133, 3) Students with adversity quotient climber type do not necessarily have high multi-representation abilities.

Kata Kunci: *Adversity Quotient*, Multi-representation Ability, Simple Machine