

ABSTRACT

Wahyuni Sini, 411421102. "Analysis of Proportional Reasoning Ability of Students with a Field Independent Learning Style in Solving Direct and Inverse Proportion Problems in Grade VII of SMP Negeri 1 Botupingge."

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This study aims to describe the proportional reasoning abilities of junior high school students in solving direct and inverse proportion problems from a field-independent (FI) learning style perspective. The study employed a descriptive, qualitative approach. Data were collected through proportional reasoning tests and interviews. The subjects consisted of six Grade VII students of SMP Negeri 1 Botupingge in the 2025/2026 academic year, who were selected purposively based on high, moderate, and low ability levels and having a tendency toward a field-independent learning style. The data were analyzed qualitatively by focusing on indicators of covariational reasoning, relative thinking, and conceptual justification. The results showed that students with high ability demonstrated strong and consistent proportional reasoning across almost all indicators. Students with moderate ability were able to solve problems procedurally; however, their conceptual understanding was not yet stable. Meanwhile, students with low ability had not mastered proportional reasoning and tended to solve problems mechanically without understanding the relationships among quantities. These findings indicate that a field-independent tendency is associated with variations in students' proportional reasoning abilities, and students with moderate and low abilities require more structured instructional intervention.

Keywords: proportional reasoning, proportion, field independent, student ability, qualitative.

LEMBAR PENGESAHAN SKRIPSI

Skripsi yang berjudul "Analisis Kemampuan Penalaran Proporsional Siswa Dengan Gaya Belajar *Field Independent* Dalam Menyelesaikan Soal Perbandingan Senilai Dan Berbalik Nilai Di Kelas VII SMP Negeri 1 Botupingge"

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Telah dipertahankan di depan pembimbing dan dewan penguji

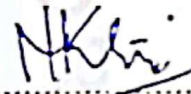
Hari/Tanggal : Senin, 05 Januari 2026

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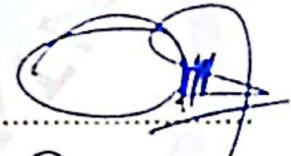
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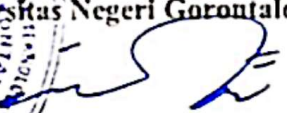
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