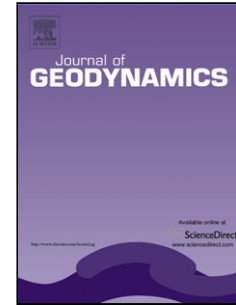


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Determining seismotectonic provinces based on seismicity coefficients in Iran

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## Abstract

Various seismotectonic province maps were made in Iran by different researchers having different perspectives long ago. The difference in these perspectives has led to differences among the maps in numbers and forms of the seismotectonic provinces.

As a primary hypothesis, seismicity coefficients such as a and b values in the Gutenberg-Richter equation must be separately constant in a seismotectonic province. The main objective of this research is to prepare a seismotectonic province map based on seismicity coefficients.

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