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# Seismic strain in the tectonic transfert zone between the western Alps and the Rhône Valley

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## Résumé

With this study, we want to see how the transfer of active tectonics is translated from the Western Alps to the Rhone Valley and the alpine foreland in terms of stresses and seismic deformations. The Rhone Valley, however, remains poorly resolved in seismic datas (e.g. only few focal mechanisms). It is why we try to use a new method of strain rate calculation adapted to our area : to combine the total energy obtained with a statistical integration of a Gutenberg-Richter distribution with an average mechanism calculated from a stress inversion. We finally compare our results with those obtained by geodesy.

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