

## ***Interactive comment on “Earth’s rotation variations and earthquakes 2010–2011” by L. Ostřihanský***

**T. Gerya (Editor)**

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Dear Dr. Ostřihanský, I have now three independent peer-reviews for your paper. All of them indicate that in its present form your MS is not suitable for the publication in SE for both scientific and technical reasons. Correlation between seismic activity and LOD has been proposed before. Your paper contains new interesting statistics and correlations but in-depth physical reasons for these correlations remain uncertain and main conclusions made in the paper are not supported by state of the art physical analyses including stress calculations. Also, the way how paper is written makes it difficult to understand (detailed comments for necessary technical improvements are provided by the reviewers). In conclusion, although I found your ideas and statistical analyses interesting, I have to reject your paper in its present form. I hope that detailed

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comments provided by the reviewers will be useful for your future research. With my best wishes, Taras Gerya

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Interactive comment on Solid Earth Discuss., 4, 33, 2012.

**SED**

4, C51–C52, 2012

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