



A new version of "Boxer" code for the determination of seismic source parameters from macroseismic data.

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About ten years after the first release of the code we implemented new methods of epicentral location and magnitude computation as well as a procedure for the evaluation of uncertainties by the bootstrap technique. We also developed a user-friendly interface for parameter setup and graphical post-processing of the results. The improved code allows to locating epicenters in the sea or in uninhabited areas by minimizing the norm of the residuals of an attenuation equation. The same approach also permits, in the most favorable cases, the estimation of the source depth. By the geographical rendering of the bootstrap solutions we give a tool for characterizing the possible multiplicity of the seismic source of historical earthquakes.