

**Estimation of the tapered Gutenberg-Richter distribution parameters
for catalogs with variable completeness: an application to the Atlantic
ridge seismicity**

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Supplementary Material

In this Supplementary Material, we show two figures, S1 and S2, that represent the estimation of the tapered Gutenberg-Richter parameters using the completeness thresholds of 5.6 (from 1980) and 5.1 (from 2004) for S1, and 5.7 (from 1980) and 5.2 (from 2004) for S2.

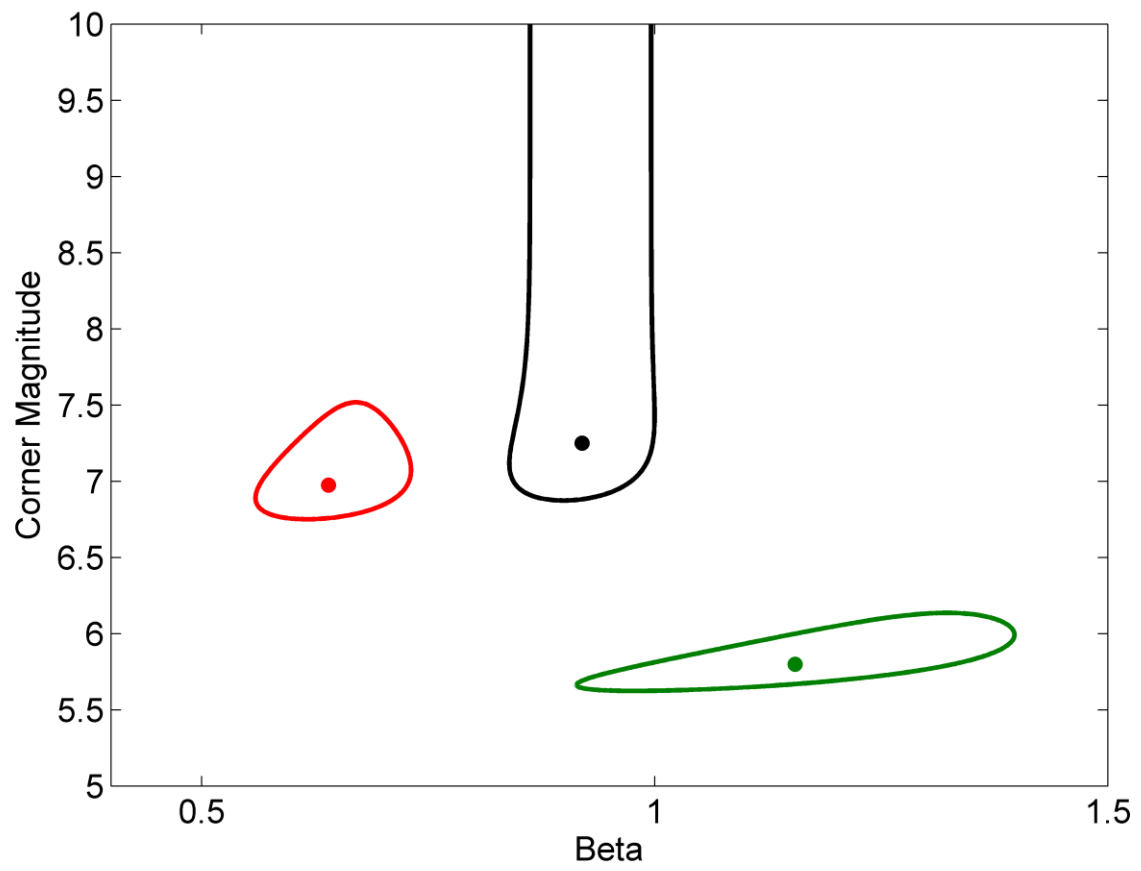


Figure S1: 95% confidence region estimation (curves) and MLE (dots) for the whole catalog (black), strike-slip events (red), and normal events (green) (completeness thresholds +0.1).

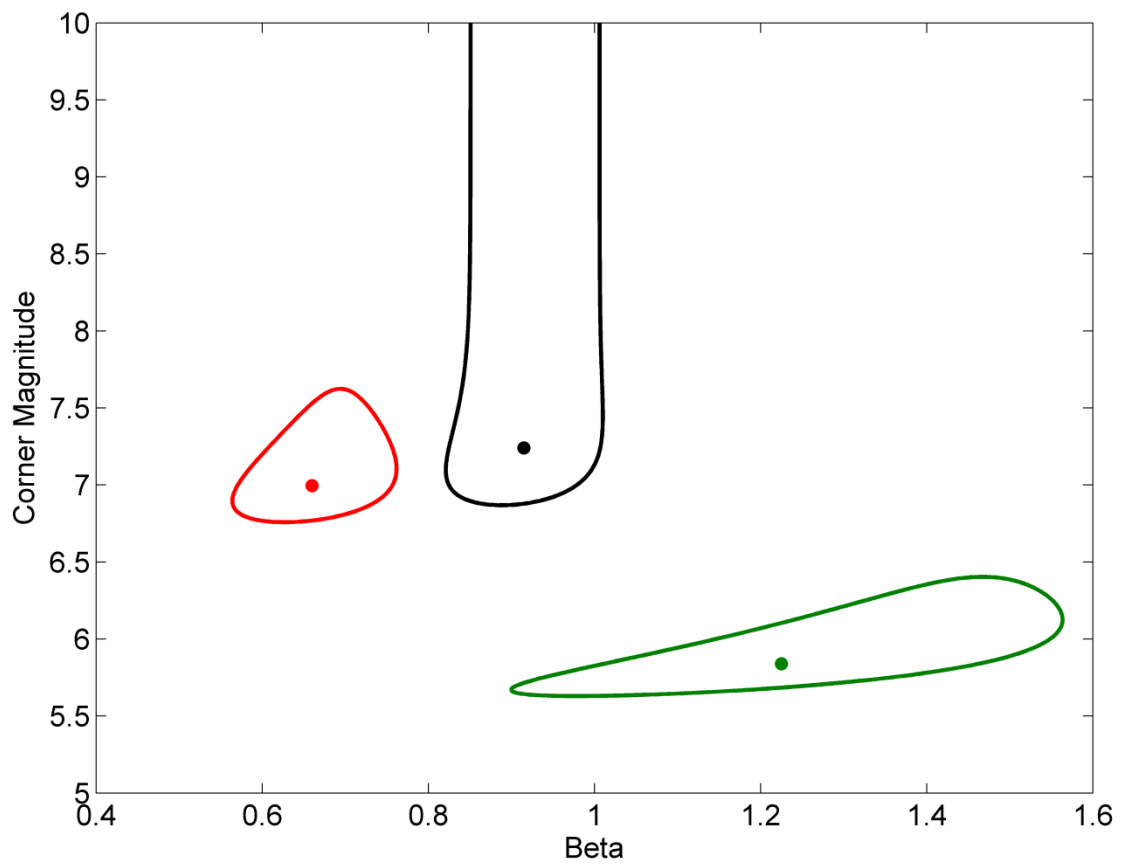


Figure S2: 95% confidence region estimation (curves) and MLE (dots) for the whole catalog (black), strike-slip events (red), and normal events (green) (completeness thresholds +0.2).