

Section 3 of Electronic Supplement

to

Displacement and Geometrical Characteristics of Earthquake Surface Ruptures: Issues and Implications for Seismic Hazard Analysis and the Process of Earthquake Rupture.

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Curve Fits to Digitized Slip Distributions

Digitized surface slip distributions of earthquakes listed in Table 1 and curve-fits to those distributions are arranged in reverse chronological order. The name and date of each earthquake are labeled on vertical axis of each plot. Type of curve-fit is labeled and discussed in main text and caption to Figure 9 of main text. Position of epicenter with respect to fault strike is when available labeled and indicated by downward pointing arrow. Integration of the digitized values of surface slip allows definition of a point where half the cumulative slip falls on either side. That value is defined for each slip distribution (value in circle) by the distance in km to nearest fault endpoint. Values in parentheses are distances in km of nearest fault endpoint of peak of the asymmetric sine and ellipse curves.









