

1868 Revised Intensities

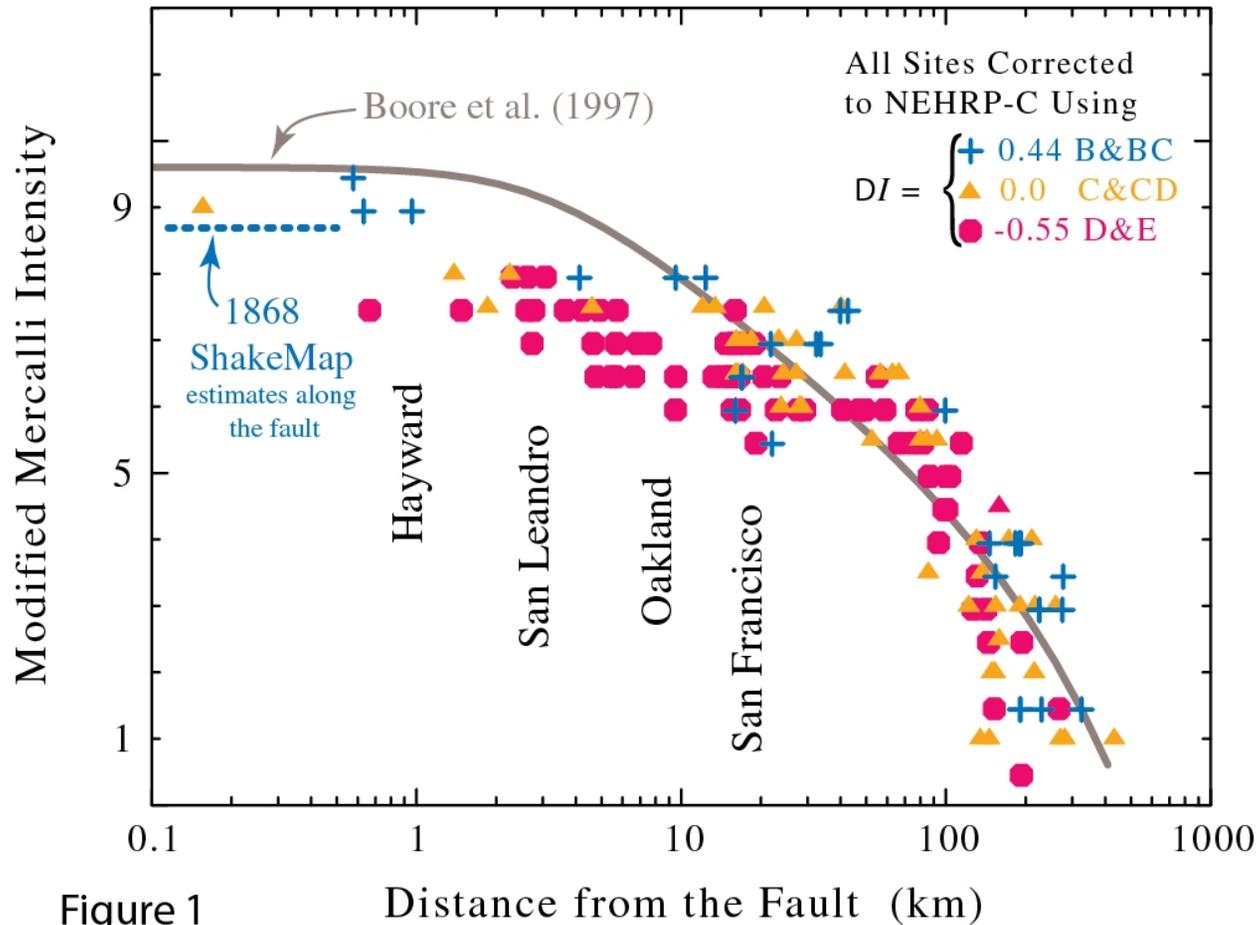


Figure 1. The Modified Mercalli Intensities for 167 sites plotted as a function of the Joyner-Boore distance from the fault trace (Joyner and Boore, 1979). The intensities are corrected for soil-type before plotting: the NEHRP site class is determined from the Wills et al. (2003) geologic map of California. We have combined NEHRP-B and BC sites into a soft-rock class, NEHRP-C and CD sites into a soil class, and NEHRP-D and E sites into a soft-soil class. The intensity shifts for these aggregate soil/rock classes are obtained by averaging the residuals relative to C & CD sites for the 1906 earthquake (see Boatwright and Bundock, 2005). These shifts are written in the upper left hand corner of the plot.