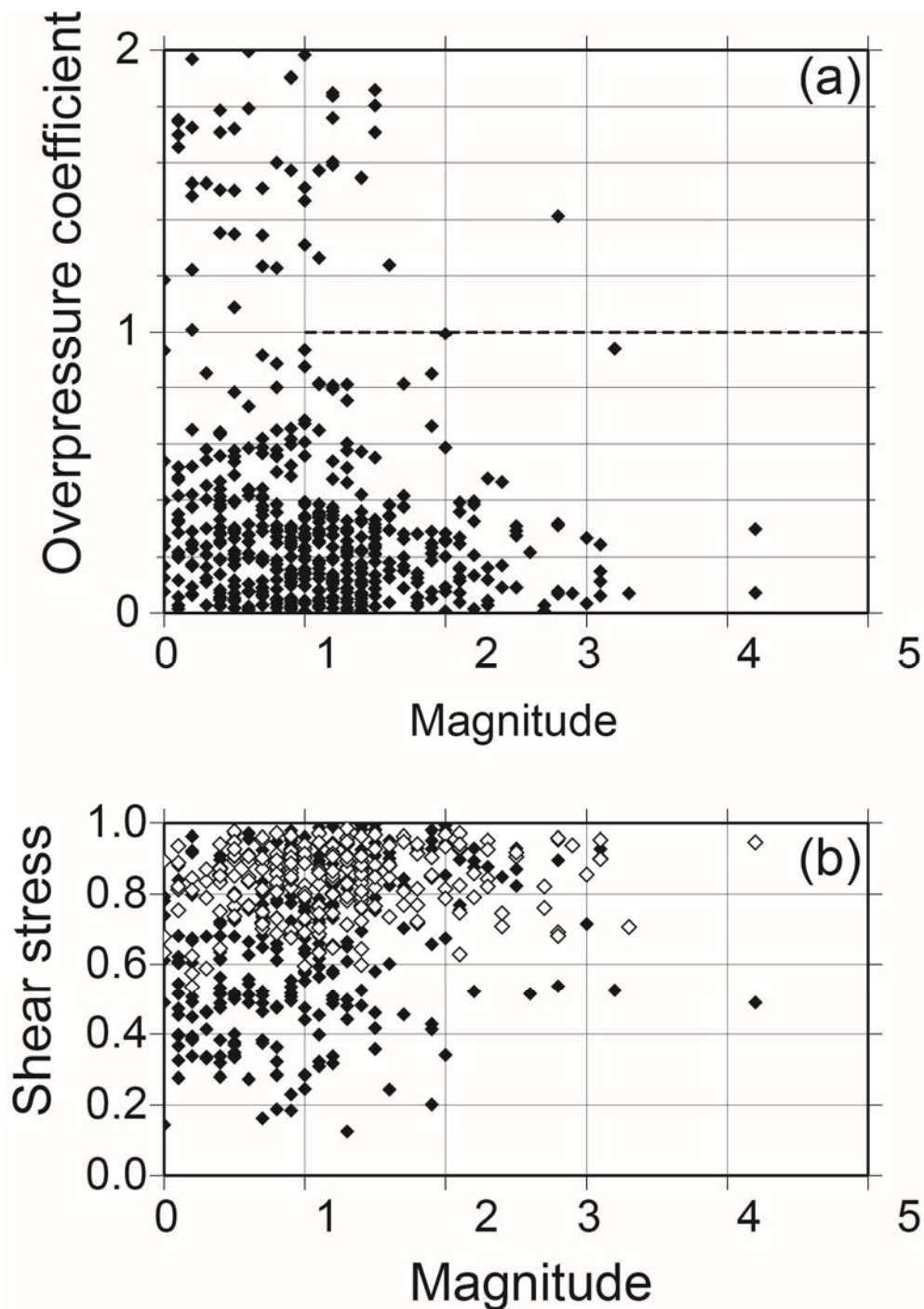




- 1
- 2 Additional file 2: Roles of pore-fluid pressure and tectonic stress in earthquake
- 3 generation. (a) Relationship between event magnitudes and pore-fluid pressures
- 4 activating the events. The vertical axis denotes the overpressure coefficient C (see text).
- 5 (b) Relationship between event magnitudes and shear stress acting on fault planes. The
- 6 vertical axis shows shear stress normalized by the maximum shear stress at the
- 7 hypocentral depth. Open diamonds denote seismic events triggered by pore-fluid

8 pressures with $C < 0.2$ (near hydrostatic pressures). Note that we did not use events
9 with $M < 1$ for estimating the 3-D pore-fluid pressure field.