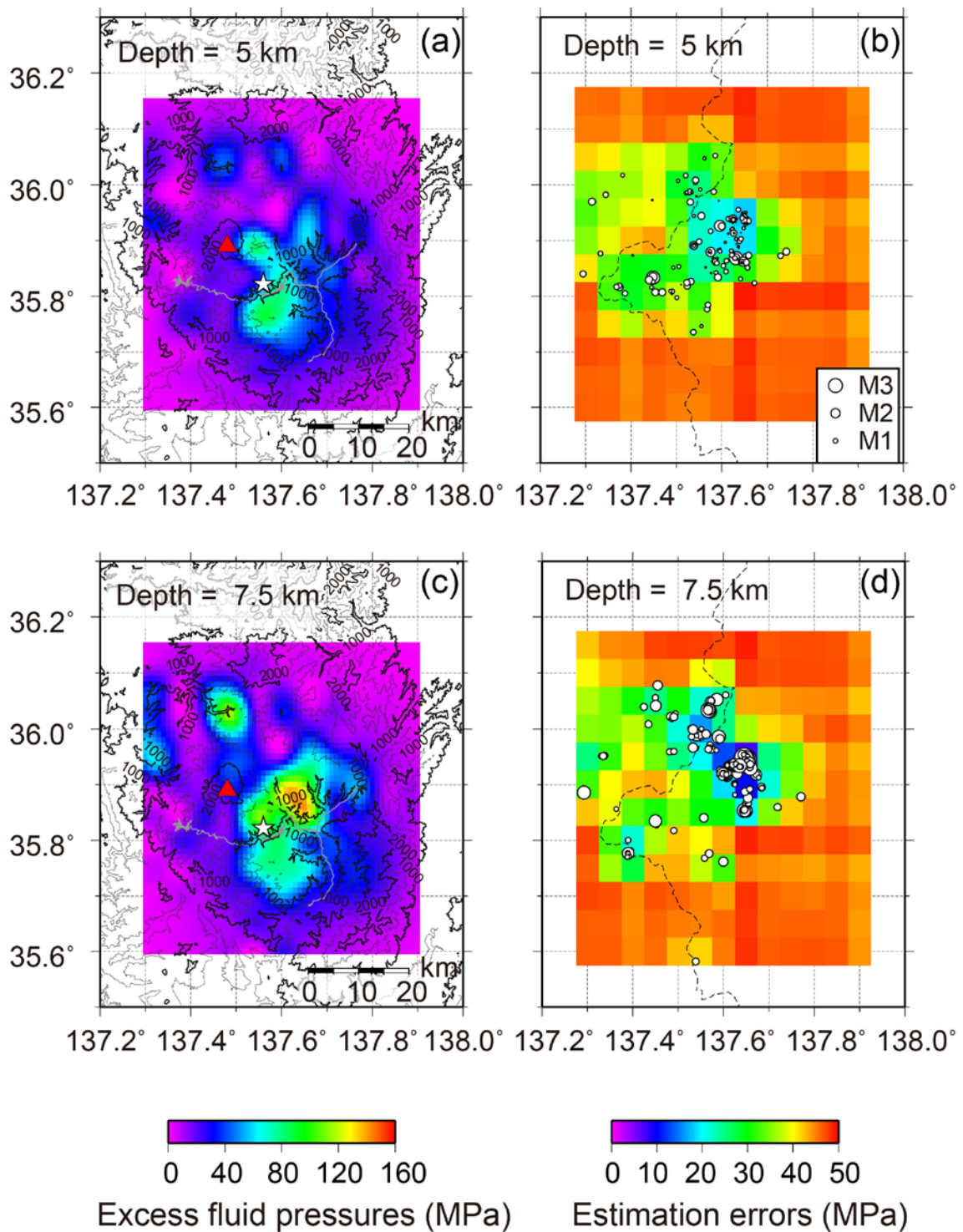




Additional file 1: The 3-D pore-fluid pressure field around Mt. Ontake estimated in Terakawa et al. (2013). (a) Pore-fluid pressures at a depth of 5 km. (b) Estimation errors of pore-fluid pressures at a death of 5 km. (c) Pore-fluid pressures at a death of 7.5 km. (d) Estimation errors of pore-fluid pressures at a death of 7.5 km. The pore-fluid pressure fields are superposed on the topographic map in (a) and (c). The white circles

- 7 in (b) and (d) denote the data used in the FMT analysis within 1.25 km from the
8 horizontal plane at 5 and 7.5 km, respectively. The red triangle indicates Mt. Ontake.
9 The white star denotes the epicenter of the 1984 Western Nagano prefecture earthquake.