Additional file 2 for

**Toward comparable relative locations between the mainshock slip and aftershocks via empirical approaches**

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In Additional file 2:

Figures S1 to S5
Figure S1: Slip inversion for the Bengkulu Earthquake using EGF1.

(a) Observed (black) and calculated (red) velocity waveforms via slip inversion of the Bengkulu Earthquake using EGF1 (05 Mar 2010, $M_w$ 6.7), (b) station distribution for the data used in the slip inversion, and (c) spatiotemporal slip distribution for each 20-s interval. Blue, green, and pink triangles in (b) represent the stations where the P, SH, or both P and SH phases were used in the inversion, respectively. Blue stars in (b) and (c) mark the hypocenter of the Bengkulu Earthquake in the ISC catalog (International Seismological Centre 2019), and green stars in (c) represent the relocated centroids of the EGF event.
Figure S2: Slip inversion for the Bengkulu Earthquake using EGF2.
As in Fig. S1, but using EGF2 (05 May 2010, $M_W$ 6.5).
Figure S3: Slip inversion for the Bengkulu Earthquake using EGF3.
As in Fig. S1, but using EGF3 (24 Oct 2007, $M_W$ 6.8).
Figure S4: Slip inversion for the Bengkulu Earthquake using EGF5.
As in Fig. S1, but using EGF5 (16 Jan 2001, $M_W$ 6.8).
Figure S5: Slip inversion for the Bengkulu Earthquake using EGF6.
As in Fig. S1, but using EGF6 (22 Nov 2008, $M_w$ 6.3).
References
International Seismological Centre (2019) On-line Bulletin. Thatcham, United Kingdom