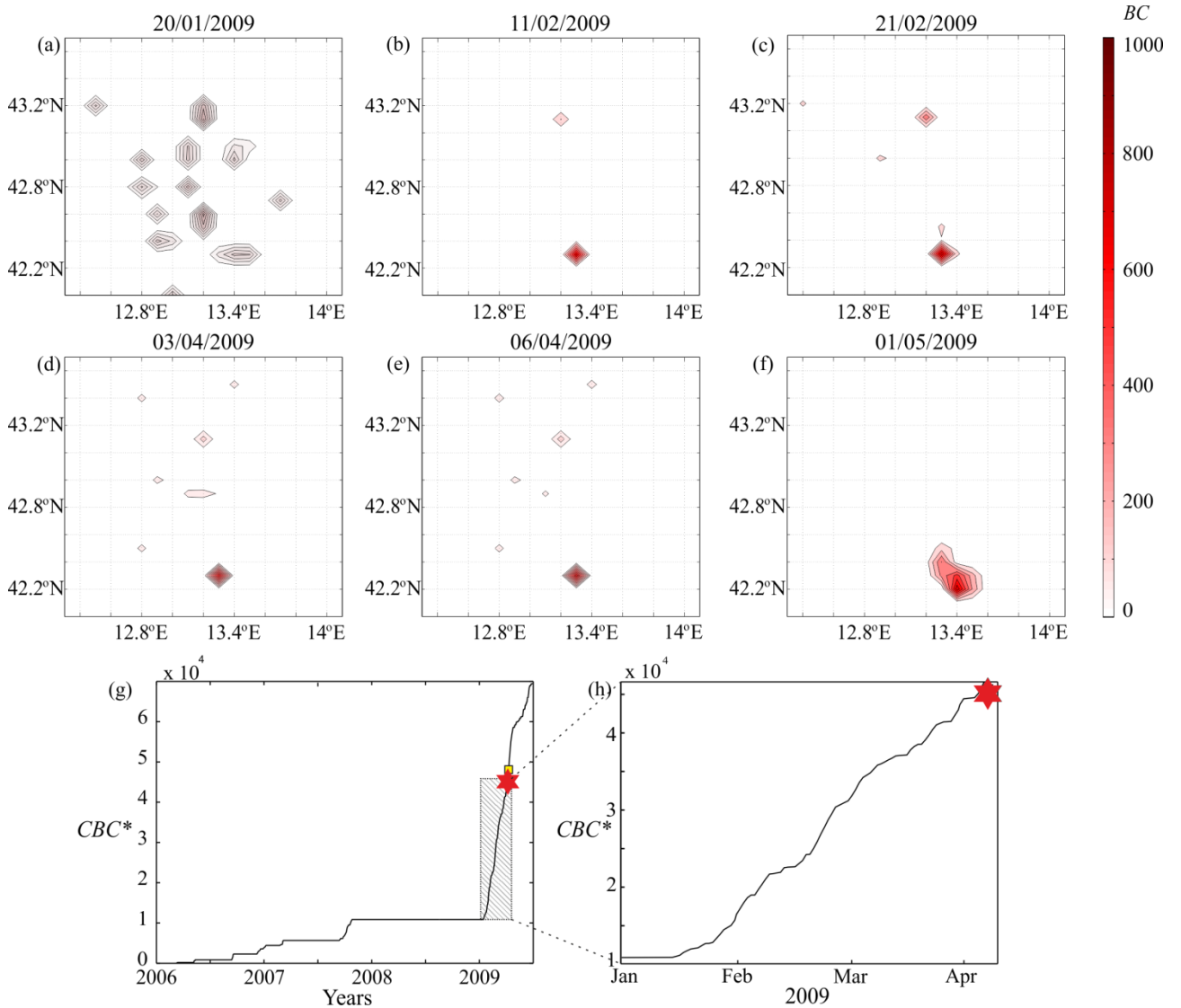


## Supplementary Material



**Figure S1.** Betweenness Centrality ( $BC$ ) computations in the space-window centered at 42.00°N, 13.30°E (off the center of the epicenter) with radius  $R_1 = 1^\circ$ . The mainshock occurred on April 6<sup>th</sup>, 2009 (red star): (a-i) snapshots of the  $BC$  maps for each cell from 20.01.2009 to 01.05.2009; (a-e)  $BC$  maps before the mainshock. (f) Cumulative  $BC$  computed at the mainshock cell ( $CBC^*$ ) from 01.01.2006 to 30.06.2009 (g), from 01.01.2009 to 06.04.2009 (h).