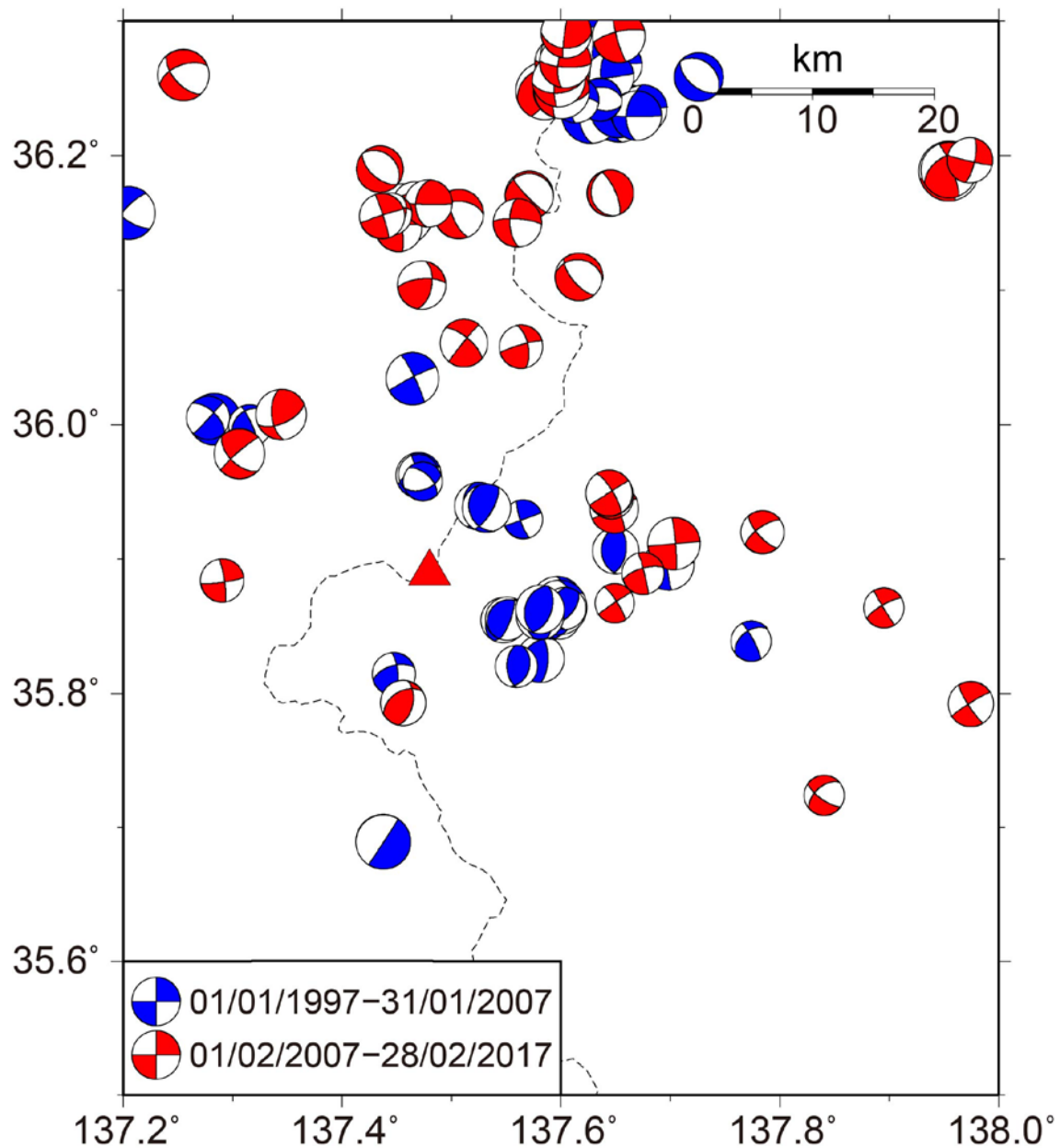




Additional file 3: The CMT data of seismicity listed in the F-net seismic moment tensor catalogue (Jan. 1997-Feb. 2017). The CMT data are plotted using a lower-hemisphere stereographic projection of focal spheres. The blue and red focal spheres are data during the period of January 1997 to January 2007 (the first data period), and February 2007 to February 2017, respectively. The CMT data in the first period are included in the dataset to estimate the 3-D tectonic stress field in and around Japan (Terakawa and Matsu'ura 2010).