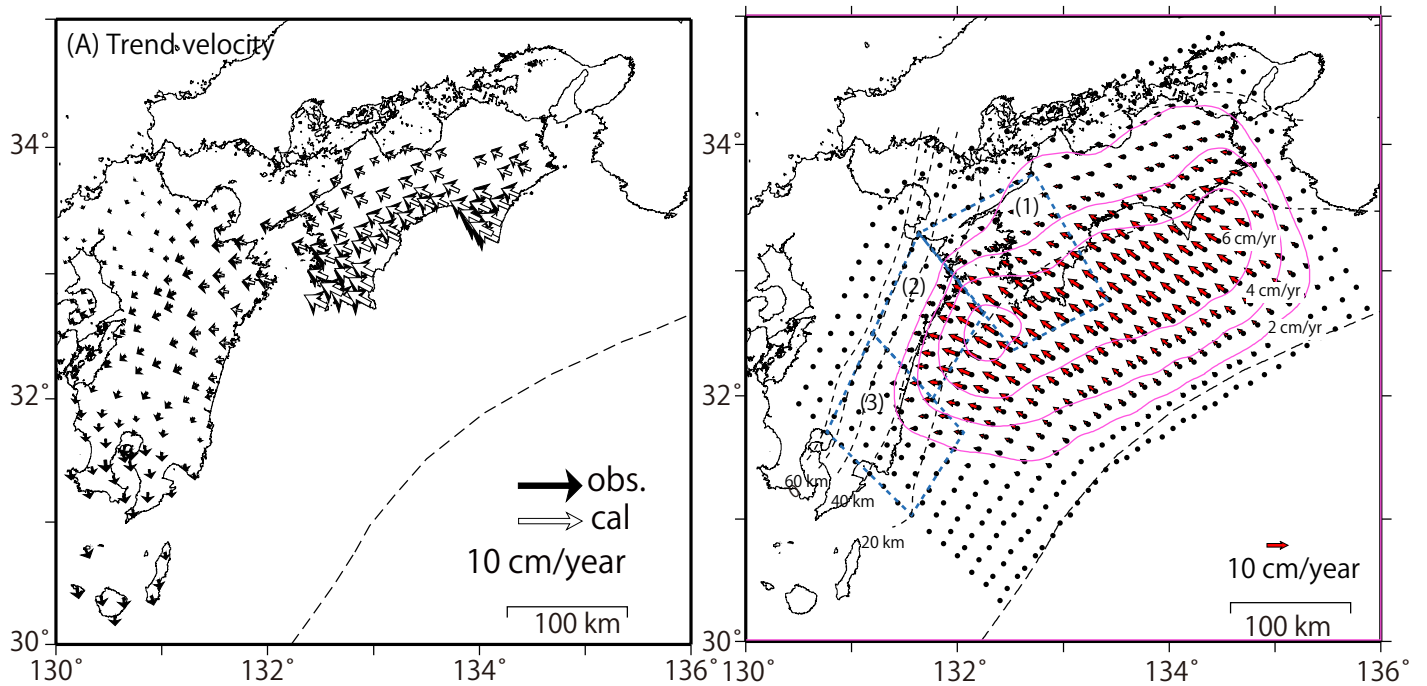




Additional file 5. (A) Trend velocity estimated for the period between January 2012 and March 2013. Black and white arrows indicate observation and computation values, respectively. (B) Slip deficit rates (red arrows) estimated by applying the method of Yabuki and Matsu'ura (1992) to the data in (A). Purple contour indicates slip magnitude with contour interval of 2 cm/year. Broken lines indicate the iso-depth contours of the upper surface of the Philippine Sea plate with a contour interval of 20 km.