## Epicenters of Recently Shallow M6 Earthquakes in Eastern Taiwan, Mapped by b-values

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We have investigated the spatial *b*-value variations before five mainshock events occurred in the eastern Taiwan region from 2003 to 2009 with  $M_{\rm L} \ge 6.0$  and focal depths less than 20 km. The spatial distributions of *b* values for estimating periods from 1994 and one year before to the occurrence of five study earthquakes demonstrate that the epicenters are located at the relatively low *b* value regions for both two estimating periods except for the event 4, which may be the aftershock of the event 1. This resulting spatial relation between the epicenters and the *b*-value variations in the Taiwan region agree with that of the other seismogenic zones. We propose that this relation may offer a spatial constraint for the future earthquake forecasting in the Taiwan region.