Strong Ground Motions (NIED K-NET and KiK-net data)

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The observed PGAs were substantially larger than the estimated values at 60–100 km. Most observed PGVs were slightly smaller than the estimated values.

* Hypocentral distance is shown in the horizontal axis (not the shortest distance to the fault).

* Interplate earthquake is assumed for the estimations.

 $\,$ $\!$ Estimated values beyond 100 km (dashed line) are shown as reference values.



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Acknowledgements:

I used K-NET and KiK-net strong-motion data provided by the National Research Institute for Earth Science and Disaster Resilience; NIED), Japan

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Velocity response spectra were calculated using the subroutine program developed by Osaki (1994).

Figures were prepared by using the Generic Mapping Tools (GMT: Wessel and Smith, 1998).