

This dataset contains:

- geodetic data from the 2016 Central Tottori, Japan, earthquake, as well as other files required by the slip inversion code, slipBERI
- a script that creates the structures required for the slip inversion code, slipBERI
- model runs, showing the slip inversion solutions as seen in the associated PhD thesis and Amey et al. (see below)

The GPS and GNSS data are provided by a cooperative research contract between GSI and JAXA.

<http://www.gsi.go.jp/ENGLISH/>

<http://global.jaxa.jp/>

The slip inversion solutions and full description of the method are described in this paper (in revision at time of dataset creation, so the final models in the paper may be slightly different to those in the associated PhD thesis):

Amey, R.M.J., Hooper, A. and Morishita, Y. Going to Any Lengths: Solving for Fault Size and Fractal Slip for the 2016, Mw 6.2 Central Tottori Earthquake, Japan, using a Trans-dimensional Inversion Scheme, *Journal of Geophysical Research: Solid Earth*