

## **Fault slip data**

This type of data is for single faults for which the attitude and primary sense of slip is known, but as described in Montone et al. (2004), we do not include faults for which focal mechanisms are available. Then, active faults for which focal plane solutions are available have been included in the focal mechanism category.

The strike, dip and slip of active faults were used to compute  $S_{\text{hmin}}$  orientation in a similar way as done for focal mechanisms. The  $S_{\text{hmin}}$  orientation was assumed perpendicular to the fault strike for normal faults with unknown slip. As suggested by the [WSM guidelines](#), all fault data are of C quality.

[WSM guidelines](#), see §2.2.

Montone P., Mariucci M.T., Pondrelli S., Amato A. (2004). An improved stress map for Italy and surrounding regions (central Mediterranean), *J. Geophys. Res.*, **109**, B10410, doi:10.1029/2003JB002703.