

# Model data description

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**Slipsub.dat**      Is the subfault slip data file obtained by inversion.

**Slipsub.par**      Is a subfault parameter file.

**Subfault.pos**     Is a subfault geometry file.

**Slip\_0.inp**        Is a Coulomb 3 format file.

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## Slipsub.dat

Format	<u><i>Xlon(°)</i></u>	<u><i>Ylat (°)</i></u>	<u><i>Depth(km)</i></u>	<u><i>Slip(cm)</i></u>	<u><i>Rake(°)</i></u>	<u><i>Time(sec)</i></u>	<u><i>Rise(sec)</i></u>	<u><i>J</i></u>	<u><i>K</i></u>	<u><i>KF</i></u>
Description	Xlon	Longitude of center of the subfault.								
	Ylat	Latitude of center of the subfault.								
	Depth	Depth of center of the subfault.								
	Slip	Slip value of the subfault.								
	Rake	Rake angle of the slip on the subfault.								
	Time	Rupture time of the subfault.								
	Rise	The rise time of the subfault rupture, the half width of source time function (triangle).								
	J	No. of the subfault along dip-direction.								
	K	No. of the subfault along strike-direction.								
	KF	No. of the fault.								

## Slipsub.par

Format	<u><i>J</i></u>	<u><i>K</i></u>	<u><i>KF</i></u>	<u><i>Dx(km)</i></u>	<u><i>Dy(km)</i></u>	<u><i>Dip(°)</i></u>	<u><i>Azs(°)</i></u>
Description	J	No. of the subfault along dip-direction.					
	K	No. of the subfault along strike-direction.					
	KF	No. of the fault.					
	Dx	Length of the subfault along strike-direction.					
	Dy	Length of the subfault along dip-direction.					
	Dip	Dip angle of the subfault.					
	Azs	Azimuth (strike-direction) of the subfault.					

## SubFault.pos    格式:

Format			Description
<u><i>J</i></u>	<u><i>K</i></u>	<u><i>KF</i></u>	No. of the subfault along dip-direction, strike-direction and No. of the fault.
<u><i>Xlon(°)</i></u>	<u><i>Ylat (°)</i></u>	<u><i>Depth(km)</i></u>	Longitude, Latitude and Depth of the Upper left corner of the subfault.
<u><i>Xlon(°)</i></u>	<u><i>Ylat (°)</i></u>	<u><i>Depth(km)</i></u>	Longitude, Latitude and Depth of the Upper right corner of the subfault.
<u><i>Xlon(°)</i></u>	<u><i>Ylat (°)</i></u>	<u><i>Depth(km)</i></u>	Longitude, Latitude and Depth of the Low right corner of the subfault.
<u><i>Xlon(°)</i></u>	<u><i>Ylat (°)</i></u>	<u><i>Depth(km)</i></u>	Longitude, Latitude and Depth of the Low left corner of the subfault.

