Supplementary Materials

The supplement contains 6 figures (Figure S1-S6). Figure S1 shows the LOS deformation velocity from November 2014 to July 2021 of ascending data without removing ramps. Figure S2 and S3 show the uniform downsampling data of ascending tracks and descending tracks, respectively. Figure S4 shows the quadtree downsampling data of ascending tracks. Figure S5 and Figure S6 shows the best-fitting modeling results of the mixed model for each ascending track and descending track, respectively.

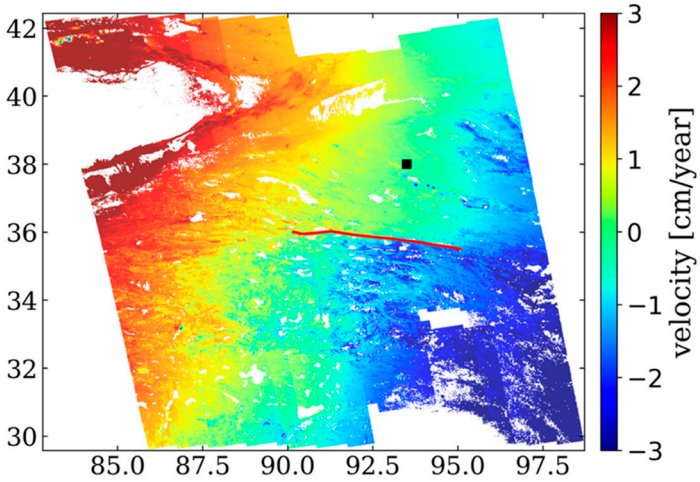


Figure S1. LOS deformation velocity from November 2014 to July 2021 of ascending data without removing ramps. The black square: reference point; The red line: coseismic fault of Kokoxili earthquake.

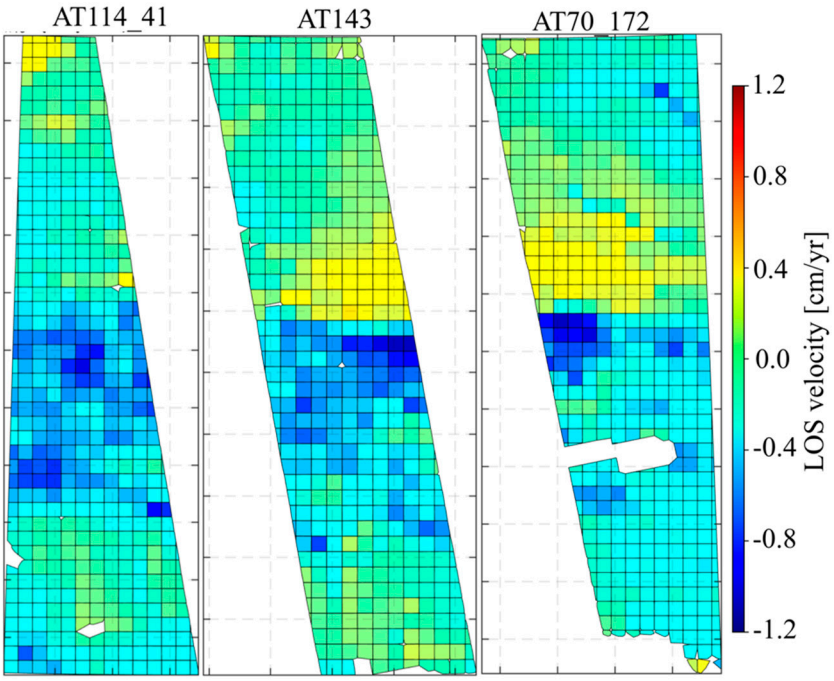


Figure S2. Uniform downsampling data used for modelling of ascending tracks.

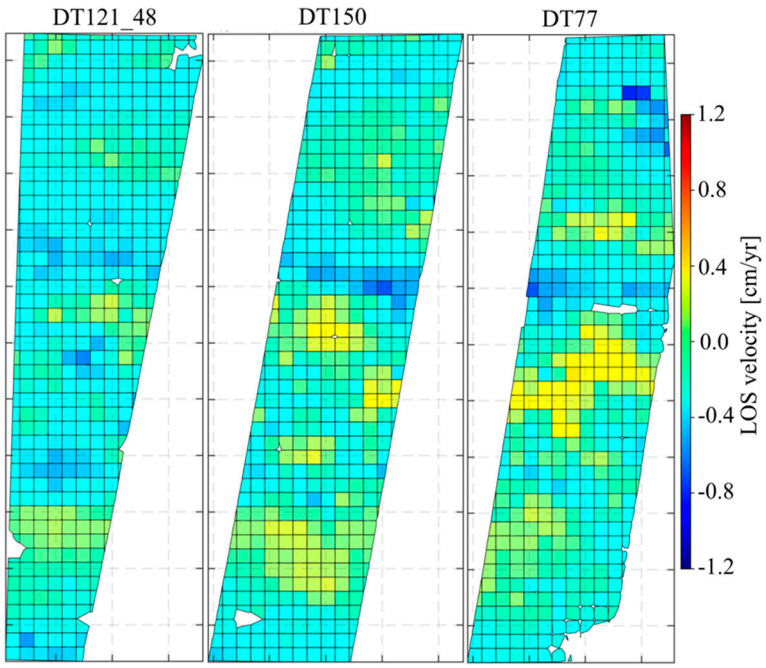


Figure S3. Uniform downsampling data used for modelling of descending tracks.

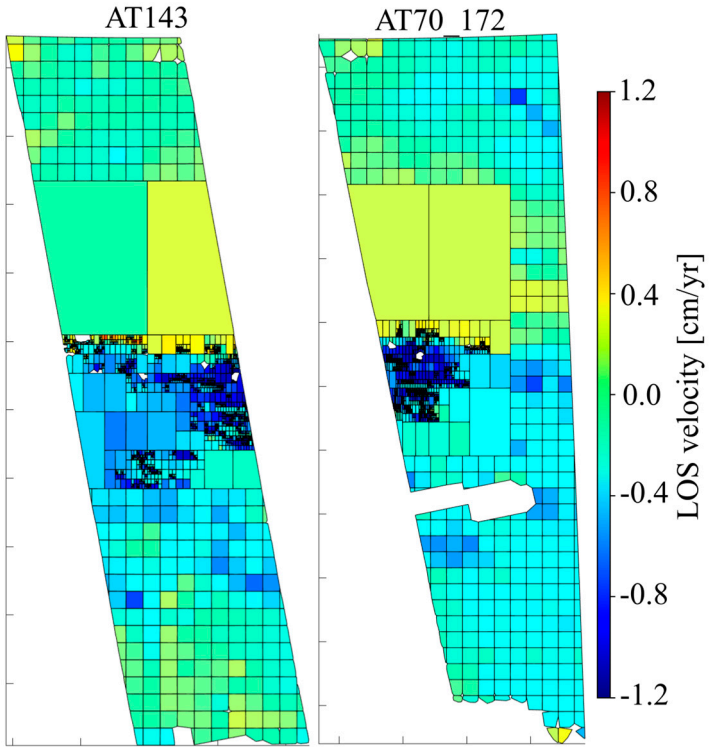


Figure S4. Quadtree downsampling data of ascending tracks.

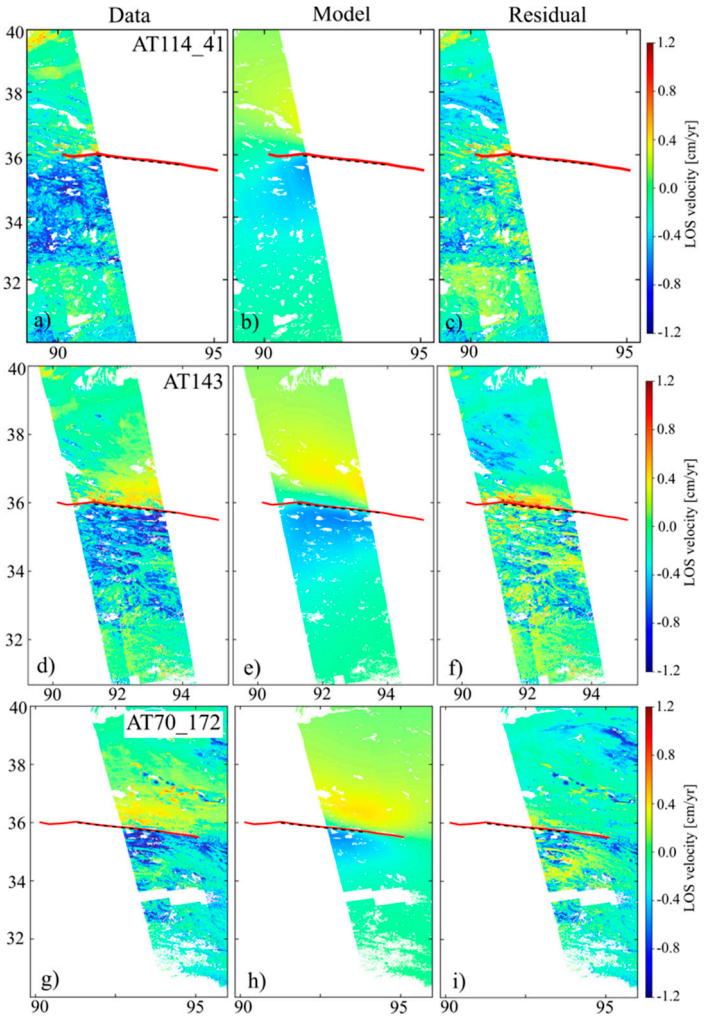


Figure S5. Best-fitting modeling results of the mixed model for ascending track 114_41, 143 and 70_172, respectively. The red line: coseismic fault. The black dashed line: surface projection of best-fitting buried elastic dislocation.

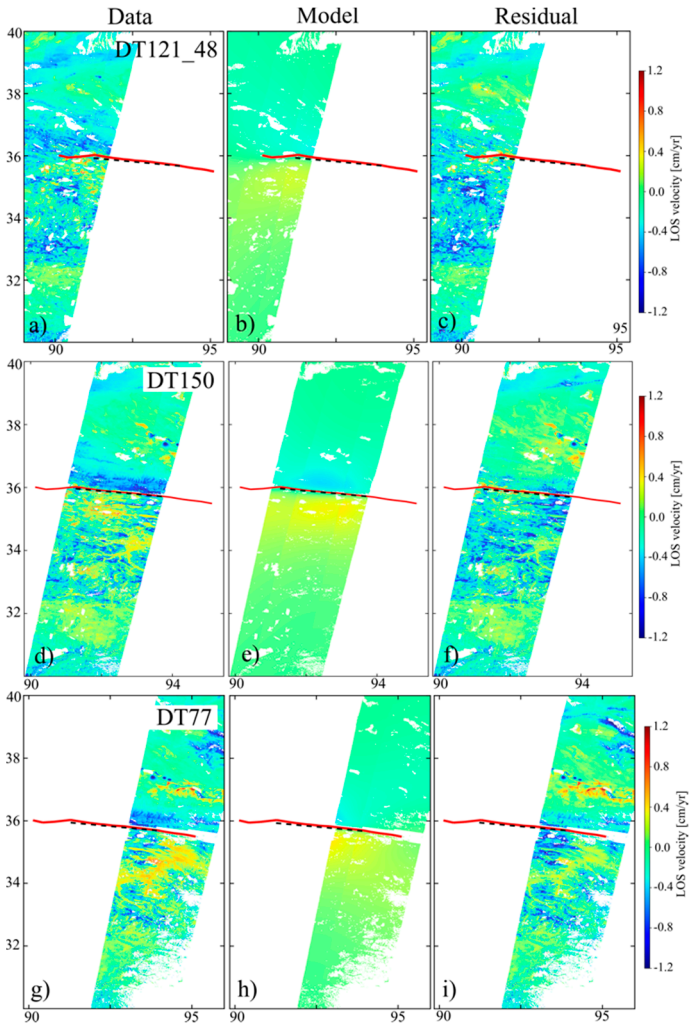


Figure S6. Best-fitting modeling results of the mixed model for descending track 121_48, 150 and 77, respectively. The red line: coseismic fault. The black dashed line: surface projection of best-fitting buried elastic dislocation.