

ZIP folder	File name	File format	Content
	2022_Kosari-et-al_Description_of_data	.pdf	Description of data and methods
	2022_Kosari-et-al_List_of_files	.pdf	List of files
2022-015_Kosari-et-al_Data	ds01	.zip	
	2022-015_Kosari-et-al_Data_compressional-config	.csv	Time-series from compressional configuration over tens of seismic cycles
	2022-015_Kosari-et-al_Data_critical-config	.csv	Time-series from critical configuration over tens of seismic cycles
	2022-015_Kosari-et-al_Data_High-res-compressional-(Vz)	.csv	High resolution (3 cycles) vertical displacement from compressional config. as a grid file
	2022-015_Kosari-et-al_Data_High-res-compressional	.csv	High resolution (3 cycles) strain from compressional config. as a grid file
	2022-015_Kosari-et-al_Data_High-res-critical-(Vz)	.csv	High resolution (3 cycles) vertical displacement from critical config. as a grid file
	2022-015_Kosari-et-al_Data_High-res-critical	.csv	High resolution (3 cycles) strain from critical config. as a grid file
	2022-015_Kosari-et-al_Data_Intermediate-res-compressional-(Vz)	.csv	Intermediate resolution (3 cycles) vertical displacement from compressional config. as a grid file
	2022-015_Kosari-et-al_Data_Intermediate-res-compressional	.csv	Intermediate resolution (9 cycles) strain from compressional config. as a grid file
	2022-015_Kosari-et-al_Data_Intermediate-res-critical-(Vz)	.csv	Intermediate resolution (3 cycles) vertical displacement from critical config. as a grid file
	2022-015_Kosari-et-al_Data_Intermediate-res-critical	.csv	Intermediate resolution (9 cycles) strain from critical config. as a grid file
	2022-015_Kosari-et-al_Data_Low-res-compressional-(Vz)	.csv	Low resolution (3 cycles) vertical displacement from compressional config. as a grid file
	2022-015_Kosari-et-al_Data_Low-res-compressional	.csv	Low resolution (18 cycles) strain from compressional config. as a grid file
	2022-015_Kosari-et-al_Data_Low-res-critical-(Vz)	.csv	Low resolution (3 cycles) vertical displacement from critical config. as a grid file
	2022-015_Kosari-et-al_Data_Low-res-critical	.csv	Low resolution (18 cycles) strain from critical config. as a grid file
	2022-015_Kosari-et-al_Data_Map-view-compressional-config-Vz	.csv	Map view of the vertical displacement from compressional config. as a grid file
	2022-015_Kosari-et-al_Data_Map-view-compressional-config-s	.csv	Map view of the strain pattern from compressional config. as a grid file
	2022-015_Kosari-et-al_Data_Map-view-critical-config-s	.csv	Map view of the strain pattern from critical config. as a grid file
	2022-015_Kosari-et-al_Data_Map-view-critical-config-Vz	.csv	Map view of the vertical displacement from the critical config. as a grid file
	2022-015_Kosari-et-al_Data_time-series-compressional-config	.csv	Trench-normal displacement time series from the critical configuration
	2022-015_Kosari-et-al_Data_time-series-critical-config	.csv	Trench-normal displacement time series from the critical configuration