This archive contains the waveform data used in the article "*The SSRc method as a practical solution for evaluating site response using far apart stations: Applications in western Greece and south-eastern France*", by Grendas, I., Hollender, F., Perron, V, Theodoulidis, N., Buscetti, M and Traversa, P., which is under review process in publishing in Bulleting of Earthquake Engineering.

There are two folders, one for the Greek dataset and one for the French dataset. Into each folder, several folders corresponding to each earthquake used in the study with names represented by the origin Date_Time of each event: "Ev_YYYYMMDD_hhmmss". Are included. Each Earthquake folder includes ".dat" files separately for each earthquake record at each station used. Each earthquake-station record ".dat" file contains the appropriate information of each recording (for each Event, Station and Instrument characteristics) at the first 21 lines, while from line 23 and below the three component seismic records are provided in columns according to the components as given in line 22. P and S-wave arrival of the earthquake records selected manually, are provided into the files, while the manually picked starting and ending time of a representative pre-event long Noise window are also provided. Finally, the Records ending time (STOP-time) is provided, as the last reliable point corresponding to the examined earthquake record, before either the arrival and recording of another one earthquake, or the contamination by and obvious high frequency noise.