Dataset.dat | Low-frequency earthquake catalogue, 25 May 2012 to 02 June 2012, February 2014 to November 2016; 10157 events.

Format:

event_ID log_M0 std_log fc(Hz) std_fc gamma std_ga lat(N) lon(E) dpt(km) origin_time

Explanations:

event_ID | Identification code, unique identifier for the event

log_M0 | Source parameter : logarithm of the seismic moment of the event

std_log | Standard deviation of log_M0

fc(Hz) | Source parameter : corner frequency (Hz) of the event

std_fc | Standard deviation of fc(Hz)

gamma | Source parameter : high-frequency fall-off exponent of the event

std_ga | Standard deviation of gamma

lat(N) | Latitude (°N) of the event

lon(E) | Longitude (°E) of the event

dpt(km) | Depth (km) of the event

origin_time | Origin time of the event (JST) : YYYY-MM-DD_HH:MM:SS.SS
(Year Month Day Hour Minute Second)