

Neural temporal point processes for earthquake catalogs

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SeismoLunch - February 23rd 2022

What is a point process?

A point process is a random collection of points falling in some space.

For a temporal point process, the space is a portion of the real line.

→ Ex: A collection of timings of earthquake occurrence.

For a marked point process, there is also information associated with the timing of the events.

→ Ex: A collection of timings and magnitudes of earthquakes.

Questions?