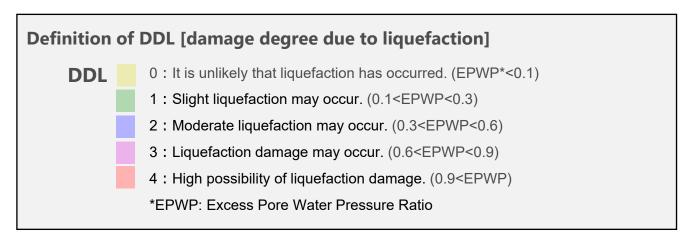
From the seismic motion records observed on the surface or in the ground, the degree of liquefaction of the ground where the seismic motion was observed can be evaluated.

The degree of liquefaction is simply divided into 5 levels here.



For details, please refer to the following reference papers.

A Kamura, G Kurihara, T Mori, M Kazama, Y Kwon, J Kim, JT Han, Exploring the possibility of assessing the damage degree of liquefaction based only on seismic records by artificial neural networks, Soils and Foundations, 2021. <a href="https://doi.org/10.1016/j.sandf.2021.01.014">https://doi.org/10.1016/j.sandf.2021.01.014</a>