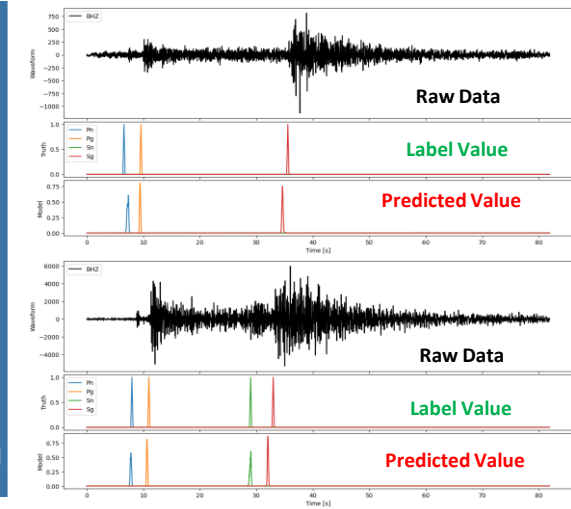
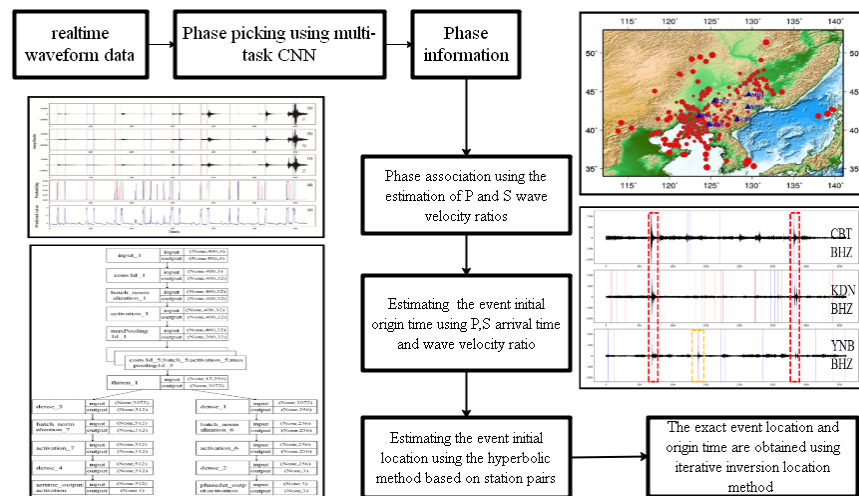


The advanced of application of machine learning in seismic monitoring data processing is introduced in this paper, and focuses on our work in this regard. These efforts include:

- Local phase picking and association based on multi-task CNN;
- Noise signal Recognition using GAN_LSTM;
- Seismic phase sequence detection based on Transformer;
- Event association method based on the probabilistic model



If you want to learn more about this, come see my e-poster during session T3.5 on this date or access it online on the SnT2023 Conference platform!