

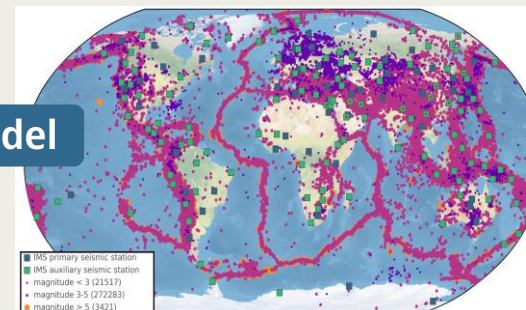
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Motivation

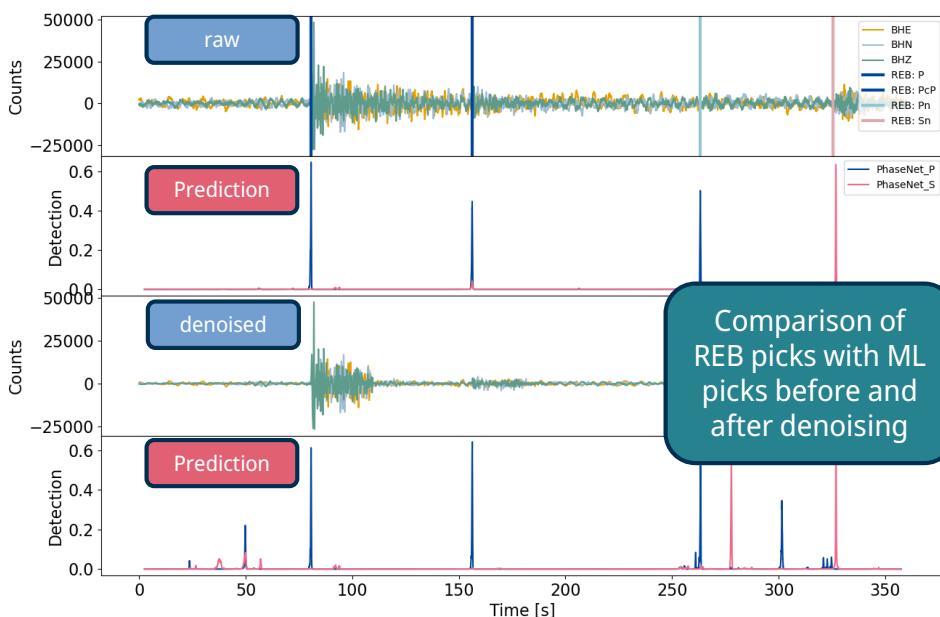
- Asses the performance of ML phase picking on IMS data
- Train a IMS PhaseNet
- Create a IMS ML dataset

1. Data & ML model



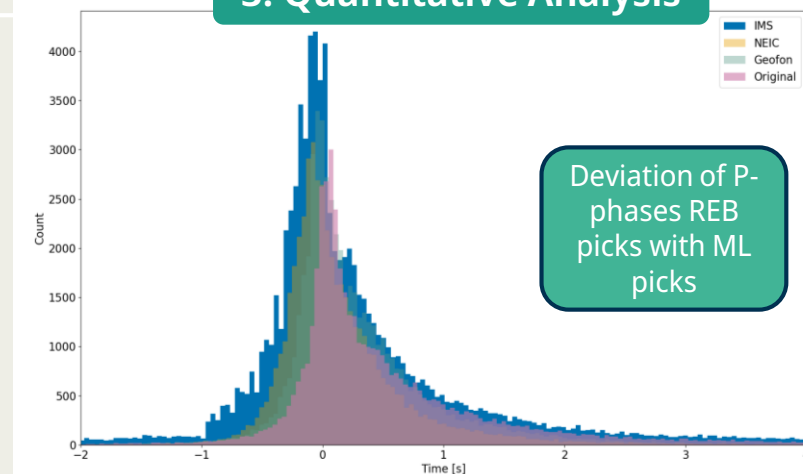
Training a IMS
(and German)
PhaseNET and
EQT model

2. Application examples



- Application of phase picking algorithms on examples
- Comparison between existing models and newly trained
- Comparison of phase picking on raw and denoised data

3. Quantitative Analysis



- Quantitative analysis of pick performance
- IMS catalog picks compared to ML picks
- BGR catalog picks vs BGR PhaseNet model