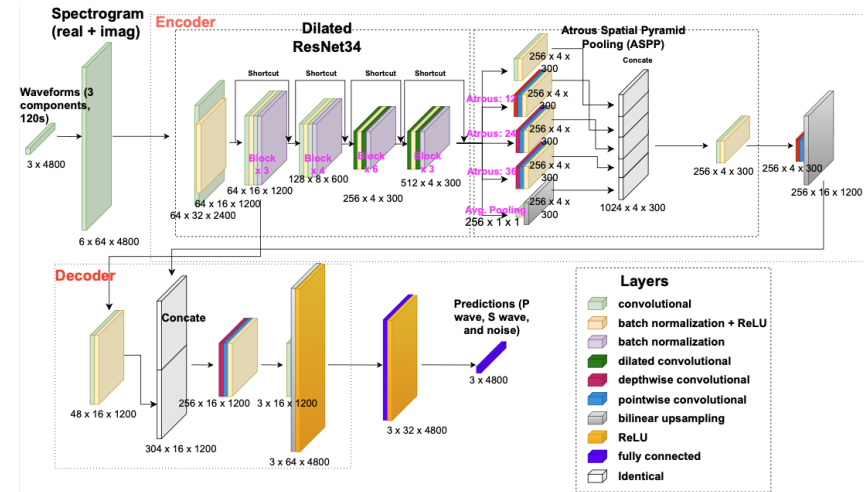




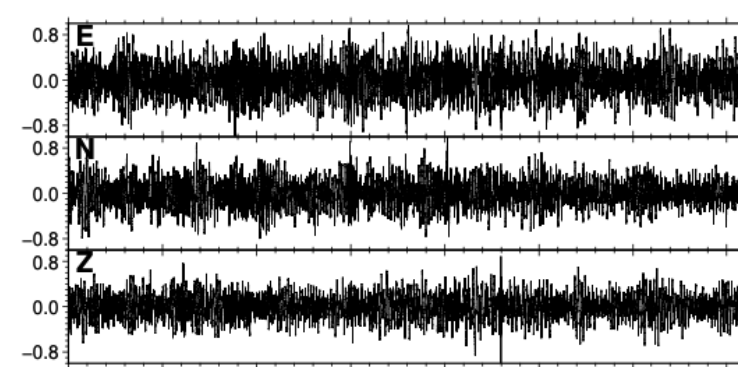
## Retraining

## Training

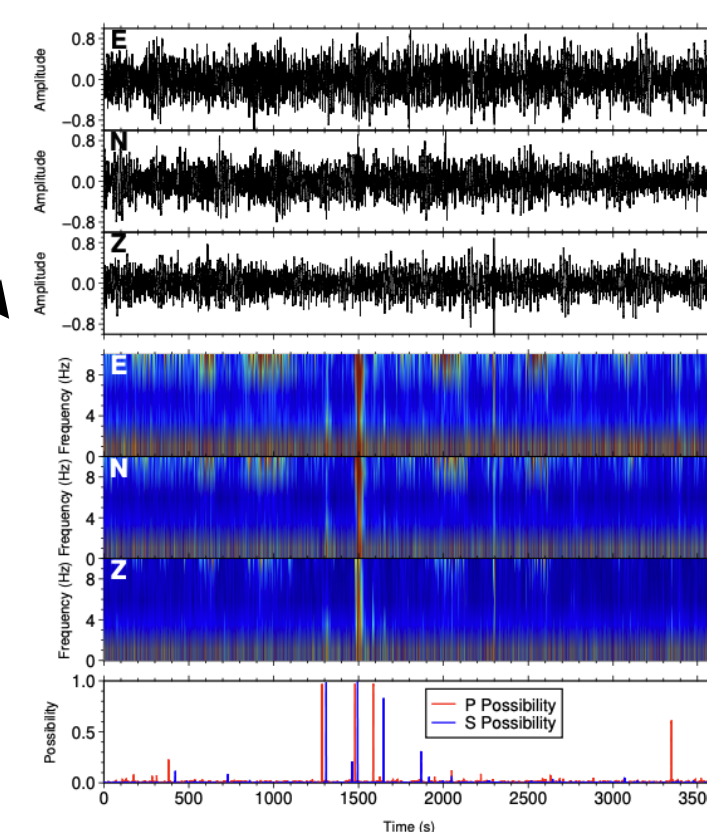


## PhaseNet-TF

## Predicting

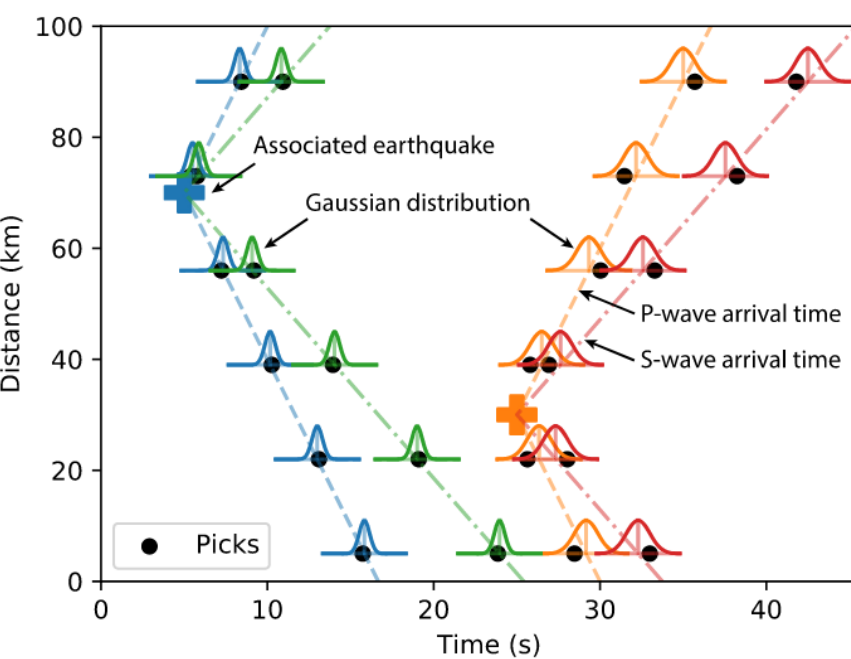


## Continuous unlabeled dataset

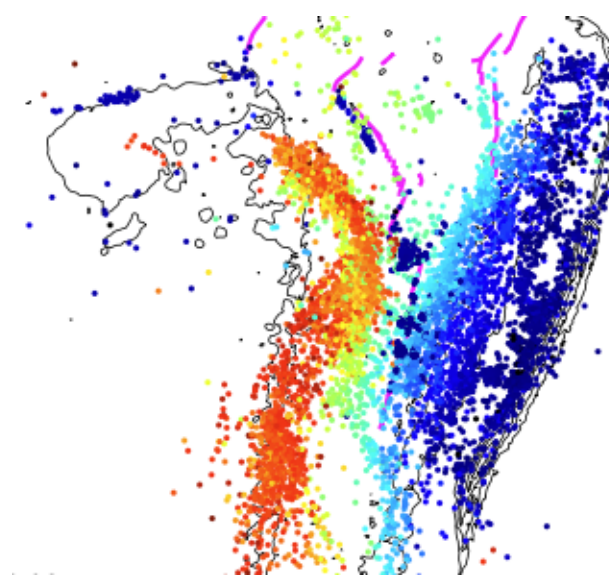


## Predicted P and S arrivals

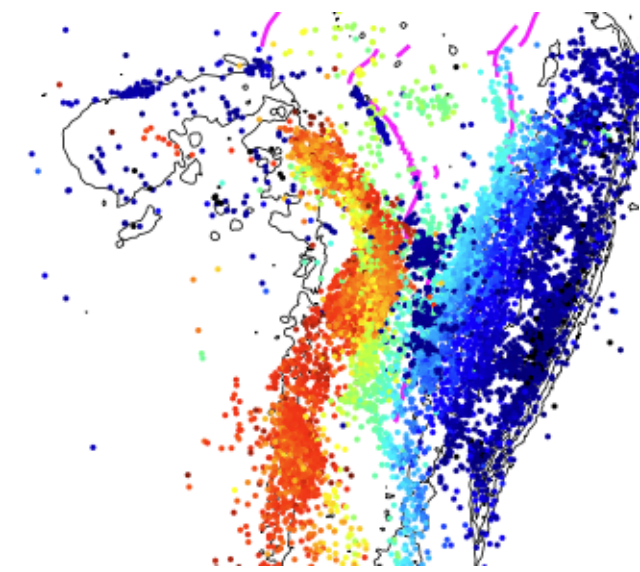
## Refining



## Phase association (GaMMA-1D)

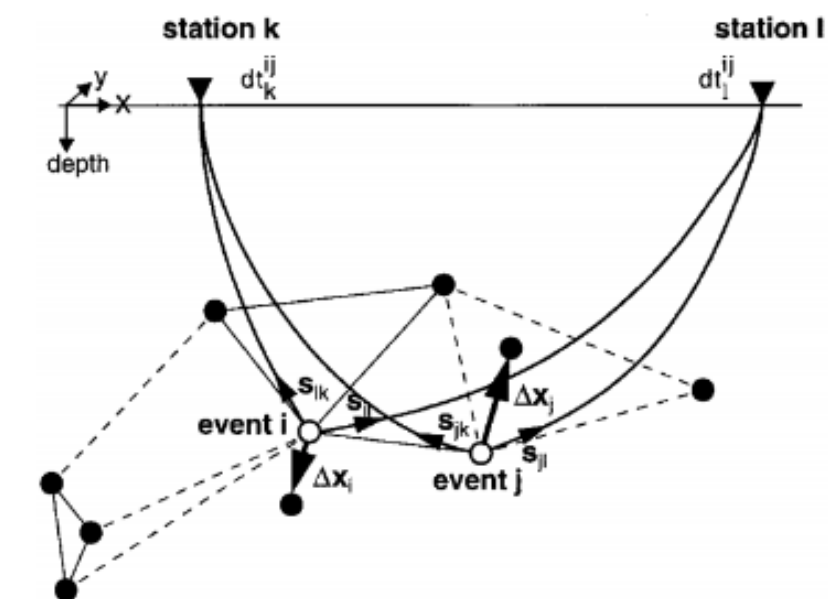


## New catalog and corresponding arrivals



## Final catalog and corresponding arrivals

## Error estimation and filtering (Bootstrapping)



## Event relocation (TeletomoDD)