Study 1: Algorithm Selections and Data Pre-processing Methodologies in Developing Machine Learning Models for NH3N Forecasting.
Study 2: To incoporate the use of domain knowledge in water/wastewater treatment and established methodology to construct a optimized model for NH_3N forecasting. - - -

3.2.2.2 Data smoothing with EMCA filter

3.2.2.3 Outlier detection and removal

3.2.3 Data transformation

3.2.3.1 Split of Train/valid/test dataset