|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table S1: Statistical Indicators Summary of 10-Fold Cross Validation | Statistical Indicator of Training | r | 0.973 | 0.974 | 0.973 | 0.973 | 0.973 | 0.973 | 0.973 | 0.974 | 0.973 | 0.973 | Note: The Ideal value of slope is 1, and the ideal value of intercept is 0. When the values of statistical indicators are close between training results and testing result, the predictions of model are reliable. |
| Slope | 0.944 | 0.943 | 0.944 | 0.944 | 0.945 | 0.945 | 0.942 | 0.943 | 0.945 | 0.942 |
| Intercept | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| MAE(%) | 1.95% | 1.93% | 1.94% | 1.94% | 1.94% | 1.94% | 1.94% | 1.95% | 1.93% | 1.94% |
| RMSE(%) | 4.49% | 4.44% | 4.44% | 4.46% | 4.46% | 4.45% | 4.48% | 4.45% | 4.46% | 4.45% |
| R2 | 94.67% | 94.78% | 94.72% | 94.76% | 94.69% | 94.75% | 94.65% | 94.82% | 94.73% | 94.75% |
| N | 128763 | 128763 | 128763 | 128763 | 128763 | 128763 | 128763 | 128763 | 128763 | 128763 |
| Statistical Indicator of Testing | r | 0.973 | 0.973 | 0.973 | 0.973 | 0.973 | 0.973 | 0.973 | 0.973 | 0.973 | 0.973 |
| Slope | 0.944 | 0.944 | 0.943 | 0.944 | 0.943 | 0.943 | 0.944 | 0.944 | 0.943 | 0.944 |
| Intercept | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| MAE(%) | 1.94% | 1.94% | 1.94% | 1.94% | 1.94% | 1.94% | 1.94% | 1.94% | 1.94% | 1.94% |
| RMSE(%) | 4.45% | 4.45% | 4.45% | 4.45% | 4.45% | 4.45% | 4.45% | 4.45% | 4.45% | 4.45% |
| R2 | 94.75% | 94.74% | 94.75% | 94.75% | 94.75% | 94.74% | 94.75% | 94.74% | 94.75% | 94.74% |
| N | 1158867 | 1158867 | 1158867 | 1158867 | 1158867 | 1158867 | 1158867 | 1158867 | 1158867 | 1158867 |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |