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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 2: Statistical Indicators Summary of 10-Fold Cross Validation** | | | | | | | | | | | | |
|  | Statistical Indicator of Training | | | | | | Statistical Indicator of Testing | | | | | |
| Fold | R2 | Intercept | Slope | N | r | RMSE | R2 | Intercept | Slope | N | r | RMSE |
| 1 | 91.57% | 0.054 | 0.727 | 24516 | 0.862 | 0.071 | 91.00% | 0.050 | 0.756 | 2723 | 0.835 | 0.071 |
| 2 | 92.32% | 0.053 | 0.732 | 24516 | 0.875 | 0.068 | 91.69% | 0.048 | 0.763 | 2723 | 0.862 | 0.071 |
| 3 | 91.45% | 0.055 | 0.727 | 24516 | 0.861 | 0.071 | 89.77% | 0.062 | 0.689 | 2723 | 0.834 | 0.079 |
| 4 | 92.35% | 0.052 | 0.740 | 24516 | 0.876 | 0.068 | 91.69% | 0.051 | 0.754 | 2723 | 0.845 | 0.069 |
| 5 | 91.27% | 0.056 | 0.718 | 24516 | 0.857 | 0.072 | 91.84% | 0.048 | 0.756 | 2723 | 0.853 | 0.068 |
| 6 | 92.01% | 0.053 | 0.737 | 24516 | 0.867 | 0.069 | 87.61% | 0.070 | 0.638 | 2723 | 0.812 | 0.088 |
| 7 | 91.46% | 0.054 | 0.729 | 24516 | 0.863 | 0.071 | 90.00% | 0.057 | 0.716 | 2723 | 0.833 | 0.077 |
| 8 | 91.82% | 0.054 | 0.730 | 24516 | 0.867 | 0.070 | 90.89% | 0.056 | 0.714 | 2723 | 0.848 | 0.073 |
| 9 | 92.29% | 0.050 | 0.750 | 24516 | 0.872 | 0.067 | 83.40% | 0.083 | 0.571 | 2723 | 0.766 | 0.103 |
| 10 | 91.84% | 0.054 | 0.730 | 24507 | 0.870 | 0.069 | 91.99% | 0.041 | 0.797 | 2732 | 0.866 | 0.068 |
| 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. | | | | | | | | | | | | |