|  |  |  |
| --- | --- | --- |
| n | M\_ConsistencyScores | M\_VAL |
| 1 | 0.9820 | 0.0180 |
| 2 | 0.8919 | 0.1081 |
| 3 | 0.4685 | 0.5315 |
| 4 | 0.0991 | 0.9009 |
| 5 | 0.0090 | 0.9910 |
| 6 | 0.0180 | 0.9820 |
| 7 | 0.0 | 1.0 |
| 8 | 0.0 | 1.0 |
| 9 | 0.0 | 1.0 |
| 10 | 0.0 | 1.0 |
| 11 | 0.0 | 1.0 |
| 12 | 0.0 | 1.0 |
| 13 | 0.0 | 1.0 |
| 14 | 0.0 | 1.0 |
| 15 | 0.0 | 1.0 |
| 16 | 0.0 | 1.0 |
| 17 | 0.0 | 1.0 |
| 18 | 0.0 | 1.0 |
| 19 | 0.0 | 1.0 |
| 20 | 0.0 | 1.0 |
| 21 | 0.0 | 1.0 |
| 22 | 0.0 | 1.0 |
| 23 | 0.0 | 1.0 |
| 24 | 0.0 | 1.0 |
| 25 | 0.0 | 1.0 |
| 26 | 0.0 | 1.0 |
| 27 | 0.0 | 1.0 |
| 28 | 0.0 | 1.0 |
| 29 | 0.0 | 1.0 |
| 30 | 0.0 | 1.0 |

丢弃7个特征时，解释集的预测结果均为恶性（1）。

VAL达到最大（一致性得分为0）时把所有通过的测试用例全加入训练集（数据增强条数111） 重训练模型accuracy为0.96。

数据增强后： 新模型新解释集

|  |  |  |
| --- | --- | --- |
| n | M\_ConsistencyScores | M\_VAL |
| 1 | **0.6267** | **0.3733** |
| 2 | **0.0267** | **0.9733** |
| 3 | **0.0** | **1.0** |
| 4 | **0.0** | **1.0** |
| 5 | **0.0** | **1.0** |
| 6 | **0.0** | **1.0** |
| 7 | **0.0** | **1.0** |
| 8 | 0.0 | 1.0 |
| 9 | 0.0 | 1.0 |
| 10 | 0.0 | 1.0 |
| 11 | 0.0 | 1.0 |
| 12 | 0.0 | 1.0 |
| 13 | 0.0 | 1.0 |
| 14 | 0.0 | 1.0 |
| 15 | 0.0 | 1.0 |
| 16 | 0.0 | 1.0 |
| 17 | 0.0 | 1.0 |
| 18 | 0.0 | 1.0 |
| 19 | 0.0 | 1.0 |
| 20 | 0.0 | 1.0 |
| 21 | 0.0 | 1.0 |
| 22 | 0.0 | 1.0 |
| 23 | 0.0 | 1.0 |
| 24 | 0.0 | 1.0 |
| 25 | 0.0 | 1.0 |
| 26 | 0.0 | 1.0 |
| 27 | 0.0 | 1.0 |
| 28 | 0.0 | 1.0 |
| 29 | 0.0 | 1.0 |
| 30 | 0.0 | 1.0 |

|  |  |  |
| --- | --- | --- |
|  | SVC | MLP |
| 1 | 0.5741 | 0.0156 |
| 2 | 0.8611 | 0.1094 |
| 3 | 1.0 | 0.2656 |
| 4 | 1.0 | 0.4531 |
| 5 | 1.0 | 0.5625 |
| 6 | 1.0 | 0.5625 |
| 7 | 1.0 | 0.6094 |
| 8 | 1.0 | 0.6094 |
| 9 | 1.0 | 0.6563 |
| 10 | 1.0 | 0.6719 |
| 11 | 1.0 | 0.6563 |
| 12 | 1.0 | 0.6563 |
| 13 | 1.0 | 0.6875 |
| 14 | 1.0 | 0.7344 |
| 15 | 1.0 | 0.7344 |
| 16 | 1.0 | 0.75 |
| 17 | 1.0 | 0.8125 |
| 18 | 1.0 | 0.8281 |
| 19 | 1.0 | 0.8281 |
| 20 | 1.0 | 0.8281 |
| 21 | 1.0 | 0.8438 |
| 22 | 1.0 | 0.8438 |
| 23 | 1.0 | 0.8906 |
| 24 | 1.0 | 0.9063 |
| 25 | 1.0 | 0.9063 |
| 26 | 1.0 | 0.9219 |
| 27 | 1.0 | 0.9375 |
| 28 | 1.0 | 0.9531 |
| 29 | 1.0 | 0.9844 |
| 30 | 1.0 | 1.0 |