一、故障定位（系统）

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| 平台 | 标签 | 样本数 |
| 侦查系统 | 0 | 74 |
| 电器系统 | 1 | 52 |
| 测控系统 | 2 | 63 |
| 地面站、车辆 | 3 | 122 |
| 动力系统 | 4 | 153 |
| 导航飞控系统 | 5 | 165 |
| 平行器平台 | 6 | 248 |

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| 方法 | 准确率 | 混淆矩阵 |
| TFIDF-ANN | 86.52% |  |
| LDA-ANN | 58.26% |  |
| word2vec-ANN | 35.22% |  |
| doc2vec-ANN | 28.26% |  |
| TFIDF+word2vec串联-ANN | 90.43% |  |
| TFIDF+word2vec并联加-ANN | 85.65% |  |
| TFIDF+word2vec并联乘-ANN | 48.26% |  |
| TFIDF-SVM | 73.48% |  |
| LDA-SVM | 61.74% |  |
| word2vec-SVM | 35.22% |  |
| doc2vec-SVM | 35.22% |  |
| TFIDF+word2vec串联-SVM | 73.48% |  |
| TFIDF+word2vec并联加-SVM | 73.48% |  |
| TFIDF+word2vec并联乘-SVM | 73.48% |  |
| TFIDF-randomForest | 89.57% |  |
| LDA-randomForest | 61.30% |  |
| word2vec-randomForest | 90.00% |  |
| doc2vec-randomForest | 34.78% |  |
| TFIDF+word2vec串联-randomForest | 90.43% |  |
| TFIDF+word2vec并联加-randomForest | 73.48% |  |
| TFIDF+word2vec并联乘-randomForest | 88.70% |  |

二、对处理方式进行预测

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| 处理方式 | 标签 | 样本数 |
| 返厂大修 | 1 | 199 |
| 更换部件 | 2 | 374 |
| 现场小修 | 3 | 274 |
| 不处理 | 4 | 30 |

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| 方法 | 准确率 | 混淆矩阵 |
| TFIDF-ANN | 79.86% |  |
| LDA-ANN | 65.37% |  |
| word2vec-ANN | 39.93% |  |
| doc2vec-ANN | 32.16% |  |
| TFIDF+word2vec串联-ANN | 76.32% |  |
| TFIDF+word2vec并联加-ANN | 80.57% |  |
| TFIDF+word2vec并联乘-ANN | 66.38% |  |
| TFIDF-SVM | 81.27% |  |
| LDA-SVM | 70.67% |  |
| word2vec-SVM | 49.13% |  |
| doc2vec-SVM | 39.93% |  |
| TFIDF+word2vec串联-SVM | 81.27% |  |
| TFIDF+word2vec并联加-SVM | 81.27% |  |
| TFIDF+word2vec并联乘-SVM | 81.27% |  |
| TFIDF-randomForest | 80.92% |  |
| LDA-randomForest | 66.08% |  |
| word2vec-randomForest | 81.27% |  |
| doc2vec-randomForest | 39.22% |  |
| TFIDF+word2vec串联-randomForest | 83.04% |  |
| TFIDF+word2vec并联加-randomForest | 82.33% |  |
| TFIDF+word2vec并联乘-randomForest | 81.63% |  |