**Table 1:**

The rolling bearing dataset information.

|  |  |  |  |
| --- | --- | --- | --- |
| Class label | Fault location | Fault diameter(mil) | Load(hp) |
| 0 | NC | 0 | 0,1,2,3 |
| 1 | IF | 7 | 0,1,2,3 |
| 2 | IF | 7 | 0,1,2,3 |
| 3 | IF | 7 | 0,1,2,3 |
| 4 | OF | 14 | 0,1,2,3 |
| 5 | OF | 14 | 0,1,2,3 |
| 6 | OF | 14 | 0,1,2,3 |
| 7 | RoF | 21 | 0,1,2,3 |
| 8 | RoF | 21 | 0,1,2,3 |
| 9 | RoF | 21 | 0,1,2,3 |

**Table 2:**

The cases implemented on CW dataset in this paper.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tasks | Load of Source domain(hp) | Load of Target domain(hp) | No. of classes in training | No. of in testing |
| C01 | 0 | 1 | 10 | 10 |
| C02 | 0 | 2 | 10 | 10 |
| C03 | 0 | 3 | 10 | 10 |
| C32 | 3 | 2 | 10 | 10 |
| C31 | 3 | 1 | 10 | 10 |
| C30 | 3 | 0 | 10 | 10 |

**Table 3:**

The cases implemented on CW, SQ and SA dataset in this paper.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tasks | Source domain | | Target domain | |
| Class | Rotating frequency (Hz) | Class | Rotating frequency (Hz) |
| Csq | NC, IF, OF | 28.83 | NC, IF, OF | 29 |
| Csa | NC, OF, RoF | 28.83 | NC, OF, RoF | 25 |