

|                     |                        | Predicted labels |                        |               |                |                     |                    |               |
|---------------------|------------------------|------------------|------------------------|---------------|----------------|---------------------|--------------------|---------------|
|                     |                        | Normal           | SurroundingEnvironment | HardwareFault | ParamViolation | RegulationViolation | CommunicationIssue | SoftwareFault |
| True labels         | Normal                 | 127              | 0                      | 3             | 2              | 0                   | 0                  | 0             |
|                     | SurroundingEnvironment | 1                | 9                      | 0             | 0              | 0                   | 0                  | 3             |
| HardwareFault       | 0                      | 0                | 28                     | 0             | 0              | 0                   | 0                  | 0             |
| ParamViolation      | 0                      | 0                | 0                      | 10            | 0              | 0                   | 0                  | 0             |
| RegulationViolation | 0                      | 0                | 0                      | 0             | 3              | 0                   | 0                  | 0             |
| CommunicationIssue  | 0                      | 0                | 0                      | 0             | 0              | 3                   | 0                  | 0             |
| SoftwareFault       | 2                      | 0                | 1                      | 1             | 0              | 0                   | 16                 |               |