

|                  | CommunicationIssue -     | 3                    | 0               | 0        | 0                | 0                     | 0               | 0                        |
|------------------|--------------------------|----------------------|-----------------|----------|------------------|-----------------------|-----------------|--------------------------|
| True labels      | HardwareFault -          | 0                    | 27              | 0        | 0                | 0                     | 1               | 0                        |
|                  | Normal -                 | 0                    | 2               | 0        | 2                | 128                   | 0               | 0                        |
|                  | ParamViolation -         | 0                    | 0               | 0        | 8                | 0                     | 1               | 1                        |
|                  | RegulationViolation -    | 0                    | 0               | 0        | 0                | 3                     | 0               | 0                        |
|                  | SoftwareFault -          | 0                    | 2               | 0        | 1                | 2                     | 15              | 0                        |
|                  | SurroundingEnvironment - | 0                    | 0               | 0        | 0                | 1                     | 3               | 9                        |
| Predicted labels |                          | CommunicationIssue - | HardwareFault - | Normal - | ParamViolation - | RegulationViolation - | SoftwareFault - | SurroundingEnvironment - |