

**Telco Customer Churn Dataset:**

| Performance Measure  | Training            | Test               |
|----------------------|---------------------|--------------------|
| Accuracy             | 0.692403265885694   | 0.6799148332150461 |
| Recall               | 0.8788282290279628  | 0.8610354223433242 |
| Specificity          | 0.6246369796708615  | 0.6161228406909789 |
| Precision            | 0.45977011494252873 | 0.441340782122905  |
| False Discovery Rate | 0.5402298850574713  | 0.5586592178770949 |
| F1 Score             | 0.6037045506517266  | 0.5835641735918744 |

| Number of Boosting Rounds | Training           | Test               |
|---------------------------|--------------------|--------------------|
| 5                         | 0.2665956691515797 | 0.2604684173172463 |
| 10                        | 0.7334043308484203 | 0.7395315826827538 |
| 15                        | 0.2665956691515797 | 0.2604684173172463 |
| 20                        | 0.7334043308484203 | 0.7395315826827538 |

**Credit Card Fraud Detection Dataset:**

| Performance Measure  | Training           | Test               |
|----------------------|--------------------|--------------------|
| Accuracy             | 0.9982400393248071 | 0.9984024156879269 |
| Recall               | 0.0                | 0.0                |
| Specificity          | 1.0                | 1.0                |
| Precision            | 0.0                | 0.0                |
| False Discovery Rate | nan                | nan                |
| F1 Score             | 0.0                | 0.0                |

| Number of Boosting Rounds | Training           | Test               |
|---------------------------|--------------------|--------------------|
| 5                         | 0.9982400393248071 | 0.9984024156879269 |
| 10                        | 0.9982970954065465 | 0.9984550833026106 |
| 15                        | 0.9983300451085423 | 0.9983183075014567 |
| 20                        | 0.9983914109068723 | 0.9983509003192341 |

**Adult Dataset:**

| <b>Performance Measure</b>  | <b>Training</b>    | <b>Test</b>        |
|-----------------------------|--------------------|--------------------|
| <b>Accuracy</b>             | 0.7591597309664937 | 0.7637737239727289 |
| <b>Recall</b>               | 0.0                | 0.0                |
| <b>Specificity</b>          | 0.9999595469255663 | 1.0                |
| <b>Precision</b>            | 0.0                | 0.0                |
| <b>False Discovery Rate</b> | 1.0                | nan                |
| <b>F1 Score</b>             | 0.0                | 0.0                |

| <b>Number of Boosting Rounds</b> | <b>Training</b>    | <b>Test</b>         |
|----------------------------------|--------------------|---------------------|
| <b>5</b>                         | 0.2408095574460244 | 0.23622627602727106 |
| <b>10</b>                        | 0.2408095574460244 | 0.23622627602727106 |
| <b>15</b>                        | 0.2408095574460244 | 0.23622627602727106 |
| <b>20</b>                        | 0.2408095574460244 | 0.23622627602727106 |