|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Classification** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample | | | | | | | | | | Observed | | | | | | | | | | | | | | | | | | | | Predicted |
|  | A | B | C | D | E | F | G | H | | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Percent Correct | |
| Training | A | 492 | 2 | 3 | 1 | 0 | 0 | 2 | 0 | | 0 | 0 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 95.3% | |
| B | 0 | 470 | 0 | 10 | 2 | 1 | 2 | 5 | | 0 | 0 | 2 | 0 | 0 | 3 | 2 | 0 | 0 | 6 | 1 | 2 | 0 | 3 | 0 | 2 | 0 | 0 | 92.0% | |
| C | 0 | 0 | 473 | 0 | 3 | 2 | 6 | 0 | | 1 | 0 | 2 | 1 | 1 | 0 | 3 | 0 | 2 | 0 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 94.8% | |
| D | 0 | 2 | 0 | 524 | 0 | 2 | 1 | 1 | | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 1 | 96.7% | |
| E | 0 | 0 | 5 | 0 | 479 | 0 | 7 | 3 | | 0 | 0 | 0 | 2 | 2 | 0 | 1 | 1 | 6 | 0 | 7 | 0 | 0 | 1 | 0 | 3 | 0 | 2 | 92.3% | |
| F | 0 | 3 | 1 | 2 | 1 | 457 | 0 | 2 | | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 12 | 0 | 0 | 1 | 5 | 0 | 2 | 0 | 0 | 3 | 3 | 92.0% | |
| G | 2 | 1 | 5 | 1 | 1 | 4 | 460 | 1 | | 1 | 3 | 0 | 1 | 0 | 0 | 4 | 0 | 5 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 93.3% | |
| H | 0 | 6 | 1 | 5 | 1 | 1 | 7 | 446 | | 0 | 1 | 4 | 1 | 5 | 0 | 7 | 2 | 0 | 9 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 89.2% | |
| I | 0 | 1 | 0 | 1 | 2 | 2 | 0 | 0 | | 459 | 10 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 2 | 1 | 2 | 94.3% | |
| J | 0 | 0 | 0 | 3 | 0 | 1 | 2 | 2 | | 9 | 466 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 95.3% | |
| K | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 6 | | 1 | 0 | 466 | 2 | 2 | 1 | 0 | 0 | 1 | 4 | 1 | 1 | 3 | 1 | 0 | 6 | 0 | 0 | 93.4% | |
| L | 0 | 0 | 1 | 1 | 1 | 0 | 3 | 1 | | 0 | 1 | 3 | 475 | 0 | 0 | 1 | 1 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 95.8% | |
| M | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 2 | 0 | 504 | 5 | 2 | 1 | 0 | 2 | 0 | 1 | 3 | 0 | 1 | 0 | 2 | 1 | 95.5% | |
| N | 2 | 3 | 0 | 7 | 0 | 0 | 0 | 3 | | 0 | 0 | 1 | 0 | 3 | 487 | 4 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 1 | 94.0% | |
| O | 0 | 1 | 2 | 7 | 1 | 2 | 3 | 0 | | 0 | 0 | 1 | 0 | 0 | 2 | 470 | 1 | 5 | 2 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 93.6% | |
| P | 1 | 1 | 0 | 3 | 0 | 8 | 2 | 3 | | 3 | 0 | 0 | 0 | 0 | 1 | 5 | 501 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 93.8% | |
| Q | 0 | 0 | 1 | 4 | 3 | 0 | 5 | 0 | | 0 | 3 | 0 | 0 | 1 | 0 | 5 | 3 | 482 | 0 | 1 | 2 | 0 | 2 | 3 | 0 | 1 | 1 | 93.2% | |
| R | 0 | 5 | 0 | 4 | 1 | 1 | 2 | 2 | | 0 | 1 | 5 | 3 | 3 | 3 | 1 | 1 | 1 | 460 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 92.9% | |
| S | 0 | 12 | 1 | 1 | 2 | 3 | 5 | 5 | | 2 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 430 | 1 | 0 | 0 | 2 | 7 | 0 | 6 | 88.8% | |
| T | 0 | 0 | 2 | 0 | 2 | 4 | 0 | 1 | | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 509 | 2 | 2 | 0 | 2 | 3 | 1 | 94.8% | |
| U | 2 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | | 1 | 1 | 1 | 0 | 2 | 1 | 4 | 1 | 2 | 0 | 0 | 0 | 504 | 2 | 3 | 1 | 0 | 0 | 95.3% | |
| V | 0 | 5 | 0 | 1 | 0 | 2 | 0 | 3 | | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 1 | 500 | 1 | 0 | 3 | 0 | 95.4% | |
| W | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 2 | 503 | 0 | 0 | 0 | 97.3% | |
| X | 0 | 2 | 0 | 2 | 6 | 1 | 1 | 3 | | 3 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 489 | 0 | 1 | 94.6% | |
| Y | 0 | 2 | 1 | 0 | 4 | 3 | 0 | 1 | | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 3 | 0 | 5 | 1 | 0 | 483 | 0 | 94.9% | |
| Z | 0 | 1 | 0 | 1 | 2 | 0 | 1 | 0 | | 3 | 2 | 0 | 2 | 0 | 0 | 2 | 2 | 6 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 447 | 94.5% | |
| Overall Percentage | 3.8% | 3.9% | 3.8% | 4.4% | 3.9% | 3.7% | 3.9% | 3.7% | | 3.7% | 3.7% | 3.7% | 3.7% | 4.0% | 3.8% | 3.9% | 4.0% | 3.9% | 3.7% | 3.4% | 4.1% | 4.0% | 4.0% | 3.9% | 3.9% | 3.8% | 3.5% | 94.0% | |
| Test | A | 254 | 1 | 2 | 2 | 2 | 0 | 0 | 0 | | 0 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 93.0% | |
| B | 0 | 208 | 0 | 7 | 2 | 1 | 1 | 5 | | 2 | 0 | 0 | 0 | 2 | 1 | 3 | 0 | 1 | 3 | 5 | 0 | 0 | 8 | 1 | 2 | 0 | 3 | 81.6% | |
| C | 0 | 0 | 210 | 0 | 8 | 1 | 2 | 0 | | 0 | 0 | 0 | 3 | 0 | 0 | 6 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 88.6% | |
| D | 0 | 6 | 0 | 218 | 0 | 1 | 0 | 11 | | 2 | 0 | 9 | 0 | 0 | 3 | 0 | 1 | 2 | 4 | 1 | 0 | 2 | 0 | 1 | 1 | 0 | 1 | 82.9% | |
| E | 1 | 0 | 5 | 0 | 203 | 0 | 5 | 1 | | 0 | 0 | 5 | 3 | 1 | 0 | 0 | 3 | 7 | 1 | 3 | 2 | 1 | 2 | 0 | 2 | 0 | 4 | 81.5% | |
| F | 0 | 6 | 1 | 3 | 1 | 228 | 1 | 0 | | 3 | 3 | 0 | 0 | 4 | 1 | 1 | 11 | 0 | 1 | 2 | 8 | 0 | 0 | 0 | 1 | 3 | 0 | 82.0% | |
| G | 1 | 4 | 7 | 1 | 5 | 4 | 224 | 1 | | 1 | 2 | 0 | 1 | 0 | 0 | 9 | 0 | 11 | 0 | 1 | 3 | 2 | 0 | 0 | 2 | 1 | 0 | 80.0% | |
| H | 1 | 5 | 2 | 3 | 1 | 1 | 2 | 183 | | 1 | 0 | 3 | 1 | 0 | 2 | 3 | 0 | 3 | 12 | 3 | 0 | 1 | 2 | 1 | 0 | 2 | 2 | 78.2% | |
| I | 0 | 4 | 0 | 0 | 1 | 5 | 1 | 0 | | 230 | 6 | 1 | 3 | 0 | 0 | 3 | 2 | 1 | 0 | 4 | 2 | 0 | 0 | 0 | 1 | 0 | 4 | 85.8% | |
| J | 1 | 1 | 0 | 2 | 0 | 0 | 2 | 1 | | 14 | 220 | 2 | 0 | 0 | 2 | 3 | 1 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | 3 | 85.3% | |
| K | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 11 | | 1 | 5 | 193 | 2 | 1 | 0 | 0 | 0 | 1 | 11 | 1 | 1 | 1 | 0 | 1 | 4 | 0 | 0 | 80.4% | |
| L | 0 | 0 | 1 | 1 | 3 | 0 | 3 | 0 | | 0 | 4 | 1 | 241 | 0 | 0 | 6 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 90.9% | |
| M | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 1 | | 0 | 0 | 0 | 2 | 243 | 6 | 0 | 0 | 0 | 2 | 0 | 1 | 2 | 1 | 3 | 0 | 0 | 0 | 92.0% | |
| N | 0 | 2 | 0 | 8 | 1 | 0 | 0 | 3 | | 0 | 0 | 0 | 0 | 3 | 232 | 0 | 1 | 0 | 2 | 0 | 0 | 6 | 4 | 2 | 0 | 1 | 0 | 87.5% | |
| O | 0 | 1 | 3 | 9 | 0 | 4 | 1 | 6 | | 0 | 0 | 2 | 1 | 0 | 4 | 194 | 0 | 11 | 3 | 0 | 4 | 2 | 2 | 4 | 0 | 0 | 0 | 77.3% | |
| P | 0 | 4 | 0 | 3 | 0 | 8 | 1 | 1 | | 3 | 0 | 1 | 3 | 0 | 1 | 2 | 235 | 0 | 1 | 0 | 0 | 1 | 3 | 2 | 0 | 0 | 0 | 87.4% | |
| Q | 0 | 1 | 1 | 2 | 4 | 0 | 3 | 2 | | 0 | 1 | 0 | 0 | 0 | 1 | 10 | 1 | 223 | 5 | 0 | 2 | 2 | 1 | 2 | 3 | 2 | 0 | 83.8% | |
| R | 1 | 8 | 0 | 5 | 0 | 1 | 2 | 1 | | 0 | 0 | 4 | 4 | 1 | 7 | 7 | 0 | 0 | 212 | 3 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 80.6% | |
| S | 6 | 4 | 0 | 5 | 7 | 3 | 3 | 6 | | 1 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 3 | 2 | 205 | 1 | 0 | 0 | 1 | 5 | 0 | 8 | 77.7% | |
| T | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 1 | | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 229 | 1 | 0 | 0 | 5 | 15 | 0 | 88.4% | |
| U | 0 | 0 | 0 | 2 | 3 | 0 | 3 | 2 | | 0 | 0 | 1 | 0 | 5 | 4 | 7 | 0 | 1 | 0 | 0 | 4 | 247 | 1 | 1 | 2 | 1 | 0 | 87.0% | |
| V | 0 | 2 | 1 | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 3 | 0 | 218 | 4 | 0 | 4 | 0 | 90.8% | |
| W | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 2 | 4 | 219 | 0 | 1 | 0 | 93.2% | |
| X | 0 | 1 | 0 | 2 | 3 | 2 | 1 | 0 | | 0 | 4 | 5 | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 239 | 1 | 3 | 88.5% | |
| Y | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 3 | | 0 | 1 | 0 | 0 | 0 | 2 | 3 | 4 | 2 | 0 | 1 | 4 | 0 | 5 | 0 | 0 | 248 | 0 | 89.5% | |
| Z | 0 | 0 | 0 | 4 | 4 | 0 | 3 | 1 | | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 10 | 1 | 0 | 0 | 0 | 0 | 1 | 232 | 88.9% | |
| Overall Percentage | 3.9% | 3.9% | 3.5% | 4.1% | 3.7% | 3.9% | 3.9% | 3.5% | | 3.8% | 3.7% | 3.4% | 4.0% | 3.9% | 4.0% | 3.9% | 3.9% | 4.1% | 3.9% | 3.6% | 4.0% | 4.0% | 3.7% | 3.6% | 4.0% | 4.2% | 3.8% | 85.5% | |
| Growing Method: CRT  Dependent Variable: lettr | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |