Confusion Matrices

Cross-Section

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Remote Municipalities [2002-2009] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 0 | 0 | 0 | 0 |
| Event | 2 | 3 | 0 | 5 |
| Prediction Accuracy (%) | | 60.0 [14.6, 94.7] | | 100 [47.8, 100] | |
| Cohen’s Kappa | | 0.00 [-1.07, 1.07] | | NA | |
| 95% Confidence intervals in brackets | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Non-Remote Municipalities [2002-2009] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 0 | 0 | 0 | 0 |
| Event | 4 | 1 | 1 | 4 |
| Prediction Accuracy (%) | | 20.0 [0.05, 71.6] | | 80.0 [28.4, 99.5] | |
| Cohen’s Kappa | | 0.00 [-0.44, 0.44] | | 0.00 [-1.75, 1.75] | |
| 95% Confidence intervals in brackets | | | | | |

Grouped Years

Remote

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Remote Municipalities [2002-2004] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 1 | 1 | 2 | 0 |
| Event | 8 | 5 | 7 | 6 |
| Prediction Accuracy (%) | | 40.0 [16.3, 67.7] | | 53.3 [26.6, 78.7] | |
| Cohen’s Kappa | | -0.05 [-0.48, 0.39] | | 0.186 [-0.25, 0.63] | |
| 95% Confidence intervals in brackets | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Remote Municipalities [2005-2007] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 9 | 1 | 10 | 0 |
| Event | 2 | 3 | 5 | 0 |
| Prediction Accuracy (%) | | 80.0 [51.9, 95.7] | | 66.7 [38.4, 88.2] | |
| Cohen’s Kappa | | 0.53 [0.05, 1.01] | | 0.00 [-0.72, 0.72] | |
| 95% Confidence intervals in brackets | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Remote Municipalities [2008-2009] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 8 | 1 | 9 | 0 |
| Event | 1 | 0 | 0 | 1 |
| Prediction Accuracy (%) | | 80.0 [44.4, 97.5] | | 100 [69.2, 100] | |
| Cohen’s Kappa | | -0.11 [-1.49, 1.27] | | NA | |
| 95% Confidence intervals in brackets | | | | | |

Grouped Years

Non-remote

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Non-Remote Municipalities [2002-2004] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 3 | 0 | 3 | 0 |
| Event | 11 | 1 | 10 | 2 |
| Prediction Accuracy (%) | | 26.6 [7.8, 55.1] | | 33.3 [11.8, 61.6] | |
| Cohen’s Kappa | | 0.04 [-0.26, 0.33] | | 0.07 [-0.26, 0.41] | |
| 95% Confidence intervals in brackets | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Non-Remote Municipalities [2005-2007] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 10 | 0 | 10 | 0 |
| Event | 5 | 0 | 4 | 1 |
| Prediction Accuracy (%) | | 66.7 [38.4, 88.2] | | 73.3 [45.0, 92.2] | |
| Cohen’s Kappa | | 0.00 [-0.72, 0.72] | | 0.25 [-0.38, 0.88] | |
| 95% Confidence intervals in brackets | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Non-Remote Municipalities [2008-2009] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 8 | 0 | 8 | 0 |
| Event | 2 | 0 | 1 | 1 |
| Prediction Accuracy (%) | | 80.0 [44.4, 97.5] | | 90.0 [55.5, 99.8] | |
| Cohen’s Kappa | | 0.00 [-1.24, 1.24] | | 0.62 [-0.10, 1.33] | |
| 95% Confidence intervals in brackets | | | | | |