**Confusion Matrices**

1. One event per year over 8 years; adds to 40 [2 tables total]
2. One event over 8 years; adds to 5 [2 tables total]
3. One event per year in time slice; add to 15 or 10 [6 tables total]
4. One event over time slice years; adds to 5 [6 tables total]
5. **One event per year over 8 years; adds to 40 [2 tables total]**

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| --- | --- | --- | --- | --- | --- |
| Selected Remote Municipalities [2002-2009] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 18 | 3 | 21 | 0 |
| Event | 11 | 8 | 12 | 7 |
| Prediction Accuracy (%) | | 65 [48.3,79.4] | | 70 [53.5, 83.4] | |
| Cohen’s Kappa | | 0.28 [-0.02, 0.59] | | 0.38 [0.09, 0.67] | |
| 95% Confidence intervals in brackets  Report at least one event per year over eight years. | | | | | |

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| Selected Non-Remote Municipalities [2002-2009] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 21 | 0 | 21 | 0 |
| Event | 18 | 1 | 15 | 4 |
| Prediction Accuracy (%) | | 55.0 [38.5, 70.7] | | 62.5 [45.8, 77.3] | |
| Cohen’s Kappa | | 0.06 [-0.27, 0.38] | | 0.22 [-0.09, 0.53] | |
| 95% Confidence intervals in brackets  Report at least one event per year over eight years. | | | | | |

1. **One event over 8 years; adds to 5 [2 tables total]**

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| --- | --- | --- | --- | --- | --- |
| Selected 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 [14.66, 94.73] | | 100 [47.82, 100] | |
| Cohen’s Kappa | | 0 [-1.07, 1.07] | | NA | |
| 95% Confidence intervals in brackets  Report at least one event over eight years. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Selected 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 [0.51, 71.64] | | 80 [28.36, 99.49] | |
| Cohen’s Kappa | | 0 [-0.44, 0.44] | | 0 [-1.75, 1.75] | |
| 95% Confidence intervals in brackets  Report at least one event over eight years. | | | | | |

1. **One event per year in time slice; add to 15 or 10 [6 tables total]**

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| --- | --- | --- | --- | --- | --- |
| Selected 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 (%) | | 40.00 [16.34, 67.71] | | 53.33 [26.59, 78.73] | |
| Cohen’s Kappa | | -0.05 [-0.48, 0.39] | | 0.19 [-0.25, 0.63] | |
| 95% Confidence intervals in brackets  Report at least one event per year. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Selected 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 (%) | | 80.00 [51.91, 95.67] | | 66.67 [38.38, 88.18] | |
| Cohen’s Kappa | | 0.53 [0.05, 1.01] | | 0.00 [-0.72, 0.72] | |
| 95% Confidence intervals in brackets  Report at least one event per year. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Selected 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 [44.39, 97.48] | | 100 [69.15, 100] | |
| Cohen’s Kappa | | -0.11 [-1.49, 1.27] | | 1.00 [1, 1] | |
| 95% Confidence intervals in brackets  Report at least one event per year. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Selected 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 (%) | | 26.67 [7.79, 55.1] | | 33.33 [11.82, 61.62] | |
| Cohen’s Kappa | | 0.04 [-0.26, 0.33] | | 0.07 [-0.26, 0.41] | |
| 95% Confidence intervals in brackets  Report at least one event per year. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Selected 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 (%) | | 66.67 [38.38, 88.18] | | 73.33 [44.9, 92.21] | |
| Cohen’s Kappa | | 0.00 [-0.72, 0.72] | | 0.25 [-0.38, 0.88] | |
| 95% Confidence intervals in brackets  Report at least one event per year. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Selected 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 [44.39, 97.48] | | 90 [55.5, 99.75] | |
| Cohen’s Kappa | | 0.00 [-1.24, 1.24] | | 0.62 [-0.1, 1.33] | |
| 95% Confidence intervals in brackets  Report at least one event per year. | | | | | |

1. **One event over time slice years; adds to 5 [6 tables total]**

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| --- | --- | --- | --- | --- | --- |
| Selected Remote Municipalities [2002-2004] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 0 | 0 | 0 | 0 |
| Event | 2 | 3 | 0 | 5 |
| Prediction Accuracy (%) | | 60 [14.66, 94.73] | | 100 [47.82, 100] | |
| Cohen’s Kappa | | 0 [-1.07, 1.07] | | NA | |
| 95% Confidence intervals in brackets  Report at least one event over year aggregation. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Selected Remote Municipalities [2005-2007] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 1 | 0 | 1 | 0 |
| Event | 2 | 2 | 4 | 0 |
| Prediction Accuracy (%) | | 60 [14.66, 94.73] | | 20 [0.51, 71.64] | |
| Cohen’s Kappa | | 0.29 [-0.48, 1.05] | | 0.00 [-0.44, 0.44] | |
| 95% Confidence intervals in brackets  Report at least one event over year aggregation. | | | | | |

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| Selected Remote Municipalities [2008-2009] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 3 | 1 | 4 | 0 |
| Event | 1 | 0 | 0 | 1 |
| Prediction Accuracy (%) | | 60 [14.66, 94.73] | | 100 [47.82, 100] | |
| Cohen’s Kappa | | -0.25 [-1.59, 1.09] | | 1.00 [1,1] | |
| 95% Confidence intervals in brackets  Report at least one event over year aggregation. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Selected Non-Remote Municipalities [2002-2004] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 0 | 0 | 0 | 0 |
| Event | 4 | 1 | 3 | 2 |
| Prediction Accuracy (%) | | 20 [0.51, 71.64] | | 40 [5.27, 85.34] | |
| Cohen’s Kappa | | 0 [-0.44, 0.44] | | 0 [-0.72, 0.72] | |
| 95% Confidence intervals in brackets  Report at least one event over year aggregation. | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Selected Non-Remote Municipalities [2005-2007] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 2 | 0 | 2 | 0 |
| Event | 3 | 0 | 2 | 1 |
| Prediction Accuracy (%) | | 40 [5.27, 85.34] | | 60 [14.66, 94.73] | |
| Cohen’s Kappa | | 0.00 [-0.72, 0.72] | | 0.29 [-0.48, 1.05] | |
| 95% Confidence intervals in brackets  Report at least one event over year aggregation. | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Selected Non-Remote Municipalities [2008-2009] | | | | | |
|  |  | ICEWS | | GED | |
|  |  | No Event | Event | No Event | Event |
| CINEP | No Event | 3 | 0 | 3 | 0 |
| Event | 2 | 0 | 1 | 1 |
| Prediction Accuracy (%) | | 60 [14.66, 94.73] | | 80 [28.36, 99.49] | |
| Cohen’s Kappa | | 0.00 [-1.07, 1.07] | | 0.55 [-0.25, 1.34] | |
| 95% Confidence intervals in brackets  Report at least one event over year aggregation. | | | | | |