APÊNDICE D – Avaliação de Resultados de Teste de Parametrização

Figura 71 – Avaliação das parametrizações *J48*

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Analysing:  Percent_correct
Dataset                    (1) trees.J4 | (2) trees (3) trees (4) trees (5) trees (6) trees (7) trees (8) trees (9) trees (10) tree (11) tree (12) tree (13) tree (14) tree (15) tree (16) tree (17) tree (18) tree

acidentes060_precipitacao(100)   83.22 |   83.16     82.63 *   81.67 *   83.31     82.73 *   81.72 *   83.76 v   82.29 *   84.48     86.90 v   84.34     81.81     86.94 v   84.46     81.52 *   86.82 v   81.66
acidentes060_nublado      (100)  82.07 |   81.51     81.24 *   80.40 *   81.88     81.69     80.74 *   82.25     81.27 *   83.47     84.98 v   82.27     79.23 *   85.86 v   82.62     79.34 *   86.74 v   79.64 *
acidentes060_ceuClaro     (100)  81.22 |   80.44 *   79.78 *   78.45 *   81.38     80.73 *   79.45 *   81.88 v   79.96 *   83.19 v   84.80 v   82.54 v   80.52     85.37 v   82.80 v   80.54     85.90 v   80.57
acidentes060_vento        (100)  78.24 |   68.79 *   68.49 *   70.82     77.24     73.57     73.41     81.83     80.61     79.11     82.32     79.09     77.64     82.51     79.10     78.34     82.31     78.91
acidentes060_neblina      (100)  89.33 |   91.67     89.33     83.67     91.67     89.33     83.33     91.67     83.33     83.83     94.50     84.00     81.17     94.50     83.83     80.67     94.50     83.50
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Average                          82.82 |   81.11     80.30     79.00     83.09     81.61     79.73     84.28     81.49     82.82     86.70     82.45     80.07     87.04     82.56     80.08     87.25     80.86
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                           (v/ /*) |   (0/3/2)   (0/1/4)   (0/2/3)   (0/5/0)   (0/3/2)   (0/2/3)   (2/3/0)   (0/2/3)   (1/4/0)   (3/2/0)   (1/4/0)   (0/4/1)   (3/2/0)   (1/4/0)   (0/3/2)   (3/2/0)   (0/4/1)

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Analysing:  Kappa_statistic
Dataset                    (1) trees.J | (2) tree (3) tree (4) tree (5) tree (6) tree (7) tree (8) tree (9) tree (10) tre (11) tre (12) tre (13) tre (14) tre (15) tre (16) tre (17) tre (18) tre

acidentes060_precipitacao(100)    0.67 |   0.66     0.65 *   0.63 *   0.67     0.66 *   0.64 *   0.68 v   0.65 *   0.69     0.74 v   0.69     0.64     0.74 v   0.69     0.63     0.74 v   0.64
acidentes060_nublado      (100)   0.66 |   0.65     0.65 *   0.63 *   0.66     0.66     0.64 *   0.67     0.65 *   0.69     0.72 v   0.67     0.61 *   0.73 v   0.67     0.61 *   0.75 v   0.62 *
acidentes060_ceuClaro     (100)   0.65 |   0.64 *   0.63 *   0.60 *   0.66     0.64 *   0.62 *   0.67 v   0.63 *   0.69 v   0.72 v   0.68 v   0.64     0.73 v   0.68 v   0.64     0.74 v   0.64
acidentes060_vento        (100)   0.57 |   0.33 *   0.32 *   0.34 *   0.53     0.46     0.44     0.64     0.62     0.62     0.67     0.61     0.58     0.68     0.61     0.60     0.67     0.61
acidentes060_neblina      (100)   0.80 |   0.85     0.80     0.70     0.85     0.80     0.69     0.85     0.69     0.69     0.90     0.70     0.65     0.90     0.69     0.64     0.90     0.69
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Average                           0.67 |   0.63     0.61     0.58     0.67     0.64     0.61     0.70     0.65     0.68     0.75     0.67     0.62     0.76     0.67     0.62     0.76     0.64
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                           (v/ /*) |   (0/3/2)   (0/1/4)   (0/1/4)   (0/5/0)   (0/3/2)   (0/2/3)   (2/3/0)   (0/2/3)   (1/4/0)   (3/2/0)   (1/4/0)   (0/4/1)   (3/2/0)   (1/4/0)   (0/4/1)   (3/2/0)   (0/4/1)

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Analysing:  IR_precision
Dataset                    (1) trees.J | (2) tree (3) tree (4) tree (5) tree (6) tree (7) tree (8) tree (9) tree (10) tre (11) tre (12) tre (13) tre (14) tre (15) tre (16) tre (17) tre (18) tre

acidentes060_precipitacao(100)    0.81 |   0.81     0.80     0.80 *   0.81     0.80     0.80 *   0.81     0.80     0.83 v   0.84 v   0.82 v   0.80     0.84 v   0.82 v   0.81     0.85 v   0.81
acidentes060_nublado      (100)   0.76 |   0.75     0.75     0.74 *   0.75     0.75     0.74 *   0.76     0.75 *   0.82 v   0.82 v   0.79 v   0.76     0.83 v   0.80 v   0.77     0.85 v   0.78
acidentes060_ceuClaro     (100)   0.74 |   0.74     0.73 *   0.73 *   0.74 v   0.74 *   0.73 *   0.74 v   0.73 *   0.81 v   0.82 v   0.79 v   0.77 v   0.83 v   0.80 v   0.78 v   0.83 v   0.78 v
acidentes060_vento        (89)    0.64 |   0.23     0.20 *   0.26     0.59     0.48     0.56     0.70     0.68     0.71     0.74     0.71     0.68     0.75     0.71     0.69     0.74     0.70
acidentes060_neblina      (98)    0.90 |   0.94     0.90     0.86     0.94     0.90     0.86     0.94     0.86     0.84     0.95     0.84     0.84     0.95     0.84     0.83     0.95     0.89
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Average                           0.77 |   0.69     0.68     0.68     0.76     0.73     0.74     0.79     0.76     0.80     0.83     0.79     0.77     0.84     0.79     0.78     0.84     0.79
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                           (v/ /*) |   (0/5/0)   (0/3/2)   (0/2/3)   (1/4/0)   (0/4/1)   (0/2/3)   (1/4/0)   (0/3/2)   (3/2/0)   (3/2/0)   (3/2/0)   (1/4/0)   (3/2/0)   (3/2/0)   (1/4/0)   (3/2/0)   (1/4/0)

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Analysing:  Area_under_ROC
Dataset                    (1) trees.J | (2) tree (3) tree (4) tree (5) tree (6) tree (7) tree (8) tree (9) tree (10) tre (11) tre (12) tre (13) tre (14) tre (15) tre (16) tre (17) tre (18) tre

acidentes060_precipitacao(100)    0.89 |   0.88     0.88 *   0.87 *   0.88     0.88 *   0.87 *   0.89     0.88     0.90     0.91 v   0.89     0.88     0.91 v   0.90     0.88     0.91 v   0.89
acidentes060_nublado      (100)   0.88 |   0.87     0.87     0.87 *   0.88     0.88     0.87 *   0.88     0.88     0.91 v   0.90     0.89     0.88     0.90 v   0.90 v   0.88     0.91 v   0.89
acidentes060_ceuClaro     (100)   0.89 |   0.88 *   0.88 *   0.87 *   0.89     0.89 *   0.88 *   0.89 v   0.88 *   0.91 v   0.91 v   0.90 v   0.89     0.90 v   0.91 v   0.90     0.91 v   0.90
acidentes060_vento        (100)   0.82 |   0.65 *   0.65 *   0.63 *   0.79     0.76     0.74     0.85     0.83     0.82     0.84     0.82     0.82     0.84     0.82     0.83     0.83     0.83
acidentes060_neblina      (100)   0.92 |   0.93     0.92     0.92     0.93     0.92     0.92     0.93     0.92     0.85     0.94     0.85     0.82     0.94     0.85     0.82     0.94     0.85
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Average                           0.88 |   0.84     0.84     0.83     0.87     0.86     0.86     0.89     0.88     0.88     0.90     0.87     0.86     0.90     0.87     0.86     0.90     0.87
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                           (v/ /*) |   (0/3/2)   (0/2/3)   (0/1/4)   (0/5/0)   (0/3/2)   (0/2/3)   (1/4/0)   (0/4/1)   (2/3/0)   (2/3/0)   (1/4/0)   (0/5/0)   (3/2/0)   (2/3/0)   (0/5/0)   (3/2/0)   (0/5/0)
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Fonte: Vieira (2018)