

Data domain

Features: Zero, One, Two, Three, Four, Five, Six, Seven, Eight, Nine, Ten, Eleven, Twelve, Thirteen, Fourteen, Fifteen, Sixteen, Seventeen, Eighteen (total: 19 features)
Target: Class

Rule induction algorithm

Rule ordering: unordered
Covering algorithm: weighted
Gamma: 0.7
Evaluation measure: wracc
Beam width: 5
Minimum rule coverage: 1
Maximum rule length: 5
Default alpha: 1.0
Parent alpha: 1.0

Induced rules

| | IF conditions | THEN class | Distribution | Probabilities [%] | Quality | Length |
|----|--|------------|------------------|-------------------|----------|--------|
| | Fifteen≥-0.343546779 AND Four≤2.393726282 AND Fifteen≥-0.007783632 AND Four≥-0.461010186 AND Thirteen≤3.527759281 | → Class=0 | [1151, 243] | 83 : 17 | 0.091 | 5 |
| 1 | Fifteen≥-0.134387922 AND Four≤1.710508525 AND Seven≥-0.615572152 AND Eight≤2.602101004 AND Six≤2.721477765 | → Class=0 | [1103.1, 451.0] | 71 : 29 | 0.083 | 5 |
| 2 | Fifteen≥-0.134387922 AND Fifteen≤4.446826786 AND Four≤2.395054669 AND Fourteen≤1.869253149 AND Seventeen≥-1.96549274 | → Class=0 | [1303.2, 1064.0] | 55 : 45 | 0.071 | 5 |
| 3 | Fifteen≥-1.194909852 AND Fifteen≥-0.441697803 AND Eight≥-3.228344129 AND Four≤3.174541224 AND Zero≥-3.209771089 | → Class=0 | [1142.8, 1430.0] | 44 : 56 | 0.053 | 5 |
| 4 | Fifteen≥-1.194909852 AND Sixteen≤1.260537701 AND Fifteen≤4.446826786 AND Zero≤1.367894959 AND Three≥-1.947004367 | → Class=0 | [817.7, 1411.0] | 37 : 63 | 0.040 | 5 |
| 5 | Fifteen≥-0.99821052 AND One≤1.525162729 AND Fifteen≤2.276904266 AND Seventeen≥-1.946950271 AND Eleven≤2.259694402 | → Class=0 | [580.1, 1301.0] | 31 : 69 | 0.032 | 5 |
| 6 | Fifteen≥-2.289481746 AND Seven≥0.671267187 AND Four≤0.050331377 | → Class=0 | [197.9, 156.0] | 56 : 44 | 0.039 | 3 |
| 7 | Fifteen≥-2.289481746 AND Fifteen≥-0.873539448 AND Four≥-0.211022993 AND Four≤3.503004631 AND Seven≤-0.119859127 | → Class=0 | [185.7, 255.0] | 42 : 58 | 0.032 | 5 |
| 8 | Fifteen≥-2.650595749 AND Seven≥-0.260563067 AND Four≤0.280642552 AND Four≥-2.377311819 AND Eighteen≥-2.617694949 | → Class=0 | [247.5, 432.0] | 36 : 64 | 0.041 | 5 |
| 9 | Thirteen≥-0.586933925 AND Fifteen≥-1.947245359 AND Eighteen≤1.607044303 AND Seventeen≤1.857035427 AND Threes≤0.887221034 | → Class=0 | [266.8, 1054.0] | 20 : 80 | 0.018 | 5 |
| 10 | Fifteen≥-2.650595749 AND Eleven≥-0.853187149 AND Fifteen≥-1.184376505 AND Tens≤0.83720525 AND Threes≤2.223244369 | → Class=0 | [227.9, 1120.0] | 17 : 83 | 0.015 | 5 |
| 11 | Fifteen≥-2.650595749 AND Fifteen≥0.885117127 AND Four≥-0.795949153 AND Threes≤2.388982703 AND Fours≤1.487693623 | → Class=0 | [70.4, 62.0] | 53 : 47 | 0.019 | 5 |
| 12 | Fifteen≥-2.650595749 AND Seventeen≤0.991701778 AND Eighteen≥-1.361192497 AND Fifteen≥-2.642711825 AND Fifteen≥-2.289481746 | → Class=0 | [245.2, 1707.0] | 13 : 87 | 0.011 | 5 |
| 13 | Four≥2.554845621 AND Fifteen≤0.18437118 AND One≥-2.21898916 AND Nines≤2.460249607 | → Class=0 | [24.8, 29.0] | 46 : 54 | 0.007 | 4 |
| 14 | Fours≤-0.673169335 AND Seven≥0.003650857 AND Fifteen≥-2.612400144 | → Class=0 | [54.8, 194.0] | 22 : 78 | 0.012 | 3 |
| 15 | Fifteen≥-2.650595749 AND Eight≤0.155153081 AND Fourteen≤1.444992901 AND Eighteen≤1.59682009 AND Two≤2.284272298 | → Class=0 | [112.5, 1070.0] | 10 : 90 | 0.007 | 5 |
| 16 | Fifteen≥-2.650595749 AND Eight≥-0.23011387 AND Thirteen≤0.429900862 AND Ten≥-1.16996581 AND Fifteen≥-2.2848328 | → Class=0 | [69.6, 728.0] | 9 : 91 | 0.006 | 5 |
| 17 | Fifteen≥-2.650595749 AND Sixteen≥0.144116442 AND Fourteen≥-1.401520455 AND One≤1.232147109 AND Six≥-2.112342382 | → Class=0 | [67.5, 821.0] | 8 : 92 | 0.006 | 5 |
| 18 | Four≥2.260581264 AND Fifteen≤0.440416107 AND One≥-2.298153368 | → Class=0 | [16.0, 72.0] | 19 : 81 | 0.004 | 3 |
| 19 | Fours≤-1.269351223 AND Fifteen≤0.630713373 AND Eleven≤2.453540112 AND Eleven≥-1.801083426 AND Zero≥-1.750904116 | → Class=0 | [18.6, 44.0] | 30 : 70 | 0.006 | 5 |
| 20 | One≥0.630354719 AND Fifteen≥0.14838141 AND Four≥-0.473293361 AND Fours≤1.963966918 | → Class=0 | [10.1, 31.0] | 26 : 74 | 0.003 | 4 |
| 21 | Fifteen≥-2.650595749 AND Seven≥1.006385965 AND Seven≤3.277318105 AND Fours≤-0.430974568 AND Four≥-2.563645863 | → Class=0 | [14.7, 58.0] | 21 : 79 | 0.004 | 5 |
| 22 | Five≥0.756213416 AND Two≤2.106398254 AND Fifteen≥-3.60607008 AND Zero≥-0.846816903 AND Seven≤2.748210805 | → Class=0 | [26.6, 395.0] | 7 : 93 | 0.003 | 5 |
| 23 | Fifteen≥-2.650595749 AND Five≤1.833390733 AND Eleven≥-1.950239587 AND Eighteen≥-3.287196065 AND Eighteen≥-2.629888174 | → Class=0 | [105.6, 2185.0] | 5 : 95 | 0.003 | 5 |
| 24 | Fifteen≥-2.023293942 AND Eight≥-3.228344129 AND Eleven≥-3.552999838 AND Eleven≥-3.168698829 AND Threes≤2.680631524 | → Class=0 | [74.3, 2160.0] | 3 : 97 | 0.002 | 5 |
| 25 | Zero≥0.477621985 AND Two≤1.795613755 AND Seven≤1.095645966 AND Six≤0.706062295 AND Sixteen≤1.625363179 | → Class=0 | [13.2, 394.0] | 3 : 97 | 0.002 | 5 |
| 26 | Fifteen≥-2.650595749 AND Zero≤0.708743846 AND Fourteen≤1.881013141 AND One≤3.010467229 AND One≥-1.435093577 | → Class=0 | [38.9, 1563.0] | 2 : 98 | 0.002 | 5 |
| 27 | Zero≥0.477621985 AND Sixteen≤1.575446947 AND Fourteen≤1.260654412 AND Fourteen≥-1.003522297 AND Tens≤0.303443354 | → Class=0 | [7.7, 288.0] | 3 : 97 | 0.001 | 5 |
| 28 | Fifteen≥-2.650595749 AND Threes≤2.680631524 AND Zero≤0.15362509 | → Class=0 | [23.3, 1294.0] | 2 : 98 | 0.001 | 3 |
| 29 | Zero≥0.477621985 AND Nine≥-1.552515014 AND Fifteen≥-3.60607008 AND Three≥-1.927274837 AND Six≥-2.055043914 | → Class=0 | [11.9, 678.0] | 2 : 98 | 0.001 | 5 |
| 30 | Fifteen≥-2.650595749 AND Eleven≥-3.552999838 AND Eleven≤1.497192746 AND Zero≤1.042288916 | → Class=0 | [23.7, 1850.0] | 1 : 99 | 8.26e-04 | 4 |
| 31 | Fifteen≥-3.60607008 AND Zero≥1.146056035 AND Seventeen≤1.750742769 AND Twelve≤1.052849155 AND Five≤1.231266008 | → Class=0 | [3.1, 205.0] | 2 : 98 | 4.98e-04 | 5 |
| 32 | Fifteen≥-2.650595749 AND Fourteen≥-3.017924403 AND Fourteen≥0.171494076 | → Class=0 | [9.4, 969.0] | 1 : 99 | 4.89e-04 | 3 |
| 33 | Fourteen≤-0.465356973 AND Two≤1.307117078 AND Zero≤1.377992285 AND Six≥-1.308096134 AND Fifteen≥-3.60607008 | → Class=0 | [5.7, 557.0] | 1 : 99 | 6.33e-04 | 5 |
| 34 | Fifteen≥-2.650595749 AND Fourteen≥-3.017924403 AND Fourteen≤1.002462074 AND Fours≤0.050331377 AND Seven≥0.102032531 | → Class=0 | [4.0, 240.0] | 2 : 98 | 9.63e-04 | 5 |
| 35 | Fifteen≥-0.347574743 AND Four≥-0.175690617 AND Four≤2.395054669 | → Class=0 | [5.1, 321.0] | 2 : 98 | 0.001 | 3 |
| 36 | Eighteen≥0.450953342 AND Nine≤1.239358767 AND Seven≤2.929161604 AND One≤1.858765539 AND Fourteen≥-0.536749211 | → Class=0 | [3.6, 451.0] | 1 : 99 | 4.21e-04 | 5 |
| 37 | Eight≤0.05968537 AND Two≤0.013263674 AND Fifteen≥-3.509985847 AND One≤1.226418105 AND | → Class=0 | [3.2, 428.0] | 1 : 99 | 4.13e- | 5 |

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|----|---|---|---------|----------------|---------|----------|---|
| | Sixteen≤0.901441051 | | | | | 04 | |
| 38 | Fifteen≥-2.650595749 | → | Class=0 | [11.6, 2332.0] | 1 : 99 | 2.20e-04 | 1 |
| 39 | Eleven≥-3.552999838 AND Eleven≥0.949520726 AND Five≥-1.773555235 AND One≤1.184064486 AND Sixteen≥-1.635143835 | → | Class=0 | [1.5, 326.0] | 1 : 99 | 1.57e-04 | 5 |
| 40 | Fifteen≥-3.60607008 AND Four≤-1.015265566 AND Fifteen≤0.481873205 AND Two≥-2.225902042 AND Eleven≥-2.130476101 | → | Class=0 | [1.2, 57.0] | 4 : 96 | 4.11e-04 | 5 |
| 41 | Fifteen≥-2.650595749 AND Eleven≤0.860371607 AND Fifteen≥-0.347574743 AND Four≥-0.503178041 AND Four≤1.960057188 | → | Class=0 | [1.8, 260.0] | 1 : 99 | 4.14e-04 | 5 |
| 42 | Fifteen≥-2.650595749 AND Eighteen≤3.640622681 AND Eighteen≤0.385172191 AND Eleven≤0.860371607 AND Seventeen≤2.020389218 | → | Class=0 | [3.8, 1171.0] | 0 : 100 | 2.26e-04 | 5 |
| 43 | Eighteen≥0.303567067 AND Fourteen≥0.742675052 AND Thirteen≤2.009893254 AND Seventeen≥-0.466419555 AND Zero≥-0.962779088 | → | Class=0 | [1.3, 368.0] | 1 : 99 | 1.87e-04 | 5 |
| 44 | Fifteen≥-2.650595749 AND Eleven≥0.690821544 AND Thirteen≥-1.322410351 AND Seven≤3.337820598 AND Fourteen≥-1.001034359 | → | Class=0 | [1.2, 400.0] | 1 : 99 | 1.45e-04 | 5 |
| 45 | Fifteen≥-2.289481746 AND Eight≥-3.228344129 AND Three≥-0.048497805 AND Ten≥-0.972519579 | → | Class=0 | [2.3, 935.0] | 0 : 100 | 1.58e-04 | 4 |
| 46 | Three≤0.121960963 AND Fifteen≥-3.509985847 AND One≤1.215044024 AND Two≤2.812233585 AND Two≥-2.944481825 | → | Class=0 | [2.1, 968.0] | 0 : 100 | 1.55e-04 | 5 |
| 47 | Fifteen≥-1.495525139 AND Eleven≥-3.552999838 AND Eleven≤0.346365659 AND Three≥-0.047892222 AND Eight≥-2.15967574 | → | Class=0 | [1.3, 624.0] | 0 : 100 | 1.41e-04 | 5 |
| 48 | Fifteen≥-3.60607008 AND Three≤0.299168305 AND Eleven≥-3.552999838 AND Eleven≥-0.033426514 AND Sixteen≥-1.462181371 | → | Class=0 | [1.1, 670.0] | 0 : 100 | 9.32e-05 | 5 |
| 49 | Fifteen≥-3.60607008 | → | Class=0 | [3.0, 2455.0] | 0 : 100 | 2.27e-05 | 1 |
| 50 | Fifteen≥-3.60607008 AND Eighteen≤3.640622681 | → | Class=0 | [2.1, 2455.0] | 0 : 100 | 1.59e-05 | 2 |
| 51 | Fifteen≥-3.60607008 AND Fourteen≥-3.017924403 | → | Class=0 | [1.5, 2455.0] | 0 : 100 | 1.07e-05 | 2 |
| 52 | Fifteen≥-3.60607008 AND Three≥-3.85650329 | → | Class=0 | [1.0, 2455.0] | 0 : 100 | 7.69e-06 | 2 |
| 53 | Fifteen≤-0.018422395 AND Four≤2.244633079 AND Four≥-1.190353439 | → | Class=1 | [227, 1166] | 16 : 84 | 0.094 | 3 |
| 54 | Fifteen≤-0.134387922 AND Four≤2.527531532 AND Four≥-0.464371319 AND Fourteen≥-3.017924403 AND Eight≥-2.316872261 | → | Class=1 | [121.0, 701.5] | 15 : 85 | 0.069 | 5 |
| 55 | Seven≤0.671267187 AND Four≤-0.211022993 AND Seven≤0.104821716 AND Fifteen≥-0.594878702 AND Four≥-3.0327124 | → | Class=1 | [334.0, 812.0] | 29 : 71 | 0.070 | 5 |
| 56 | Fifteen≤0.298424449 AND Four≤1.843909925 AND Four≥-0.711361587 AND Eight≥-2.316872261 AND Ten≥-2.733327503 | → | Class=1 | [203.0, 594.8] | 26 : 74 | 0.065 | 5 |
| 57 | Seven≤0.871625217 AND Four≤-0.467578942 AND Seven≤0.433129236 AND Fifteen≥-0.060950628 AND Nine≥-2.59570608 | → | Class=1 | [351.0, 577.0] | 38 : 62 | 0.056 | 5 |
| 58 | Fifteen≤0.563215906 AND Four≥-1.283831546 AND Four≤1.511202788 AND Nine≤2.315093718 AND Eight≥-2.418349987 | → | Class=1 | [342.0, 508.3] | 40 : 60 | 0.055 | 5 |
| 59 | Four≥1.903017585 AND Seven≥-0.818709419 AND Six≤2.218052697 AND Nine≥-2.29450142 AND Six≥-2.952737227 | → | Class=1 | [78.0, 226.8] | 26 : 74 | 0.035 | 5 |
| 60 | Fifteen≤-1.194909852 AND Thirteen≥-2.644400929 AND Four≤4.071429495 AND Twelve≥-2.371878033 | → | Class=1 | [85.0, 212.9] | 29 : 71 | 0.033 | 4 |
| 61 | Seven≤1.00044999 AND Four≤-0.493840568 AND Fifteen≥0.225624275 AND Nine≥-2.59570608 AND Thirteen≤1.843161383 | → | Class=1 | [440.0, 416.1] | 51 : 49 | 0.045 | 5 |
| 62 | Fifteen≤-0.99821052 AND Four≤3.525494857 AND Thirteen≥-2.644400929 AND Sixteen≥-3.03152781 AND Twelve≥-2.371878033 | → | Class=1 | [105.0, 171.7] | 38 : 62 | 0.028 | 5 |
| 63 | Fifteen≤-0.134387922 AND Nine≥-2.503454256 AND Four≤2.860744404 AND Eight≥-2.316872261 AND Twelve≥-2.336387324 | → | Class=1 | [324.0, 250.5] | 56 : 44 | 0.030 | 5 |
| 64 | Seven≤1.008731794 AND Four≤-0.272268445 AND Fifteen≥-0.117173723 AND Nine≥-2.7679664 AND Fourteen≥-1.800287337 | → | Class=1 | [534.0, 325.4] | 62 : 38 | 0.035 | 5 |
| 65 | Four≥1.710508525 AND Zero≥-2.707082336 AND Seven≥-1.251293866 | → | Class=1 | [161.0, 197.0] | 45 : 55 | 0.037 | 3 |
| 66 | Fifteen≤0.758689027 AND Eighteen≥-2.283802758 AND Four≥-1.206855507 AND Nine≤2.116693583 | → | Class=1 | [818.0, 335.8] | 71 : 29 | 0.031 | 4 |
| 67 | Seven≤1.00044999 AND Four≤-0.503178041 AND Sixteen≤2.49467269 AND Fifteen≥0.478049314 | → | Class=1 | [420.0, 196.9] | 68 : 32 | 0.028 | 4 |
| 68 | Twelve≤0.879891738 AND Four≥1.950910025 AND Seven≥-2.203840513 AND Six≤1.90958501 AND Two≤2.264960327 | → | Class=1 | [143.0, 89.9] | 61 : 39 | 0.017 | 5 |
| 69 | Four≥1.218307019 AND Two≤1.959759189 AND Seven≥-1.585707508 AND Eight≥-2.060783845 AND Nine≤2.648151592 | → | Class=1 | [327.0, 142.7] | 70 : 30 | 0.023 | 5 |
| 70 | Four≤-2.219562667 AND Fifteen≥1.846150295 AND Three≤2.63337493 AND Twelve≥-1.856728419 AND Six≥-1.583603457 | → | Class=1 | [39.0, 38.1] | 51 : 49 | 0.009 | 5 |
| 71 | Eleven≤-0.309323881 AND Seven≤0.999287594 AND Four≤0.111130868 AND Seven≤-0.532549987 AND Eight≤2.308310514 | → | Class=1 | [84.0, 49.4] | 63 : 37 | 0.010 | 5 |
| 72 | Five≤0.333495067 AND Sixteen≥-0.985969793 AND Twelve≤0.886310019 AND Eight≥-1.202219687 AND Six≥-0.978645898 | → | Class=1 | [690.0, 141.4] | 83 : 17 | 0.009 | 5 |
| 73 | Fifteen≥-2.650595749 AND Two≥-2.141902283 | → | Class=1 | [3.0, 21.0] | 15 : 85 | 0.006 | 2 |
| 74 | Three≥0.881893522 AND One≥-0.732015931 AND Eight≤1.269041936 AND Two≥-1.973881506 AND Eleven≤2.031222814 | → | Class=1 | [263.0, 57.9] | 82 : 18 | 0.007 | 5 |
| 75 | Three≤-0.048497805 AND Eleven≤0.669268214 AND Six≥-1.622011705 AND Nine≤1.328168056 AND Seven≥-3.016132051 | → | Class=1 | [688.0, 117.9] | 85 : 15 | 0.008 | 5 |
| 76 | Three≥-0.70274373 AND Seven≤0.923578748 AND Four≤-0.015822588 AND Fifteen≥-0.66854705 AND Sixteen≥-2.523263224 | → | Class=1 | [487.0, 99.3] | 83 : 17 | 0.013 | 5 |
| 77 | Fifteen≤-2.289481746 | → | Class=1 | [12.0, 17.5] | 41 : 59 | 0.005 | 1 |
| 78 | Fifteen≤-0.708256709 AND Four≤2.965829901 AND Eight≥-2.385840409 AND Thirteen≥-2.644400929 AND Six≥-2.457983625 | → | Class=1 | [150.0, 48.9] | 75 : 25 | 0.011 | 5 |
| 79 | Four≥2.395054669 AND Fifteen≥0.25762476 AND Seven≥-2.203840513 AND Three≥-2.158462583 | → | Class=1 | [1.0, 23.6] | 8 : 92 | 0.008 | 4 |
| 80 | Four≥1.043009895 AND Nine≤2.648151592 AND Seven≥-0.97145769 AND Six≤2.558306276 | → | Class=1 | [249.0, 69.5] | 78 : 22 | 0.015 | 4 |
| 81 | Four≤-1.153021978 AND Fifteen≥0.660482199 AND Seven≤0.186257234 | → | Class=1 | [153.0, 41.0] | 79 : 21 | 0.009 | 3 |
| 82 | Sixteen≤-0.072788578 AND One≥-1.757272303 AND Seventeen≤0.563462753 AND Zero≥-1.476782214 AND Twelve≤1.740374933 | → | Class=1 | [671.0, 68.3] | 91 : 9 | 0.004 | 5 |
| 83 | Ten≤-0.770289084 AND Fifteen≤0.276165411 AND Four≤1.982364948 AND Eleven≤2.575112153 AND Twelve≤1.544130895 | → | Class=1 | [87.0, 18.0] | 82 : 18 | 0.004 | 5 |
| 84 | Seventeen≥0.932716755 AND Eight≥-0.757416822 AND Eighteen≥-1.974492444 AND Seven≤1.826803491 AND Seventeen≤2.992275957 | → | Class=1 | [269.0, 30.5] | 90 : 10 | 0.004 | 5 |
| 85 | Twelve≤-0.272816224 AND Ten≤1.564840404 AND Seventeen≥-0.615525901 AND Eighteen≥-0.902478475 AND Six≥-1.600690519 | → | Class=1 | [450.0, 41.7] | 91 : 9 | 0.004 | 5 |
| 86 | Twelve≥-1.032067454 AND Thirteen≤-0.627517102 AND Ten≤1.882415741 AND Fourteen≥-2.521981885 AND Six≥-2.497897796 | → | Class=1 | [480.0, 42.2] | 92 : 8 | 0.004 | 5 |
| 87 | Ten≥0.836271153 AND Seven≤0.828096747 AND Seventeen≤0.969035397 AND Six≤0.992421787 AND Eight≥-1.348841734 | → | Class=1 | [172.0, 17.8] | 90 : 10 | 0.003 | 5 |

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|-----------|--|-----------|---------------|---------|-------|---|
| 88 | Sixteen≥0.987962582 AND Zero≤2.641271121 AND Seven≥-2.567283881 AND Five≤1.158816077 AND Nine≥-1.213238165 | → Class=1 | [270.0, 21.8] | 92 : 8 | 0.002 | 5 |
| 89 | Sixteen≤0.764735595 AND Thirteen≥0.571377082 AND Fifteen≤0.924327919 AND Four≥-1.615308607 AND Eight≥-1.934683404 | → Class=1 | [197.0, 22.1] | 90 : 10 | 0.004 | 5 |
| 90 | Six≤-1.375606325 AND Thirteen≥-0.572376416 AND Eight≤1.815005424 AND Three≥-0.746116592 AND Eighteen≥-0.174673501 | → Class=1 | [55.0, 8.0] | 86 : 14 | 0.002 | 5 |
| 91 | Twelve≥-1.032067454 AND Sixteen≥-0.502157975 AND Seven≥-3.106421904 AND Fourteen≤0.241072626 AND Eleven≥-1.796976568 | → Class=1 | [787.0, 49.3] | 94 : 6 | 0.004 | 5 |
| 92 | Fourteen≥1.923918479 AND Five≥-0.564777892 AND Nine≤0.835496127 | → Class=1 | [25.0, 4.7] | 82 : 18 | 0.001 | 3 |
| 93 | Eighteen≤0.203068093 AND Seven≤1.374580151 AND Four≤-0.473713922 AND Fifteen≥-0.140531127 AND Five≤1.847516446 | → Class=1 | [351.0, 26.3] | 93 : 7 | 0.004 | 5 |
| 94 | Nine≥0.99918523 AND Ten≤0.962840083 AND Seven≥-2.060236633 AND Sixteen≤2.488081496 AND Fifteen≤0.520257925 | → Class=1 | [97.0, 8.6] | 91 : 9 | 0.002 | 5 |
| 95 | Four≥3.174541224 AND Fifteen≥0.462339243 | → Class=1 | [0.0, 3.3] | 19 : 81 | 0.001 | 2 |
| 96 | Four≥1.043009895 AND Seven≥0.235529135 | → Class=1 | [52.0, 16.5] | 75 : 25 | 0.005 | 2 |
| 97 | Four≤-2.454392947 AND Fifteen≥2.12282303 AND Four≥-4.079436703 AND Twelve≥-1.856728419 AND Four≥-3.708491097 | → Class=1 | [18.0, 4.1] | 79 : 21 | 0.001 | 5 |
| 98 | Fifteen≤-2.650595749 | → Class=1 | [4.0, 3.3] | 54 : 46 | 0.001 | 1 |
| 99 | Fifteen≤-0.007783632 AND Four≤1.926688751 | → Class=1 | [330.0, 28.9] | 92 : 8 | 0.006 | 2 |
| + 48 more | | | | | | |

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CN2 Rule Viewer

Fri Nov 10 17, 19:07:22

Data domain

Features: Zero, One, Two, Three, Four, Five, Six, Seven, Eight, Nine, Ten, Eleven, Twelve, Thirteen, Fourteen, Fifteen, Sixteen, Seventeen, Eighteen (total: 19 features)
Target: Class

Rule induction algorithm

Rule ordering: unordered
Covering algorithm: weighted
Gamma: 0.7
Evaluation measure: wracc
Beam width: 5
Minimum rule coverage: 1
Maximum rule length: 5
Default alpha: 1.0
Parent alpha: 1.0

Induced rules

| | IF conditions | THEN class | Distribution | Probabilities [%] | Quality | Length |
|----|--|------------|------------------|-------------------|---------|--------|
| | Fifteen≥-0.343546779 AND Four≤2.393726282 AND Fifteen≥-0.007783632 AND Four≥-0.461010186 AND Thirteen≤3.527759281 | → Class=0 | [1151, 243] | 83 : 17 | 0.091 | 5 |
| 1 | Fifteen≥-0.134387922 AND Four≤1.710508525 AND Seven≥-0.615572152 AND Eight≤2.602101004 AND Six≤2.721477765 | → Class=0 | [1103.1, 451.0] | 71 : 29 | 0.083 | 5 |
| 2 | Fifteen≥-0.134387922 AND Fifteen≤4.446826786 AND Four≤2.395054669 AND Fourteen≤1.869253149 AND Seventeen≥-1.96549274 | → Class=0 | [1303.2, 1064.0] | 55 : 45 | 0.071 | 5 |
| 3 | Fifteen≥-1.194909852 AND Fifteen≥-0.441697803 AND Eight≥-3.228344129 AND Four≤3.174541224 AND Zero≥-3.209771089 | → Class=0 | [1142.8, 1430.0] | 44 : 56 | 0.053 | 5 |
| 4 | Fifteen≥-1.194909852 AND Sixteen≤1.260537701 AND Fifteen≤4.446826786 AND Zero≤1.367894959 AND Three≥-1.947004367 | → Class=0 | [817.7, 1411.0] | 37 : 63 | 0.040 | 5 |
| 5 | Fifteen≥-0.99821052 AND Ones≤1.525162729 AND Fifteen≤2.276904266 AND Seventeen≥-1.946950271 AND Eleven≤2.259694402 | → Class=0 | [580.1, 1301.0] | 31 : 69 | 0.032 | 5 |
| 6 | Fifteen≥-2.289481746 AND Seven≥0.671267187 AND Four≤0.050331377 | → Class=0 | [197.9, 156.0] | 56 : 44 | 0.039 | 3 |
| 7 | Fifteen≥-2.289481746 AND Fifteen≥-0.873539448 AND Four≥-0.211022993 AND Four≤3.503004631 AND Seven≤-0.119859127 | → Class=0 | [185.7, 255.0] | 42 : 58 | 0.032 | 5 |
| 8 | Fifteen≥-2.650595749 AND Seven≥-0.260563067 AND Four≤0.280642552 AND Four≥-2.377311819 AND Eighteen≥-2.617694949 | → Class=0 | [247.5, 432.0] | 36 : 64 | 0.041 | 5 |
| 9 | Thirteen≥-0.586933925 AND Fifteen≥-1.947245359 AND Eighteen≤1.607044303 AND Seventeen≤1.857035427 AND Threes≤0.887221034 | → Class=0 | [266.8, 1054.0] | 20 : 80 | 0.018 | 5 |
| 10 | Fifteen≥-2.650595749 AND Eleven≥-0.853187149 AND Fifteen≥-1.184376505 AND Tens≤0.83720525 AND Threes≤2.223244369 | → Class=0 | [227.9, 1120.0] | 17 : 83 | 0.015 | 5 |
| 11 | Fifteen≥-2.650595749 AND Fifteen≥0.885117127 AND Four≥-0.795949153 AND Threes≤2.388982703 AND Fours≤1.487693623 | → Class=0 | [70.4, 62.0] | 53 : 47 | 0.019 | 5 |
| 12 | Fifteen≥-2.650595749 AND Seventeen≤0.991701778 AND Eighteen≥-1.361192497 AND Fifteen≥-2.642711825 AND Fifteen≥-2.289481746 | → Class=0 | [245.2, 1707.0] | 13 : 87 | 0.011 | 5 |
| 13 | Four≥2.554845621 AND Fifteen≤0.18437118 AND One≥-2.21898916 AND Nines≤2.460249607 | → Class=0 | [24.8, 29.0] | 46 : 54 | 0.007 | 4 |
| 14 | Four≤-0.673169335 AND Seven≥0.003650857 AND Fifteen≥-2.612400144 | → Class=0 | [54.8, 194.0] | 22 : 78 | 0.012 | 3 |
| 15 | Fifteen≥-2.650595749 AND Eight≤0.155153081 AND Fourteen≤1.444992901 AND Eighteen≤1.59682009 AND Two≤2.284272298 | → Class=0 | [112.5, 1070.0] | 10 : 90 | 0.007 | 5 |
| 16 | Fifteen≥-2.650595749 AND Eight≥-0.23011387 AND Thirteen≤0.429900862 AND Ten≥-1.16996581 AND Fifteen≥-2.2848328 | → Class=0 | [69.6, 728.0] | 9 : 91 | 0.006 | 5 |
| 17 | Fifteen≥-2.650595749 AND Sixteen≥0.144116442 AND Fourteen≥-1.401520455 AND Ones≤1.232147109 AND Six≥-2.112342382 | → Class=0 | [67.5, 821.0] | 8 : 92 | 0.006 | 5 |
| 18 | Four≥2.260581264 AND Fifteen≤0.440416107 AND One≥-2.298153368 | → Class=0 | [16.0, 72.0] | 19 : 81 | 0.004 | 3 |
| 19 | Fours≤-1.269351223 AND Fifteen≤0.630713373 AND Eleven≤2.453540112 AND Eleven≥-1.801083426 AND Zero≥-1.750904116 | → Class=0 | [18.6, 44.0] | 30 : 70 | 0.006 | 5 |
| 20 | One≥0.630354719 AND Fifteen≥0.14838141 AND Four≥-0.473293361 AND Fours≤1.963966918 | → Class=0 | [10.1, 31.0] | 26 : 74 | 0.003 | 4 |
| 21 | Fifteen≥-2.650595749 AND Seven≥1.006385965 AND Seven≤3.277318105 AND Four≤-0.430974568 AND Four≥-2.563645863 | → Class=0 | [14.7, 58.0] | 21 : 79 | 0.004 | 5 |
| 22 | Five≥0.756213416 AND Two≤2.106398254 AND Fifteen≥-3.60607008 AND Zero≥-0.846816903 AND Seven≤2.748210805 | → Class=0 | [26.6, 395.0] | 7 : 93 | 0.003 | 5 |

| | | | | | | |
|----|---|-----------|-----------------|---------|----------|---|
| 23 | Fifteen≥2.650595749 AND Five≤1.833390733 AND Eleven≥1.950239587 AND Eighteen≥-3.287196065 AND Eighteen≥-2.629888174 | → Class=0 | [105.6, 2185.0] | 5 : 95 | 0.003 | 5 |
| 24 | Fifteen≥-2.023293942 AND Eight≥-3.228344129 AND Eleven≥-3.552999838 AND Eleven≥-3.168698829 AND Three≤2.680631524 | → Class=0 | [74.3, 2160.0] | 3 : 97 | 0.002 | 5 |
| 25 | Zero≥0.477621985 AND Two≤1.795613755 AND Seven≤1.095645966 AND Six≤0.706062295 AND Sixteen≤1.625363179 | → Class=0 | [13.2, 394.0] | 3 : 97 | 0.002 | 5 |
| 26 | Fifteen≥2.650595749 AND Zero≤0.708743846 AND Fourteen≤1.881013141 AND One≤3.010467229 AND One≥-1.435093577 | → Class=0 | [38.9, 1563.0] | 2 : 98 | 0.002 | 5 |
| 27 | Zero≥0.477621985 AND Sixteen≤1.575446947 AND Fourteen≤1.260654412 AND Fourteen≥-1.003522297 AND Ten≤0.303443354 | → Class=0 | [7.7, 288.0] | 3 : 97 | 0.001 | 5 |
| 28 | Fifteen≥-2.650595749 AND Three≤2.680631524 AND Zero≤0.15362509 | → Class=0 | [23.3, 1294.0] | 2 : 98 | 0.001 | 3 |
| 29 | Zero≥0.477621985 AND Nine≥-1.552515014 AND Fifteen≥-3.60607008 AND Three≥-1.927274837 AND Six≥-2.055043914 | → Class=0 | [11.9, 678.0] | 2 : 98 | 0.001 | 5 |
| 30 | Fifteen≥-2.650595749 AND Eleven≥-3.552999838 AND Eleven≤1.497192746 AND Zero≤1.042288916 | → Class=0 | [23.7, 1850.0] | 1 : 99 | 8.26e-04 | 4 |
| 31 | Fifteen≥-3.60607008 AND Zero≥1.146056035 AND Seventeen≤1.750742769 AND Twelve≤1.052849155 AND Five≤1.231266008 | → Class=0 | [3.1, 205.0] | 2 : 98 | 4.98e-04 | 5 |
| 32 | Fifteen≥-2.650595749 AND Fourteen≥-3.017924403 AND Fourteen≥0.171494076 | → Class=0 | [9.4, 969.0] | 1 : 99 | 4.89e-04 | 3 |
| 33 | Fourteen≤-0.465356973 AND Two≤1.307117078 AND Zero≤1.377992285 AND Six≥-1.308096134 AND Fifteen≥-3.60607008 | → Class=0 | [5.7, 557.0] | 1 : 99 | 6.33e-04 | 5 |
| 34 | Fifteen≥-2.650595749 AND Fourteen≥-3.017924403 AND Fourteen≤1.002462074 AND Four≤0.050331377 AND Seven≥0.102032531 | → Class=0 | [4.0, 240.0] | 2 : 98 | 9.63e-04 | 5 |
| 35 | Fifteen≥-0.347574743 AND Four≥-0.175690617 AND Four≤2.395054669 | → Class=0 | [5.1, 321.0] | 2 : 98 | 0.001 | 3 |
| 36 | Eighteen≥0.450953342 AND Nine≤1.239358767 AND Seven≤2.929161604 AND One≤1.858765539 AND Fourteen≥-0.536749211 | → Class=0 | [3.6, 451.0] | 1 : 99 | 4.21e-04 | 5 |
| 37 | Eight≤0.059668537 AND Two≤0.013263674 AND Fifteen≥-3.509985847 AND One≤1.226418105 AND Sixteen≤0.901441051 | → Class=0 | [3.2, 428.0] | 1 : 99 | 4.13e-04 | 5 |
| 38 | Fifteen≥-2.650595749 | → Class=0 | [11.6, 2332.0] | 1 : 99 | 2.20e-04 | 1 |
| 39 | Eleven≥-3.552999838 AND Eleven≥0.949520726 AND Five≥-1.773555235 AND One≤1.184064486 AND Sixteen≥-1.635143835 | → Class=0 | [1.5, 326.0] | 1 : 99 | 1.57e-04 | 5 |
| 40 | Fifteen≥-3.60607008 AND Four≤-1.015265566 AND Fifteen≤0.481873205 AND Two≥-2.225902042 AND Eleven≥-2.130476101 | → Class=0 | [1.2, 57.0] | 4 : 96 | 4.11e-04 | 5 |
| 41 | Fifteen≥-2.650595749 AND Eleven≤0.860371607 AND Fifteen≥-0.347574743 AND Four≥-0.503178041 AND Four≤1.960057188 | → Class=0 | [1.8, 260.0] | 1 : 99 | 4.14e-04 | 5 |
| 42 | Fifteen≥-2.650595749 AND Eighteen≤3.640622681 AND Eighteen≤0.385172191 AND Eleven≤0.860371607 AND Seventeen≤2.020389218 | → Class=0 | [3.8, 1171.0] | 0 : 100 | 2.26e-04 | 5 |
| 43 | Eighteen≥0.303567067 AND Fourteen≤0.742675052 AND Thirteen≤2.009893254 AND Seventeen≥-0.466419555 AND Zero≥-0.962779088 | → Class=0 | [1.3, 368.0] | 1 : 99 | 1.87e-04 | 5 |
| 44 | Fifteen≥-2.650595749 AND Eleven≥0.690821544 AND Thirteen≥-1.322410351 AND Seven≤3.337820598 AND Fourteen≥-1.001034359 | → Class=0 | [1.2, 400.0] | 1 : 99 | 1.45e-04 | 5 |
| 45 | Fifteen≥-2.289481746 AND Eight≥-3.228344129 AND Three≥-0.048497805 AND Ten≥-0.972519579 | → Class=0 | [2.3, 935.0] | 0 : 100 | 1.58e-04 | 4 |
| 46 | Three≤-0.121960963 AND Fifteen≥-3.509985847 AND One≤1.215044024 AND Two≤2.812233585 AND Two≥-2.944481825 | → Class=0 | [2.1, 968.0] | 0 : 100 | 1.55e-04 | 5 |
| 47 | Fifteen≥-1.495525139 AND Eleven≥-3.552999838 AND Eleven≤0.346365659 AND Three≥-0.047892222 AND Eight≥-2.15967574 | → Class=0 | [1.3, 624.0] | 0 : 100 | 1.41e-04 | 5 |
| 48 | Fifteen≥-3.60607008 AND Three≤0.299168305 AND Eleven≥-3.552999838 AND Eleven≥-0.033426514 AND Sixteen≥-1.462181371 | → Class=0 | [1.1, 670.0] | 0 : 100 | 9.32e-05 | 5 |
| 49 | Fifteen≥-3.60607008 | → Class=0 | [3.0, 2455.0] | 0 : 100 | 2.27e-05 | 1 |
| 50 | Fifteen≥-3.60607008 AND Eighteen≤3.640622681 | → Class=0 | [2.1, 2455.0] | 0 : 100 | 1.59e-05 | 2 |
| 51 | Fifteen≥-3.60607008 AND Fourteen≥-3.017924403 | → Class=0 | [1.5, 2455.0] | 0 : 100 | 1.07e-05 | 2 |
| 52 | Fifteen≥-3.60607008 AND Three≥-3.85650329 | → Class=0 | [1.0, 2455.0] | 0 : 100 | 7.69e-06 | 2 |
| 53 | Fifteen≤-0.018422395 AND Four≤2.244633079 AND Four≥-1.190353439 | → Class=1 | [227, 1166] | 16 : 84 | 0.094 | 3 |
| 54 | Fifteen≤-0.134387922 AND Four≤2.527531532 AND Four≥-0.464371319 AND Fourteen≥-3.017924403 AND Eight≥-2.316872261 | → Class=1 | [121.0, 701.5] | 15 : 85 | 0.069 | 5 |
| 55 | Seven≤0.671267187 AND Four≤-0.211022993 AND Seven≤0.104821716 AND Fifteen≥-0.594878702 AND Four≥-3.0327124 | → Class=1 | [334.0, 812.0] | 29 : 71 | 0.070 | 5 |
| 56 | Fifteen≤0.29842449 AND Four≤1.843909925 AND Four≥-0.711361587 AND Eight≥-2.316872261 AND Ten≥-2.73327503 | → Class=1 | [203.0, 594.8] | 26 : 74 | 0.065 | 5 |
| 57 | Seven≤0.871625217 AND Four≤-0.467578942 AND Seven≤0.433129236 AND Fifteen≥-0.060950628 AND Nine≥-2.59570608 | → Class=1 | [351.0, 577.0] | 38 : 62 | 0.056 | 5 |
| 58 | Fifteen≤0.563215906 AND Four≥-1.283831546 AND Four≤1.511202788 AND Nine≤2.315093718 AND Eight≥-2.418349987 | → Class=1 | [342.0, 508.3] | 40 : 60 | 0.055 | 5 |
| 59 | Four≥1.903017585 AND Seven≥-0.818709419 AND Six≤2.218052697 AND Nine≥-2.29450142 AND Six≥-2.952737227 | → Class=1 | [78.0, 226.8] | 26 : 74 | 0.035 | 5 |
| 60 | Fifteen≤-1.194909852 AND Thirteen≥-2.644400929 AND Four≤4.071429495 AND Twelve≥-2.371878033 | → Class=1 | [85.0, 212.9] | 29 : 71 | 0.033 | 4 |
| 61 | Seven≤1.00044999 AND Four≤-0.493840568 AND Fifteen≥0.225624275 AND Nine≥-2.59570608 AND Thirteen≤1.843161383 | → Class=1 | [440.0, 416.1] | 51 : 49 | 0.045 | 5 |
| 62 | Fifteen≤-0.99821052 AND Four≤3.525494857 AND Thirteen≥-2.644400929 AND Sixteen≥-3.03152781 AND Twelve≥-2.371878033 | → Class=1 | [105.0, 171.7] | 38 : 62 | 0.028 | 5 |
| 63 | Fifteen≤-0.134387922 AND Nine≥-2.503454256 AND Four≤2.860744404 AND Eight≥-2.316872261 AND Twelve≥-2.336387324 | → Class=1 | [324.0, 250.5] | 56 : 44 | 0.030 | 5 |
| 64 | Seven≤1.008731794 AND Four≤-0.272268445 AND Fifteen≥-0.117173723 AND Nine≥-2.7679664 AND Fourteen≥-1.800287337 | → Class=1 | [534.0, 325.4] | 62 : 38 | 0.035 | 5 |
| 65 | Four≥1.710508525 AND Zero≥-2.707082336 AND Seven≥-1.251293866 | → Class=1 | [161.0, 197.0] | 45 : 55 | 0.037 | 3 |
| 66 | Fifteen≤0.758689027 AND Eighteen≥-2.283802758 AND Four≥-1.206855507 AND Nine≤2.116693583 | → Class=1 | [818.0, 335.8] | 71 : 29 | 0.031 | 4 |
| 67 | Seven≤1.00044999 AND Four≤-0.503178041 AND Sixteen≤2.49467269 AND Fifteen≥0.478049314 | → Class=1 | [420.0, 196.9] | 68 : 32 | 0.028 | 4 |
| 68 | Twelve≤0.879891738 AND Four≥1.950910025 AND Seven≥-2.203840513 AND Six≤1.90958501 AND Two≤2.264960327 | → Class=1 | [143.0, 89.9] | 61 : 39 | 0.017 | 5 |
| 69 | Four≥1.218307019 AND Two≤1.959759189 AND Seven≥-1.585707508 AND Eight≥-2.060783845 AND Nine≤2.648151592 | → Class=1 | [327.0, 142.7] | 70 : 30 | 0.023 | 5 |
| 70 | Four≥-2.219562667 AND Fifteen≥1.846150295 AND Three≤2.63337493 AND Twelve≥-1.856728419 AND Six≥-1.583603457 | → Class=1 | [39.0, 38.1] | 51 : 49 | 0.009 | 5 |
| 71 | Eleven≤-0.309323881 AND Seven≤0.999287594 AND Four≤0.11130868 AND Seven≤-0.532549987 AND Eight≤2.308310514 | → Class=1 | [84.0, 49.4] | 63 : 37 | 0.010 | 5 |
| 72 | Five≤0.333495067 AND Sixteen≥-0.985969793 AND Twelve≤0.886310019 AND Eight≥-1.202219687 AND Six≥-0.978645898 | → Class=1 | [690.0, 141.4] | 83 : 17 | 0.009 | 5 |

| | | | | | | |
|-----------|---|-----------|----------------|---------|-------|---|
| 73 | Fifteens≤-2.650595749 AND Two≥-2.141902283 | → Class=1 | [3.0, 21.0] | 15 : 85 | 0.006 | 2 |
| 74 | Three≥0.881893522 AND One≥-0.732015931 AND Eight≤1.269041936 AND Two≥-1.973881506 AND Elevens≤2.031222814 | → Class=1 | [263.0, 57.9] | 82 : 18 | 0.007 | 5 |
| 75 | Threes≤-0.048497805 AND Elevens≤0.669268214 AND Six≥-1.622011705 AND Nines≤1.328168056 AND Seven≥-3.016132051 | → Class=1 | [688.0, 117.9] | 85 : 15 | 0.008 | 5 |
| 76 | Three≥-0.70274373 AND Seven≤0.923578748 AND Fours-0.015822588 AND Fifteen≥-0.66854705 AND Sixteen≥-2.523263224 | → Class=1 | [487.0, 99.3] | 83 : 17 | 0.013 | 5 |
| 77 | Fifteens≤-2.289481746 | → Class=1 | [12.0, 17.5] | 41 : 59 | 0.005 | 1 |
| 78 | Fifteens-0.708256709 AND Fours≤2.965829901 AND Eight≥-2.385840409 AND Thirteen≥-2.644400929 AND Six≥-2.457983625 | → Class=1 | [150.0, 48.9] | 75 : 25 | 0.011 | 5 |
| 79 | Four≥2.395054669 AND Fifteen≥0.25762476 AND Seven≥-2.203840513 AND Three≥-2.158462583 | → Class=1 | [1.0, 23.6] | 8 : 92 | 0.008 | 4 |
| 80 | Four≥1.043009895 AND Nines≤2.648151592 AND Seven≥-0.97145769 AND Six≤2.558306276 | → Class=1 | [249.0, 69.5] | 78 : 22 | 0.015 | 4 |
| 81 | Fours-1.153021978 AND Fifteen≥0.660482199 AND Sevens≤0.186257234 | → Class=1 | [153.0, 41.0] | 79 : 21 | 0.009 | 3 |
| 82 | Sixteen≤-0.072788578 AND One≥-1.757272303 AND Seventeen≤0.563462753 AND Zero≥-1.476782214 AND Twelves≤1.740374933 | → Class=1 | [671.0, 68.3] | 91 : 9 | 0.004 | 5 |
| 83 | Tens≤-0.770289084 AND Fifteen≤0.276165411 AND Four≤1.982364948 AND Elevens≤2.575112153 AND Twelves≤1.544130895 | → Class=1 | [87.0, 18.0] | 82 : 18 | 0.004 | 5 |
| 84 | Seventeen≥0.932716755 AND Eight≥-0.757416822 AND Eighteen≥-1.974492444 AND Sevens≤1.826803491 AND Seventeen≤2.992275957 | → Class=1 | [269.0, 30.5] | 90 : 10 | 0.004 | 5 |
| 85 | Twelves≤-0.272816224 AND Tens≤1.564840404 AND Seventeen≥-0.615525901 AND Eighteen≥-0.902478475 AND Six≥-1.600690519 | → Class=1 | [450.0, 41.7] | 91 : 9 | 0.004 | 5 |
| 86 | Twelve≥-1.032067454 AND Thirteen≤-0.627517102 AND Tens≤1.882415741 AND Fourteen≥-2.521981885 AND Six≥-2.497897796 | → Class=1 | [480.0, 42.2] | 92 : 8 | 0.004 | 5 |
| 87 | Ten≥0.836271153 AND Seven≤0.828096747 AND Seventeen≤0.969035397 AND Six≤0.992421787 AND Eight≥-1.348841734 | → Class=1 | [172.0, 17.8] | 90 : 10 | 0.003 | 5 |
| 88 | Sixteen≥0.987962582 AND Zero≤2.641271121 AND Seven≥-2.567283881 AND Five≤1.158816077 AND Nine≥-1.213238165 | → Class=1 | [270.0, 21.8] | 92 : 8 | 0.002 | 5 |
| 89 | Sixteen≤0.764735595 AND Thirteen≥0.571377082 AND Fifteen≤0.924327919 AND Four≥-1.615308607 AND Eight≥-1.934683404 | → Class=1 | [197.0, 22.1] | 90 : 10 | 0.004 | 5 |
| 90 | Six≤-1.375606325 AND Thirteen≥-0.572376416 AND Eight≤1.815005424 AND Three≥-0.746116592 AND Eighteen≥-0.174673501 | → Class=1 | [55.0, 8.0] | 86 : 14 | 0.002 | 5 |
| 91 | Twelve≥-1.032067454 AND Sixteen≥-0.502157975 AND Seven≥-3.106421904 AND Fourteens≤0.241072626 AND Eleven≥-1.796976568 | → Class=1 | [787.0, 49.3] | 94 : 6 | 0.004 | 5 |
| 92 | Fourteen≥1.923918479 AND Five≥-0.564777892 AND Nines≤0.835496127 | → Class=1 | [25.0, 4.7] | 82 : 18 | 0.001 | 3 |
| 93 | Eighteens≤0.203068093 AND Sevens≤1.374580151 AND Fours-0.473713922 AND Fifteen≥-0.140531127 AND Five≤1.847516446 | → Class=1 | [351.0, 26.3] | 93 : 7 | 0.004 | 5 |
| 94 | Nine≥0.99918523 AND Tens≤0.962840083 AND Seven≥-2.060236633 AND Sixteens≤2.488081496 AND Fifteens≤0.520257925 | → Class=1 | [97.0, 8.6] | 91 : 9 | 0.002 | 5 |
| 95 | Four≥3.174541224 AND Fifteen≥0.462339243 | → Class=1 | [0.0, 3.3] | 19 : 81 | 0.001 | 2 |
| 96 | Four≥1.043009895 AND Seven≥0.235529135 | → Class=1 | [52.0, 16.5] | 75 : 25 | 0.005 | 2 |
| 97 | Fours≤-2.454392947 AND Fifteen≥2.12282303 AND Four≥-4.079436703 AND Twelve≥-1.856728419 AND Four≥-3.708491097 | → Class=1 | [18.0, 4.1] | 79 : 21 | 0.001 | 5 |
| 98 | Fifteens≤-2.650595749 | → Class=1 | [4.0, 3.3] | 54 : 46 | 0.001 | 1 |
| 99 | Fifteens≤0.007783632 AND Fours≤1.926688751 | → Class=1 | [330.0, 28.9] | 92 : 8 | 0.006 | 2 |
| + 48 more | | | | | | |

