Task name: action rules

Task description: -

Date of output: 2.12.2017

Survey of antecedent attributes

Group Name Description

Default Partial Cedent Country (subset), 1 - 1 -

Survey of variable antecedent attributes

Group Name Description

Default Partial Cedent C3\_\_Group\_Grievance (subset), 1 - 1 -

Default Partial Cedent E1\_\_Economy (subset), 1 - 1 -

Default Partial Cedent P2\_\_Public\_Services (subset), 1 - 1 -

Default Partial Cedent S1\_\_Demographic\_Pressures (subset), 1 - 1 -

Default Partial Cedent T2\_\_Health (subset), 1 - 1 -

Default Partial Cedent T3\_\_Life\_Expectency (subset), 1 - 1 -

Default Partial Cedent T4\_\_IntrnationalTaxes (subset), 1 - 1 -

Default Partial Cedent T5\_\_FuelImports (subset), 1 - 1 -

Default Partial Cedent T6\_\_Fossil\_Fuel\_Energy (subset), 1 - 1 -

Survey of succedent attributes

Group Name Description

Survey of variable sukcedent attributes

Group Name Description

Default Partial Cedent Total\_Lable( Alert -> Sustainable) -

Survey of Action4ft-Quantifiers

a-frequency Before >= 15.00 Absolute number

a-frequency After >= 15.00 Absolute number

Task parameters

The comparison of the first set versus the second set

Sets must differ in all rows (i.e. not overlapping sets)

Nr. Hypothesis D%-Sum Df-Conf Df-AFUI Df-FUE Df-Avg R-Conf R-DFUI R-FUE R-Avg H-Conf H-DFUI H-FUE H-Avg B:a B:b B:c B:d B:r B:n B:Conf B:DConf B:EConf B:Supp B:Cmplt B:AvgDf B:Lift B:LBound B:UBound B:ELBound B:EUBound B:DLBound B:DUBound B:Fisher B:Chi-Sq B:bMean B:bVAR B:bStDev B:P(>=90%) B:P(>=95%) A:a A:b A:c A:d A:r A:n A:Conf A:DConf A:EConf A:Supp A:Cmplt A:AvgDf A:Lift A:LBound A:UBound A:ELBound A:EUBound A:DLBound A:DUBound A:Fisher A:Chi-Sq A:bMean A:bVAR A:bStDev A:P(>=90%) A:P(>=95%)

1 (C3\_\_Group\_Grievance(very high) -> C3\_\_Group\_Grievance(very low)) >÷< (Total\_Lable(Alert) -> Total\_Lable(Sustainable))

0.09 0.1192368839 0.0833333333 0.0056179775 -0.3183624801 1.2252252252 1.1851851852 1.0064102564 0.8912128209 1.2252252252 1.1851851852 1.0064102564 1.1220664432 24 13 8 133 37 178 0.6486486486 0.5333333333 0.8820224719 0.1348314607 0.75 2.6081081081 3.6081081081 0.9999935023 0.0000349143 0.823920076 0.2442029471 1 0 0 69.6387416271 0.641025641 0.641025641 0.0758471767 0.0000093395 0.0000000019 18 16 6 138 34 178 0.5294117647 0.45 0.8764044944 0.1011235955 0.75 2.9264705882 3.9264705882 0.9999999957 0.0000000374 0.8779368165 0.176079924 1 0 0 56.0938534505 0.5277777778 0.5277777778 0.0820725446 0.0000000077 0

2 (C3\_\_Group\_Grievance(very high) & S1\_\_Demographic\_Pressures(very high) -> C3\_\_Group\_Grievance(very low) & S1\_\_Demographic\_Pressures(very low)) >÷< (Total\_Lable(Alert) -> Total\_Lable(Sustainable))

0.12 0.1096256684 -0.145030426 -0.0393258427 -0.8229723708 1.1418685121 0.7525951557 0.9578313253 0.8260490746 1.1418685121 1.3287356322 1.0440251572 1.2105818296 15 2 17 144 17 178 0.8823529412 0.4411764706 0.893258427 0.0842696629 0.46875 3.9080882353 4.9080882353 0.7617971888 0.5182147509 0.6743081202 0.4179435017 1 0 0 62.9171281675 0.8421052632 0.8421052632 0.0815364915 0.2662040192 0.0581289434 17 5 7 149 22 178 0.7727272727 0.5862068966 0.9325842697 0.095505618 0.7083333333 4.7310606061 5.7310606061 0.9817840189 0.0621336713 0.0876198714 0.9490529966 0.9999985632 0.0000100916 0 87.5640073311 0.75 0.75 0.0866025404 0.0226077763 0.0007535111

3 **(P2\_\_Public\_Services(very high) & S1\_\_Demographic\_Pressures(very high) -> P2\_\_Public\_Services(very low) & S1\_\_Demographic\_Pressures(very low)) >÷< (Total\_Lable(Alert) -> Total\_Lable(Sustainable))**

0.12 -0.0740740741 -0.1689708141 -0.0617977528 -1.7854938272 0.9 0.7380952381 0.9341317365 0.6026785714 1.1111111111 1.3548387097 1.0705128205 1.6592592593 20 10 12 136 30 178 0.6666666667 0.4761904762 0.8764044944 0.1123595506 0.625 2.7083333333 3.7083333333 0.9999109221 0.0004543551 0.8779368165 0.176079924 1 0 0 58.0070652845 0.65625 0.65625 0.0826797285 0.0001256063 0.0000001623 20 7 4 147 27 178 0.7407407407 0.6451612903 0.9382022472 0.1123595506 0.8333333333 4.4938271605 5.4938271605 0.9961285933 0.0146677784 0.0509470034 0.9727695819 0.9999773362 0.0001256056 0 100.1682461109 0.724137931 0.724137931 0.0816011005 0.0049510559 0.000049171

4 **(P2\_\_Public\_Services(very high) -> P2\_\_Public\_Services(very low)) >÷< (Total\_Lable(Alert) -> Total\_Lable(Sustainable))**

0.17 -0.1022556391 -0.1945945946 -0.0842696629 -1.734273183 0.8373205742 0.6727272727 0.9079754601 0.5264013415 1.1942857143 1.4864864865 1.1013513514 1.8996912075 20 18 12 128 38 178 0.5263157895 0.4 0.8314606742 0.1123595506 0.625 1.9276315789 2.9276315789 0.9999999995 0.0000000046 0.9983712863 0.0031827506 1 0 0.0000000132 39.3478267587 0.525 0.525 0.0779892113 0 0 22 13 2 141 35 178 0.6285714286 0.5945945946 0.9157303371 0.1235955056 0.9166666667 3.6619047619 4.6619047619 0.9999970042 0.0000175344 0.2905614278 0.7922119314 0.9999998371 0.0000010851 0 91.0451090036 0.6216216216 0.6216216216 0.0786745764 0.0000044497 0

5 (S1\_\_Demographic\_Pressures(very high) -> S1\_\_Demographic\_Pressures(very low)) >÷< (Total\_Lable(Alert) -> Total\_Lable(Sustainable))

0.17 -0.1035714286 -0.1828298887 -0.0842696629 -1.7415922619 0.8352272727 0.692513369 0.9079754601 0.5244026333 1.1972789116 1.444015444 1.1013513514 1.9069316905 21 19 11 127 40 178 0.525 0.4117647059 0.8314606742 0.1179775281 0.65625 1.9203125 2.9203125 0.9999999998 0.0000000016 0.9983712863 0.0031827506 1 0 0.000000004 41.7005561966 0.5238095238 0.5238095238 0.0761627857 0 0 22 13 2 141 35 178 0.6285714286 0.5945945946 0.9157303371 0.1235955056 0.9166666667 3.6619047619 4.6619047619 0.9999970042 0.0000175344 0.2905614278 0.7922119314 0.9999998371 0.0000010851 0 91.0451090036 0.6216216216 0.6216216216 0.0786745764 0.0000044497 0

6 **(E1\_\_Economy(very high) -> E1\_\_Economy(very low)) >÷< (Total\_Lable(Alert) -> Total\_Lable(Sustainable))**

0.26 -0.2300509338 -0.2968923418 -0.1292134831 -2.5357067063 0.6604010025 0.5193171608 0.8606060606 0.3698845059 1.5142314991 1.9256055363 1.161971831 2.7035466049 17 21 15 125 38 178 0.4473684211 0.320754717 0.797752809 0.095505618 0.53125 1.4884868421 2.4884868421 1 0 0.9999858571 0.0000339185 1 0 0.0000090266 23.4618733263 0.45 0.45 0.0776954655 0 0 21 10 3 144 31 178 0.6774193548 0.6176470588 0.9269662921 0.1179775281 0.875 4.0241935484 5.0241935484 0.9998743944 0.0006109025 0.139651462 0.9123801286 0.9999980195 0.0000121344 0 94.7354676265 0.6666666667 0.6666666667 0.0808452083 0.0001741363 0.000000236

7 **(E1\_\_Economy(very high) & P2\_\_Public\_Services(very high) -> E1\_\_Economy(very low) & P2\_\_Public\_Services(very low)) >÷< (Total\_Lable(Alert) -> Total\_Lable(Sustainable))**

0.23 -0.2420634921 -0.3666666667 -0.1179775281 -2.7886078042 0.6887755102 0.4761904762 0.875739645 0.415204577 1.4518518519 2.1 1.1418918919 2.4084512923 15 13 17 133 28 178 0.5357142857 0.3333333333 0.8314606742 0.0842696629 0.46875 1.9799107143 2.9799107143 0.9999998978 0.0000008731 0.9983712863 0.0031827506 1 0 0.0000022304 28.5479619211 0.5333333333 0.5333333333 0.0896028673 0.0000001793 0 21 6 3 148 27 178 0.7777777778 0.7 0.9494382022 0.1179775281 0.875 4.7685185185 5.7685185185 0.9853322216 0.0470568934 0.0132545732 0.9941881845 0.9995456449 0.002019829 0 112.7883613811 0.7586206897 0.7586206897 0.0781271056 0.0179067176 0.0003642018

8 **(E1\_\_Economy(very high) & P2\_\_Public\_Services(very high) & S1\_\_Demographic\_Pressures(very high) -> E1\_\_Economy(very low) & P2\_\_Public\_Services(very low) & S1\_\_Demographic\_Pressures(very low)) >÷< (Total\_Lable(Alert) -> Total\_Lable(Sustainable))**

0.2 -0.2525879917 -0.3557692308 -0.1011235955 -3.082600069 0.7208237986 0.5131578947 0.8947368421 0.4601701061 1.3873015873 1.9487179487 1.1176470588 2.1731094368 15 8 17 138 23 178 0.652173913 0.375 0.8595505618 0.0842696629 0.46875 2.6277173913 3.6277173913 0.9997796863 0.0012298268 0.9678509945 0.0521429636 1 0 0.0000000504 39.973352514 0.64 0.64 0.0941357449 0.0003212663 0.0000012832 19 2 5 152 21 178 0.9047619048 0.7307692308 0.9606741573 0.106741573 0.7916666667 5.7103174603 6.7103174603 0.6484088245 0.6352700362 0.0022655604 0.9992275996 0.9970171835 0.0118687191 0 120.9903329407 0.8695652174 0.8695652174 0.0687451665 0.3799590558 0.0948230641

9 **(E1\_\_Economy(very high) & S1\_\_Demographic\_Pressures(very high) -> E1\_\_Economy(very low) & S1\_\_Demographic\_Pressures(very low)) >÷< (Total\_Lable(Alert) -> Total\_Lable(Sustainable))**

0.24 -0.3278388278 -0.3819320215 -0.1179775281 -3.5011828449 0.6376518219 0.4773561812 0.8771929825 0.3868672155 1.5682539683 2.0948717949 1.14 2.584866228 15 11 17 135 26 178 0.5769230769 0.3488372093 0.8426966292 0.0842696629 0.46875 2.2091346154 3.2091346154 0.9999974964 0.0000184111 0.9940012094 0.0108987003 1 0 0.0000005734 32.5680117749 0.5714285714 0.5714285714 0.0918953601 0.0000040944 0.0000000021 19 2 5 152 21 178 0.9047619048 0.7307692308 0.9606741573 0.106741573 0.7916666667 5.7103174603 6.7103174603 0.6484088245 0.6352700362 0.0022655604 0.9992275996 0.9970171835 0.0118687191 0 120.9903329407 0.8695652174 0.8695652174 0.0687451665 0.3799590558 0.0948230641

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