Notice :

A preliminary version for displaying the rules can be found. The paths are not represented in this table in order to simplify the reading and understanding of the rules by the reader.

3 columns are of interest : "strata", "#_specificity" and "treatment":
- "strata" is the strata where the differential rule is applied. In this table, it shows a list of simplified paths and their value.
- "#_specificity" is the number of elements in the strata. The smaller, the more general the rule is and the easier it is to understand. The bigger, the more specific it is and the harder it is to understand.
- "treatment" is the treatment of the rule. It is composed of a path and of two values.

In order to read a rule, one should read the "treatment": having the first value compared to having the second value for the given path explains a higher willingness to reduce its meat consumption. Furthermore, this treatment is applied to instances belonging to the corresponding strata.

For instance, let us consider the first row. It states that, for people older than 35 years, having opinion 0 compared to having opinion 3 explains a higher willingness to reduce its meat consumption. In this case, opinion 0 is related to animal well being and awareness on climate change, while opinion 3 is related to considering vegan and vegetarian diets as deficients.

The second row states that this treatment has the same effect for women.

Differential Rules Mined

	strata	#_specificity	treatment
0	{'age': [(35, 100)]}	1	{'opinion_community': ['0', '3']}
1	{'gender': ['Woman']}	1	{'opinion_community': ['0', '3']}
2	{'living': ['Rural_Area']}	1	{'opinion_community': ['0', '3']}
3	{'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')]}	1	{'opinion_community': ['0', '3']}
34	{'living': [('City', 'Suburbs')], 'age': [(35, 100)]}	2	{'opinion_community': ['0', '1']}
35	{'gender': ['Woman'], 'age': [(35, 100)]}	2	{'opinion_community': ['0', '1']}
32	{'living': [('City', 'Suburbs')], 'gender': ['Woman']}	2	{'opinion_community': ['1', '3']}
37	{'living': [('City', 'Suburbs')], 'gender': ['Woman']}	2	{'opinion_community': ['0', '1']}
33	{'gender': ['Woman'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')]}	2	{'opinion_community': ['0', '1']}
39	{'gender': ['Woman'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')]}	2	{'opinion_community': ['0', '2']}
30	{'living': ['Rural_Area'], 'gender': ['Man']}	2	{'opinion_community': ['1', '3']}
29	{'living': [('City', 'Suburbs')], 'age': [(35, 100)]}	2	{'opinion_community': ['1', '3']}
28	{'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'age': [(35, 100)]}	2	{'opinion_community': ['1', '3']}
31	{'living': [('City', 'Suburbs')], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')]}	2	{'opinion_community': ['1', '3']}
2	{'gender': ['Woman'], 'education': [('GCSE', 'High_School_Degree')], 'opinion_community': ['3']}	3	{'living': ['Rural_Area', ('City', 'Suburbs')]}
3	{'gender': ['Woman'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['0']}	3	{'living': ['Rural_Area', ('City', 'Suburbs')]}
25	{'living': [('City', 'Suburbs')], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['0']}	3	{'age': [(35, 100), (0, 34)]}
10	{'living': [('City', 'Suburbs')], 'gender': ['Man'], 'age': [(35, 100)]}	3	{'opinion_community': ['2', '1']}
20	{'living': ['Rural_Area'], 'education': [('GCSE', 'High_School_Degree')], 'opinion_community': ['3']}	3	{'gender': ['Woman', 'Man']}
6	{'gender': ['Woman'], 'opinion_community': ['3', '1'], 'age': [(0, 34)]}	3	{'living': ['Rural_Area', ('City', 'Suburbs')]}
5	{'gender': ['Man'], 'opinion_community': ['1'], 'age': [(0, 34)]}	3	{'living': ['Rural_Area', ('City', 'Suburbs')]}
11	{'living': [('City', 'Suburbs')], 'gender': ['Woman'], 'education': [('GCSE', 'High_School_Degree')]}	3	{'opinion_community': ['2', '1']}
27	{'living': [('City', 'Suburbs')], 'gender': ['Woman'], 'opinion_community': ['3']}	3	{'age': [(35, 100), (0, 34)]}
26	{'living': [('City', 'Suburbs')], 'education': [('GCSE', 'High_School_Degree')], 'opinion_community': ['2']}	3	{'age': [(35, 100), (0, 34)]}
17	{'living': [('City', 'Suburbs')], 'gender': ['Woman'], 'opinion_community': ['3', '1']}	3	{'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD'), ('GCSE', 'High_School_Degree')]}
10	{'living': [('City', 'Suburbs')], 'gender': ['Man'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')]}	3	{'opinion_community': ['2', '3']}
4	{'gender': ['Man'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['1']}	3	{'living': ['Rural_Area', ('City', 'Suburbs')]}
15	{'living': ['Rural_Area'], 'gender': ['Man'], 'opinion_community': ['3', '1']}	3	{'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD'), ('GCSE', 'High_School_Degree')]}
9	{'gender': ['Man'], 'education': [('GCSE', 'High_School_Degree')], 'opinion_community': ['3']}	3	{'living': [('City', 'Suburbs'), 'Rural_Area']}
14	{'living': [('City', 'Suburbs')], 'gender': ['Woman'], 'education': [('GCSE', 'High_School_Degree')]}	3	{'opinion_community': ['2', '3']}
26	{'living': [('City', 'Suburbs')], 'education': [('GCSE', 'High_School_Degree')], 'opinion_community': ['3', '1']}	3	{'gender': ['Man', 'Woman']}
36	{'living': ['Rural_Area'], 'education': [('GCSE', 'High_School_Degree')], 'age': [(35, 100)]}	3	{'opinion_community': ['0', '1']}
38	{'living': ['Rural_Area'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'age': [(0, 34)]}	3	{'opinion_community': ['0', '2']}
40	{'living': [('City', 'Suburbs')], 'gender': ['Woman'], 'age': [(0, 34)]}	3	{'opinion_community': ['0', '2']}
41	{'living': ['Rural_Area'], 'gender': ['Man'], 'opinion_community': ['1']}	3	{'age': [(0, 34), (35, 100)]}
42	{'living': ['Rural_Area'], 'gender': ['Woman'], 'opinion_community': ['1', '3']}	3	{'age': [(0, 34), (35, 100)]}
43	{'living': ['Rural_Area'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['1']}	3	{'age': [(0, 34), (35, 100)]}
25	{'living': [('City', 'Suburbs')], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['2']}	3	{'gender': ['Man', 'Woman']}
24	{'living': ['Rural_Area'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['1']}	3	{'gender': ['Man', 'Woman']}
46	{'gender': ['Man'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['1']}	3	{'age': [(0, 34), (35, 100)]}
21	{'living': ['Rural_Area'], 'opinion_community': ['1'], 'age': [(35, 100)]}	3	{'gender': ['Man', 'Woman']}
6	{'gender': ['Woman'], 'opinion_community': ['1'], 'age': [(35, 100)]}	3	{'living': [('City', 'Suburbs'), 'Rural_Area']}
13	{'living': [('City', 'Suburbs')], 'gender': ['Man'], 'age': [(35, 100)]}	3	{'opinion_community': ['2', '3']}
7	{'living': [('City', 'Suburbs')], 'gender': ['Man'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')]}	3	{'opinion_community': ['2', '1']}
17	{'living': [('City', 'Suburbs')], 'gender': ['Man'], 'opinion_community': ['3']}	3	{'education': [('GCSE', 'High_School_Degree'), ('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')]}
12	{'living': ['Rural_Area'], 'gender': ['Woman'], 'opinion_community': ['3'], 'age': [(0, 34)]}	4	{'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD'), ('GCSE', 'High_School_Degree')]}
1	{'gender': ['Man'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['0', '1'], 'age': [(0, 34)]}	4	{'living': ['Rural_Area', ('City', 'Suburbs')]}
8	{'living': ['Rural_Area'], 'gender': ['Woman'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'age': [(35, 100)]}	4	{'opinion_community': ['2', '1']}

	strata	#_specificity	treatment
9	{'living': [('City', 'Suburbs')], 'gender': ['Woman'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'age': [(0, 34)]}	4	{'opinion_community': ['2', '1']}
13	{'living': ['Rural_Area'], 'gender': ['Woman'], 'opinion_community': ['0', '1'], 'age': [(35, 100)]}	4	{'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD'), ('GCSE', 'High_School_Degree')]}
0	{'gender': ['Man'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['3', '1'], 'age': [(35, 100)]}	4	{'living': ['Rural_Area', ('City', 'Suburbs')]}
21	{'living': ['Rural_Area'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['3'], 'age': [(0, 34)]}	4	{'gender': ['Woman', 'Man']}
22	{'living': ['Rural_Area'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['0'], 'age': [(35, 100)]}	4	{'gender': ['Woman', 'Man']}
23	{'living': [('City', 'Suburbs')], 'gender': ['Woman'], 'education': [('GCSE', 'High_School_Degree')], 'opinion_community': ['1', '2', '3']}	4	{'age': [(35, 100), (0, 34)]}
19	{'living': [('City', 'Suburbs')], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['0'], 'age': [(0, 34)]}	4	{'gender': ['Woman', 'Man']}
16	{'living': [('City', 'Suburbs')], 'gender': ['Man'], 'opinion_community': ['1', '2'], 'age': [(0, 34)]}	4	{'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD'), ('GCSE', 'High_School_Degree')]}
28	{'living': [('City', 'Suburbs')], 'gender': ['Woman'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['1', '3', '0']}	4	{'age': [(35, 100), (0, 34)]}
18	{'living': [('City', 'Suburbs')], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['3', '1'], 'age': [(35, 100)]}	4	{'gender': ['Woman', 'Man']}
24	{'living': ['Rural_Area'], 'gender': ['Man'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['3']}	4	{'age': [(35, 100), (0, 34)]}
45	{'living': [('City', 'Suburbs')], 'gender': ['Man'], 'education': [('GCSE', 'High_School_Degree')], 'opinion_community': ['3']}	4	{'age': [(0, 34), (35, 100)]}
11	{'living': ['Rural_Area'], 'gender': ['Woman'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'age': [(35, 100)]}	4	{'opinion_community': ['2', '3']}
22	{'living': [('City', 'Suburbs')], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['1', '2'], 'age': [(0, 34)]}	4	{'gender': ['Man', 'Woman']}
44	{'living': ['Rural_Area'], 'gender': ['Man'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['1', '0']}	4	{'age': [(0, 34), (35, 100)]}
4	{'gender': ['Man'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['2'], 'age': [(0, 34)]}	4	{'living': [('City', 'Suburbs'), 'Rural_Area']}
5	{'gender': ['Woman'], 'education': [('GCSE', 'High_School_Degree')], 'opinion_community': ['0', '1'], 'age': [(35, 100)]}	4	{'living': [('City', 'Suburbs'), 'Rural_Area']}
7	{'gender': ['Woman'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['3', '1'], 'age': [(35, 100)]}	4	{'living': [('City', 'Suburbs'), 'Rural_Area']}
8	{'gender': ['Man'], 'education': [('GCSE', 'High_School_Degree')], 'opinion_community': ['3', '1'], 'age': [(35, 100)]}	4	{'living': [('City', 'Suburbs'), 'Rural_Area']}
23	{'living': ['Rural_Area'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'opinion_community': ['3', '1'], 'age': [(35, 100)]}	4	{'gender': ['Man', 'Woman']}
12	{'living': [('City', 'Suburbs')], 'gender': ['Woman'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'age': [(0, 34)]}	4	{'opinion_community': ['2', '3']}
15	{'living': ['Rural_Area'], 'gender': ['Man'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'age': [(0, 34)]}	4	{'opinion_community': ['1', '2']}
16	{'living': [('City', 'Suburbs')], 'gender': ['Woman'], 'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')], 'age': [(35, 100)]}	4	{'opinion_community': ['1', '2']}
18	{'living': [('City', 'Suburbs')], 'gender': ['Man'], 'opinion_community': ['3', '1'], 'age': [(35, 100)]}	4	{'education': [('GCSE', 'High_School_Degree'), ('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')]}
19	{'living': [('City', 'Suburbs')], 'gender': ['Man'], 'opinion_community': ['3', '0'], 'age': [(0, 34)]}	4	{'education': [('GCSE', 'High_School_Degree'), ('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')]}
27	{'living': ['Rural_Area'], 'gender': ['Woman'], 'education': [('GCSE', 'High_School_Degree')], 'age': [(0, 34)]}	4	{'opinion_community': ['1', '3']}
20	{'living': ['Rural_Area'], 'gender': ['Woman'], 'opinion_community': ['1'], 'age': [(0, 34)]}	4	{'education': [('GCSE', 'High_School_Degree'), ('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD')]}
14	{'living': ['Rural_Area'], 'gender': ['Man'], 'opinion_community': ['3', '0', '1'], 'age': [(0, 34)]}	4	{'education': [('Bachelor', 'Two_Year_University_Degree', 'Master', 'PhD'), ('GCSE', 'High_School_Degree')]}
29	{'living': [('City', 'Suburbs')], 'gender': ['Man'], 'education': [('GCSE', 'High_School_Degree')], 'opinion_community': ['1', '2', '0']}	4	{'age': [(35, 100), (0, 34)]}