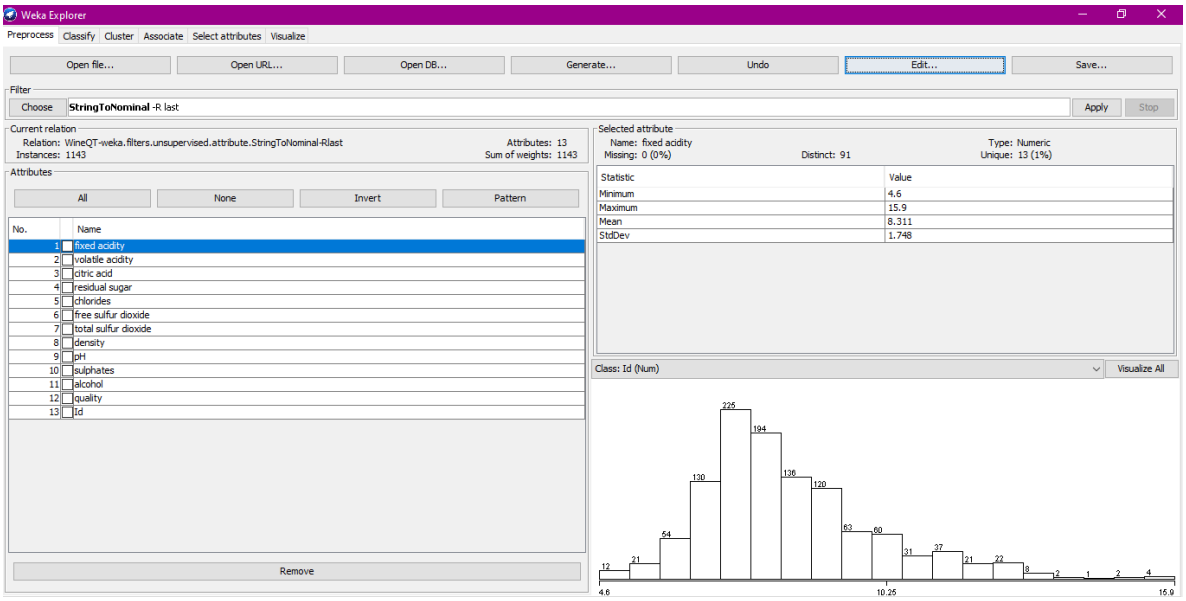
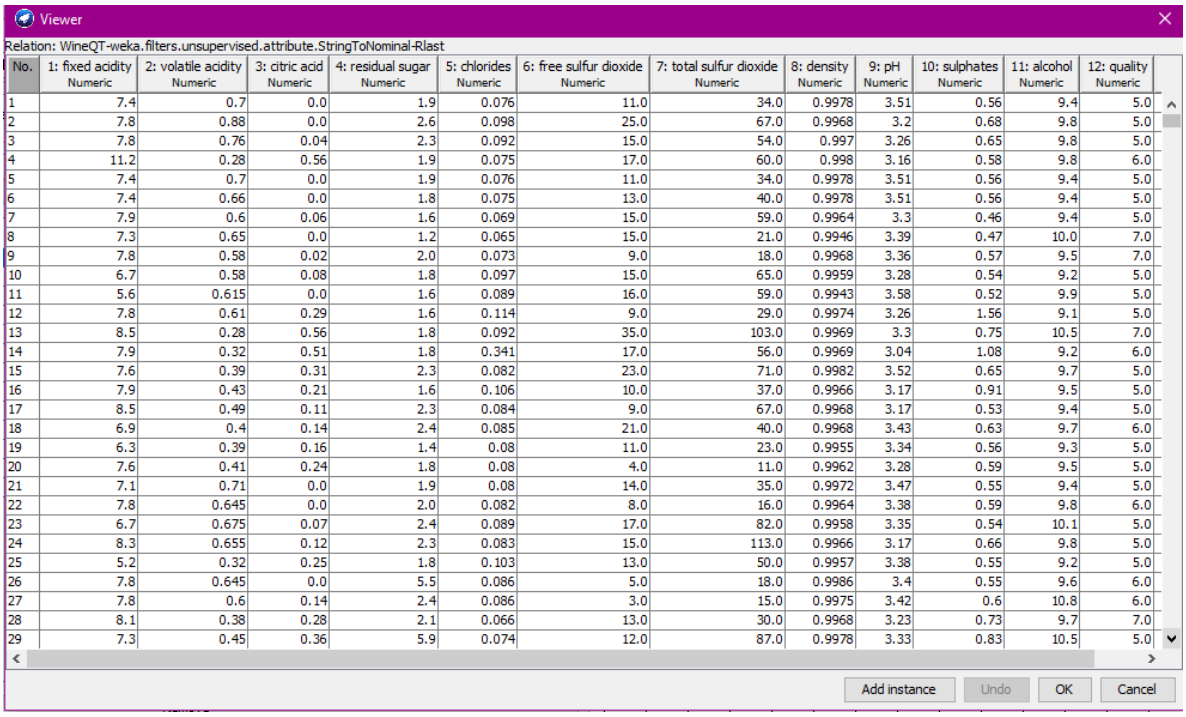
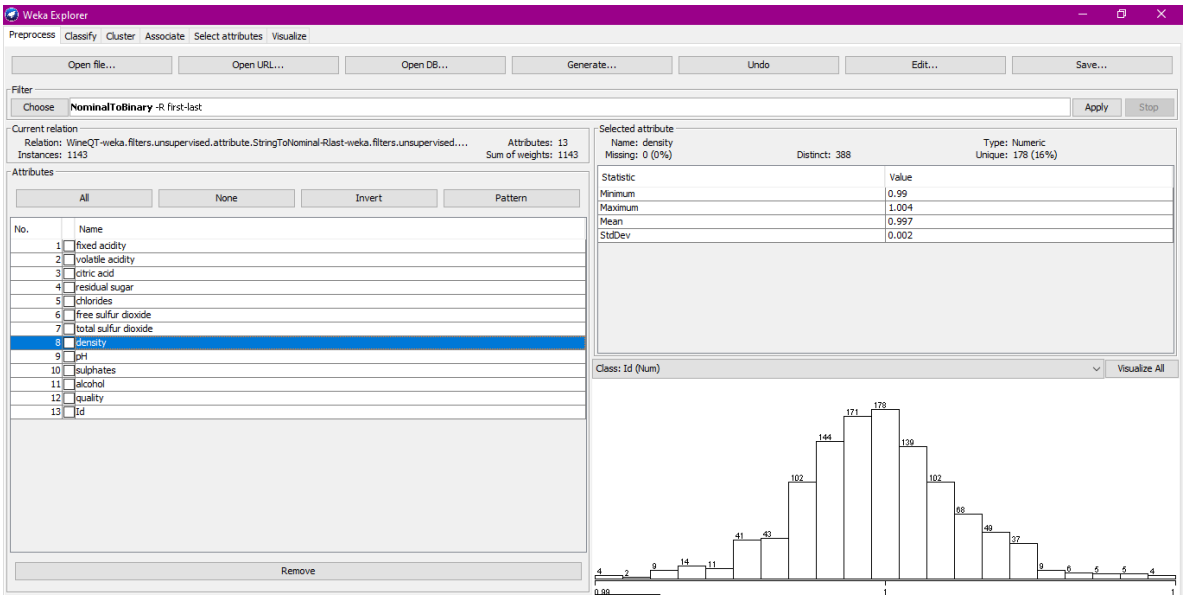
LabelEncoder (StringToNominal)

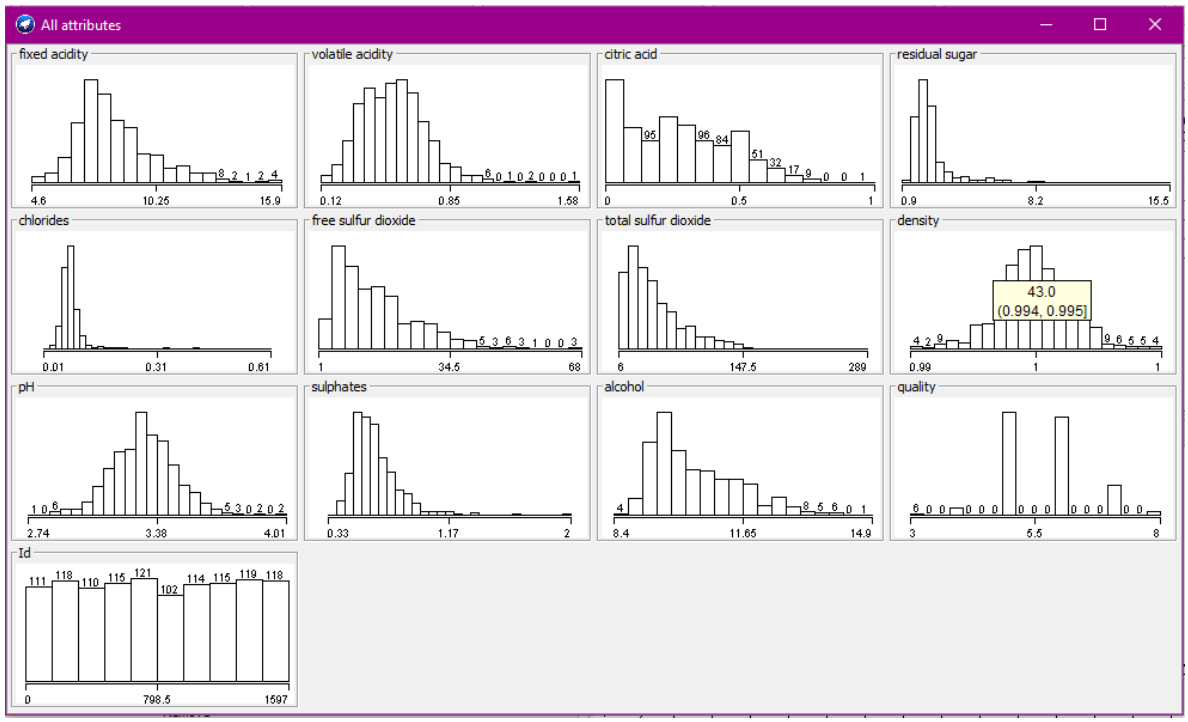


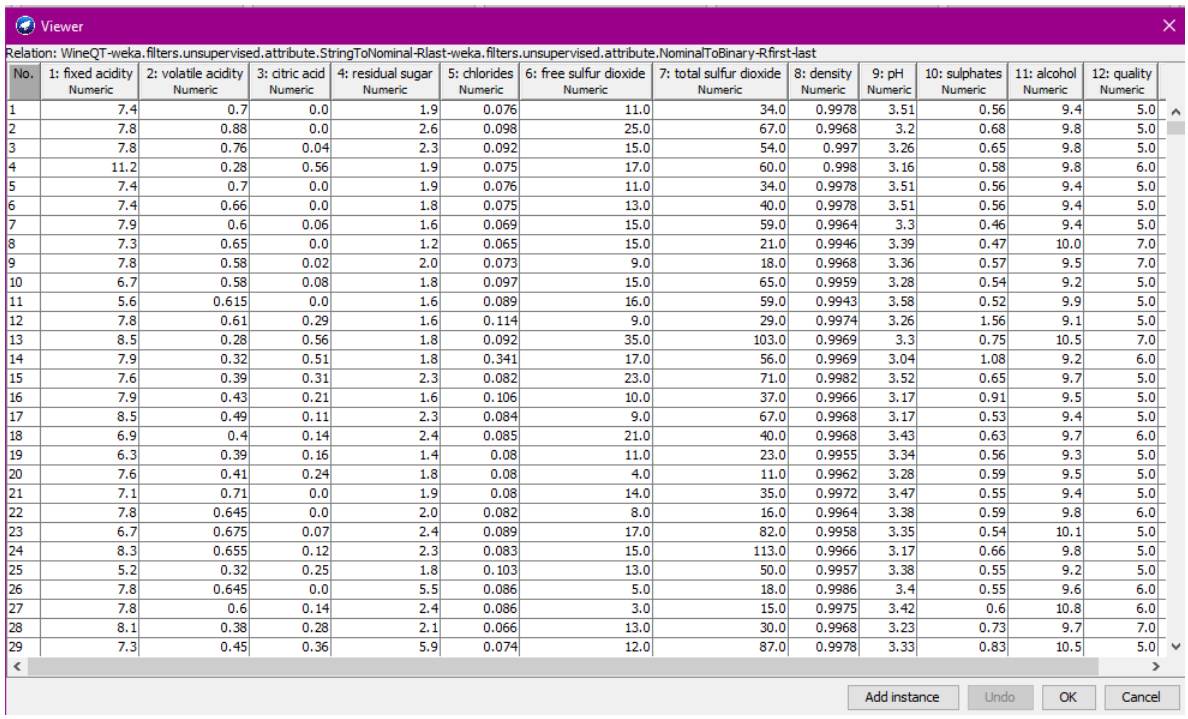


No.	1: fixed acidity Numeric	2: volatile acidity Numeric	3: citric acid Numeric	4: residual sugar Numeric	5: chlorides Numeric	6: free sulfur dioxide Numeric	7: total sulfur dioxide Numeric	8: density Numeric	9: pH Numeric	10: sulphates Numeric	11: alcohol Numeric	12: quality Numeric
1	7.4	0.7	0.0	1.9	0.076	11.0	34.0	0.9978	3.51	0.56	9.4	5.0
2	7.8	0.88	0.0	2.6	0.098	25.0	67.0	0.9968	3.2	0.68	9.8	5.0
3	7.8	0.76	0.04	2.3	0.092	15.0	54.0	0.997	3.26	0.65	9.8	5.0
4	11.2	0.28	0.56	1.9	0.075	17.0	60.0	0.998	3.16	0.58	9.8	6.0
5	7.4	0.7	0.0	1.9	0.076	11.0	34.0	0.9978	3.51	0.56	9.4	5.0
6	7.4	0.66	0.0	1.8	0.075	13.0	40.0	0.9978	3.51	0.56	9.4	5.0
7	7.9	0.6	0.06	1.6	0.069	15.0	59.0	0.9964	3.3	0.46	9.4	5.0
8	7.3	0.65	0.0	1.2	0.065	15.0	21.0	0.9946	3.39	0.47	10.0	7.0
9	7.8	0.58	0.02	2.0	0.073	9.0	18.0	0.9968	3.36	0.57	9.5	7.0
10	6.7	0.58	0.08	1.8	0.097	15.0	65.0	0.9959	3.28	0.54	9.2	5.0
11	5.6	0.615	0.0	1.6	0.089	16.0	59.0	0.9943	3.58	0.52	9.9	5.0
12	7.8	0.61	0.29	1.6	0.114	9.0	29.0	0.9974	3.26	1.56	9.1	5.0
13	8.5	0.28	0.56	1.8	0.092	35.0	103.0	0.9969	3.3	0.75	10.5	7.0
14	7.9	0.32	0.51	1.8	0.341	17.0	56.0	0.9969	3.04	1.08	9.2	6.0
15	7.6	0.39	0.31	2.3	0.082	23.0	71.0	0.9982	3.52	0.65	9.7	5.0
16	7.9	0.43	0.21	1.6	0.106	10.0	37.0	0.9966	3.17	0.91	9.5	5.0
17	8.5	0.49	0.11	2.3	0.084	9.0	67.0	0.9968	3.17	0.53	9.4	5.0
18	6.9	0.4	0.14	2.4	0.085	21.0	40.0	0.9968	3.43	0.63	9.7	6.0
19	6.3	0.39	0.16	1.4	0.08	11.0	23.0	0.9955	3.34	0.56	9.3	5.0
20	7.6	0.41	0.24	1.8	0.08	4.0	11.0	0.9962	3.28	0.59	9.5	5.0
21	7.1	0.71	0.0	1.9	0.08	14.0	35.0	0.9972	3.47	0.55	9.4	5.0
22	7.8	0.645	0.0	2.0	0.082	8.0	16.0	0.9964	3.38	0.59	9.8	6.0
23	6.7	0.675	0.07	2.4	0.089	17.0	82.0	0.9958	3.35	0.54	10.1	5.0
24	8.3	0.655	0.12	2.3	0.083	15.0	113.0	0.9966	3.17	0.66	9.8	5.0
25	5.2	0.32	0.25	1.8	0.103	13.0	50.0	0.9957	3.38	0.55	9.2	5.0
26	7.8	0.645	0.0	5.5	0.086	5.0	18.0	0.9986	3.4	0.55	9.6	6.0
27	7.8	0.6	0.14	2.4	0.086	3.0	15.0	0.9975	3.42	0.6	10.8	6.0
28	8.1	0.38	0.28	2.1	0.066	13.0	30.0	0.9968	3.23	0.73	9.7	7.0
29	7.3	0.45	0.36	5.9	0.074	12.0	87.0	0.9978	3.33	0.83	10.5	5.0

OneHotEncoder (NominalToBinary)







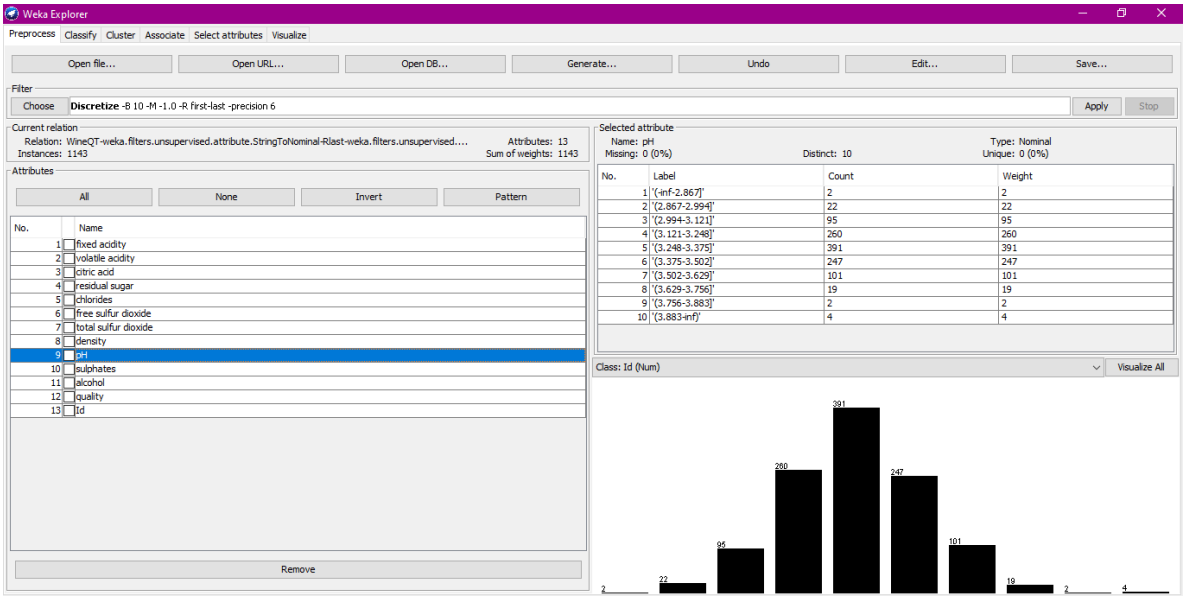
Viewer

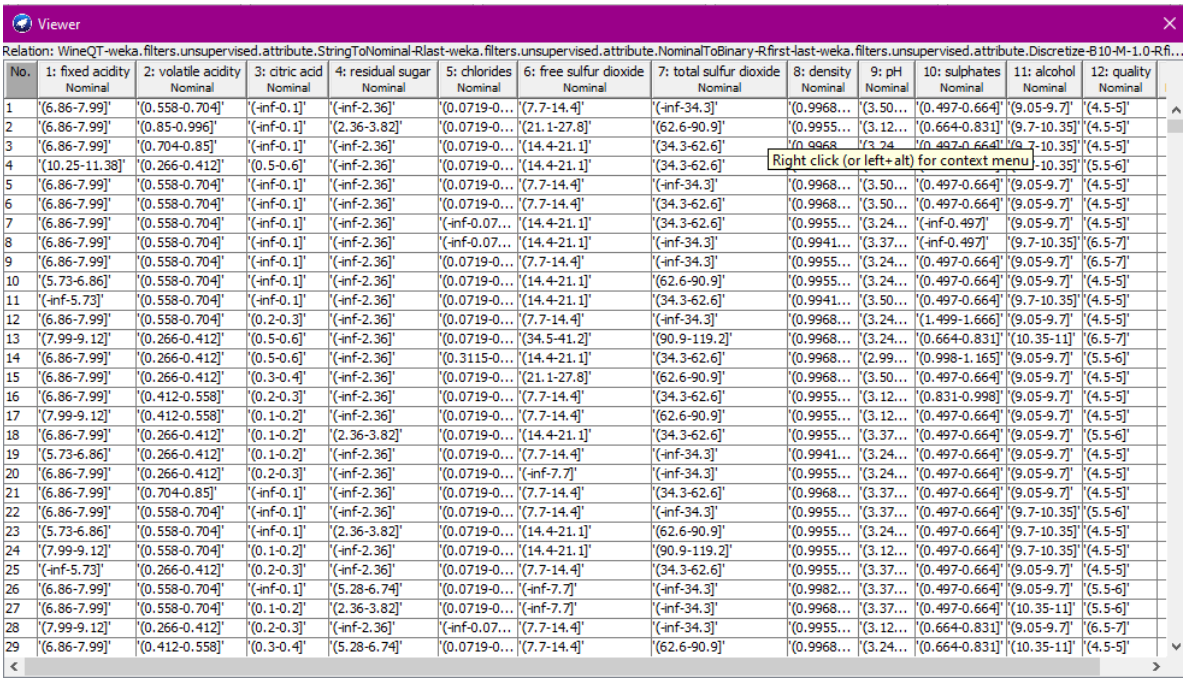
Relation: WineQT-weka.filters.unsupervised.attribute.StringToNominal-Rlast-weka.filters.unsupervised.attribute.NominalToBinary-Rfirst-last

No.	1: fixed acidity Numeric	2: volatile acidity Numeric	3: citric acid Numeric	4: residual sugar Numeric	5: chlorides Numeric	6: free sulfur dioxide Numeric	7: total sulfur dioxide Numeric	8: density Numeric	9: pH Numeric	10: sulphates Numeric	11: alcohol Numeric	12: quality Numeric
1	7.4	0.7	0.0	1.9	0.076	11.0	34.0	0.9978	3.51	0.56	9.4	5.0
2	7.8	0.88	0.0	2.6	0.098	25.0	67.0	0.9968	3.2	0.68	9.8	5.0
3	7.8	0.76	0.04	2.3	0.092	15.0	54.0	0.997	3.26	0.65	9.8	5.0
4	11.2	0.28	0.56	1.9	0.075	17.0	60.0	0.998	3.16	0.58	9.8	6.0
5	7.4	0.7	0.0	1.9	0.076	11.0	34.0	0.9978	3.51	0.56	9.4	5.0
6	7.4	0.66	0.0	1.8	0.075	13.0	40.0	0.9978	3.51	0.56	9.4	5.0
7	7.9	0.6	0.06	1.6	0.069	15.0	59.0	0.9964	3.3	0.46	9.4	5.0
8	7.3	0.65	0.0	1.2	0.065	15.0	21.0	0.9946	3.39	0.47	10.0	7.0
9	7.8	0.58	0.02	2.0	0.073	9.0	18.0	0.9968	3.36	0.57	9.5	7.0
10	6.7	0.58	0.08	1.8	0.097	15.0	65.0	0.9959	3.28	0.54	9.2	5.0
11	5.6	0.615	0.0	1.6	0.089	16.0	59.0	0.9943	3.58	0.52	9.9	5.0
12	7.8	0.61	0.29	1.6	0.114	9.0	29.0	0.9974	3.26	1.56	9.1	5.0
13	8.5	0.28	0.56	1.8	0.092	35.0	103.0	0.9969	3.3	0.75	10.5	7.0
14	7.9	0.32	0.51	1.8	0.341	17.0	56.0	0.9969	3.04	1.08	9.2	6.0
15	7.6	0.39	0.31	2.3	0.082	23.0	71.0	0.9982	3.52	0.65	9.7	5.0
16	7.9	0.43	0.21	1.6	0.106	10.0	37.0	0.9966	3.17	0.91	9.5	5.0
17	8.5	0.49	0.11	2.3	0.084	9.0	67.0	0.9968	3.17	0.53	9.4	5.0
18	6.9	0.4	0.14	2.4	0.085	21.0	40.0	0.9968	3.43	0.63	9.7	6.0
19	6.3	0.39	0.16	1.4	0.08	11.0	23.0	0.9955	3.34	0.56	9.3	5.0
20	7.6	0.41	0.24	1.8	0.08	4.0	11.0	0.9962	3.28	0.59	9.5	5.0
21	7.1	0.71	0.0	1.9	0.08	14.0	35.0	0.9972	3.47	0.55	9.4	5.0
22	7.8	0.645	0.0	2.0	0.082	8.0	16.0	0.9964	3.38	0.59	9.8	6.0
23	6.7	0.675	0.07	2.4	0.089	17.0	82.0	0.9958	3.35	0.54	10.1	5.0
24	8.3	0.655	0.12	2.3	0.083	15.0	113.0	0.9966	3.17	0.66	9.8	5.0
25	5.2	0.32	0.25	1.8	0.103	13.0	50.0	0.9957	3.38	0.55	9.2	5.0
26	7.8	0.645	0.0	5.5	0.086	5.0	18.0	0.9986	3.4	0.55	9.6	6.0
27	7.8	0.6	0.14	2.4	0.086	3.0	15.0	0.9975	3.42	0.6	10.8	6.0
28	8.1	0.38	0.28	2.1	0.066	13.0	30.0	0.9968	3.23	0.73	9.7	7.0
29	7.3	0.45	0.36	5.9	0.074	12.0	87.0	0.9978	3.33	0.83	10.5	5.0

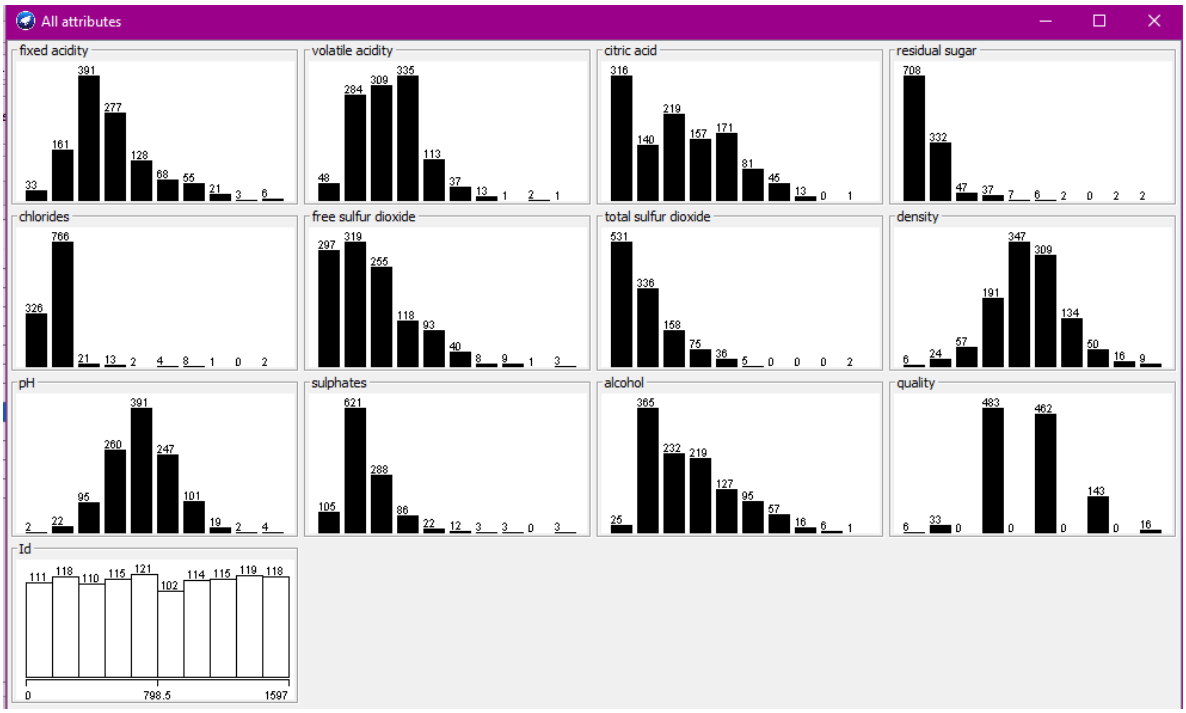
Add instance | Undo | OK | Cancel

Discretización (Discretize)

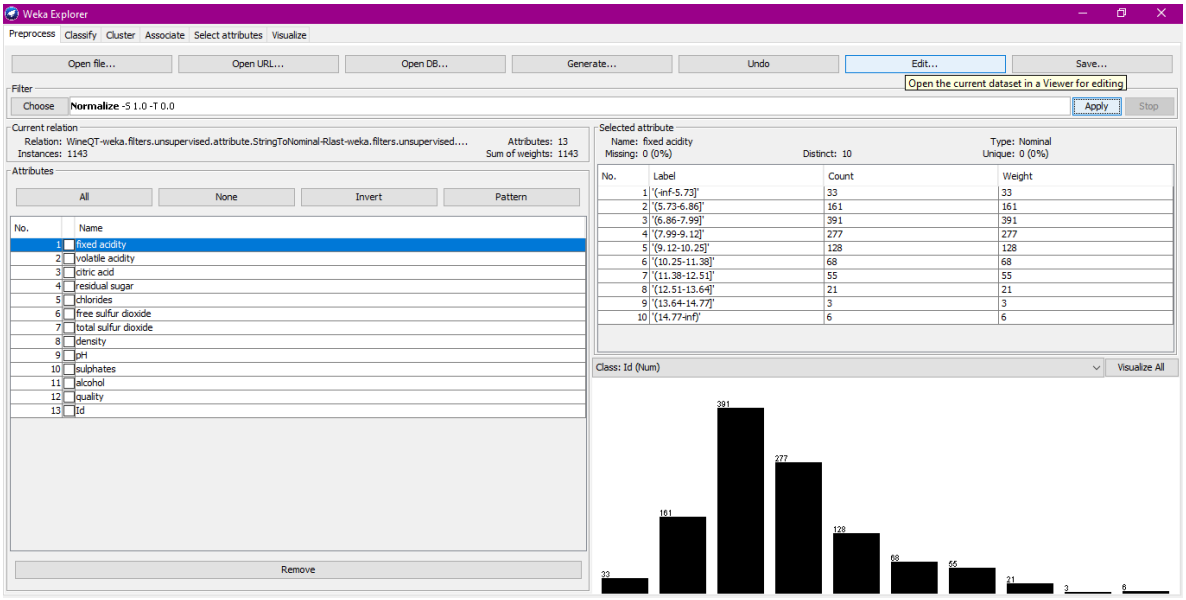




No.	1: fixed acidity Nominal	2: volatile acidity Nominal	3: citric acid Nominal	4: residual sugar Nominal	5: chlorides Nominal	6: free sulfur dioxide Nominal	7: total sulfur dioxide Nominal	8: density Nominal	9: pH Nominal	10: sulphates Nominal	11: alcohol Nominal	12: quality Nominal
1	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9968...'	'(3.50...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
2	'(6.86-7.99]'	'(0.85-0.996]'	'(-inf-0.1]'	'(2.36-3.82]'	'(0.0719-0...'	'(21.1-27.8]'	'(62.6-90.9]'	'(0.9955...'	'(3.12...'	'(0.664-0.831]'	'(9.7-10.35]'	'(4.5-5]'
3	'(6.86-7.99]'	'(0.704-0.85]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9968'	'(3.24	'(0.497-0.664]'	'(9.7-10.35]'	'(4.5-5]'
4	'(10.25-11.38]'	'(0.266-0.412]'	'(0.5-0.6]'	'(-inf-2.36]'	'(0.0719-0...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9941...'	'(3.37...'	'(0.497-0.664]'	'(9.7-10.35]'	'(5.5-6]'
5	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9968...'	'(3.50...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
6	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(34.3-62.6]'	'(0.9968...'	'(3.50...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
7	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(-inf-0.07...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9955...'	'(3.24...'	'(-inf-0.497]'	'(9.05-9.7]'	'(4.5-5]'
8	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(-inf-0.07...'	'(14.4-21.1]'	'(-inf-34.3]'	'(0.9941...'	'(3.37...'	'(-inf-0.497]'	'(9.7-10.35]'	'(6.5-7]'
9	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9955...'	'(3.24...'	'(0.497-0.664]'	'(9.05-9.7]'	'(6.5-7]'
10	'(5.73-6.86]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(14.4-21.1]'	'(62.6-90.9]'	'(0.9955...'	'(3.24...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
11	'(-inf-5.73]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9941...'	'(3.50...'	'(0.497-0.664]'	'(9.7-10.35]'	'(4.5-5]'
12	'(6.86-7.99]'	'(0.558-0.704]'	'(0.2-0.3]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9968...'	'(3.24...'	'(1.499-1.666]'	'(9.05-9.7]'	'(4.5-5]'
13	'(7.99-9.12]'	'(0.266-0.412]'	'(0.5-0.6]'	'(-inf-2.36]'	'(0.0719-0...'	'(34.5-41.2]'	'(90.9-119.2]'	'(0.9968...'	'(3.24...'	'(0.664-0.831]'	'(10.35-11]'	'(6.5-7]'
14	'(6.86-7.99]'	'(0.266-0.412]'	'(0.5-0.6]'	'(-inf-2.36]'	'(0.3115-0...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9968...'	'(2.99...'	'(0.998-1.165]'	'(9.05-9.7]'	'(5.5-6]'
15	'(6.86-7.99]'	'(0.266-0.412]'	'(0.3-0.4]'	'(-inf-2.36]'	'(0.0719-0...'	'(21.1-27.8]'	'(62.6-90.9]'	'(0.9968...'	'(3.50...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
16	'(6.86-7.99]'	'(0.412-0.558]'	'(0.2-0.3]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(34.3-62.6]'	'(0.9955...'	'(3.12...'	'(0.831-0.998]'	'(9.05-9.7]'	'(4.5-5]'
17	'(7.99-9.12]'	'(0.412-0.558]'	'(0.1-0.2]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(62.6-90.9]'	'(0.9955...'	'(3.12...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
18	'(6.86-7.99]'	'(0.266-0.412]'	'(0.1-0.2]'	'(2.36-3.82]'	'(0.0719-0...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9955...'	'(3.37...'	'(0.497-0.664]'	'(9.05-9.7]'	'(5.5-6]'
19	'(5.73-6.86]'	'(0.266-0.412]'	'(0.1-0.2]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9941...'	'(3.24...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
20	'(6.86-7.99]'	'(0.266-0.412]'	'(0.2-0.3]'	'(-inf-2.36]'	'(0.0719-0...'	'(-inf-7.7]'	'(-inf-34.3]'	'(0.9955...'	'(3.24...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
21	'(6.86-7.99]'	'(0.704-0.85]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(34.3-62.6]'	'(0.9968...'	'(3.37...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
22	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9955...'	'(3.37...'	'(0.497-0.664]'	'(9.7-10.35]'	'(5.5-6]'
23	'(5.73-6.86]'	'(0.558-0.704]'	'(-inf-0.1]'	'(2.36-3.82]'	'(0.0719-0...'	'(14.4-21.1]'	'(62.6-90.9]'	'(0.9955...'	'(3.24...'	'(0.497-0.664]'	'(9.7-10.35]'	'(4.5-5]'
24	'(7.99-9.12]'	'(0.558-0.704]'	'(0.1-0.2]'	'(-inf-2.36]'	'(0.0719-0...'	'(14.4-21.1]'	'(90.9-119.2]'	'(0.9955...'	'(3.12...'	'(0.497-0.664]'	'(9.7-10.35]'	'(4.5-5]'
25	'(-inf-5.73]'	'(0.266-0.412]'	'(0.2-0.3]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(34.3-62.6]'	'(0.9955...'	'(3.37...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
26	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(5.28-6.74]'	'(0.0719-0...'	'(-inf-7.7]'	'(-inf-34.3]'	'(0.9982...'	'(3.37...'	'(0.497-0.664]'	'(9.05-9.7]'	'(5.5-6]'
27	'(6.86-7.99]'	'(0.558-0.704]'	'(0.1-0.2]'	'(2.36-3.82]'	'(0.0719-0...'	'(-inf-7.7]'	'(-inf-34.3]'	'(0.9968...'	'(3.37...'	'(0.497-0.664]'	'(10.35-11]'	'(5.5-6]'
28	'(7.99-9.12]'	'(0.266-0.412]'	'(0.2-0.3]'	'(-inf-2.36]'	'(-inf-0.07...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9955...'	'(3.12...'	'(0.664-0.831]'	'(9.05-9.7]'	'(6.5-7]'
29	'(6.86-7.99]'	'(0.412-0.558]'	'(0.3-0.4]'	'(5.28-6.74]'	'(0.0719-0...'	'(7.7-14.4]'	'(62.6-90.9]'	'(0.9968...'	'(3.24...'	'(0.664-0.831]'	'(10.35-11]'	'(4.5-5]'



Normalización (Normalize)



Viewer

Relation: WineQT-weka.filters.unsupervised.attribute.StringToNominal-Rlast-weka.filters.unsupervised.attribute.NominalToBinary-Rfirst-last-weka.filters.unsupervised.attribute.Discretize-B10-M-1.0-Rfi...

No.	1: fixed acidity Nominal	2: volatile acidity Nominal	3: citric acid Nominal	4: residual sugar Nominal	5: chlorides Nominal	6: free sulfur dioxide Nominal	7: total sulfur dioxide Nominal	8: density Nominal	9: pH Nominal	10: sulphates Nominal	11: alcohol Nominal	12: quality Nominal
1	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9968...'	'(3.50...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
2	'(6.86-7.99]'	'(0.85-0.996]'	'(-inf-0.1]'	'(2.36-3.82]'	'(0.0719-0...'	'(21.1-27.8]'	'(62.6-90.9]'	'(0.9955...'	'(3.12...'	'(0.664-0.831]'	'(9.7-10.35]'	'(4.5-5]'
3	'(6.86-7.99]'	'(0.704-0.85]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9968...'	'(3.24...'	'(0.497-0.664]'	'(9.7-10.35]'	'(4.5-5]'
4	'(10.25-11.38]'	'(0.266-0.412]'	'(0.5-0.6]'	'(-inf-2.36]'	'(0.0719-0...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9968...'	'(3.12...'	'(0.497-0.664]'	'(9.7-10.35]'	'(5.5-6]'
5	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9968...'	'(3.50...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
6	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(34.3-62.6]'	'(0.9968...'	'(3.50...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
7	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(-inf-0.07...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9955...'	'(3.24...'	'(-inf-0.497]'	'(9.05-9.7]'	'(4.5-5]'
8	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(-inf-0.07...'	'(14.4-21.1]'	'(-inf-34.3]'	'(0.9941...'	'(3.37...'	'(-inf-0.497]'	'(9.7-10.35]'	'(6.5-7]'
9	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9955...'	'(3.24...'	'(0.497-0.664]'	'(9.05-9.7]'	'(6.5-7]'
10	'(5.73-6.86]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(14.4-21.1]'	'(62.6-90.9]'	'(0.9955...'	'(3.24...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
11	'(-inf-5.73]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9941...'	'(3.50...'	'(0.497-0.664]'	'(9.7-10.35]'	'(4.5-5]'
12	'(6.86-7.99]'	'(0.558-0.704]'	'(0.2-0.3]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9968...'	'(3.24...'	'(1.499-1.666]'	'(9.05-9.7]'	'(4.5-5]'
13	'(7.99-9.12]'	'(0.266-0.412]'	'(0.5-0.6]'	'(-inf-2.36]'	'(0.0719-0...'	'(34.5-41.2]'	'(90.9-119.2]'	'(0.9968...'	'(3.24...'	'(0.664-0.831]'	'(10.35-11]'	'(6.5-7]'
14	'(6.86-7.99]'	'(0.266-0.412]'	'(0.5-0.6]'	'(-inf-2.36]'	'(0.3115-0...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9968...'	'(2.99...'	'(0.998-1.165]'	'(9.05-9.7]'	'(5.5-6]'
15	'(6.86-7.99]'	'(0.266-0.412]'	'(0.3-0.4]'	'(-inf-2.36]'	'(0.0719-0...'	'(21.1-27.8]'	'(62.6-90.9]'	'(0.9968...'	'(3.50...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
16	'(6.86-7.99]'	'(0.412-0.558]'	'(0.2-0.3]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(34.3-62.6]'	'(0.9955...'	'(3.12...'	'(0.831-0.998]'	'(9.05-9.7]'	'(4.5-5]'
17	'(7.99-9.12]'	'(0.412-0.558]'	'(0.1-0.2]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(62.6-90.9]'	'(0.9955...'	'(3.12...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
18	'(6.86-7.99]'	'(0.266-0.412]'	'(0.1-0.2]'	'(2.36-3.82]'	'(0.0719-0...'	'(14.4-21.1]'	'(34.3-62.6]'	'(0.9955...'	'(3.37...'	'(0.497-0.664]'	'(9.05-9.7]'	'(5.5-6]'
19	'(5.73-6.86]'	'(0.266-0.412]'	'(0.1-0.2]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9941...'	'(3.24...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
20	'(6.86-7.99]'	'(0.266-0.412]'	'(0.2-0.3]'	'(-inf-2.36]'	'(0.0719-0...'	'(-inf-7.7]'	'(-inf-34.3]'	'(0.9955...'	'(3.24...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
21	'(6.86-7.99]'	'(0.704-0.85]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(34.3-62.6]'	'(0.9968...'	'(3.37...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
22	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9955...'	'(3.37...'	'(0.497-0.664]'	'(9.7-10.35]'	'(5.5-6]'
23	'(5.73-6.86]'	'(0.558-0.704]'	'(-inf-0.1]'	'(2.36-3.82]'	'(0.0719-0...'	'(14.4-21.1]'	'(62.6-90.9]'	'(0.9955...'	'(3.24...'	'(0.497-0.664]'	'(9.7-10.35]'	'(4.5-5]'
24	'(7.99-9.12]'	'(0.558-0.704]'	'(0.1-0.2]'	'(-inf-2.36]'	'(0.0719-0...'	'(14.4-21.1]'	'(90.9-119.2]'	'(0.9955...'	'(3.12...'	'(0.497-0.664]'	'(9.7-10.35]'	'(4.5-5]'
25	'(-inf-5.73]'	'(0.266-0.412]'	'(0.2-0.3]'	'(-inf-2.36]'	'(0.0719-0...'	'(7.7-14.4]'	'(34.3-62.6]'	'(0.9955...'	'(3.37...'	'(0.497-0.664]'	'(9.05-9.7]'	'(4.5-5]'
26	'(6.86-7.99]'	'(0.558-0.704]'	'(-inf-0.1]'	'(5.28-6.74]'	'(0.0719-0...'	'(-inf-7.7]'	'(-inf-34.3]'	'(0.9982...'	'(3.37...'	'(0.497-0.664]'	'(9.05-9.7]'	'(5.5-6]'
27	'(6.86-7.99]'	'(0.558-0.704]'	'(0.1-0.2]'	'(2.36-3.82]'	'(0.0719-0...'	'(-inf-7.7]'	'(-inf-34.3]'	'(0.9968...'	'(3.37...'	'(0.497-0.664]'	'(10.35-11]'	'(5.5-6]'
28	'(7.99-9.12]'	'(0.266-0.412]'	'(0.2-0.3]'	'(-inf-2.36]'	'(-inf-0.07...'	'(7.7-14.4]'	'(-inf-34.3]'	'(0.9955...'	'(3.12...'	'(0.664-0.831]'	'(9.05-9.7]'	'(6.5-7]'
29	'(6.86-7.99]'	'(0.412-0.558]'	'(0.3-0.4]'	'(5.28-6.74]'	'(0.0719-0...'	'(7.7-14.4]'	'(62.6-90.9]'	'(0.9968...'	'(3.24...'	'(0.664-0.831]'	'(10.35-11]'	'(4.5-5]'

All attributes