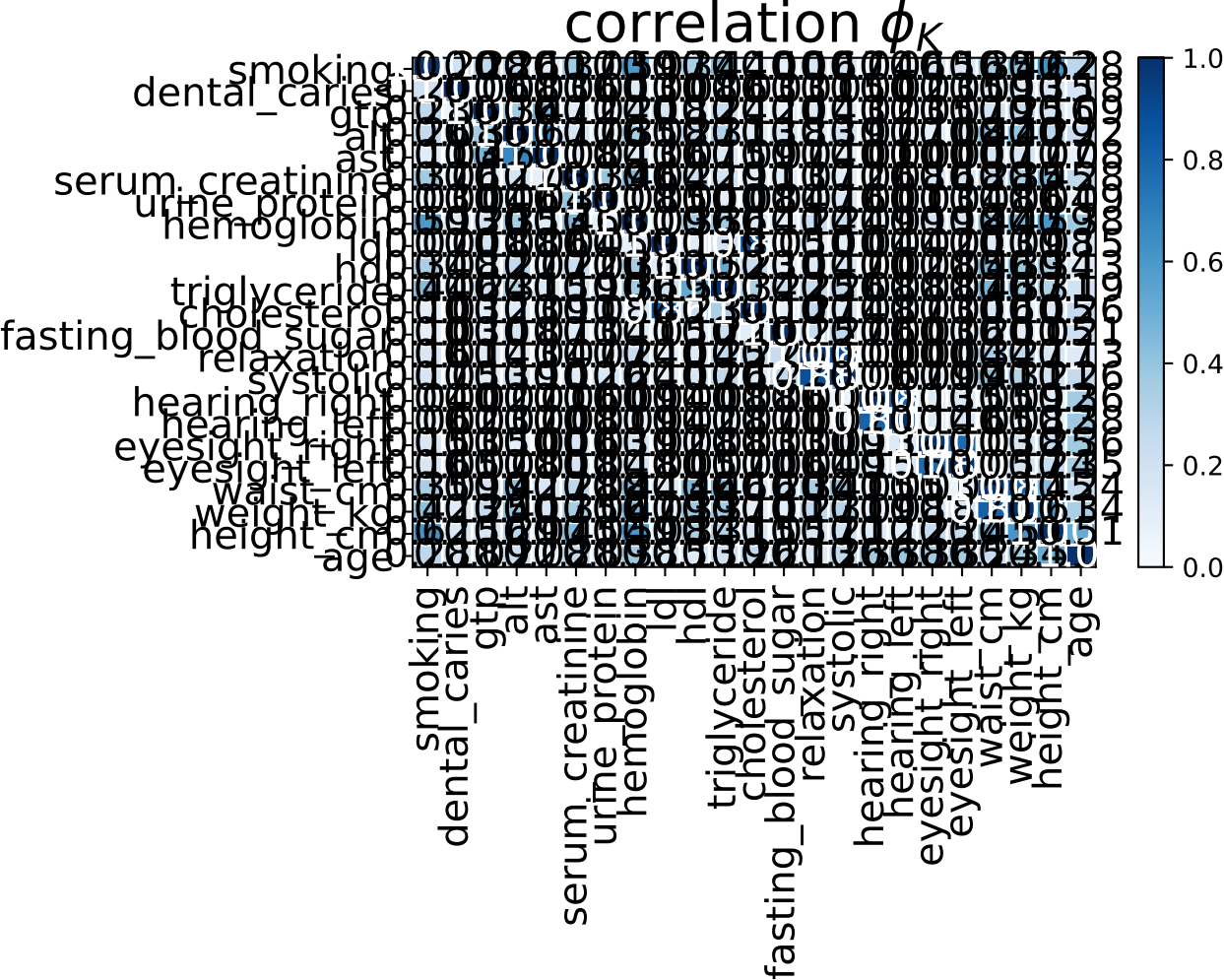
correlation ϕ_K
smoking
dental_caries
gtp
alt
ast
serum_creatinine
urine_protein
hemoglobin
ldl
hdl
triglyceride
cholesterol
fasting_blood_sugar
relaxation
systolic
hearing_right
hearing_left
eyesight_right
eyesight_left
waist_cm
weight_kg
height_cm
age
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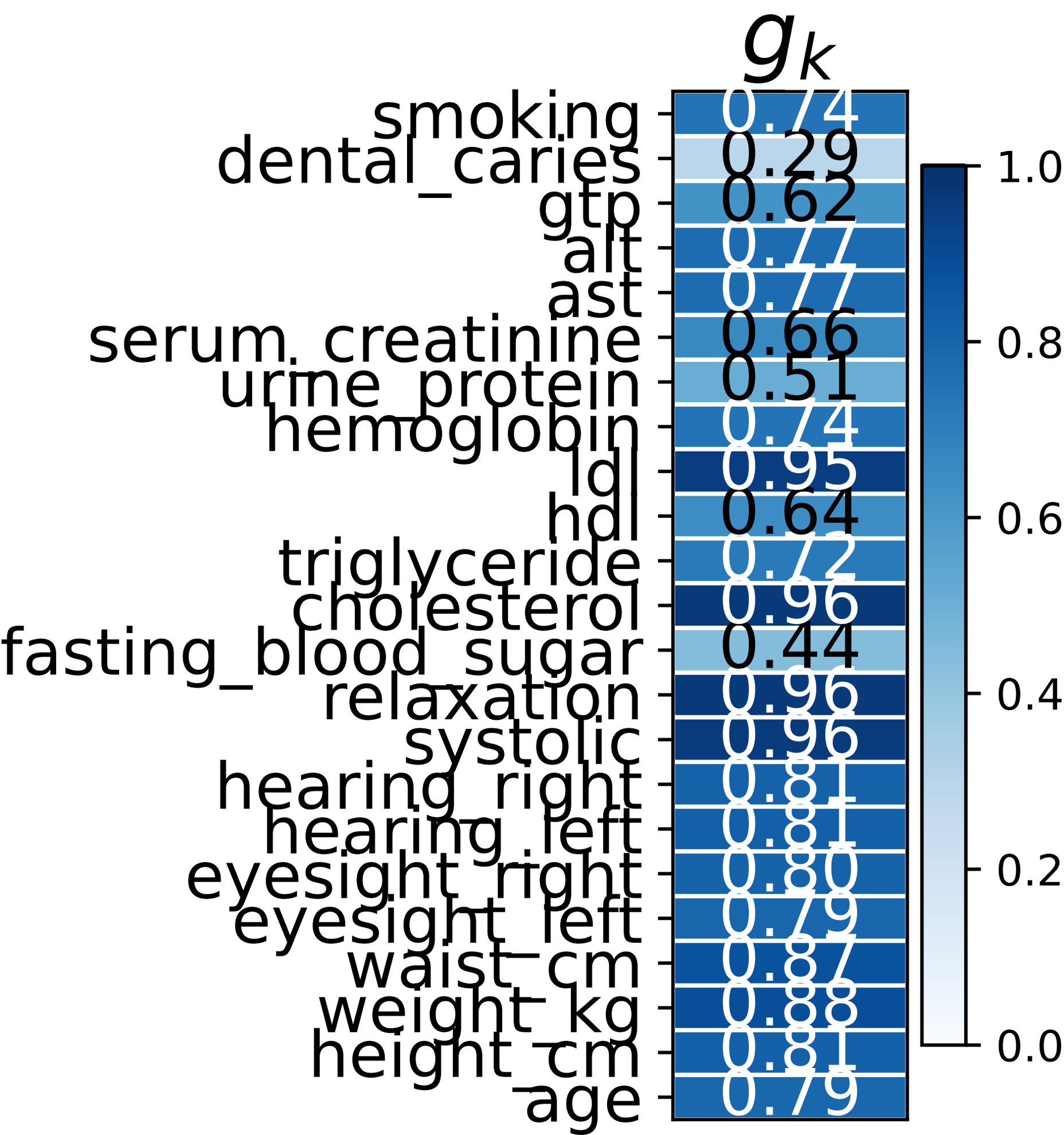
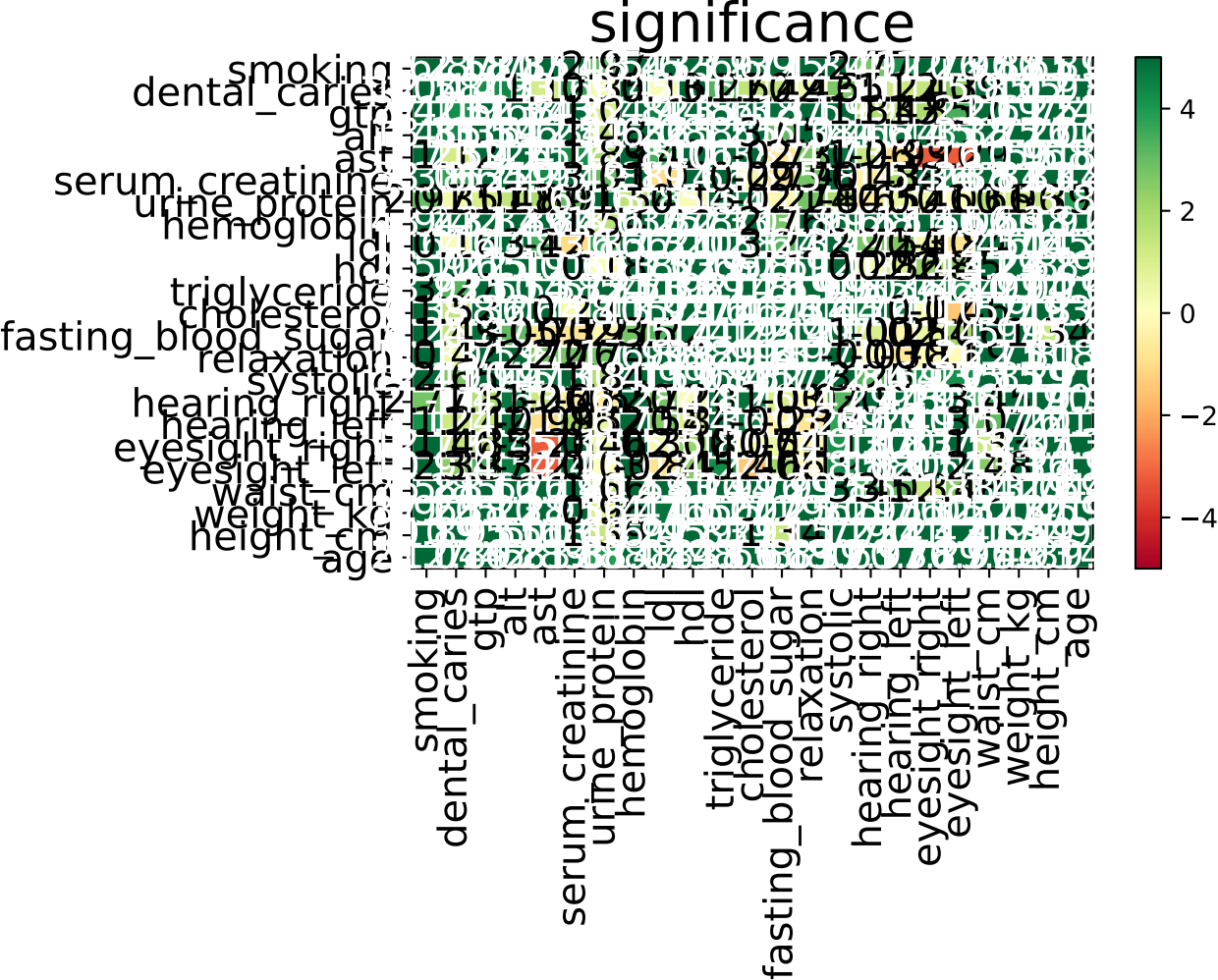
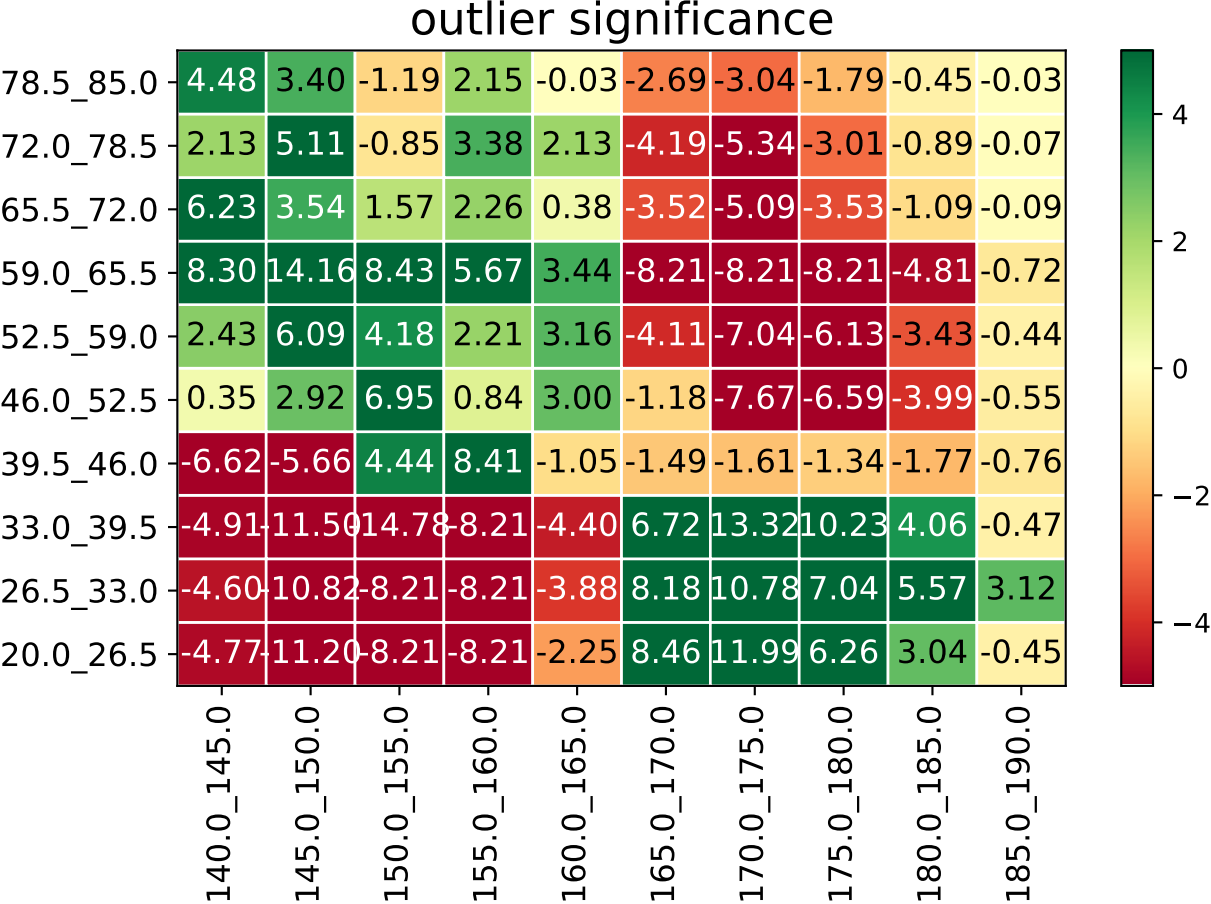
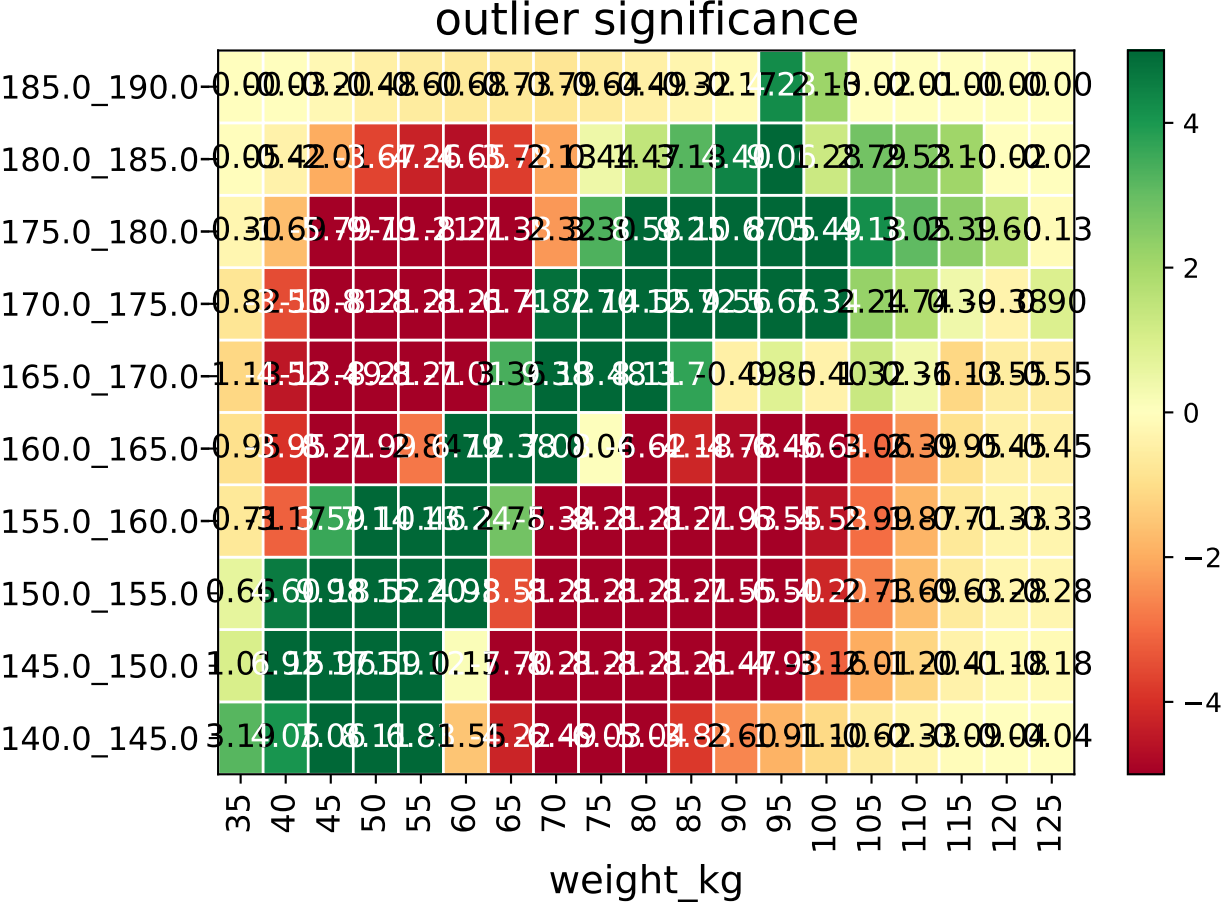
0.8
0.6
0.4
0.2
0.0


g_k
smoking
dental_caries
gtp
alt
ast
serum_creatinine
urine_protein
hemoglobin
ldl
hdl
triglyceride
cholesterol
fasting_blood_sugar
relaxation
systolic
hearing_right
hearing_left
eyesight_right
eyesight_left
waist_cm
weight_kg
height_cm
age
0.74
0.29
0.62
0.77
0.77
0.66
0.51
0.74
0.95
0.64
0.72
0.96
0.44
0.96
0.96
0.81
0.81
0.80
0.79
0.87
0.88
0.81
0.79
1.0
0.8
0.6
0.4
0.2
0.0


significance
smoking
dental_caries
gtp
alt
ast
serum_creatinine
urine_protein
hemoglobin
ldl
hdl
triglyceride
cholesterol
fasting_blood_sugar
relaxation
systolic
hearing_right
hearing_left
eyesight_right
eyesight_left
waist_cm
weight_kg
height_cm
age
4
2
0
−2
−4


outlier significance
78.5_85.0 4.48 3.40 -1.19 2.15 -0.03 -2.69 -3.04 -1.79 -0.45 -0.03
72.0_78.5 2.13 5.11 -0.85 3.38 2.13 -4.19 -5.34 -3.01 -0.89 -0.07
65.5_72.0 6.23 3.54 1.57 2.26 0.38 -3.52 -5.09 -3.53 -1.09 -0.09
59.0_65.5 8.30 14.16 8.43 5.67 3.44 -8.21 -8.21 -8.21 -4.81 -0.72
52.5_59.0 2.43 6.09 4.18 2.21 3.16 -4.11 -7.04 -6.13 -3.43 -0.44
46.0_52.5 0.35 2.92 6.95 0.84 3.00 -1.18 -7.67 -6.59 -3.99 -0.55
39.5_46.0 -6.62 -5.66 4.44 8.41 -1.05 -1.49 -1.61 -1.34 -1.77 -0.76
33.0_39.5 -4.91 -11.50 14.78 -8.21 -4.40 6.72 13.32 10.23 4.06 -0.47
26.5_33.0 -4.60 10.82 -8.21 -8.21 -3.88 8.18 10.78 7.04 5.57 3.12
20.0_26.5 -4.77 -11.20 -8.21 -8.21 -2.25 8.46 11.99 6.26 3.04 -0.45
140.0_145.0
145.0_150.0
150.0_155.0
155.0_160.0
160.0_165.0
165.0_170.0
170.0_175.0
175.0_180.0
180.0_185.0
185.0_190.0
4
2
0
−2
−4


outlier significance
185.0_190.0
180.0_185.0
175.0_180.0
170.0_175.0
165.0_170.0
160.0_165.0
155.0_160.0
150.0_155.0
145.0_150.0
140.0_145.0
35
40
45
50
55
60
65
70
75
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85
90
95
100
105
110
115
120
125
weight_kg
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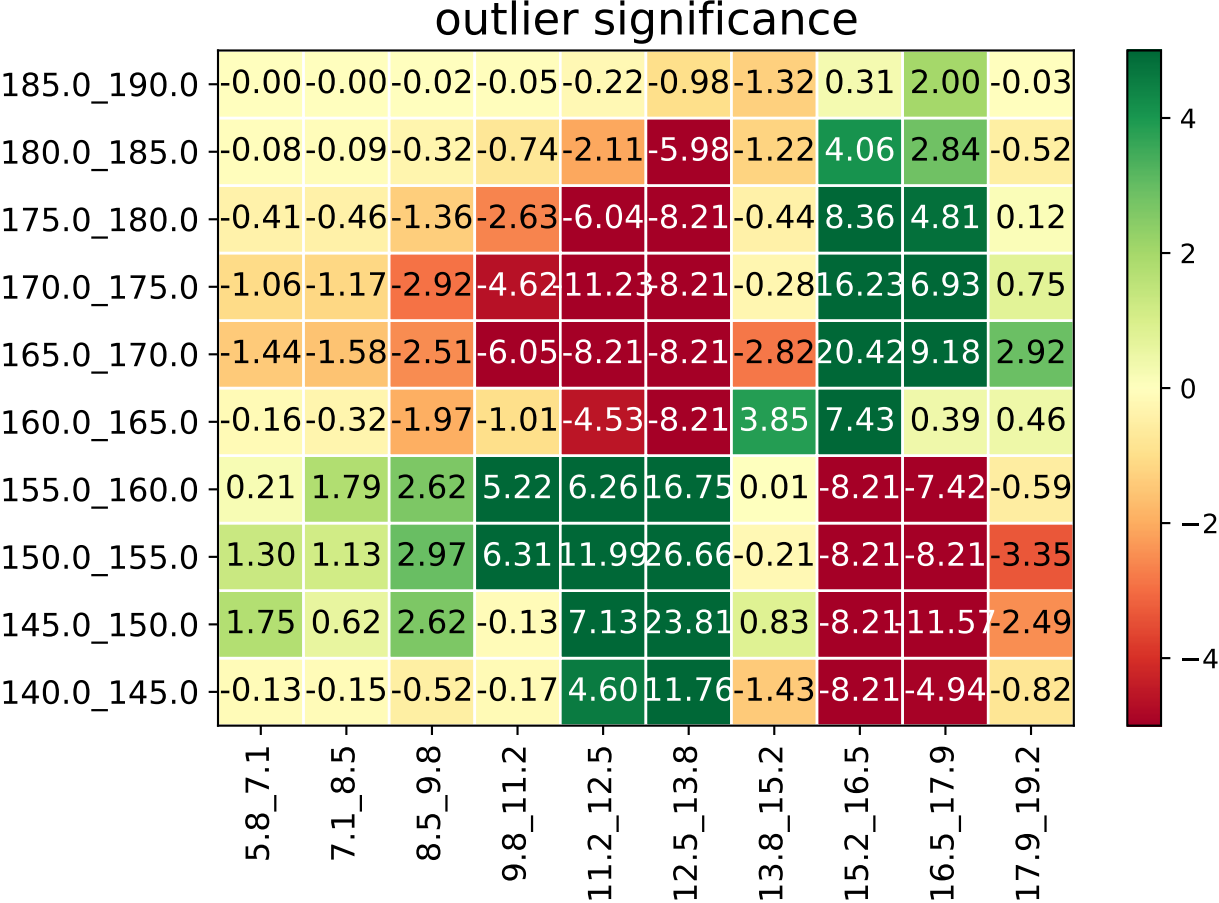
0
−2
−4


outlier significance
185.0_190.0 -0.00 -0.00 -0.02 -0.05 -0.22 -0.98 -1.32 0.31 2.00 -0.03
180.0_185.0 -0.08 -0.09 -0.32 -0.74 -2.11 -5.98 -1.22 4.06 2.84 -0.52
175.0_180.0 -0.41 -0.46 -1.36 -2.63 -6.04 -8.21 -0.44 8.36 4.81 0.12
170.0_175.0 -1.06 -1.17 -2.92 -4.62 11.23 -8.21 -0.28 16.23 6.93 0.75
165.0_170.0 -1.44 -1.58 -2.51 -6.05 -8.21 -8.21 -2.82 20.42 9.18 2.92
160.0_165.0 -0.16 -0.32 -1.97 -1.01 -4.53 -8.21 3.85 7.43 0.39 0.46
155.0_160.0 0.21 1.79 2.62 5.22 6.26 16.75 0.01 -8.21 -7.42 -0.59
150.0_155.0 1.30 1.13 2.97 6.31 11.99 26.66 -0.21 -8.21 -8.21 -3.35
145.0_150.0 1.75 0.62 2.62 -0.13 7.13 23.81 0.83 -8.21 11.57 -2.49
140.0_145.0 -0.13 -0.15 -0.52 -0.17 4.60 11.76 -1.43 -8.21 -4.94 -0.82
5.8_7.1
7.1_8.5
8.5_9.8
9.8_11.2
11.2_12.5
12.5_13.8
13.8_15.2
15.2_16.5
16.5_17.9
17.9_19.2
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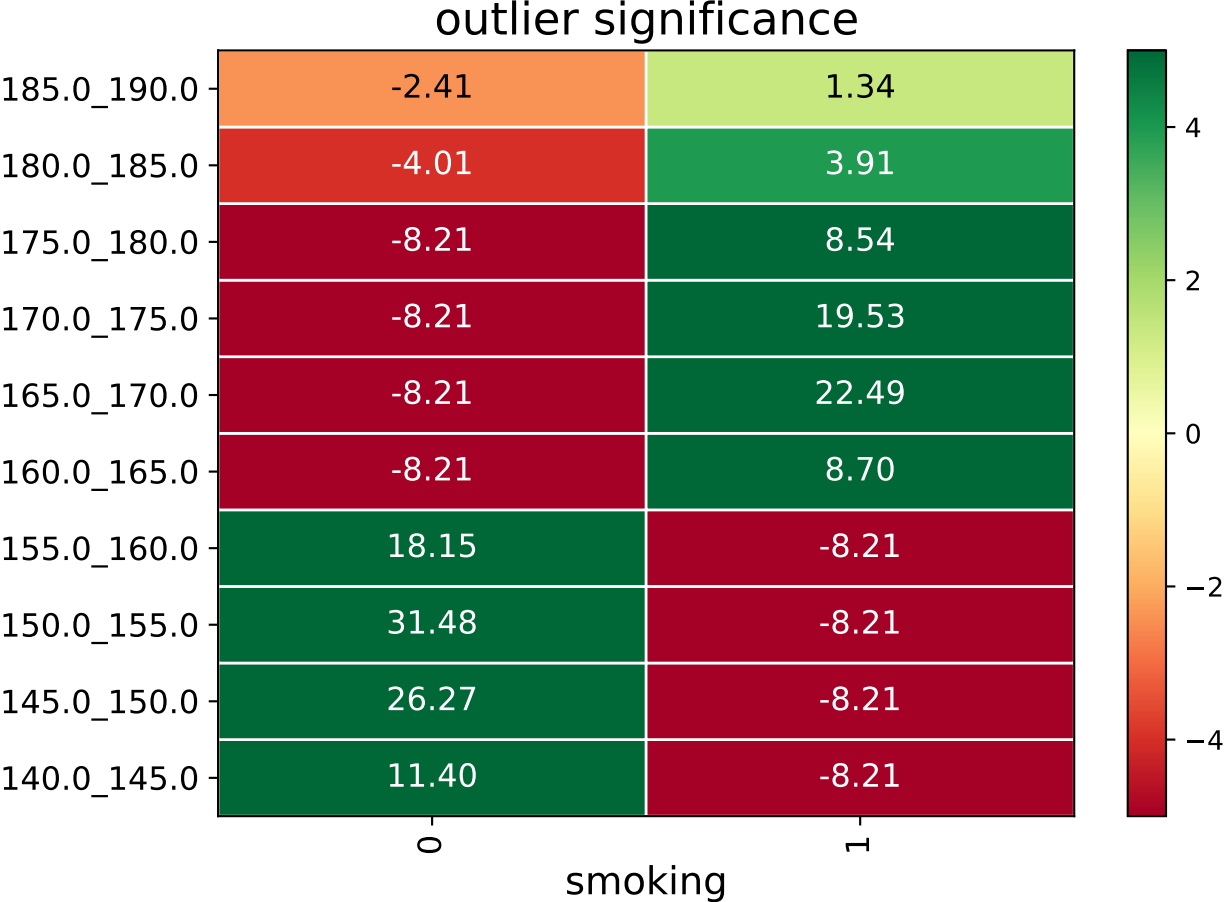
2
0
−2
−4


outlier significance
185.0_190.0
180.0_185.0
175.0_180.0
170.0_175.0
165.0_170.0
160.0_165.0
155.0_160.0
150.0_155.0
145.0_150.0
140.0_145.0
-2.41
1.34
-4.01
3.91
-8.21
8.54
-8.21
19.53
-8.21
22.49
-8.21
8.70
18.15
-8.21
31.48
-8.21
26.27
-8.21
11.40
-8.21
0
1
smoking
4
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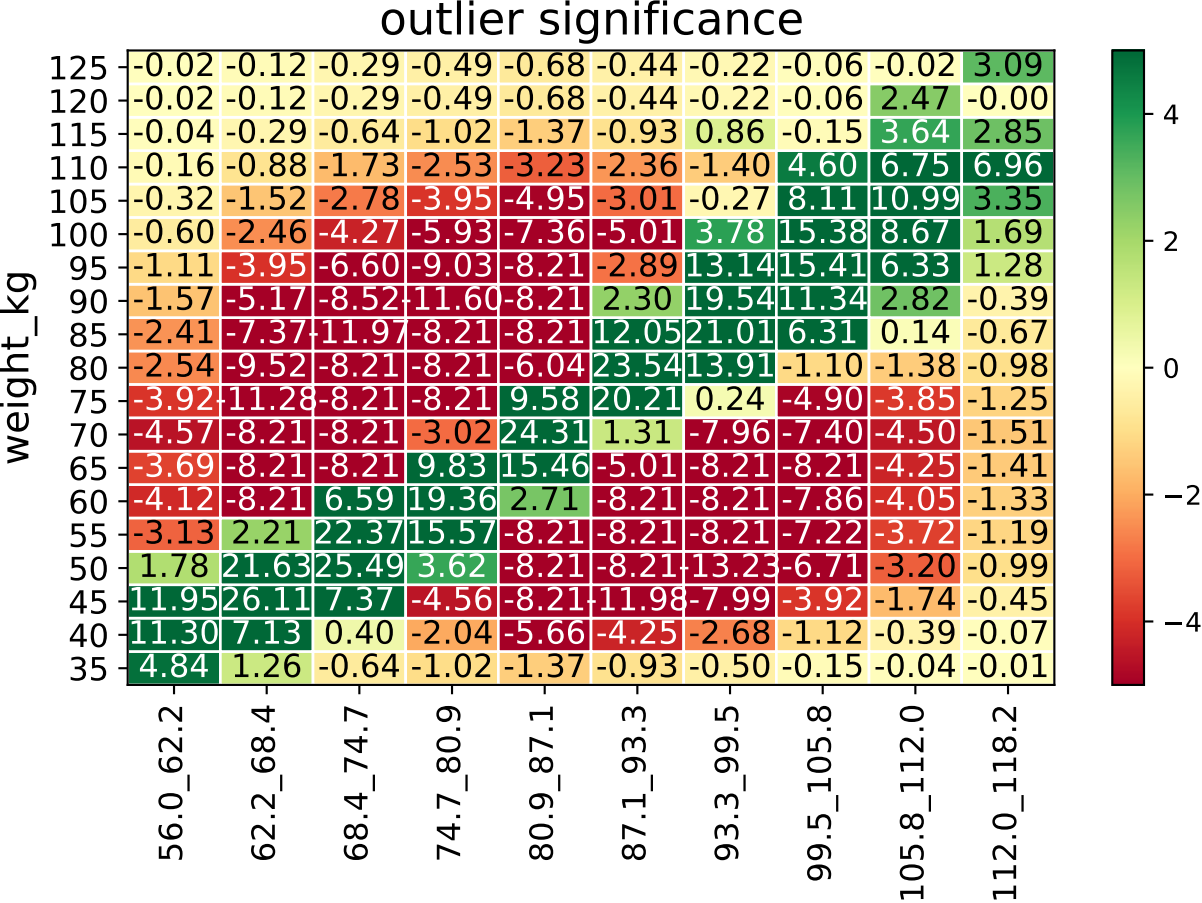
0
−2
−4


outlier significance
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120 -0.02 -0.12 -0.29 -0.49 -0.68 -0.44 -0.22 -0.06 2.47 -0.00
115 -0.04 -0.29 -0.64 -1.02 -1.37 -0.93 0.86 -0.15 3.64 2.85
110 -0.16 -0.88 -1.73 -2.53 -3.23 -2.36 -1.40 4.60 6.75 6.96
105 -0.32 -1.52 -2.78 -3.95 -4.95 -3.01 -0.27 8.11 10.99 3.35
100 -0.60 -2.46 -4.27 -5.93 -7.36 -5.01 3.78 15.38 8.67 1.69
95 -1.11 -3.95 -6.60 -9.03 -8.21 -2.89 13.14 15.41 6.33 1.28
90 -1.57 -5.17 -8.52 -11.60 -8.21 2.30 19.54 11.34 2.82 -0.39
85 -2.41 -7.37 -11.97 -8.21 -8.21 12.05 21.01 6.31 0.14 -0.67
80 -2.54 -9.52 -8.21 -8.21 -6.04 23.54 13.91 -1.10 -1.38 -0.98
75 -3.92 -11.28 -8.21 -8.21 9.58 20.21 0.24 -4.90 -3.85 -1.25
70 -4.57 -8.21 -8.21 -3.02 24.31 1.31 -7.96 -7.40 -4.50 -1.51
65 -3.69 -8.21 -8.21 9.83 15.46 -5.01 -8.21 -8.21 -4.25 -1.41
60 -4.12 -8.21 6.59 19.36 2.71 -8.21 -8.21 -7.86 -4.05 -1.33
55 -3.13 2.21 22.37 15.57 -8.21 -8.21 -8.21 -7.22 -3.72 -1.19
50 1.78 21.63 25.49 3.62 -8.21 -8.21 -13.23 -6.71 -3.20 -0.99
45 11.95 26.11 7.37 -4.56 -8.21 -11.98 -7.99 -3.92 -1.74 -0.45
40 11.30 7.13 0.40 -2.04 -5.66 -4.25 -2.68 -1.12 -0.39 -0.07
35 4.84 1.26 -0.64 -1.02 -1.37 -0.93 -0.50 -0.15 -0.04 -0.01
56.0_62.2
62.2_68.4
68.4_74.7
74.7_80.9
80.9_87.1
87.1_93.3
93.3_99.5
99.5_105.8
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0
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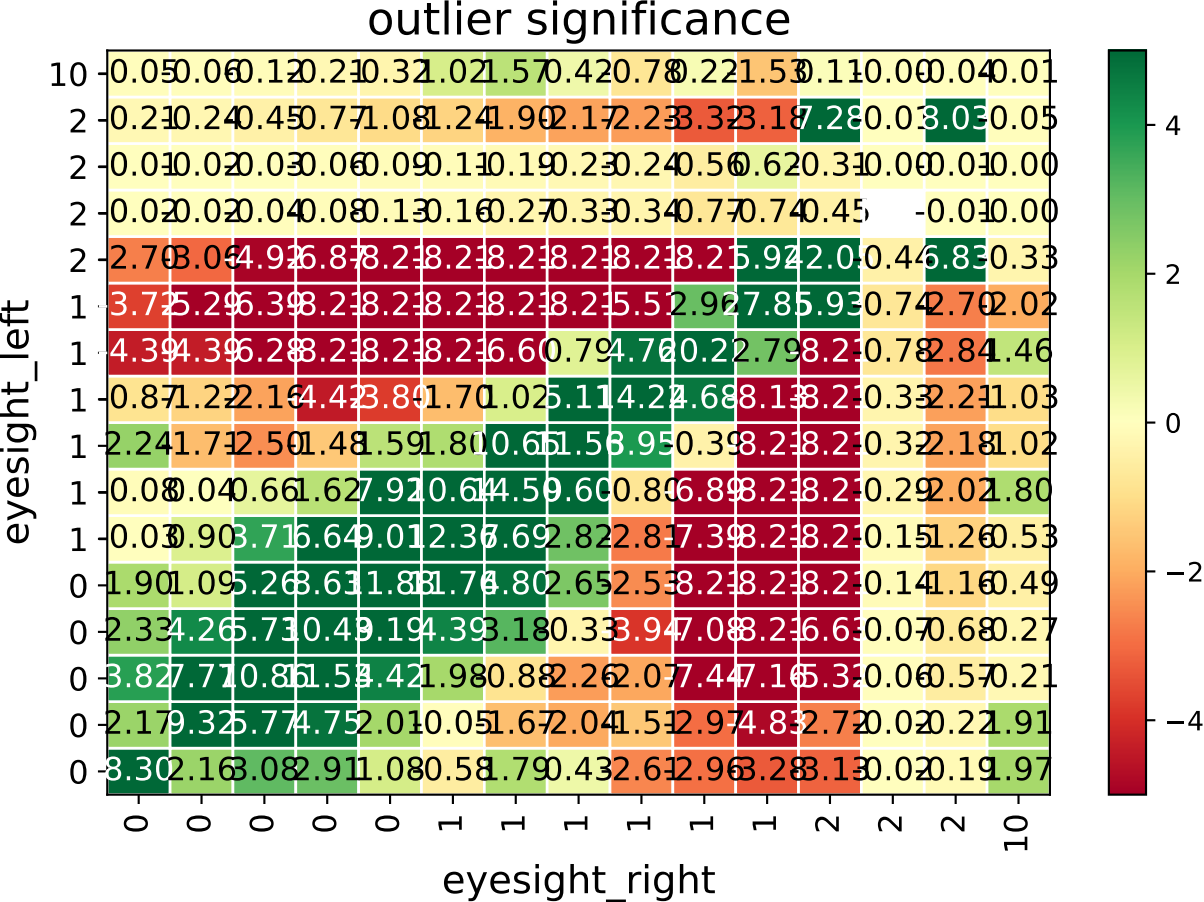
−4


outlier significance
eyesight_left
eyesight_right
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2
2
2
1
1
1
1
1
1
0
0
0
0
0
0
0
0
0
1
1
1
1
1
1
2
2
2
10
4
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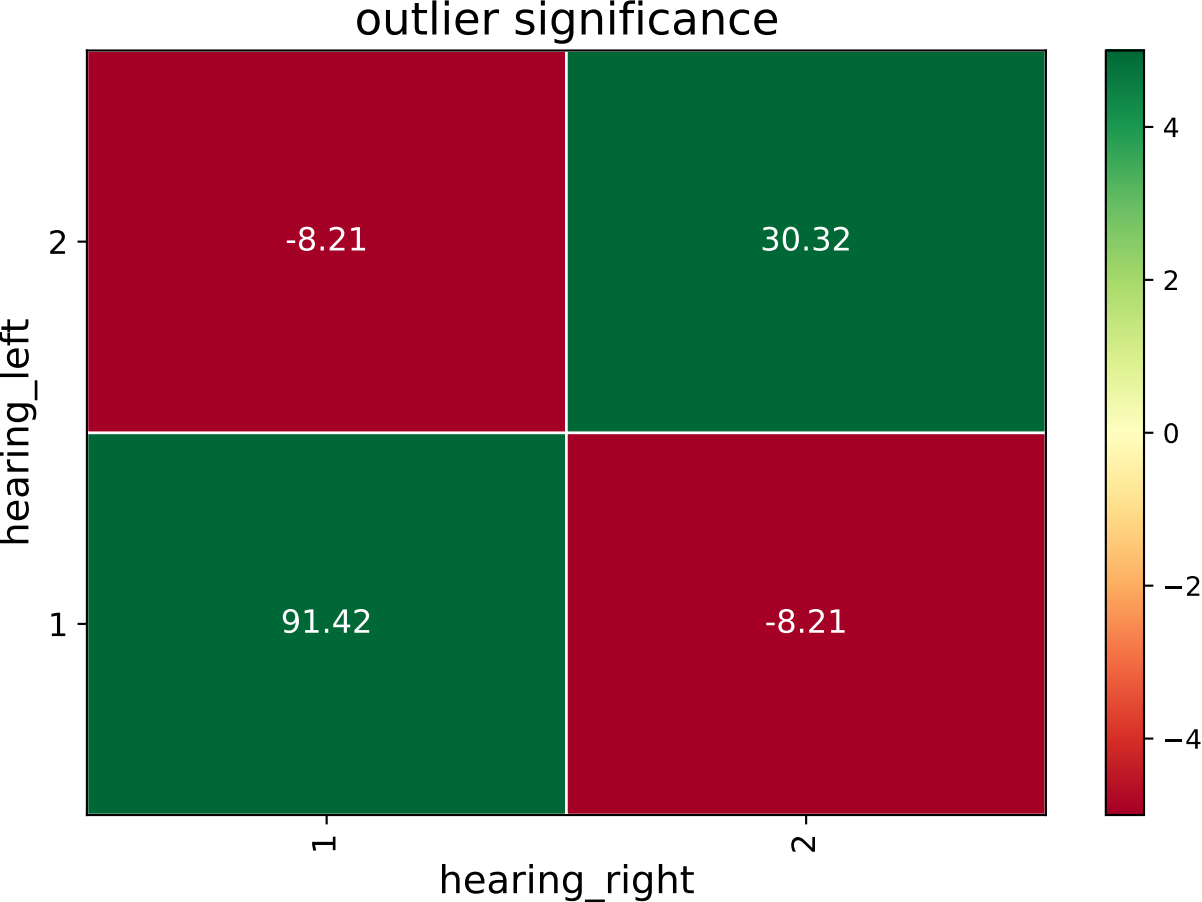
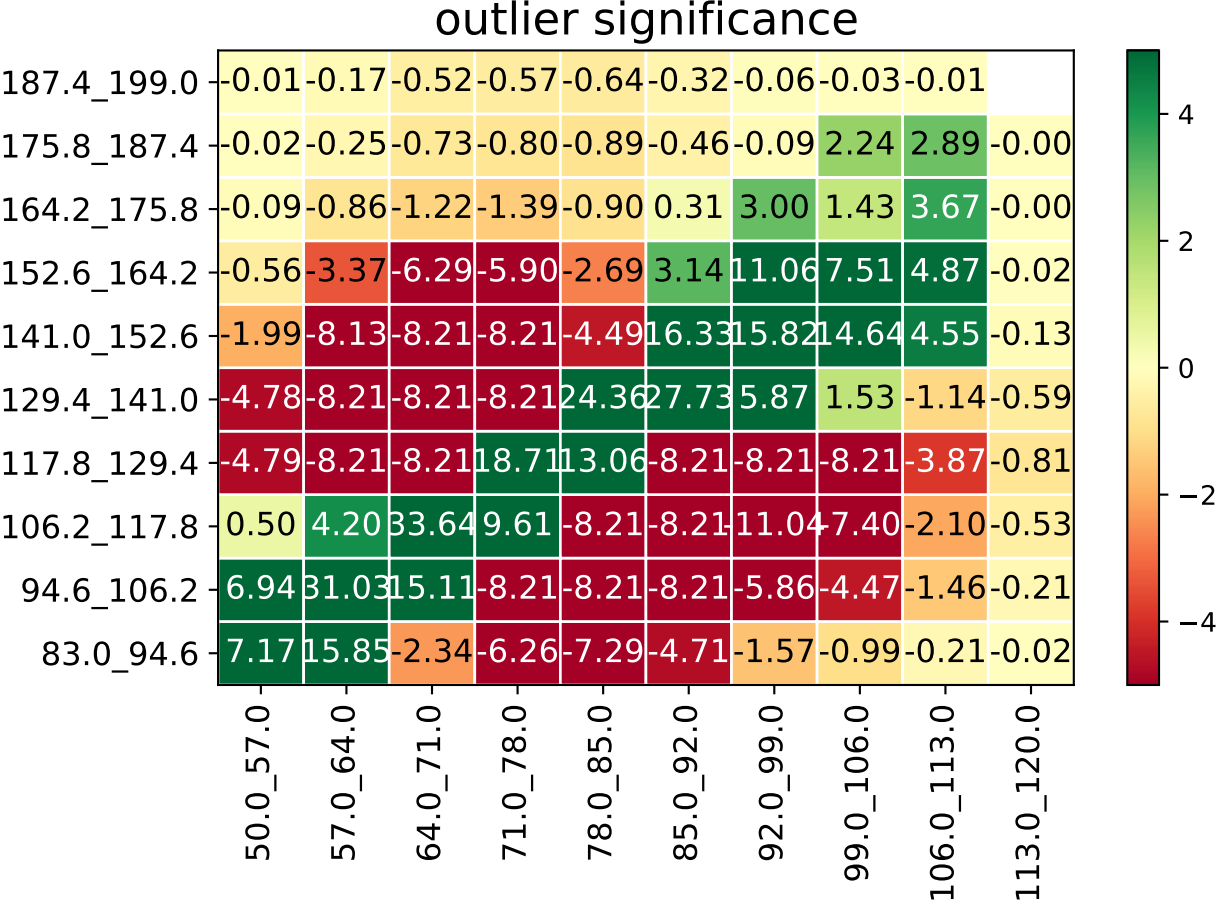
−4


outlier significance
-8.21
30.32
91.42
-8.21
2
1
hearing_left
1
2
hearing_right
4
2
0
−2
−4


outlier significance
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175.8_187.4 -0.02 -0.25 -0.73 -0.80 -0.89 -0.46 -0.09 2.24 2.89 -0.00
164.2_175.8 -0.09 -0.86 -1.22 -1.39 -0.90 0.31 3.00 1.43 3.67 -0.00
152.6_164.2 -0.56 -3.37 -6.29 -5.90 -2.69 3.14 11.06 7.51 4.87 -0.02
141.0_152.6 -1.99 -8.13 -8.21 -8.21 -4.49 16.33 15.82 14.64 4.55 -0.13
129.4_141.0 -4.78 -8.21 -8.21 -8.21 24.36 27.73 5.87 1.53 -1.14 -0.59
117.8_129.4 -4.79 -8.21 -8.21 18.71 13.06 -8.21 -8.21 -8.21 -3.87 -0.81
106.2_117.8 0.50 4.20 33.64 9.61 -8.21 -8.21 -11.04 -7.40 -2.10 -0.53
94.6_106.2 6.94 31.03 15.11 -8.21 -8.21 -8.21 -5.86 -4.47 -1.46 -0.21
83.0_94.6 7.17 15.85 -2.34 -6.26 -7.29 -4.71 -1.57 -0.99 -0.21 -0.02
50.0_57.0
57.0_64.0
64.0_71.0
71.0_78.0
78.0_85.0
85.0_92.0
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99.0_106.0
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113.0_120.0
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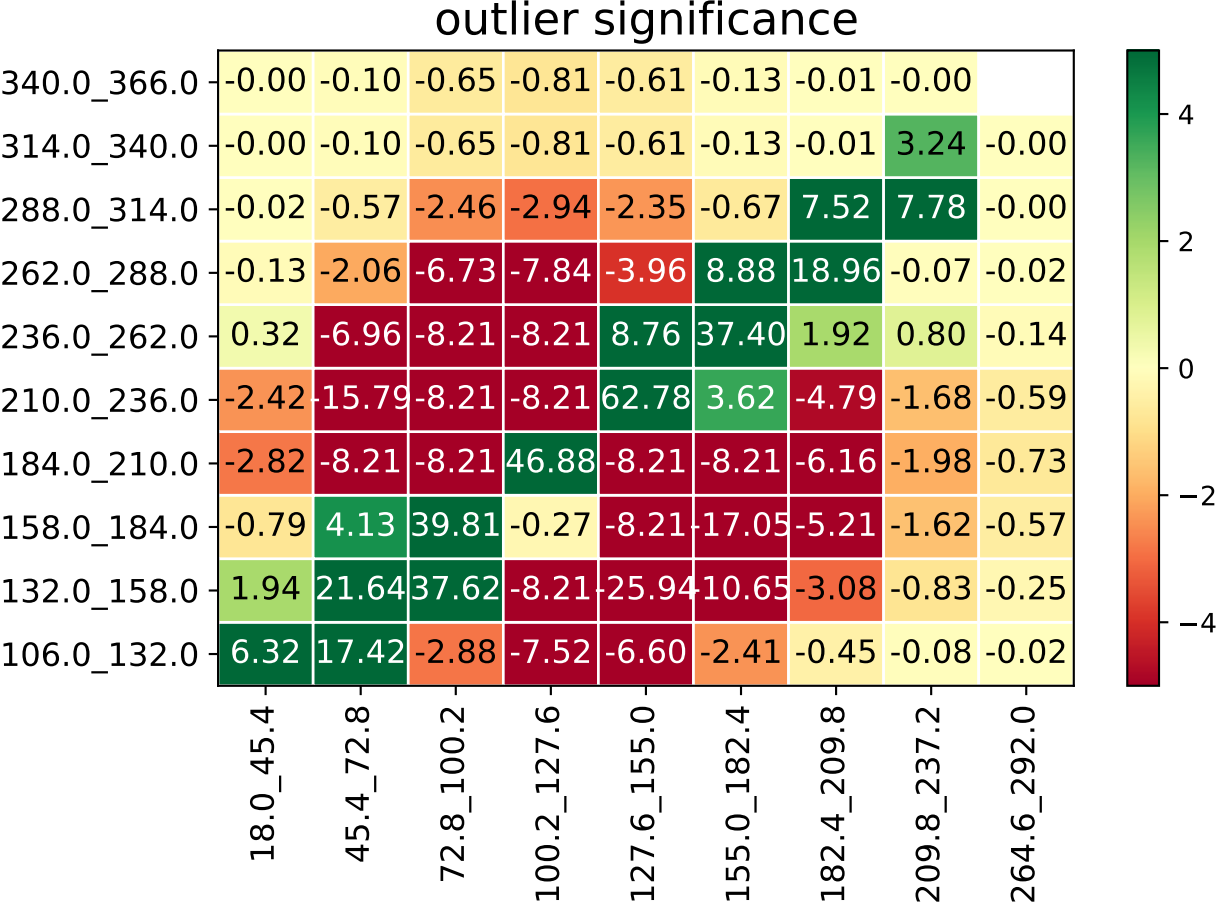
−4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314.0_340.0 -0.00 -0.10 -0.65 -0.81 -0.61 -0.13 -0.01 3.24 -0.00
288.0_314.0 -0.02 -0.57 -2.46 -2.94 -2.35 -0.67 7.52 7.78 -0.00
262.0_288.0 -0.13 -2.06 -6.73 -7.84 -3.96 8.88 18.96 -0.07 -0.02
236.0_262.0 0.32 -6.96 -8.21 -8.21 8.76 37.40 1.92 0.80 -0.14
210.0_236.0 -2.42 -15.79 -8.21 -8.21 62.78 3.62 -4.79 -1.68 -0.59
184.0_210.0 -2.82 -8.21 -8.21 46.88 -8.21 -8.21 -6.16 -1.98 -0.73
158.0_184.0 -0.79 4.13 39.81 -0.27 -8.21 -17.05 -5.21 -1.62 -0.57
132.0_158.0 1.94 21.64 37.62 -8.21 -25.94 10.65 -3.08 -0.83 -0.25
106.0_132.0 6.32 17.42 -2.88 -7.52 -6.60 -2.41 -0.45 -0.08 -0.02
18.0_45.4
45.4_72.8
72.8_100.2
100.2_127.6
127.6_155.0
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209.8_237.2
264.6_292.0
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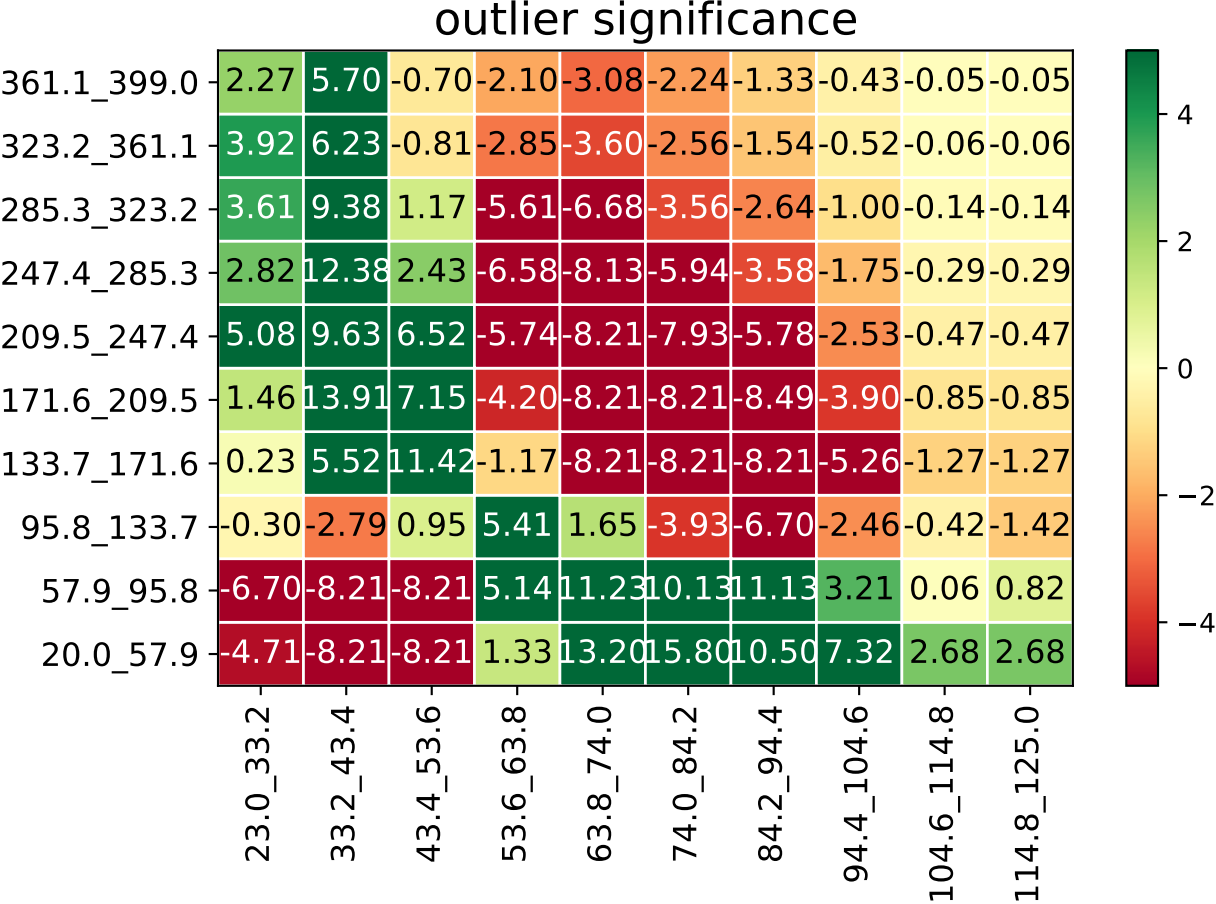
outlier significance
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323.2_361.1 3.92 6.23 -0.81 -2.85 -3.60 -2.56 -1.54 -0.52 -0.06 -0.06
285.3_323.2 3.61 9.38 1.17 -5.61 -6.68 -3.56 -2.64 -1.00 -0.14 -0.14
247.4_285.3 2.82 12.38 2.43 -6.58 -8.13 -5.94 -3.58 -1.75 -0.29 -0.29
209.5_247.4 5.08 9.63 6.52 -5.74 -8.21 -7.93 -5.78 -2.53 -0.47 -0.47
171.6_209.5 1.46 13.91 7.15 -4.20 -8.21 -8.21 -8.49 -3.90 -0.85 -0.85
133.7_171.6 0.23 5.52 11.42 -1.17 -8.21 -8.21 -8.21 -5.26 -1.27 -1.27
95.8_133.7 -0.30 -2.79 0.95 5.41 1.65 -3.93 -6.70 -2.46 -0.42 -1.42
57.9_95.8 -6.70 -8.21 -8.21 5.14 11.23 10.13 11.13 3.21 0.06 0.82
20.0_57.9 -4.71 -8.21 -8.21 1.33 13.20 15.80 10.50 7.32 2.68 2.68
23.0_33.2
33.2_43.4
43.4_53.6
53.6_63.8
63.8_74.0
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94.4_104.6
104.6_114.8
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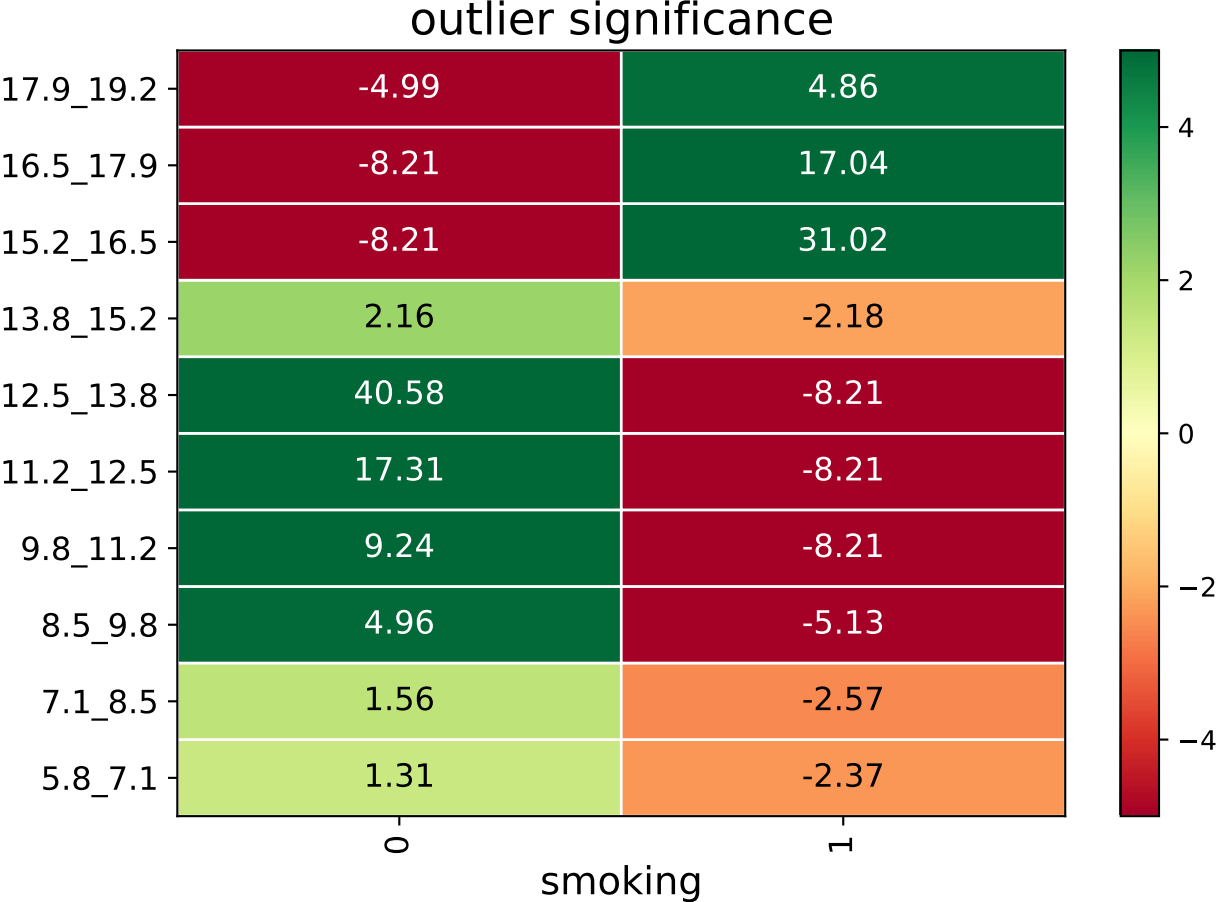
−4


outlier significance
17.9_19.2
16.5_17.9
15.2_16.5
13.8_15.2
12.5_13.8
11.2_12.5
9.8_11.2
8.5_9.8
7.1_8.5
5.8_7.1
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4.86
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17.04
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31.02
2.16
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40.58
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17.31
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9.24
-8.21
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1.56
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1.31
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1
smoking
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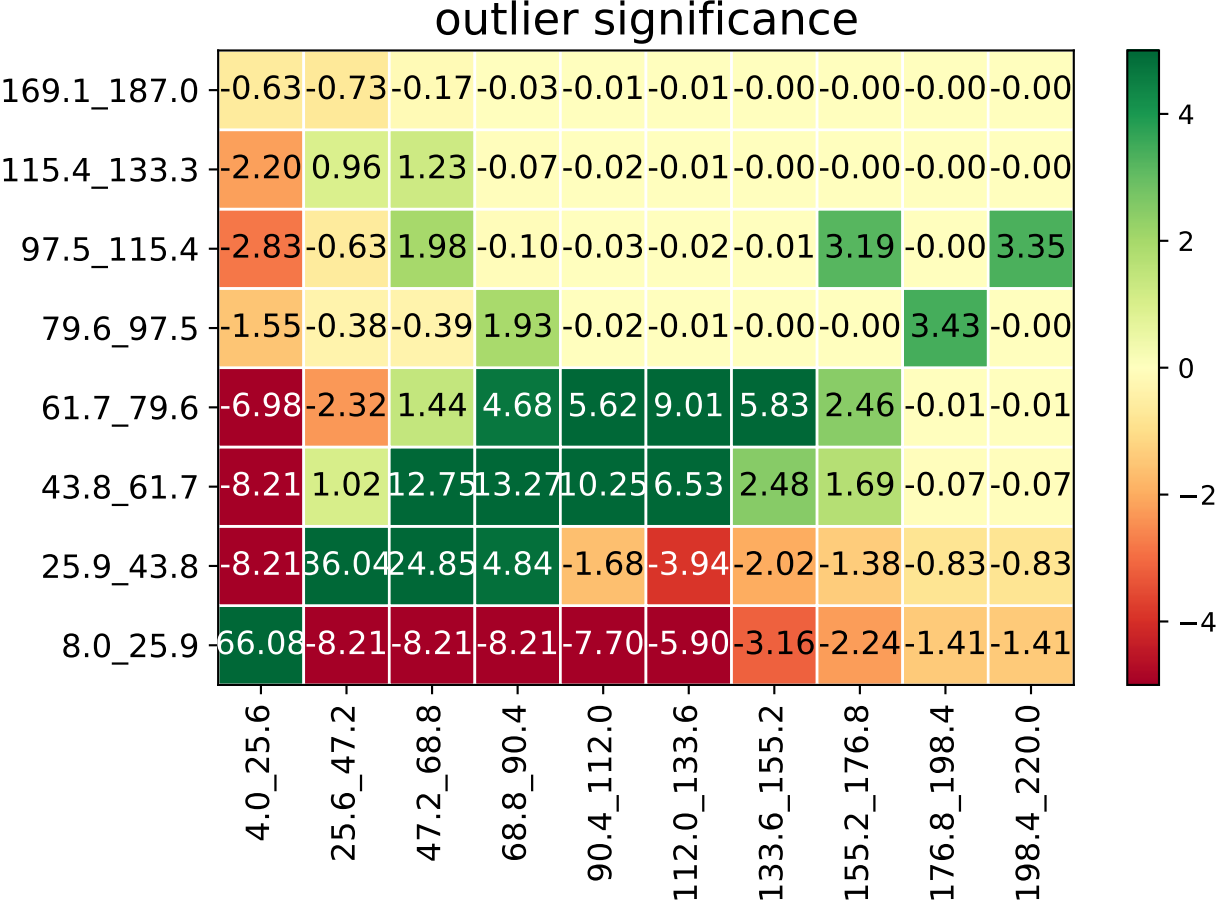
outlier significance
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115.4_133.3 -2.20 0.96 1.23 -0.07 -0.02 -0.01 -0.00 -0.00 -0.00 -0.00
97.5_115.4 -2.83 -0.63 1.98 -0.10 -0.03 -0.02 -0.01 3.19 -0.00 3.35
79.6_97.5 -1.55 -0.38 -0.39 1.93 -0.02 -0.01 -0.00 -0.00 3.43 -0.00
61.7_79.6 -6.98 -2.32 1.44 4.68 5.62 9.01 5.83 2.46 -0.01 -0.01
43.8_61.7 -8.21 1.02 12.75 13.27 10.25 6.53 2.48 1.69 -0.07 -0.07
25.9_43.8 -8.21 36.04 24.85 4.84 -1.68 -3.94 -2.02 -1.38 -0.83 -0.83
8.0_25.9 66.08 -8.21 -8.21 -8.21 -7.70 -5.90 -3.16 -2.24 -1.41 -1.41
4.0_25.6
25.6_47.2
47.2_68.8
68.8_90.4
90.4_112.0
112.0_133.6
133.6_155.2
155.2_176.8
176.8_198.4
198.4_220.0
4
2
0
−2
−4