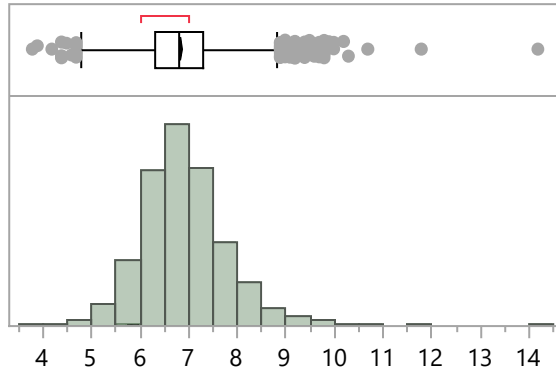
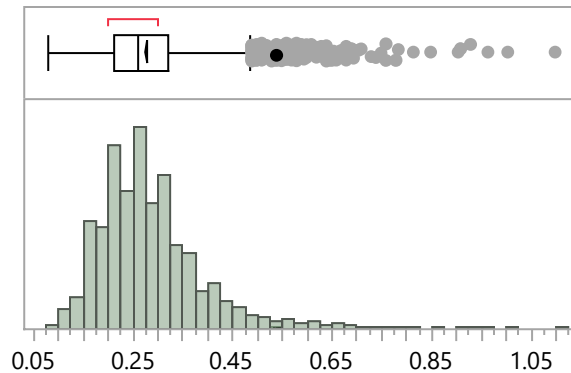


**Distributions****fixed acidity****Quantiles**

100.0%	maximum	14.2
99.5%		9.6505
97.5%		8.8
90.0%		7.9
75.0%	quartile	7.3
50.0%	median	6.8
25.0%	quartile	6.3
10.0%		5.9
2.5%		5.3
0.5%		4.9
0.0%	minimum	3.8

**Summary Statistics**

Mean	6.8547877
Std Dev	0.8438682
Std Err Mean	0.0120577
Upper 95% Mean	6.8784262
Lower 95% Mean	6.8311491
N	4898

**volatile acidity****Quantiles**

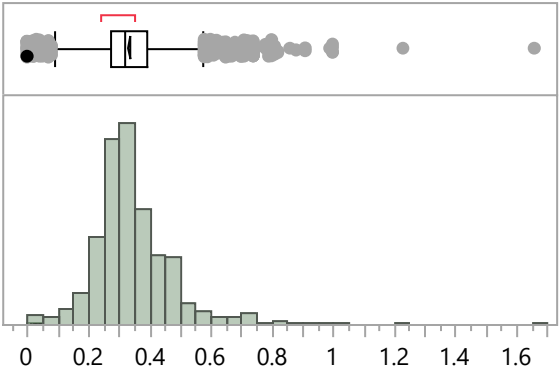
100.0%	maximum	1.1
99.5%		0.682525
97.5%		0.54
90.0%		0.4
75.0%	quartile	0.32
50.0%	median	0.26
25.0%	quartile	0.21
10.0%		0.17
2.5%		0.14
0.5%		0.11
0.0%	minimum	0.08

**Summary Statistics**

Mean	0.2782411
Std Dev	0.1007945
Std Err Mean	0.0014402
Upper 95% Mean	0.2810646
Lower 95% Mean	0.2754176
N	4898

Distributions

citric acid



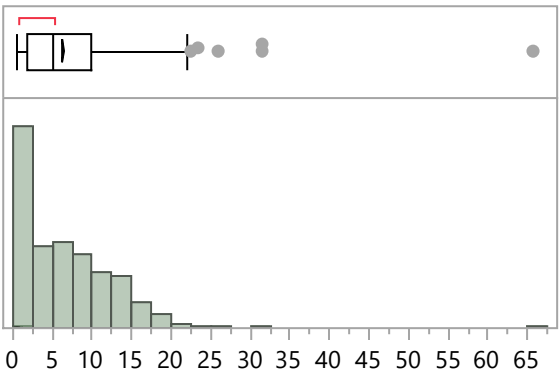
Quantiles

100.0%	maximum	1.66
99.5%		0.74
97.5%		0.64
90.0%		0.49
75.0%	quartile	0.39
50.0%	median	0.32
25.0%	quartile	0.27
10.0%		0.22
2.5%		0.13
0.5%		0.01
0.0%	minimum	0

Summary Statistics

Mean	0.3341915
Std Dev	0.1210198
Std Err Mean	0.0017292
Upper 95% Mean	0.3375815
Lower 95% Mean	0.3308015
N	4898

residual sugar

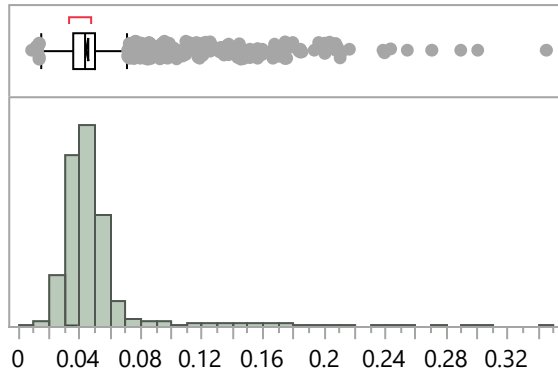


Quantiles

100.0%	maximum	65.8
99.5%		19.8
97.5%		17.5
90.0%		14
75.0%	quartile	9.9
50.0%	median	5.2
25.0%	quartile	1.7
10.0%		1.2
2.5%		1
0.5%		0.8
0.0%	minimum	0.6

Summary Statistics

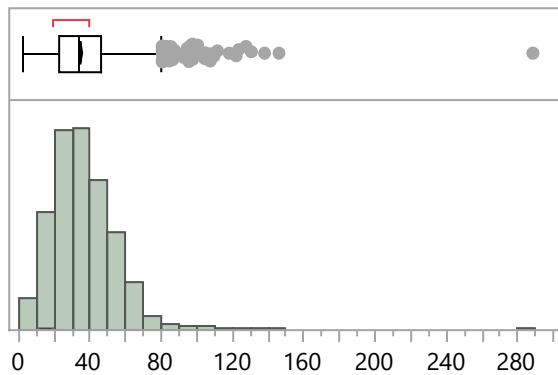
Mean	6.3914149
Std Dev	5.0720578
Std Err Mean	0.0724728
Upper 95% Mean	6.533494
Lower 95% Mean	6.2493357
N	4898

**Distributions****chlorides****Quantiles**

100.0%	maximum	0.346
99.5%		0.184505
97.5%		0.095
90.0%		0.058
75.0%	quartile	0.05
50.0%	median	0.043
25.0%	quartile	0.036
10.0%		0.03
2.5%		0.024
0.5%		0.018
0.0%	minimum	0.009

**Summary Statistics**

Mean	0.0457724
Std Dev	0.021848
Std Err Mean	0.0003122
Upper 95% Mean	0.0463844
Lower 95% Mean	0.0451603
N	4898

**free sulfur dioxide****Quantiles**

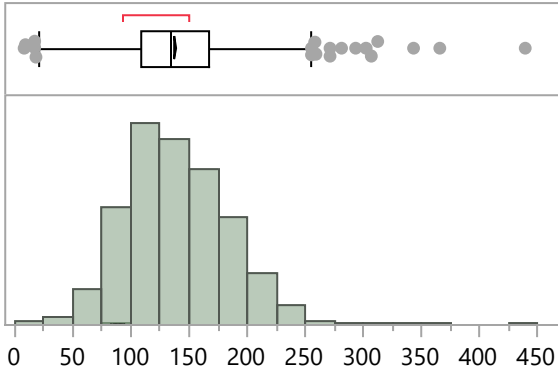
100.0%	maximum	289
99.5%		95.505
97.5%		69
90.0%		57
75.0%	quartile	46
50.0%	median	34
25.0%	quartile	23
10.0%		15
2.5%		8
0.5%		5
0.0%	minimum	2

**Summary Statistics**

Mean	35.308085
Std Dev	17.007137
Std Err Mean	0.2430087
Upper 95% Mean	35.784491
Lower 95% Mean	34.831679
N	4898

Distributions

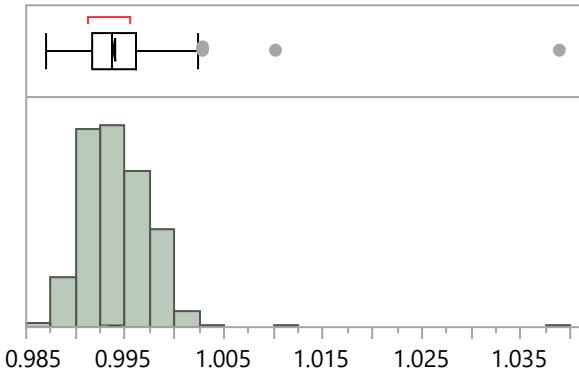
total sulfur dioxide



Quantiles		
100.0%	maximum	440
99.5%		250.2575
97.5%		225.525
90.0%		195
75.0%	quartile	167
50.0%	median	134
25.0%	quartile	108
10.0%		87
2.5%		65
0.5%		37
0.0%	minimum	9

Summary Statistics	
Mean	138.36066
Std Dev	42.498065
Std Err Mean	0.6072391
Upper 95% Mean	139.55112
Lower 95% Mean	137.1702
N	4898

density

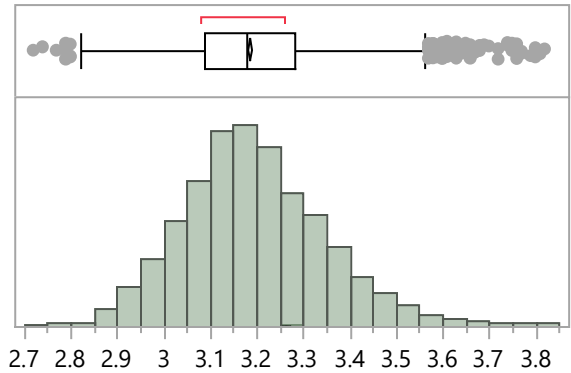


Quantiles		
100.0%	maximum	1.03898
99.5%		1.0007505
97.5%		0.999781
90.0%		0.99815
75.0%	quartile	0.9961
50.0%	median	0.99374
25.0%	quartile	0.99172
10.0%		0.99032
2.5%		0.98926
0.5%		0.98842475
0.0%	minimum	0.98711

Summary Statistics	
Mean	0.9940274
Std Dev	0.0029909
Std Err Mean	4.2736e-5
Upper 95% Mean	0.9941112
Lower 95% Mean	0.9939436
N	4898

Distributions

pH



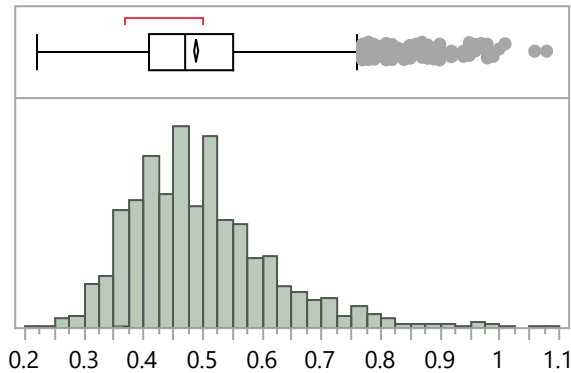
Quantiles

100.0%	maximum	3.82
99.5%		3.66
97.5%		3.52
90.0%		3.38
75.0%	quartile	3.28
50.0%	median	3.18
25.0%	quartile	3.09
10.0%		3
2.5%		2.92
0.5%		2.85495
0.0%	minimum	2.72

Summary Statistics

Mean	3.1882666
Std Dev	0.1510006
Std Err Mean	0.0021576
Upper 95% Mean	3.1924965
Lower 95% Mean	3.1840368
N	4898

sulphates

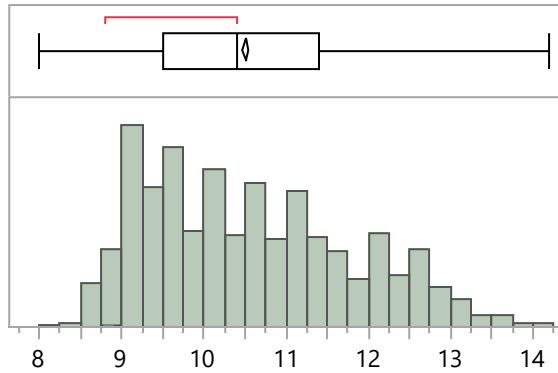


Quantiles

100.0%	maximum	1.08
99.5%		0.9101
97.5%		0.77
90.0%		0.64
75.0%	quartile	0.55
50.0%	median	0.47
25.0%	quartile	0.41
10.0%		0.36
2.5%		0.32
0.5%		0.28
0.0%	minimum	0.22

Summary Statistics

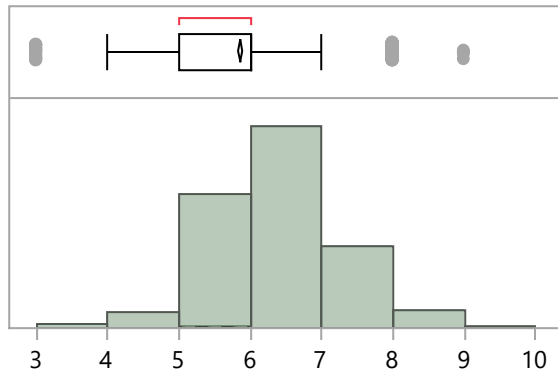
Mean	0.4898469
Std Dev	0.1141258
Std Err Mean	0.0016307
Upper 95% Mean	0.4930438
Lower 95% Mean	0.48665
N	4898

**Distributions****alcohol****Quantiles**

100.0%	maximum	14.2
99.5%		13.6
97.5%		13
90.0%		12.4
75.0%	quartile	11.4
50.0%	median	10.4
25.0%	quartile	9.5
10.0%		9
2.5%		8.8
0.5%		8.6
0.0%	minimum	8

**Summary Statistics**

Mean	10.514267
Std Dev	1.2306206
Std Err Mean	0.0175839
Upper 95% Mean	10.548739
Lower 95% Mean	10.479795
N	4898

**quality****Quantiles**

100.0%	maximum	9
99.5%		8
97.5%		8
90.0%		7
75.0%	quartile	6
50.0%	median	6
25.0%	quartile	5
10.0%		5
2.5%		4
0.5%		4
0.0%	minimum	3

**Summary Statistics**

Mean	5.8779094
Std Dev	0.8856386
Std Err Mean	0.0126546
Upper 95% Mean	5.902718
Lower 95% Mean	5.8531007
N	4898