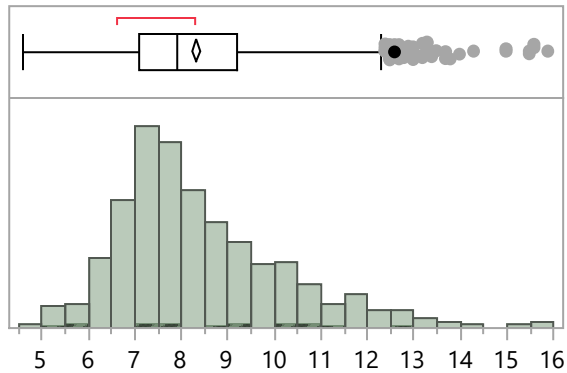
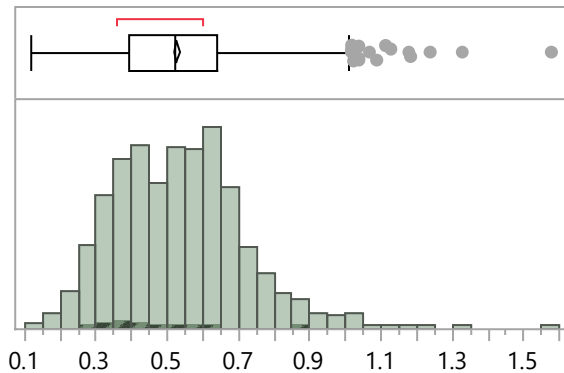


**Distributions****fixed acidity****Quantiles**

100.0%	maximum	15.9
99.5%		14.3
97.5%		12.5
90.0%		10.7
75.0%	quartile	9.2
50.0%	median	7.9
25.0%	quartile	7.1
10.0%		6.5
2.5%		5.6
0.5%		5
0.0%	minimum	4.6

**Summary Statistics**

Mean	8.3196373
Std Dev	1.7410963
Std Err Mean	0.043541
Upper 95% Mean	8.4050408
Lower 95% Mean	8.2342338
N	1599

**volatile acidity****Quantiles**

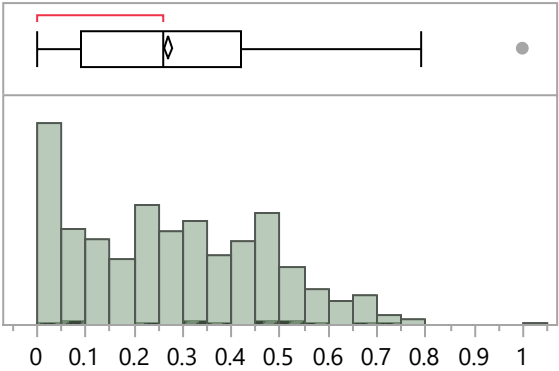
100.0%	maximum	1.58
99.5%		1.115
97.5%		0.915
90.0%		0.745
75.0%	quartile	0.64
50.0%	median	0.52
25.0%	quartile	0.39
10.0%		0.31
2.5%		0.24
0.5%		0.18
0.0%	minimum	0.12

**Summary Statistics**

Mean	0.5278205
Std Dev	0.1790597
Std Err Mean	0.0044779
Upper 95% Mean	0.5366037
Lower 95% Mean	0.5190374
N	1599

Distributions

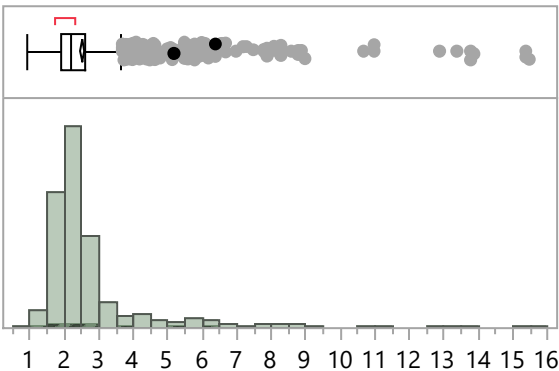
citric acid



Quantiles		
100.0%	maximum	1
99.5%		0.74
97.5%		0.66
90.0%		0.53
75.0%	quartile	0.42
50.0%	median	0.26
25.0%	quartile	0.09
10.0%		0.01
2.5%		0
0.5%		0
0.0%	minimum	0

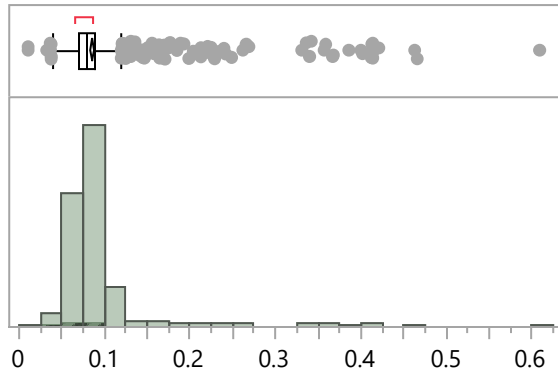
Summary Statistics	
Mean	0.2709756
Std Dev	0.1948011
Std Err Mean	0.0048716
Upper 95% Mean	0.2805309
Lower 95% Mean	0.2614203
N	1599

residual sugar



Quantiles		
100.0%	maximum	15.5
99.5%		12.9
97.5%		6.3
90.0%		3.6
75.0%	quartile	2.6
50.0%	median	2.2
25.0%	quartile	1.9
10.0%		1.7
2.5%		1.4
0.5%		1.2
0.0%	minimum	0.9

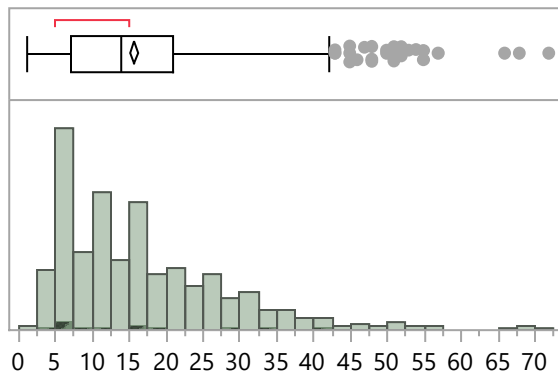
Summary Statistics	
Mean	2.5388055
Std Dev	1.4099281
Std Err Mean	0.0352592
Upper 95% Mean	2.6079647
Lower 95% Mean	2.4696463
N	1599

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

100.0%	maximum	0.611
99.5%		0.415
97.5%		0.205
90.0%		0.109
75.0%	quartile	0.09
50.0%	median	0.079
25.0%	quartile	0.07
10.0%		0.06
2.5%		0.048
0.5%		0.039
0.0%	minimum	0.012

**Summary Statistics**

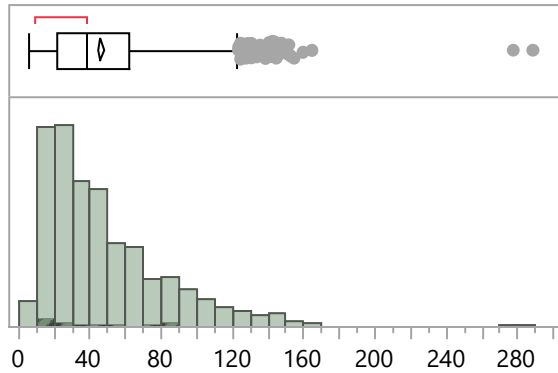
Mean	0.0874665
Std Dev	0.0470653
Std Err Mean	0.001177
Upper 95% Mean	0.0897752
Lower 95% Mean	0.0851579
N	1599

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

100.0%	maximum	72
99.5%		54
97.5%		41
90.0%		31
75.0%	quartile	21
50.0%	median	14
25.0%	quartile	7
10.0%		5
2.5%		3
0.5%		3
0.0%	minimum	1

**Summary Statistics**

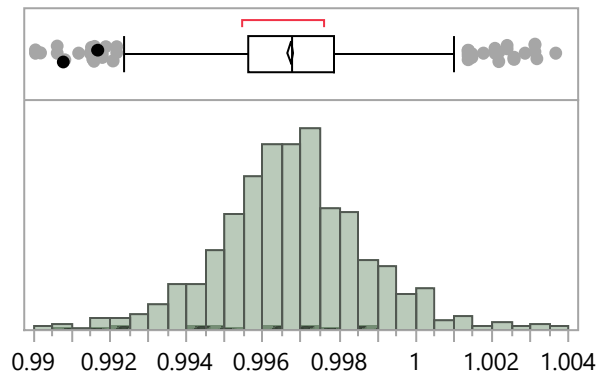
Mean	15.874922
Std Dev	10.460157
Std Err Mean	0.2615857
Upper 95% Mean	16.388009
Lower 95% Mean	15.361835
N	1599

**Distributions****total sulfur dioxide****Quantiles**

100.0%	maximum	289
99.5%		151
97.5%		131
90.0%		94
75.0%	quartile	62
50.0%	median	38
25.0%	quartile	22
10.0%		14
2.5%		10
0.5%		8
0.0%	minimum	6

**Summary Statistics**

Mean	46.467792
Std Dev	32.895324
Std Err Mean	0.8226402
Upper 95% Mean	48.08136
Lower 95% Mean	44.854225
N	1599

**density****Quantiles**

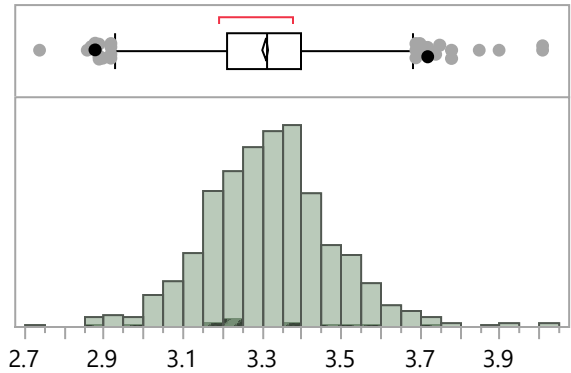
100.0%	maximum	1.00369
99.5%		1.0026
97.5%		1.0004
90.0%		0.99914
75.0%	quartile	0.99784
50.0%	median	0.99675
25.0%	quartile	0.9956
10.0%		0.99454
2.5%		0.99292
0.5%		0.9912
0.0%	minimum	0.99007

**Summary Statistics**

Mean	0.9967467
Std Dev	0.0018873
Std Err Mean	0.0000472
Upper 95% Mean	0.9968393
Lower 95% Mean	0.9966541
N	1599

Distributions

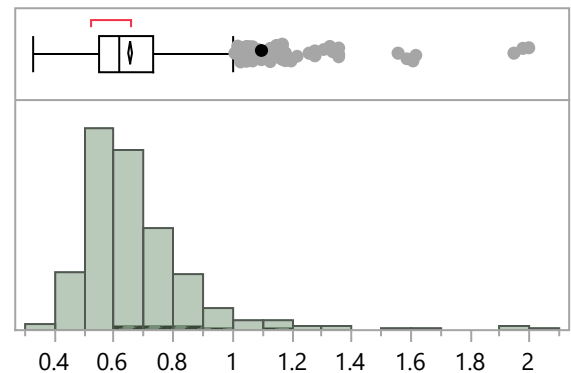
pH



Quantiles		
100.0%	maximum	4.01
99.5%		3.75
97.5%		3.62
90.0%		3.51
75.0%	quartile	3.4
50.0%	median	3.31
25.0%	quartile	3.21
10.0%		3.12
2.5%		3.01
0.5%		2.89
0.0%	minimum	2.74

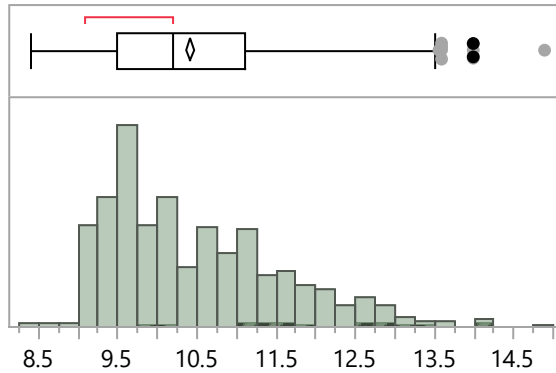
Summary Statistics	
Mean	3.3111132
Std Dev	0.1543865
Std Err Mean	0.0038609
Upper 95% Mean	3.3186861
Lower 95% Mean	3.3035403
N	1599

sulphates



Quantiles		
100.0%	maximum	2
99.5%		1.56
97.5%		1.08
90.0%		0.85
75.0%	quartile	0.73
50.0%	median	0.62
25.0%	quartile	0.55
10.0%		0.5
2.5%		0.44
0.5%		0.39
0.0%	minimum	0.33

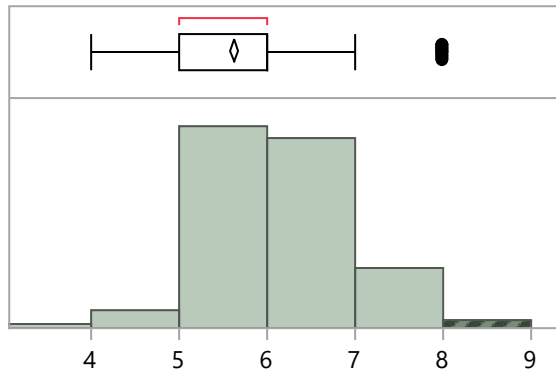
Summary Statistics	
Mean	0.6581488
Std Dev	0.169507
Std Err Mean	0.004239
Upper 95% Mean	0.6664634
Lower 95% Mean	0.6498343
N	1599

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

100.0%	maximum	14.9
99.5%		14
97.5%		12.8
90.0%		12
75.0%	quartile	11.1
50.0%	median	10.2
25.0%	quartile	9.5
10.0%		9.3
2.5%		9.1
0.5%		9
0.0%	minimum	8.4

**Summary Statistics**

Mean	10.422983
Std Dev	1.0656676
Std Err Mean	0.02665
Upper 95% Mean	10.475256
Lower 95% Mean	10.37071
N	1599

**quality****Quantiles**

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

**Summary Statistics**

Mean	5.6360225
Std Dev	0.8075694
Std Err Mean	0.0201955
Upper 95% Mean	5.6756351
Lower 95% Mean	5.59641
N	1599