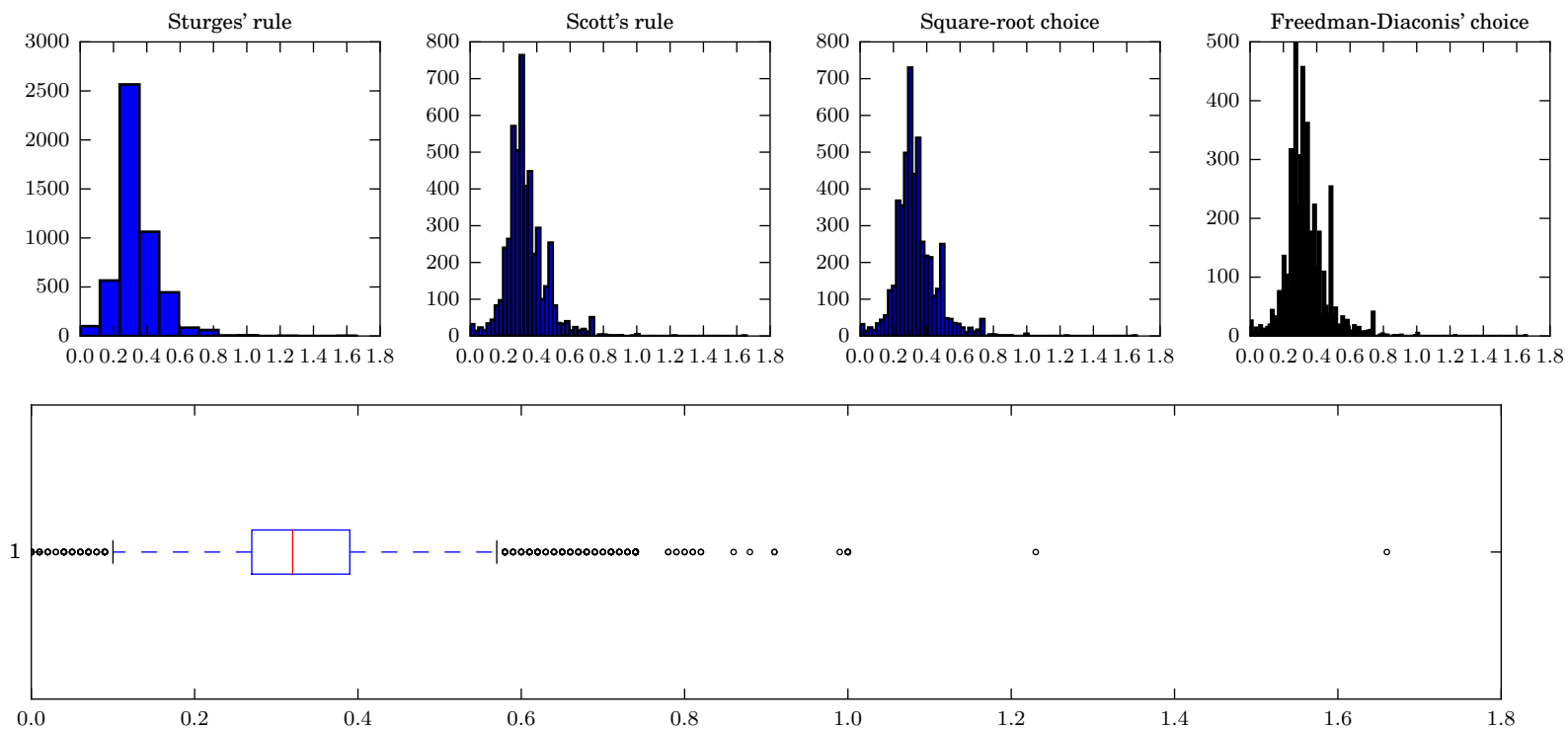
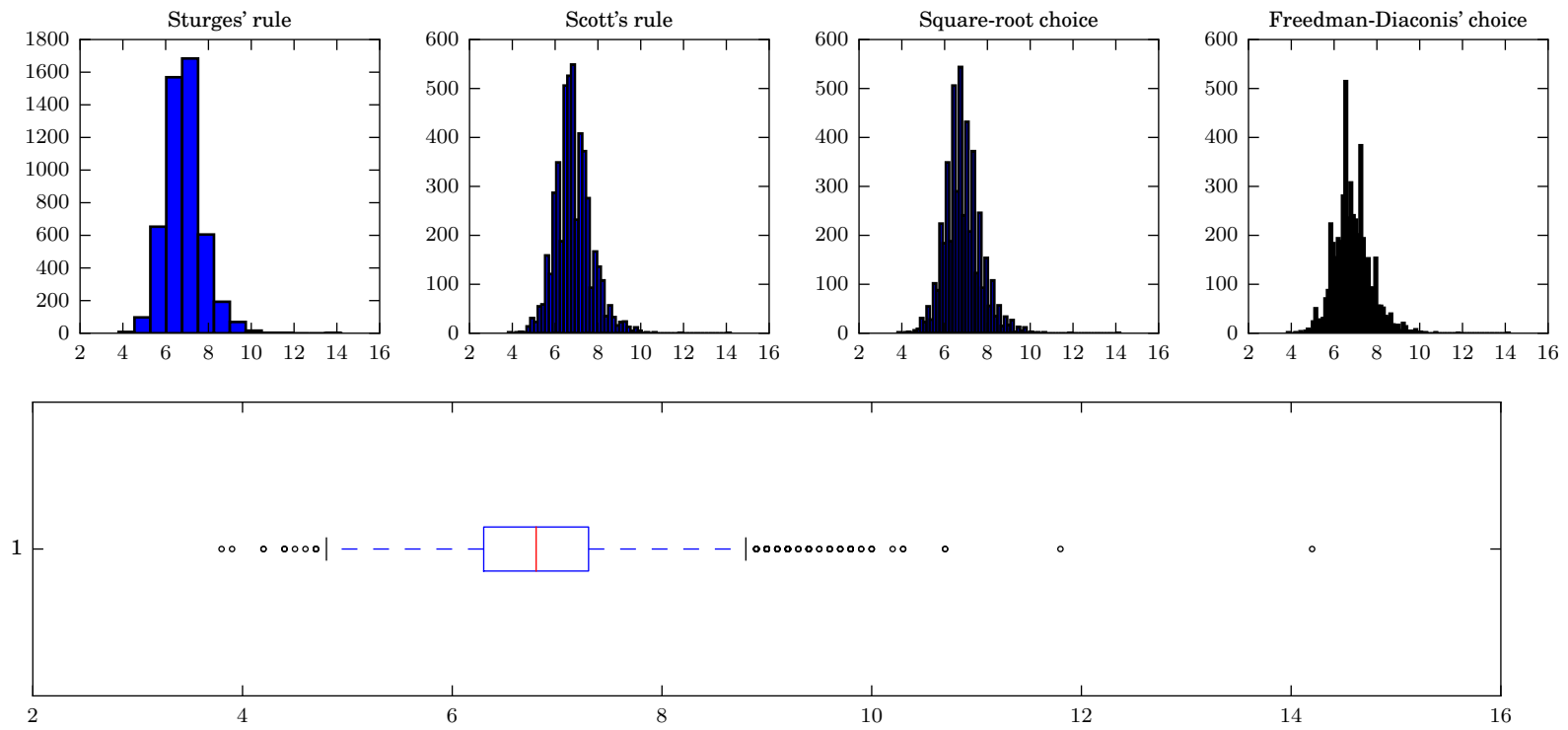


0.1 Plots of single attributes

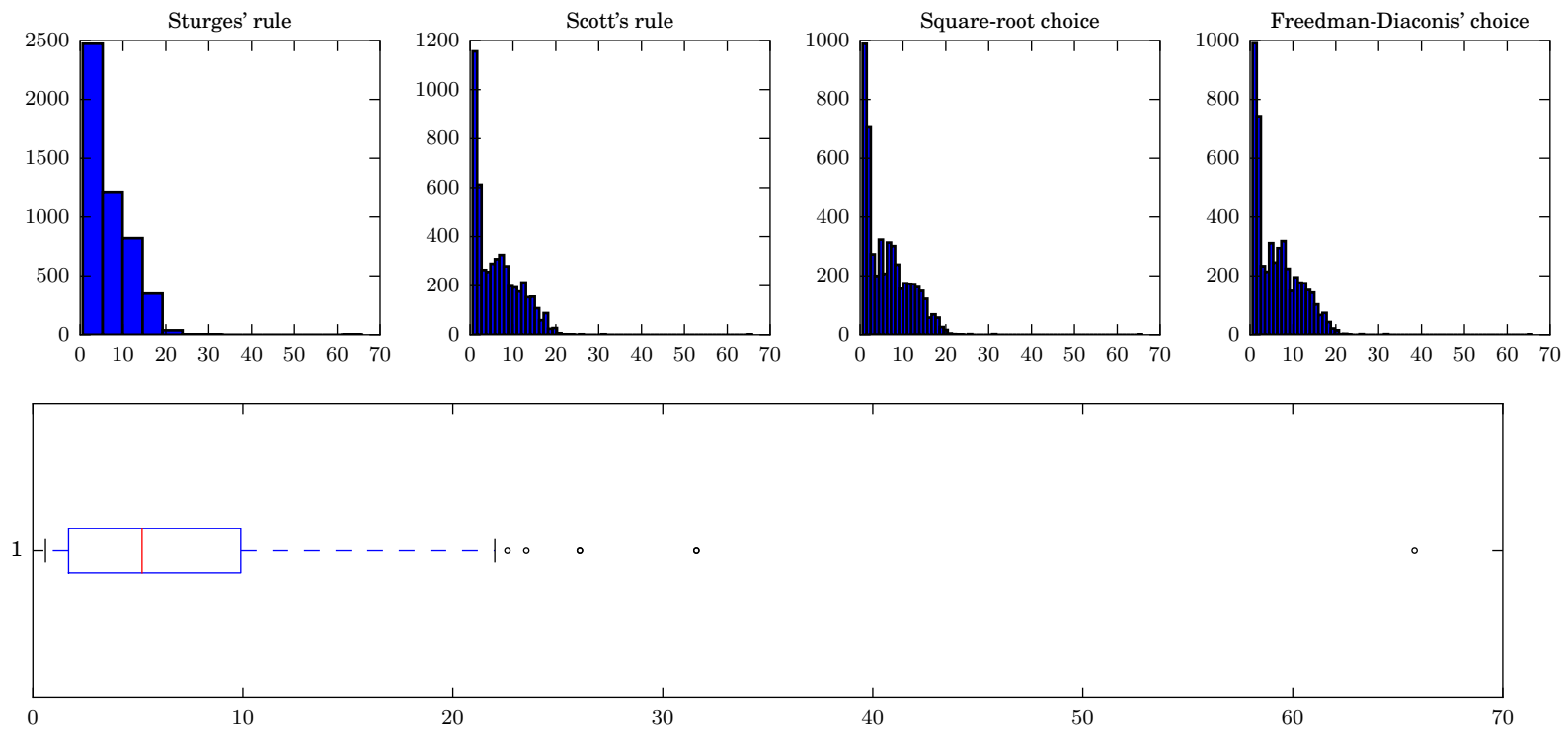
0.1.1 citric acid



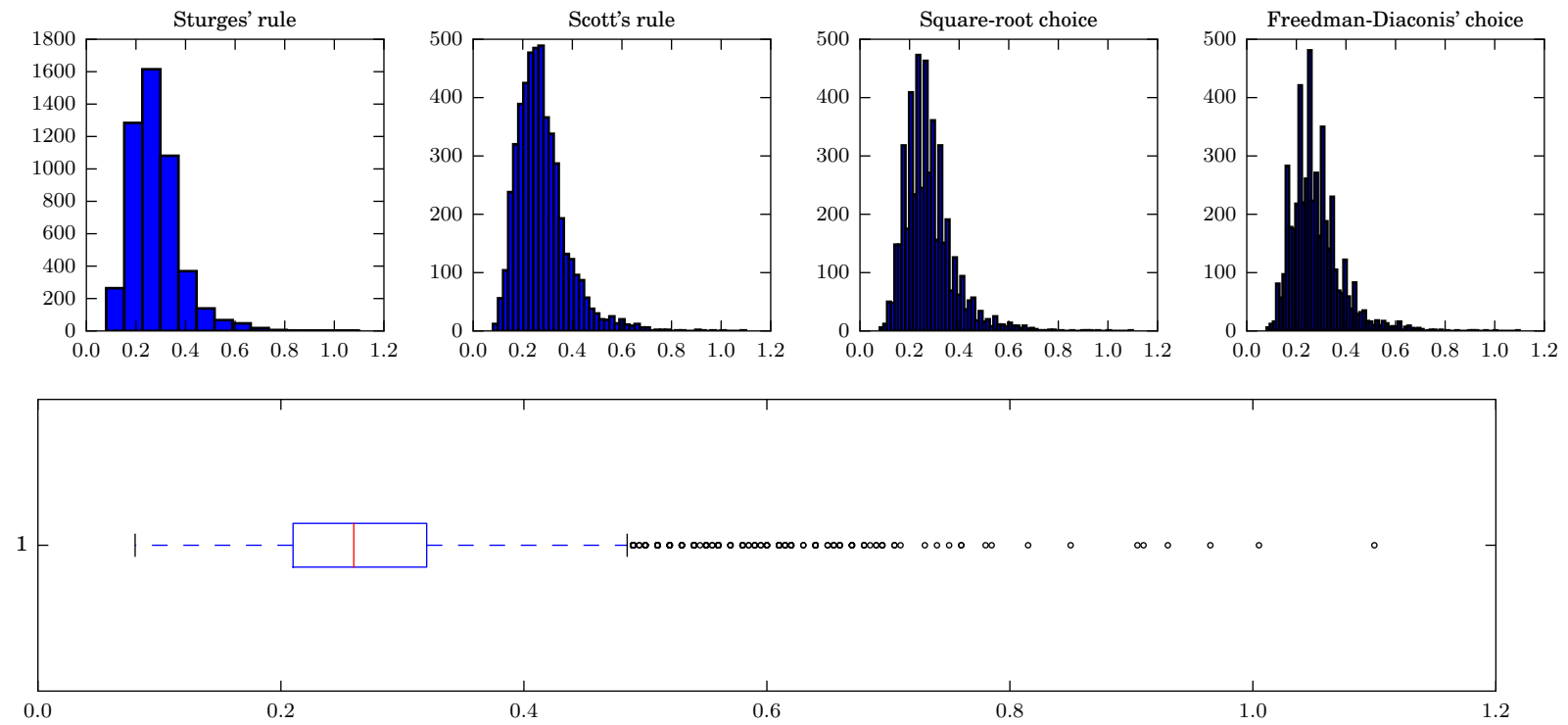
0.1.2 fixed acidity



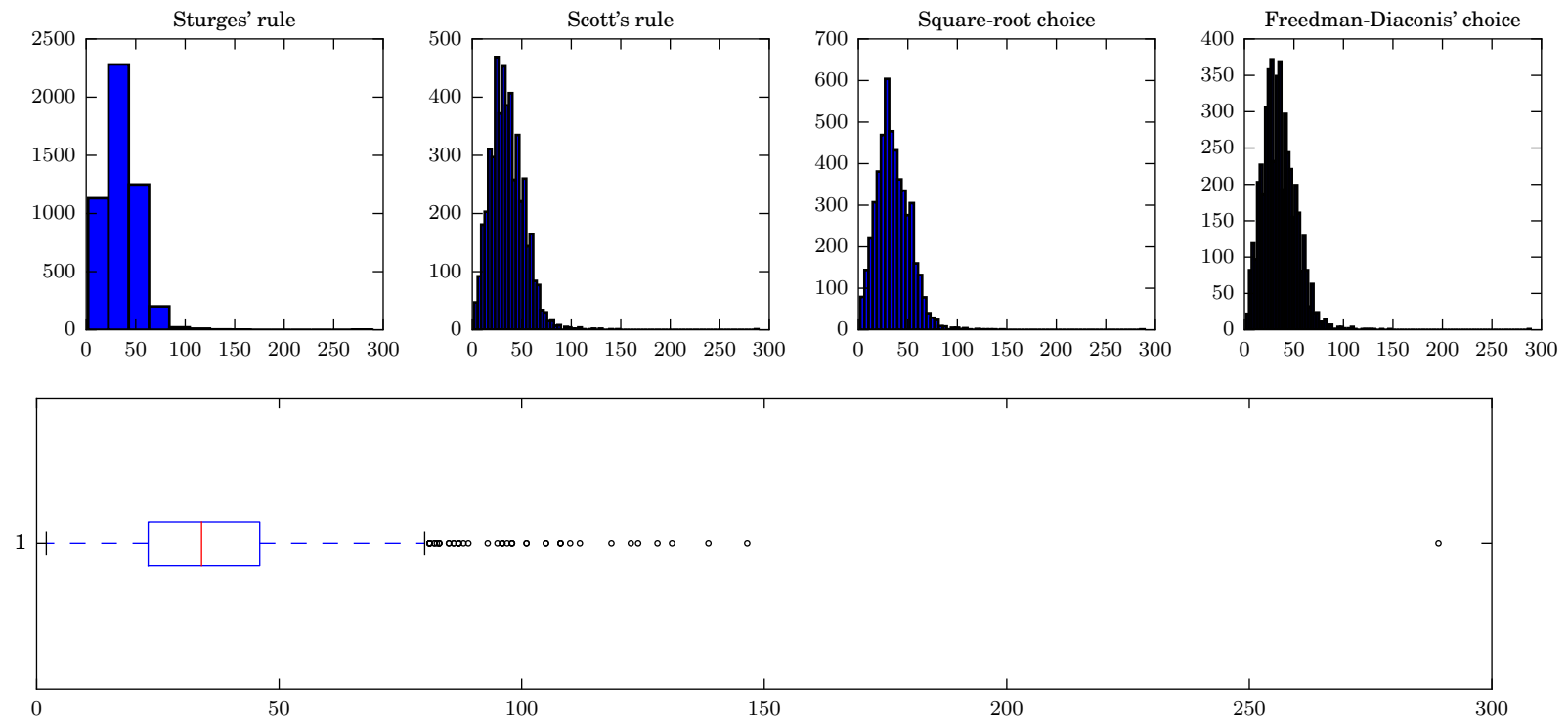
0.1.3 residual sugar



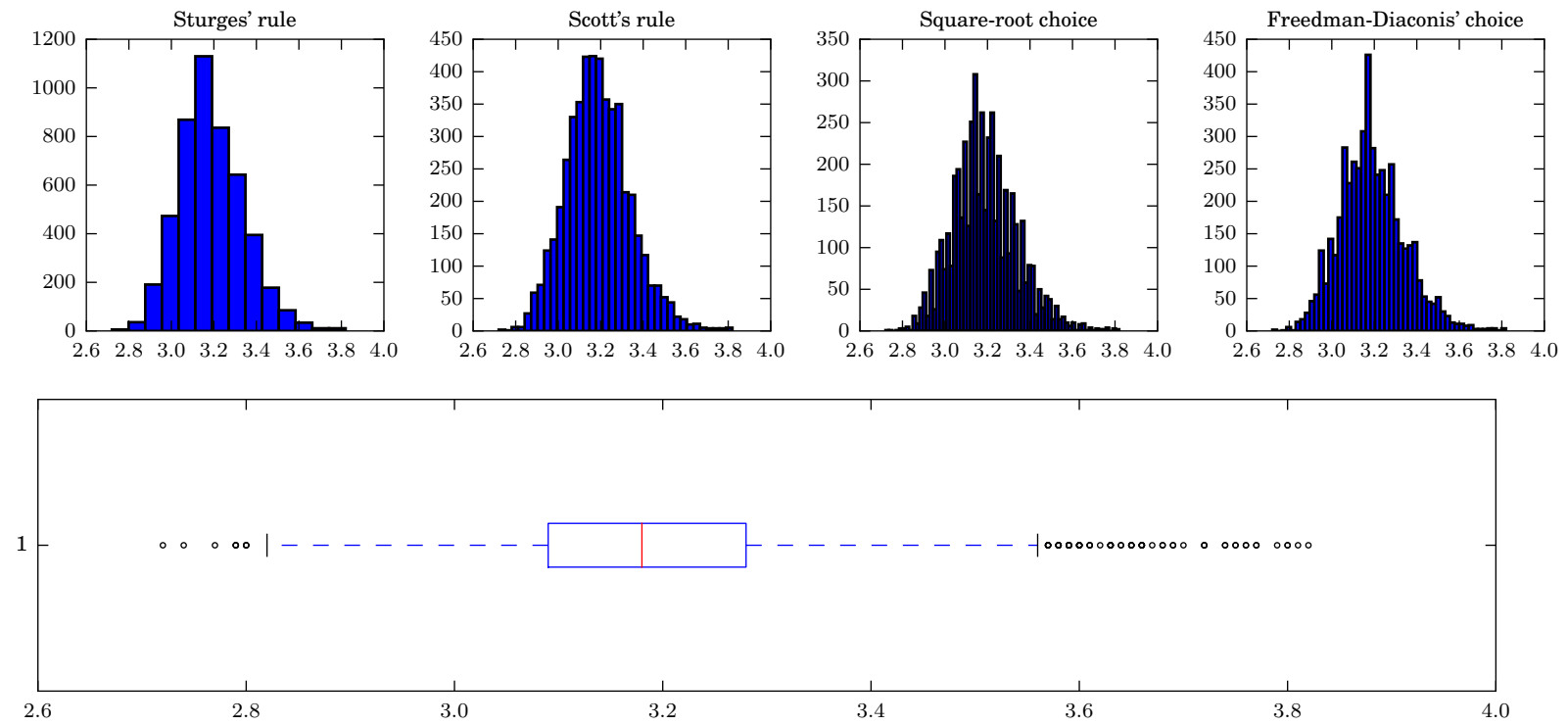
0.1.4 volatile acidity



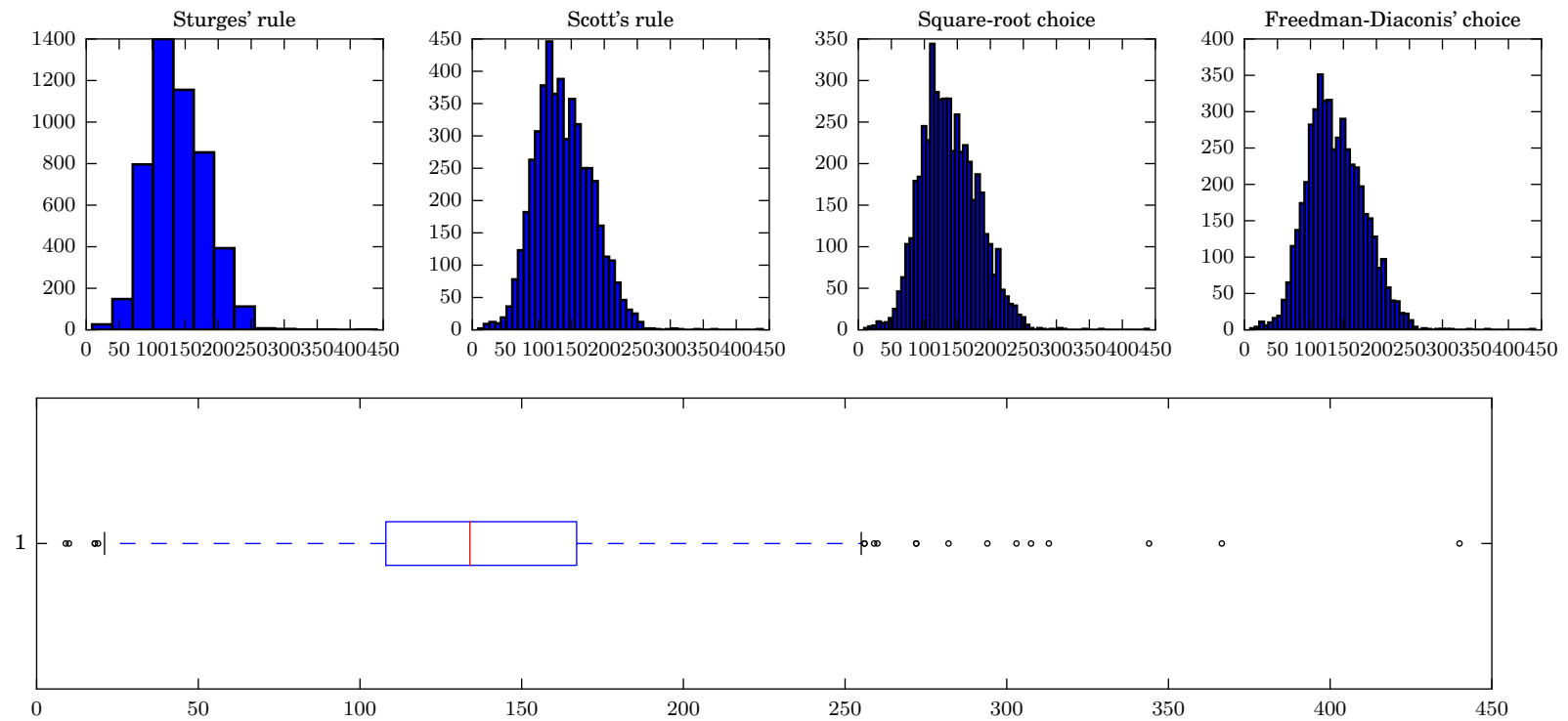
0.1.5 free sulfur dioxide



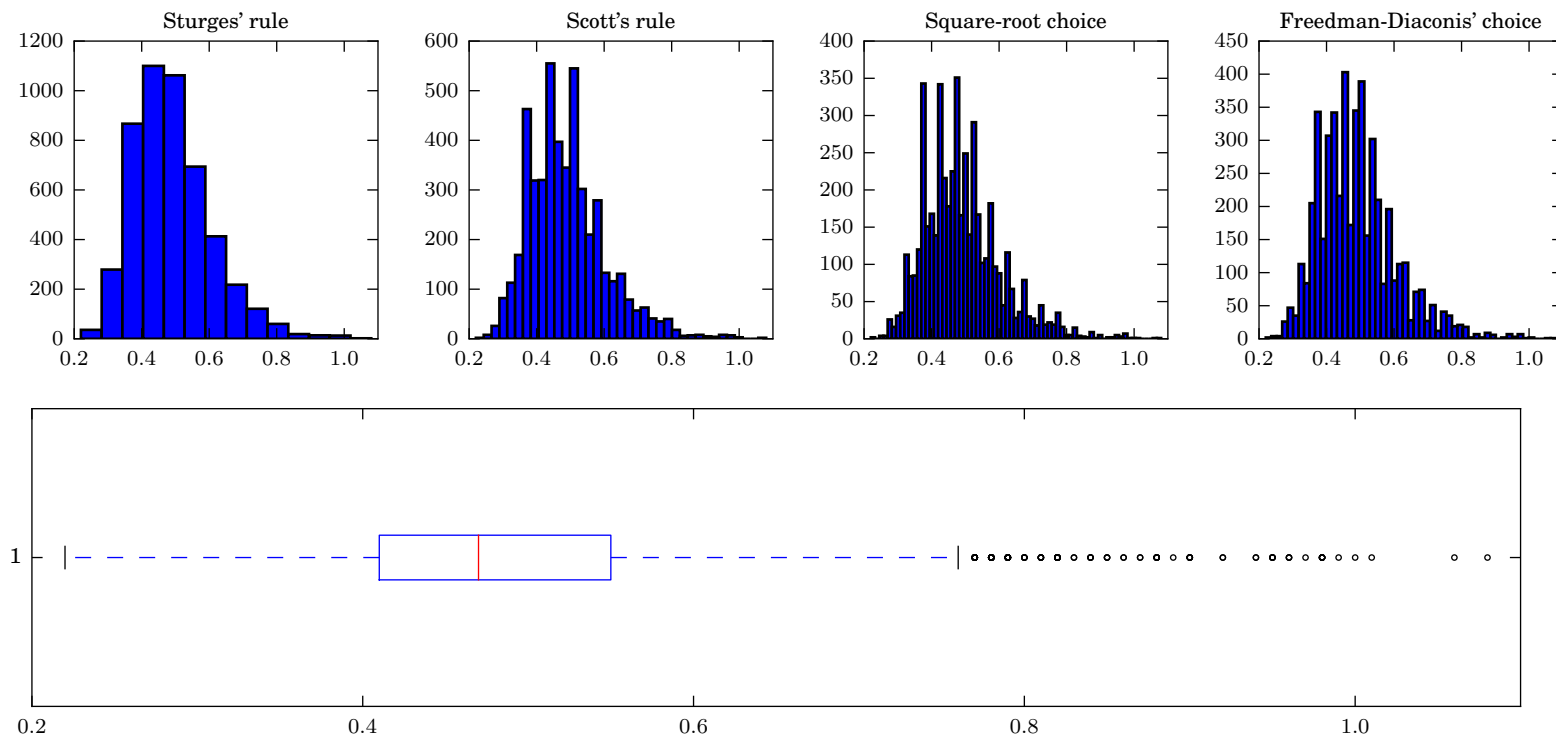
0.1.6 pH



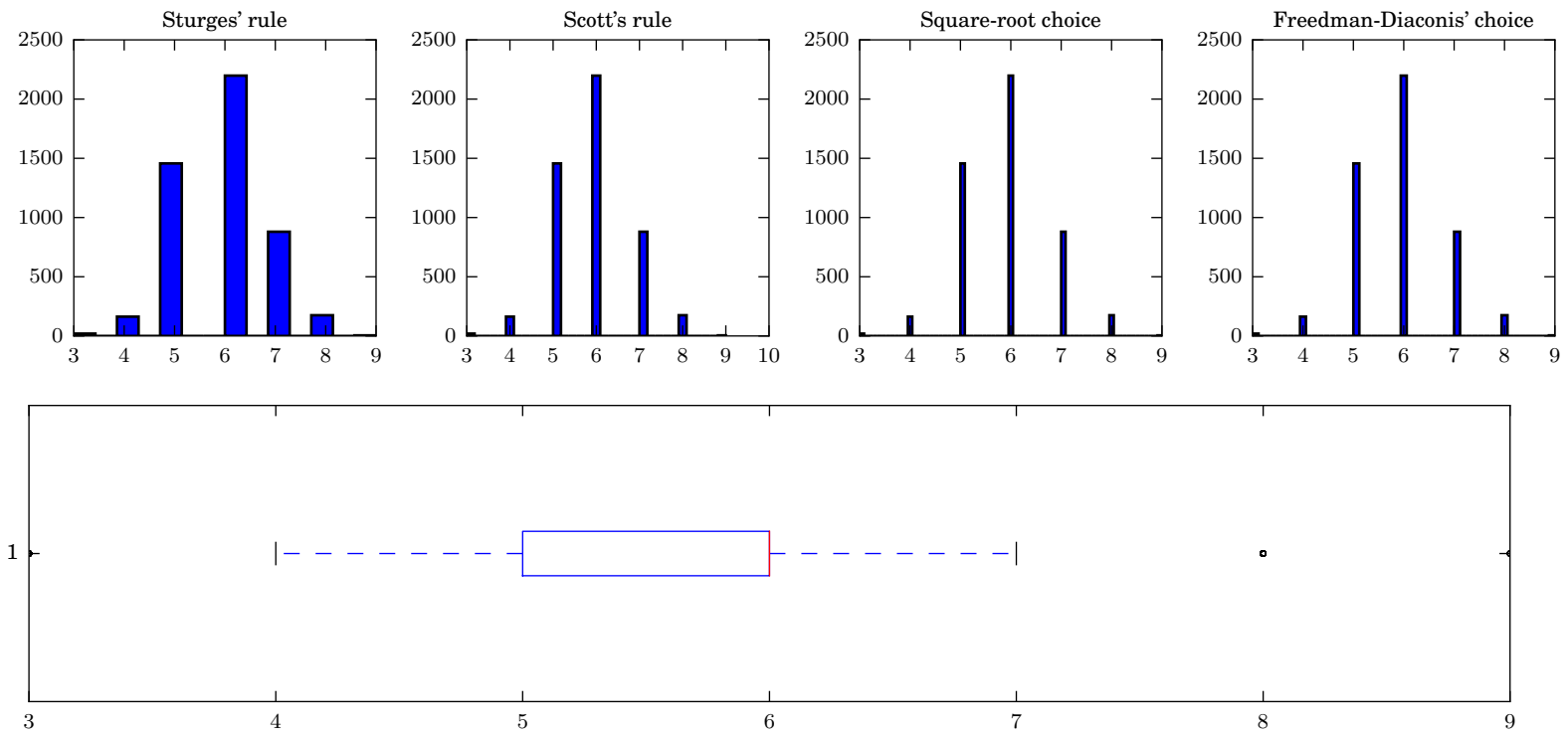
0.1.7 total sulfur dioxide



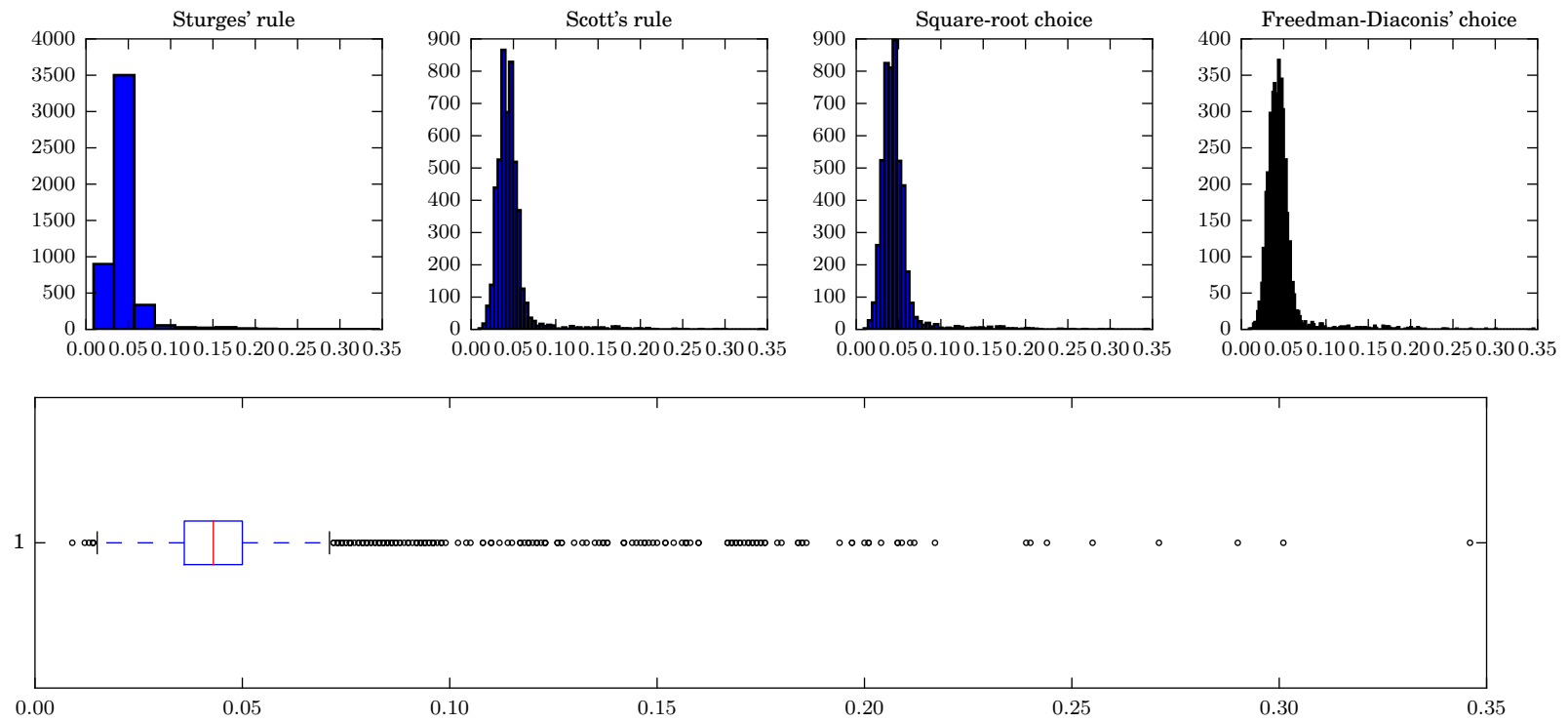
0.1.8 sulphates



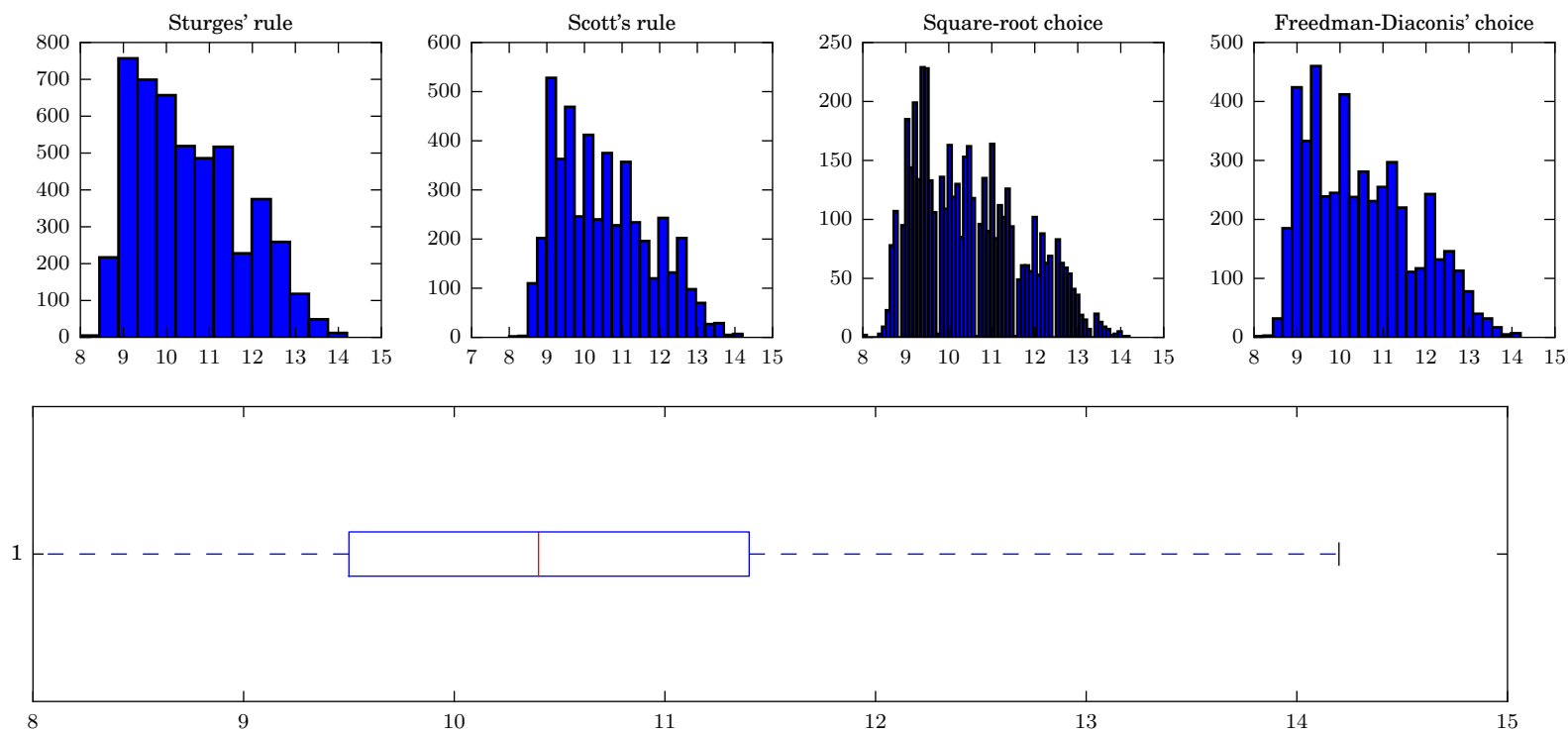
0.1.9 quality



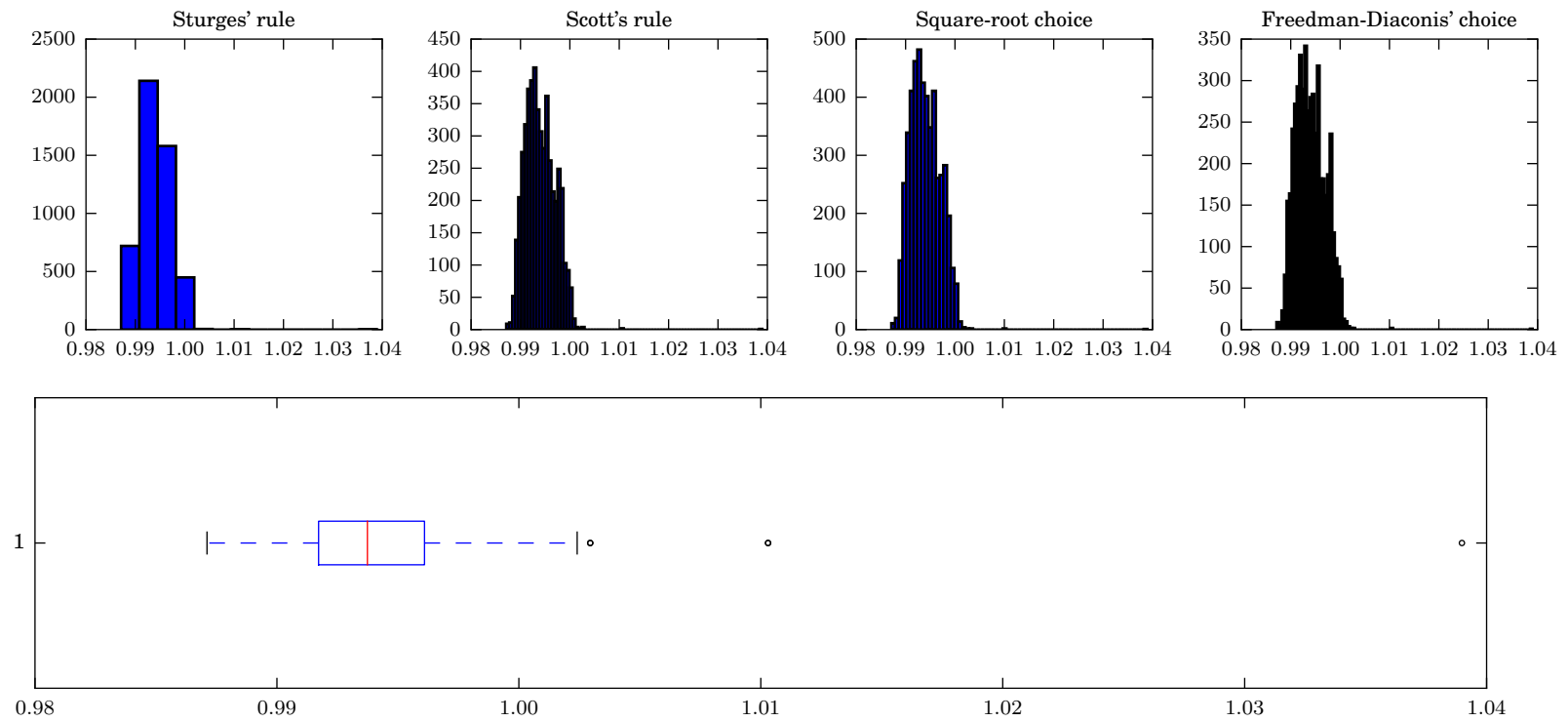
0.1.10 chlorides



0.1.11 alcohol



0.1.12 density



0.2 Correlation coefficients using different functions

0.2.1 Correlation coefficients using Pearson's correlation coefficient

	citric acid	fixed acidity	residual sugar	volatile acidity	free sulfur dioxide	pH	total sulfur dioxide	sulphates	quality	chlorides	alcohol	density
citric acid	1.0000	0.2892	0.0942	-0.1495	0.0941	-0.1637	0.1211	0.0623	-0.0092	0.1144	-0.0757	0.1495
fixed acidity	0.2892	1.0000	0.0890	-0.0227	-0.0494	-0.4259	0.0911	-0.0171	-0.1137	0.0231	-0.1209	0.2653
residual sugar	0.0942	0.0890	1.0000	0.0643	0.2991	-0.1941	0.4014	-0.0267	-0.0976	0.0887	-0.4506	0.8390
volatile acidity	-0.1495	-0.0227	0.0643	1.0000	-0.0970	-0.0319	0.0893	-0.0357	-0.1947	0.0705	0.0677	0.0271
free sulfur dioxide	0.0941	-0.0494	0.2991	-0.0970	1.0000	-0.0006	0.6155	0.0592	0.0082	0.1014	-0.2501	0.2942
pH	-0.1637	-0.4259	-0.1941	-0.0319	-0.0006	1.0000	0.0023	0.1560	0.0994	-0.0904	0.1214	-0.0936
total sulfur dioxide	0.1211	0.0911	0.4014	0.0893	0.6155	0.0023	1.0000	0.1346	-0.1747	0.1989	-0.4489	0.5299
sulphates	0.0623	-0.0171	-0.0267	-0.0357	0.0592	0.1560	0.1346	1.0000	0.0537	0.0168	-0.0174	0.0745
quality	-0.0092	-0.1137	-0.0976	-0.1947	0.0082	0.0994	-0.1747	0.0537	1.0000	-0.2099	0.4356	-0.3071
chlorides	0.1144	0.0231	0.0887	0.0705	0.1014	-0.0904	0.1989	0.0168	-0.2099	1.0000	-0.3602	0.2572
alcohol	-0.0757	-0.1209	-0.4506	0.0677	-0.2501	0.1214	-0.4489	-0.0174	0.4356	-0.3602	1.0000	-0.7801
density	0.1495	0.2653	0.8390	0.0271	0.2942	-0.0936	0.5299	0.0745	-0.3071	0.2572	-0.7801	1.0000

0.2.2 Correlation coefficients using Spearman's rho

	citric acid	fixed acidity	residual sugar	volatile acidity	free sulfur dioxide	pH	total sulfur dioxide	sulphates	quality	chlorides	alcohol	density
citric acid	1.0000	0.2979	0.0246	-0.1504	0.0883	-0.1462	0.0932	0.0798	0.0183	0.0327	-0.0292	0.0914
fixed acidity	0.2979	1.0000	0.1067	-0.0429	-0.0245	-0.4183	0.1126	-0.0132	-0.0845	0.0947	-0.1068	0.2700
residual sugar	0.0246	0.1067	1.0000	0.1086	0.3461	-0.1800	0.4313	-0.0038	-0.0821	0.2278	-0.4453	0.7804
volatile acidity	-0.1504	-0.0429	0.1086	1.0000	-0.0812	-0.0452	0.1176	-0.0169	-0.1966	-0.0049	0.0340	0.0101
free sulfur dioxide	0.0883	-0.0245	0.3461	-0.0812	1.0000	-0.0063	0.6186	0.0523	0.0237	0.1670	-0.2726	0.3278
pH	-0.1462	-0.4183	-0.1800	-0.0452	-0.0063	1.0000	-0.0118	0.1402	0.1094	-0.0540	0.1489	-0.1101
total sulfur dioxide	0.0932	0.1126	0.4313	0.1176	0.6186	-0.0118	1.0000	0.1578	-0.1967	0.3752	-0.4766	0.5638
sulphates	0.0798	-0.0132	-0.0038	-0.0169	0.0523	0.1402	0.1578	1.0000	0.0333	0.0939	-0.0449	0.0951
quality	0.0183	-0.0845	-0.0821	-0.1966	0.0237	0.1094	-0.1967	0.0333	1.0000	-0.3145	0.4404	-0.3484
chlorides	0.0327	0.0947	0.2278	-0.0049	0.1670	-0.0540	0.3752	0.0939	-0.3145	1.0000	-0.5708	0.5083
alcohol	-0.0292	-0.1068	-0.4453	0.0340	-0.2726	0.1489	-0.4766	-0.0449	0.4404	-0.5708	1.0000	-0.8219
density	0.0914	0.2700	0.7804	0.0101	0.3278	-0.1101	0.5638	0.0951	-0.3484	0.5083	-0.8219	1.0000

0.2.3 Correlation coefficients using Kendall's tau

	citric acid	fixed acidity	residual sugar	volatile acidity	free sulfur dioxide	pH	total sulfur dioxide	sulphates	quality	chlorides	alcohol	density
citric acid	1.0000	0.2086	0.0153	-0.1040	0.0608	-0.1013	0.0622	0.0545	0.0146	0.0223	-0.0200	0.0615
fixed acidity	0.2086	1.0000	0.0749	-0.0296	-0.0169	-0.2948	0.0773	-0.0087	-0.0655	0.0654	-0.0732	0.1855
residual sugar	0.0153	0.0749	1.0000	0.0728	0.2367	-0.1256	0.2933	-0.0025	-0.0631	0.1553	-0.3056	0.5890
volatile acidity	-0.1040	-0.0296	0.0728	1.0000	-0.0548	-0.0304	0.0813	-0.0116	-0.1548	-0.0035	0.0235	0.0066
free sulfur dioxide	0.0608	-0.0169	0.2367	-0.0548	1.0000	-0.0052	0.4447	0.0356	0.0172	0.1139	-0.1825	0.2173
pH	-0.1013	-0.2948	-0.1256	-0.0304	-0.0052	1.0000	-0.0084	0.0958	0.0844	-0.0379	0.1026	-0.0756
total sulfur dioxide	0.0622	0.0773	0.2933	0.0813	0.4447	-0.0084	1.0000	0.1087	-0.1512	0.2571	-0.3258	0.3884
sulphates	0.0545	-0.0087	-0.0025	-0.0116	0.0356	0.0958	0.1087	1.0000	0.0264	0.0626	-0.0264	0.0642
quality	0.0146	-0.0655	-0.0631	-0.1548	0.0172	0.0844	-0.1512	0.0264	1.0000	-0.2449	0.3467	-0.2666
chlorides	0.0223	0.0654	0.1553	-0.0035	0.1139	-0.0379	0.2571	0.0626	-0.2449	1.0000	-0.4040	0.3491
alcohol	-0.0200	-0.0732	-0.3056	0.0235	-0.1825	0.1026	-0.3258	-0.0264	0.3467	-0.4040	1.0000	-0.6351
density	0.0615	0.1855	0.5890	0.0066	0.2173	-0.0756	0.3884	0.0642	-0.2666	0.3491	-0.6351	1.0000