fixed acidity -	- 1	0.19	0.35	-0.11	0.3	-0.26	-0.33	0.47	-0.29	0.28	-0.085	-0.053	- 1.0
volatile acidity -	0.19	1	-0.39	-0.21	0.37	-0.32	-0.41	0.27	0.29	0.18	-0.065	-0.28	- 0.8
citric acid -	0.35	-0.39	1	0.15	0.053	0.15	0.2	0.11	-0.34	0.1	0.02	0.12	- 0.6
residual sugar -	-0.11	-0.21	0.15	1	-0.12	0.39	0.52	0.53	-0.29	-0.16	-0.32	-0.081	2.0
chlorides -	0.3	0.37	0.053	-0.12	1	-0.2	-0.28	0.38	0.045	0.41	-0.25	-0.21	- 0.4
ree sulfur dioxide -	-0.26	-0.32	0.15	0.39	-0.2	1	0.73	0.036	-0.11	-0.1	-0.15	0.0038	- 0.2
otal sulfur dioxide -	-0.33	-0.41	0.2	0.52	-0.28	0.73	1	0.047	-0.25	-0.25	-0.27	-0.095	
density -	0.47	0.27	0.11	0.53	0.38	0.036	0.047	1	-0.032	0.26	-0.69	-0.41	- 0.0
pH -	-0.29	0.29	-0.34	-0.29	0.045	-0.11	-0.25	-0.032	1	0.19	0.14	0.025	- –0.:
sulphates -	0.28	0.18	0.1	-0.16	0.41	-0.1	-0.25	0.26	0.19	1	0.02	0.072	- <b>–</b> 0.
alcohol -	-0.085	-0.065	0.02	-0.32	-0.25	-0.15	-0.27	-0.69	0.14	0.02	1	0.58	0.
quality -	-0.053	-0.28	0.12	-0.081	-0.21	0.0038	-0.095	-0.41	0.025	0.072	0.58	1	- <b>–</b> 0.
	d acidity -	e acidity -	itric acid -	ıal sugar -	chlorides -	r dioxide -	r dioxide -	density -	- Hd	ulphates –	alcohol -	quality -	