EDA on the Hesma Data

Summary Statistics

ar

Ni

52.000000

50%

75%

max

Τi

Hf

50.300000 29.900000 20.000000

50.600000 36.275000 20.000000

70.000000 30.000000

en

count	224.000000	224.000000	224.000000	224.0000	00 224.000	000 224.00	0000 224.00	00000 224
mean	49.746964	33.586830	16.666205	1.684065	1.679015	0.075210	75.022019	0.46408
std	3.371594	7.624387 5	.961310 0.	016144 0	.018702 0	.001137 7	.896318 0.	019462 (
min	21.000000	19.000000	0.000000	1.596100	1.622300	0.073130	53.258360	0.405360
25%	50.000000	29.400000	14.472500	1.678110	1.672190	0.074598	71.487600	0.45734

1.679960

1.690110

1.728700

ir

amu

1.686570

1.688190

1.732100

MΡ

0.47352

0.47450

0.509328

Ζ

79.414820

79.468920

ven

0.081170 92.574200

wcr

0.074683

0.075573

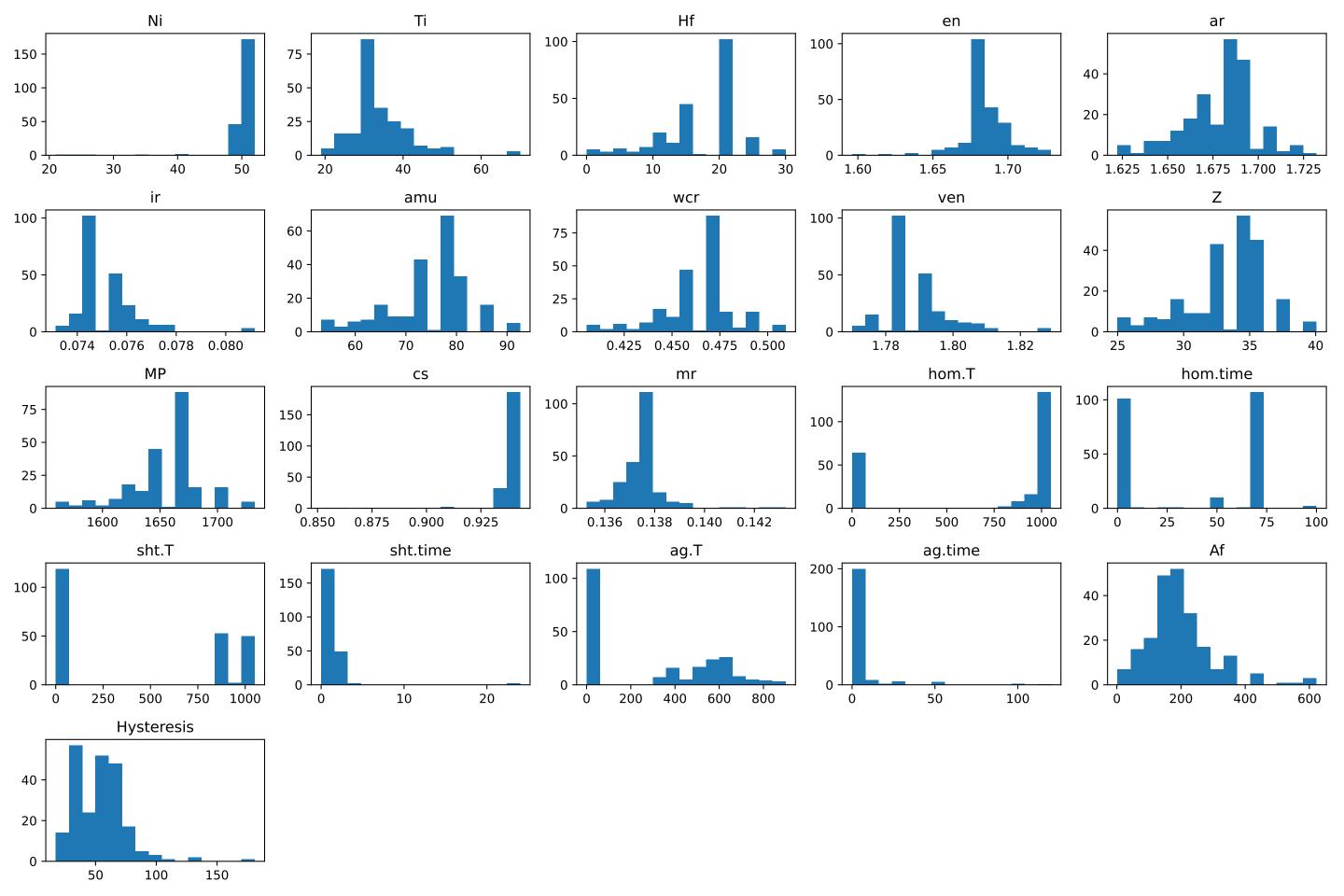
Missing Values per Column

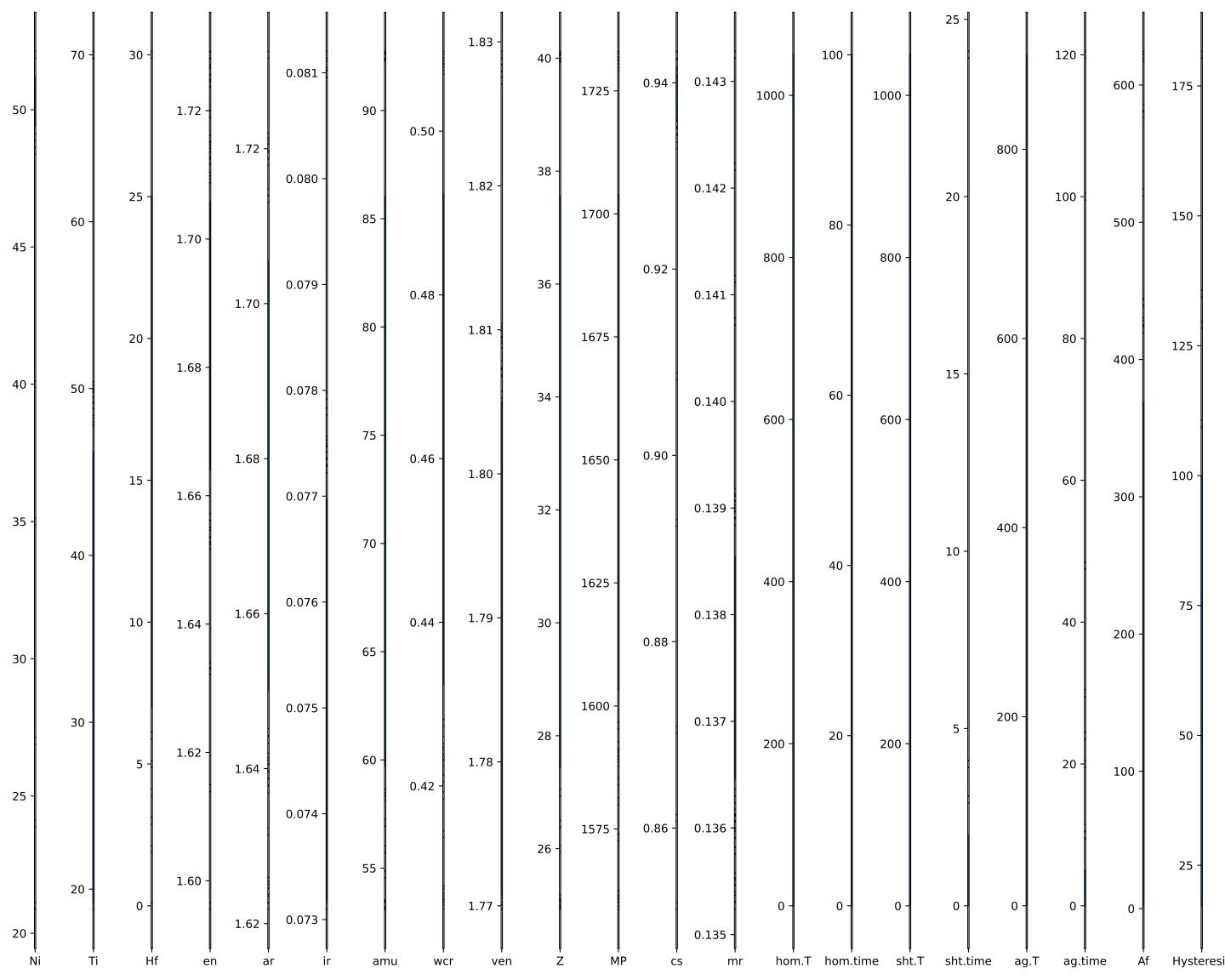
Ni	0
Ti	0
Hf	0
en	0
ar	0
ir	0
amu	0
wcr	0
ven	0
Z	0
MP	0
CS	0
mr	0
hom.T	0
hom.time	e 0
sht.T	0
sht.time	0
ag.T	0
ag.time	0
Af	0
Hysteres	is 0

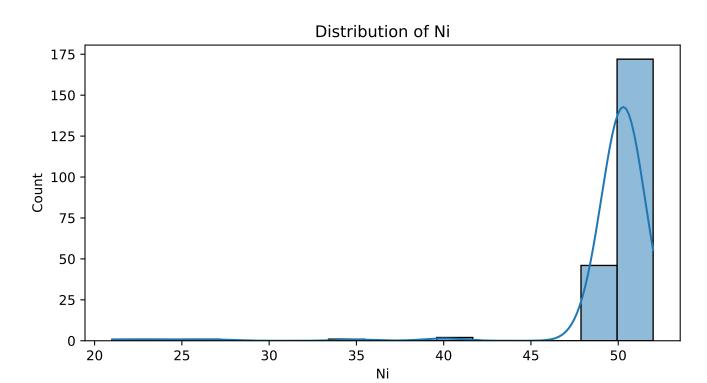
Correlation Matrix

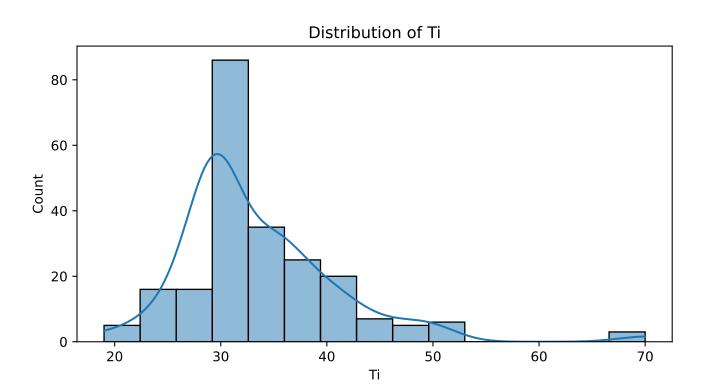
1.00

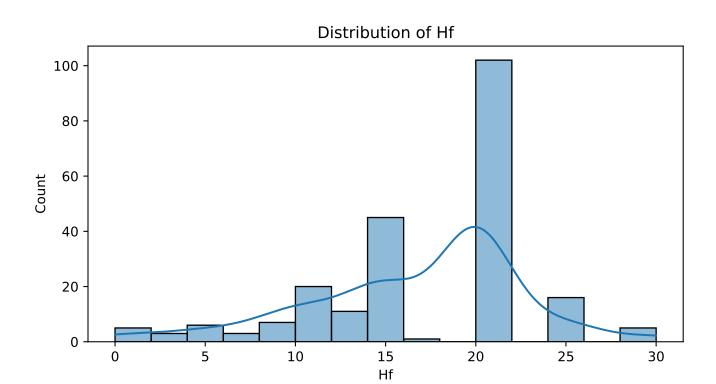
							10							ho	hom.time	S	sht.time	.5	ag.t		Hysteresis		
	Ξ Έ	Ë	H H	en -	ar -	<u>-</u>	amn -	wcr -	ven -	- Z	MP -	CS -	mr -	hom.T -	ime -	sht.T -	ime -	ag.T -	ag.tıme -	Af -	esis -		
Hysteresis -	-0.21	0.16	-0.09	-0.09	0.01	0.17	-0.10	-0.03	0.15	-0.10-0	0.04-0	0.21	0.11	0.34-	0.41	0.21 0	.10-0).13 <mark>0</mark> .	.01).26	1.00		
Af -	-0.05	-0.41	0.55	-0.52	0.58	-0.38	0.54	0.59	-0.44	0.54 0).58-0	0.10	0.48	0.22-	0.20-	0.030	.06-0	.19-0	.09	L.00	0.26		
ag.time -	0.05	-0.04	0.03	0.01	0.00	-0.04	0.03	0.01	-0.04	0.03 0	0.02	0.05 -	0.02	0.20	0.09	0.11-0	0.03	.30 1.	.00-0	0.09	0.01		0.75
ag.T -	0.19	-0.28	0.25	-0.08	0.17	-0.28	0.26	0.21	-0.28	0.26).22 (0.17	0.04	0.50	0.36	0.07 0	.05 1	.00 0.	.30-0	0.19-	0.13		
sht.time -	0.05	0.01	-0.04	0.08	-0.07	0.01	-0.04	-0.06	0.02	-0.04-0	0.06	0.06-	0.08-	0.23-	0.20	0.46 1	.00 0	.05 -0	.030	0.06	0.10		-
sht.T -	0.13	-0.03	-0.04	0.13	-0.10	-0.04	-0.03	-0.07	-0.02	-0.03-0	0.07	0.14-	0.14-	0.26-	0.36	1.00 0	.46 0	.07 0.	.11-0	0.03	0.21	- <u>-</u>	0.50
hom.time -	0.21	-0.31	0.28	-0.08	0.18	-0.31	0.29	0.23	-0.31	0.29).24 (0.19	0.04	0.73	1.00-	0.36-0).20 <mark>0</mark>	.36 0.	.09-0	0.20	0.41		
hom.T -	0.28	-0.38	0.32	-0.07	0.19	-0.38	0.33	0.26	-0.37	0.33 0).27 (0.26	0.01	1.00	0.73	0.26-0	0.23	.50 0.	.20-0	0.22-	0.34	_	0.25
mr -	-0.64	-0.15	0.56	-0.99	0.88	-0.08	0.52	0.76	-0.23	0.50).72-(0.71	1.00	0.01	0.04-	0.14-0	0.08	.04-0	.02 0).48	0.11		0.25
										0.26-0		_											
										0.96 1												- 0	.00
										1.00 0													
										-0.96-0													
										0.94 1												- 0.	.25
										1.00 0													
										-0.90-0												- 0,	.50
										0.85												- O.	50
										-0.62-0													
										1.00 0												- 0.	.75
										-0.93-(
Ni -	1.00	-0.66	0.28	0.53	-0.20	-0.71	0.32	0.01	-0.60	0.34 0	0.07 1	1.00	0.64	0.28	0.21	0.13 0	.05 0	.19 0.	05-0	0.05-	0.21		.00

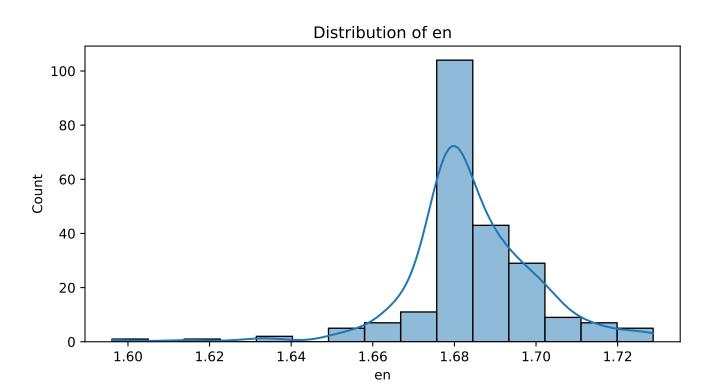


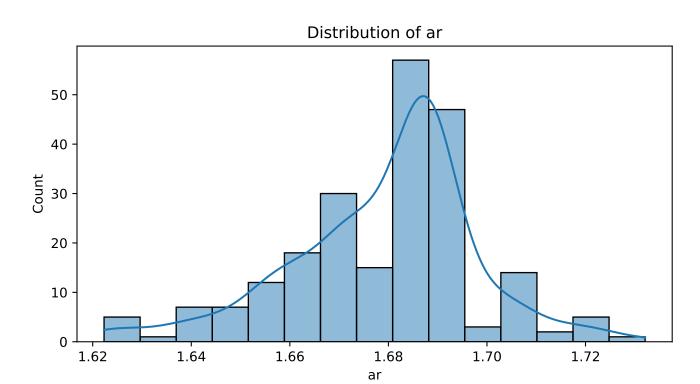


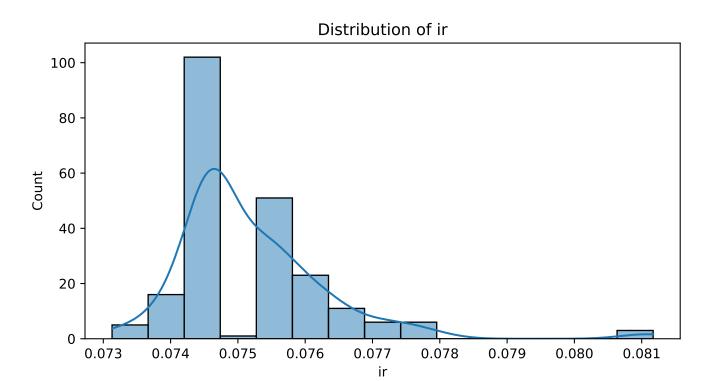


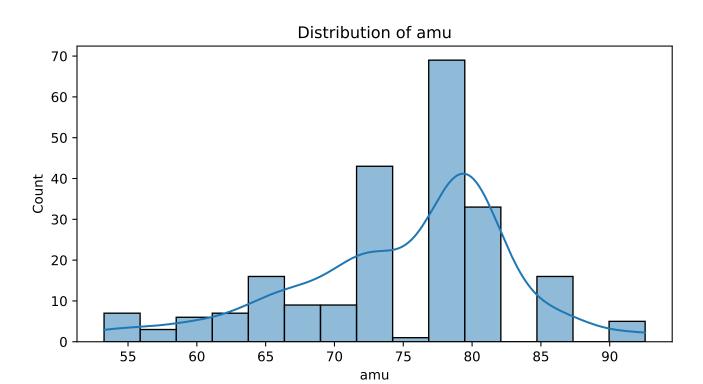


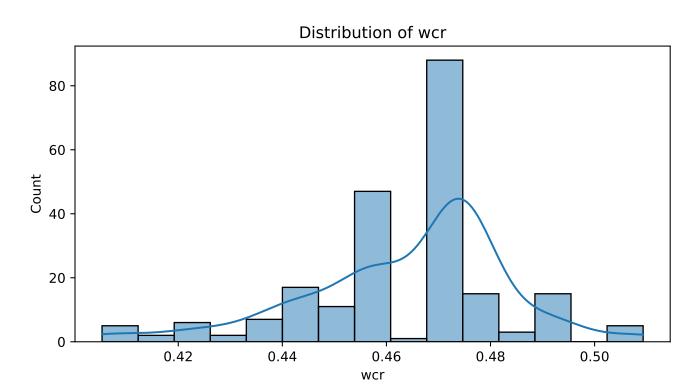


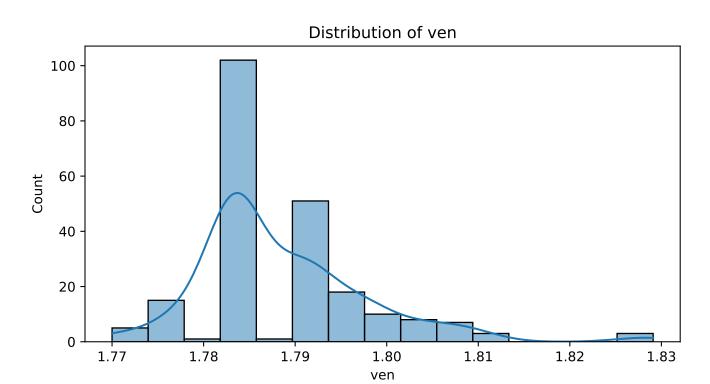


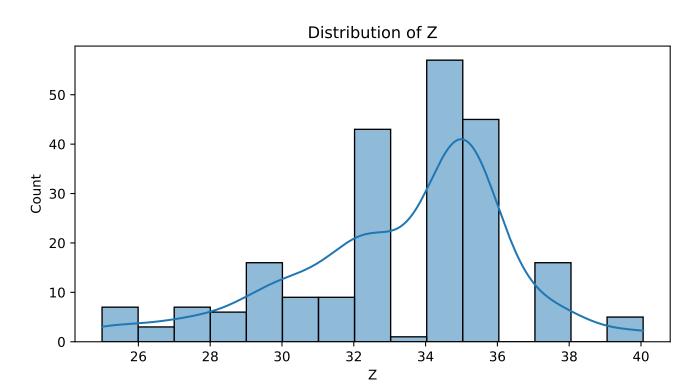


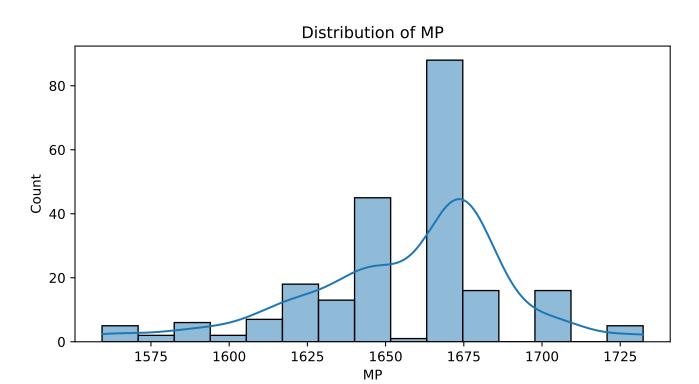


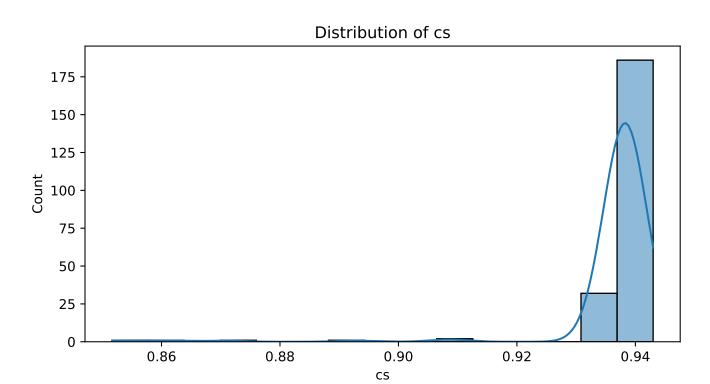


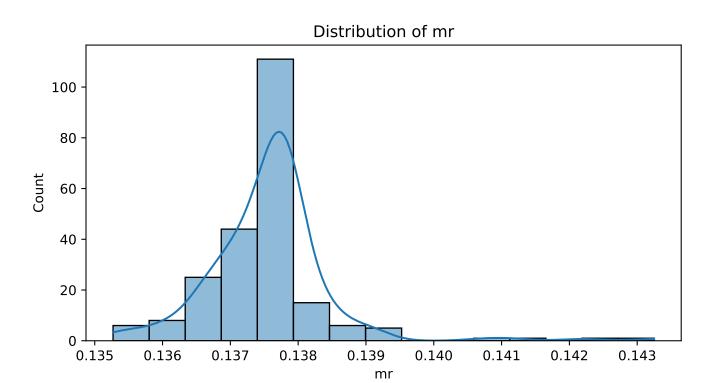


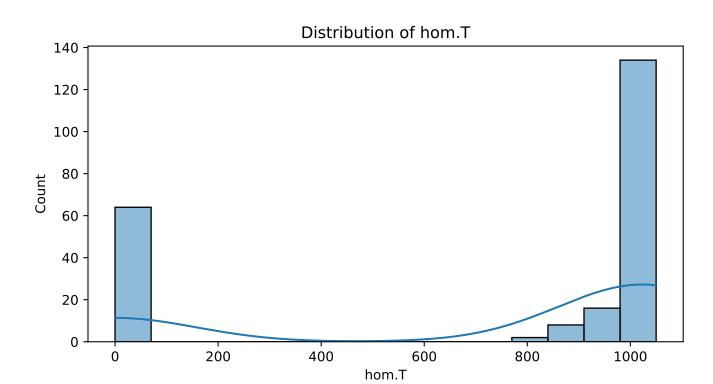


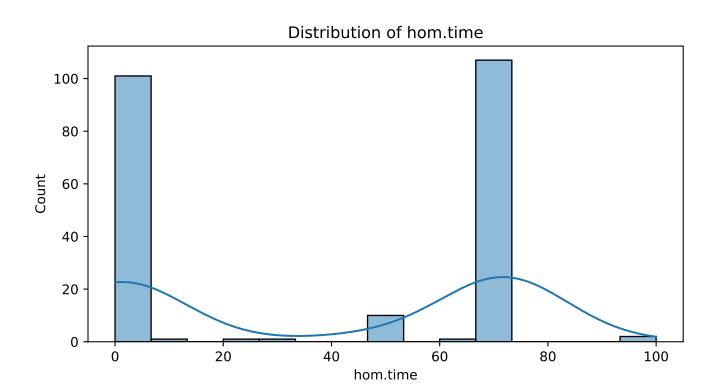


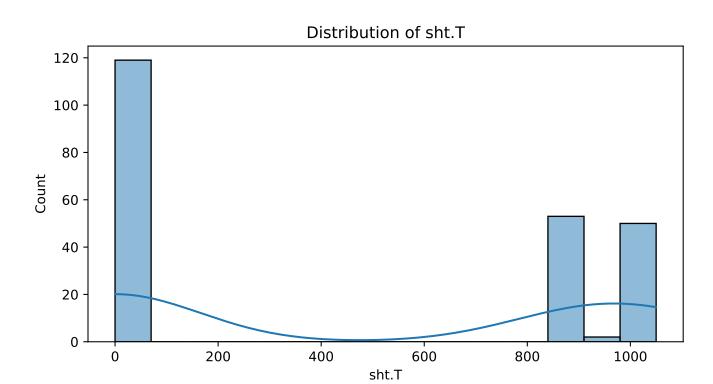


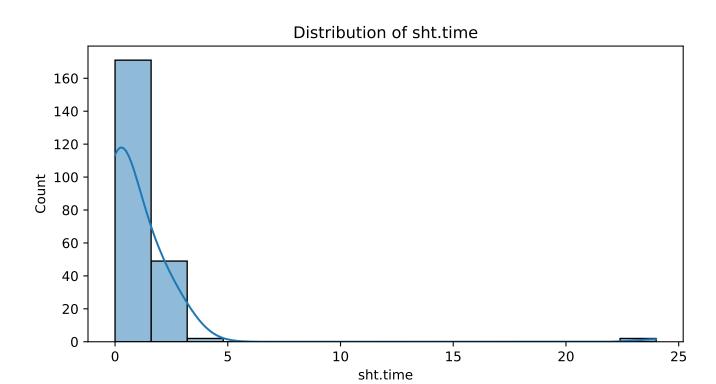


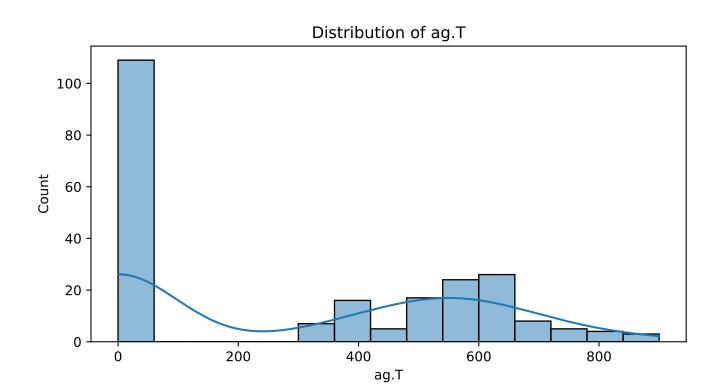


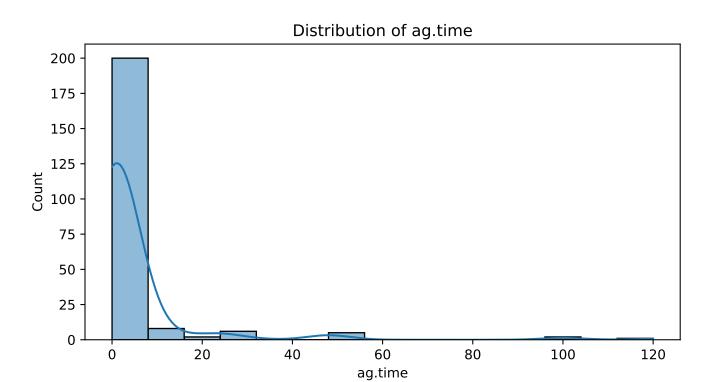


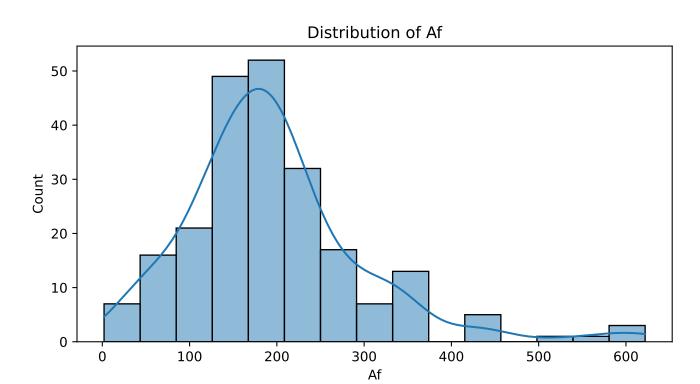


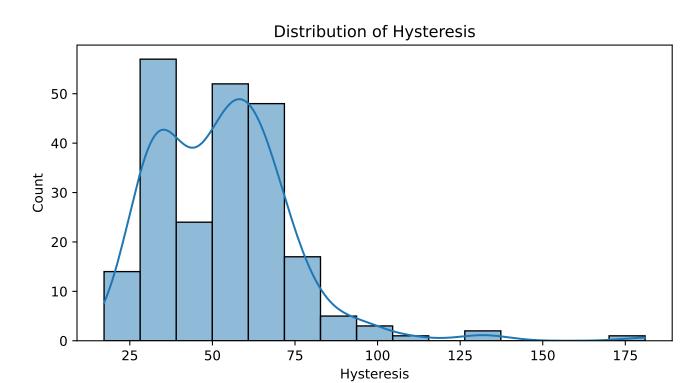












Violin Plots for All Features

