

# Overview

Overview   Alerts 34   Reproduction

## Dataset statistics

Number of variables	24
Number of observations	195
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	36.7 KiB
Average record size in memory	192.7 B

## Variable types

Categorical	2
Numeric	22

# Variables

Select Columns ▾

name

Categorical

HIGH CARDINALITY UNIFORM UNIQUE

Distinct	195
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Memory size	1.6 KiB

phon\_R01\_S...

1

phon\_R01\_S...

1

phon\_R01\_S...

1

phon\_R01\_S...

1

phon\_R01\_S...

1

Other values ...

190

More details

MDVP:F0(Hz)

Real number (ℝ)

HIGH CORRELATION UNIQUE

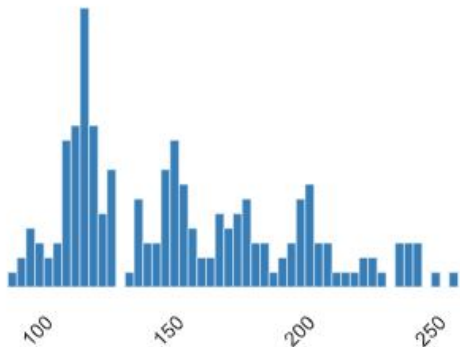
MDVP:F0(Hz)

Real number ( $\mathbb{R}$ )

HIGH CORRELATION UNIQUE

Distinct	195
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	154.22864

Minimum	88.333
Maximum	260.105
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	1.6 KiB



More details

MDVP:Fhi(Hz)

Real number ( $\mathbb{R}$ )

HIGH CORRELATION UNIQUE

Distinct	195
Distinct (%)	100.0%

Minimum	102.145
Maximum	592.03

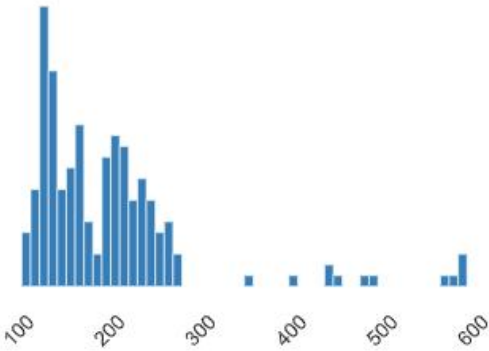
MDVP:Fhi(Hz)

Real number (R)

HIGH CORRELATION UNIQUE

Distinct	195
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	197.10492

Minimum	102.145
Maximum	592.03
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	1.6 KiB



More details

MDVP:Flo(Hz)

Real number (R)

HIGH CORRELATION UNIQUE

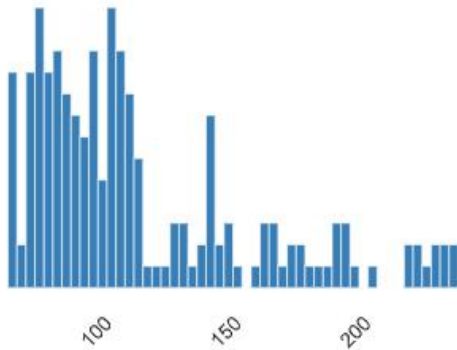
MDVP:F0o(Hz)

Real number (R)

HIGH CORRELATION UNIQUE

Distinct	195
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	116.32463

Minimum	65.476
Maximum	239.17
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	1.6 KIB



More details

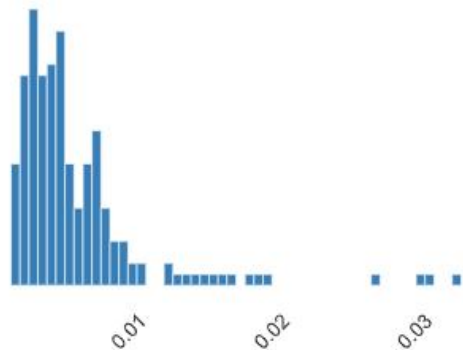
MDVP:Jitter(%)

Real number (R)

Distinct	173
Minimum	0.00168

MDVP:Jitter(%)  
Real number ( $\mathbb{R}$ )

Distinct	173	Minimum	0.00168
Distinct (%)	88.7%	Maximum	0.03316
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.0062204615	Memory size	1.6 KiB



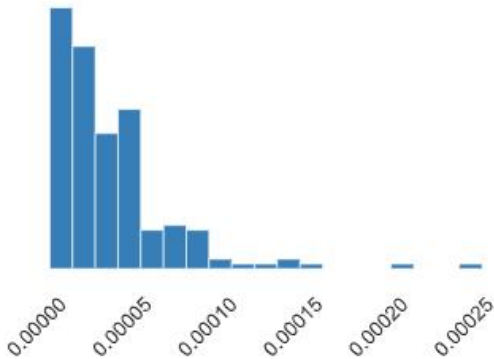
MDVP:Jitter(Abs)  
Real number ( $\mathbb{R}$ )

Distinct	19	Minimum	$7 \times 10^{-6}$
Distinct (%)	9.7%	Maximum	0.00026
Missing	0	Zeros	0



MDVP:Jitter(Abs)  
Real number (ℝ)

Distinct	19	Minimum	$7 \times 10^{-6}$
Distinct (%)	9.7%	Maximum	0.00026
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	$4.3958974 \times 10^{-5}$	Memory size	1.6 KiB



More details

MDVP:RAP  
Real number (ℝ)

Distinct	155	Minimum	0.00068
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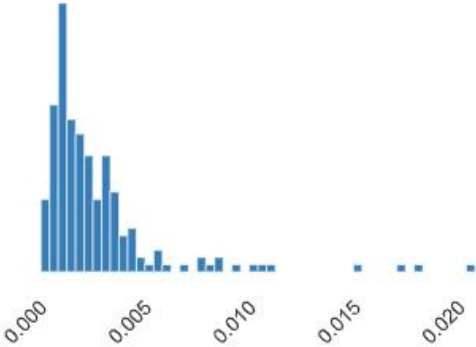


More details

MDVP:RAP

Real number (ℝ)

Distinct	155	Minimum	0.00068
Distinct (%)	79.5%	Maximum	0.02144
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.0033064103	Memory size	1.6 KiB



More details

MDVP:PPQ

Real number (ℝ)

Distinct	165	Minimum	0.00092
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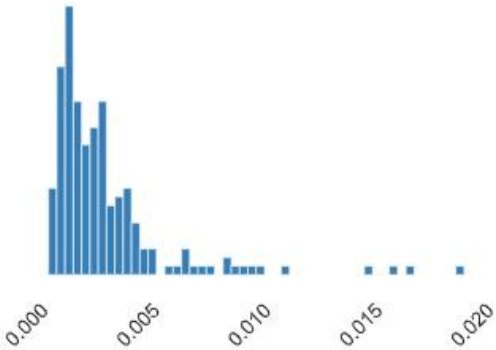


More details

MDVP:PPQ

Real number (ℝ)

Distinct	165	Minimum	0.00092
Distinct (%)	84.6%	Maximum	0.01958
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.003446359	Memory size	1.6 KiB



More details

Jitter:DDP

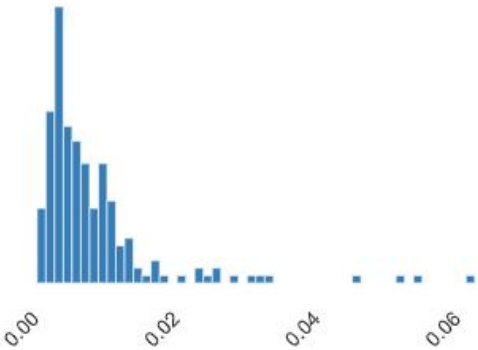
Real number (ℝ)

More details

Jitter:DDP

Real number ( $\mathbb{R}$ )

Distinct	180	Minimum	0.00204
Distinct (%)	92.3%	Maximum	0.06433
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.0099199487	Memory size	1.6 KiB



More details

MDVP:Shimmer

Real number ( $\mathbb{R}$ )

Distinct	188	Minimum	0.00954
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## Pandas Profiling Report

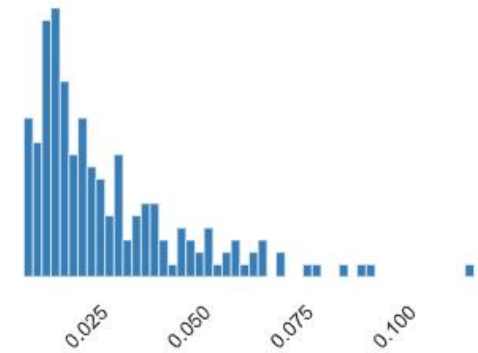
Overview Variables Interactions Correlations Missing values Sample

More details

### MDVP:Shimmer

Real number (ℝ)

Distinct	188	Minimum	0.00954
Distinct (%)	96.4%	Maximum	0.11908
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.029709128	Memory size	1.6 KiB



More details

### MDVP:Shimmer(dB)

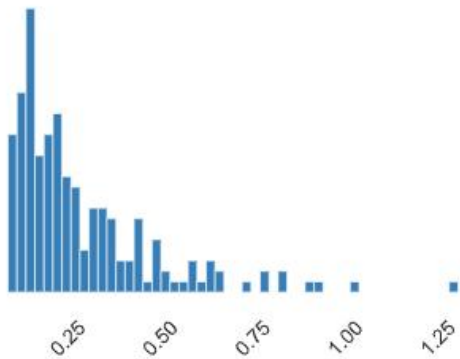
Real number (ℝ)

Distinct	149	Minimum	0.085
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MDVP:Shimmer(dB)

Real number ( $\mathbb{R}$ )

Distinct	149	Minimum	0.085
Distinct (%)	76.4%	Maximum	1.302
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.28225128	Memory size	1.6 KiB



Shimmer:APQ3

Real number ( $\mathbb{R}$ )

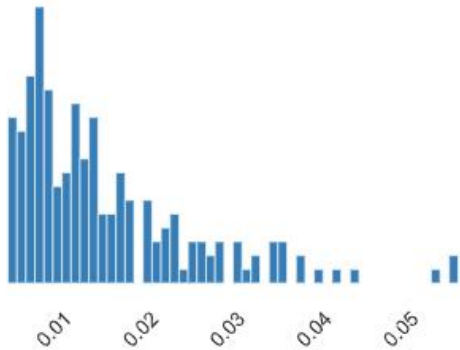
Distinct	184	Minimum	0.00455
Distinct (%)	94.4%	Maximum	0.05647

more details

Shimmer:APQ3

Real number ( $\mathbb{R}$ )

Distinct	184	Minimum	0.00455
Distinct (%)	94.4%	Maximum	0.05647
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.015664154	Memory size	1.6 KIB



More details

Shimmer:APQ5

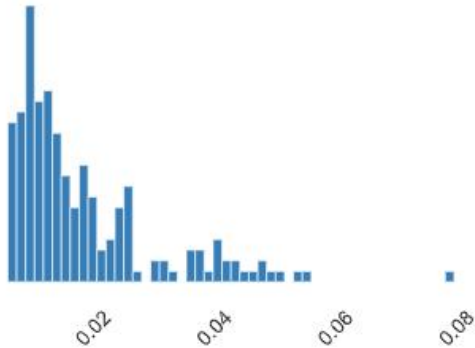
Real number ( $\mathbb{R}$ )

Distinct	189	Minimum	0.0057
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Shimmer:APQ5

Real number (ℝ)

Distinct	189	Minimum	0.0057
Distinct (%)	96.9%	Maximum	0.0794
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.017878256	Memory size	1.6 KiB



More details

MDVP:APQ

Real number (ℝ)

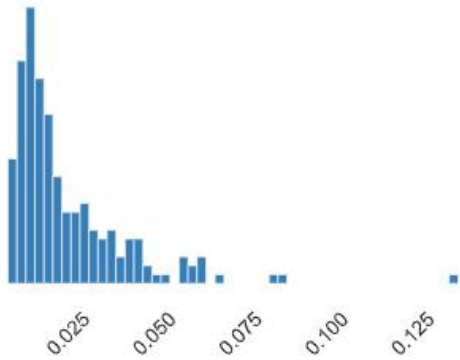
Distinct	189	Minimum	0.00719
Distinct (%)	96.9%	Maximum	0.13778

More details

MDVP:APQ

Real number ( $\mathbb{R}$ )

Distinct	189	Minimum	0.00719
Distinct (%)	96.9%	Maximum	0.13778
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.024081487	Memory size	1.6 KiB



More details

Shimmer:DDA

Real number ( $\mathbb{R}$ )

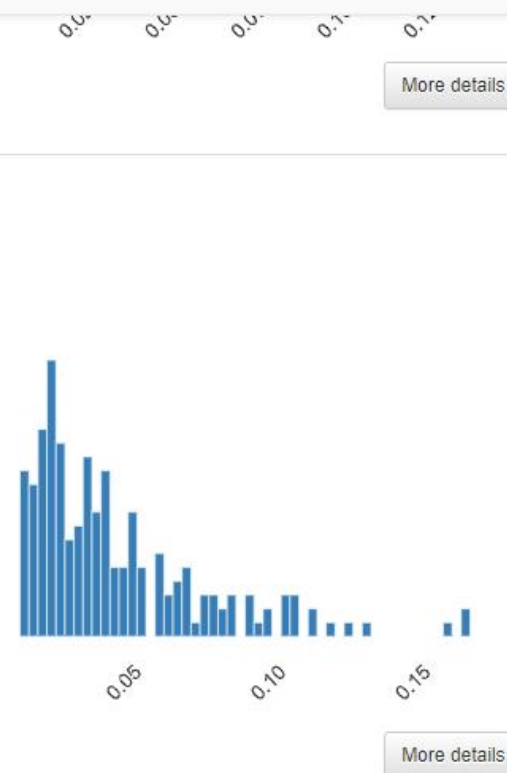
Distinct	189	Minimum	0.01364
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Overview   Variables   Interactions   Correlations   Missing values   Sample

Real number ( $\mathbb{R}$ )

Distinct	189	Minimum	0.01364
Distinct (%)	96.9%	Maximum	0.16942
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.046992615	Memory size	1.6 KiB

Real number ( $\mathbb{R}$ )

Pandas Profiling Report

Overview

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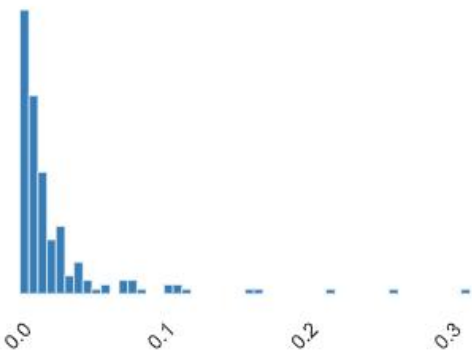
Sample

More details

NHR

Real number ( $\mathbb{R}$ )

Distinct	185	Minimum	0.00065
Distinct (%)	94.9%	Maximum	0.31482
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.024847077	Memory size	1.6 KiB



More details

HNR

Real number ( $\mathbb{R}$ )

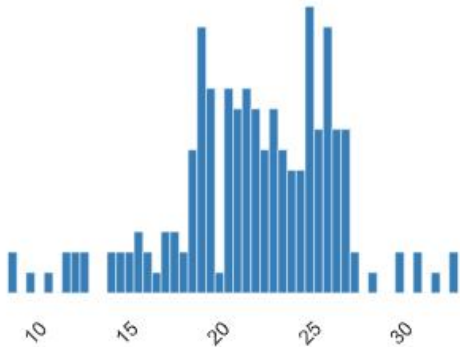
HNR

Real number ( $\mathbb{R}$ )

HIGH CORRELATION UNIQUE

Distinct	195
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	21.885974

Minimum	8.441
Maximum	33.047
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	1.6 KiB

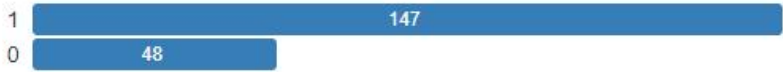


More details

status

Categorical

Distinct	2
Distinct (%)	1.0%



Pandas Profiling Report

Overview Variables Interactions Correlations Missing values Sample

More details

status

Categorical

Distinct	2
Distinct (%)	1.0%
Missing	0
Missing (%)	0.0%
Memory size	1.6 KiB



More details

RPDE

Real number ( $\mathbb{R}$ )

HIGH CORRELATION UNIQUE

Distinct	195
Distinct (%)	100.0%

Minimum	0.25657
Maximum	0.685151

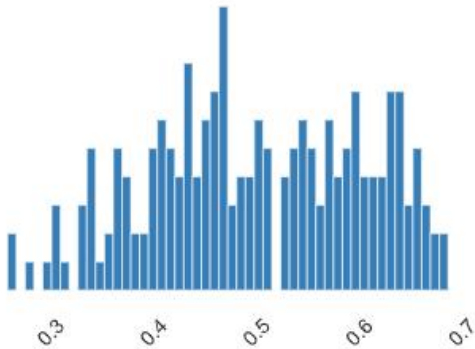
RPDE

Real number (R)

HIGH CORRELATION UNIQUE

Distinct	195
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.49853554

Minimum	0.25657
Maximum	0.685151
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	1.6 KiB



More details

DFA

Real number (R)

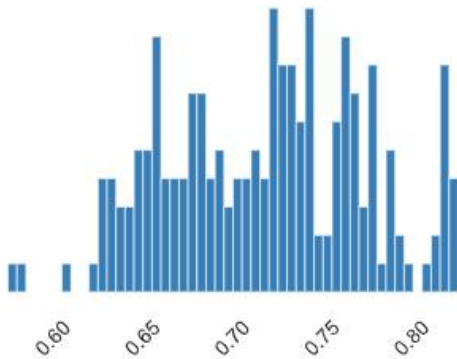
Distinct	195
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Minimum	0.574282
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DFA

Real number ( $\mathbb{R}$ )

Distinct	195	Minimum	0.574282
Distinct (%)	100.0%	Maximum	0.825288
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.71809905	Memory size	1.6 KiB



More details

spread1

Real number ( $\mathbb{R}$ )

HIGH CORRELATION UNIQUE

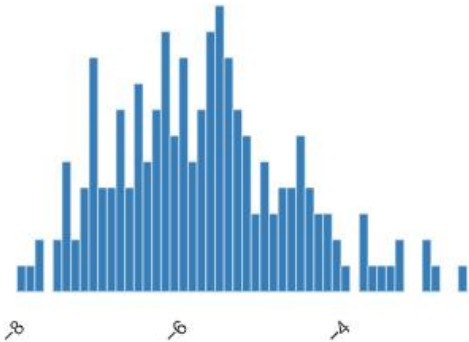
Distinct	195	Minimum	7.064004
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spread1

Real number (R)

HIGH CORRELATION UNIQUE

Distinct	195	Minimum	-7.964984
Distinct (%)	100.0%	Maximum	-2.434031
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	195
Infinite (%)	0.0%	Negative (%)	100.0%
Mean	-5.6843967	Memory size	1.6 KiB



More details

spread2

Real number (R)

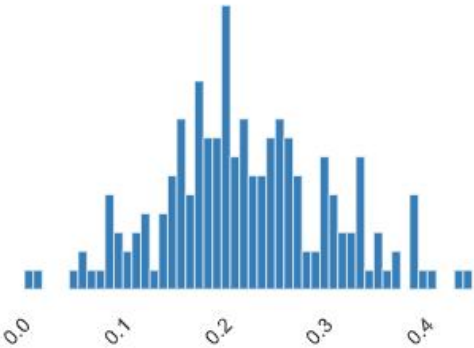
Distinct	194	Minimum	0.006274
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More details

spread2  
Real number ( $\mathbb{R}$ )

Distinct	194	Minimum	0.006274
Distinct (%)	99.5%	Maximum	0.450493
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.22651035	Memory size	1.6 KiB



More details

D2  
Real number ( $\mathbb{R}$ )

HIGH CORRELATION UNIQUE

Pandas Profiling Report

Overview Variables Interactions Correlations Missing values Sample

More details

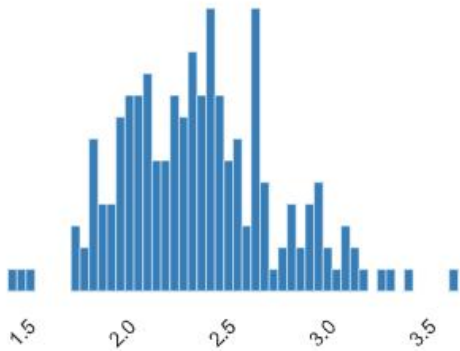
D2

Real number (R)

HIGH CORRELATION UNIQUE

Distinct	195
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	2.3818261

Minimum	1.423287
Maximum	3.671155
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	1.6 KIB



More details

PPE

Real number (R)

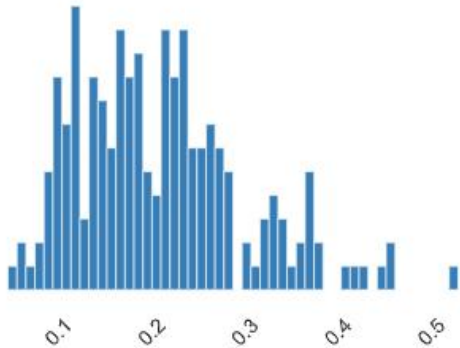
PPE

Real number ( $\mathbb{R}$ )

HIGH CORRELATION UNIQUE

Distinct	195
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.20655164

Minimum	0.044539
Maximum	0.527367
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	1.6 KiB



More details

Interactions

MDVP:F0(Hz)	PPE
MDVP:Fhi(Hz)	MDVP:F0(Hz)

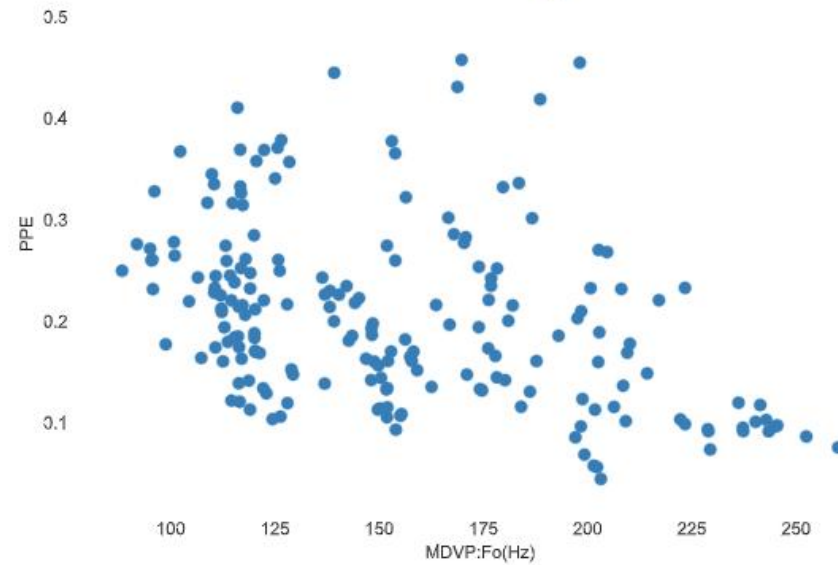
## Pandas Profiling Report

Overview Variables Interactions Correlations Missing values Sample

### Interactions

MDVP:Fo(Hz)  
MDVP:Fhi(Hz)  
MDVP:Flo(Hz)  
MDVP:Jitter(%)  
MDVP:Jitter(Abs)  
MDVP:RAP  
MDVP:PPQ  
Jitter:DDP  
MDVP:Shimmer  
MDVP:Shimmer(dB)  
Shimmer:APQ3  
Shimmer:APQ5  
MDVP:APQ  
Shimmer:DDA  
NHR  
HNR  
RPDE  
DFA  
spread1  
spread2  
D2  
PPE

PPE  
MDVP:Fo(Hz)  
MDVP:Fhi(Hz)  
MDVP:Flo(Hz)  
MDVP:Jitter(%)  
MDVP:Jitter(Abs)  
MDVP:RAP  
MDVP:PPQ  
Jitter:DDP  
MDVP:Shimmer  
MDVP:Shimmer(dB)  
Shimmer:APQ3  
Shimmer:APQ5  
MDVP:APQ  
Shimmer:DDA  
NHR  
HNR  
RPDE  
DFA  
spread1  
spread2  
D2

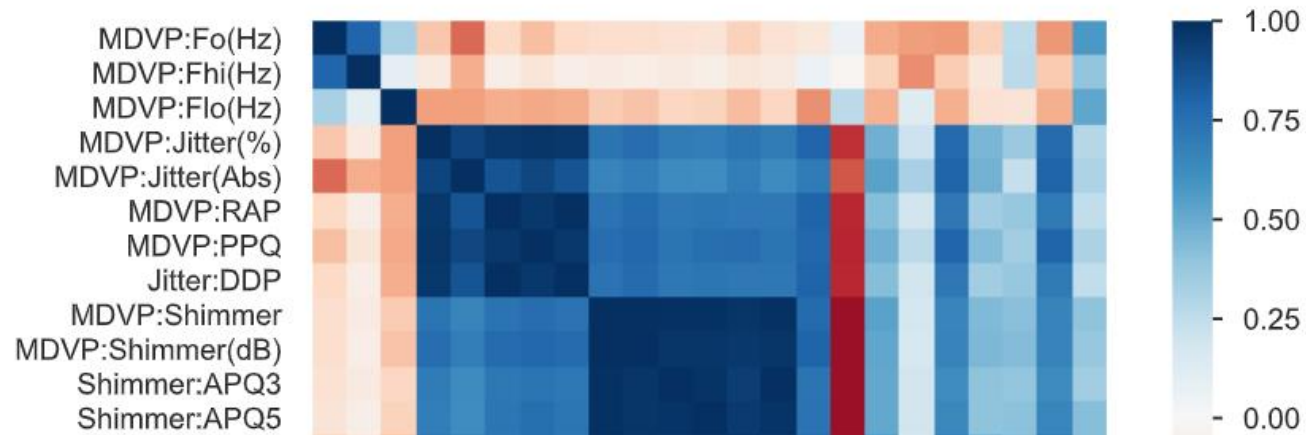


## Correlations

Auto

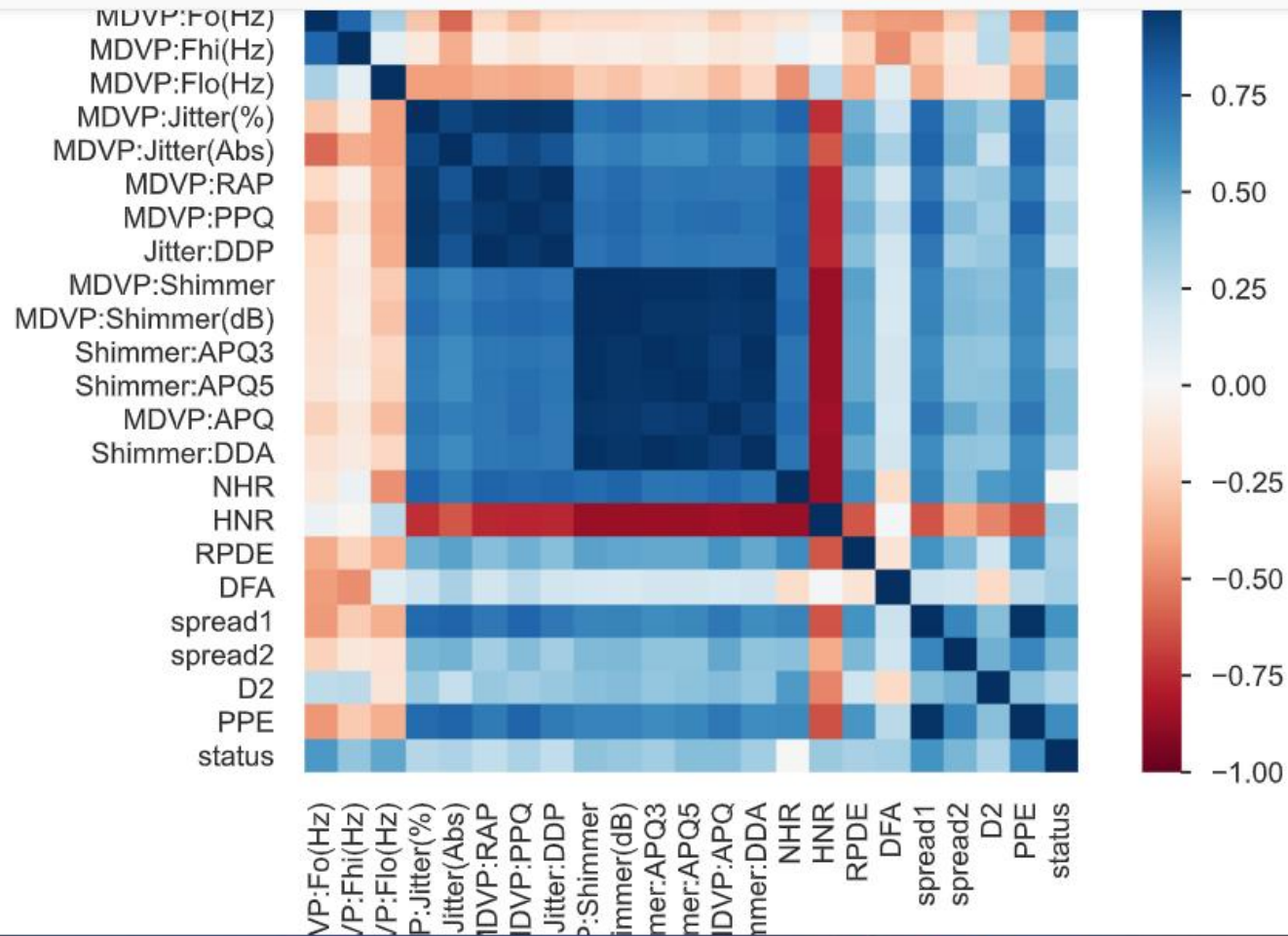
Heatmap

Table



## Pandas Profiling Report

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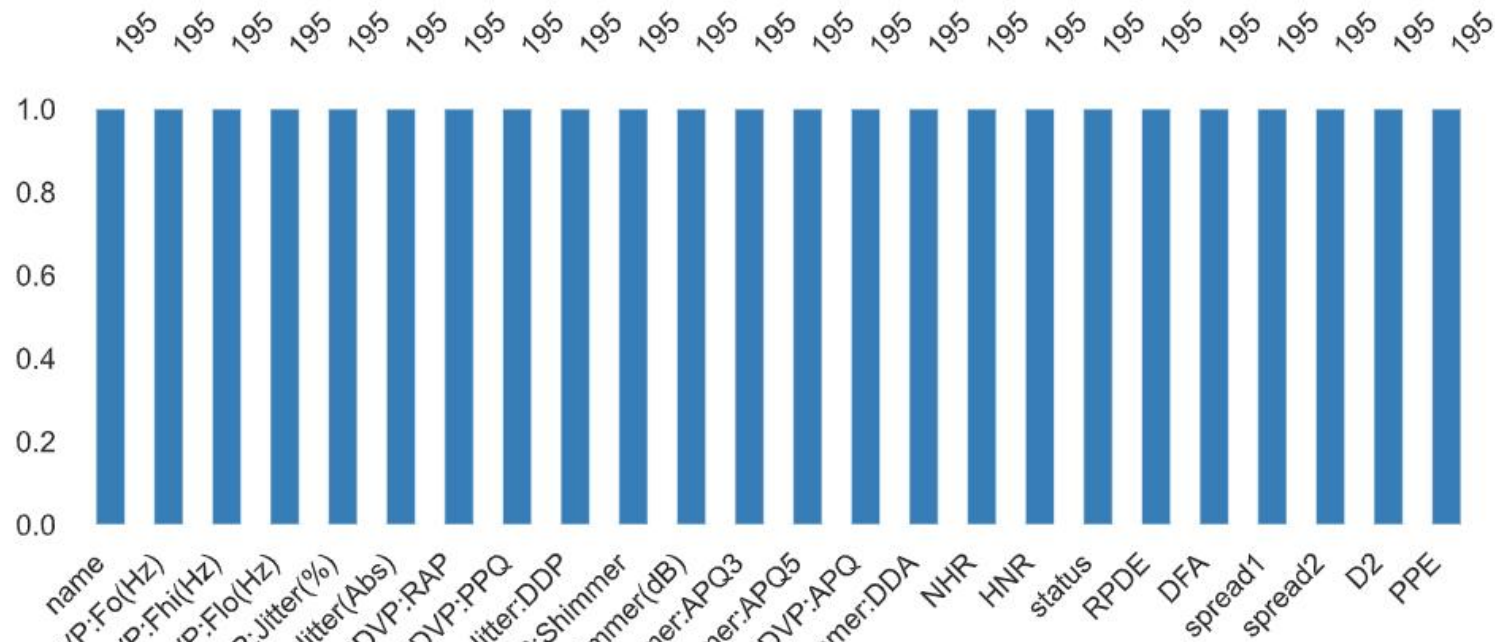
Pandas Profiling Report

Overview Variables Interactions Correlations Missing values Sample

# Missing values

Count

Matrix





# Sample

First rows Last rows

	name	MDVP:Fo(Hz)	MDVP:Fhi(Hz)	MDVP:Flo(Hz)	MDVP:Jitter(%)	MDVP:Jitter(Abs)	MDVP:RAP	MDVP:PPQ	Jitter:DDP	MDVP:Shimr
0	phon_R01_S01_1	119.992	157.302	74.997	0.00784	0.00007	0.00370	0.00554	0.01109	0.04374
1	phon_R01_S01_2	122.400	148.650	113.819	0.00968	0.00008	0.00465	0.00696	0.01394	0.06134
2	phon_R01_S01_3	116.682	131.111	111.555	0.01050	0.00009	0.00544	0.00781	0.01633	0.05233
3	phon_R01_S01_4	116.676	137.871	111.366	0.00997	0.00009	0.00502	0.00698	0.01505	0.05492
4	phon_R01_S01_5	116.014	141.781	110.655	0.01284	0.00011	0.00655	0.00908	0.01966	0.06425
5	phon_R01_S01_6	120.552	131.162	113.787	0.00968	0.00008	0.00463	0.00750	0.01388	0.04701
6	phon_R01_S02_1	120.267	137.244	114.820	0.00333	0.00003	0.00155	0.00202	0.00466	0.01608
7	phon_R01_S02_2	107.332	113.840	104.315	0.00290	0.00003	0.00144	0.00182	0.00431	0.01567
8	phon_R01_S02_3	95.730	132.068	91.754	0.00551	0.00006	0.00293	0.00332	0.00880	0.02093
9	phon_R01_S02_4	95.056	120.103	91.226	0.00532	0.00006	0.00268	0.00332	0.00803	0.02838