

✓ Descritiva Base de Dados (SINASC - 2020)

Data: 23/04/2023

Autor : Ana Paula Vanderley

Fonte de Dados : <https://opendatasus.saude.gov.br/>

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```
⇒ Collecting columns
  Downloading columns-0.0.2-py3-none-any.whl.metadata (1.0 kB)
  Downloading columns-0.0.2-py3-none-any.whl (3.2 kB)
  Installing collected packages: columns
  Successfully installed columns-0.0.2
```

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✓ INFORMAÇÕES SOBRE O BANCO DE DADOS

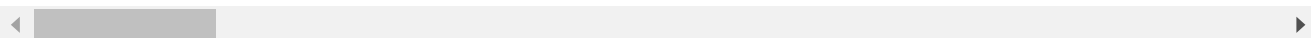
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```
⇒ Total de registros: 10000
  Total de variáveis: 61
```

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	ORIGEM	CODESTAB	CODMUNNASC	LOCNASC	IDADEMAE	ESTCIVMAE	ESCMAE	CODOCUPMAE	QTDFILVIVO
0	1	6205224.0	110020	1	34.0	2.0	5.0	251605.0	1.0
1	1	NaN	110020	4	18.0	1.0	9.0	999992.0	1.0
2	1	3970442.0	110020	1	26.0	2.0	5.0	422105.0	NaN
3	1	5701929.0	120001	1	29.0	5.0	4.0	999992.0	2.0
4	1	5701929.0	120001	1	20.0	5.0	4.0	999992.0	0.0
5	1	5701929.0	120001	1	20.0	5.0	4.0	999992.0	1.0
6	1	5701929.0	120001	1	16.0	5.0	4.0	999991.0	2.0
7	1	NaN	120001	4	36.0	1.0	2.0	622020.0	4.0
8	1	2001020.0	120005	2	20.0	5.0	4.0	999992.0	1.0
9	1	2001020.0	120005	2	27.0	5.0	4.0	622105.0	2.0



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5	ESTCIVMAE	9909	non-null	float64
6	ESCMAE	9962	non-null	float64
7	CODOCUPMAE	8896	non-null	float64
8	QTDFILVIVO	9282	non-null	float64
9	QTDFILMORT	8499	non-null	float64
10	CODMUNRES	10000	non-null	int64
11	GESTACAO	9657	non-null	float64
12	GRAVIDEZ	9991	non-null	float64
13	PARTO	9992	non-null	float64
14	CONSULTAS	10000	non-null	int64
15	DTNASC	10000	non-null	int64
16	HORANASC	9978	non-null	float64
17	SEXO	10000	non-null	int64
18	APGAR1	9562	non-null	float64
19	APGAR5	9559	non-null	float64
20	RACACOR	9732	non-null	float64
21	PESO	9885	non-null	float64
22	IDANOMAL	9608	non-null	float64
23	DTCADASTRO	10000	non-null	int64
24	CODANOMAL	54	non-null	object
25	NUMEROLOTE	9797	non-null	float64
26	VERSAOSIST	9797	non-null	object
27	DTRECEBIM	9797	non-null	float64
28	DIFDATA	10000	non-null	int64
29	DTRECORIGA	0	non-null	float64
30	NATURALMAE	9879	non-null	float64
31	CODMUNNATU	9879	non-null	float64
32	CODUFNATU	9879	non-null	float64
33	ESCMAE2010	9889	non-null	float64
34	SERIESCMAE	5180	non-null	float64
35	DTNASCMAE	9923	non-null	float64



```
46 IPAPRESENI 9908 non-null float64
47 STTRABPART 9886 non-null float64
48 STCESPARTO 9975 non-null float64
49 TPNASCASSI 9913 non-null float64
50 TPFUNCRESP 9911 non-null float64
51 TPDOCRESP 9923 non-null float64
52 DTDECLARAC 9914 non-null float64
53 ESCMAEAGR1 9889 non-null float64
54 STDNEPIDEM 10000 non-null int64
55 STDNNOVA 10000 non-null int64
56 CODPAISRES 9997 non-null float64
57 TPROBSON 10000 non-null int64
58 PARIDADE 10000 non-null int64
59 KOTELCHUCK 10000 non-null int64
60 CONTADOR 10000 non-null int64
dtypes: float64(44), int64(15), object(2)
memory usage: 4.7+ MB
```

✓ TIPOS DE DADOS

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	Tipo
ORIGEM	int64
CODESTAB	float64
CODMUNNASC	int64
LOCNASC	int64
IDADEMAE	float64
ESTCIVMAE	float64
ESCMAE	float64
CODOCUPMAE	float64
QTDFILVIVO	float64
QTDFILMORT	float64
CODMUNRES	int64
GESTACAO	float64
GRAVIDEZ	float64
PARTO	float64
CONSULTAS	int64
DTNASC	int64
HORANASC	float64
SEXO	int64
APGAR1	float64
APGAR5	float64
RACACOR	float64
PESO	float64
IDANOMAL	float64
DTCADASTRO	int64
CODANOMAL	object
NUMEROLOTE	float64
VERSAOSIST	object
DTRECEBIM	float64
DIFDATA	int64
DTRECORIGA	float64
NATURALMAE	float64
CODMUNNATU	float64
CODUFNATU	float64
ESCMAE2010	float64
SERIESCMAE	float64
DTNASCMAE	float64

RACACORMAE	float64
QTDGESTANT	float64
QTDPARTNOR	float64
QTDPARTCES	float64
IDADEPAI	float64
DTULTMENST	float64
SEMAGESTAC	float64
TPMETESTIM	float64
CONSPRENAT	float64
MESPRENAT	float64
TPAPRESENT	float64
STTRABPART	float64
STCESPARTO	float64
TPNASCASSI	float64
TPFUNCRESP	float64
TPDOCRESP	float64
DTDECLARAC	float64
ESCMAEAGR1	float64
STDNEPIDEM	int64
STDNNOVA	int64
CODPAISRES	float64
TPROBSON	int64
PARIDADE	int64
KOTELCHUCK	int64
CONTADOR	int64

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QUANTIDADE DE VARIÁVEIS POR TIPO

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	count
Tipo	
float64	44
int64	15
object	2

dtype: int64

LISTA DE VARIÁVEIS POR TIPO

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```
int64:
['ORIGEM', 'CODMUNNASC', 'LOCNASC', 'CODMUNRES', 'CONSULTAS', 'DTNASC', 'SEXO', 'DTCADASTRO', '

float64:
['CODESTAB', 'IDADEMAE', 'ESTCIVMAE', 'ESMAE', 'CODOCUPMAE', 'QTDFILVIVO', 'QTDFILMORT', 'GEST

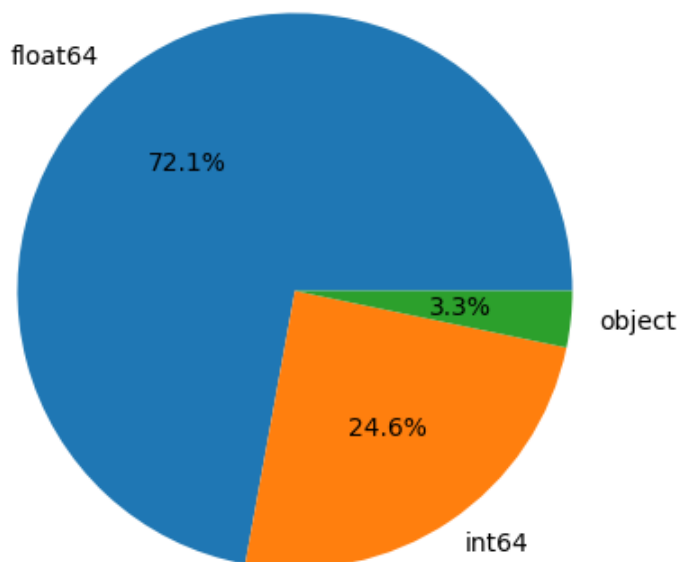
object:
['CODANOMAL', 'VERSAOSIST']
```



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Tipos de dados Originais



✓ COMPLETUDE DA BASE

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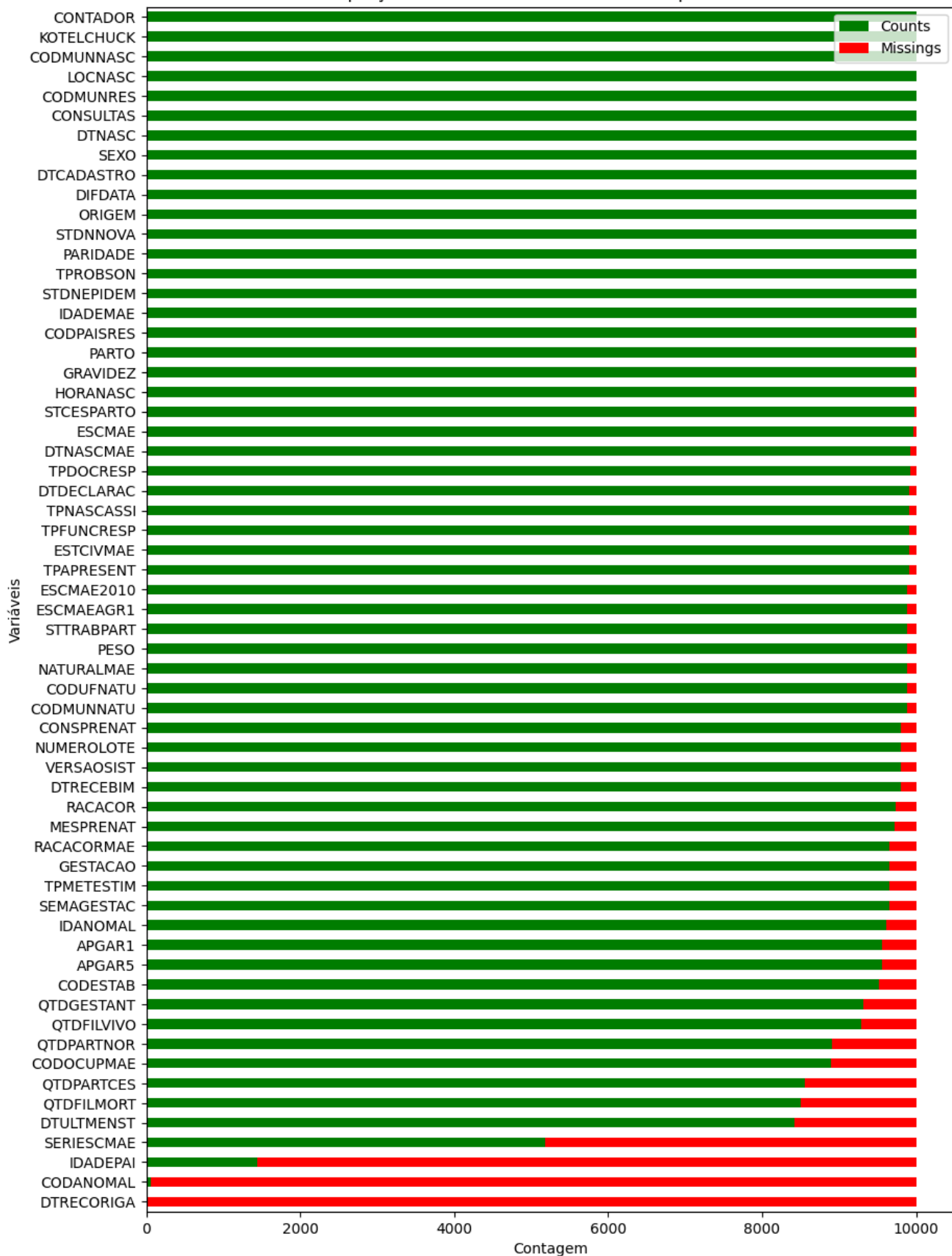
	Counts	Missings
ORIGEM	10000	0
CODESTAB	9518	482
CODMUNNASC	10000	0
LOCNASC	10000	0
IDADEMAE	9999	1
ESTCIVMAE	9909	91
ESCMAE	9962	38
CODOCUPMAE	8896	1104
QTDFILVIVO	9282	718
QTDFILMORT	8499	1501
CODMUNRES	10000	0
GESTACAO	9657	343
GRAVIDEZ	9991	9
PARTO	9992	8
CONSULTAS	10000	0
DTNASC	10000	0
HORANASC	9978	22
SEXO	10000	0
APGAR1	9562	438
APGAR5	9559	441
RACACOR	9732	268
PESO	9885	115
IDANOMAL	9608	392
DTCADASTRO	10000	0
CODANOMAL	54	9946
NUMEROLOTE	9797	203
VERSAOSIST	9797	203
DTRECEBIM	9797	203
DIFDATA	10000	0
DTRECORIGA	0	10000
NATURALMAE	9879	121
CODMUNNATU	9879	121
CODUFNATU	9879	121
ESCMAE2010	9889	111
SERIESCMAE	5180	4820
DTNASCMAE	9923	77

RACACORMAE	9659	341
QTDGESTANT	9315	685
QTDPARTNOR	8903	1097
QTDPARTCES	8560	1440
IDADEPAI	1436	8564
DTULTMENST	8422	1578
SEMAGESTAC	9657	343
TPMETESTIM	9657	343
CONSPRENAT	9802	198
MESPRENAT	9719	281
TPAPRESENT	9908	92
STTRABPART	9886	114
STCESPARTO	9975	25
TPNASCASSI	9913	87
TPFUNCRESP	9911	89
TPDOCRESP	9923	77
DTDECLARAC	9914	86
ESCMAEAGR1	9889	111
STDNEPIDEM	10000	0
STDNNOVA	10000	0
CODPAISRES	9997	3
TPROBSON	10000	0
PARIDADE	10000	0
KOTELCHUCK	10000	0
CONTADOR	10000	0

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Proporção de Valores e Valores Ausentes por Variável



✓ INFERINDO O TIPO DE DADOS PARA OTIMIZAÇÃO DE MÉMORIA

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 Variáveis sem preenchimento:

	Counts	Missings
DTRECORIGA	0	10000

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✓ TIPOS DE DADOS APÓS A INFERENCIA

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	Tipo
ORIGEM	category
CODESTAB	category
CODMUNNASC	category
LOCNASC	category
IDADEMAE	category
ESTCIVMAE	category
ESCMAE	category
CODOCUPMAE	float32
QTDFILVIVO	category
QTDFILMORT	category
CODMUNRES	category
GESTACAO	category
GRAVIDEZ	category
PARTO	category
CONSULTAS	category
DTNASC	datetime64[ns]
HORANASC	float32
SEXO	category
APGAR1	category
APGAR5	category
RACACOR	category
PESO	float32
IDANOMAL	category
DTCADASTRO	datetime64[ns]
CODANOMAL	category
NUMEROLOTE	float64
VERSAOSIST	category
DTRECEBIM	datetime64[ns]
DIFDATA	int16
NATURALMAE	category
CODMUNNATU	float32
CODUFNATU	category
ESCMAE2010	category
SERIESCMAE	category
DTNASCMAE	datetime64[ns]
RACACORMAE	category

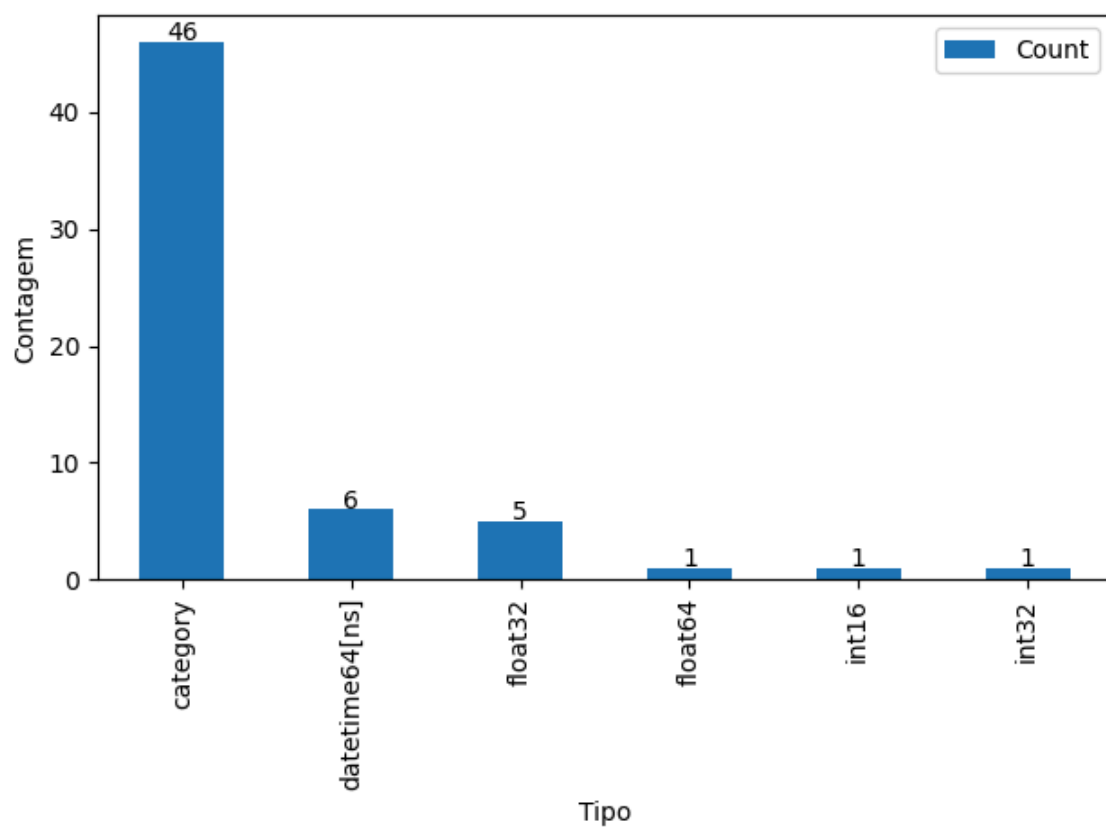
QTDGESTANT	category
QTDPARTNOR	category
QTDPARTCES	category
IDADEPAI	float32
DTULTMENST	datetime64[ns]
SEMAGESTAC	category
TPMETESTIM	category
CONSPRENAT	category
MESPRENAT	category
TPAPRESENT	category
STTRABPART	category
STCESPARTO	category
TPNASCASSI	category
TPFUNCRESP	category
TPDOCRESP	category
DTDECLARAC	datetime64[ns]
ESCMAEAGR1	category
STDNEPIDEM	category
STDNNOVA	category
CODPAISRES	category
TPROBSON	category
PARIDADE	category
KOTELCHUCK	category
CONTADOR	int32

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	Tipo	Count
0	category	46
1	datetime64[ns]	6
2	float32	5
3	float64	1
4	int16	1
5	int32	1

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✓ NULOS

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Valores Nulos Porcentagem de Nulos

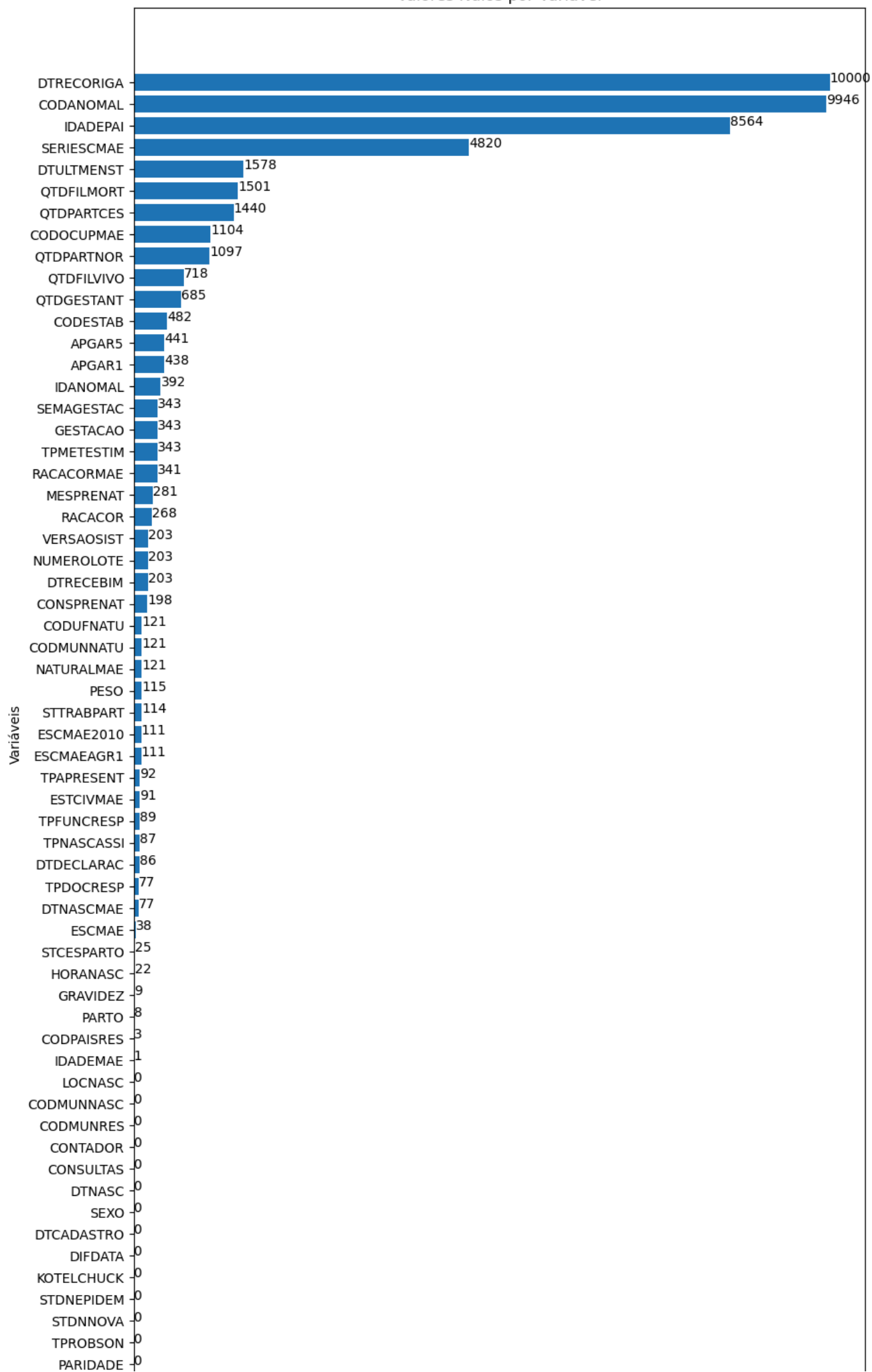
ORIGEM	0	0.00%
CODESTAB	482	4.82%
CODMUNNASC	0	0.00%
LOCNASC	0	0.00%
IDADEMAE	1	0.01%
ESTCIVMAE	91	0.91%
ESCMAE	38	0.38%
CODOCUPMAE	1104	11.04%
QTDFILVIVO	718	7.18%
QTDFILMORT	1501	15.01%
CODMUNRES	0	0.00%
GESTACAO	343	3.43%
GRAVIDEZ	9	0.09%
PARTO	8	0.08%
CONSULTAS	0	0.00%
DTNASC	0	0.00%
HORANASC	22	0.22%
SEXO	0	0.00%
APGAR1	438	4.38%
APGAR5	441	4.41%
RACACOR	268	2.68%
PESO	115	1.15%
IDANOMAL	392	3.92%
DTCADASTRO	0	0.00%
CODANOMAL	9946	99.46%
NUMEROLOTE	203	2.03%
VERSAOSIST	203	2.03%
DTRECEBIM	203	2.03%
DIFDATA	0	0.00%
DTRECORIGA	10000	nan%
NATURALMAE	121	1.21%
CODMUNNATU	121	1.21%
CODUFNATU	121	1.21%
ESCMAE2010	111	1.11%
SERIESCMAE	4820	48.20%
DTNASCMAE	77	0.77%

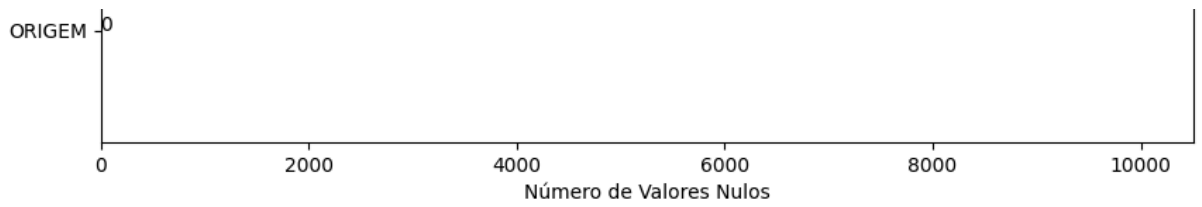
RACACORMAE	341	3.41%
QTDGESTANT	685	6.85%
QTDPARTNOR	1097	10.97%
QTDPARTCES	1440	14.40%
IDADEPAI	8564	85.64%
DTULTMENST	1578	15.78%
SEMAGESTAC	343	3.43%
TPMETESTIM	343	3.43%
CONSPRENAT	198	1.98%
MESPRENAT	281	2.81%
TPAPRESENT	92	0.92%
STTRABPART	114	1.14%
STCESPARTO	25	0.25%
TPNASCASSI	87	0.87%
TPFUNCRESP	89	0.89%
TPDOCRESP	77	0.77%
DTDECLARAC	86	0.86%
ESCMAEAGR1	111	1.11%
STDNEPIDEM	0	0.00%
STDNNOVA	0	0.00%
CODPAISRES	3	0.03%
TPROBSON	0	0.00%
PARIDADE	0	0.00%
KOTELCHUCK	0	0.00%
CONTADOR	0	0.00%

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Valores Nulos por Variável





✓ MEDIDAS ESTATÍSTICAS

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	Valor Mínimo	Valor Máximo	Amplitude	Média	Desvio Padrão	Coeficiente de Variação	Va
CODOCUPMAE	21205.0	999994.0	978789.0	8.859386e+05	225231.921875	0.254230	5.072
HORANASC	0.0	2359.0	2359.0	1.308525e+03	648.731506	0.495773	4.208
PESO	102.0	5608.0	5506.0	3.223345e+03	567.123779	0.175943	3.216
NUMEROLOTE	20200001.0	20220005.0	20004.0	2.020293e+07	6709.686844	0.000332	4.501
DIFDATA	0.0	793.0	793.0	1.072409e+02	201.528039	1.879209	4.061
CODMUNNATU	110001.0	530010.0	420009.0	1.238219e+05	31143.494141	0.251518	9.699
IDADEPAI	9.0	73.0	64.0	3.041086e+01	8.513797	0.279959	7.248



✓ MEDIDAS PARA VARIÁVEIS CATEGORICAS

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Coluna: ORIGEM

Valores únicos: [1]

```
Categories (1, int64): [1]
```

Valor da moda: 1

ORIGEM		Frequência
0	1	10000

Coluna: CODESTAB

Valores únicos: [6205224.0, NaN, 3970442.0, 5701929.0, 2001020.0, ..., 9194258.0, 2519356.0, 25

Length: 30

```
Categories (29, float64): [2000024.0, 2000083.0, 2000121.0, 2000296.0, ..., 5858208.0, 6205224.0, 6497314.0, 9194258.0]
```

Valor da moda: 2000296.0

	CODESTAB	Frequência
0	2000296.0	2602
1	2000733.0	2372
2	2002078.0	1623
3	2001500.0	882
4	2000636.0	616
5	2000121.0	549
6	NaN	482
7	2000865.0	227
8	2001594.0	109
9	2000970.0	87
10	2000083.0	84
11	5661714.0	70
12	2001020.0	68
13	2000393.0	44
14	5353947.0	38
15	2000997.0	33
16	2000024.0	26
17	5858208.0	25
18	2000725.0	23
19	6497314.0	17
20	5701929.0	11
21	2000822.0	3
22	6205224.0	2
23	2519356.0	1
24	3590992.0	1
25	3970442.0	1
26	2001071.0	1
27	2000954.0	1

28 9194258.0 1

29 2516284.0 1

Coluna: CODMUNNASC

Valores únicos: [110020, 120001, 120005, 120010, 120025, ..., 120050, 120070, 354880, 520870, 1
Length: 25

Categories (25, int64): [110015, 110020, 120001, 120005, ..., 120070, 354880, 420730, 520870]

Valor da moda: 120040

	CODMUNNASC	Frequência
0	120040	4020
1	120020	2634
2	120010	888
3	120030	693
4	120060	605
5	120050	235
6	120035	185
7	120034	140
8	120032	117
9	120033	96
10	120005	91
11	120039	89
12	120070	47
13	120043	40
14	120038	36
15	120042	31
16	120045	24
17	120001	14
18	110020	5
19	120025	4
20	120017	2
21	420730	1
22	110015	1
23	354880	1
24	520870	1

Coluna: LOCNASC

Valores únicos: [1, 4, 2, 3, 9, 5]

Categories (6, int64): [1, 2, 3, 4, 5, 9]

Valor da moda: 1

	LOCNASC	Frequência
0	1	9286
1	3	247

2	2	232
3	5	166
4	4	44
5	9	25

Coluna: IDADEMAE

Valores únicos: [34.0, 18.0, 26.0, 29.0, 20.0, ..., NaN, 50.0, 12.0, 47.0, 56.0]

Length: 41

Categories (40, float64): [11.0, 12.0, 13.0, 14.0, ..., 47.0, 48.0, 50.0, 56.0]

Valor da moda: 20.0

	IDADEMAE	Frequência
0	20.0	595
1	19.0	571
2	22.0	562
3	18.0	556
4	21.0	554
5	24.0	503
6	17.0	498
7	23.0	497
8	26.0	439
9	25.0	428
10	28.0	410
11	27.0	403
12	30.0	396
13	16.0	381
14	31.0	358
15	29.0	354
16	32.0	299
17	33.0	282
18	34.0	268
19	15.0	263
20	35.0	252
21	36.0	218
22	37.0	198
23	39.0	149
24	38.0	148
25	40.0	108
26	14.0	98
27	41.0	68
28	42.0	40

28	42.0	40
29	13.0	28
30	43.0	20
31	44.0	16
32	45.0	11
33	12.0	6
34	46.0	5
35	48.0	3
36	11.0	3
37	47.0	1
38	50.0	1
39	56.0	1
40	NaN	1

Coluna: ESTCIVMAE

Valores únicos: [2.0, 1.0, 5.0, 9.0, NaN, 4.0, 3.0]

Categories (6, float64): [1.0, 2.0, 3.0, 4.0, 5.0, 9.0]

Valor da moda: 5.0

	ESTCIVMAE	Frequência
0	5.0	5243
1	1.0	2449
2	2.0	2039
3	9.0	94
4	NaN	91
5	4.0	64
6	3.0	20

Coluna: ESCMAE

Valores únicos: [5.0, 9.0, 4.0, 2.0, 3.0, 1.0, NaN]

Categories (6, float64): [1.0, 2.0, 3.0, 4.0, 5.0, 9.0]

Valor da moda: 4.0

	ESCMAE	Frequência
0	4.0	5289
1	3.0	2363
2	5.0	1445
3	2.0	495
4	1.0	334
5	NaN	38
6	9.0	36

Coluna: QTDFILVIVO

Valores únicos: [1.0, NaN, 2.0, 0.0, 4.0, ..., 7.0, 11.0, 16.0, 14.0, 12.0]

Length: 16

Categories (15, float64): [0.0, 1.0, 2.0, 3.0, ..., 11.0, 12.0, 14.0, 16.0]

Valor da moda: 0.0

valor da moda: 0.0

	QTDFILVIVO	Frequência
0	0.0	3010
1	1.0	2751
2	2.0	1528
3	3.0	802
4	NaN	718
5	4.0	460
6	5.0	273
7	6.0	191
8	7.0	109
9	8.0	84
10	9.0	32
11	10.0	21
12	11.0	16
13	12.0	2
14	14.0	2
15	16.0	1

Coluna: QTDFILMORT
Valores únicos: [1.0, 0.0, NaN, 2.0, 3.0, 4.0, 5.0, 6.0]
Categories (7, float64): [0.0, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0]
Valor da moda: 0.0

	QTDFILMORT	Frequência
0	0.0	6665
1	NaN	1501
2	1.0	1431
3	2.0	312
4	3.0	70
5	4.0	13
6	5.0	5
7	6.0	3

Coluna: CODMUNRES
Valores únicos: [120040, 120001, 120005, 120025, 120010, ..., 120038, 120045, 120050, 120080, 120020, 120030, 120060, 120070, 120080]
Length: 22
Categories (22, int64): [120001, 120005, 120010, 120013, ..., 120050, 120060, 120070, 120080]
Valor da moda: 120040

	CODMUNRES	Frequência
0	120040	2915
1	120020	1680
2	120030	741
3	120060	605

	-----	----
4	120010	501
5	120033	419
6	120035	333
7	120042	318
8	120050	315
9	120025	269
10	120039	224
11	120034	201
12	120005	201
13	120070	198
14	120045	192
15	120080	182
16	120032	163
17	120038	160
18	120013	116
19	120001	112
20	120017	89
21	120043	66

Coluna: GESTACAO

Valores únicos: [5.0, NaN, 4.0, 6.0, 3.0, 2.0, 1.0]

Categories (6, float64): [1.0, 2.0, 3.0, 4.0, 5.0, 6.0]

Valor da moda: 5.0

	GESTACAO	Frequência
0	5.0	7606
1	4.0	1337
2	6.0	518
3	NaN	343
4	3.0	132
5	2.0	60
6	1.0	4

Coluna: GRAVIDEZ

Valores únicos: [1.0, 2.0, 3.0, 9.0, NaN]

Categories (4, float64): [1.0, 2.0, 3.0, 9.0]

Valor da moda: 1.0

	GRAVIDEZ	Frequência
0	1.0	9790
1	2.0	196
2	NaN	9
3	9.0	4

Coluna: PARTO
Valores únicos: [2.0, 1.0, 9.0, NaN]
Categories (3, float64): [1.0, 2.0, 9.0]
Valor da moda: 1.0

	PARTO	Frequência
0	1.0	5492
1	2.0	4496
2	NaN	8
3	9.0	4

Coluna: CONSULTAS
Valores únicos: [4, 1, 3, 2, 9]
Categories (5, int64): [1, 2, 3, 4, 9]
Valor da moda: 4

	CONSULTAS	Frequência
0	4	4743
1	3	3482
2	2	1537
3	1	225
4	9	13

Coluna: SEXO
Valores únicos: [2, 1]
Categories (2, int64): [1, 2]
Valor da moda: 1

	SEXO	Frequência
0	1	5140
1	2	4860

Coluna: APGAR1
Valores únicos: [9.0, NaN, 4.0, 8.0, 7.0, ..., 5.0, 3.0, 1.0, 2.0, 0.0]
Length: 12
Categories (11, float64): [0.0, 1.0, 2.0, 3.0, ..., 7.0, 8.0, 9.0, 10.0]
Valor da moda: 8.0

	APGAR1	Frequência
0	8.0	4823
1	9.0	3616
2	7.0	596
3	NaN	438
4	6.0	178
5	10.0	114
6	5.0	91
7	3.0	55
8	4.0	45
9	2.0	24

9	2.0	51
10	1.0	11
11	0.0	2

Coluna: APGAR5

Valores únicos: [10.0, NaN, 9.0, 8.0, 5.0, ..., 7.0, 3.0, 4.0, 2.0, 0.0]

Length: 12

Categories (11, float64): [0.0, 1.0, 2.0, 3.0, ..., 7.0, 8.0, 9.0, 10.0]

Valor da moda: 9.0

	APGAR5	Frequência
0	9.0	5022
1	10.0	3873
2	8.0	450
3	NaN	441
4	7.0	103
5	6.0	45
6	5.0	32
7	3.0	11
8	1.0	8
9	4.0	8
10	2.0	4
11	0.0	3

Coluna: RACACOR

Valores únicos: [1.0, 4.0, 5.0, 2.0, NaN, 3.0]

Categories (5, float64): [1.0, 2.0, 3.0, 4.0, 5.0]

Valor da moda: 4.0

	RACACOR	Frequência
0	4.0	8546
1	5.0	497
2	1.0	460
3	NaN	268
4	2.0	161
5	3.0	68

Coluna: IDANOMAL

Valores únicos: [2.0, NaN, 9.0, 1.0]

Categories (3, float64): [1.0, 2.0, 9.0]

Valor da moda: 2.0

	IDANOMAL	Frequência
0	2.0	9396
1	NaN	392
2	9.0	158
3	1.0	54

Coluna: CODANOMAL

Valores únicos: [NaN, 'Q699', 'Q675', 'Q664', 'Q525', ..., 'Q668Q670Q681', 'Q666', 'Q375', 'Q66']
Length: 41

Categories (40, object): ['Q000', 'Q039', 'Q160', 'Q170', ..., 'Q793', 'Q878', 'Q900', 'Q909']

Valor da moda: Q170

	CODANOMAL	Frequência
0	NaN	9946
1	Q170	5
2	Q699	5
3	Q690	3
4	Q909	3
5	Q900	2
6	Q660	2
7	Q668	1
8	Q668Q670Q681	1
9	Q670	1
10	Q675	1
11	Q681	1
12	Q700	1
13	Q690Q692	1
14	Q665	1
15	Q713	1
16	Q714	1
17	Q743	1
18	Q793	1
19	Q878	1
20	Q666	1
21	Q000	1
22	Q664	1
23	Q375	1
24	Q160	1
25	Q170Q172	1
26	Q172	1
27	Q174Q749Q898	1
28	Q211Q250Q909	1
29	Q353Q870	1
30	Q359Q379	1
31	Q422	1
32	Q039	1
33	Q100	1

33	Q423	1
34	Q525	1
35	Q541	1
36	Q543Q793	1
37	Q564	1
38	Q620Q621	1
39	Q620Q642	1
40	Q660Q870	1

Coluna: VERSAOSIST

Valores únicos: ['3.2.01', NaN, '3.2.50', '3.2.00', '3.2.02']

Categories (4, object): ['3.2.00', '3.2.01', '3.2.02', '3.2.50']

Valor da moda: 3.2.01

	VERSAOSIST	Frequência
0	3.2.01	8752
1	3.2.50	924
2	NaN	203
3	3.2.02	84
4	3.2.00	37

Coluna: NATURALMAE

Valores únicos: [812.0, 811.0, NaN, 851.0, 852.0, ..., 814.0, 841.0, 843.0, 822.0, 826.0]

Length: 26

Categories (25, float64): [811.0, 812.0, 813.0, 814.0, ..., 850.0, 851.0, 852.0, 853.0]

Valor da moda: 812.0

	NATURALMAE	Frequência
0	812.0	9148
1	813.0	423
2	811.0	144
3	NaN	121
4	851.0	21
5	831.0	16
6	815.0	15
7	835.0	14
8	841.0	13
9	823.0	12
10	829.0	11
11	833.0	10
12	821.0	9
13	814.0	6
14	825.0	6
15	850.0	6
16	853.0	6
17	852.0	5
18	816.0	5
19	817.0	5
20	818.0	5
21	819.0	5
22	820.0	5
23	824.0	5
24	827.0	5

16	852.0	6
17	842.0	4
18	824.0	3
19	832.0	3
20	826.0	2
21	827.0	2
22	853.0	2
23	817.0	1
24	822.0	1
25	843.0	1

Coluna: CODUFNATU

Valores únicos: [12.0, 11.0, NaN, 51.0, 52.0, ..., 14.0, 41.0, 43.0, 22.0, 26.0]

Length: 26

Categories (25, float64): [11.0, 12.0, 13.0, 14.0, ..., 50.0, 51.0, 52.0, 53.0]

Valor da moda: 12.0

	CODUFNATU	Frequência
0	12.0	9148
1	13.0	423
2	11.0	144
3	NaN	121
4	51.0	21
5	31.0	16
6	15.0	15
7	35.0	14
8	41.0	13
9	23.0	12
10	29.0	11
11	33.0	10
12	21.0	9
13	14.0	6
14	25.0	6
15	50.0	6
16	52.0	6
17	42.0	4
18	24.0	3
19	32.0	3
20	26.0	2
21	27.0	2
22	53.0	2

23	17.0	1
24	22.0	1
25	43.0	1

Coluna: ESCMAE2010

Valores únicos: [5.0, 9.0, 4.0, 3.0, 2.0, 1.0, NaN, 0.0]

Categories (7, float64): [0.0, 1.0, 2.0, 3.0, 4.0, 5.0, 9.0]

Valor da moda: 3.0

	ESCMAE2010	Frequência
0	3.0	4043
1	2.0	2878
2	1.0	1180
3	5.0	1036
4	4.0	396
5	0.0	321
6	NaN	111
7	9.0	35

Coluna: SERIESCMAE

Valores únicos: [NaN, 2.0, 8.0, 3.0, 4.0, 5.0, 6.0, 7.0, 1.0]

Categories (8, float64): [1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0]

Valor da moda: 3.0

	SERIESCMAE	Frequência
0	NaN	4820
1	3.0	1954
2	8.0	1227
3	4.0	693
4	2.0	350
5	1.0	335
6	5.0	288
7	6.0	178
8	7.0	155

Coluna: RACACORMAE

Valores únicos: [1.0, 4.0, NaN, 5.0, 2.0, 3.0]

Categories (5, float64): [1.0, 2.0, 3.0, 4.0, 5.0]

Valor da moda: 4.0

	RACACORMAE	Frequência
0	4.0	8499
1	5.0	478
2	1.0	454
3	NaN	341
4	2.0	160
5	3.0	68

Coluna: QTDGESTANT

Valores únicos: [2.0, 1.0, NaN, 6.0, 3.0, ..., 12.0, 13.0, 17.0, 14.0, 16.0]

Length: 18

Categories (17, float64): [0.0, 1.0, 2.0, 3.0, ..., 13.0, 14.0, 16.0, 17.0]

Valor da moda: 0.0

	QTDGESTANT	Frequência
0	0.0	2742
1	1.0	2624
2	2.0	1597
3	3.0	941
4	NaN	685
5	4.0	520
6	5.0	323
7	6.0	229
8	7.0	136
9	8.0	85
10	9.0	47
11	10.0	29
12	11.0	23
13	12.0	12
14	14.0	3
15	13.0	2
16	16.0	1
17	17.0	1

Coluna: QTDPARTNOR

Valores únicos: [1.0, NaN, 2.0, 0.0, 4.0, ..., 11.0, 12.0, 16.0, 14.0, 20.0]

Length: 17

Categories (16, float64): [0.0, 1.0, 2.0, 3.0, ..., 12.0, 14.0, 16.0, 20.0]

Valor da moda: 0.0

	QTDPARTNOR	Frequência
0	0.0	4156
1	1.0	1984
2	NaN	1097
3	2.0	1053
4	3.0	633
5	4.0	403
6	5.0	241
7	6.0	178
8	7.0	101
9	8.0	75

10	9.0	38
11	11.0	17
12	10.0	16
13	12.0	4
14	14.0	2
15	16.0	1
16	20.0	1

Coluna: QTDPARTCES

Valores únicos: [1.0, 0.0, NaN, 3.0, 2.0, 4.0, 22.0, 7.0]

Categories (7, float64): [0.0, 1.0, 2.0, 3.0, 4.0, 7.0, 22.0]

Valor da moda: 0.0

	QTDPARTCES	Frequência
0	0.0	6473
1	1.0	1483
2	NaN	1440
3	2.0	464
4	3.0	120
5	4.0	16
6	7.0	2
7	22.0	2

Coluna: SEMAGESTAC

Valores únicos: [38.0, NaN, 39.0, 33.0, 40.0, ..., 28.0, 26.0, 21.0, 25.0, 20.0]

Length: 27

Categories (26, float64): [20.0, 21.0, 22.0, 23.0, ..., 42.0, 43.0, 44.0, 45.0]

Valor da moda: 39.0

	SEMAGESTAC	Frequência
0	39.0	2405
1	40.0	1941
2	38.0	1584
3	37.0	887
4	41.0	789
5	36.0	545
6	NaN	343
7	35.0	337
8	42.0	325
9	34.0	218
10	33.0	138
11	43.0	117
12	32.0	99
13	31.0	53

14	44.0	52
15	30.0	39
16	45.0	24
17	29.0	22
18	28.0	18
19	27.0	17
20	26.0	16
21	23.0	9
22	22.0	8
23	24.0	6
24	25.0	4
25	21.0	3
26	20.0	1

Coluna: TPMETESTIM

Valores únicos: [9.0, NaN, 2.0, 8.0, 1.0]

Categories (4, float64): [1.0, 2.0, 8.0, 9.0]

Valor da moda: 8.0

	TPMETESTIM	Frequência
0	8.0	8422
1	1.0	599
2	9.0	427
3	NaN	343
4	2.0	209

Coluna: CONSPRENAT

Valores únicos: [9.0, NaN, 10.0, 6.0, 7.0, ..., 99.0, 16.0, 39.0, 20.0, 40.0]

Length: 26

Categories (25, float64): [0.0, 1.0, 2.0, 3.0, ..., 38.0, 39.0, 40.0, 99.0]

Valor da moda: 6.0

	CONSPRENAT	Frequência
0	6.0	1414
1	7.0	1334
2	5.0	1163
3	8.0	1148
4	9.0	901
5	4.0	881
6	10.0	770
7	3.0	702
8	2.0	499
9	1.0	326
10	11.0	293

11	NaN	198
12	12.0	144
13	0.0	95
14	13.0	72
15	14.0	30
16	99.0	13
17	15.0	5
18	16.0	4
19	17.0	2
20	18.0	1
21	20.0	1
22	37.0	1
23	38.0	1
24	39.0	1
25	40.0	1

Coluna: MESPRENAT

Valores únicos: [2.0, NaN, 1.0, 3.0, 4.0, ..., 5.0, 9.0, 7.0, 8.0, 99.0]

Length: 11

Categories (10, float64): [1.0, 2.0, 3.0, 4.0, ..., 7.0, 8.0, 9.0, 99.0]

Valor da moda: 2.0

	MESPRENAT	Frequência
0	2.0	2962
1	3.0	2112
2	1.0	1669
3	4.0	1128
4	5.0	804
5	6.0	454
6	NaN	281
7	7.0	245
8	8.0	157
9	99.0	119
10	9.0	69

Coluna: TPAPRESENT

Valores únicos: [1.0, 2.0, NaN, 3.0, 9.0]

Categories (4, float64): [1.0, 2.0, 3.0, 9.0]

Valor da moda: 1.0

	TPAPRESENT	Frequência
0	1.0	9012
1	2.0	746
2	9.0	131

3	NaN	92
4	3.0	19

Coluna: STTRABPART
Valores únicos: [2.0, NaN, 1.0, 9.0]
Categories (3, float64): [1.0, 2.0, 9.0]
Valor da moda: 2.0

	STTRABPART	Frequência
0	2.0	8558
1	1.0	1048
2	9.0	280
3	NaN	114

Coluna: STCESPARTO
Valores únicos: [1.0, 3.0, 2.0, NaN, 9.0]
Categories (4, float64): [1.0, 2.0, 3.0, 9.0]
Valor da moda: 3.0

	STCESPARTO	Frequência
0	3.0	5496
1	2.0	3133
2	1.0	925
3	9.0	421
4	NaN	25

Coluna: TPNASCASSI
Valores únicos: [1.0, 4.0, 2.0, NaN, 3.0, 9.0]
Categories (5, float64): [1.0, 2.0, 3.0, 4.0, 9.0]
Valor da moda: 1.0

	TPNASCASSI	Frequência
0	1.0	7239
1	2.0	2202
2	3.0	255
3	4.0	201
4	NaN	87
5	9.0	16

Coluna: TPFUNCRESP
Valores únicos: [1.0, 2.0, NaN, 4.0, 5.0, 3.0]
Categories (5, float64): [1.0, 2.0, 3.0, 4.0, 5.0]
Valor da moda: 2.0

	TPFUNCRESP	Frequência
0	2.0	7443
1	5.0	2292
2	4.0	157
3	NaN	89
4	1.0	17

5 3.0 2

Coluna: TPDOCRESP

Valores únicos: [2.0, 5.0, 3.0, NaN, 4.0, 1.0, 0.0]

Categories (6, float64): [0.0, 1.0, 2.0, 3.0, 4.0, 5.0]

Valor da moda: 4.0

	TPDOCRESP	Frequência
0	4.0	5318
1	3.0	4308
2	5.0	241
3	NaN	77
4	0.0	49
5	1.0	5
6	2.0	2

Coluna: ESCMAEAGR1

Valores únicos: [8.0, 9.0, 7.0, 5.0, 4.0, ..., 10.0, 3.0, 11.0, 6.0, 12.0]

Length: 14

Categories (13, float64): [0.0, 1.0, 2.0, 3.0, ..., 9.0, 10.0, 11.0, 12.0]

Valor da moda: 6.0

	ESCMAEAGR1	Frequência
0	6.0	1861
1	12.0	1658
2	4.0	1227
3	8.0	1036
4	11.0	1030
5	2.0	693
6	3.0	621
7	5.0	524
8	7.0	396
9	0.0	321
10	1.0	254
11	10.0	233
12	NaN	111
13	9.0	35

Coluna: STDNEPIDEM

Valores únicos: [0]

Categories (1, int64): [0]

Valor da moda: 0

	STDNEPIDEM	Frequência
0	0	10000

Coluna: STDNNOVA

Valores únicos: [1]

Categories (1, int64): [1]

Valor da moda: 1

	STDNNOVA	Frequência
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0	1	10000
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Coluna: CODPAISRES

Valores únicos: [1.0, NaN]

Categories (1, float64): [1.0]

Valor da moda: 1.0

	CODPAISRES	Frequência
--	------------	------------

0	1.0	9997
---	-----	------

1	NaN	3
---	-----	---

Coluna: TPROBSON

Valores únicos: [5, 11, 2, 3, 7, ..., 10, 4, 6, 8, 9]

Length: 11

Categories (11, int64): [1, 2, 3, 4, ..., 8, 9, 10, 11]

Valor da moda: 3

	TPROBSON	Frequência
--	----------	------------

0	3	2978
---	---	------

1	1	2016
---	---	------

2	5	1448
---	---	------

3	10	1235
---	----	------

4	11	516
---	----	-----

5	4	499
---	---	-----

6	7	434
---	---	-----

7	2	414
---	---	-----

8	6	247
---	---	-----

9	8	194
---	---	-----

10	9	19
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Coluna: PARIDADE

Valores únicos: [1, 0]

Categories (2, int64): [0, 1]

Valor da moda: 1

	PARIDADE	Frequência
--	----------	------------

0	1	6685
---	---	------

1	0	3315
---	---	------

Coluna: KOTELCHUCK

Valores únicos: [5, 9, 4, 2, 3, 1]

Categories (6, int64): [1, 2, 3, 4, 5, 9]

Valor da moda: 5

	KOTELCHUCK	Frequência
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0	5	4120
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1	2	3082
---	---	------

2	3	1328
---	---	------

3	4	1059
---	---	------

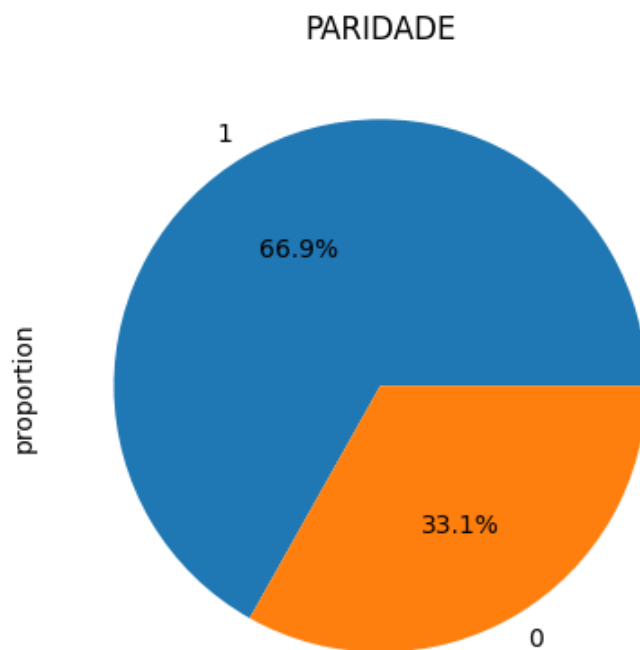
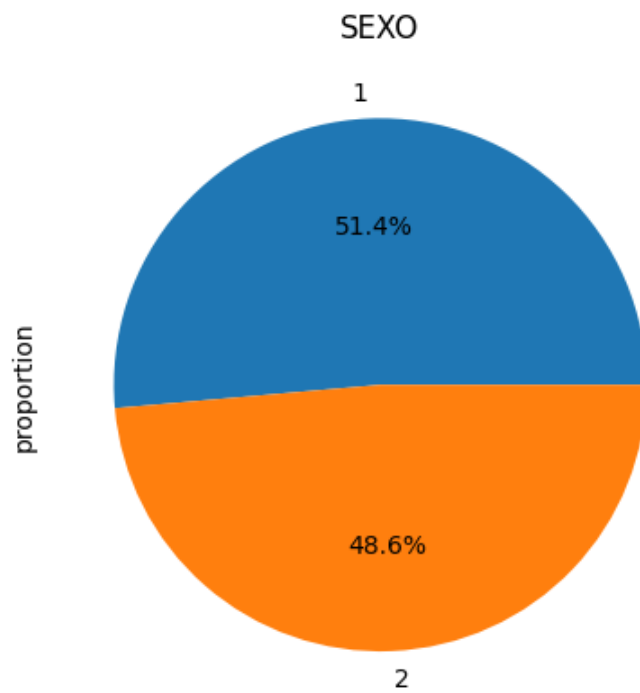
4	9	316
5	1	95



GRÁFICOS

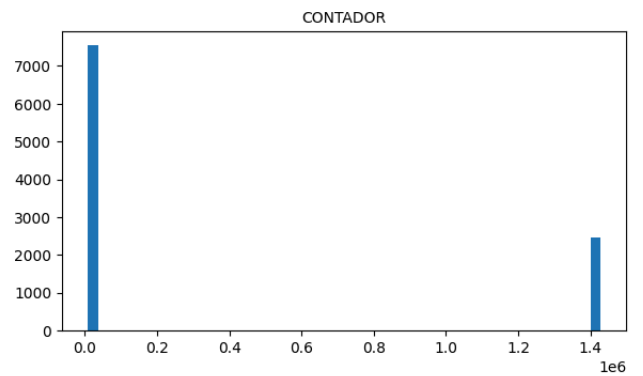
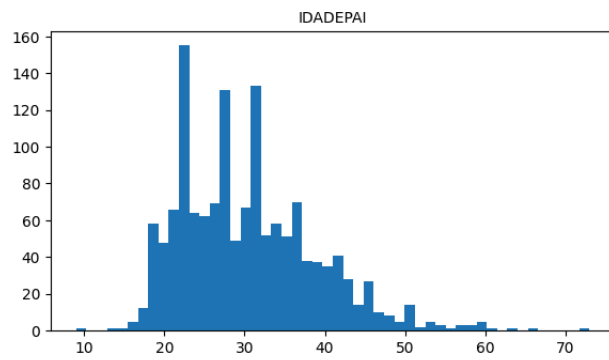
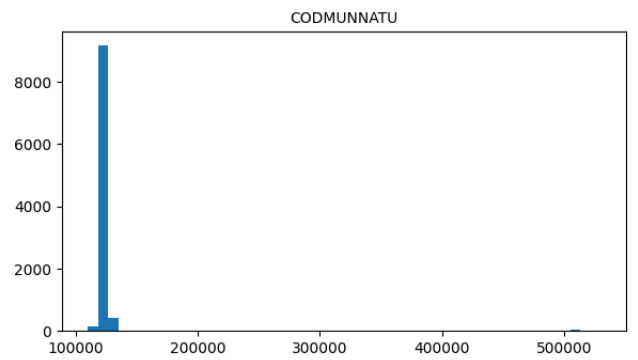
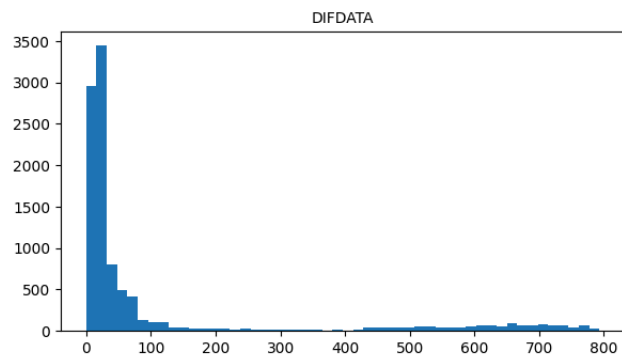
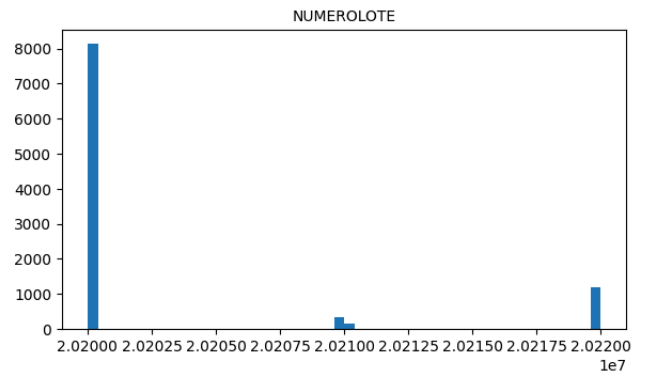
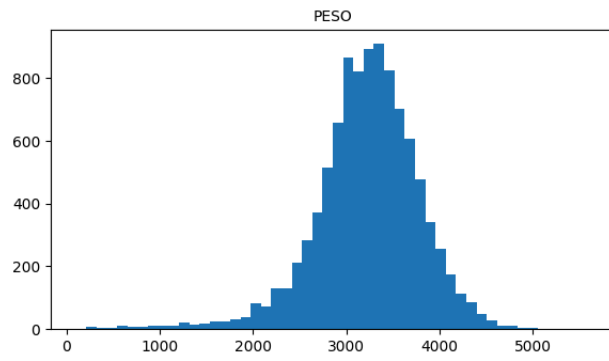
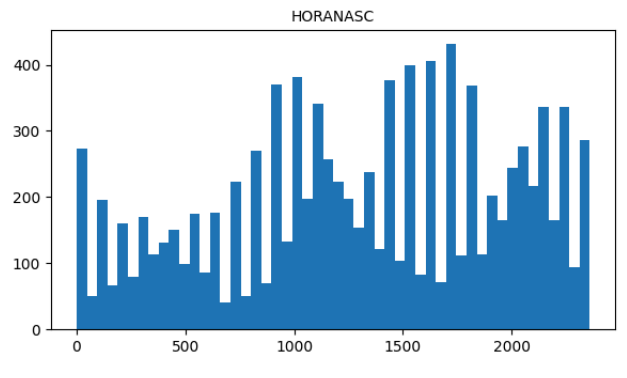
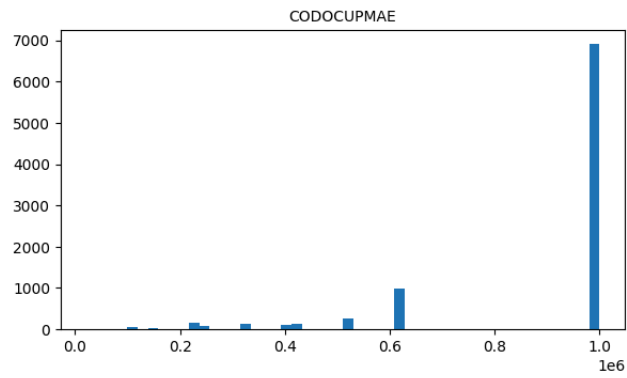
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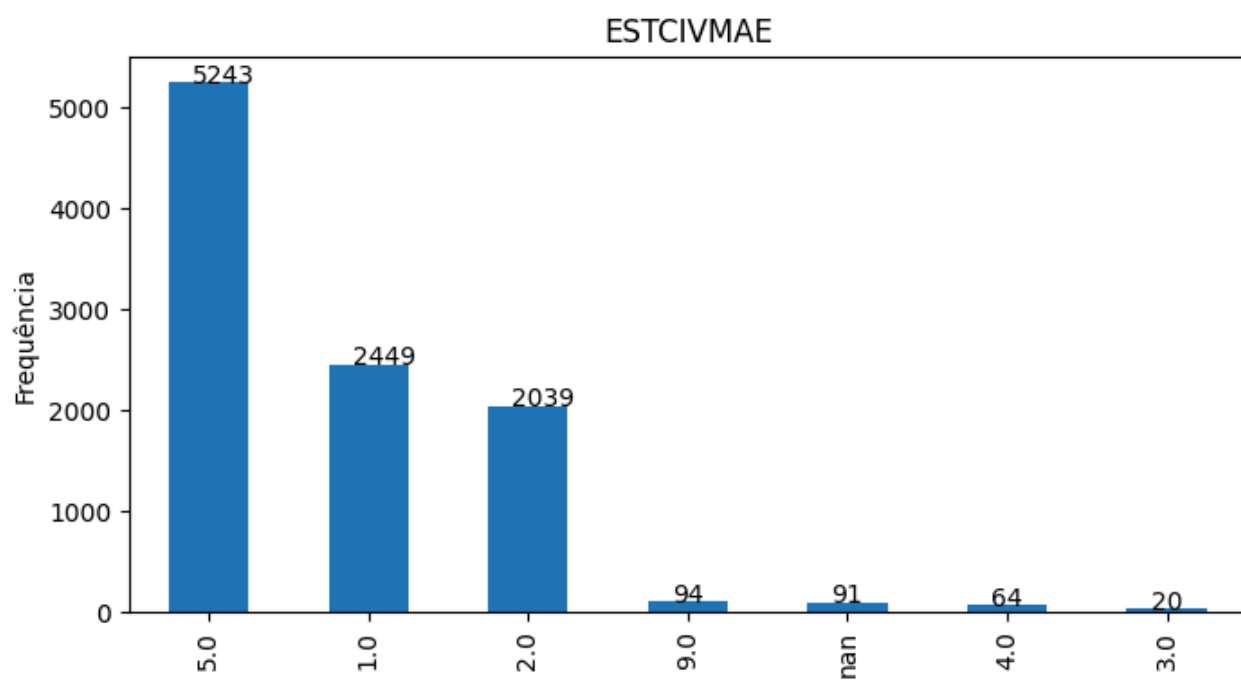
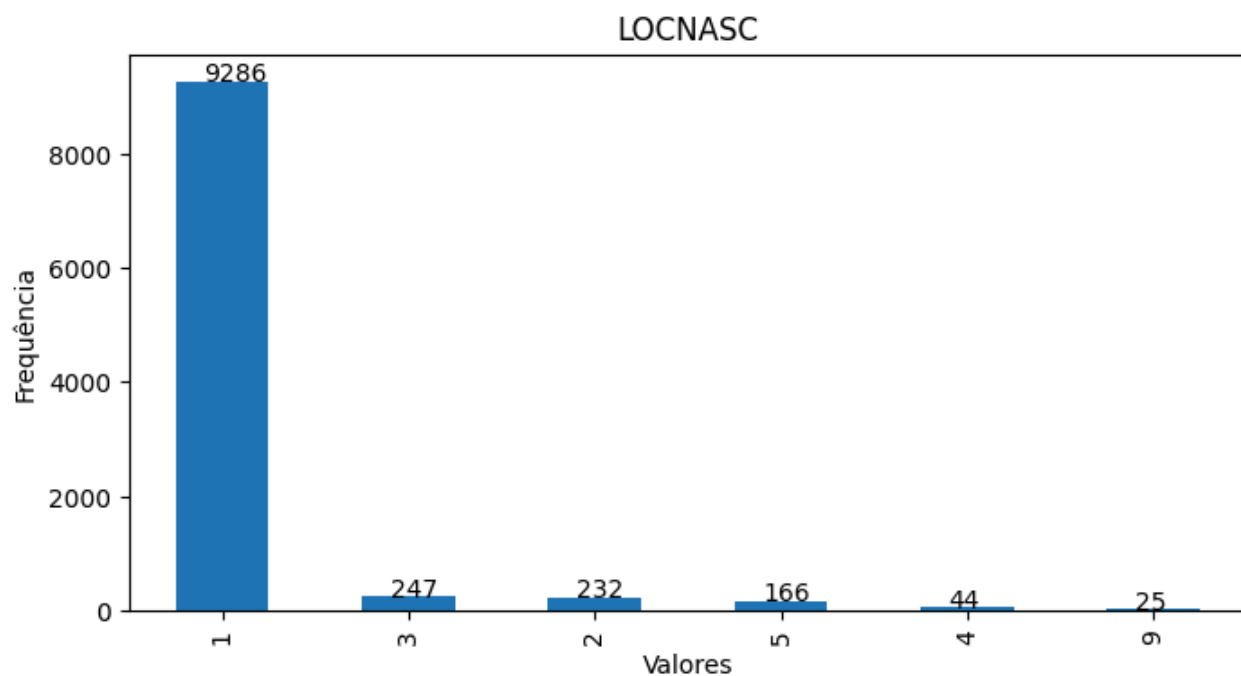
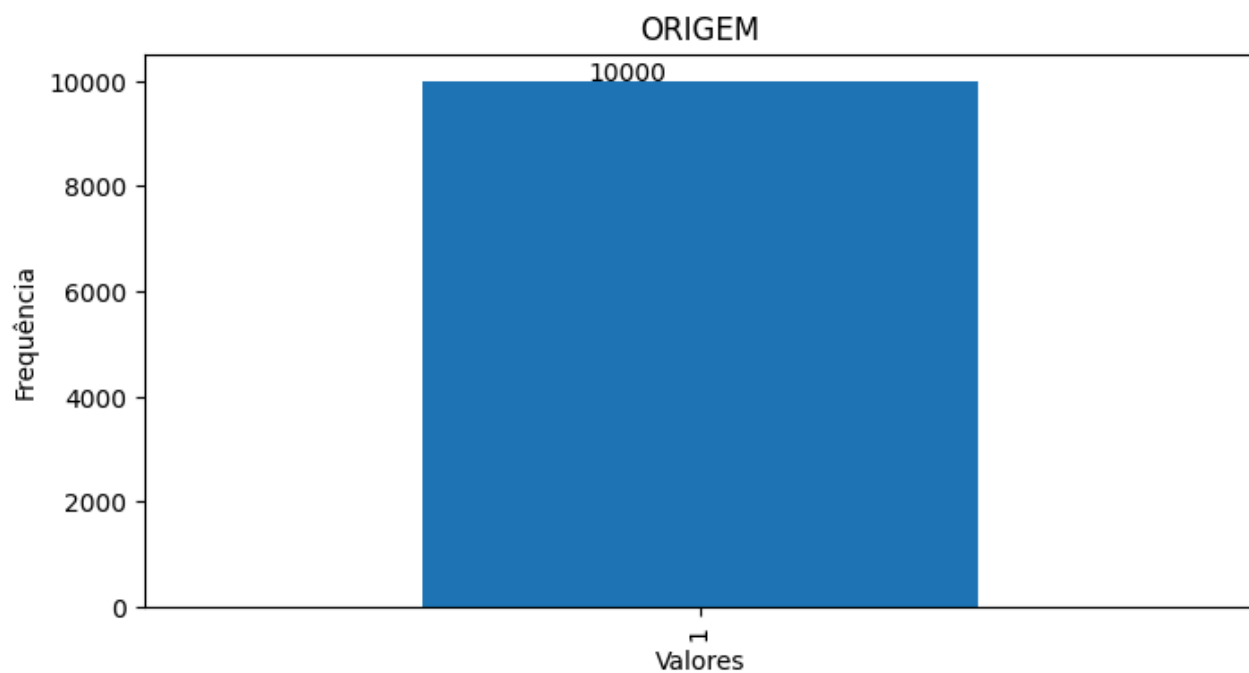
Mostrar código

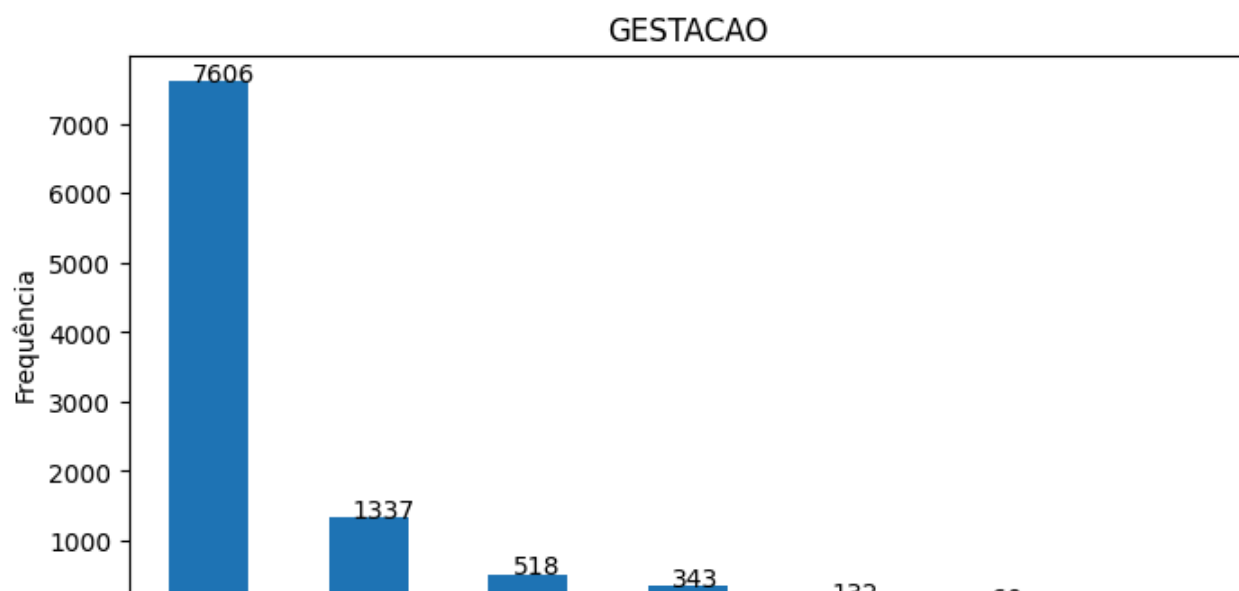
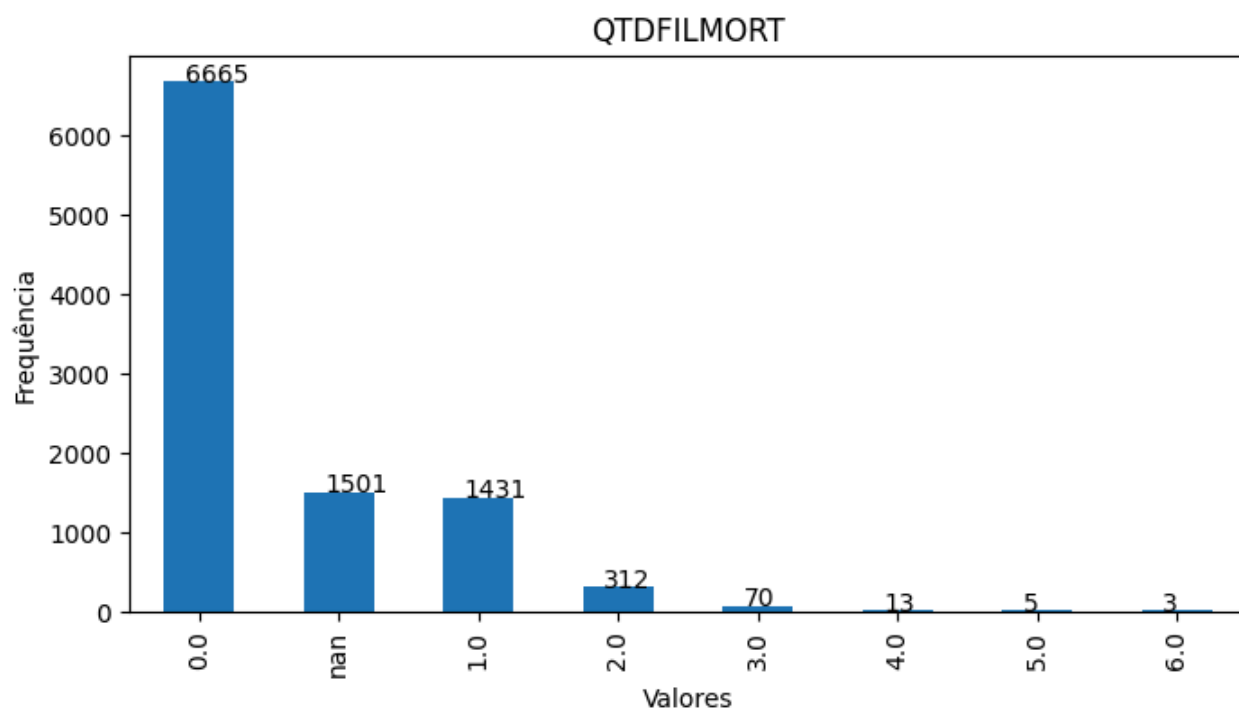
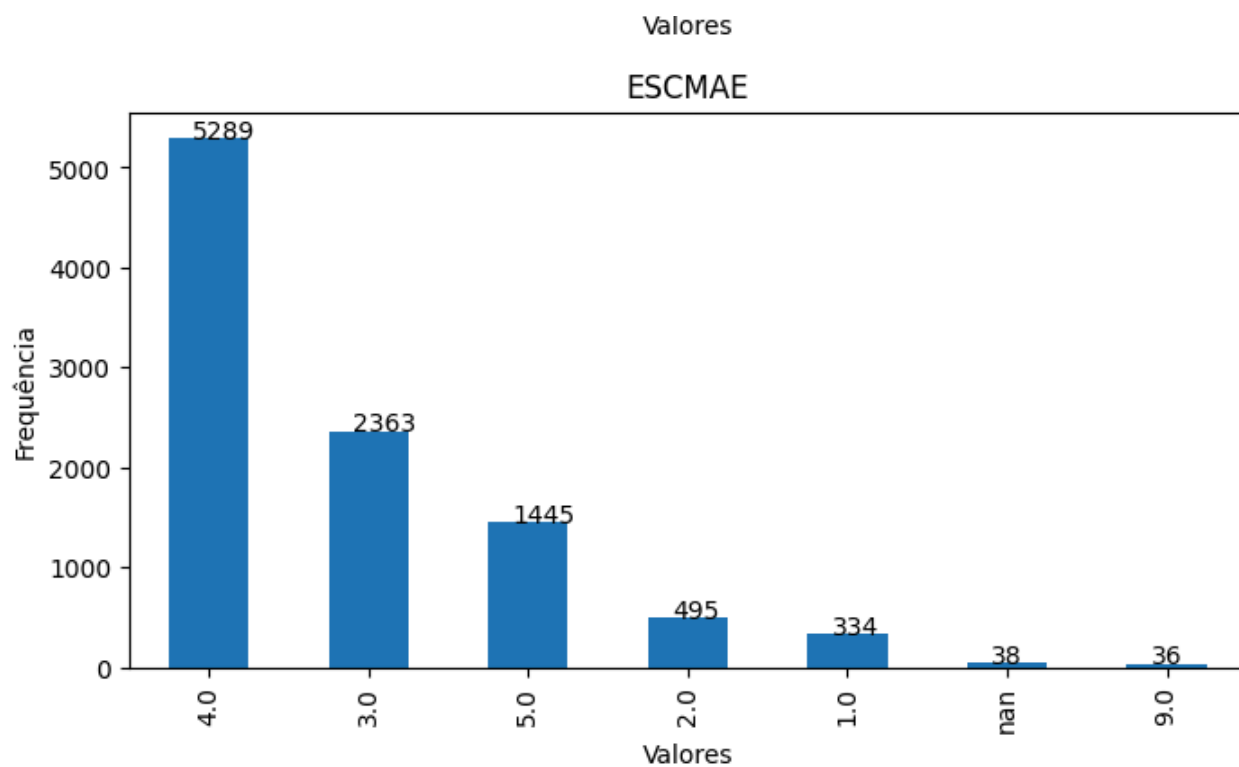


GRÁFICOS DE BARRAS

Mostrar código

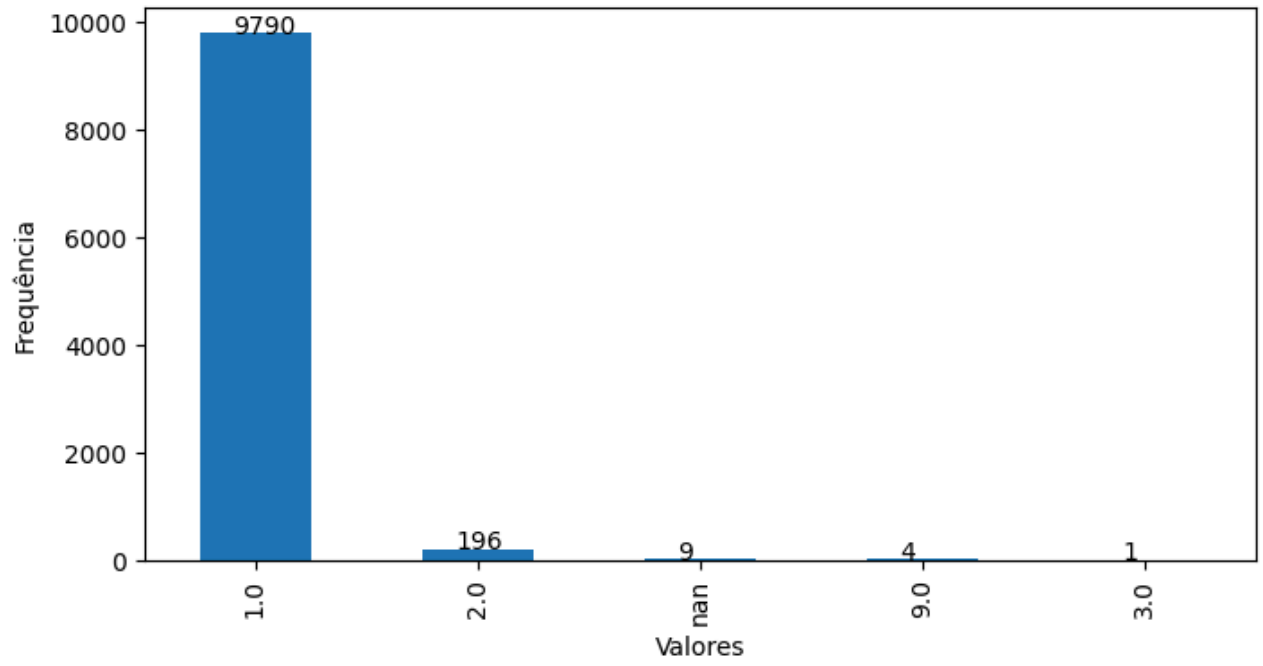
Mostrar código



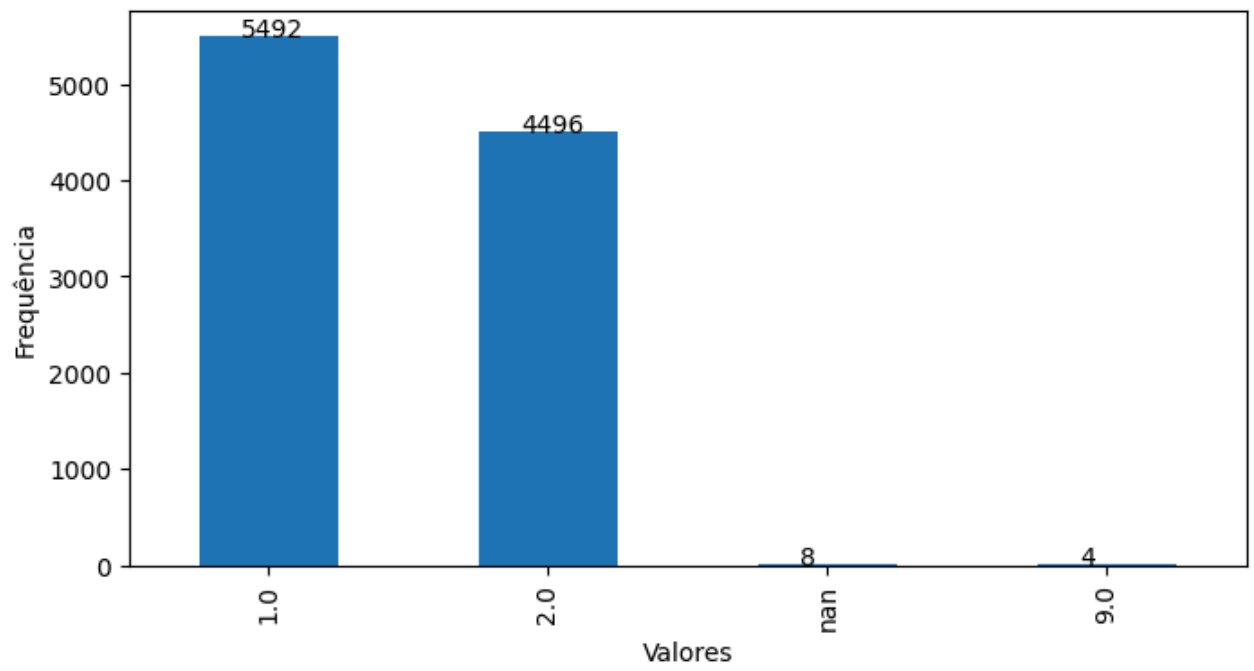




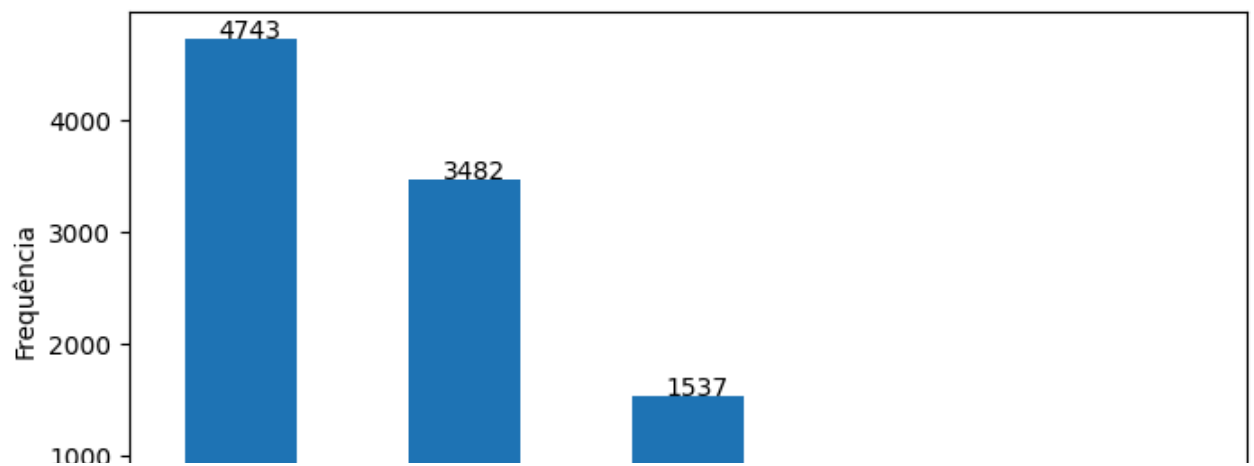
GRAVIDEZ

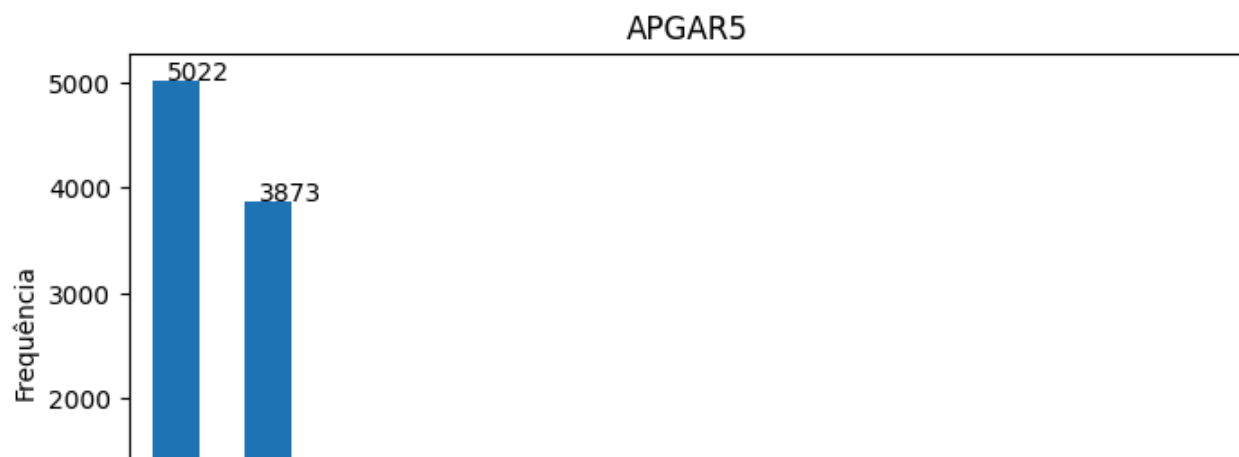
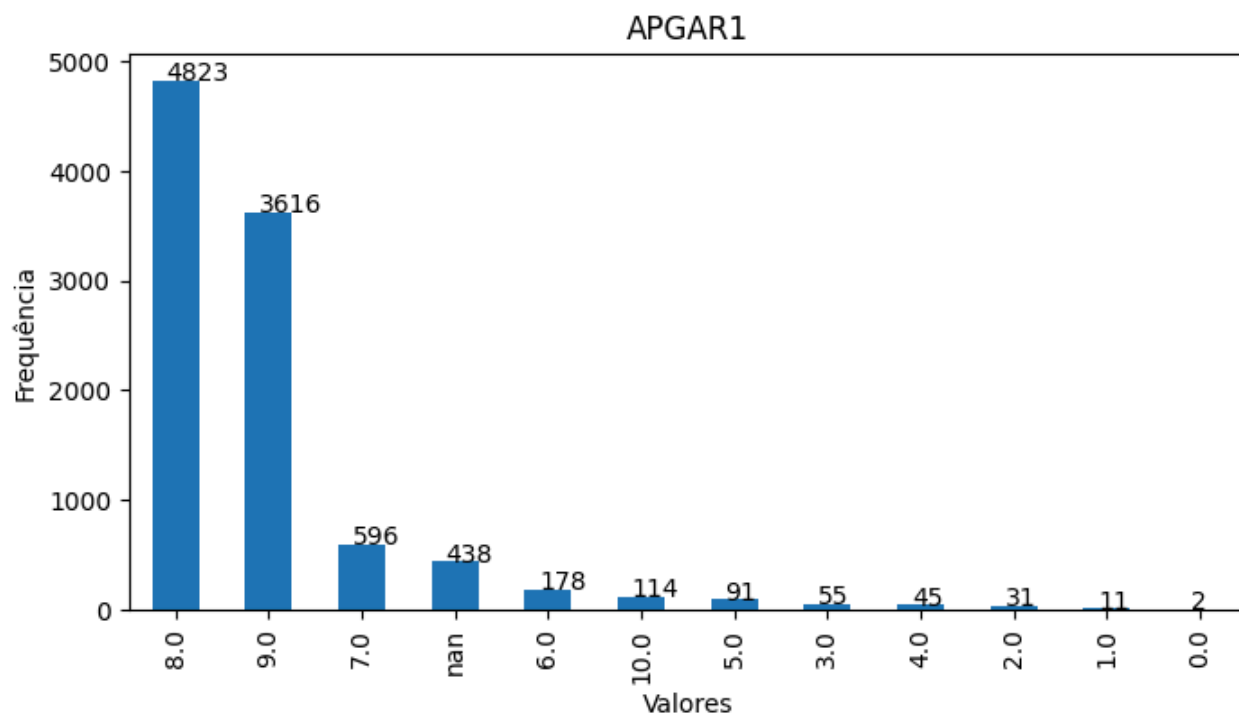
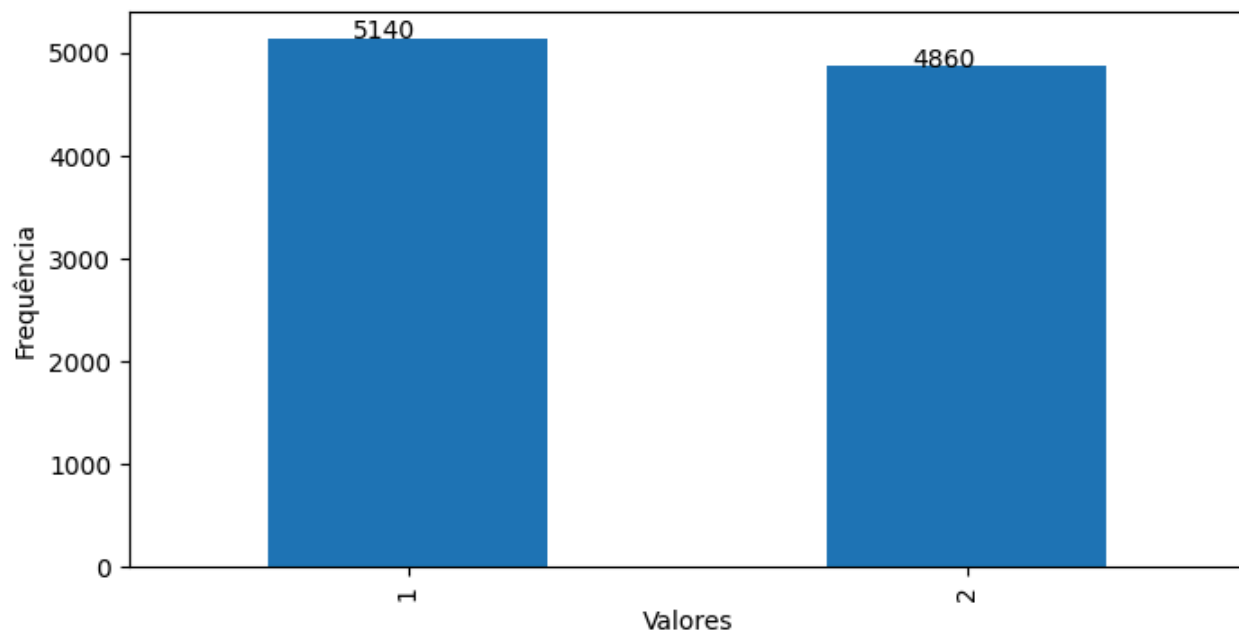


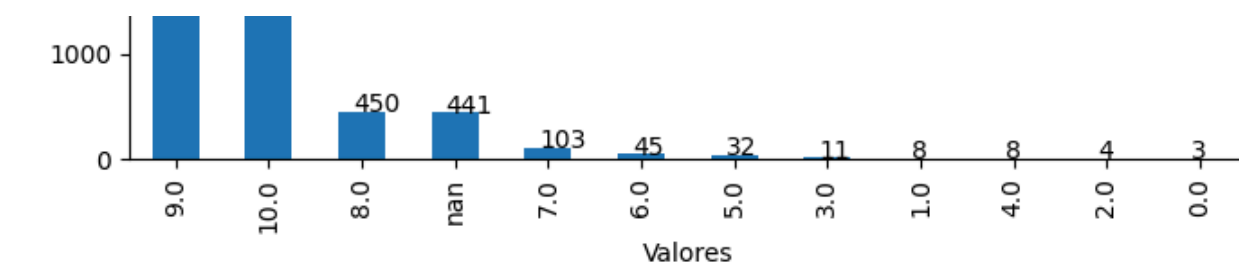
PARTO



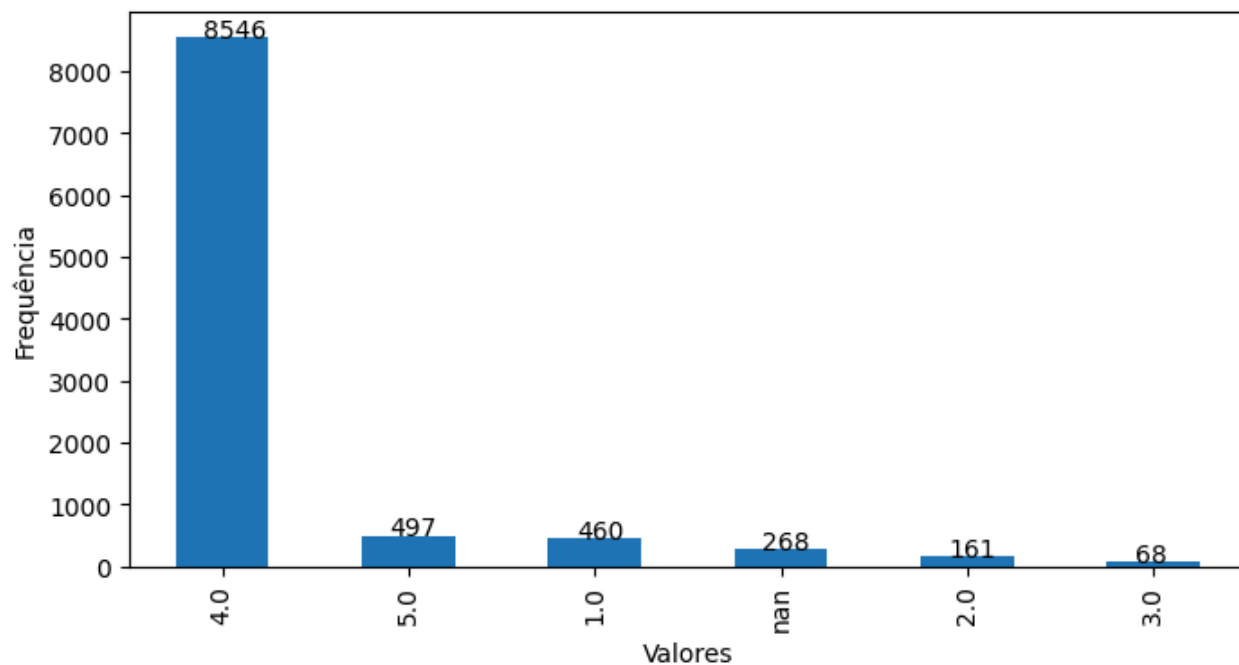
CONSULTAS



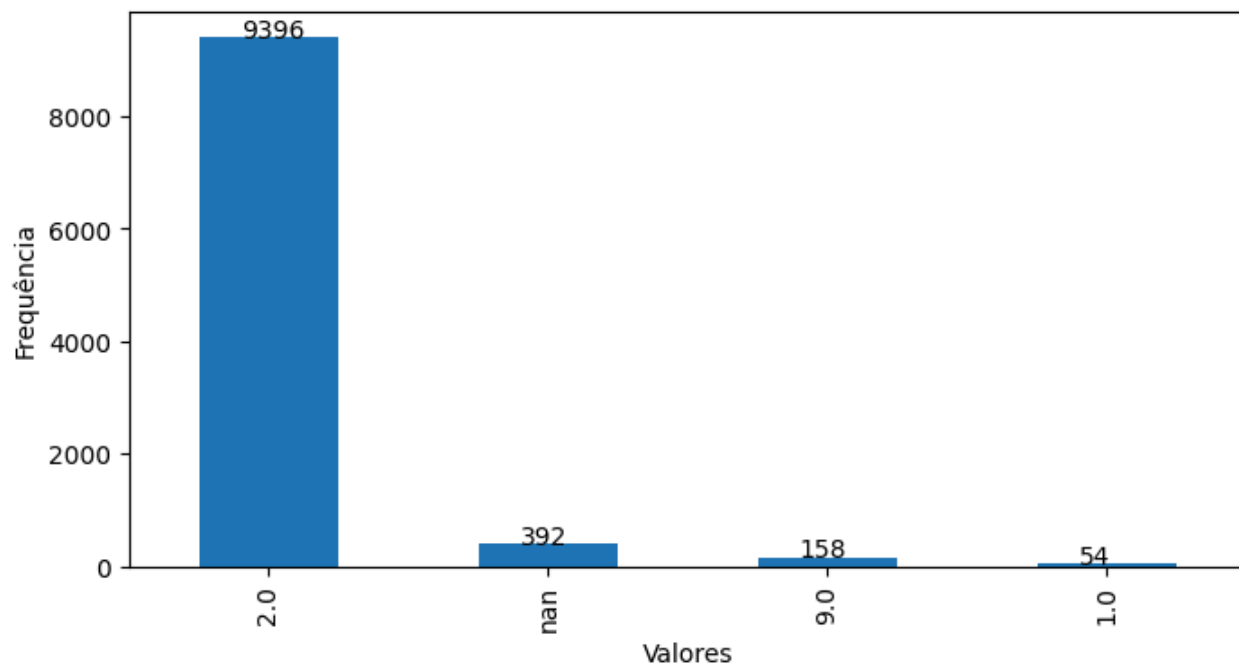




RACACOR

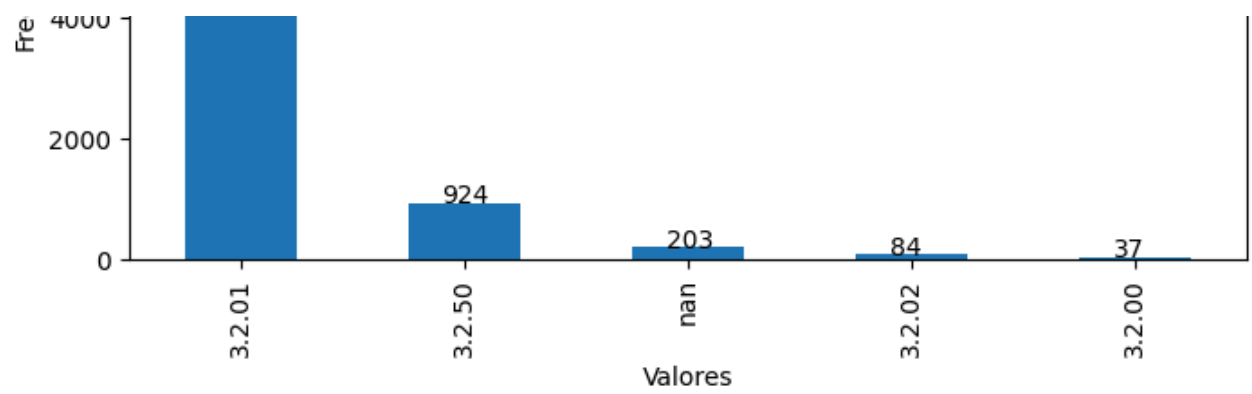


IDANOMAL

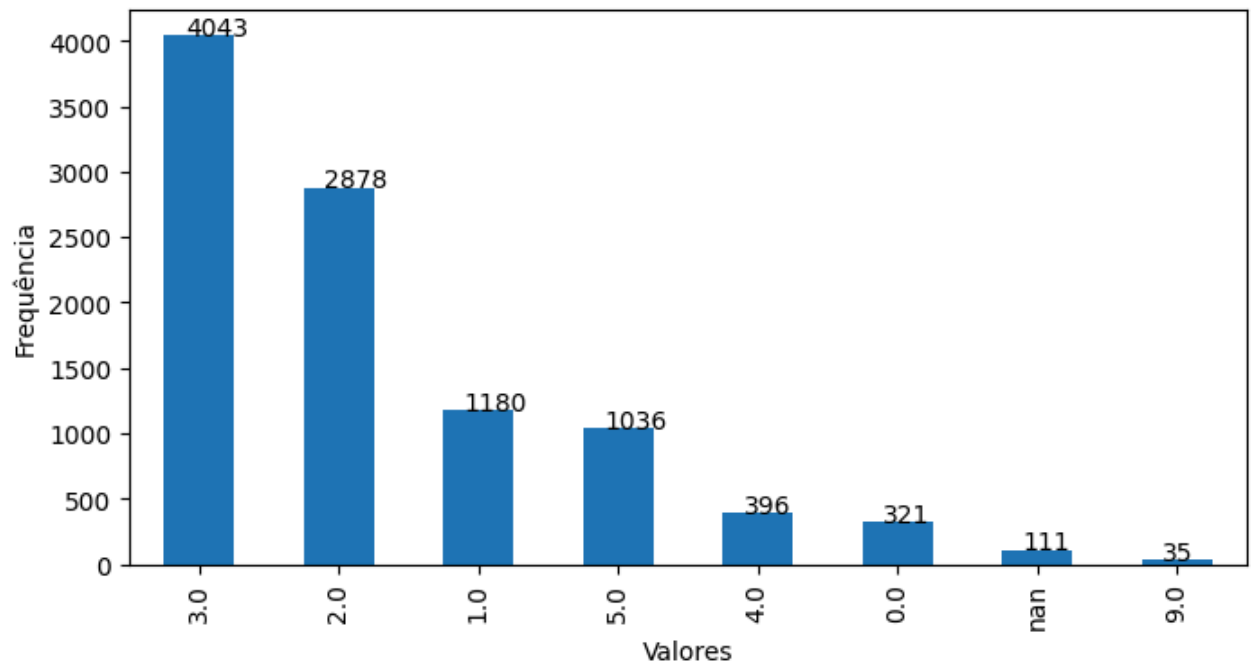


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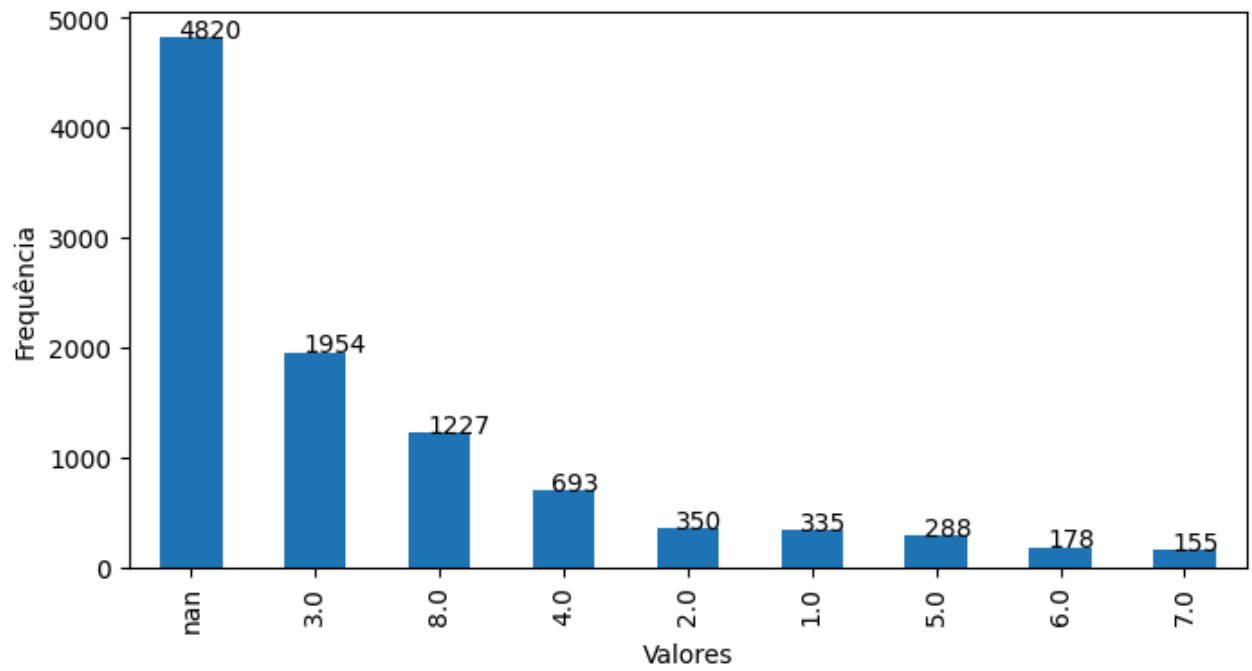




ESCSMAE2010

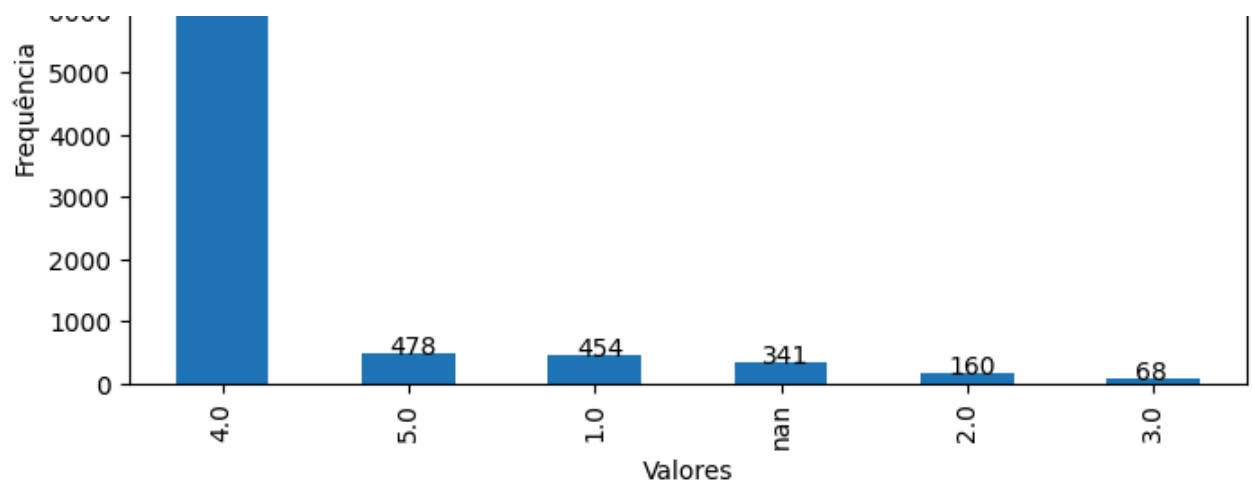


SERIESCMAE

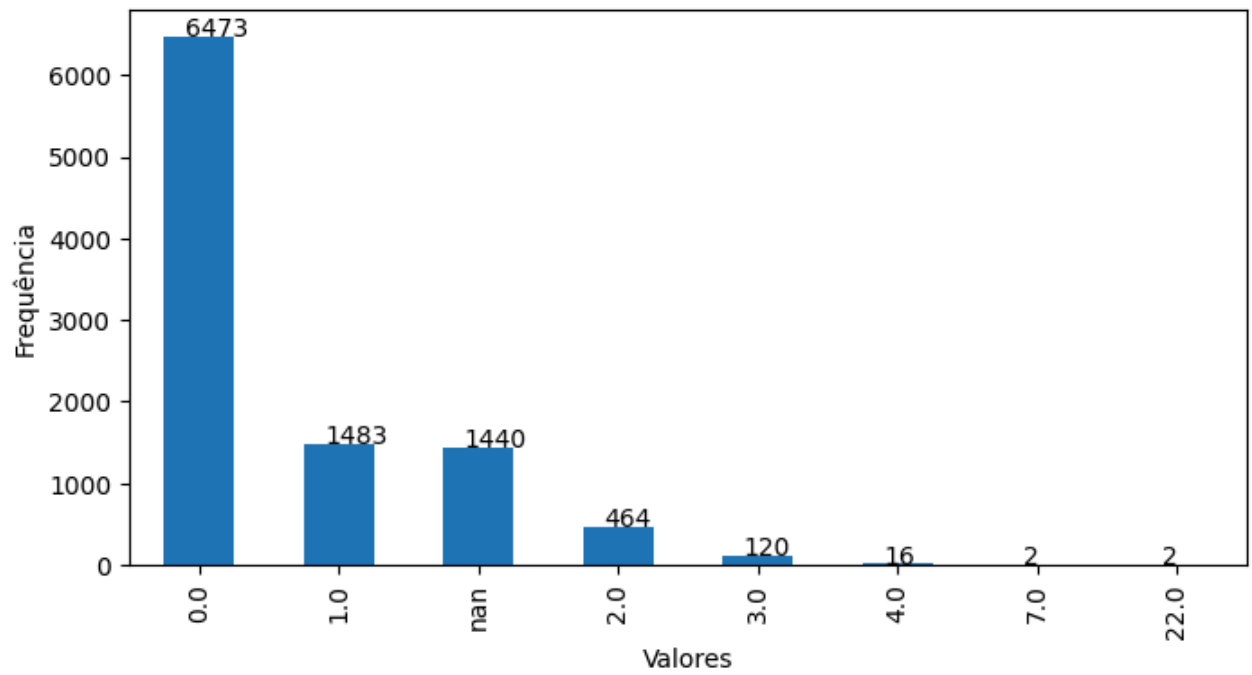


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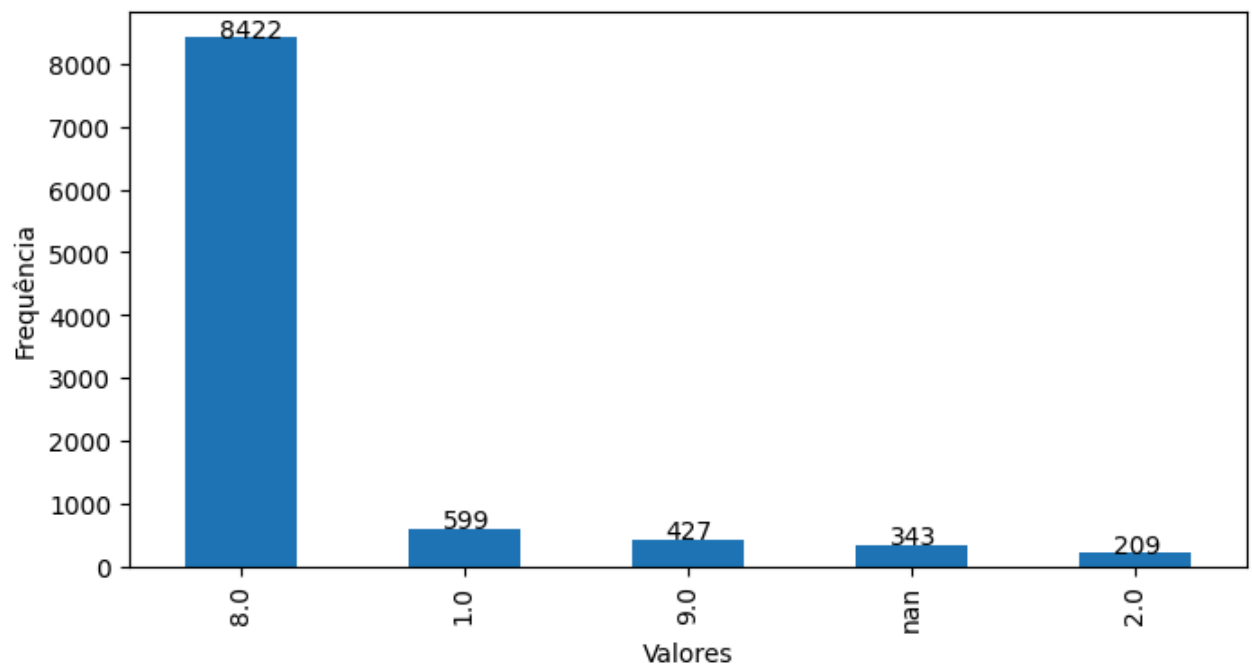




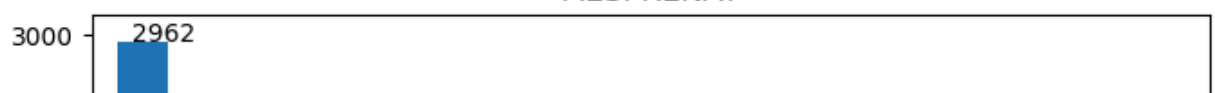
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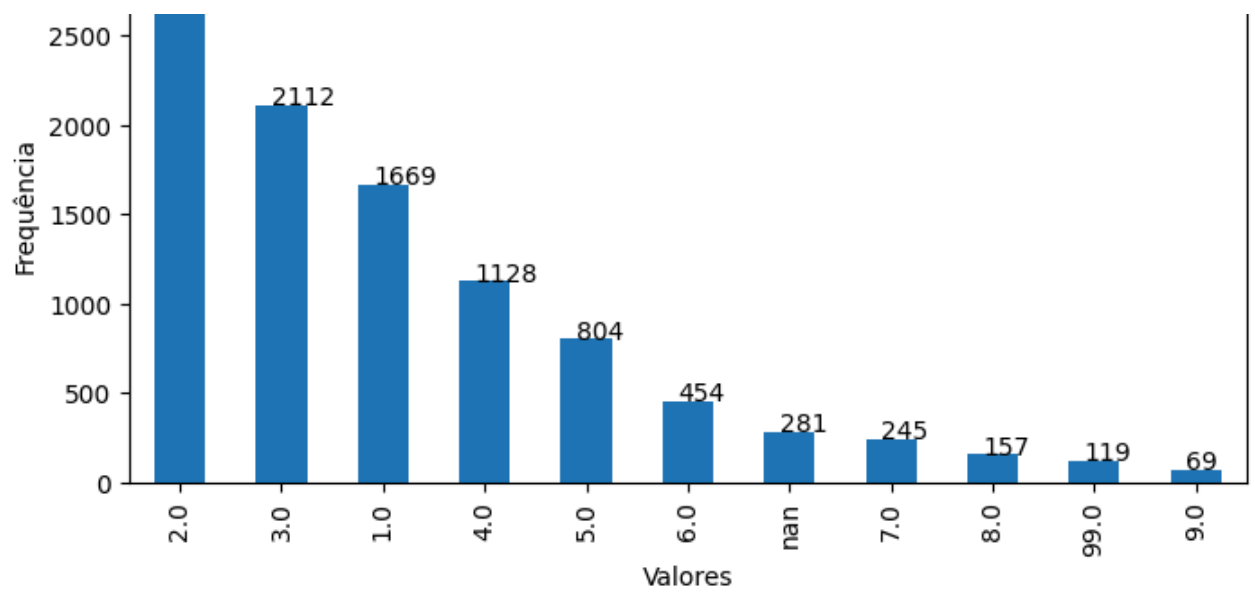


TPMETESTIM

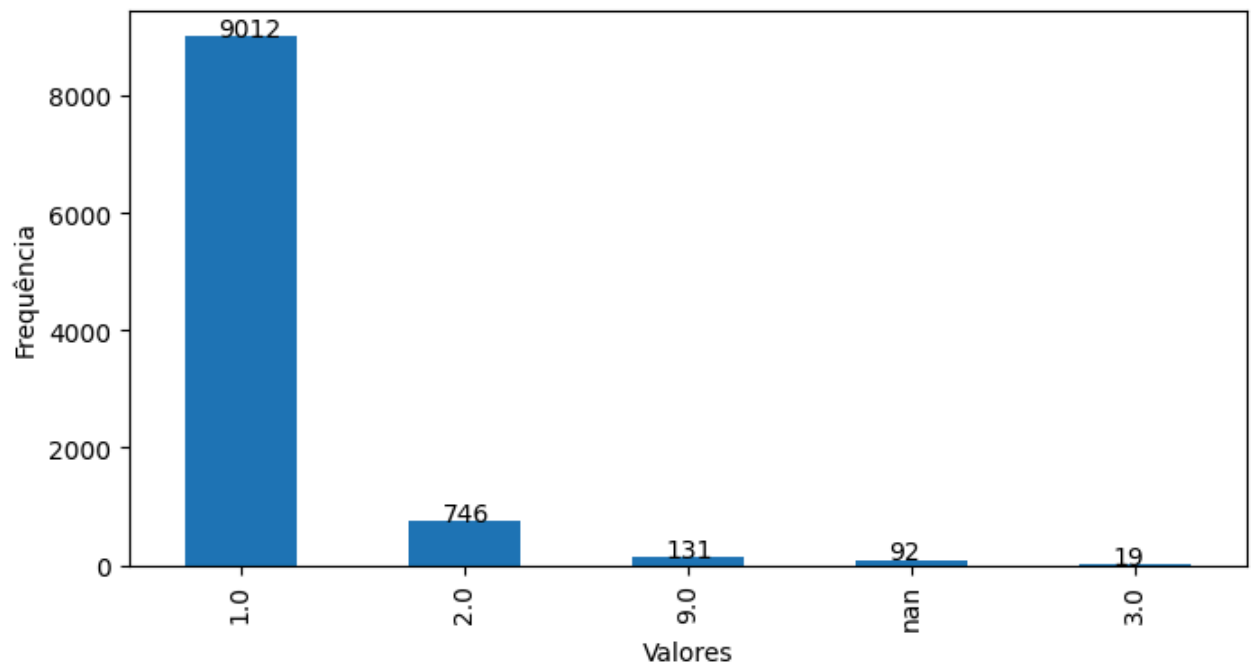


MESPENAT

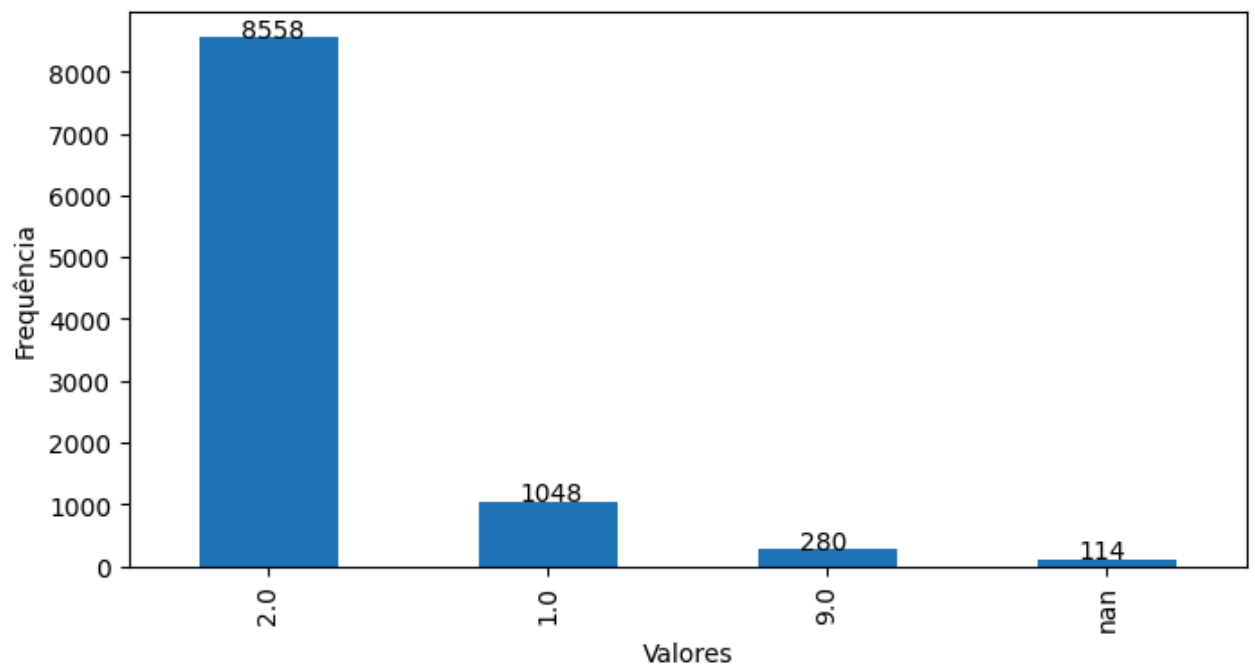




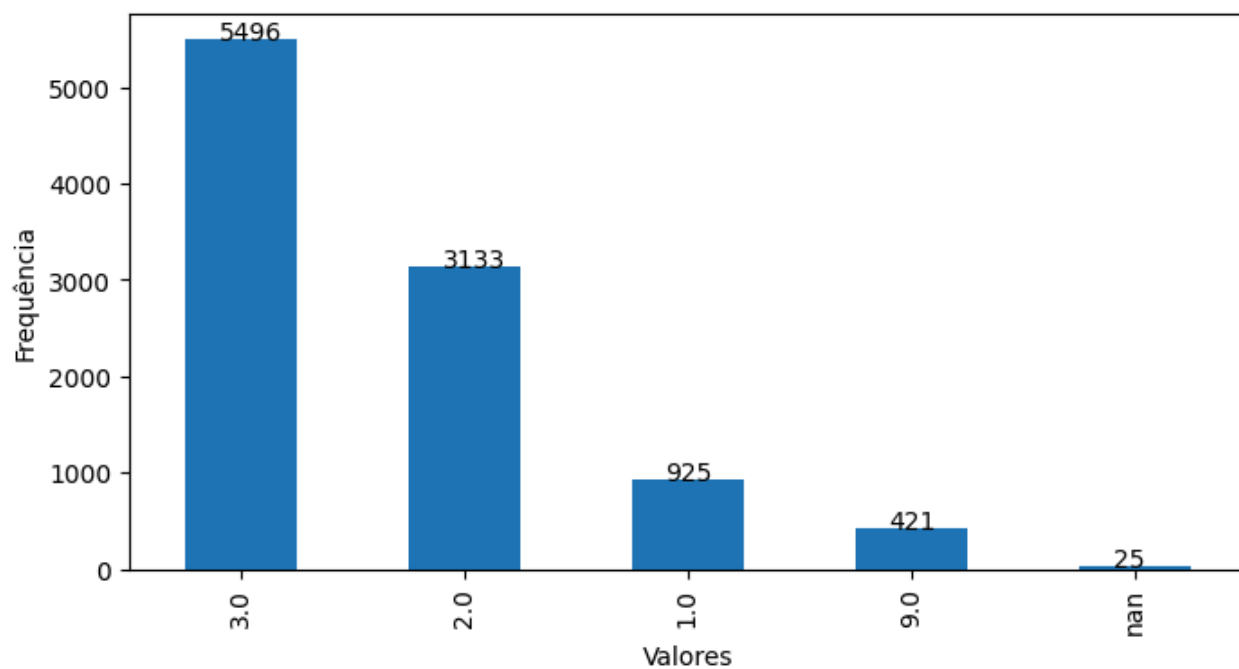
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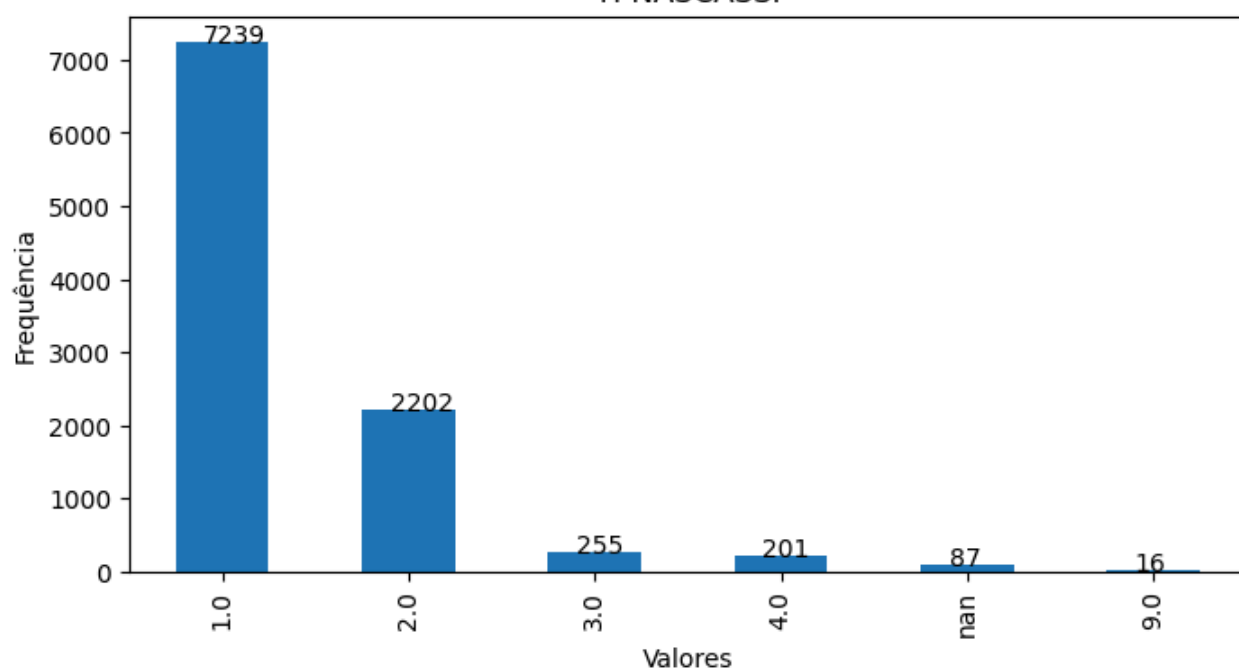
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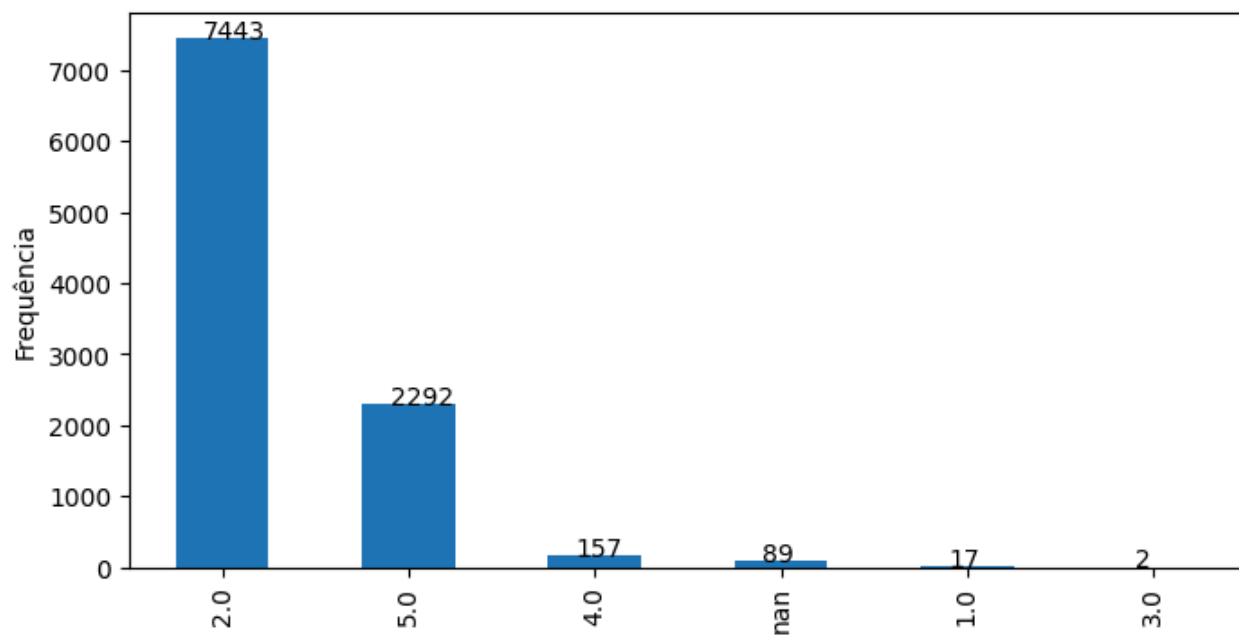
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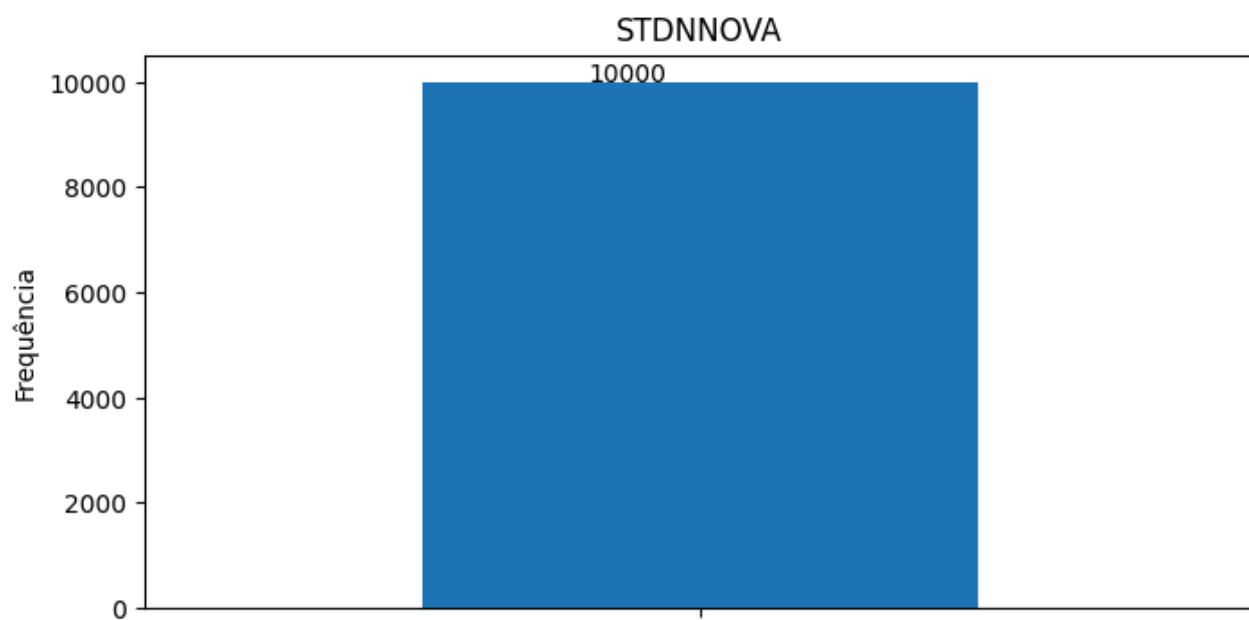
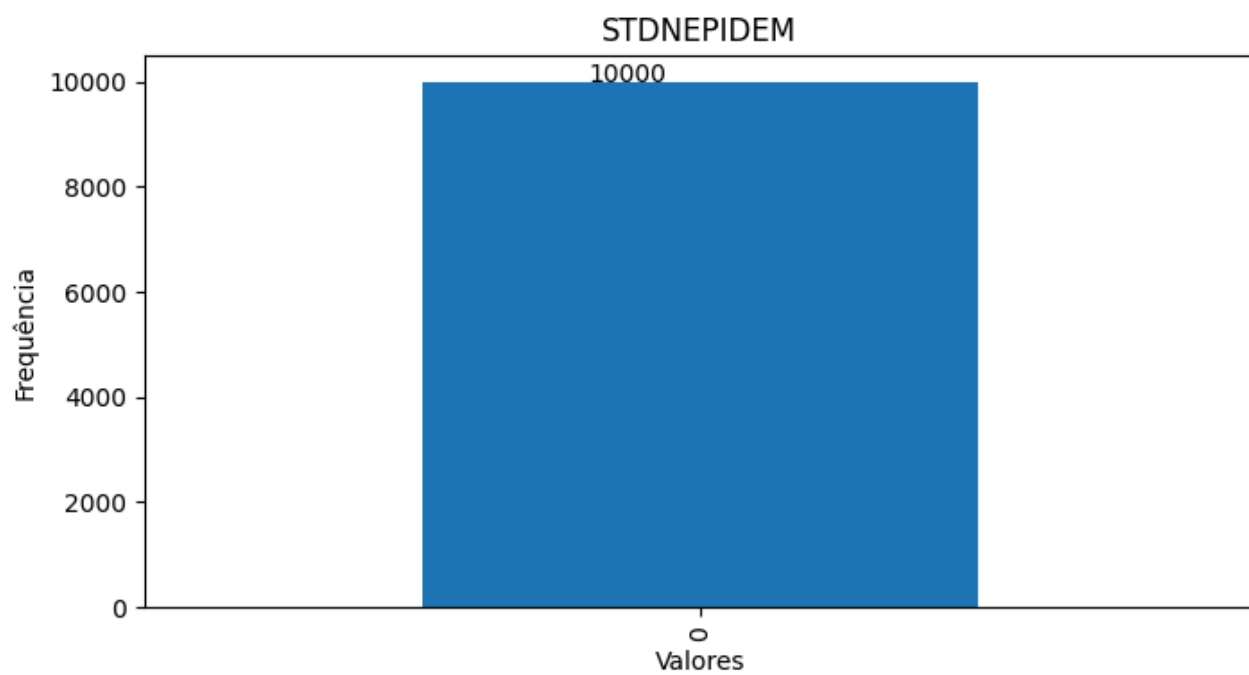
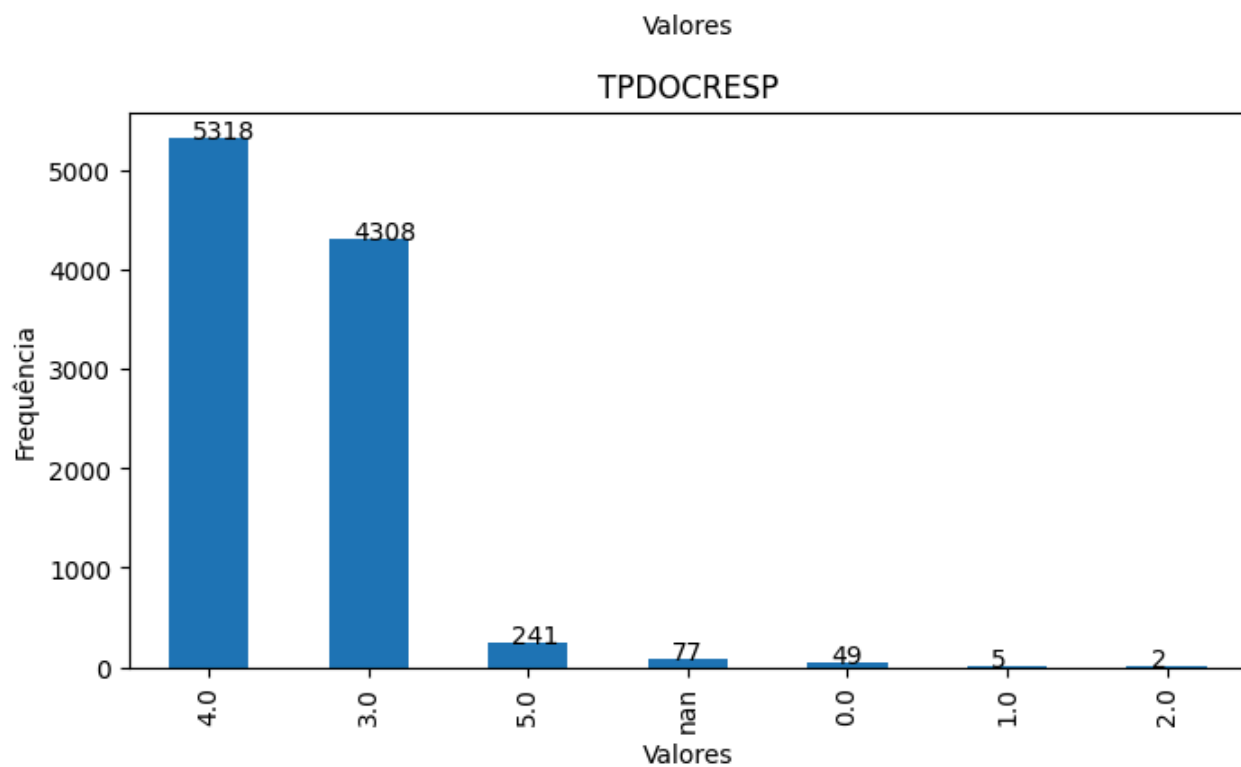


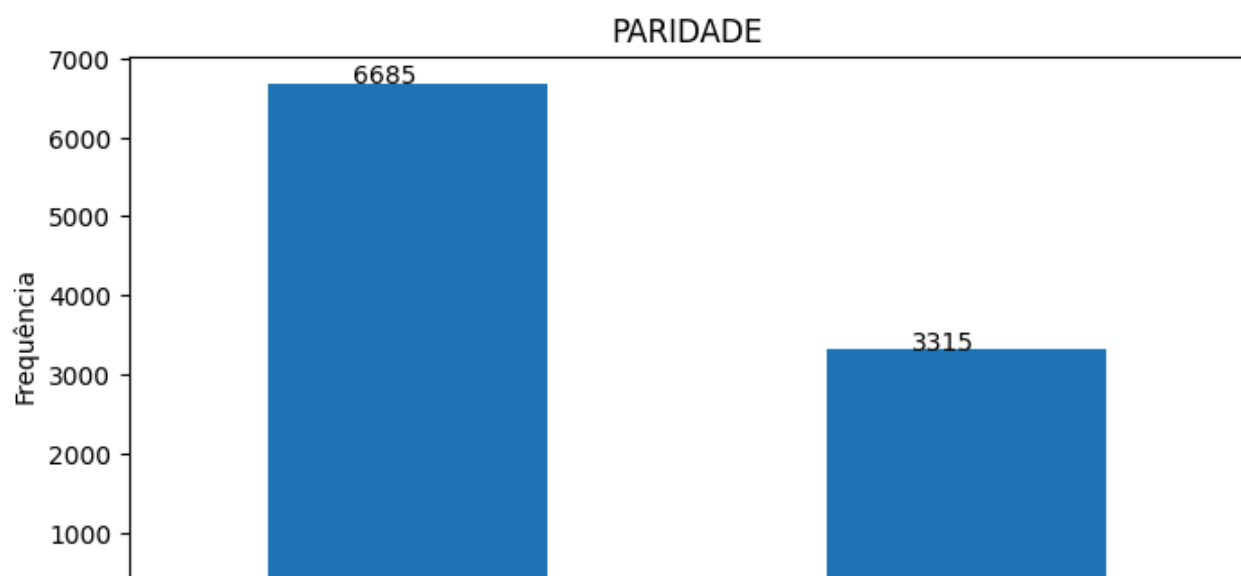
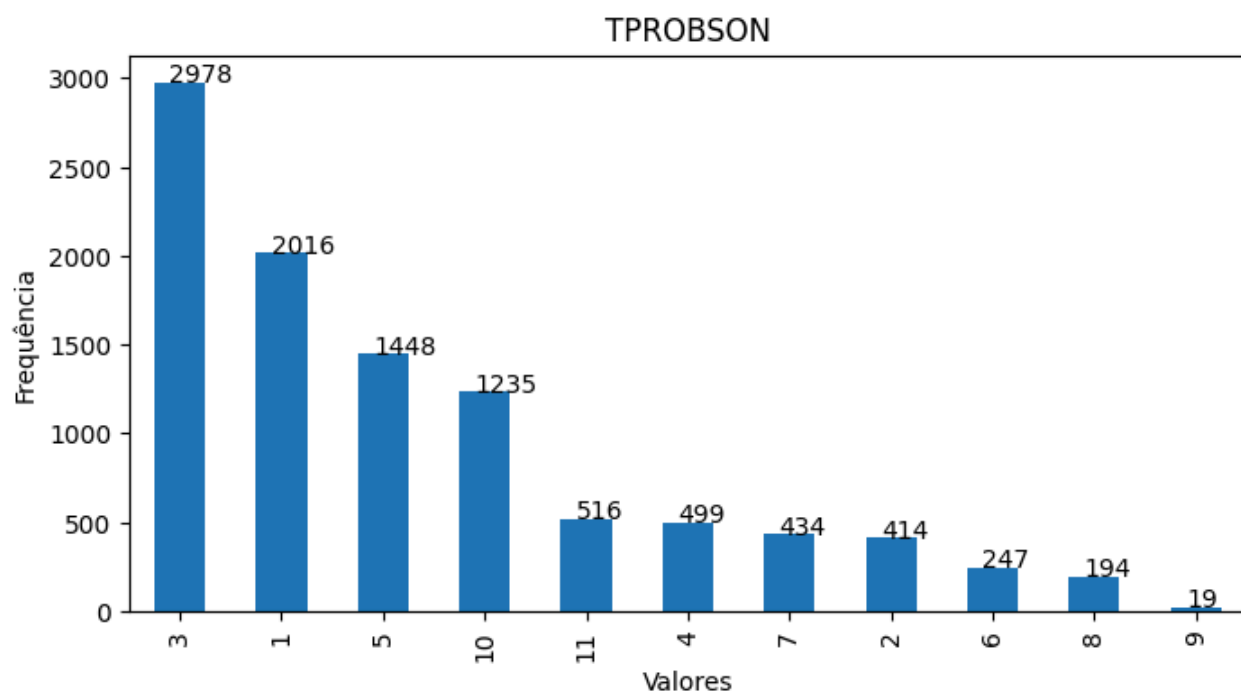
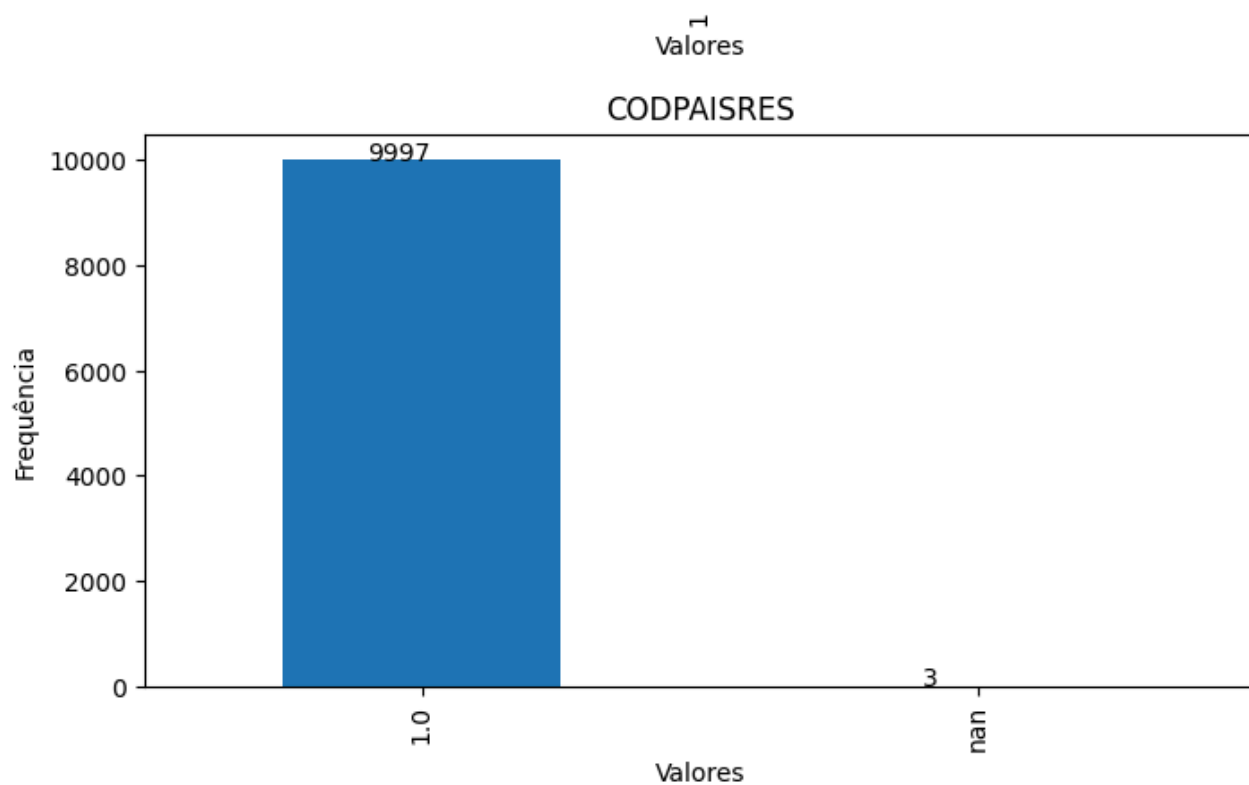
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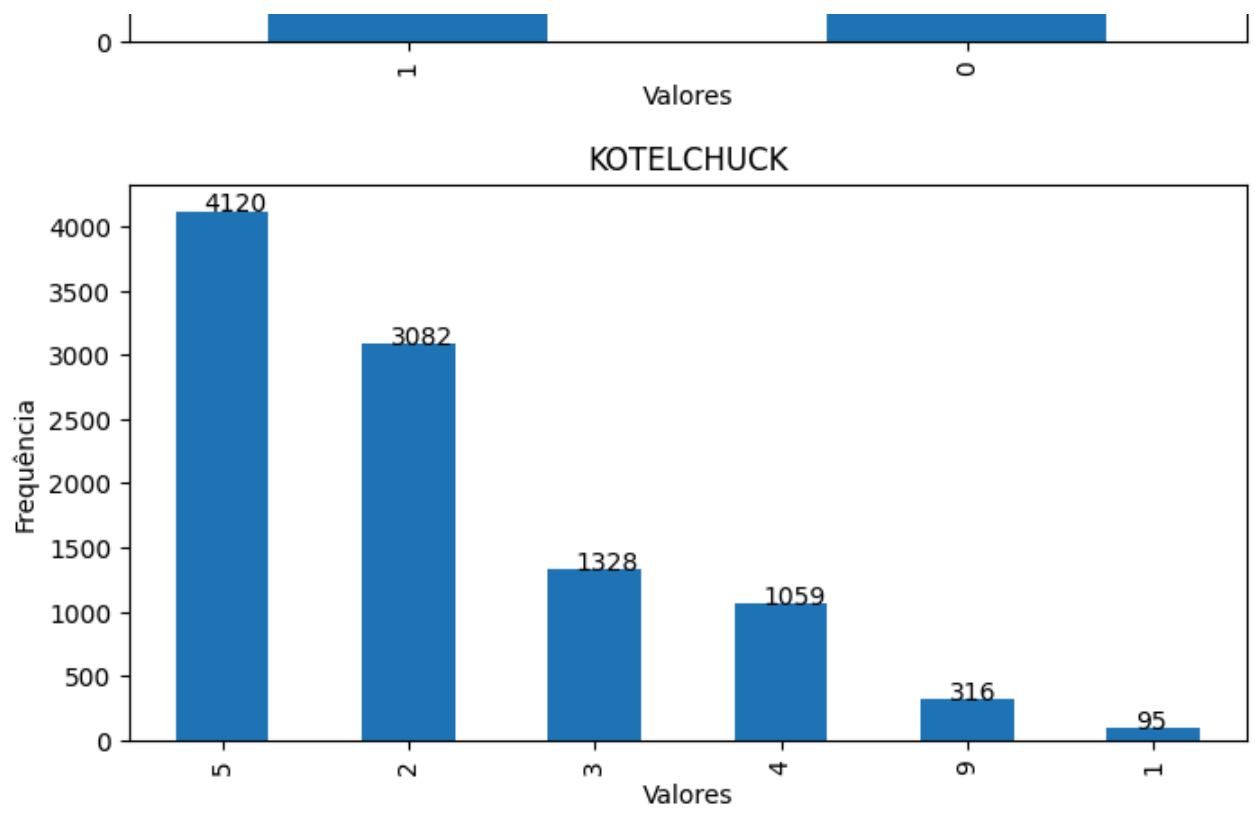


TPFUNCRESP

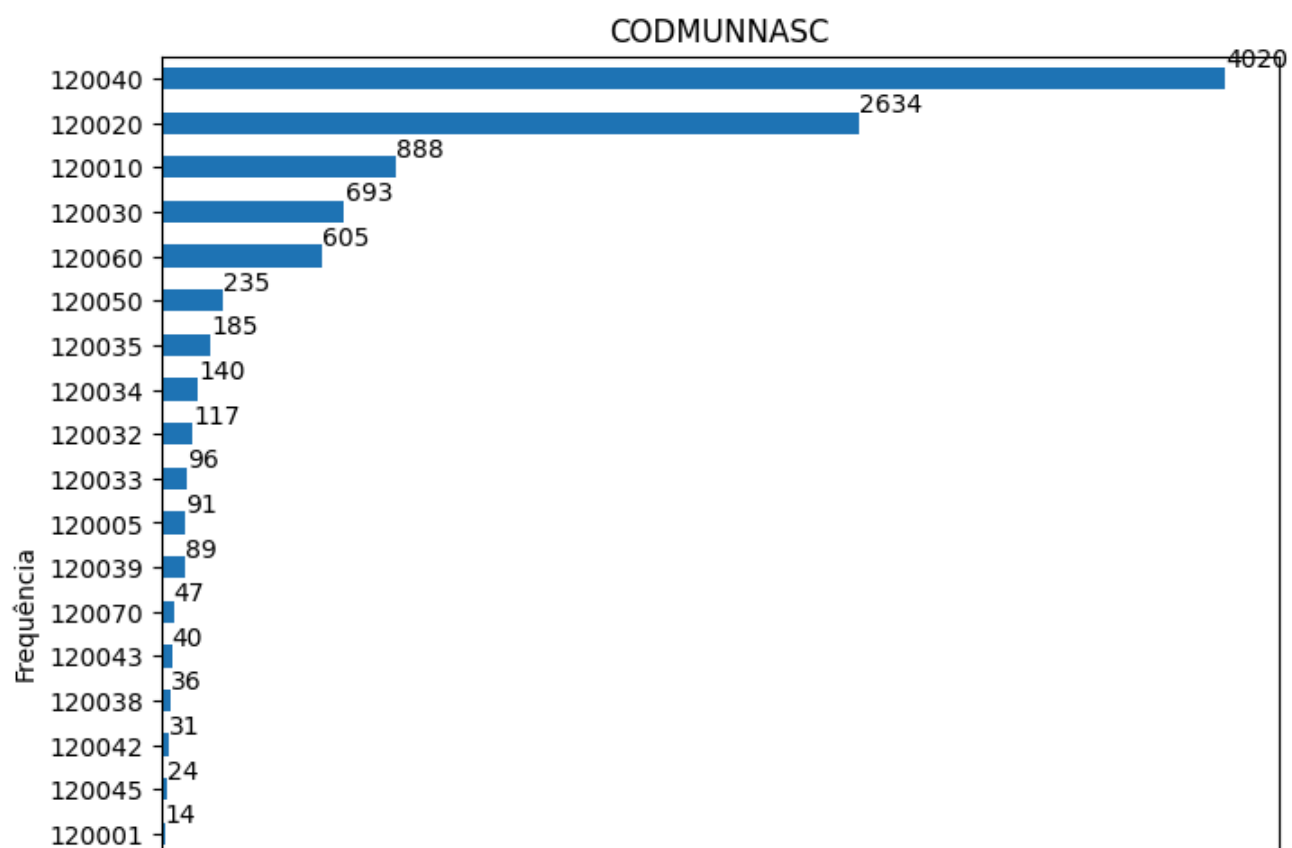
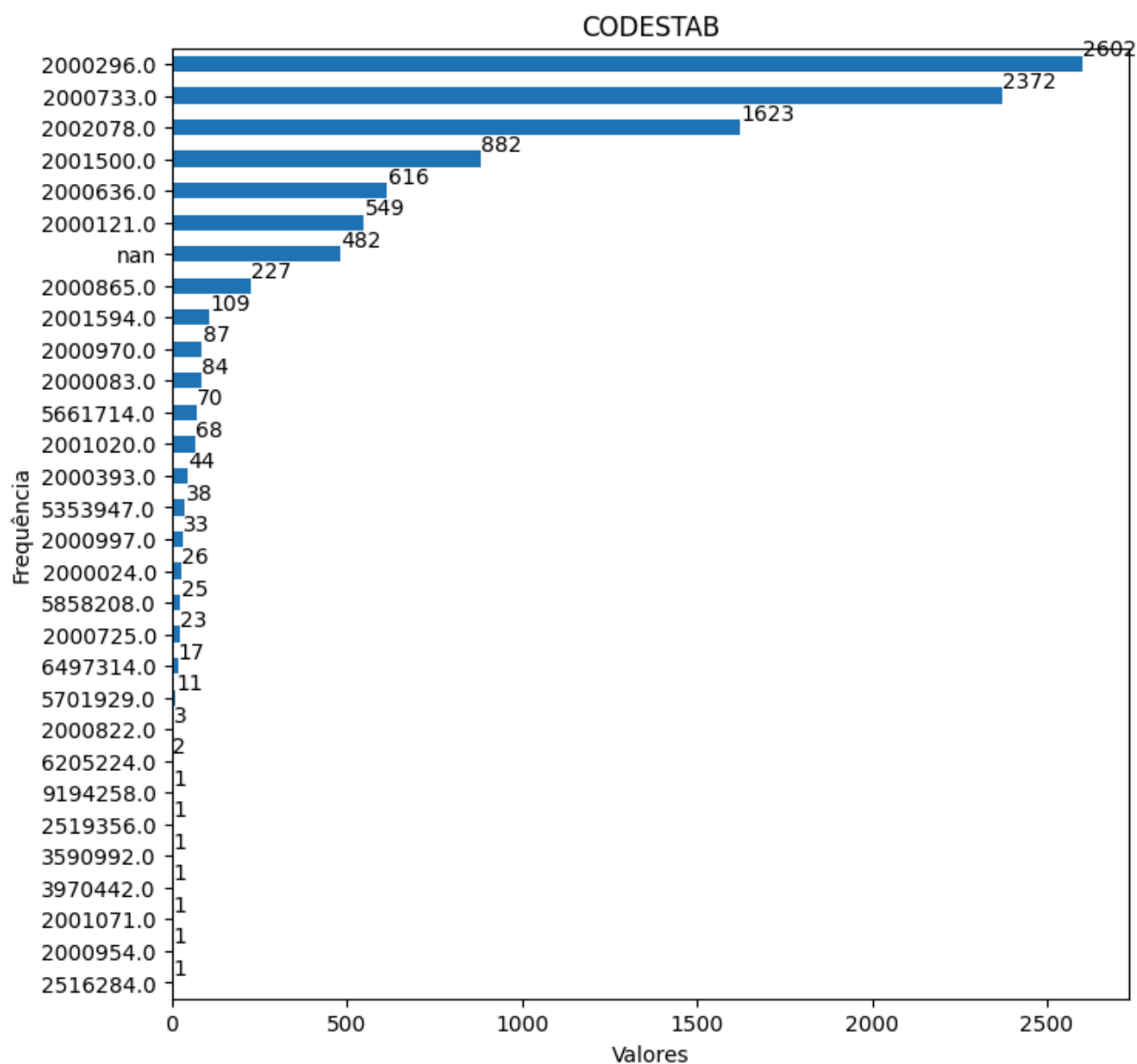


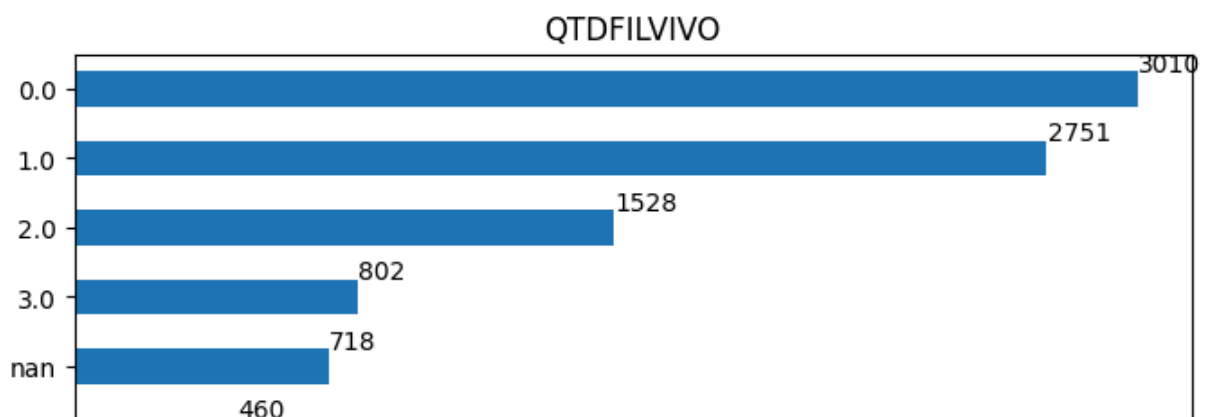
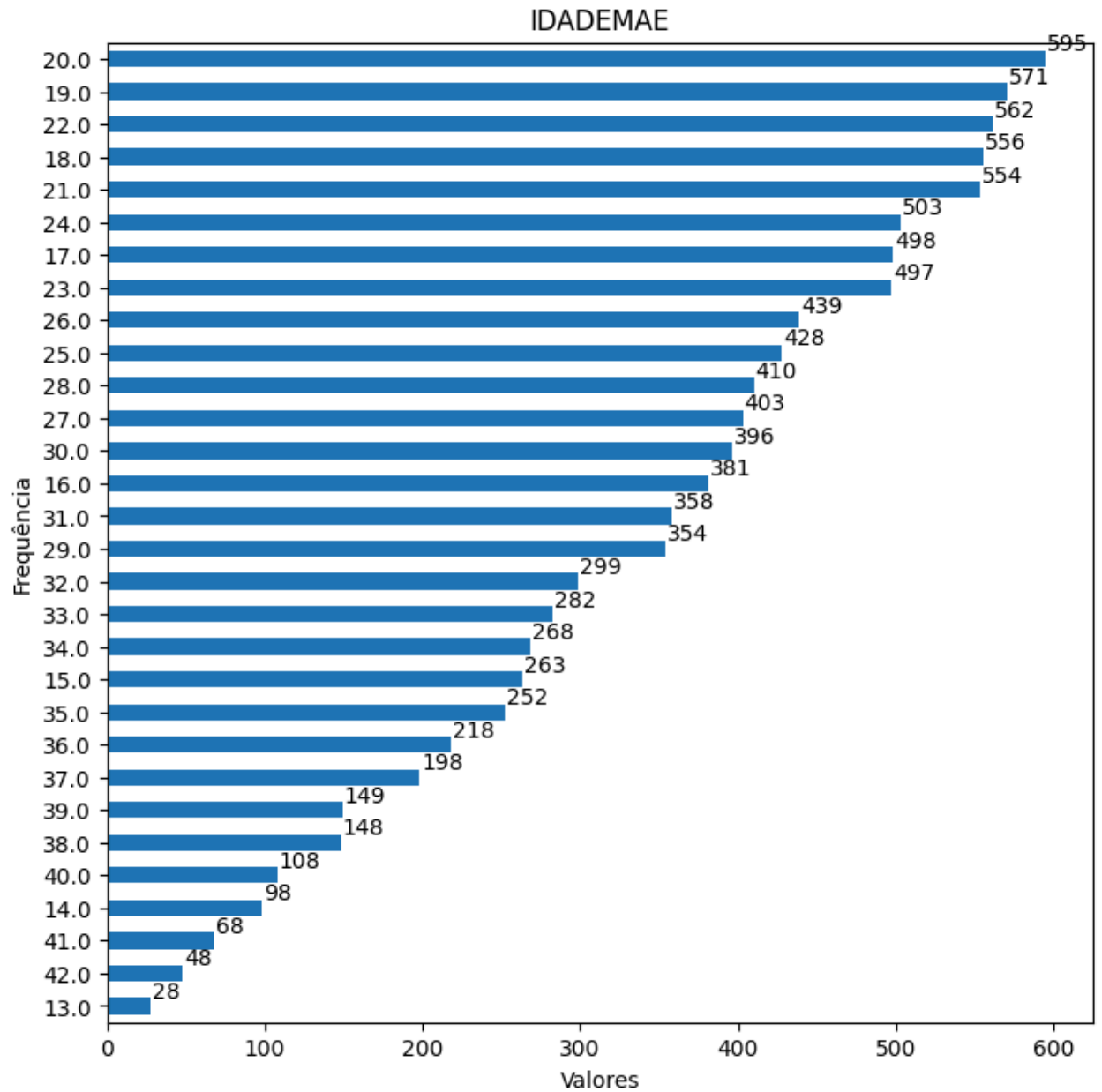
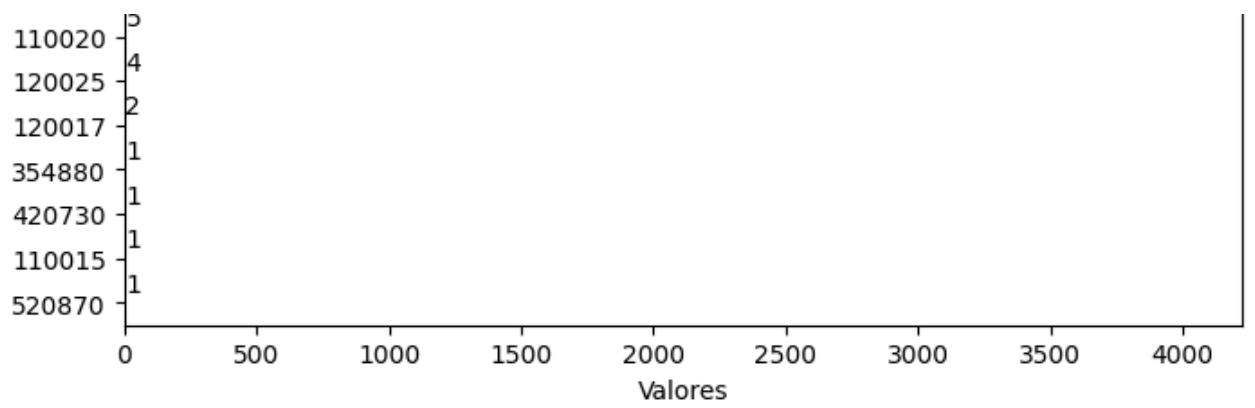


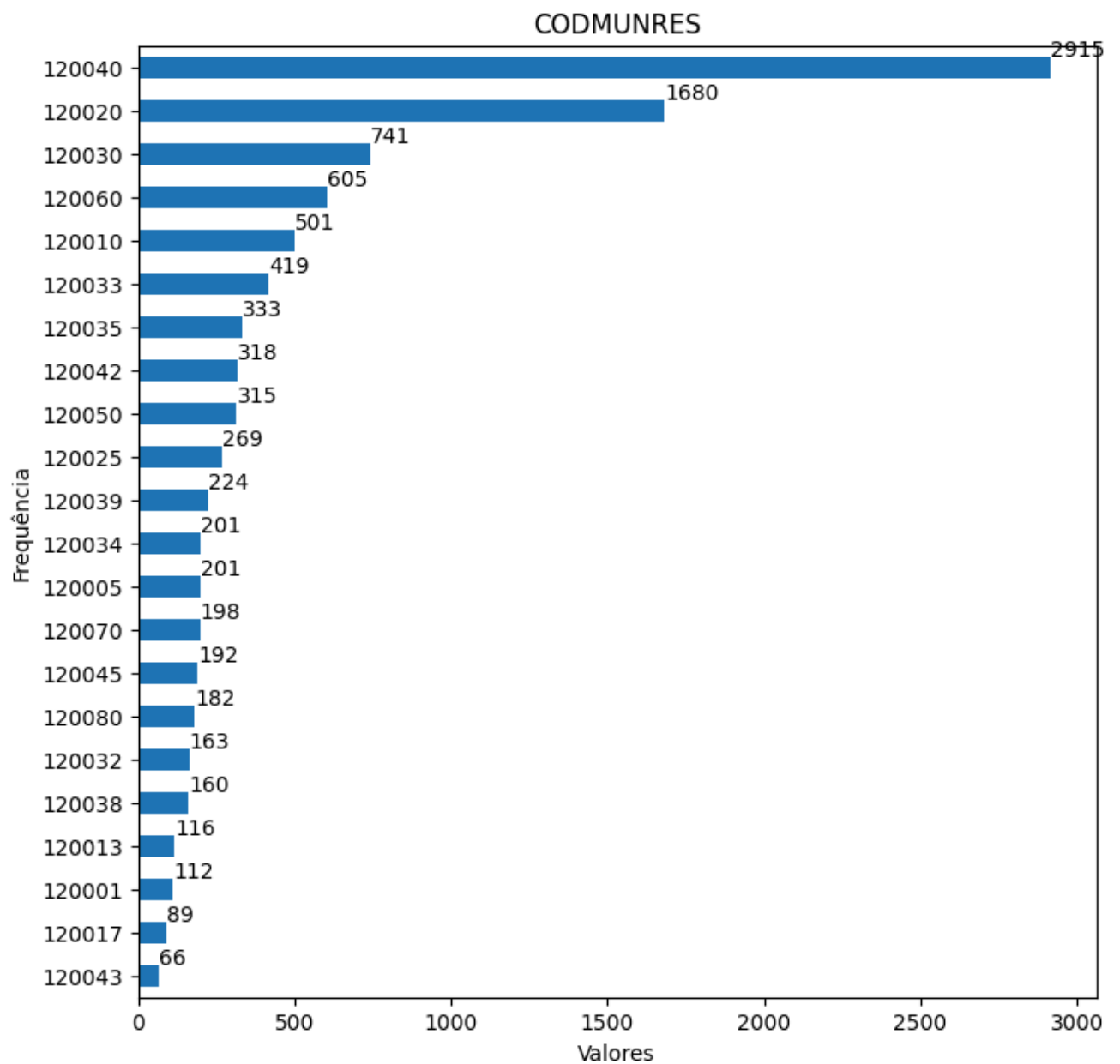
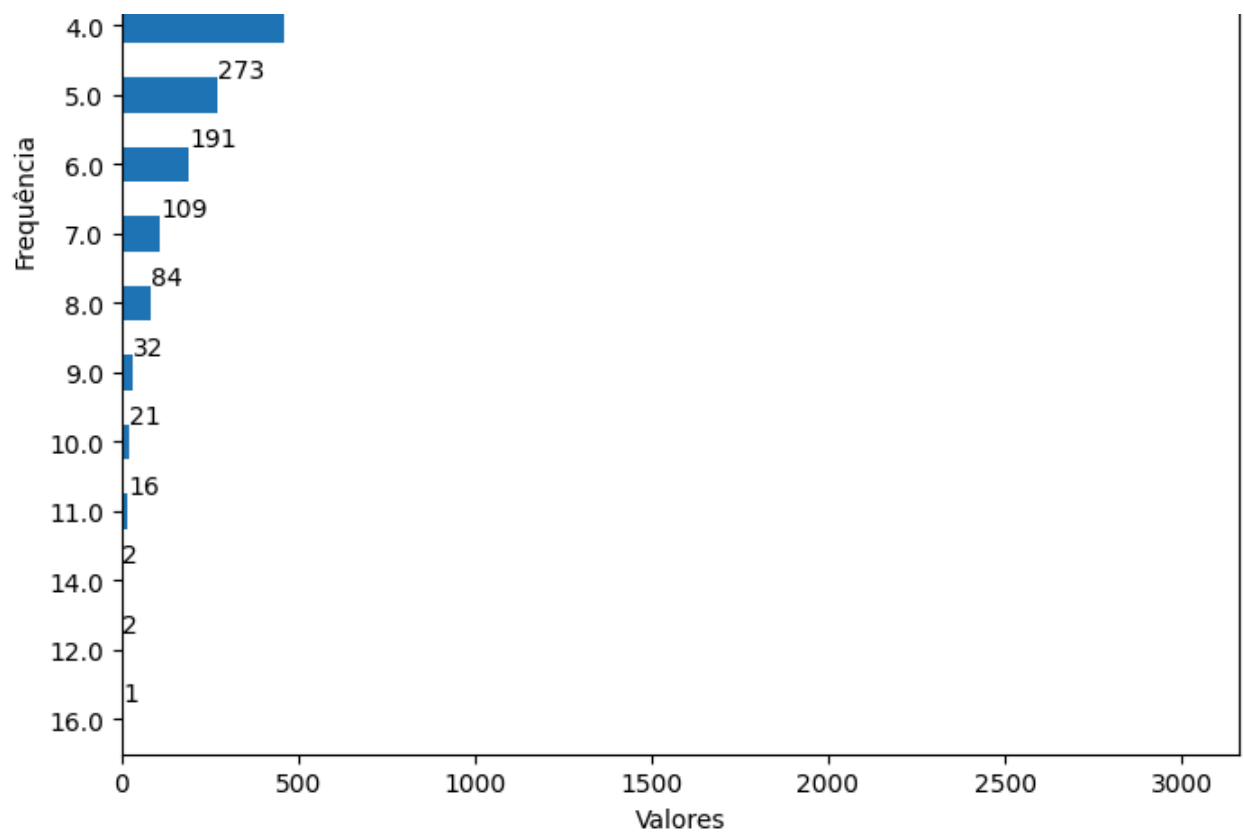


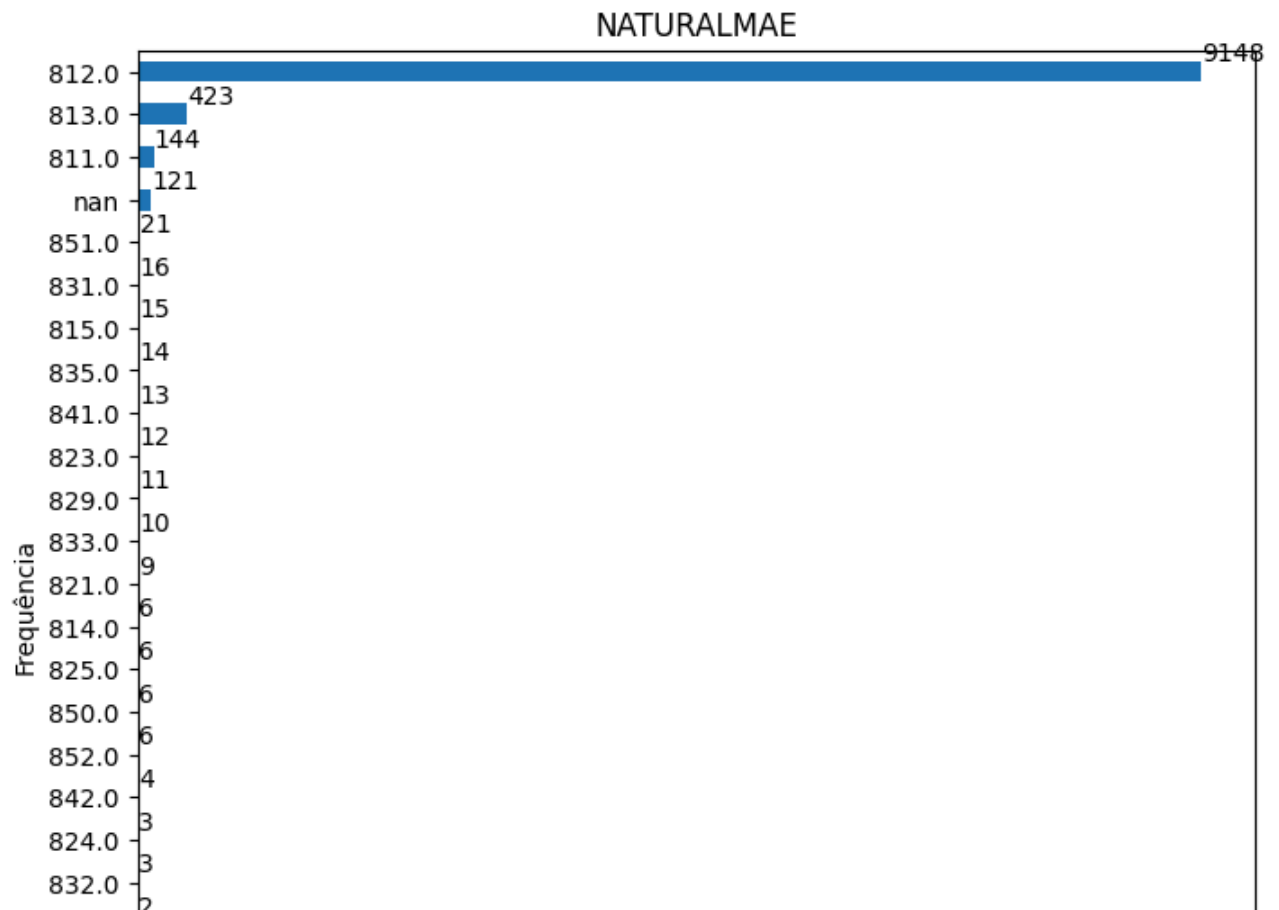
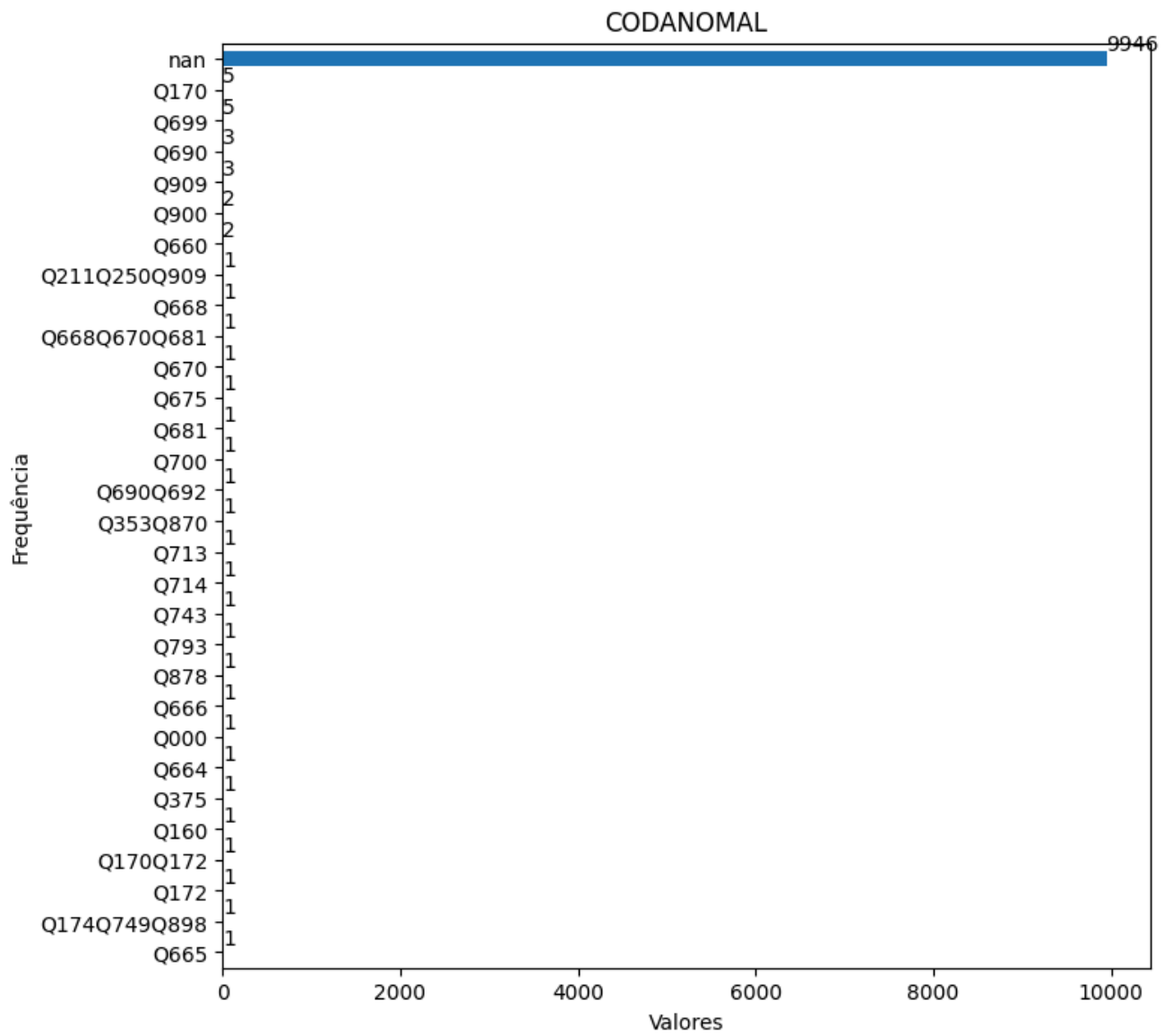


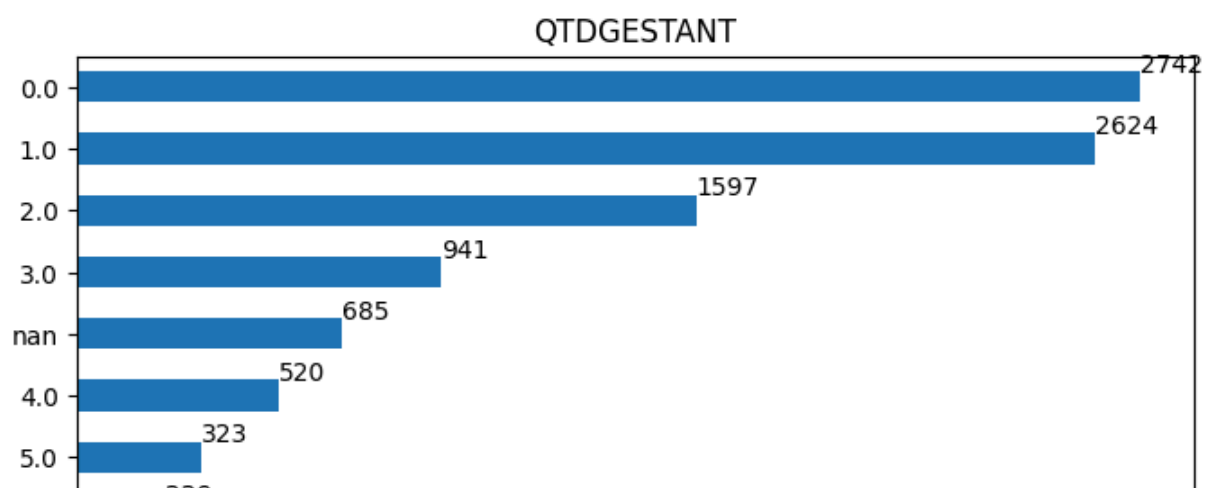
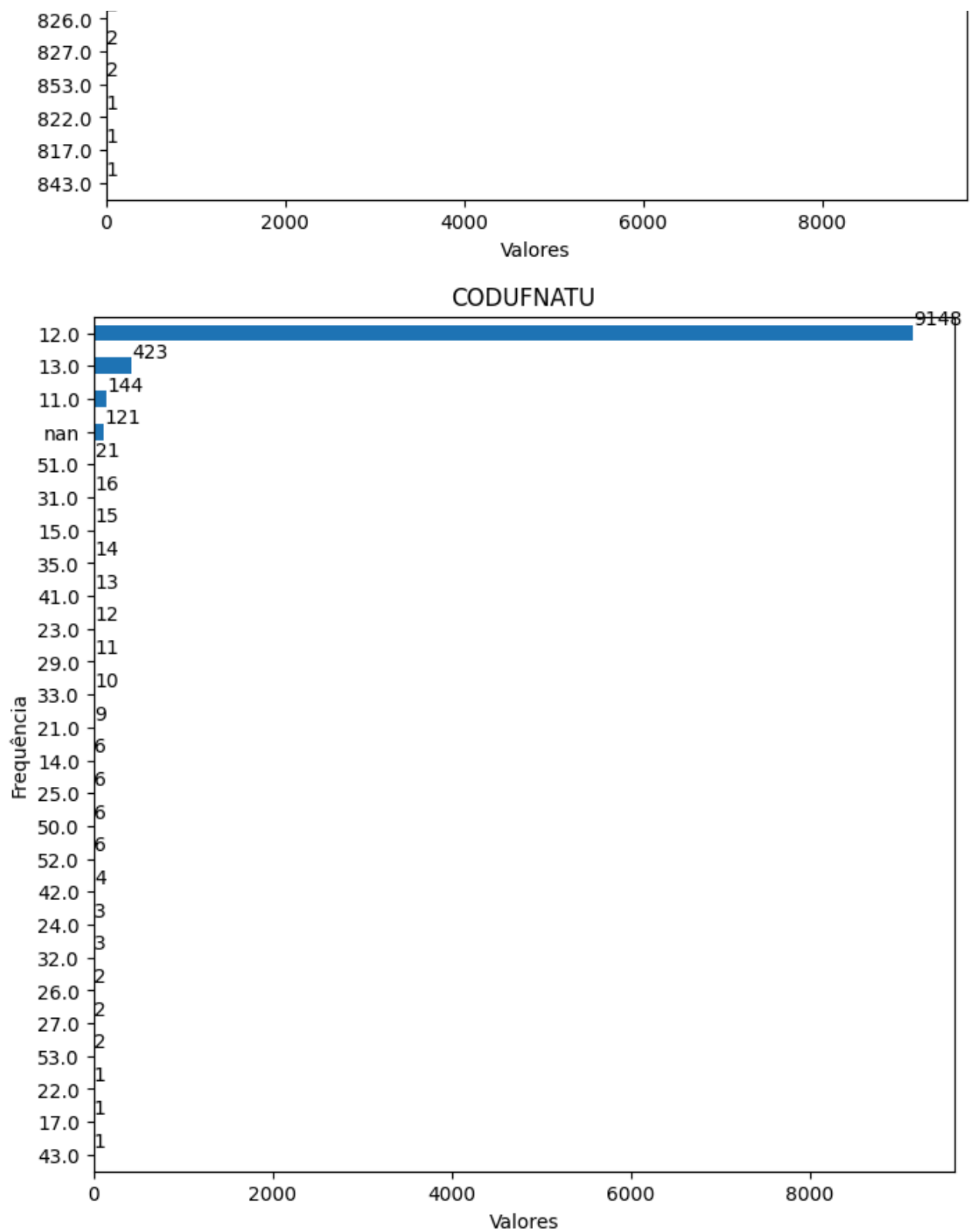
[Mostrar código](#)

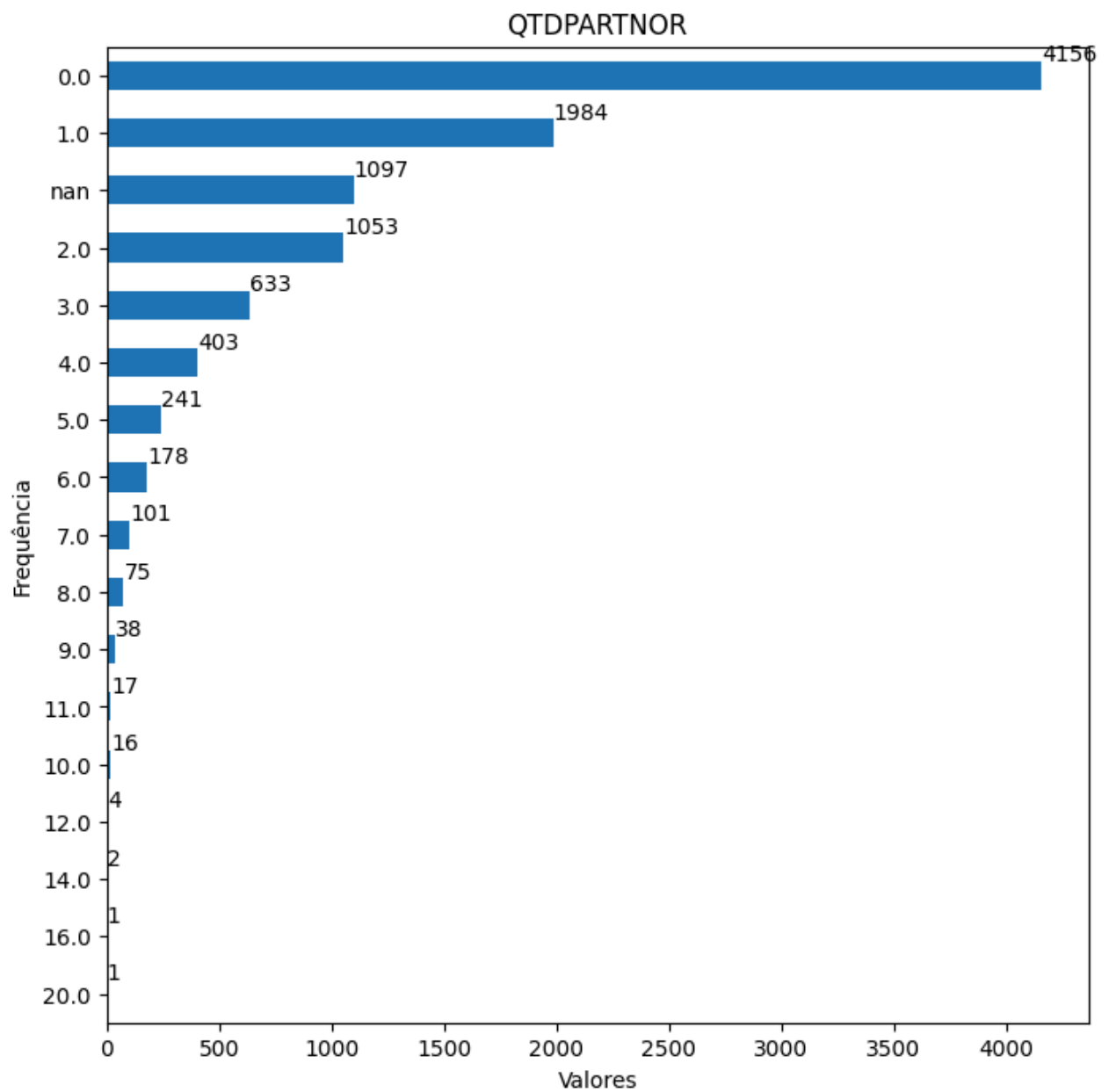
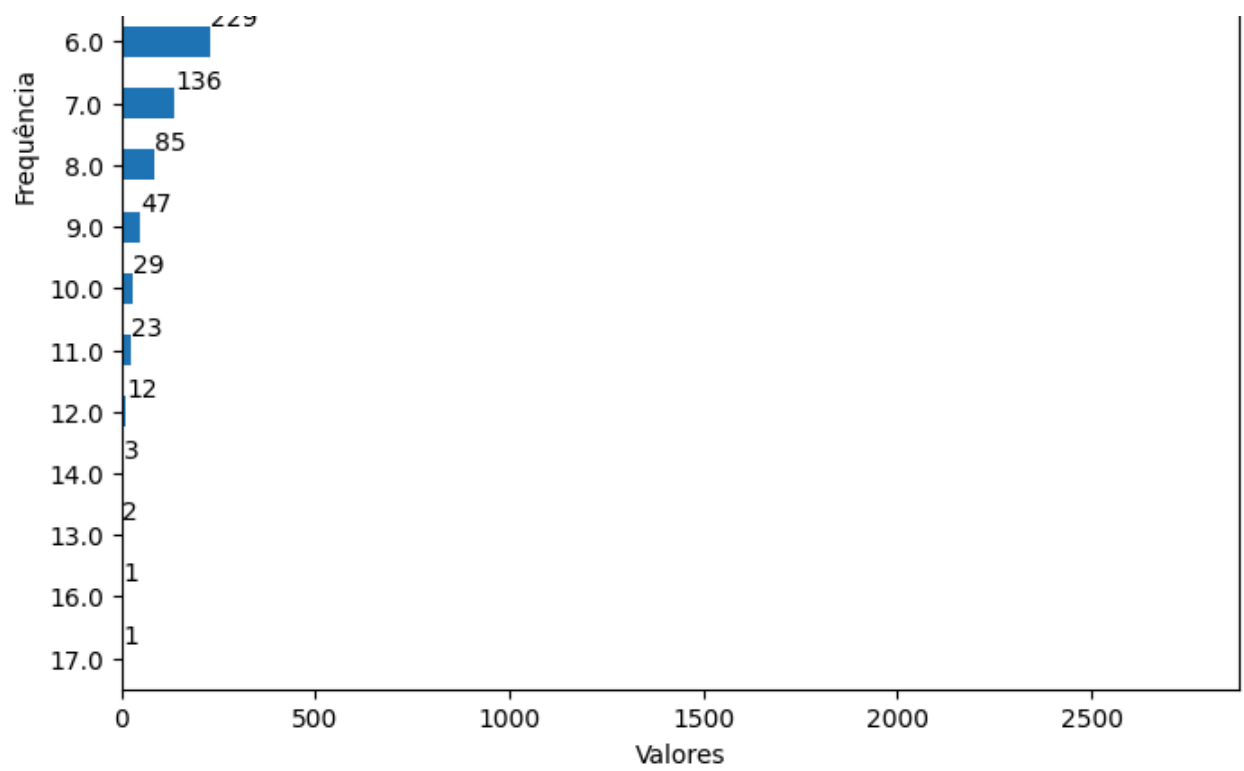




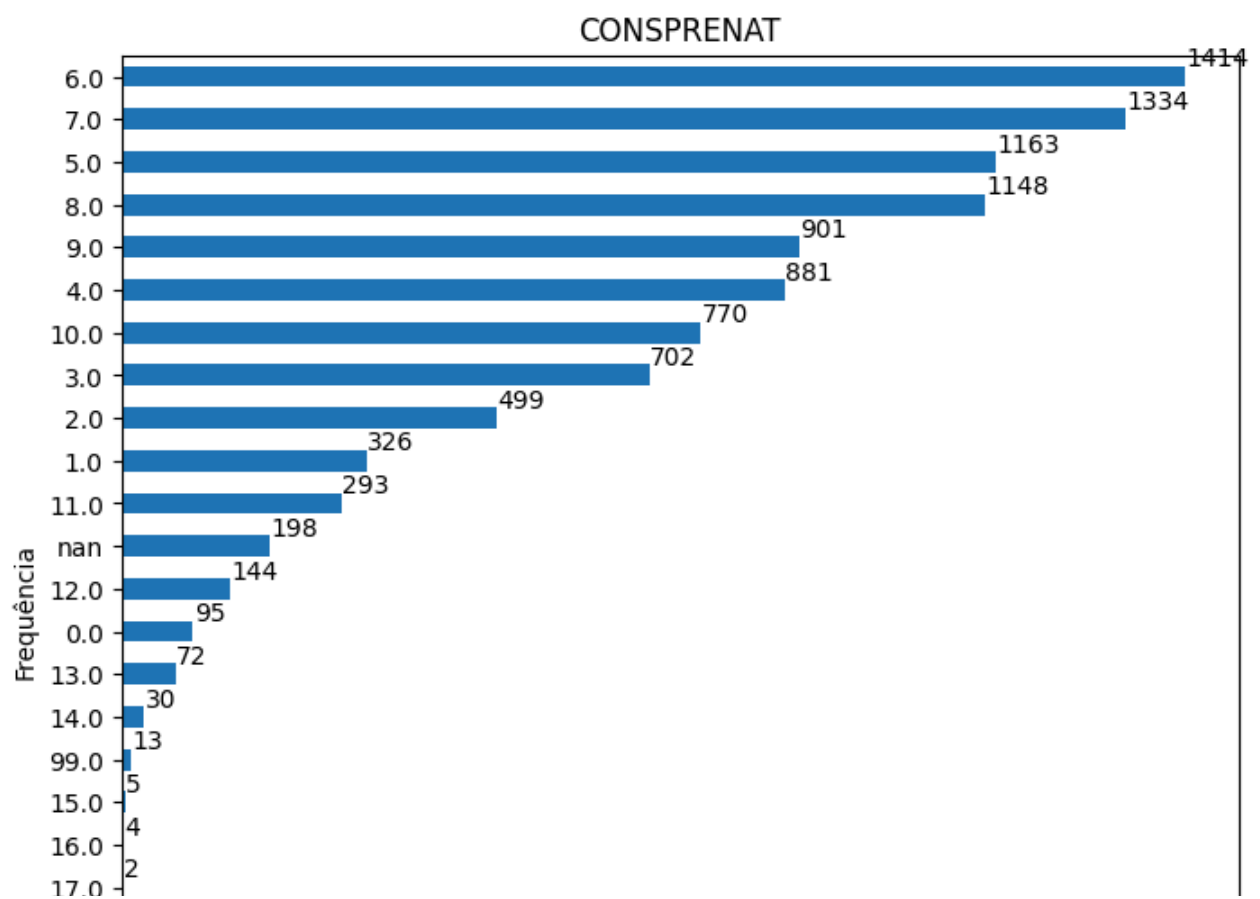
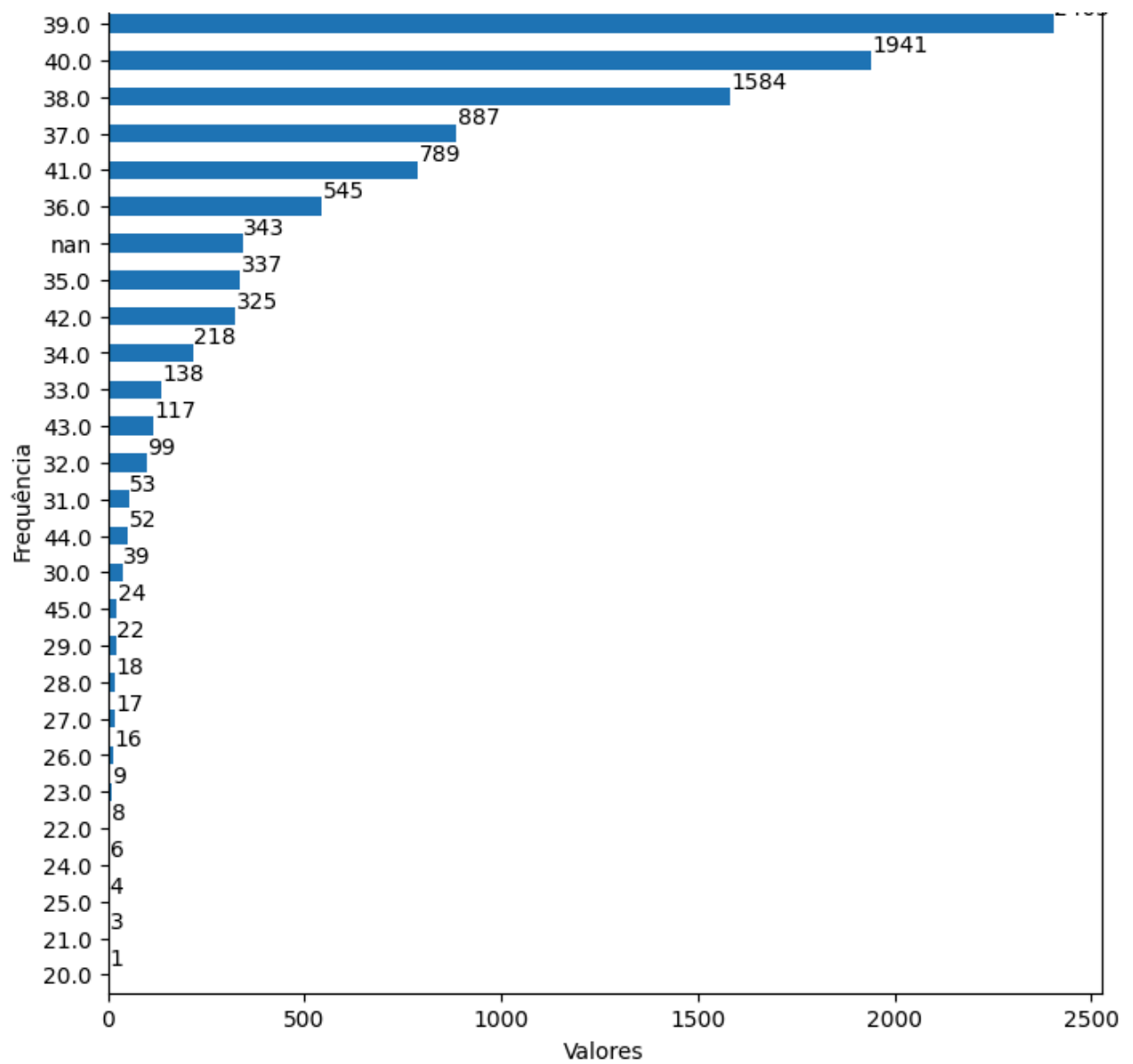


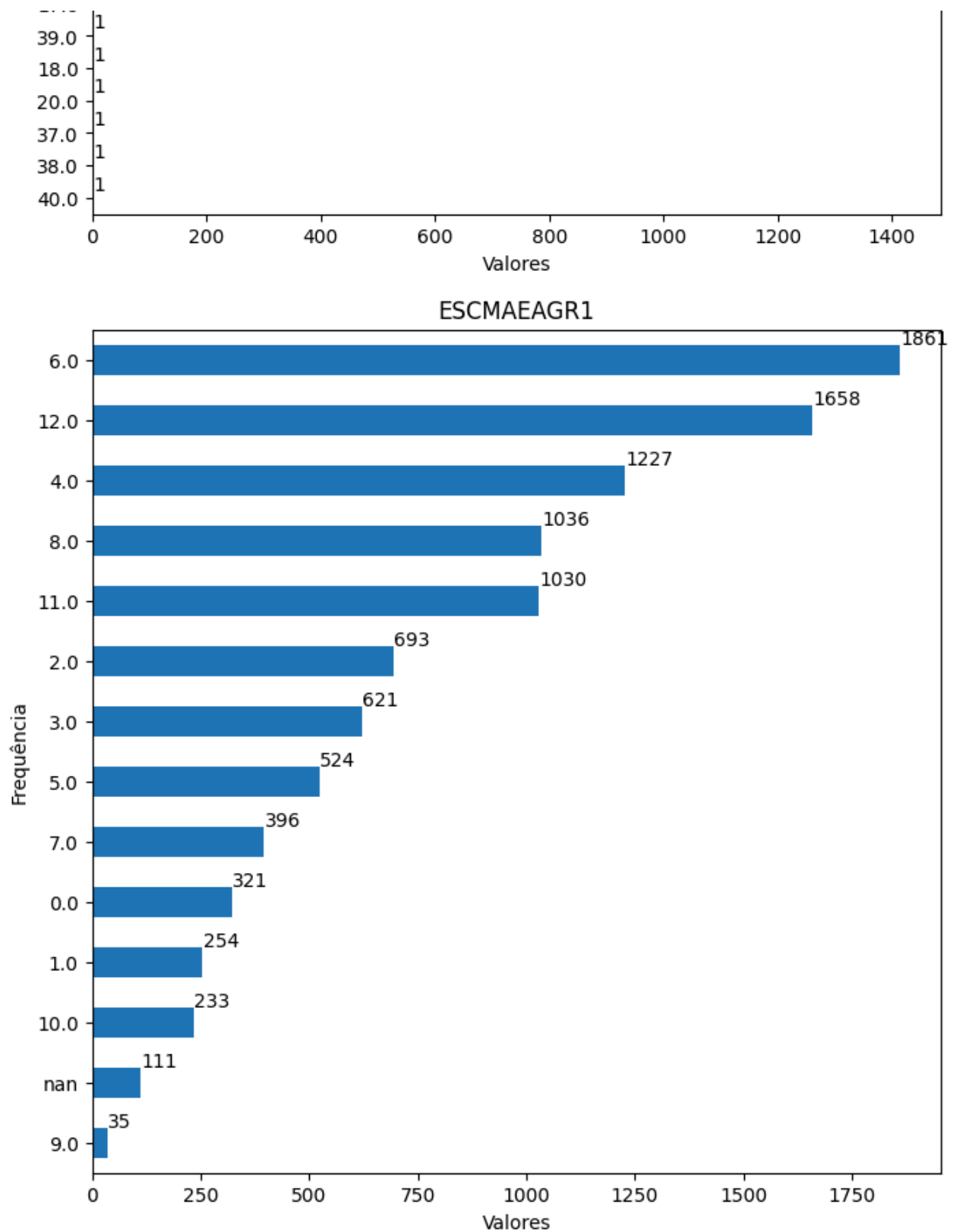






SEMAGESTAC





✓ VALORES ÚNICOS E VALORES DUPLICADOS POR VARIÁVEL

VALORES ÚNICOS

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VALORES DUPLICADOS

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```

<ipython-input-48-ba4443f0c853>:3: FutureWarning: The default of observed=False is deprecated a
df[df.duplicated(keep=False)].groupby(list(df.columns)).size().reset_index(name='duplicates')
ORIGEM  CODESTAB  CODMUNNASC  LOCNASC  IDADEMAE  ESTCIVMAE  ESCMAE  CODOCUPMAE  QTDFILVIVO  QT

```

✓ TABELAS DE FREQUÊNCIA

Mostrar código



	Frequência Absoluta	Frequência Relativa
ORIGEM		
1	10000	100.00%
	Frequência Absoluta	Frequência Relativa
CODESTAB		
2000296.0	2602	26.02%
2000733.0	2372	23.72%
2002078.0	1623	16.23%
2001500.0	882	8.82%
2000636.0	616	6.16%
2000121.0	549	5.49%
NaN	482	4.82%
2000865.0	227	2.27%
2001594.0	109	1.09%
2000970.0	87	0.87%
2000083.0	84	0.84%
5661714.0	70	0.70%
2001020.0	68	0.68%
2000393.0	44	0.44%
5353947.0	38	0.38%
2000997.0	33	0.33%
2000024.0	26	0.26%
5858208.0	25	0.25%
2000725.0	23	0.23%
6497314.0	17	0.17%
5701929.0	11	0.11%
2000822.0	3	0.03%
6205224.0	2	0.02%
2519356.0	1	0.01%
3590992.0	1	0.01%
3970442.0	1	0.01%
2001071.0	1	0.01%
2000954.0	1	0.01%
9194258.0	1	0.01%
2516284.0	1	0.01%
	Frequência Absoluta	Frequência Relativa
CODMUNNASC		

120040	4020	40.20%
120020	2634	26.34%
120010	888	8.88%
120030	693	6.93%
120060	605	6.05%
120050	235	2.35%
120035	185	1.85%
120034	140	1.40%
120032	117	1.17%
120033	96	0.96%
120005	91	0.91%
120039	89	0.89%
120070	47	0.47%
120043	40	0.40%
120038	36	0.36%
120042	31	0.31%
120045	24	0.24%
120001	14	0.14%
110020	5	0.05%
120025	4	0.04%
120017	2	0.02%
420730	1	0.01%
110015	1	0.01%
354880	1	0.01%
520870	1	0.01%

Frequência Absoluta Frequência Relativa

LOCNASC

1	9286	92.86%
3	247	2.47%
2	232	2.32%
5	166	1.66%
4	44	0.44%
9	25	0.25%

Frequência Absoluta Frequência Relativa

IDADEMAE

20.0	595	5.95%
19.0	571	5.71%

22.0	562	5.62%
18.0	556	5.56%
21.0	554	5.54%
24.0	503	5.03%
17.0	498	4.98%
23.0	497	4.97%
26.0	439	4.39%
25.0	428	4.28%
28.0	410	4.10%
27.0	403	4.03%
30.0	396	3.96%
16.0	381	3.81%
31.0	358	3.58%
29.0	354	3.54%
32.0	299	2.99%
33.0	282	2.82%
34.0	268	2.68%
15.0	263	2.63%
35.0	252	2.52%
36.0	218	2.18%
37.0	198	1.98%
39.0	149	1.49%
38.0	148	1.48%
40.0	108	1.08%
14.0	98	0.98%
41.0	68	0.68%
42.0	48	0.48%
13.0	28	0.28%
43.0	20	0.20%
44.0	16	0.16%
45.0	11	0.11%
12.0	6	0.06%
46.0	5	0.05%
48.0	3	0.03%
11.0	3	0.03%
47.0	1	0.01%
50.0	1	0.01%

56.0	1	0.01%
------	---	-------

NaN	1	0.01%
-----	---	-------

	Frequência Absoluta	Frequência Relativa
--	---------------------	---------------------

ESTCIVMAE		
-----------	--	--

5.0	5243	52.43%
1.0	2449	24.49%
2.0	2039	20.39%
9.0	94	0.94%
NaN	91	0.91%
4.0	64	0.64%
3.0	20	0.20%

	Frequência Absoluta	Frequência Relativa
--	---------------------	---------------------

ESMAE		
-------	--	--

4.0	5289	52.89%
3.0	2363	23.63%
5.0	1445	14.45%
2.0	495	4.95%
1.0	334	3.34%
NaN	38	0.38%
9.0	36	0.36%

	Frequência Absoluta	Frequência Relativa
--	---------------------	---------------------

QTDFILVIVO		
------------	--	--

0.0	3010	30.10%
1.0	2751	27.51%
2.0	1528	15.28%
3.0	802	8.02%
NaN	718	7.18%
4.0	460	4.60%
5.0	273	2.73%
6.0	191	1.91%
7.0	109	1.09%
8.0	84	0.84%
9.0	32	0.32%
10.0	21	0.21%
11.0	16	0.16%
12.0	2	0.02%
14.0	2	0.02%

16.0 1 0.01%

Frequência Absoluta Frequência Relativa

QTDFILMORT

0.0	6665	66.65%
NaN	1501	15.01%
1.0	1431	14.31%
2.0	312	3.12%
3.0	70	0.70%
4.0	13	0.13%
5.0	5	0.05%
6.0	3	0.03%

Frequência Absoluta Frequência Relativa

CODMUNRES

120040	2915	29.15%
120020	1680	16.80%
120030	741	7.41%
120060	605	6.05%
120010	501	5.01%
120033	419	4.19%
120035	333	3.33%
120042	318	3.18%
120050	315	3.15%
120025	269	2.69%
120039	224	2.24%
120034	201	2.01%
120005	201	2.01%
120070	198	1.98%
120045	192	1.92%
120080	182	1.82%
120032	163	1.63%
120038	160	1.60%
120013	116	1.16%
120001	112	1.12%
120017	89	0.89%
120043	66	0.66%

Frequência Absoluta Frequência Relativa

GESTACAO

5.0	7606	76.06%
4.0	1337	13.37%
6.0	518	5.18%
NaN	343	3.43%
3.0	132	1.32%
2.0	60	0.60%
1.0	4	0.04%
Frequência Absoluta Frequência Relativa		
GRAVIDEZ		
1.0	9790	97.90%
2.0	196	1.96%
NaN	9	0.09%
9.0	4	0.04%
3.0	1	0.01%
Frequência Absoluta Frequência Relativa		
PARTO		
1.0	5492	54.92%
2.0	4496	44.96%
NaN	8	0.08%
9.0	4	0.04%
Frequência Absoluta Frequência Relativa		
CONSULTAS		
4	4743	47.43%
3	3482	34.82%
2	1537	15.37%
1	225	2.25%
9	13	0.13%
Frequência Absoluta Frequência Relativa		
SEX0		
1	5140	51.40%
2	4860	48.60%
Frequência Absoluta Frequência Relativa		
APGAR1		
8.0	4823	48.23%
9.0	3616	36.16%
7.0	596	5.96%
NaN	438	4.38%

6.0	178	1.78%
10.0	114	1.14%
5.0	91	0.91%
3.0	55	0.55%
4.0	45	0.45%
2.0	31	0.31%
1.0	11	0.11%
0.0	2	0.02%

Frequência Absoluta Frequência Relativa

APGAR5

9.0	5022	50.22%
10.0	3873	38.73%
8.0	450	4.50%
NaN	441	4.41%
7.0	103	1.03%
6.0	45	0.45%
5.0	32	0.32%
3.0	11	0.11%
1.0	8	0.08%
4.0	8	0.08%
2.0	4	0.04%
0.0	3	0.03%

Frequência Absoluta Frequência Relativa

RACACOR

4.0	8546	85.46%
5.0	497	4.97%
1.0	460	4.60%
NaN	268	2.68%
2.0	161	1.61%
3.0	68	0.68%

Frequência Absoluta Frequência Relativa

IDANOMAL

2.0	9396	93.96%
NaN	392	3.92%
9.0	158	1.58%
1.0	54	0.54%

Frequência Absoluta Frequência Relativa

CODANOMAL

NaN	9946	99.46%
Q170	5	0.05%
Q699	5	0.05%
Q690	3	0.03%
Q909	3	0.03%
Q900	2	0.02%
Q660	2	0.02%
Q668	1	0.01%
Q668Q670Q681	1	0.01%
Q670	1	0.01%
Q675	1	0.01%
Q681	1	0.01%
Q700	1	0.01%
Q690Q692	1	0.01%
Q665	1	0.01%
Q713	1	0.01%
Q714	1	0.01%
Q743	1	0.01%
Q793	1	0.01%
Q878	1	0.01%
Q666	1	0.01%
Q000	1	0.01%
Q664	1	0.01%
Q375	1	0.01%
Q160	1	0.01%
Q170Q172	1	0.01%
Q172	1	0.01%
Q174Q749Q898	1	0.01%
Q211Q250Q909	1	0.01%
Q353Q870	1	0.01%
Q359Q379	1	0.01%
Q422	1	0.01%
Q039	1	0.01%
Q423	1	0.01%
Q525	1	0.01%
Q541	1	0.01%

Q543Q793	1	0.01%
Q564	1	0.01%
Q620Q621	1	0.01%
Q620Q642	1	0.01%
Q660Q870	1	0.01%

Frequência Absoluta Frequência Relativa

VERSAOSIST

3.2.01	8752	87.52%
3.2.50	924	9.24%
NaN	203	2.03%
3.2.02	84	0.84%
3.2.00	37	0.37%

Frequência Absoluta Frequência Relativa

NATURALMAE

812.0	9148	91.48%
813.0	423	4.23%
811.0	144	1.44%
NaN	121	1.21%
851.0	21	0.21%
831.0	16	0.16%
815.0	15	0.15%
835.0	14	0.14%
841.0	13	0.13%
823.0	12	0.12%
829.0	11	0.11%
833.0	10	0.10%
821.0	9	0.09%
814.0	6	0.06%
825.0	6	0.06%
850.0	6	0.06%
852.0	6	0.06%
842.0	4	0.04%
824.0	3	0.03%
832.0	3	0.03%
826.0	2	0.02%
827.0	2	0.02%
853.0	2	0.02%