

Equivalent population(inhab.eq) with Outlier Detection(Tukey's Method)

Data

12/26/2022

12/29/2024

EstadoEnvioEnki

☒ Em Processamento

☒ Enviado

☒ Sem Estado

TipoAmostragem

☒ (Blank)

☒ Composta

☒ Pontual

Proveniencia

☒ Externa

☒ Interna

☒ Interno/Exerno

Select Station (Check average & median of equivalent population)

DesignacaoGNA

Select All

☐ ETAR Valhelhas

76,170...

2,309.08

☒ ETAR Castelo Branco

62,266...

53,817...

☒ ETAR Portalegre

44,832...

38,443...

☒ ETAR Santa Cita

43,196...

36,760...

☒ ETAR Evora

40,716...

37,805...

☐ ETAR Sao Miguel

29,959...

29,272...

☐ ETAR Fundao

29,235...

22,858...

☐ ETAR Entroncamento

24,385...

21,914...

☐ ETAR Seia

15,143...

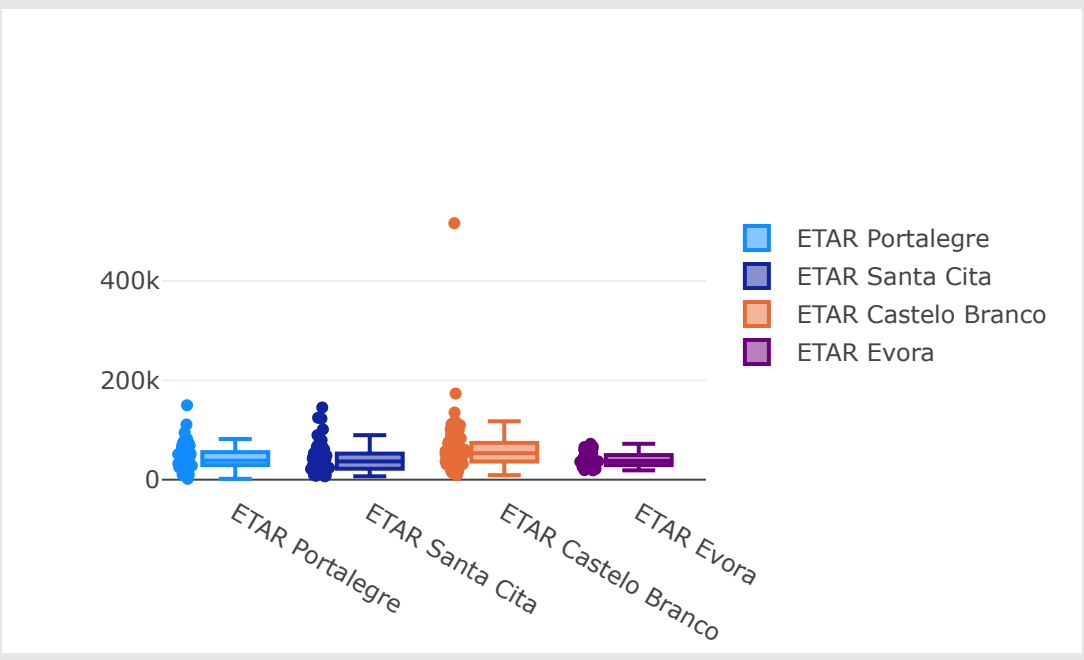
10,703...

☐ ETAR Reguengos de Monsaraz

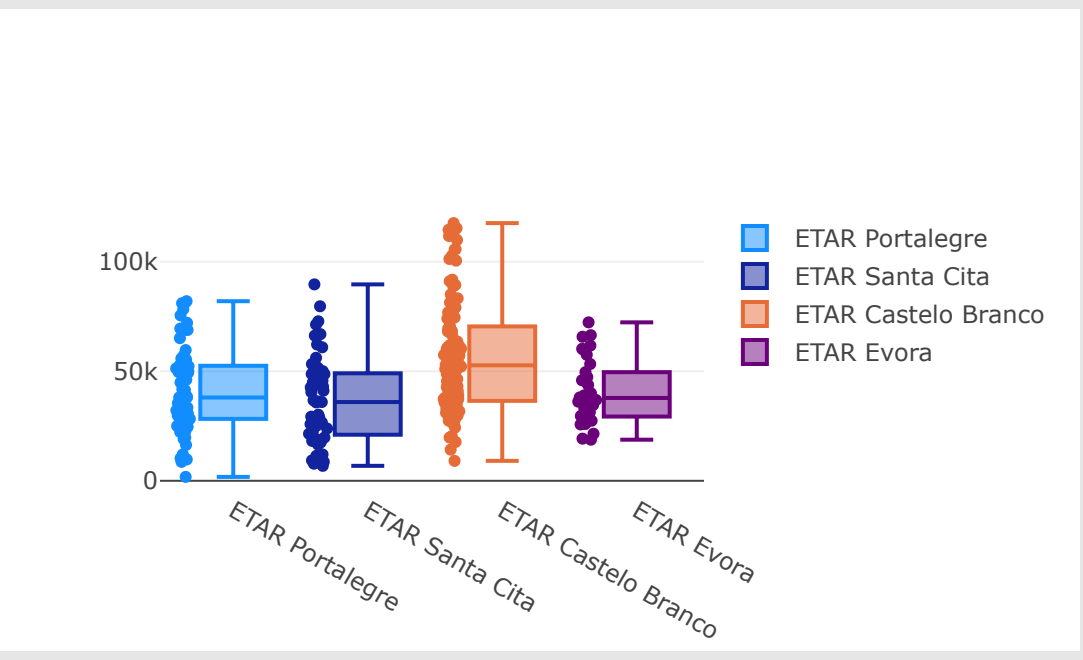
15,008...

8,462.12

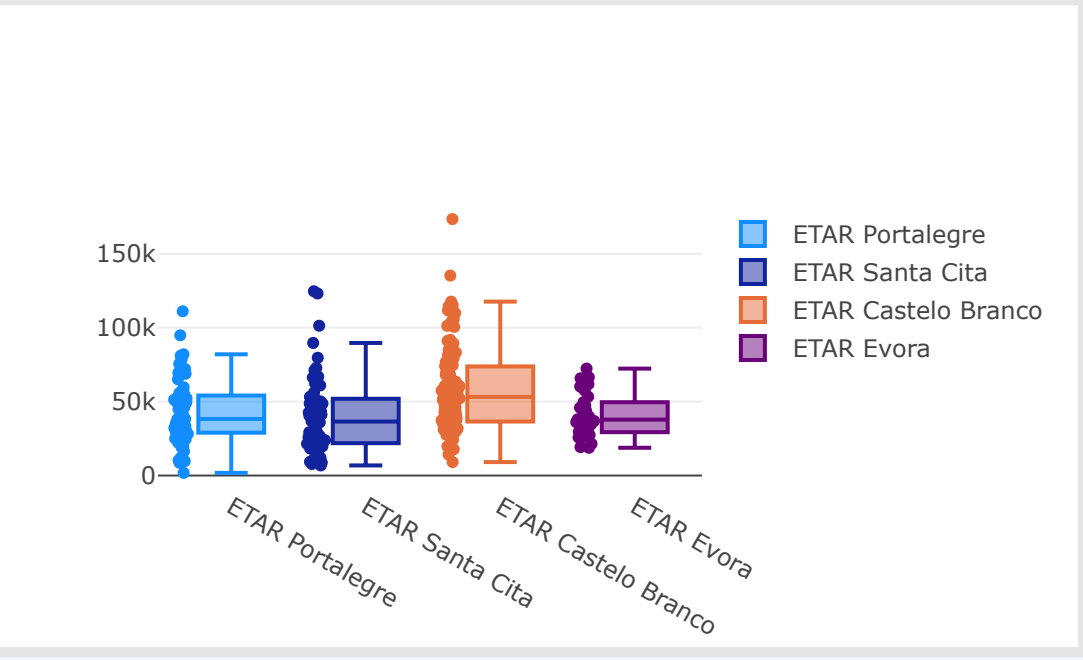
BoxPlot of Equivalent population (with outliers)



BoxPlot of Equivalent population (without mild and extreme outliers)



BoxPlot of Equivalent population (without extreme outliers)



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Select Station

DesignacaoGNA

Select All

☐ ETAR Valhelhas153

☒ ETAR Ponte de Sor147

☒ ETAR Sao Miguel133

☒ ETAR Torrao133

☒ ETAR Fundao130

☐ ETAR Entroncamento129

☐ ETAR Castelo Branco114

☐ ETAR Belmonte113

☐ ETAR Vila Nova da Barq..110

☐ ETAR Oliveira do Hospi...103

Proveniencia

☒ Externa

☒ Interna

☒ Interno/Exerno

TipoAmostragem

☒ (Blank)

☒ Composta

☒ Pontual

Average and median population of all data

DesignacaoGNA	Average of Equivalent_population	Median of Equivalent_population	Count of DesignacaoGNA	Average of Q_15_with_allData	Average of Q_85_with
ETAR Portalegre	44832.01	38443.33	65	22,514.10	€
ETAR Santa Cita	43196.91	36760.83	57	17,942.40	€
ETAR Sao Miguel	29959.78	29272.00	132	19,105.87	/

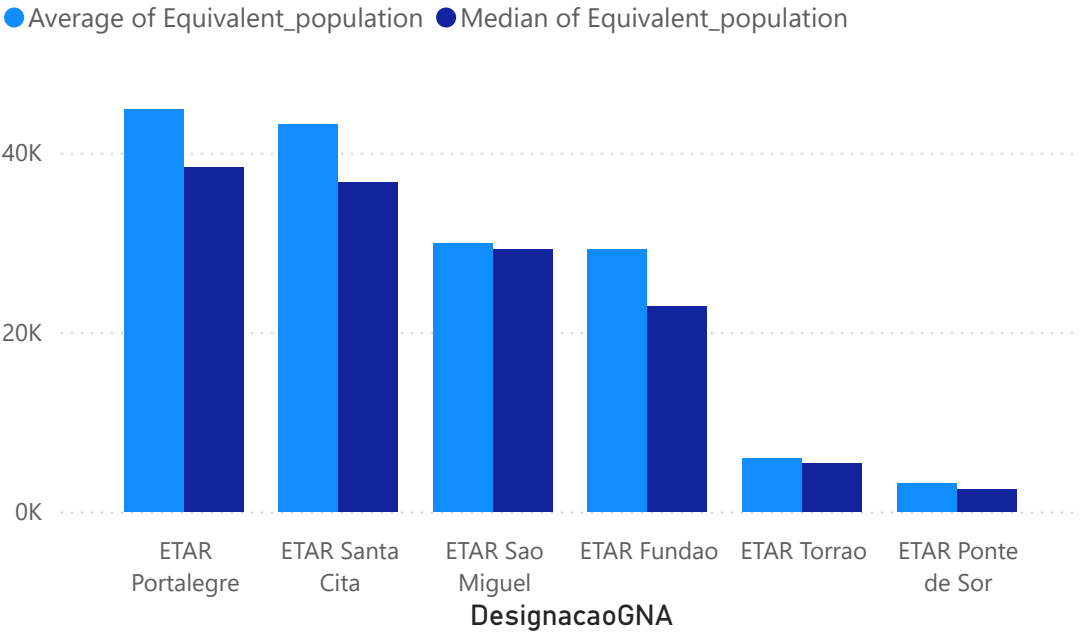
Average and median population of data without mild and extreme outliers

DesignacaoGNA	Average of Equivalent_population	Median of Equivalent_population	Count of DesignacaoGNA	Average of Q_15_no_Outliers	Average of Q_85_no_Outliers
ETAR Portalegre	41262.19	38007.92	62	22,335.52	64,297.41
ETAR Santa Cita	37127.37	35949.33	53	17,725.07	57,110.40
ETAR Sao Miguel	30167.18	29413.50	132	19,203.30	41,407.46

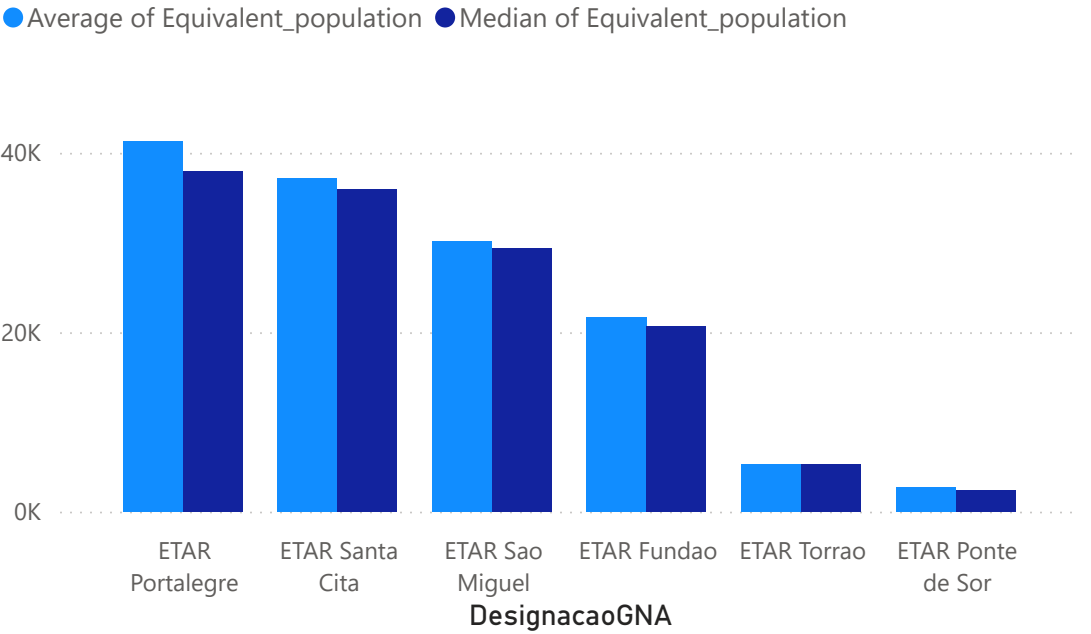
Average and median population of data without extreme outliers

DesignacaoGNA	Average of Equivalent_population	Median of Equivalent_population	Count of DesignacaoGNA	Average of Q_15_without_extreme_Outliers	Average of Q_85_
ETAR Ponte de Sor	3084.78	2504.83	146	919.56	
ETAR Torrao	5631.93	5361.12	131	2,794.75	
ETAR Fundao	27793.86	22592.05	128	11,561.69	

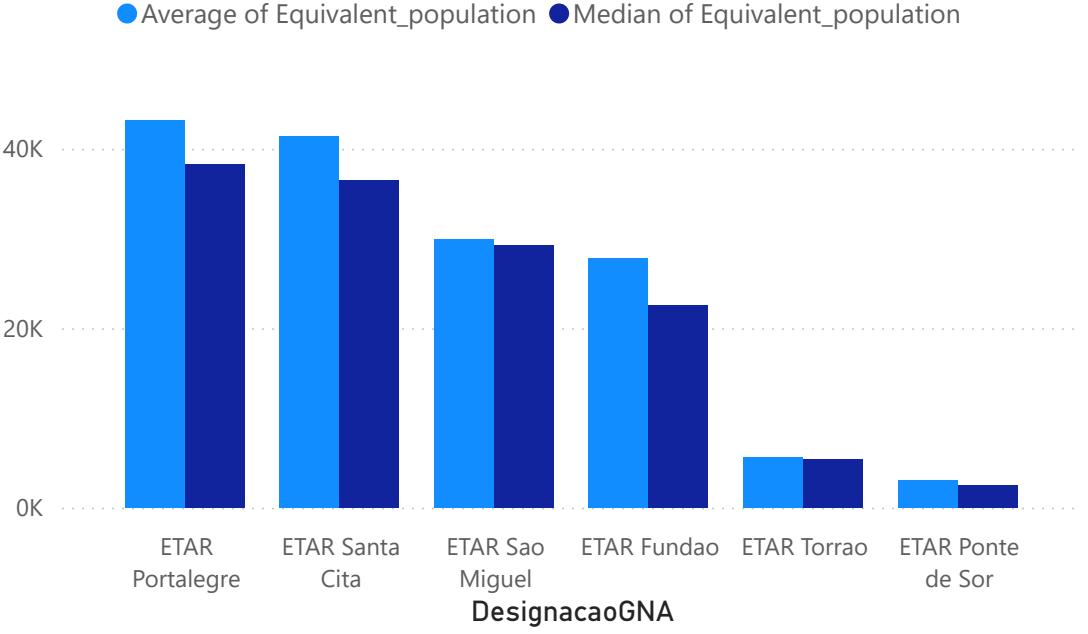
Average and median population of data with all data



Average and median population of data without mild and extreme outliers



Average and median population of data without extreme outliers



Data

12/26/2022

12/29/2024



Select Station

DesignacaoGNA

Select All

- ☐ ETAR Valhelhas 153
- ☒ ETAR Ponte de Sor 145
- ☒ ETAR Sao Miguel 133
- ☒ ETAR Torrao 133
- ☒ ETAR Fundao 130
- ☐ ETAR Entroncamento 129
- ☐ ETAR Belmonte 113
- ☐ ETAR Castelo Branco 112
- ☐ ETAR Vila Nova da Barq.. 110
- ☐ ETAR Oliveira do Hospi... 103

EstadoEnvioEnki

☐ Em Processamento

☒ Enviado

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Proveniencia

☒ Externa

☒ Interna

☒ Interno/Exerno

TipoAmostragem

☒ (Blank)

☒ Composta

☒ Pontual

Average and median population of all data 2023

DesignacaoGNA	Average of Equivalent_population	Median of Equivalent_pc
ETAR Santa Cita	40305.99	
ETAR Fundao	39131.51	
ETAR Portalegre	37778.94	
ETAR Sao Miguel	31087.87	
ETAR Torrao	6059.60	
ETAR Ponte de Sor	3178.30	

Average and median population of data without mild and extreme outliers 2023

DesignacaoGNA	Average of Equivalent_population	Median of Equivalent_popula
ETAR Ponte de Sor	2571.00	226
ETAR Torrao	5299.43	532
ETAR Sao Miguel	31526.42	3078
ETAR Fundao	23468.29	2135
ETAR Portalegre	33774.77	3032
ETAR Santa Cita	37294.30	3238

Average and median population of data without extreme outliers 2023

DesignacaoGNA	Average of Equivalent_population	Median of Equivalent_popula
ETAR Ponte de Sor	3178.30	237
ETAR Torrao	5299.43	532
ETAR Sao Miguel	31087.87	3050
ETAR Portalegre	33774.77	3032
ETAR Fundao	37170.81	2567
ETAR Santa Cita	40305.99	3580

Average and median population of all data 2024

DesignacaoGNA	Average of Equivalent_population	Median of Equivalent_p
ETAR Portalegre	50513.66	
ETAR Santa Cita	46191.08	
ETAR Sao Miguel	28848.52	
ETAR Fundao	21746.11	
ETAR Torrao	5969.55	
ETAR Ponte de Sor	3308.21	

Average and median population of data without mild and extreme outliers 2024

DesignacaoGNA	Average of Equivalent_population	Median of Equivalent_popula
ETAR Fundao	20729.04	1923
ETAR Ponte de Sor	2866.82	250
ETAR Portalegre	47428.29	4968
ETAR Santa Cita	36940.41	3676
ETAR Sao Miguel	28848.52	2820
ETAR Torrao	5207.12	490

Average and median population of data without extreme outliers 2024

DesignacaoGNA	Average of Equivalent_population	Median of Equivalent_popu
ETAR Ponte de Sor	3030.28	25
ETAR Torrao	5969.55	57
ETAR Fundao	20729.04	192
ETAR Sao Miguel	28848.52	282
ETAR Santa Cita	42517.35	404
ETAR Portalegre	50513.66	501

Data

12/26/2022

12/29/2024

Select Station

DesignacaoGNA

Select All

- | | | |
|-------------------------------------|---------------------|-----|
| <input type="checkbox"/> | ETAR Valhelhas | 153 |
| <input type="checkbox"/> | ETAR Ponte de Sor | 147 |
| <input type="checkbox"/> | ETAR Sao Miguel | 133 |
| <input type="checkbox"/> | ETAR Torrao | 133 |
| <input type="checkbox"/> | ETAR Fundao | 130 |
| <input type="checkbox"/> | ETAR Entroncamento | 129 |
| <input checked="" type="checkbox"/> | ETAR Castelo Branco | 114 |

Proveniencia

- ☒ Externa
- ☒ Interna
- ☒ Interno/Exerno

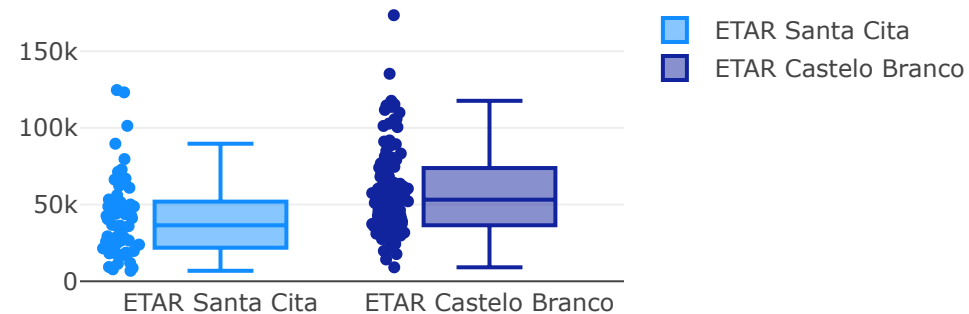
EstadoEnvioEnki

- ☒ Em Processamento
- ☒ Enviado
- ☒ Sem Estado

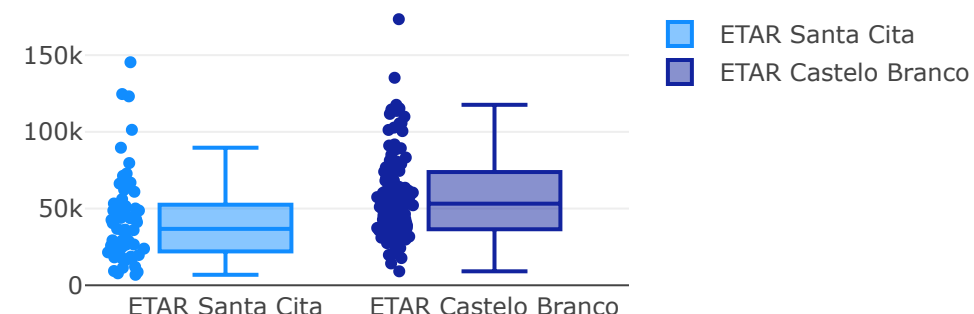
TipoAmostragem

- ☒ (Blank)
- ☒ Composta
- ☒ Pontual

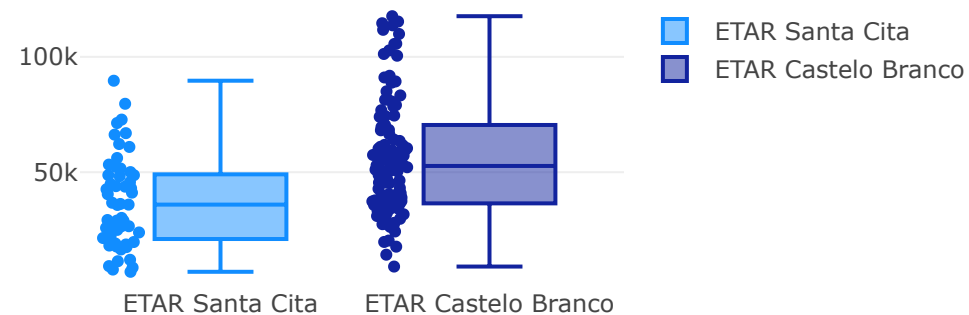
BoxPlot of Equivalent population (without extreme outliers for e.p.)



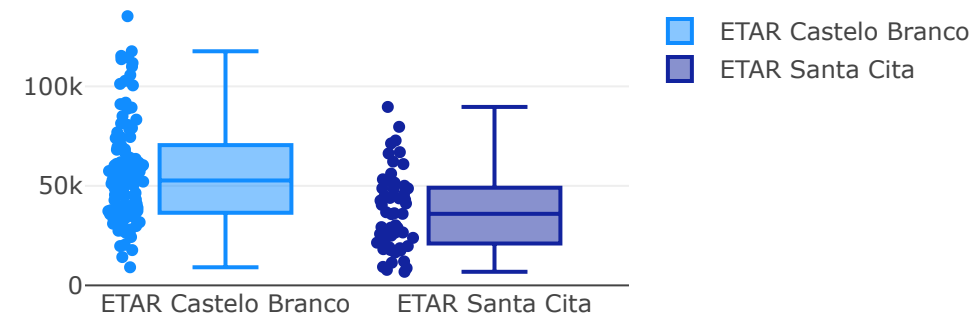
BoxPlot of Equivalent population (without extreme outliers for CB05)



BoxPlot of Equivalent population (without mild and extreme outliers for e.p.)



BoxPlot of Equivalent population (without mild and extreme outliers for CB05)



Data

12/26/2022 12/29/2024

Select Station

DesignacaoGNA

☒ Select All

<input type="checkbox"/> ETAR Valhelhas	153
<input type="checkbox"/> ETAR Ponte de Sor	147
<input type="checkbox"/> ETAR Sao Miguel	133
<input type="checkbox"/> ETAR Torrao	133
<input type="checkbox"/> ETAR Fundao	130
<input type="checkbox"/> ETAR Entroncamento	129
<input checked="" type="checkbox"/> ETAR Castelo Branco	114

Proveniencia

- ☒ Externa
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EstadoEnvioEnki

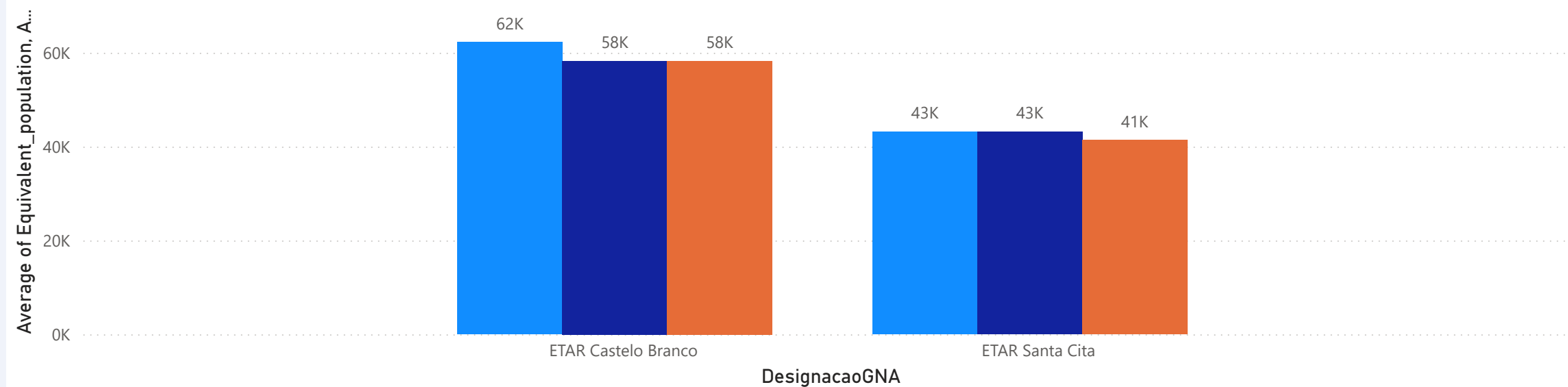
- ☒ Em Processamento
- ☒ Enviado
- ☒ Sem Estado

TipoAmostragem

- ☒ (Blank)
- ☒ Composta
- ☒ Pontual

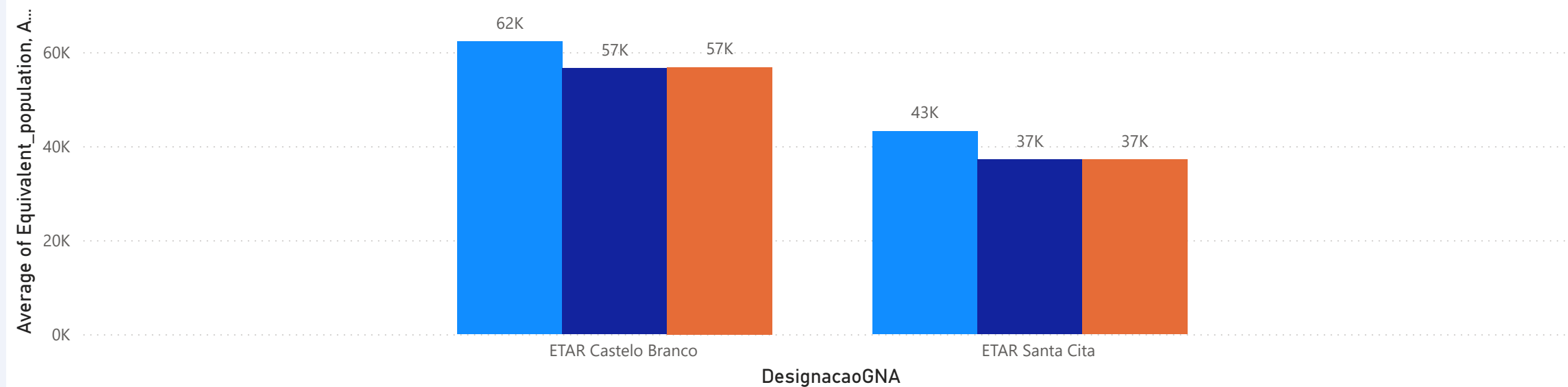
Comparison of average of e.p.

● Average of Equivalent_population ● Average of Equivalent_population with no extreme ouliers CBO5 ● Average of Equivalent_population with no extreme ouliers E.P



Comparison of average of e.p.

● Average of Equivalent_population ● Average of Equivalent_population without outliers for E.P. ● Average of Equivalent_population without outliers for CBO5



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12/26/2022

12/29/2024

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DesignacaoGNA

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☐ ETAR Ponte de Sor147

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☐ ETAR Torrao133

☐ ETAR Fundao130

☐ ETAR Entroncamento129

☒ ETAR Castelo Branco114

Proveniencia

☒ Externa

☒ Interna

☒ Interno/Exerno

EstadoEnvioEnki

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☒ Enviado

☒ Sem Estado

TipoAmostragem

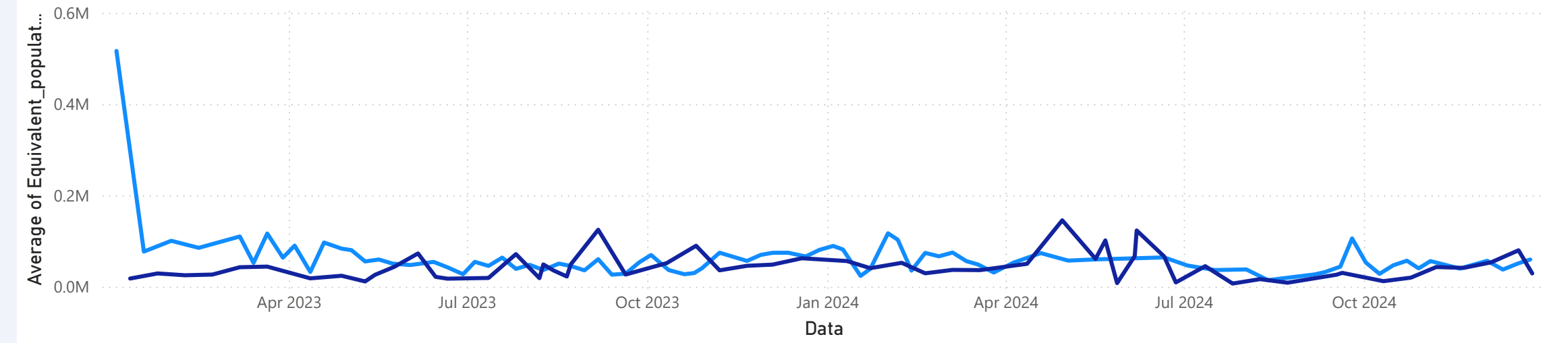
☒ (Blank)

☒ Composta

☒ Pontual

Evolution of Equivalent_population with all data

DesignacaoGNA ● ETAR Castelo Branco ● ETAR Santa Cita



Evolution of Equivalent_population without outliers

DesignacaoGNA ● ETAR Castelo Branco ● ETAR Santa Cita

