

PyCAMA report generated by trop12-proc

trop12-proc

2025-03-01 (02:01)

1 Short Introduction

1.1 The list of parameters

You may want to keep the list given in table 1 at hand when viewing the results.

2 Definitions

The averages shown here are *unweighted* averages:

$$\bar{x} = \frac{1}{N} \sum_{i=1}^N x_i \quad (1)$$

with N the number of observations in the dataset.

The spread of the measurements is indicated with the variance $V(x)$, or rather the standard deviation $\sigma(x) = \sqrt{V(x)}$.

$$V(x) = \frac{1}{N-1} \sum_{i=1}^N (x_i - \bar{x})^2 \quad (2)$$

We also report the more robust statistics median, minimum, maximum, various percentiles and inter quartile range.

The median m is the value of parameter x for which half of the observations of x is smaller than m :

$$P(x \leq m) = P(x \geq m) = \int_{-\infty}^m f(x) dx = \frac{1}{2} \quad (3)$$

with $f(x)$ the probability density function.

The median is a special case of a percentile. Instead of $1/2$ in equation 3, other threshold values can be used. We report results for 1 %, 5 %, 10 %, 15.9 %, 25 %, 75 %, 84.1 %, 90 %, 95 % and 99 %. The inter quartile range is the difference between the 75 % and 25 % percentiles. Similarly the minimum and maximum values correspond to the 0 % and 100 % percentiles respectively.

For normally distributed parameters the mean and median are the same, while the $\mu \pm \sigma$ values and the 15.9 % and 84.1 % percentiles coincide.

To get a measure for the relation of one variable $x_{(k)}$ with another $x_{(l)}$, we calculate the covariance matrix C_{kl} .

$$C_{kl} = C(x_{(k)}, x_{(l)}) = \frac{1}{N-1} \sum_{i=1}^N (x_{(k),i} - \bar{x}_{(k)})(x_{(l),i} - \bar{x}_{(l)}) \quad (4)$$

Rather than a dimensionally dependent covariance, it is often easier to interpret a correlation matrix R_{kl} , a matrix of Pearson's r coefficients:

$$R_{kl} = R(x_{(k)}, x_{(l)}) = \frac{C_{kl}}{\sqrt{C_{kk}C_{ll}}} = \frac{C_{kl}}{\sqrt{V(x_k)V(x_l)}} \quad (5)$$

The diagonal elements of the covariance matrix are the variances of the elements, $V(x_{(k)}) = C_{kk}$ and obviously $R_{kk} = 1$.

Variable	mean $\pm \sigma$
qa value [1]	0.828 ± 0.257
ozone total vertical column [mol m ⁻²]	0.136 ± 0.025
ozone total vertical column precision [mol m ⁻²]	$(3.625 \pm 3.942) \times 10^{-3}$
ozone slant column density [mol m ⁻²]	0.502 ± 0.275
ozone slant column precision [mol m ⁻²]	$(3.813 \pm 4.289) \times 10^{-3}$
number of iterations slant column [1]	3.03 ± 0.27
root mean square slant column fit [1]	$(1.473 \pm 1.657) \times 10^{-3}$
fitted radiance shift [nm]	$(-8.043 \pm 33.087) \times 10^{-4}$
fitted radiance squeeze [1]	$(1.214 \pm 3.431) \times 10^{-4}$
ozone total air mass factor [1]	3.77 ± 1.86
ozone effective temperature [K]	231 ± 9
number of iterations vertical column [1]	2.06 ± 0.55

Table 1: Parameterlist and basic statistics for the analysis

	Count	Mode	IQR	Median	Minimum	Maximum
mean $\pm \sigma$						
qa value [1]	23342393	0.905	0.140	0.900	0.0	1.000
ozone total vertical column [mol m ⁻²]	23342393	0.122	2.414×10^{-2}	0.127	1.822×10^{-2}	0.319
ozone total vertical column precision [mol m ⁻²]	23342393	2.025×10^{-3}	1.207×10^{-3}	2.278×10^{-3}	8.458×10^{-4}	7.461×10^{-2}
ozone slant column density [mol m ⁻²]	23342393	0.255	0.320	0.404	2.834×10^{-2}	1.86
ozone slant column precision [mol m ⁻²]	23342393	1.995×10^{-3}	1.302×10^{-3}	2.342×10^{-3}	8.517×10^{-4}	6.611×10^{-2}
number of iterations slant column [1]	23342393	3.00	0.0	3.00	2.00	13.0
root mean square slant column fit [1]	23342393	7.500×10^{-4}	5.035×10^{-4}	9.047×10^{-4}	3.237×10^{-4}	2.575×10^{-2}
fitted radiance shift [nm]	23342393	-1.500×10^{-3}	2.555×10^{-3}	-1.100×10^{-3}	-6.550×10^{-2}	4.892×10^{-2}
fitted radiance squeeze [1]	23342393	1.000×10^{-4}	3.202×10^{-4}	1.252×10^{-4}	-7.344×10^{-3}	1.595×10^{-2}
ozone total air mass factor [1]	23342393	2.15	1.84	3.08	1.68	11.8
ozone effective temperature [K]	23342393	230	9.90	231	-1.196×10^3	337
number of iterations vertical column [1]	23342393	2.14	0.0	2.00	1.000	15.0

Table 2: Percentile ranges

Variable	1 %	5 %	10 %	15.9 %	25 %	75 %	84.1 %	90 %	95 %	99 %
qa value [1]	0.0	4.000×10^{-2}	0.430	0.660	0.860	1.000	1.000	1.000	1.000	1.000
ozone total vertical column [mol m^{-2}]	0.110	0.113	0.115	0.116	0.119	0.143	0.157	0.179	0.194	0.213
ozone total vertical column precision [mol m^{-2}]	1.446×10^{-3}	1.625×10^{-3}	1.730×10^{-3}	1.819×10^{-3}	1.934×10^{-3}	3.141×10^{-3}	4.428×10^{-3}	6.777×10^{-3}	1.209×10^{-2}	2.170×10^{-2}
ozone slant column density [mol m^{-2}]	0.237	0.247	0.257	0.269	0.294	0.614	0.767	0.921	1.10	1.42
ozone slant column precision [mol m^{-2}]	1.463×10^{-3}	1.651×10^{-3}	1.762×10^{-3}	1.854×10^{-3}	1.975×10^{-3}	3.276×10^{-3}	4.699×10^{-3}	7.254×10^{-3}	1.300×10^{-2}	2.347×10^{-2}
number of iterations slant column [1]	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	4.00
root mean square slant column fit [1]	5.647×10^{-4}	6.371×10^{-4}	6.798×10^{-4}	7.156×10^{-4}	7.623×10^{-4}	1.266×10^{-3}	1.814×10^{-3}	2.802×10^{-3}	5.018×10^{-3}	9.068×10^{-3}
fitted radiance shift [nm]	-9.818×10^{-3}	-5.274×10^{-3}	-3.765×10^{-3}	-2.950×10^{-3}	-2.249×10^{-3}	3.057×10^{-4}	1.415×10^{-3}	2.710×10^{-3}	4.917×10^{-3}	1.021×10^{-2}
fitted radiance squeeze [1]	-1.041×10^{-3}	-3.312×10^{-4}	-1.919×10^{-4}	-1.122×10^{-4}	-3.138×10^{-5}	2.889×10^{-4}	3.768×10^{-4}	4.620×10^{-4}	5.935×10^{-4}	9.912×10^{-4}
ozone total air mass factor [1]	2.11	2.16	2.22	2.30	2.46	4.30	5.50	6.75	8.15	9.75
ozone effective temperature [K]	204	212	220	224	227	237	239	241	243	252
number of iterations vertical column [1]	1.000	1.000	2.00	2.00	2.00	2.00	2.00	3.00	3.00	4.00

Table 3: Parameterlist and basic statistics for the analysis for observations in the northern hemisphere

Variable	mean $\pm \sigma$	Count	IQR	Median	Minimum	Maximum	25 % percentile	75 % percentile
qa value [1]	0.792 ± 0.288	11364599	0.200	0.900	0.0	1.000	0.800	1.000
ozone total vertical column [mol m ⁻²]	0.147 ± 0.030	11364599	4.988×10^{-2}	0.138	9.417×10^{-2}	0.313	0.121	0.171
ozone total vertical column precision [mol m ⁻²]	$(4.334 \pm 4.818) \times 10^{-3}$	11364599	1.953×10^{-3}	2.470×10^{-3}	9.009×10^{-4}	5.228×10^{-2}	2.011×10^{-3}	3.963×10^{-3}
ozone slant column density [mol m ⁻²]	0.569 ± 0.313	11364599	0.414	0.479	0.223	1.86	0.317	0.731
ozone slant column precision [mol m ⁻²]	$(4.583 \pm 5.253) \times 10^{-3}$	11364599	2.127×10^{-3}	2.541×10^{-3}	9.014×10^{-4}	6.031×10^{-2}	2.052×10^{-3}	4.179×10^{-3}
number of iterations slant column [1]	3.05 ± 0.33	11364599	0.0	3.00	2.00	7.00	3.00	3.00
root mean square slant column fit [1]	$(1.770 \pm 2.030) \times 10^{-3}$	11364599	8.216×10^{-4}	9.813×10^{-4}	3.509×10^{-4}	2.286×10^{-2}	7.923×10^{-4}	1.614×10^{-3}
fitted radiance shift [nm]	$(-1.647 \pm 34.636) \times 10^{-4}$	11364599	2.652×10^{-3}	-6.196×10^{-4}	-4.754×10^{-2}	4.074×10^{-2}	-1.698×10^{-3}	9.537×10^{-4}
fitted radiance squeeze [1]	$(1.340 \pm 3.722) \times 10^{-4}$	11364599	3.403×10^{-4}	1.276×10^{-4}	-5.718×10^{-3}	6.881×10^{-3}	-3.594×10^{-5}	3.044×10^{-4}
ozone total air mass factor [1]	3.96 ± 1.97	11364599	2.15	3.21	1.97	11.8	2.52	4.67
ozone effective temperature [K]	227 ± 10	11364599	9.72	228	179	296	223	233
number of iterations vertical column [1]	2.11 ± 0.62	11364599	0.0	2.00	1.000	15.0	2.00	2.00

Variable	mean $\pm \sigma$	Count	IQR	Median	Minimum	Maximum	25 % percentile	75 % percentile
qa value [1]	0.862 ± 0.218	11977794	0.1000	0.900	0.0	1.000	0.900	1.000
ozone total vertical column [mol m ⁻²]	0.125 ± 0.010	11977794	1.419×10^{-2}	0.123	1.822×10^{-2}	0.319	0.118	0.132
ozone total vertical column precision [mol m ⁻²]	$(2.953 \pm 2.707) \times 10^{-3}$	11977794	8.037×10^{-4}	2.160×10^{-3}	8.458×10^{-4}	7.461×10^{-2}	1.880×10^{-3}	2.683×10^{-3}
ozone slant column density [mol m ⁻²]	0.438 ± 0.214	11977794	0.230	0.366	2.834×10^{-2}	1.45	0.282	0.512
ozone slant column precision [mol m ⁻²]	$(3.082 \pm 2.927) \times 10^{-3}$	11977794	8.673×10^{-4}	2.219×10^{-3}	8.517×10^{-4}	6.611×10^{-2}	1.919×10^{-3}	2.787×10^{-3}
number of iterations slant column [1]	3.01 ± 0.19	11977794	0.0	3.00	2.00	13.0	3.00	3.00
root mean square slant column fit [1]	$(1.190 \pm 1.130) \times 10^{-3}$	11977794	3.355×10^{-4}	8.571×10^{-4}	3.237×10^{-4}	2.575×10^{-2}	7.410×10^{-4}	1.076×10^{-3}
fitted radiance shift [nm]	$(-1.411 \pm 3.033) \times 10^{-3}$	11977794	2.287×10^{-3}	-1.546×10^{-3}	-6.550×10^{-2}	4.892×10^{-2}	-2.650×10^{-3}	-3.624×10^{-4}
fitted radiance squeeze [1]	$(1.094 \pm 3.125) \times 10^{-4}$	11977794	3.036×10^{-4}	1.232×10^{-4}	-7.344×10^{-3}	1.595×10^{-2}	-2.732×10^{-5}	2.763×10^{-4}
ozone total air mass factor [1]	3.59 ± 1.72	11977794	1.60	2.96	1.68	11.2	2.42	4.02
ozone effective temperature [K]	235 ± 6	11977794	8.42	234	-1.196×10^3	337	230	239
number of iterations vertical column [1]	2.02 ± 0.46	11977794	0.0	2.00	1.000	13.0	2.00	2.00

Variable	mean $\pm \sigma$	Count	IQR	Median	Minimum	Maximum	25 % percentile	75 % percentile
qa value [1]	0.868 ± 0.229	14670792	0.1000	0.900	0.0	1.000	0.900	1.000
ozone total vertical column [mol m ⁻²]	0.133 ± 0.024	14670792	2.150×10^{-2}	0.123	8.652×10^{-2}	0.263	0.117	0.139
ozone total vertical column precision [mol m ⁻²]	$(3.237 \pm 3.792) \times 10^{-3}$	14670792	7.636×10^{-4}	2.125×10^{-3}	8.458×10^{-4}	5.228×10^{-2}	1.865×10^{-3}	2.629×10^{-3}
ozone slant column density [mol m ⁻²]	0.445 ± 0.257	14670792	0.206	0.357	0.212	1.81	0.281	0.487
ozone slant column precision [mol m ⁻²]	$(3.391 \pm 4.140) \times 10^{-3}$	14670792	8.082×10^{-4}	2.177×10^{-3}	8.517×10^{-4}	6.031×10^{-2}	1.904×10^{-3}	2.712×10^{-3}
number of iterations slant column [1]	3.02 ± 0.27	14670792	0.0	3.00	2.00	7.00	3.00	3.00
root mean square slant column fit [1]	$(1.309 \pm 1.598) \times 10^{-3}$	14670792	3.123×10^{-4}	8.406×10^{-4}	3.237×10^{-4}	2.286×10^{-2}	7.349×10^{-4}	1.047×10^{-3}
fitted radiance shift [nm]	$(-8.804 \pm 33.423) \times 10^{-4}$	14670792	2.554×10^{-3}	-1.134×10^{-3}	-4.049×10^{-2}	4.892×10^{-2}	-2.321×10^{-3}	2.323×10^{-4}
fitted radiance squeeze [1]	$(1.161 \pm 3.145) \times 10^{-4}$	14670792	2.975×10^{-4}	1.123×10^{-4}	-7.079×10^{-3}	6.881×10^{-3}	-3.272×10^{-5}	2.648×10^{-4}
ozone total air mass factor [1]	3.37 ± 1.59	14670792	1.12	2.83	1.79	11.5	2.39	3.52
ozone effective temperature [K]	231 ± 8	14670792	8.37	231	159	296	227	236
number of iterations vertical column [1]	2.04 ± 0.54	14670792	0.0	2.00	1.000	15.0	2.00	2.00

Variable	mean $\pm \sigma$	Count	IQR	Median	Minimum	Maximum	25 % percentile	75 % percentile
qa value [1]	0.758 ± 0.288	6724706	0.250	0.900	0.0	1.000	0.650	0.900
ozone total vertical column [mol m ⁻²]	0.137 ± 0.020	6724706	1.946×10^{-2}	0.131	9.848×10^{-2}	0.319	0.122	0.142
ozone total vertical column precision [mol m ⁻²]	$(4.155 \pm 3.920) \times 10^{-3}$	6724706	1.999×10^{-3}	2.628×10^{-3}	8.701×10^{-4}	7.461×10^{-2}	2.118×10^{-3}	4.117×10^{-3}
ozone slant column density [mol m ⁻²]	0.577 ± 0.267	6724706	0.392	0.532	0.219	1.84	0.347	0.739
ozone slant column precision [mol m ⁻²]	$(4.388 \pm 4.246) \times 10^{-3}$	6724706	2.198×10^{-3}	2.731×10^{-3}	8.647×10^{-4}	6.611×10^{-2}	2.170×10^{-3}	4.368×10^{-3}
number of iterations slant column [1]	3.04 ± 0.26	6724706	0.0	3.00	2.00	13.0	3.00	3.00
root mean square slant column fit [1]	$(1.695 \pm 1.641) \times 10^{-3}$	6724706	8.498×10^{-4}	1.056×10^{-3}	3.273×10^{-4}	2.575×10^{-2}	8.381×10^{-4}	1.688×10^{-3}
fitted radiance shift [nm]	$(-8.485 \pm 31.701) \times 10^{-4}$	6724706	2.414×10^{-3}	-1.208×10^{-3}	-6.550×10^{-2}	4.269×10^{-2}	-2.251×10^{-3}	1.638×10^{-4}
fitted radiance squeeze [1]	$(1.132 \pm 3.885) \times 10^{-4}$	6724706	3.566×10^{-4}	1.410×10^{-4}	-7.344×10^{-3}	5.551×10^{-3}	-3.929×10^{-5}	3.173×10^{-4}
ozone total air mass factor [1]	4.44 ± 2.13	6724706	2.99	3.84	1.98	11.6	2.65	5.63
ozone effective temperature [K]	232 ± 11	6724706	13.4	232	134	337	226	240
number of iterations vertical column [1]	2.10 ± 0.55	6724706	0.0	2.00	1.000	14.0	2.00	2.00

3 Granule outlines

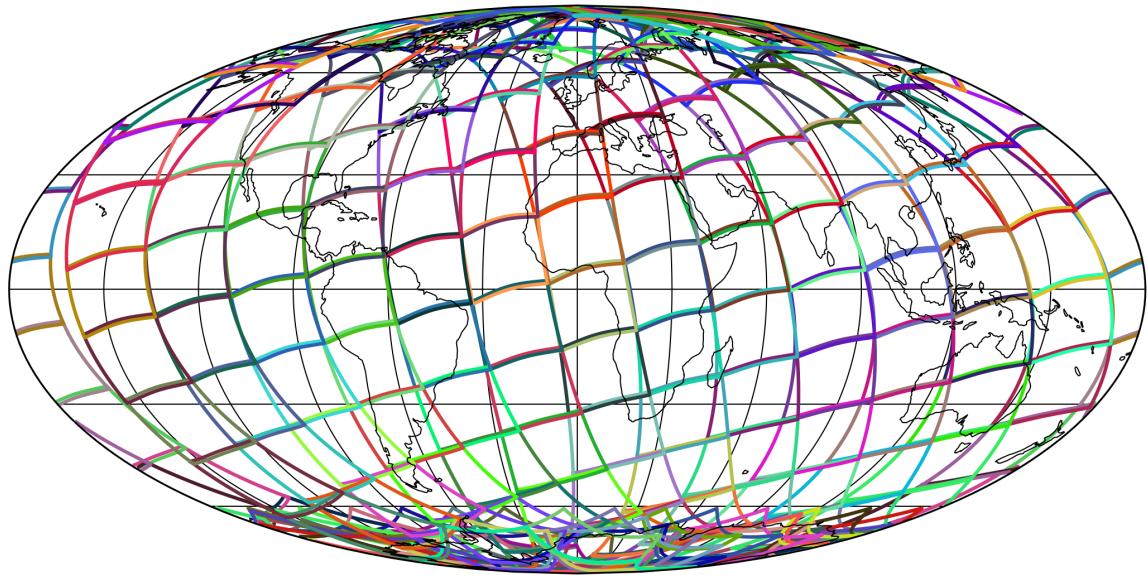


Figure 1: Outline of the granules.

4 Input data monitoring

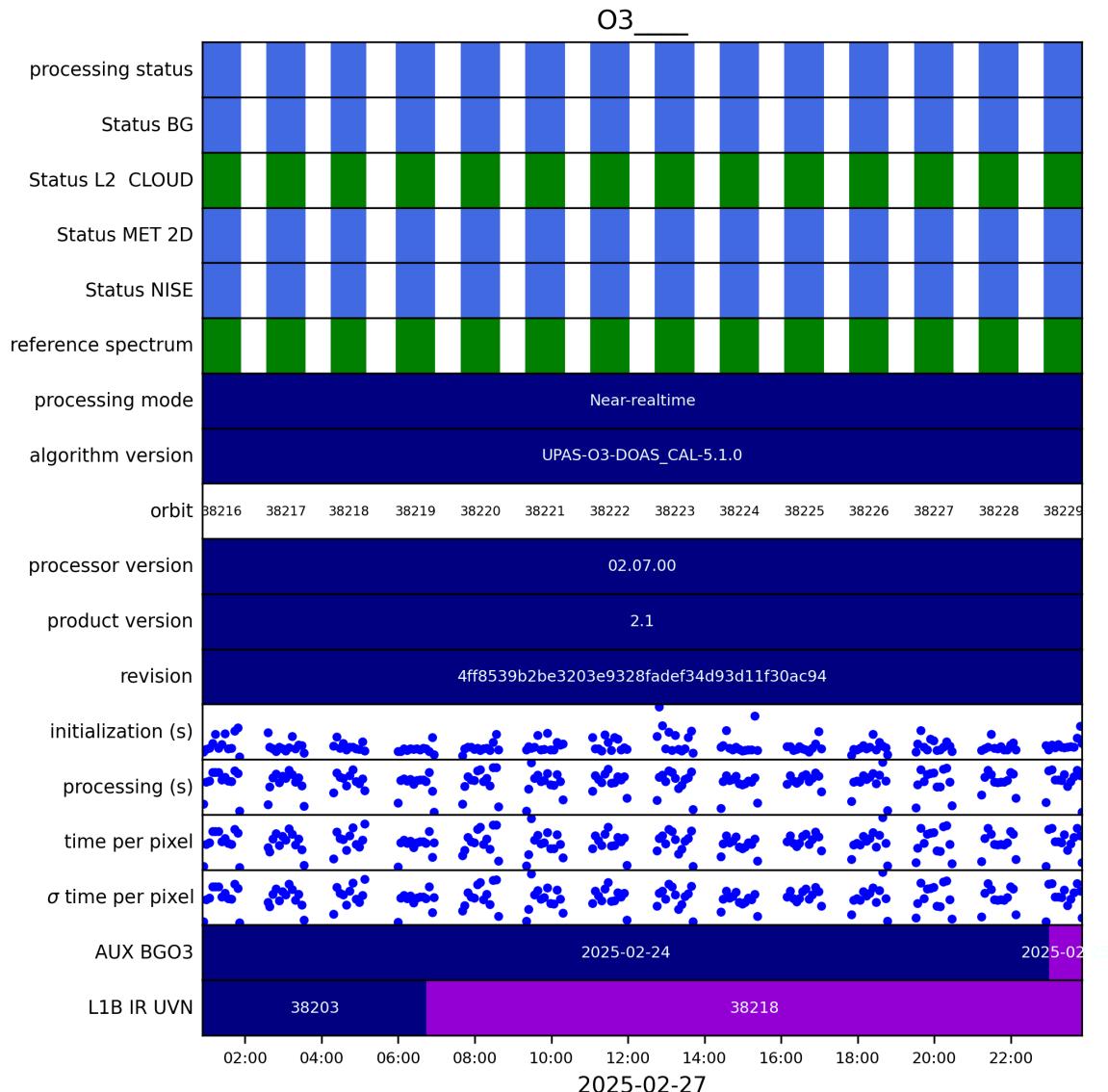


Figure 2: Input data per granule

5 Warnings and errors

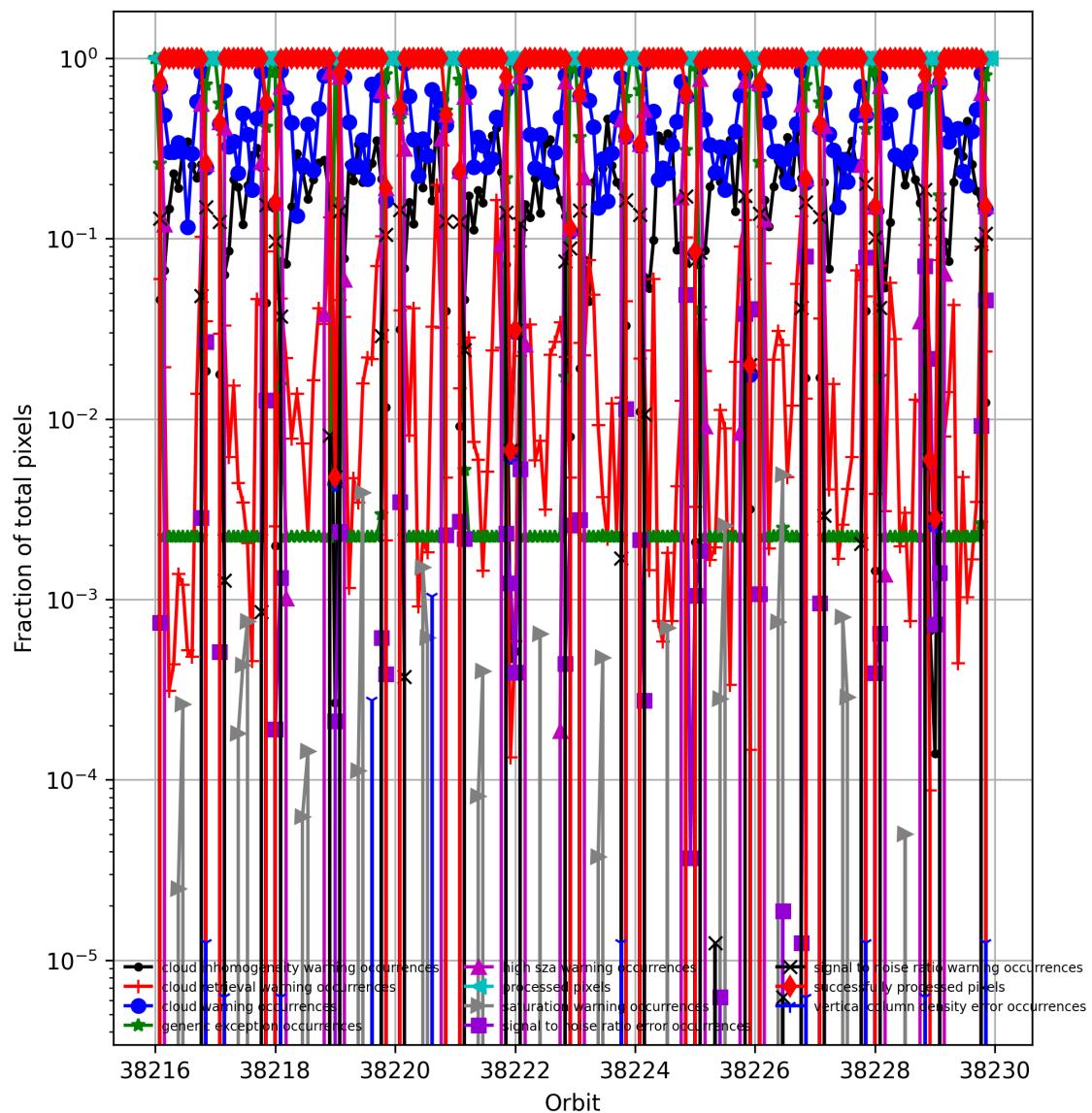


Figure 3: Fraction of pixels with specific warnings and errors during processing

6 World maps

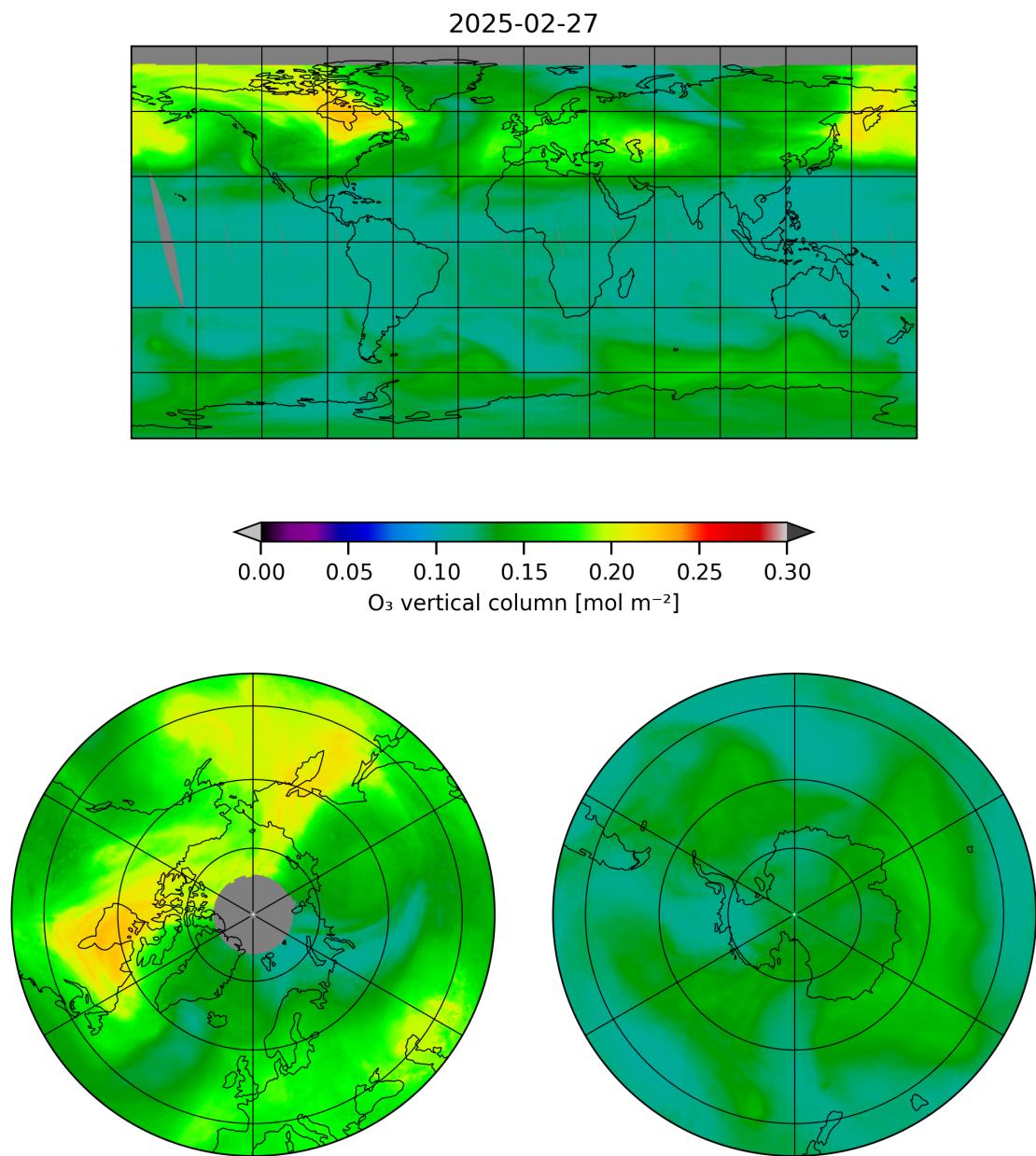


Figure 4: Map of “O₃ vertical column” for 2025-02-27 to 2025-02-27

2025-02-27

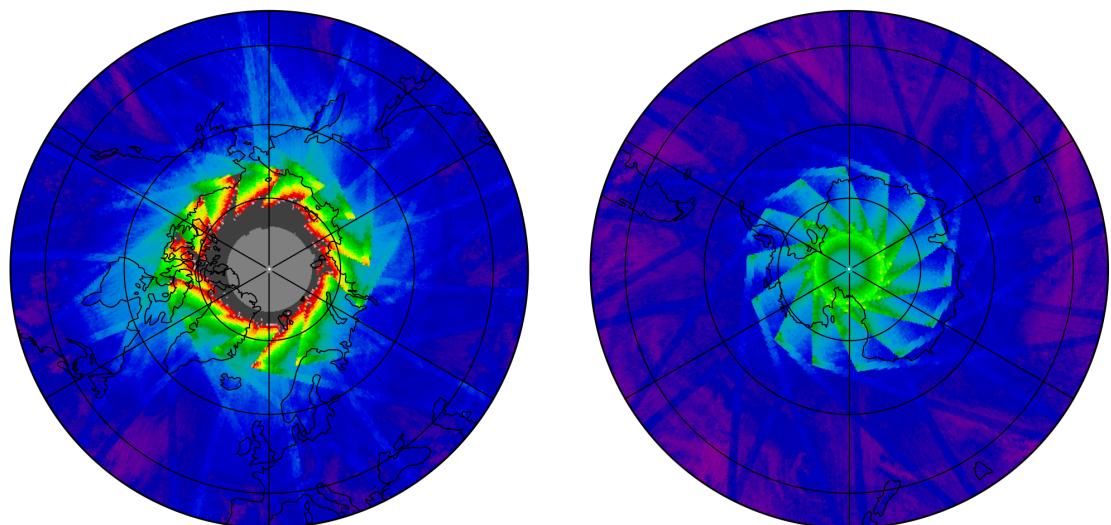
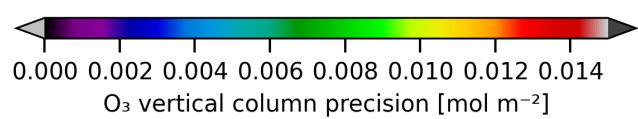
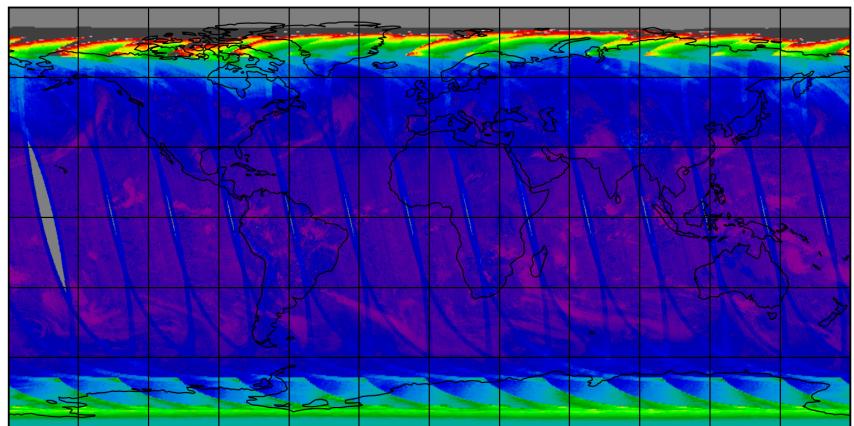


Figure 5: Map of “O₃ vertical column precision” for 2025-02-27 to 2025-02-27

2025-02-27

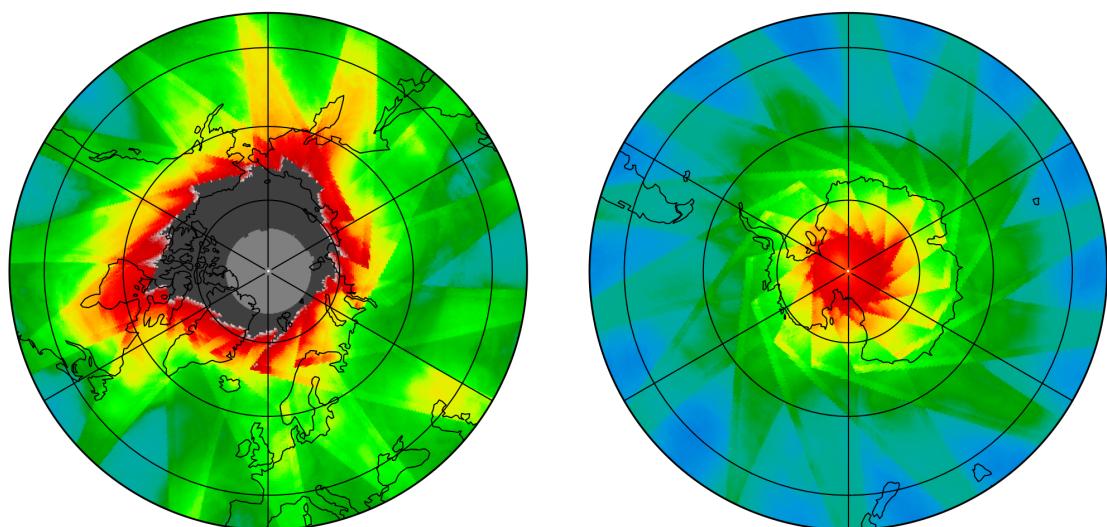
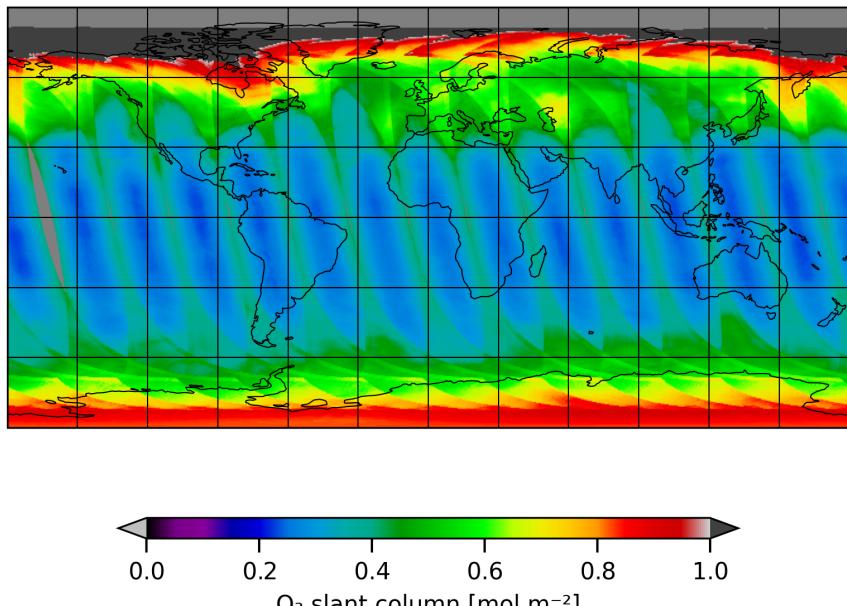


Figure 6: Map of “O₃ slant column” for 2025-02-27 to 2025-02-27

2025-02-27

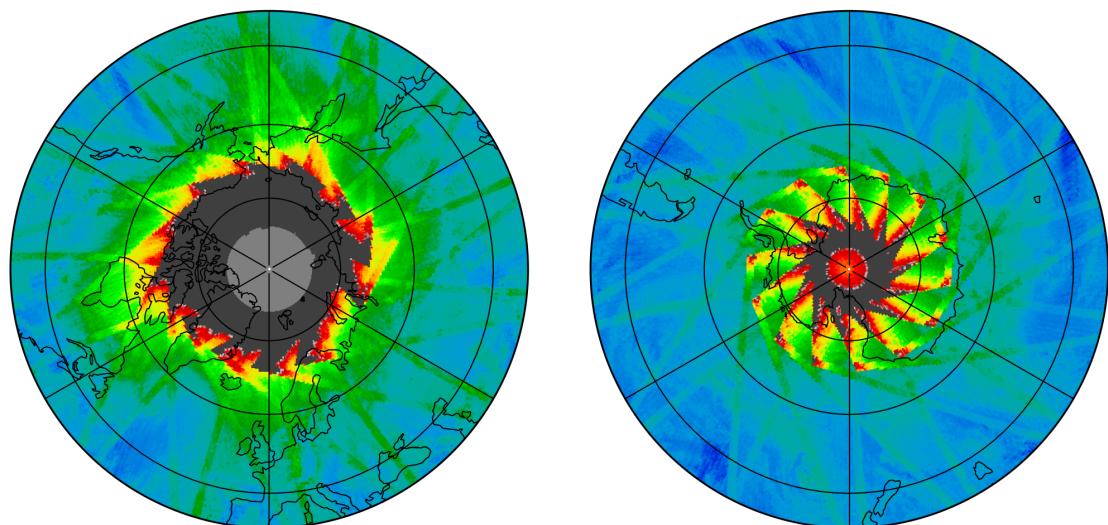
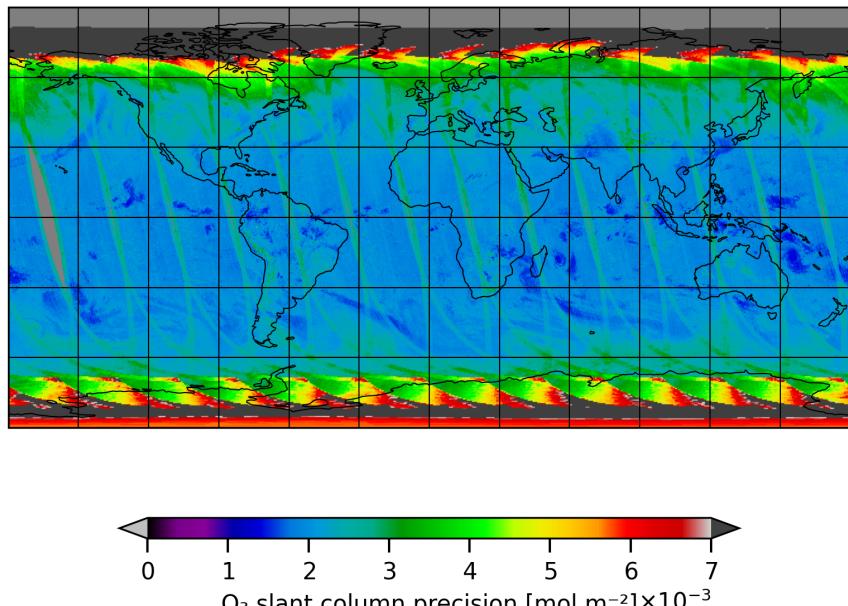


Figure 7: Map of “O₃ slant column precision” for 2025-02-27 to 2025-02-27

2025-02-27

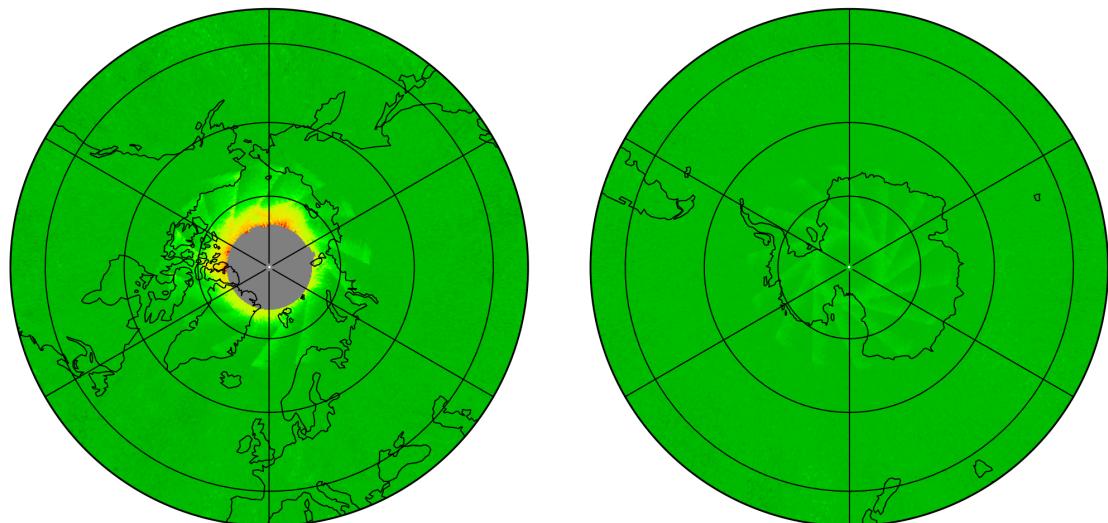
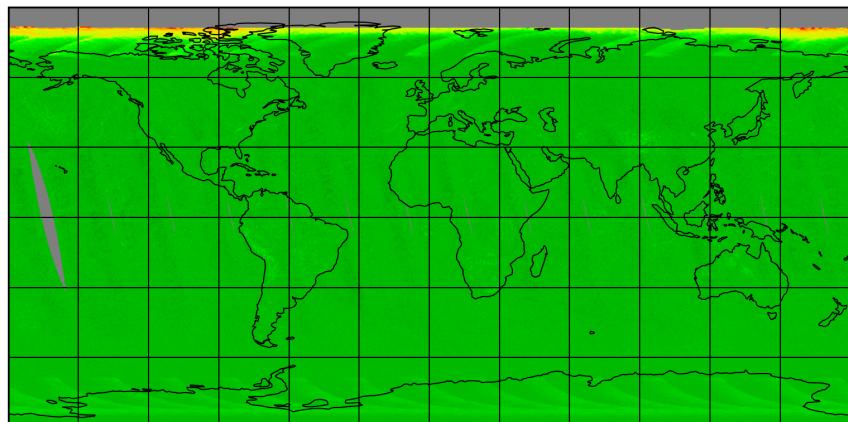


Figure 8: Map of “Number of iterations for slant column retrieval” for 2025-02-27 to 2025-02-27

2025-02-27

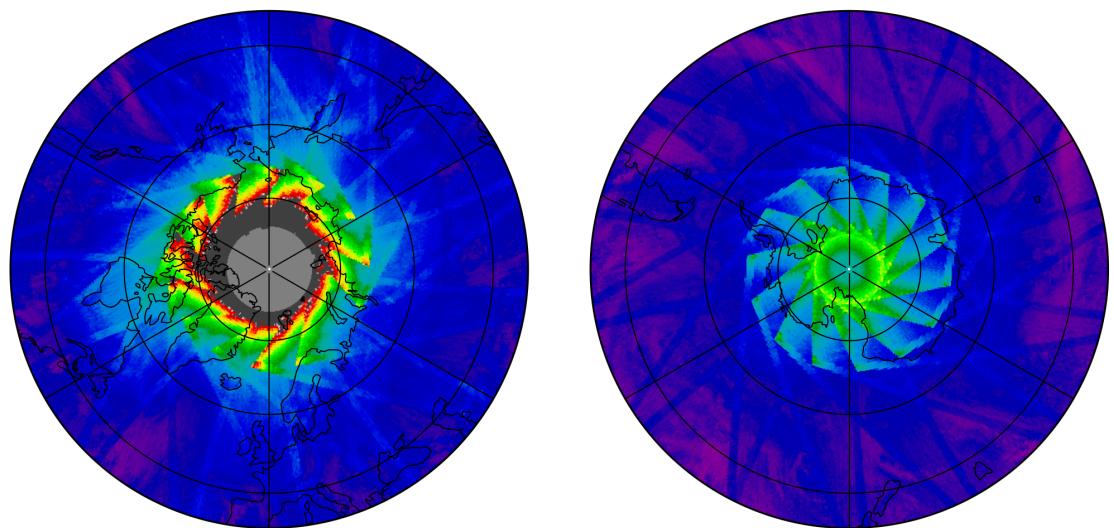
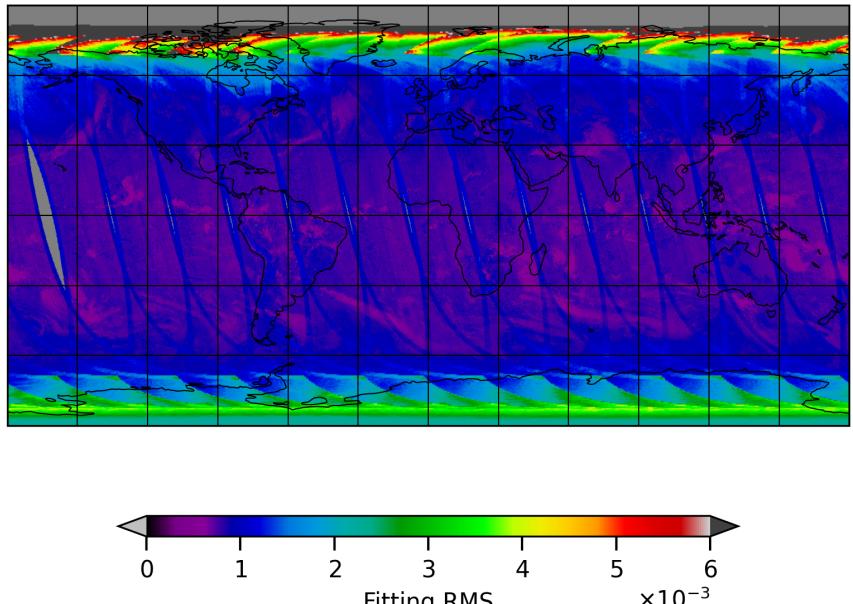


Figure 9: Map of “Fitting RMS” for 2025-02-27 to 2025-02-27

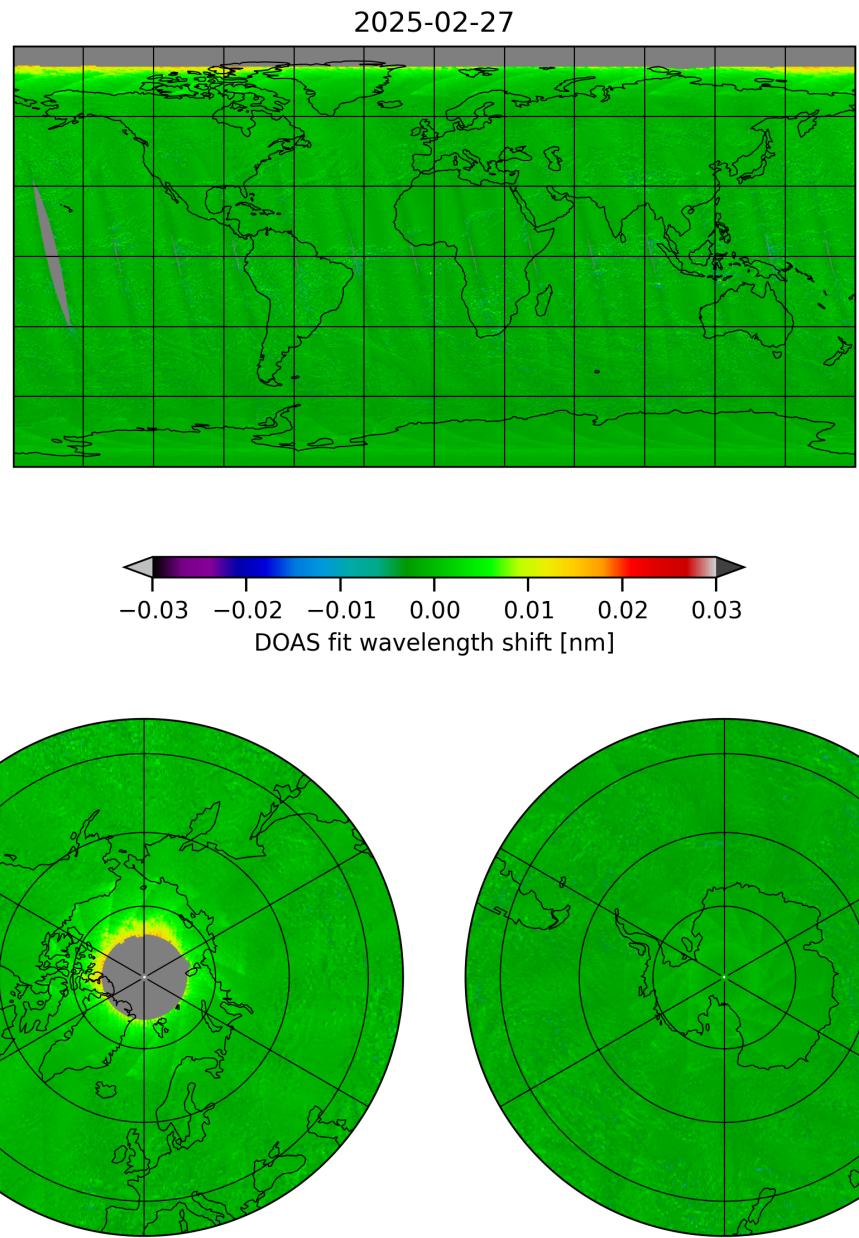


Figure 10: Map of “DOAS fit wavelength shift” for 2025-02-27 to 2025-02-27

2025-02-27

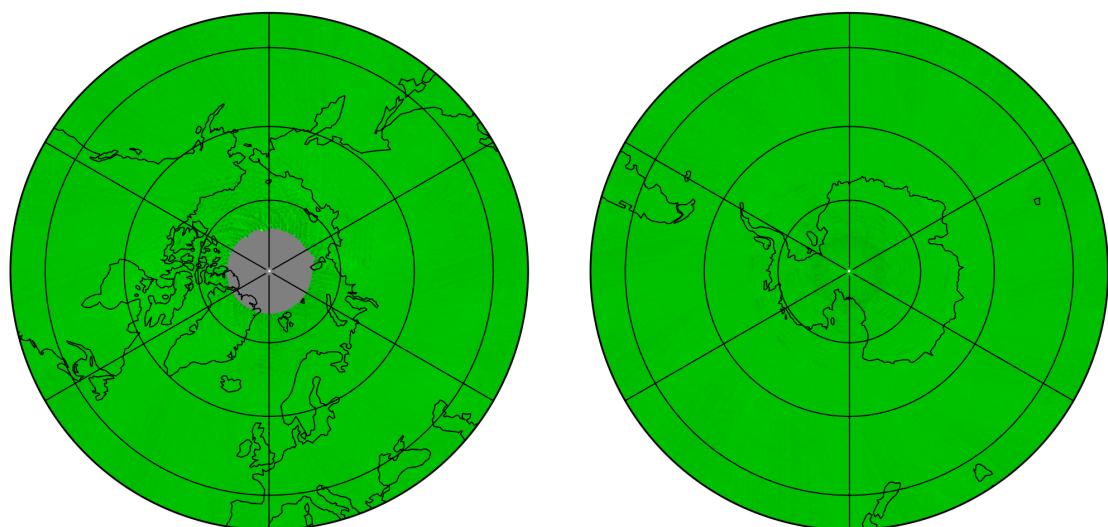
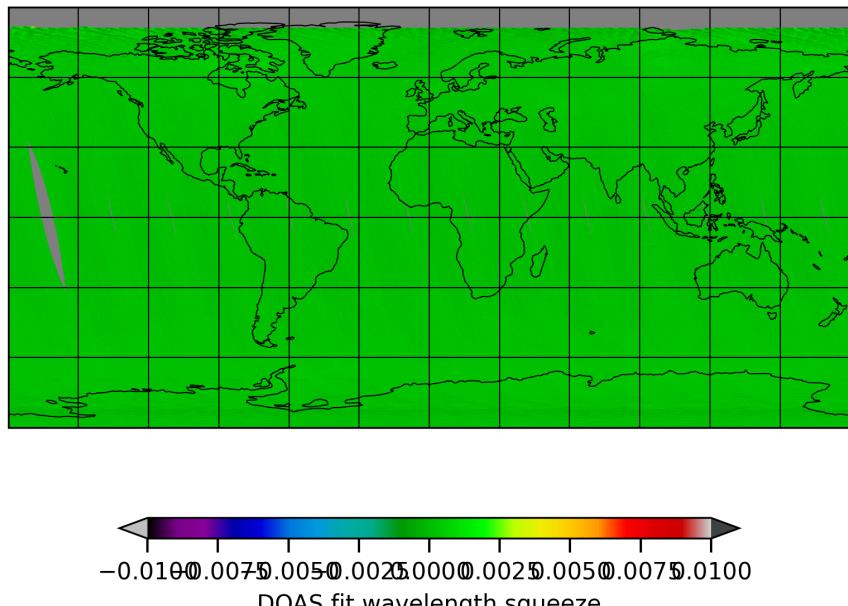


Figure 11: Map of “DOAS fit wavelength squeeze” for 2025-02-27 to 2025-02-27

2025-02-27

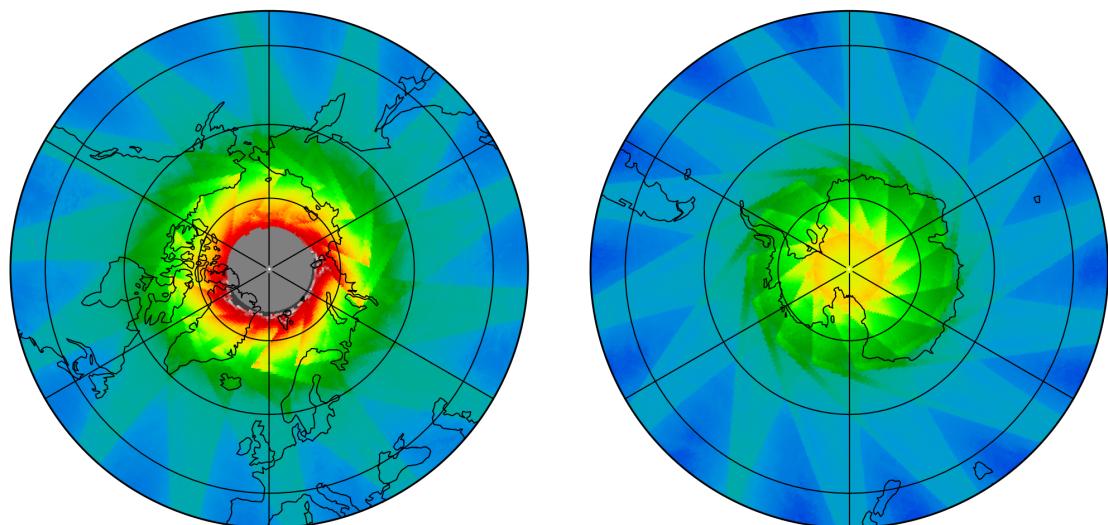
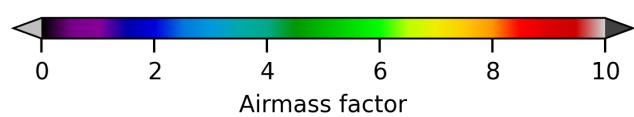
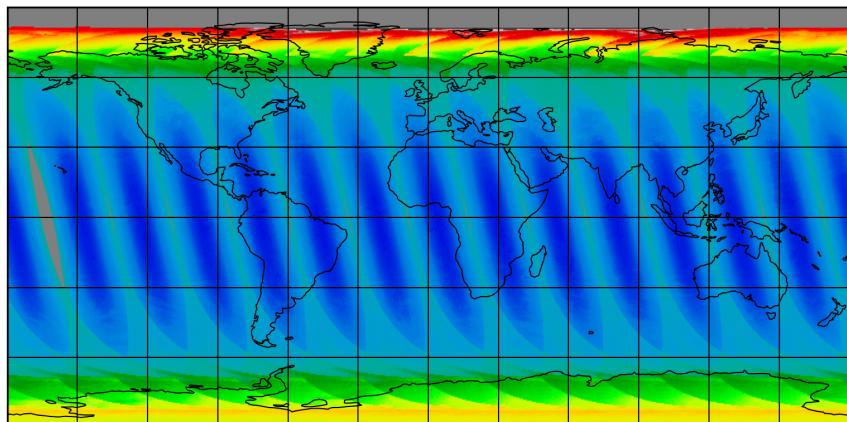


Figure 12: Map of “Airmass factor” for 2025-02-27 to 2025-02-27

2025-02-27

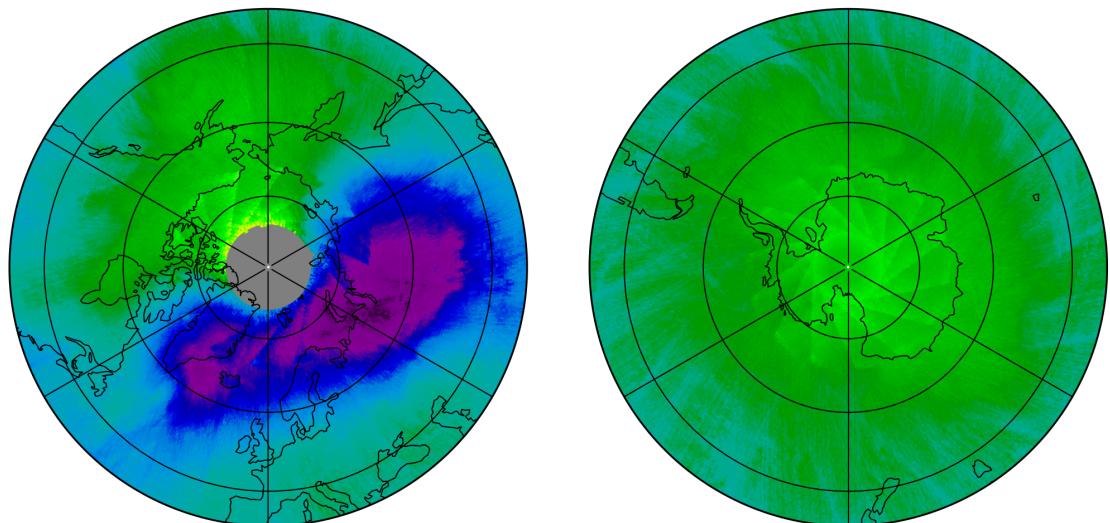
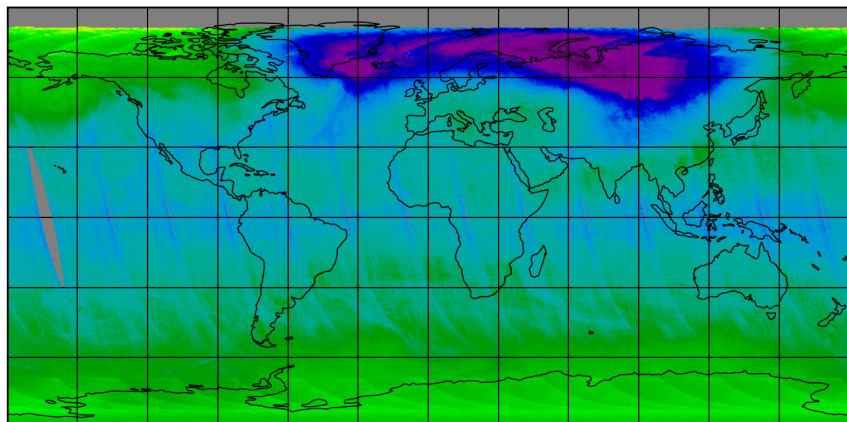


Figure 13: Map of “Effective temperature” for 2025-02-27 to 2025-02-27

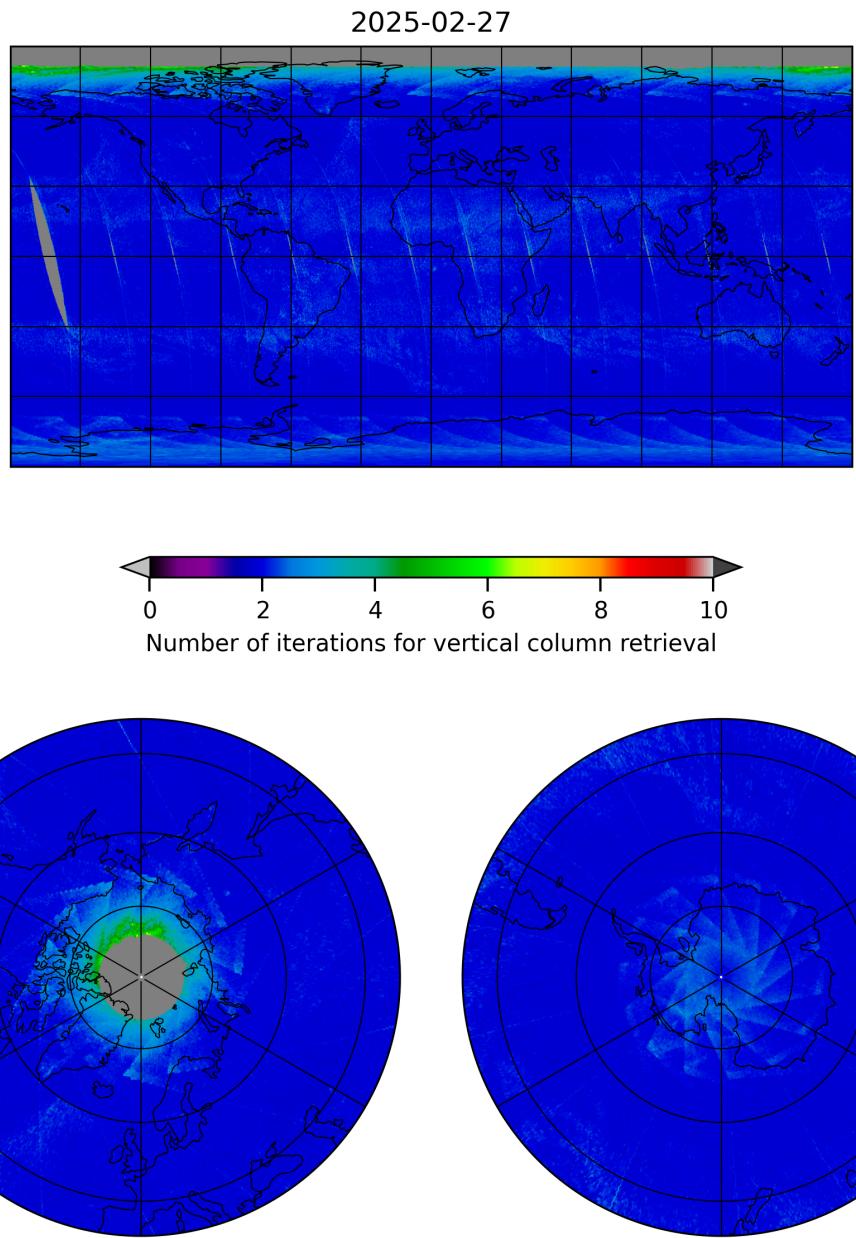


Figure 14: Map of “Number of iterations for vertical column retrieval” for 2025-02-27 to 2025-02-27

2025-02-27

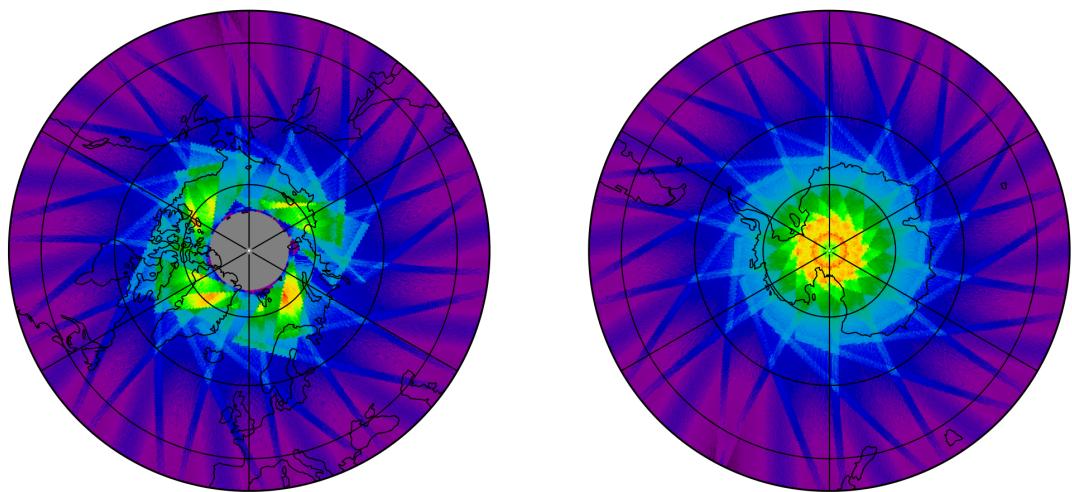
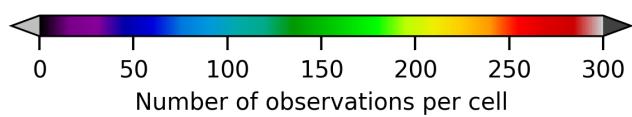
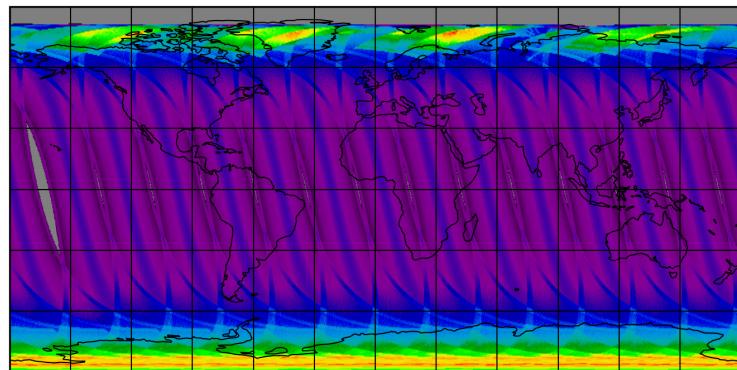


Figure 15: Map of the number of observations for 2025-02-27 to 2025-02-27

7 Zonal average

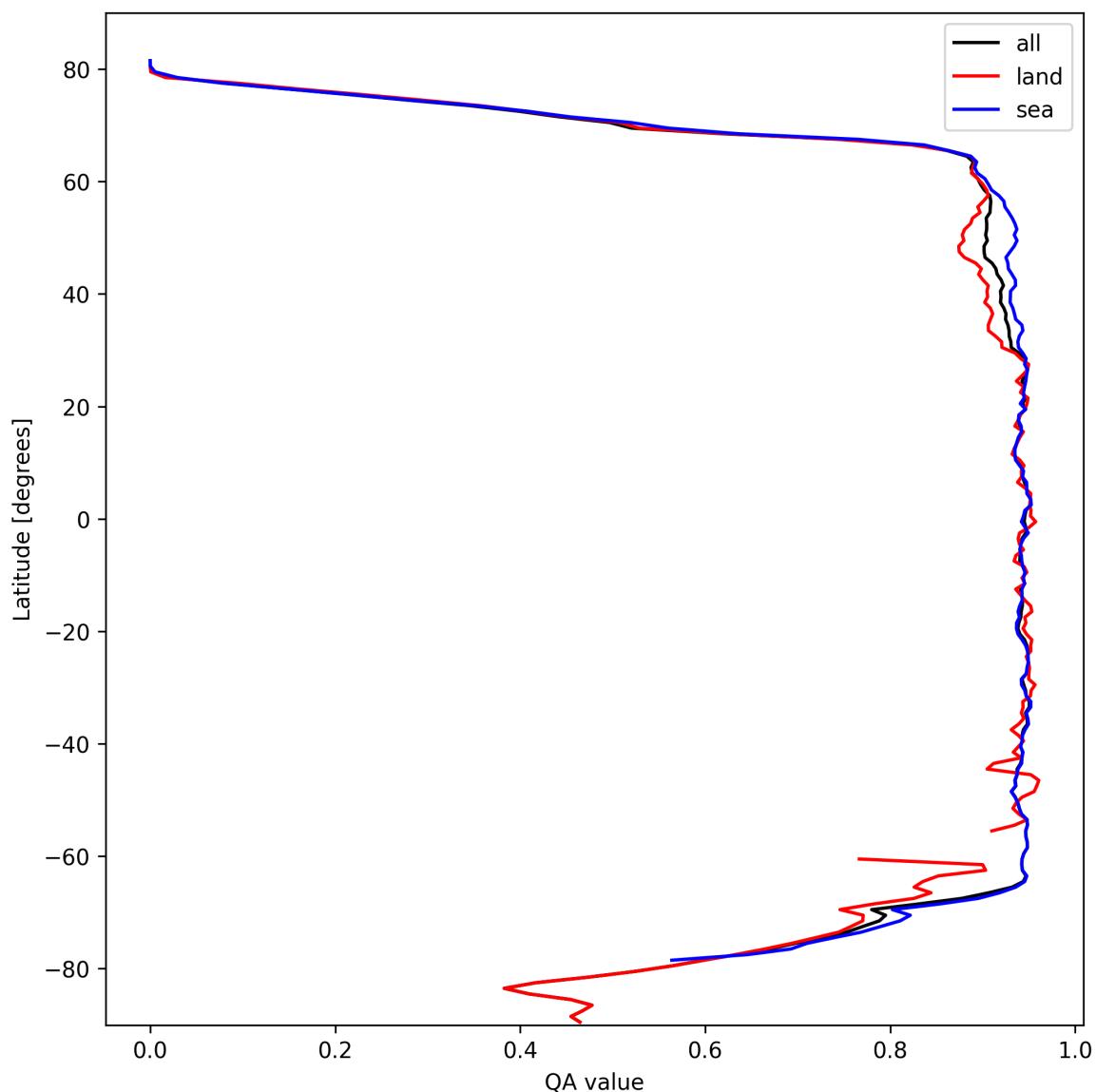


Figure 16: Zonal average of “QA value” for 2025-02-27 to 2025-02-27.

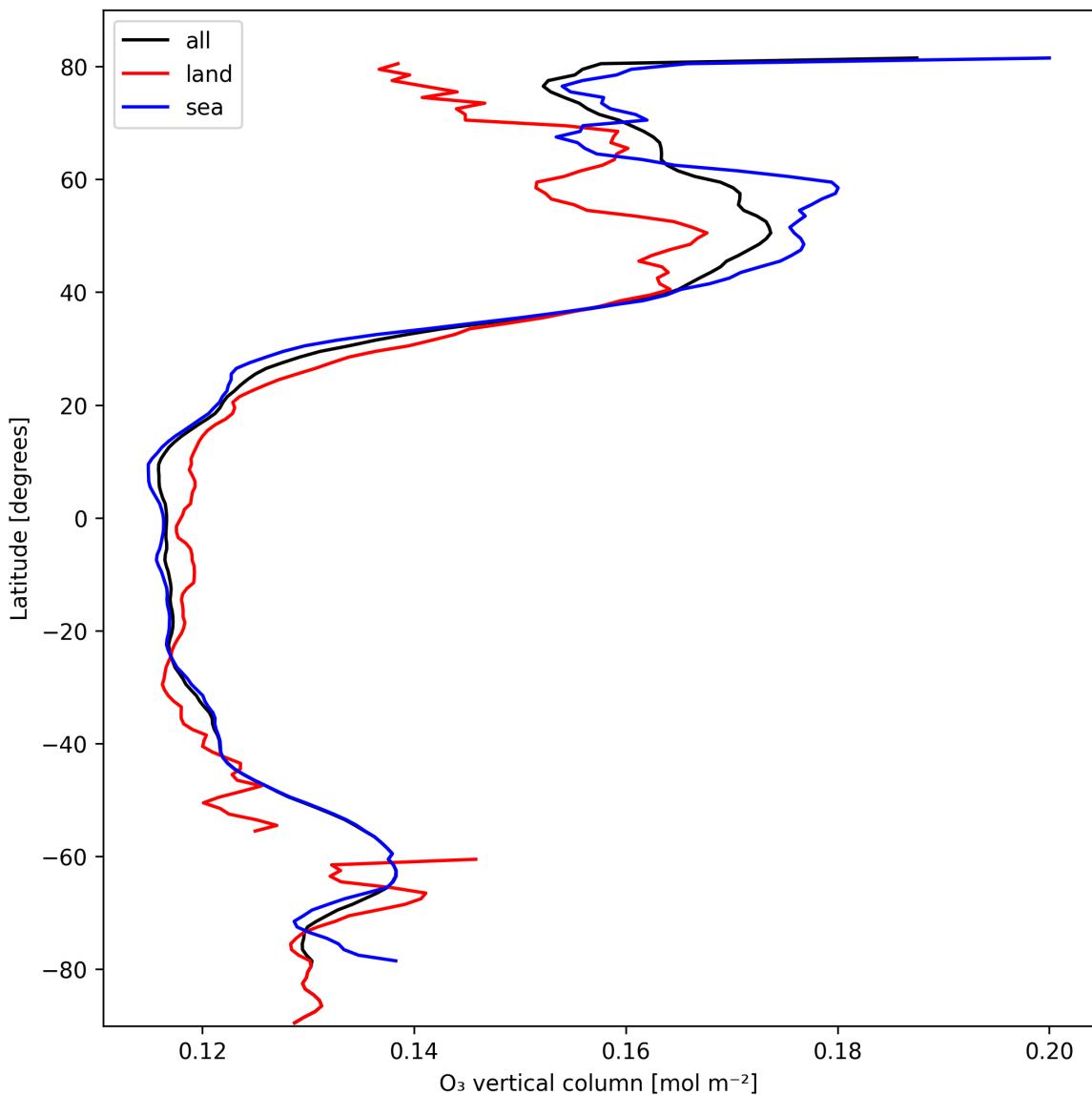


Figure 17: Zonal average of “ O_3 vertical column” for 2025-02-27 to 2025-02-27.

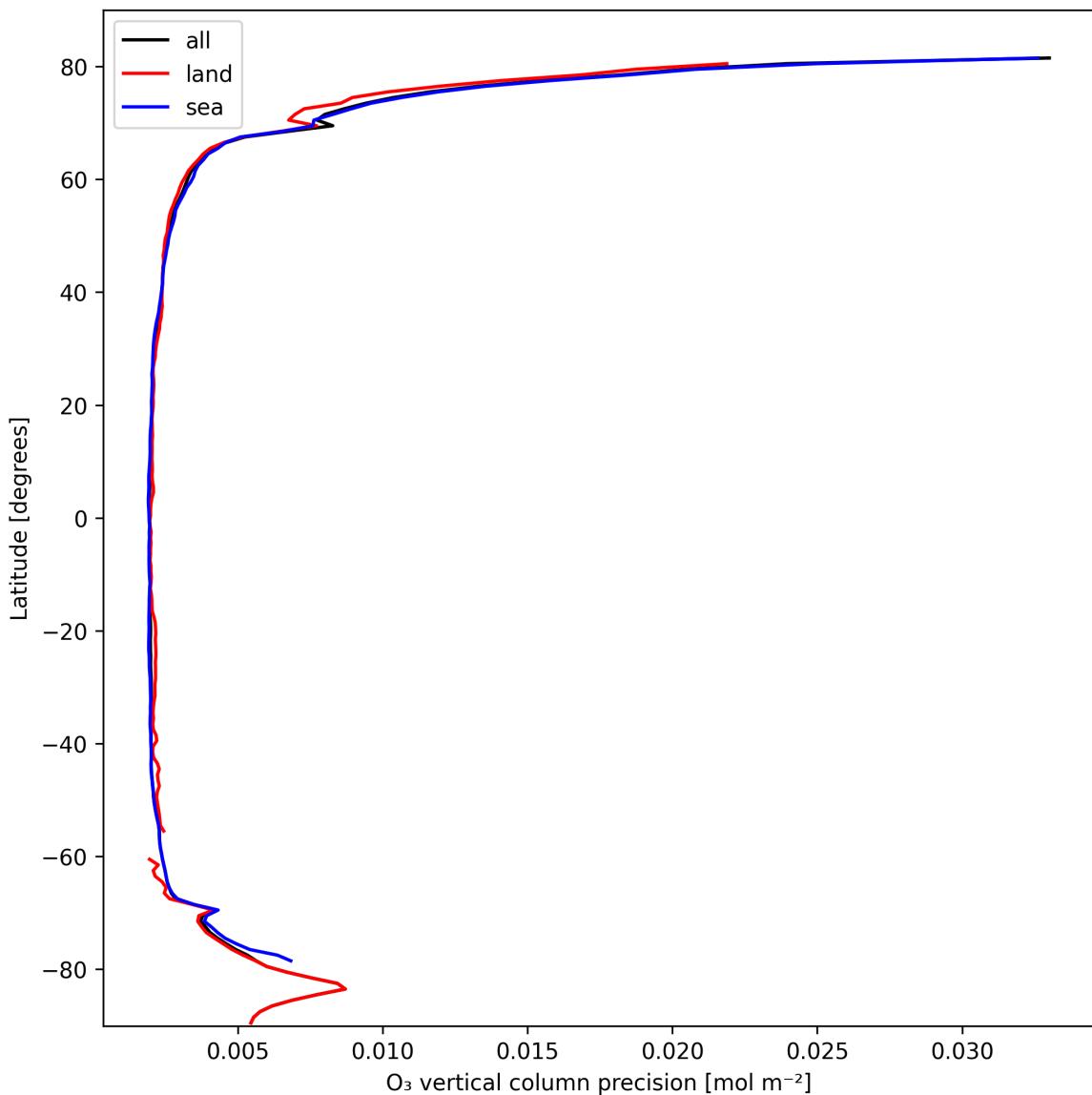


Figure 18: Zonal average of “O₃ vertical column precision” for 2025-02-27 to 2025-02-27.

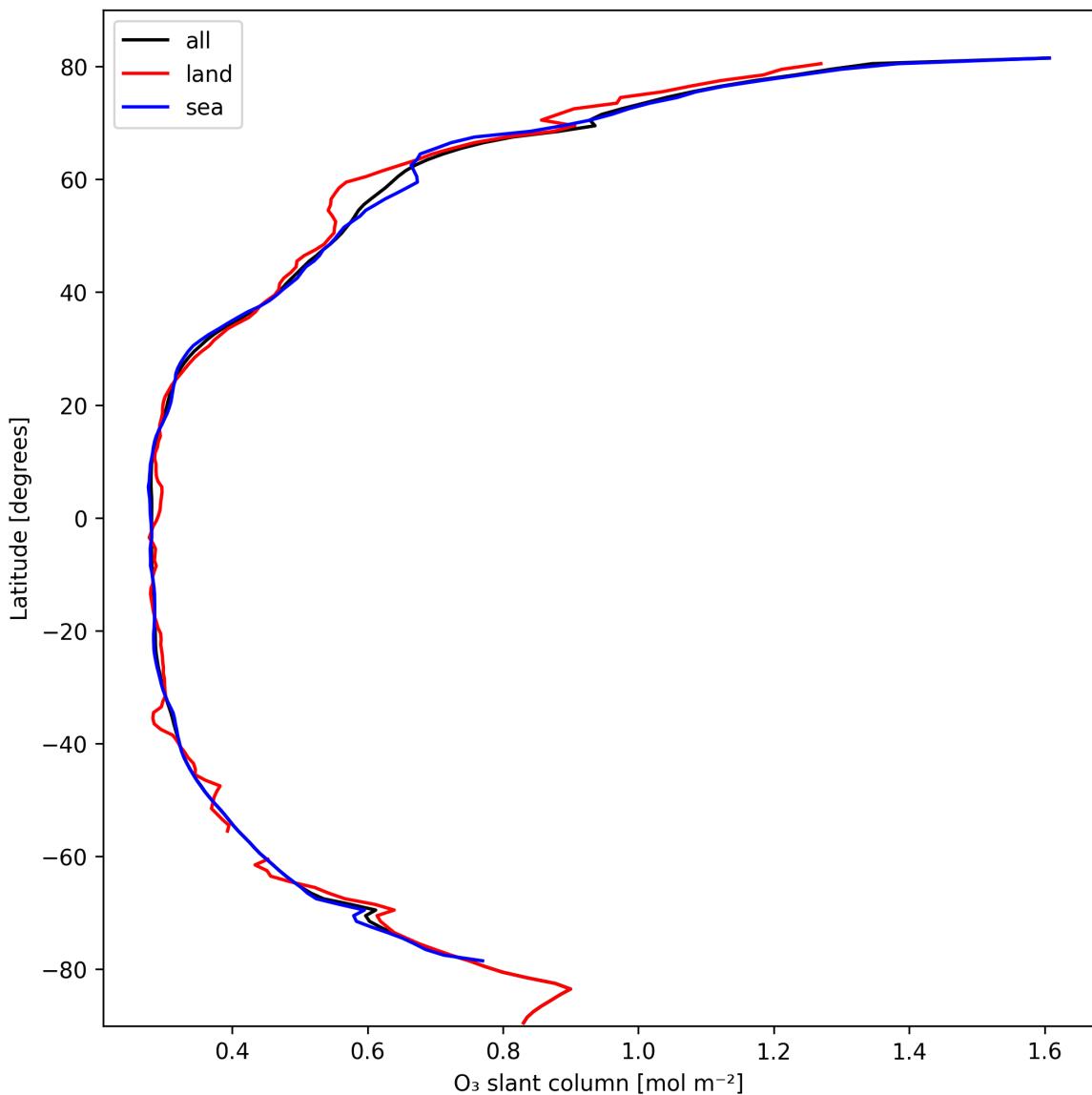


Figure 19: Zonal average of “O₃ slant column” for 2025-02-27 to 2025-02-27.

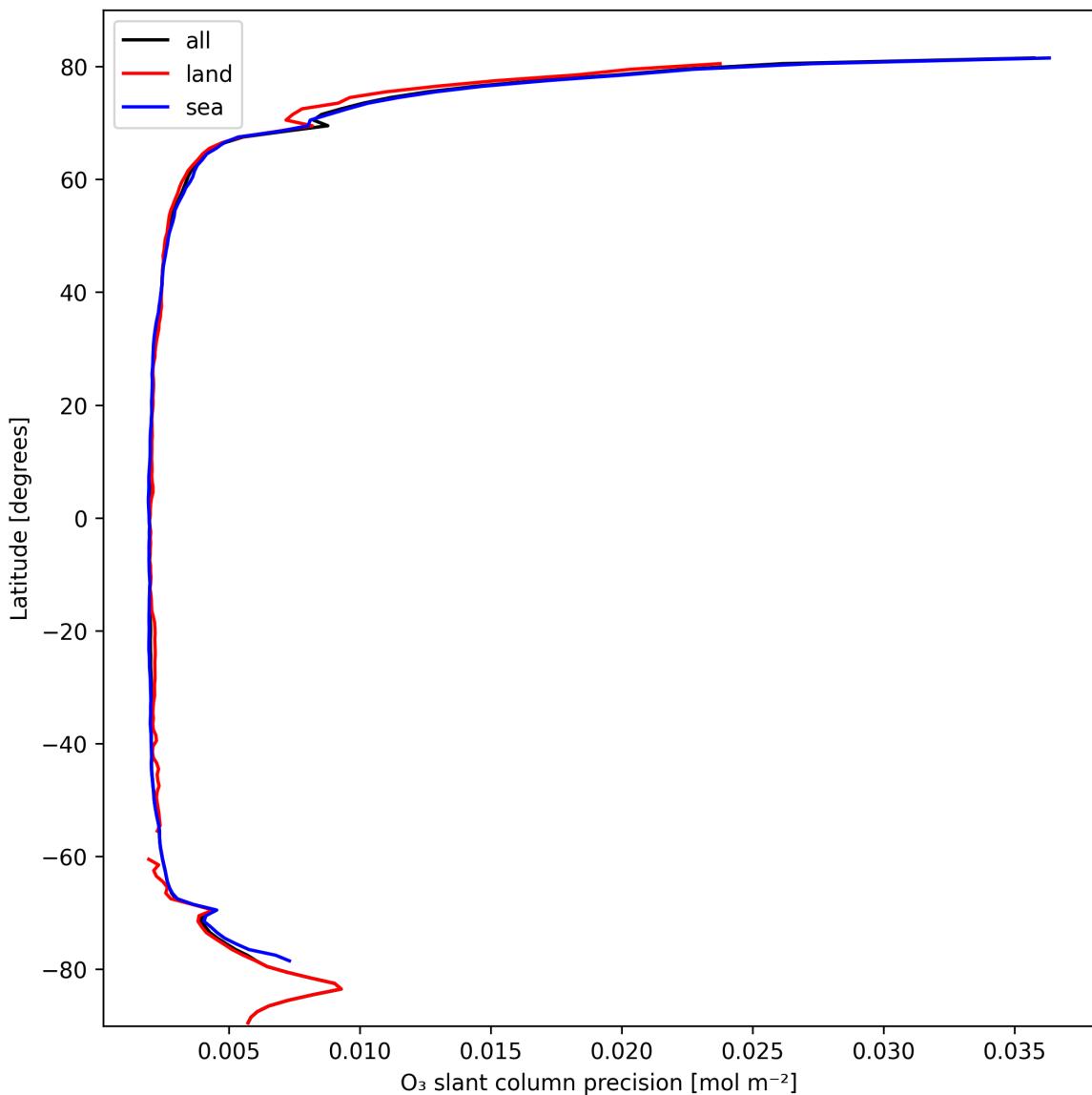


Figure 20: Zonal average of “O₃ slant column precision” for 2025-02-27 to 2025-02-27.

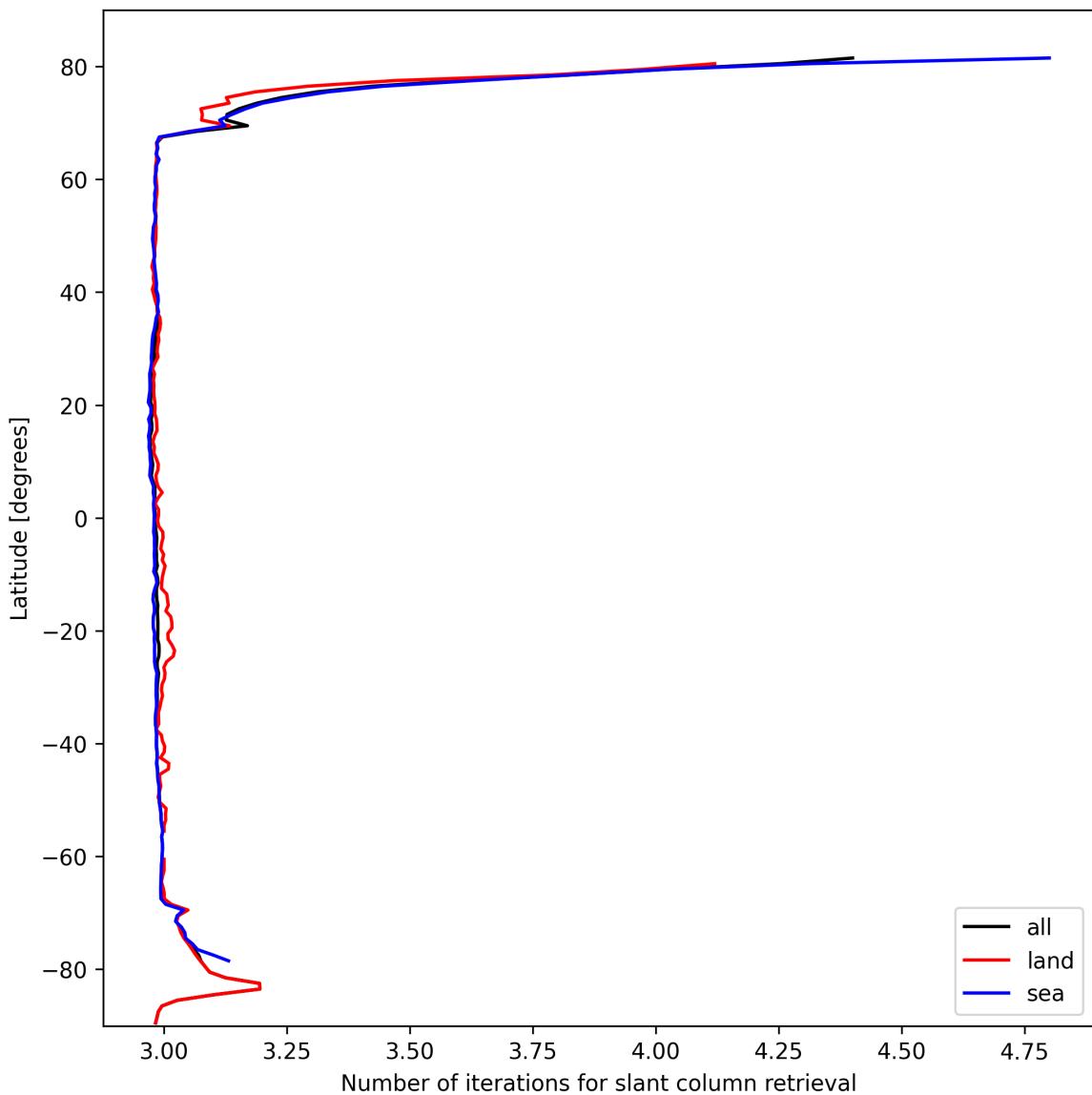


Figure 21: Zonal average of “Number of iterations for slant column retrieval” for 2025-02-27 to 2025-02-27.

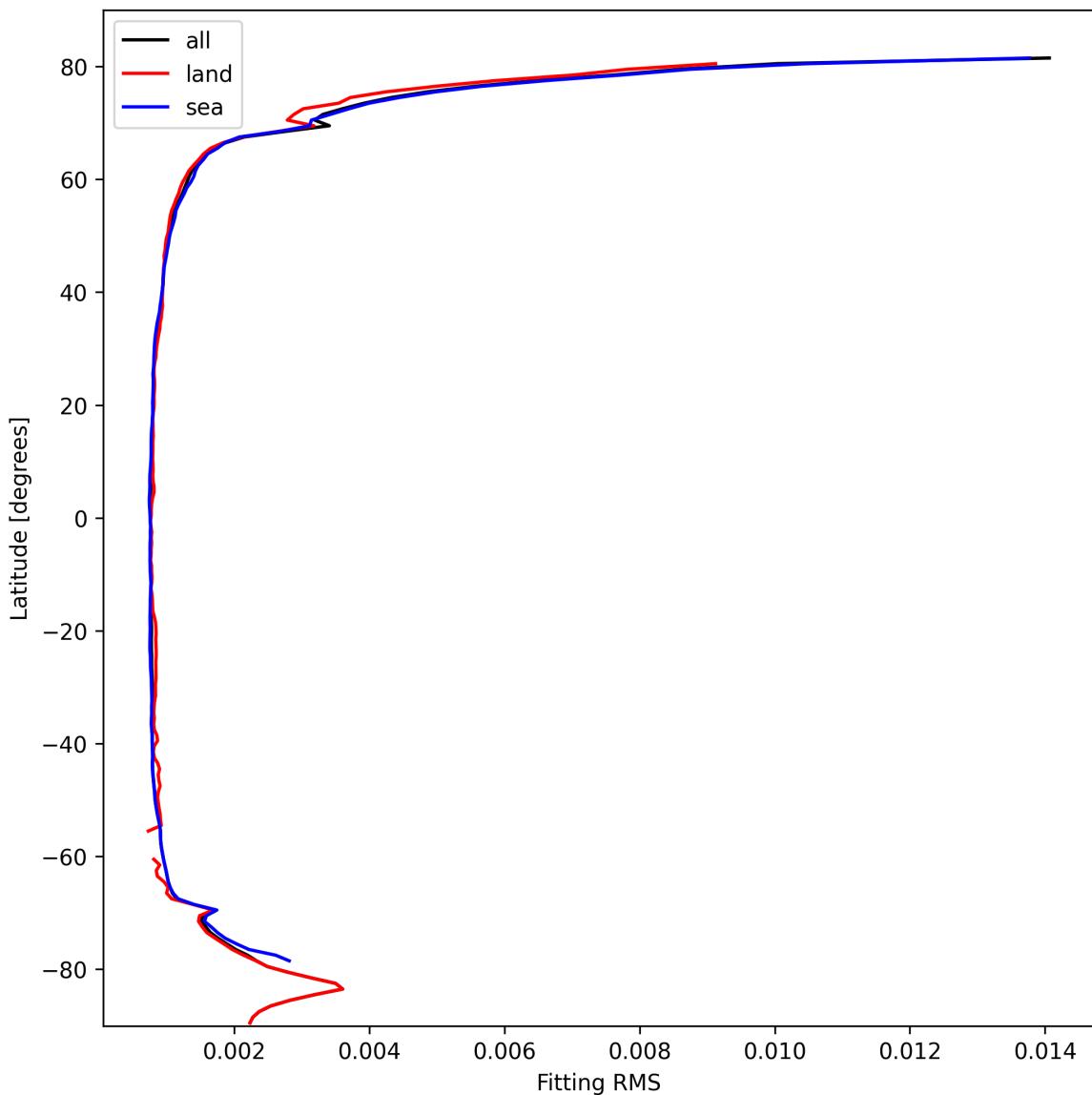


Figure 22: Zonal average of “Fitting RMS” for 2025-02-27 to 2025-02-27.

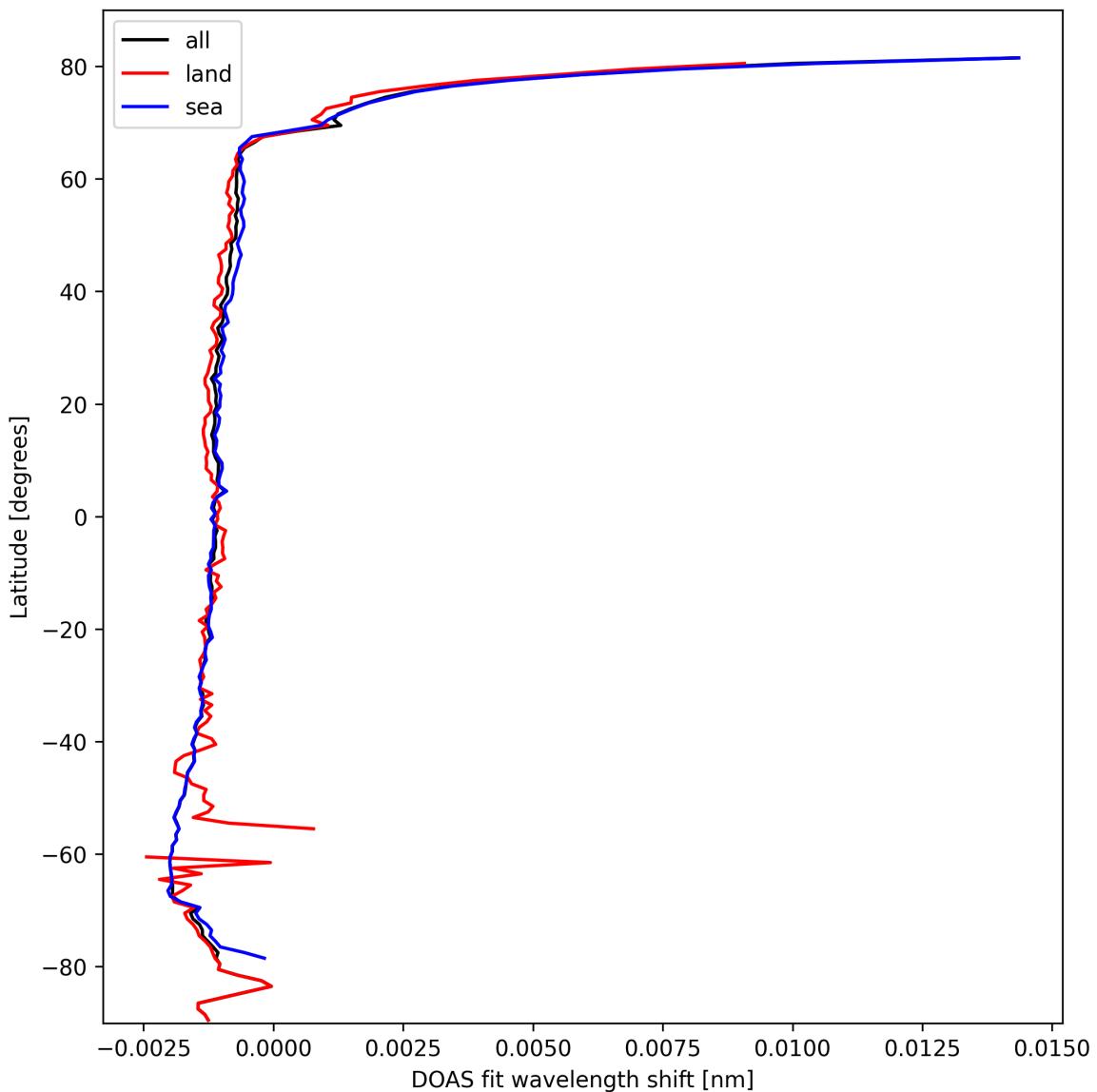


Figure 23: Zonal average of “DOAS fit wavelength shift” for 2025-02-27 to 2025-02-27.

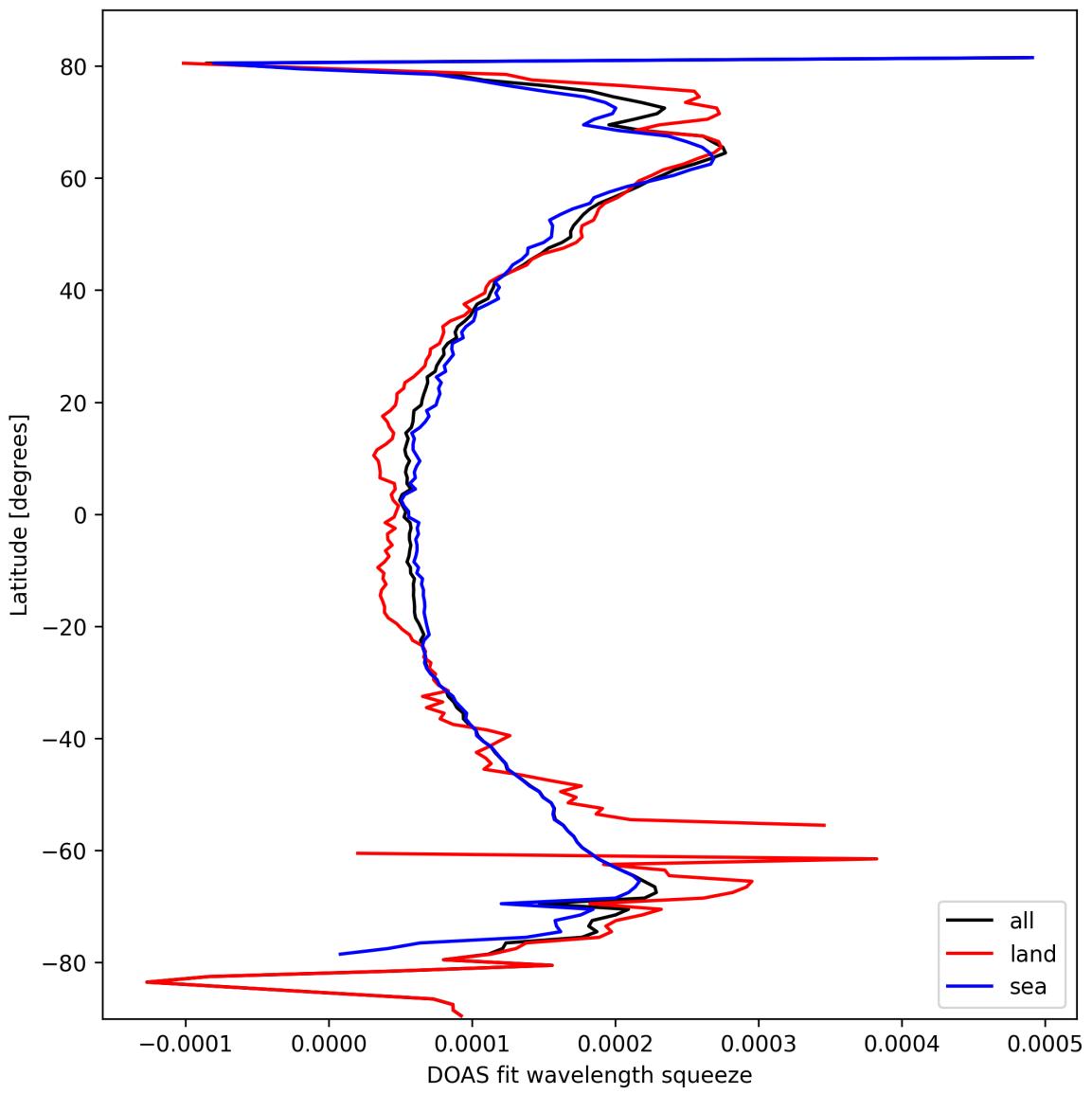


Figure 24: Zonal average of “DOAS fit wavelength squeeze” for 2025-02-27 to 2025-02-27.

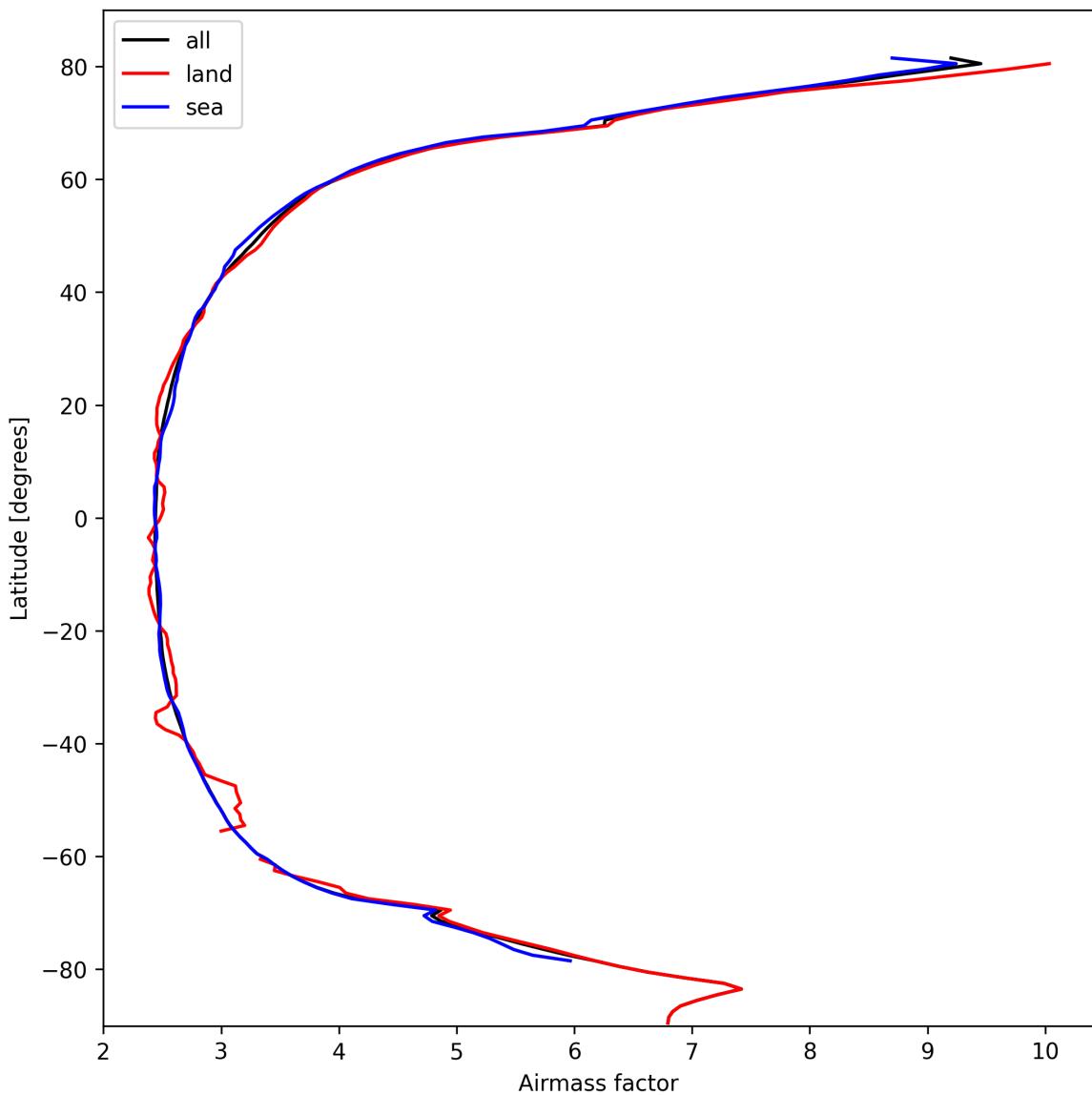


Figure 25: Zonal average of “Airmass factor” for 2025-02-27 to 2025-02-27.

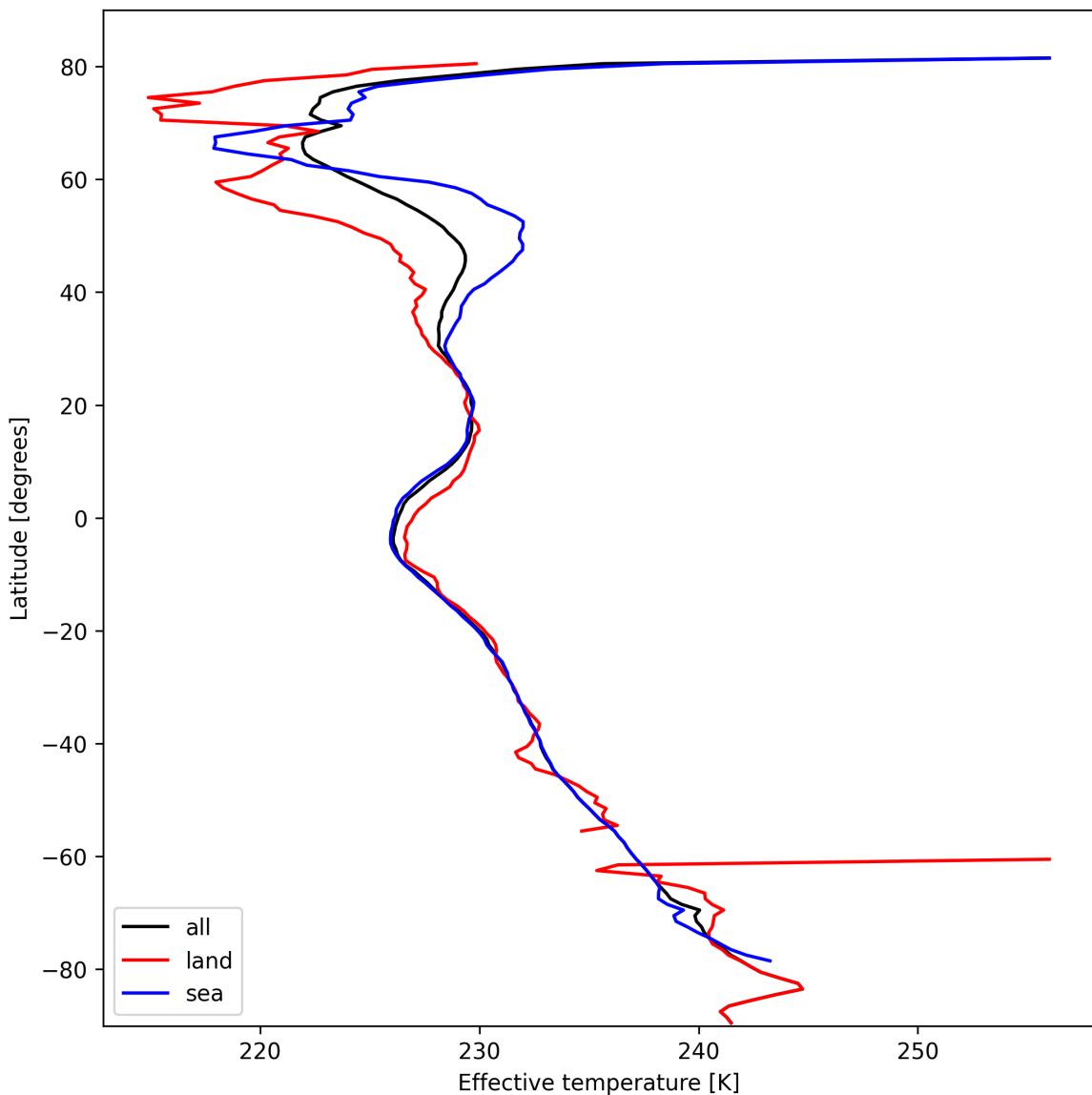


Figure 26: Zonal average of “Effective temperature” for 2025-02-27 to 2025-02-27.

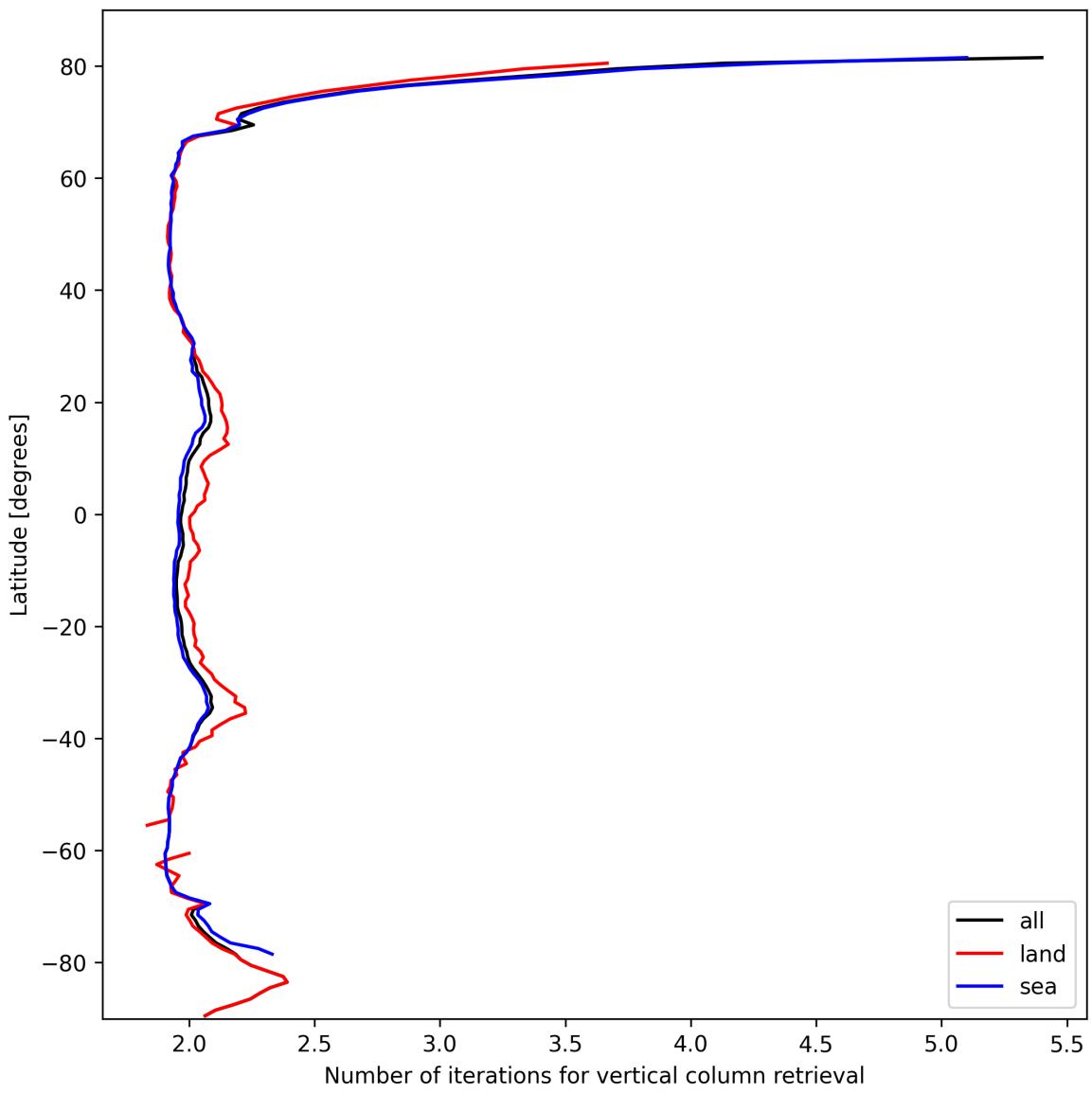


Figure 27: Zonal average of “Number of iterations for vertical column retrieval” for 2025-02-27 to 2025-02-27.

8 Histograms

The definitions of the parameters given in this section can be found in section 2.

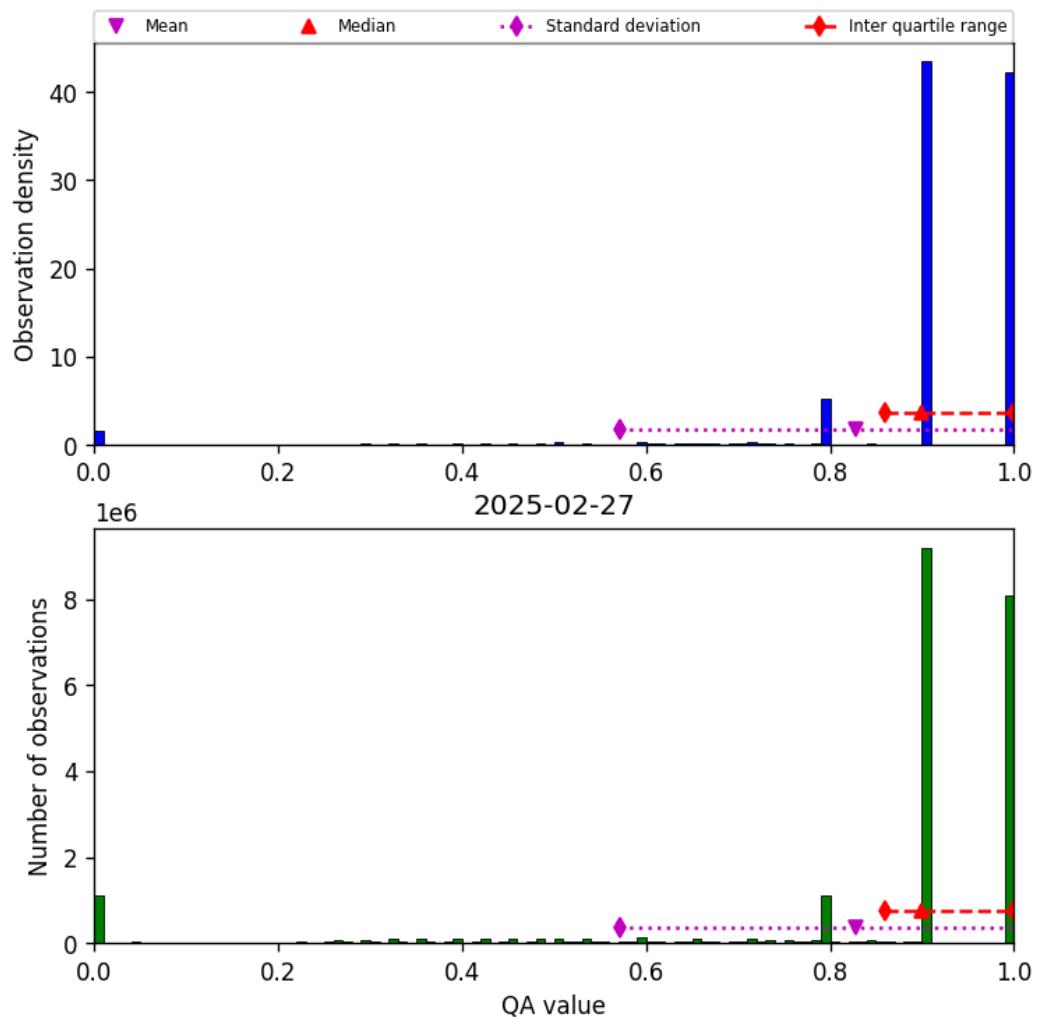


Figure 28: Histogram of “QA value” for 2025-02-27 to 2025-02-27

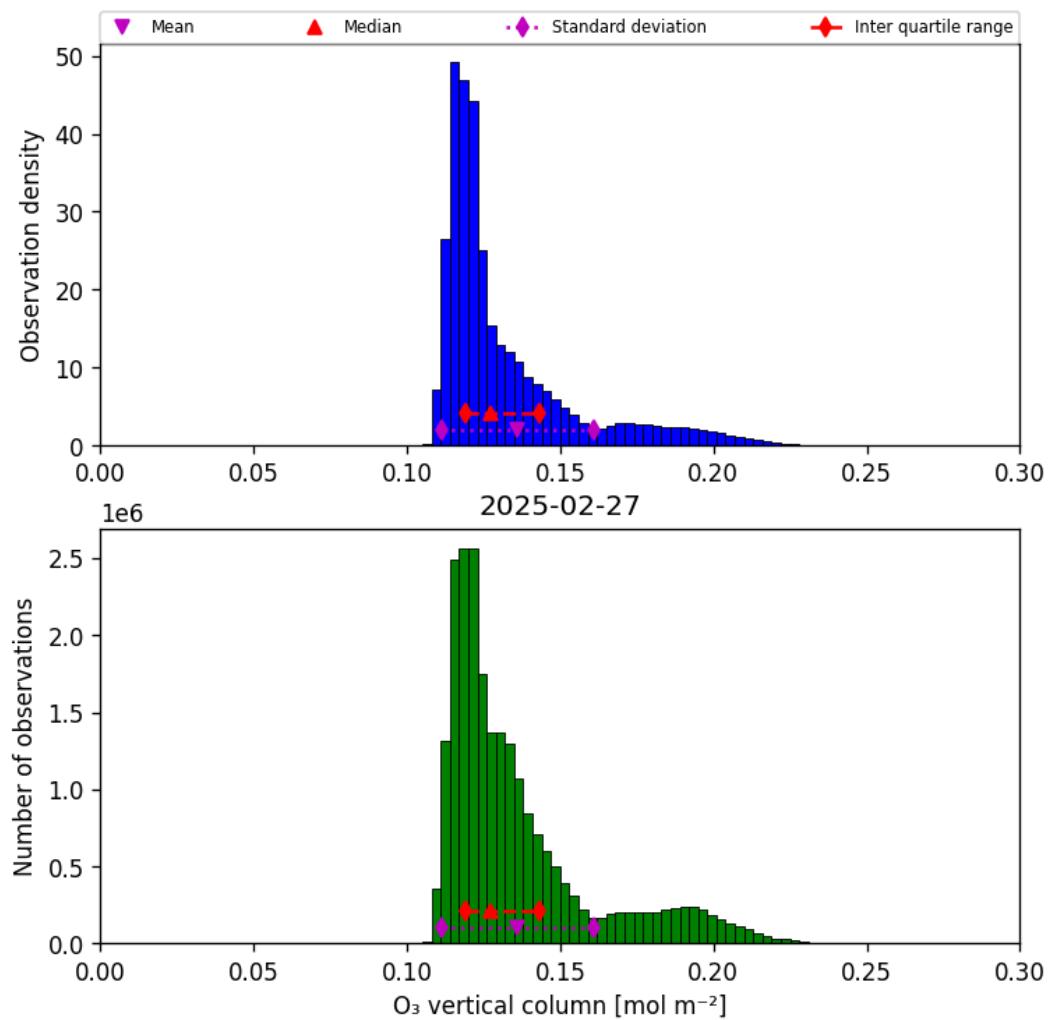


Figure 29: Histogram of “O₃ vertical column” for 2025-02-27 to 2025-02-27

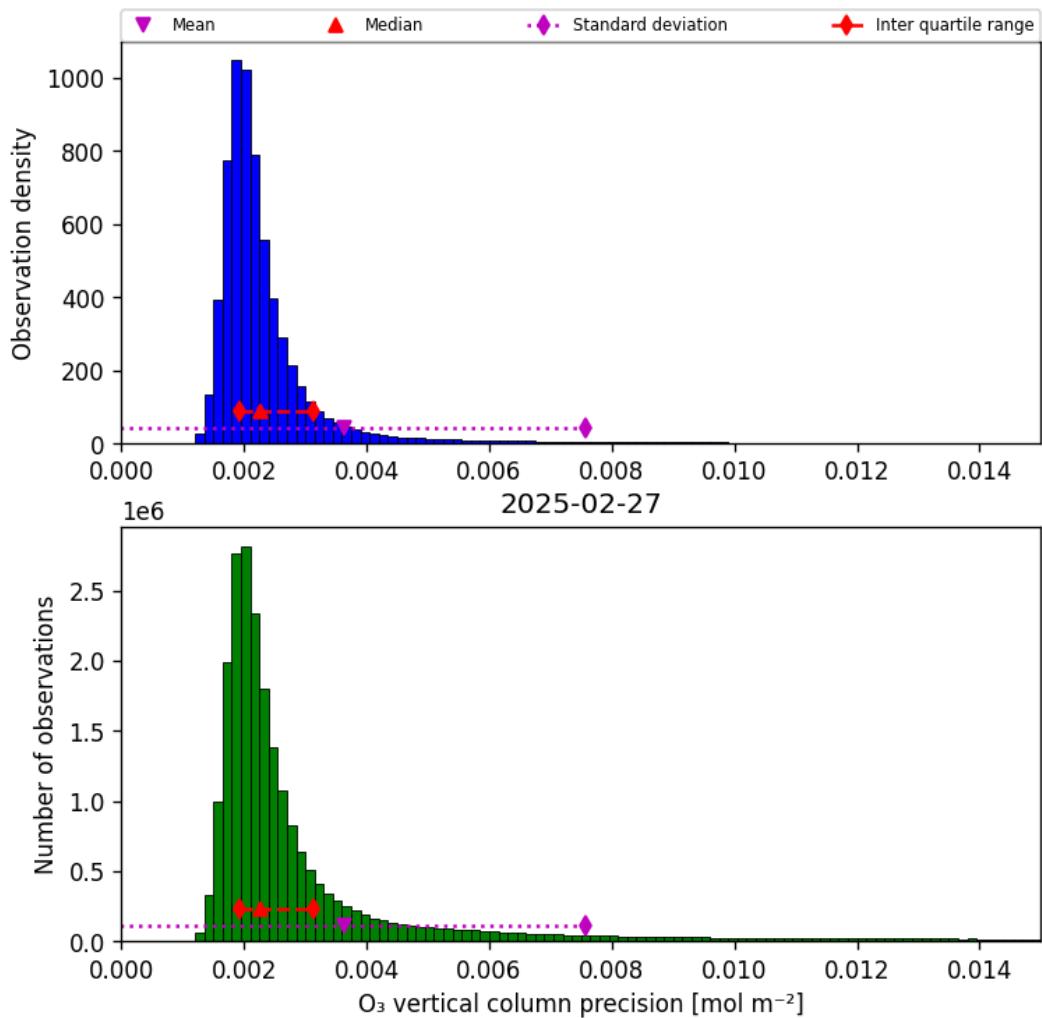


Figure 30: Histogram of “ O_3 vertical column precision” for 2025-02-27 to 2025-02-27

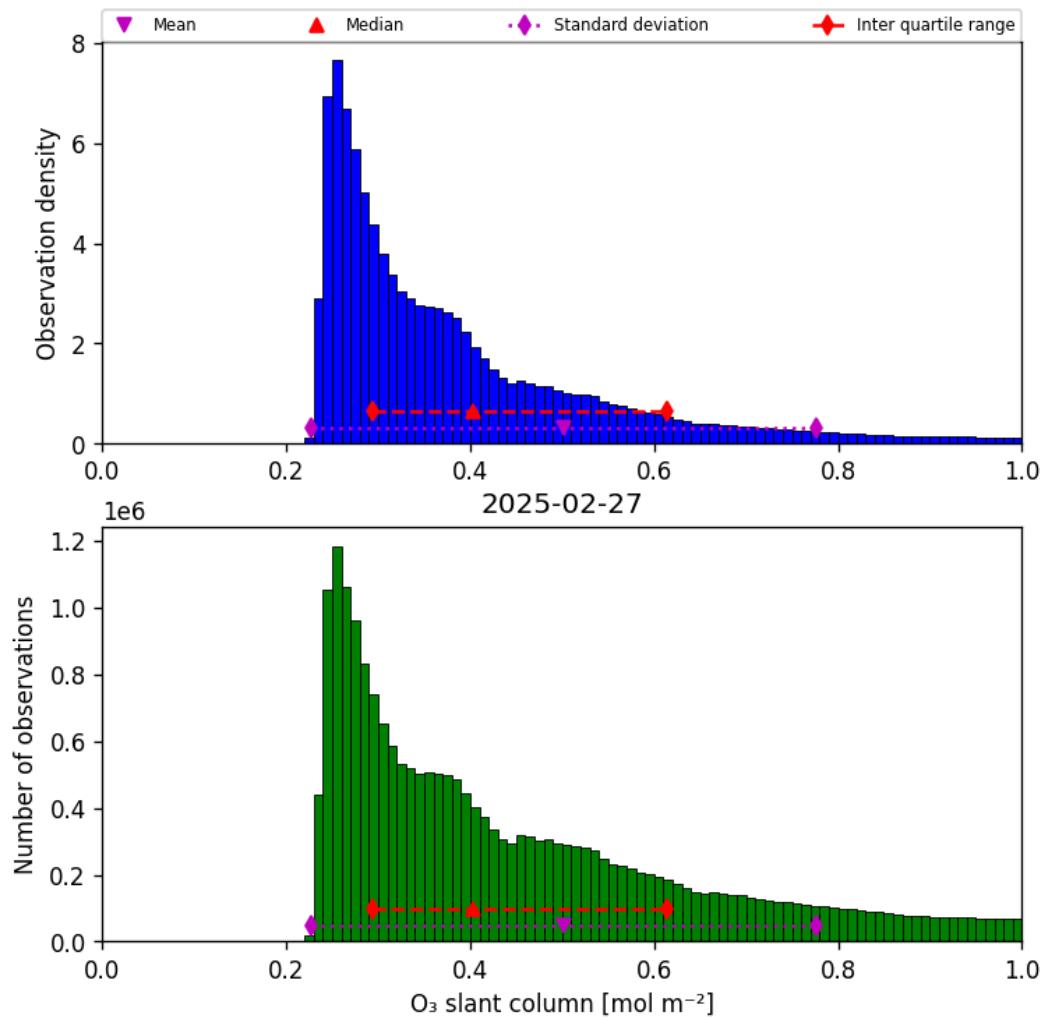


Figure 31: Histogram of “ O_3 slant column” for 2025-02-27 to 2025-02-27

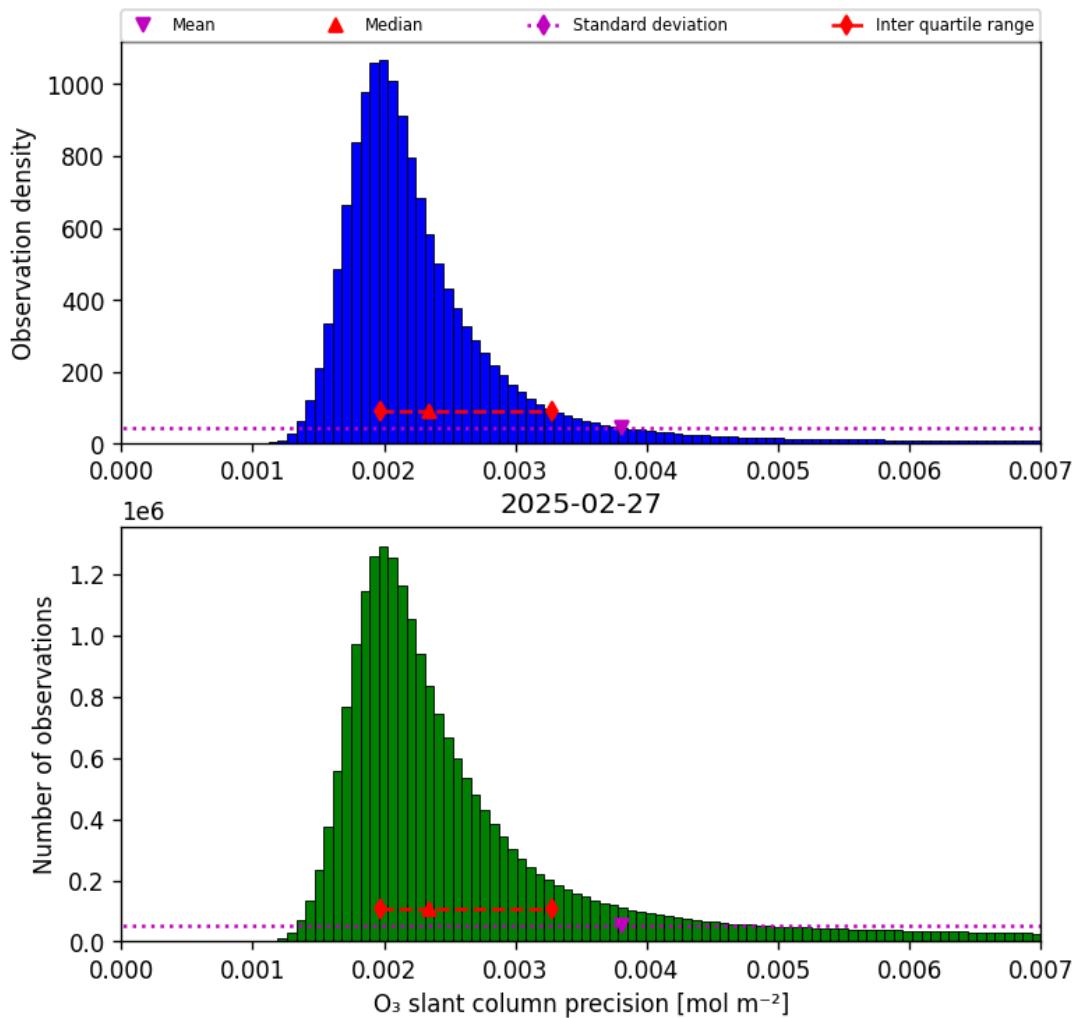


Figure 32: Histogram of “O₃ slant column precision” for 2025-02-27 to 2025-02-27

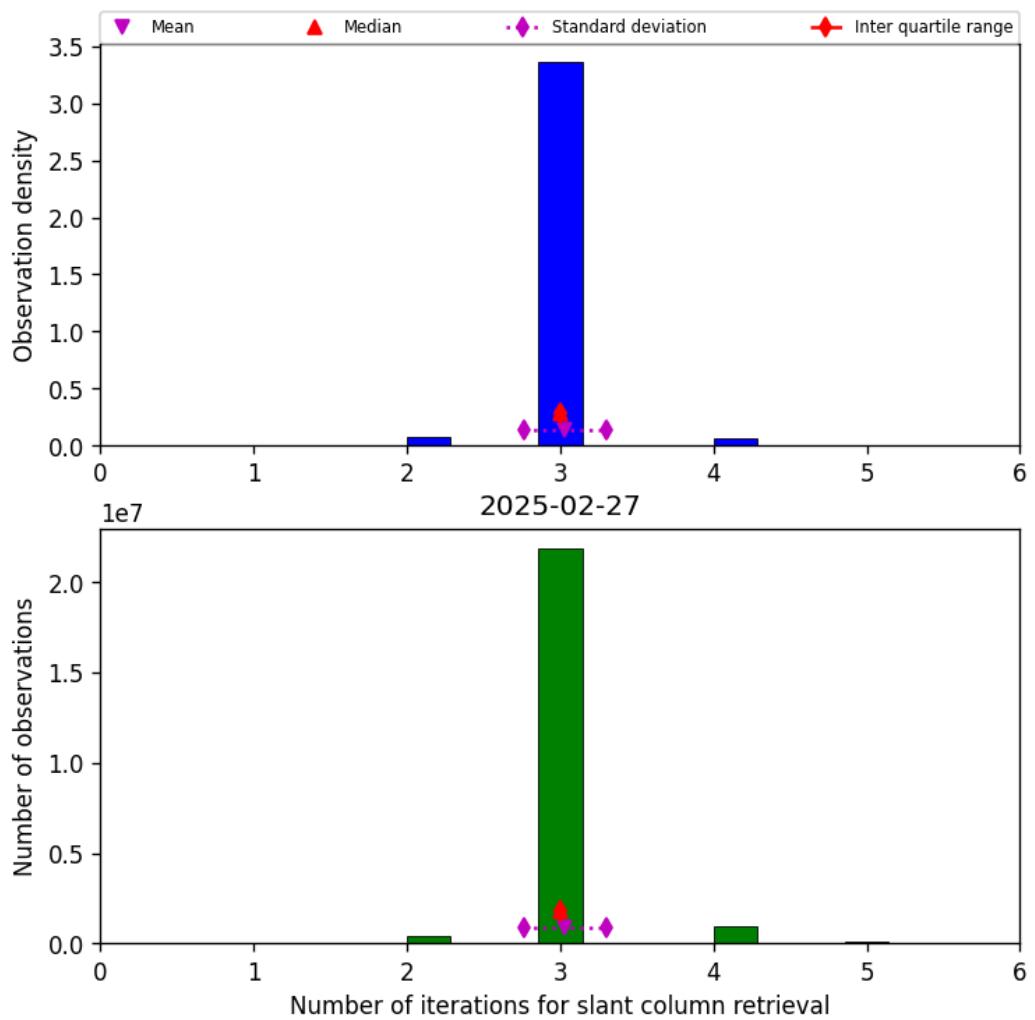


Figure 33: Histogram of “Number of iterations for slant column retrieval” for 2025-02-27 to 2025-02-27

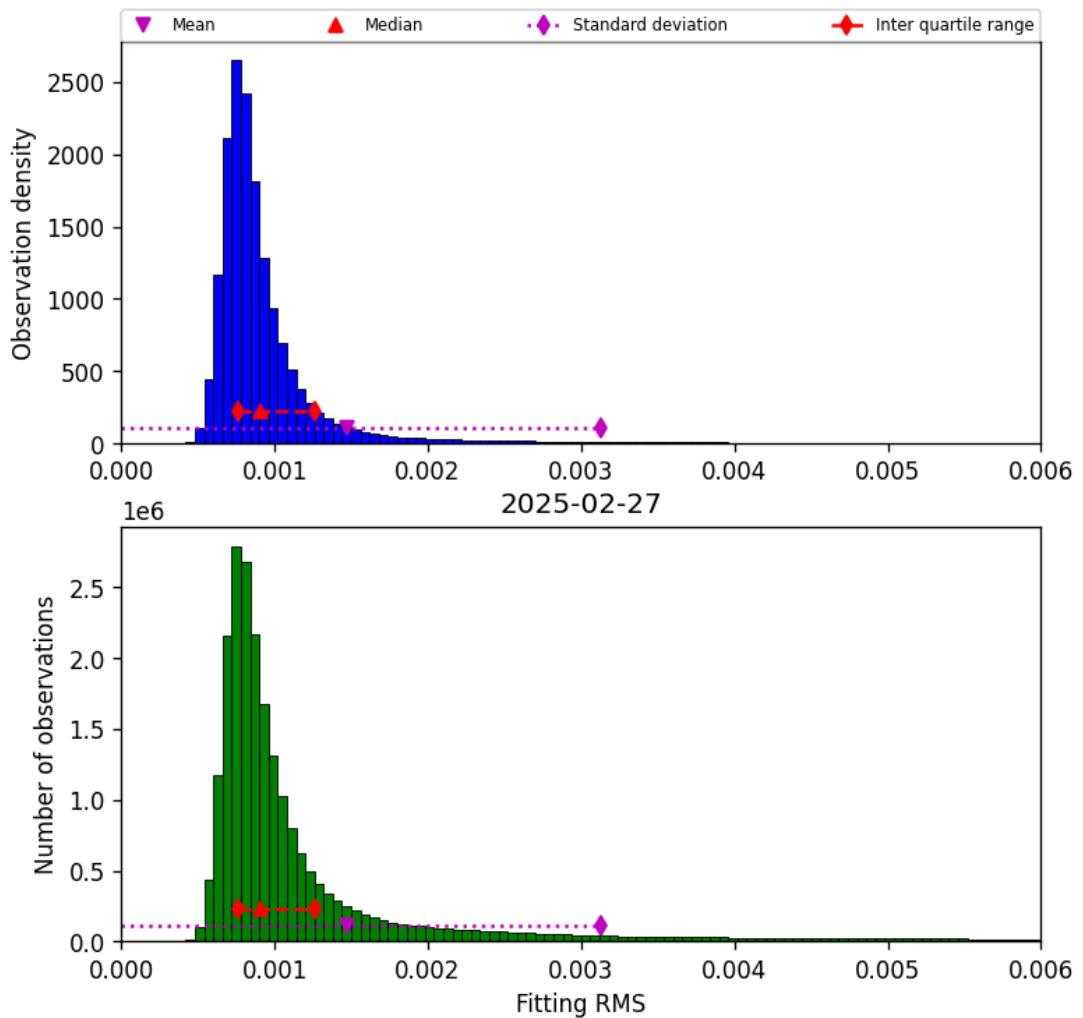


Figure 34: Histogram of “Fitting RMS” for 2025-02-27 to 2025-02-27

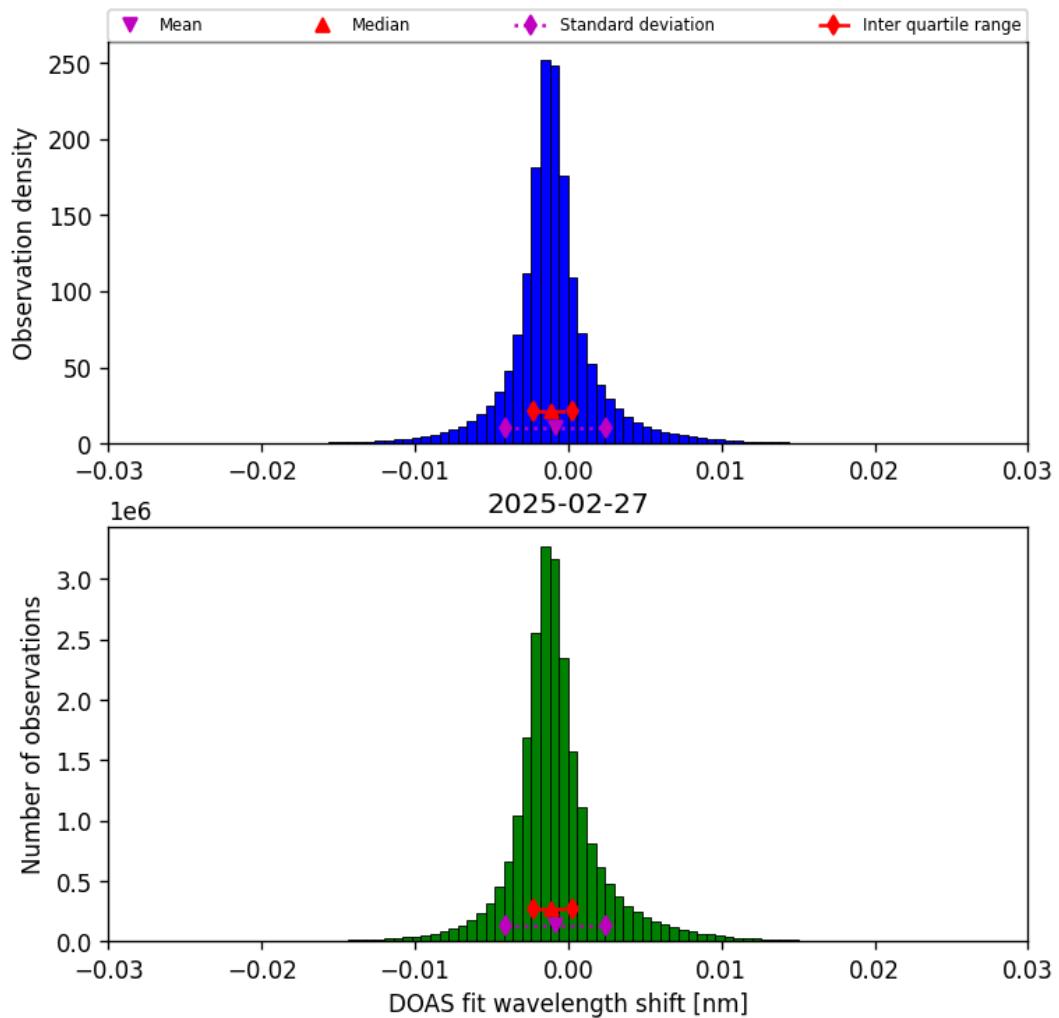


Figure 35: Histogram of “DOAS fit wavelength shift” for 2025-02-27 to 2025-02-27

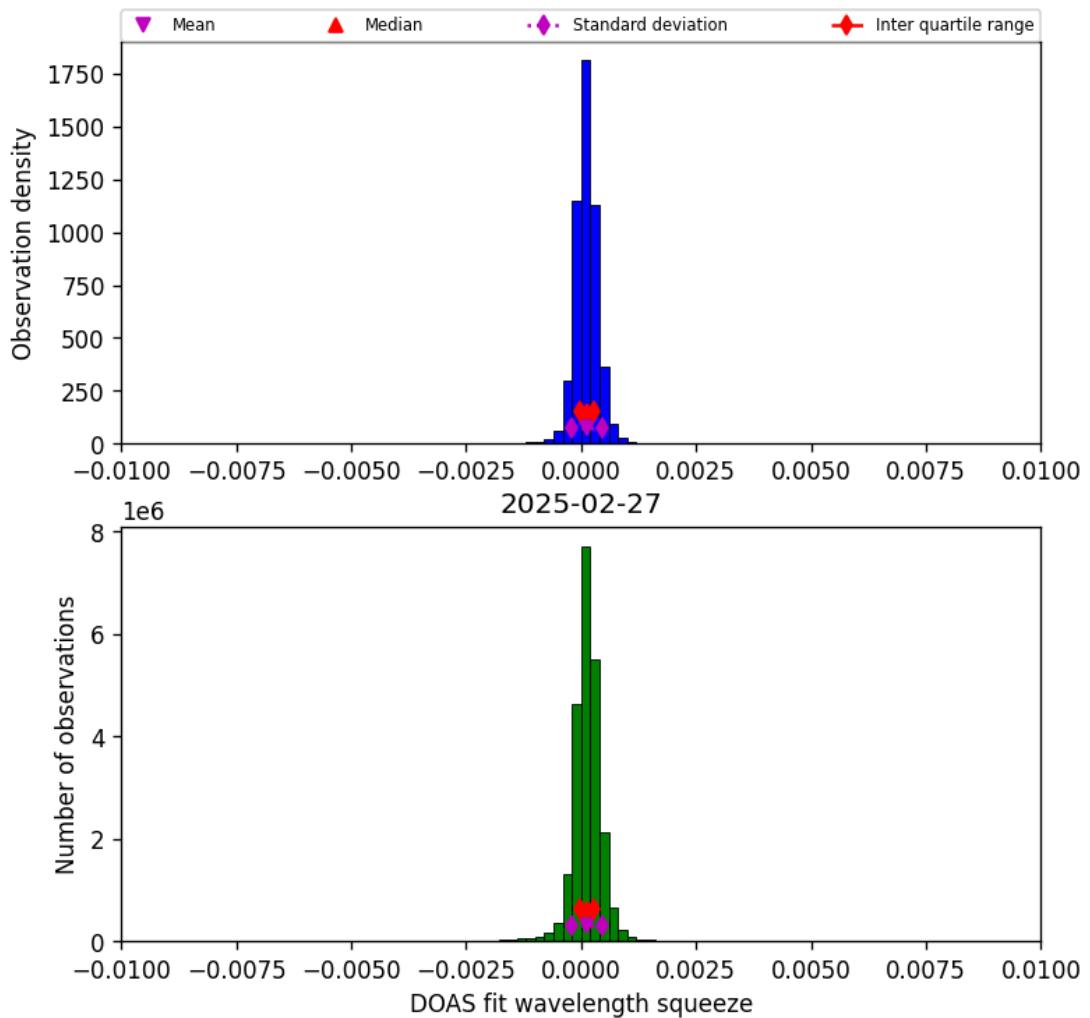


Figure 36: Histogram of “DOAS fit wavelength squeeze” for 2025-02-27 to 2025-02-27

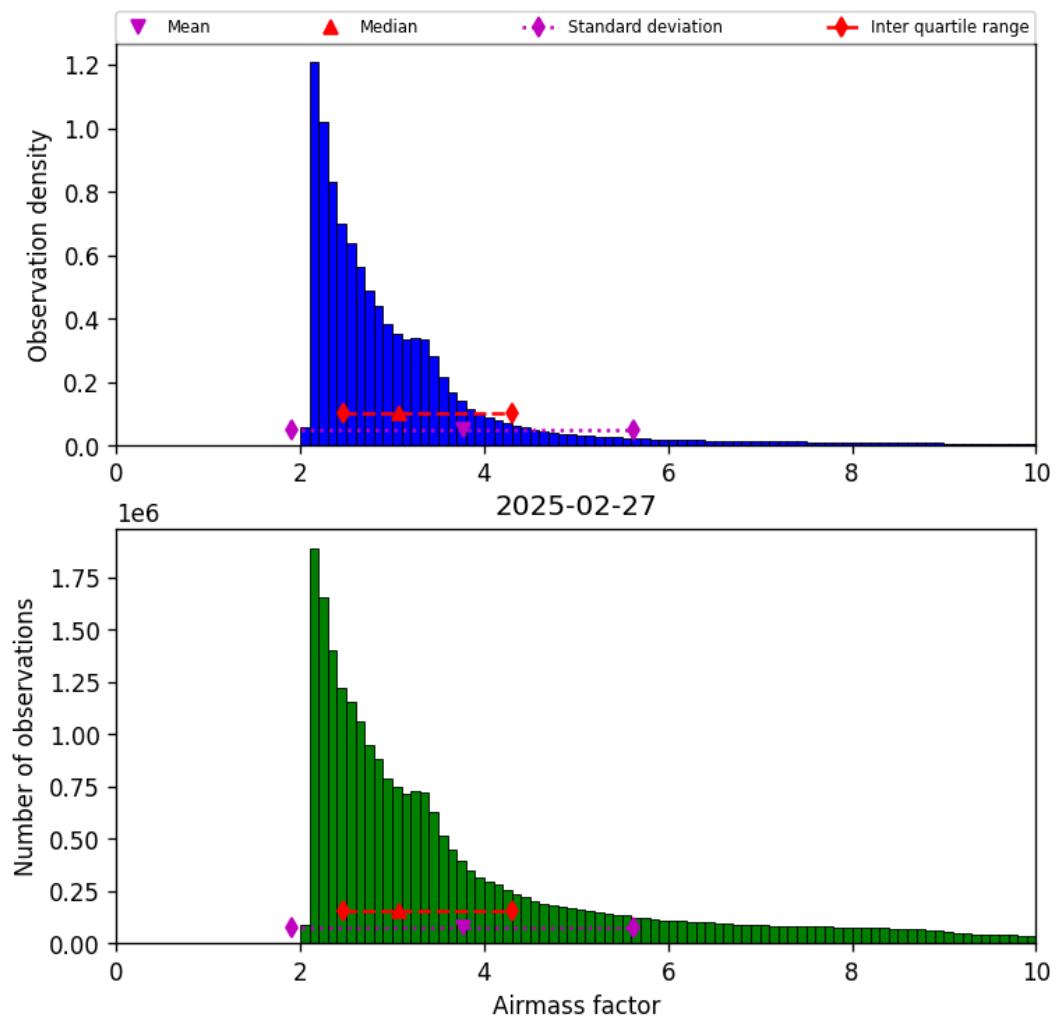


Figure 37: Histogram of “Airmass factor” for 2025-02-27 to 2025-02-27

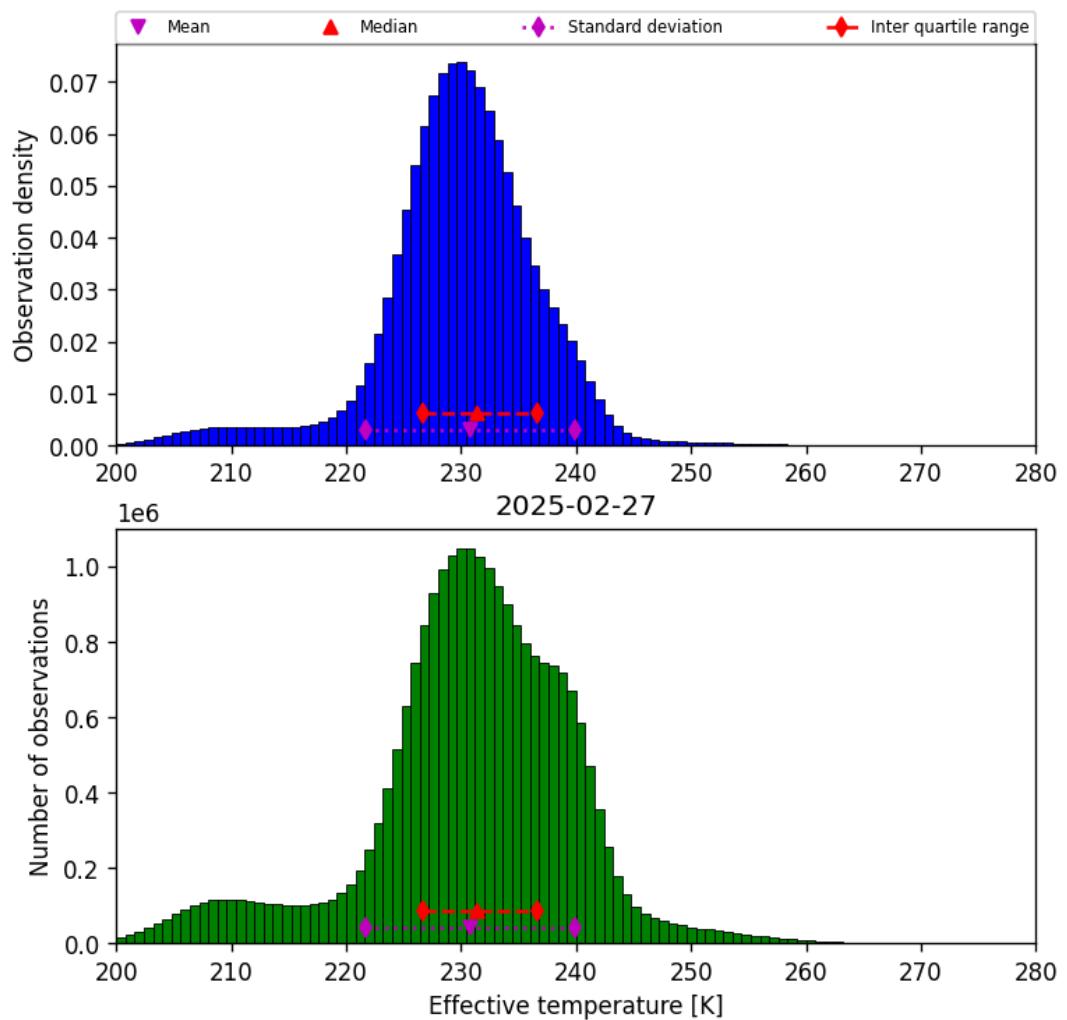


Figure 38: Histogram of “Effective temperature” for 2025-02-27 to 2025-02-27

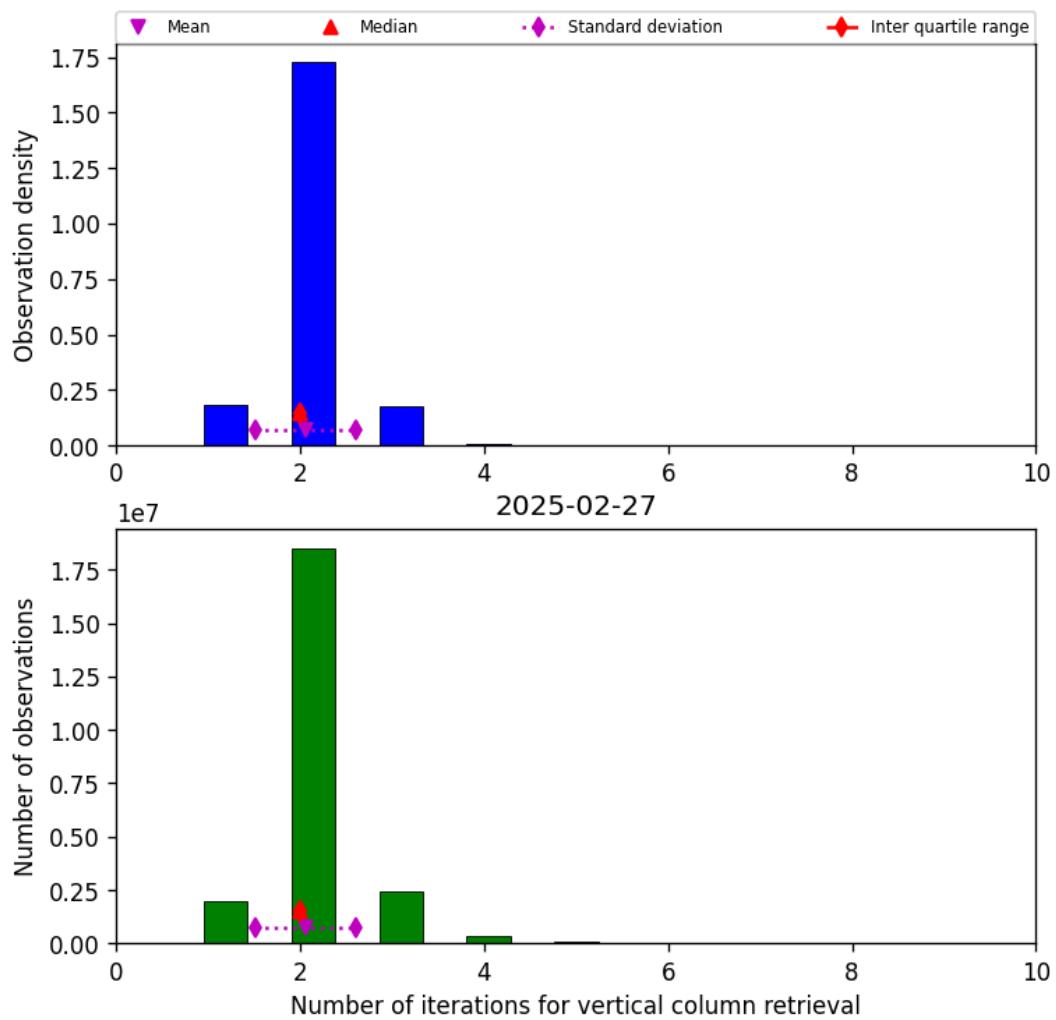


Figure 39: Histogram of “Number of iterations for vertical column retrieval” for 2025-02-27 to 2025-02-27

9 Along track statistics

The TROPOMI instrument uses different binned detector rows for different viewing directions. In this section statistics are presented for each of the binned rows in the instrument.

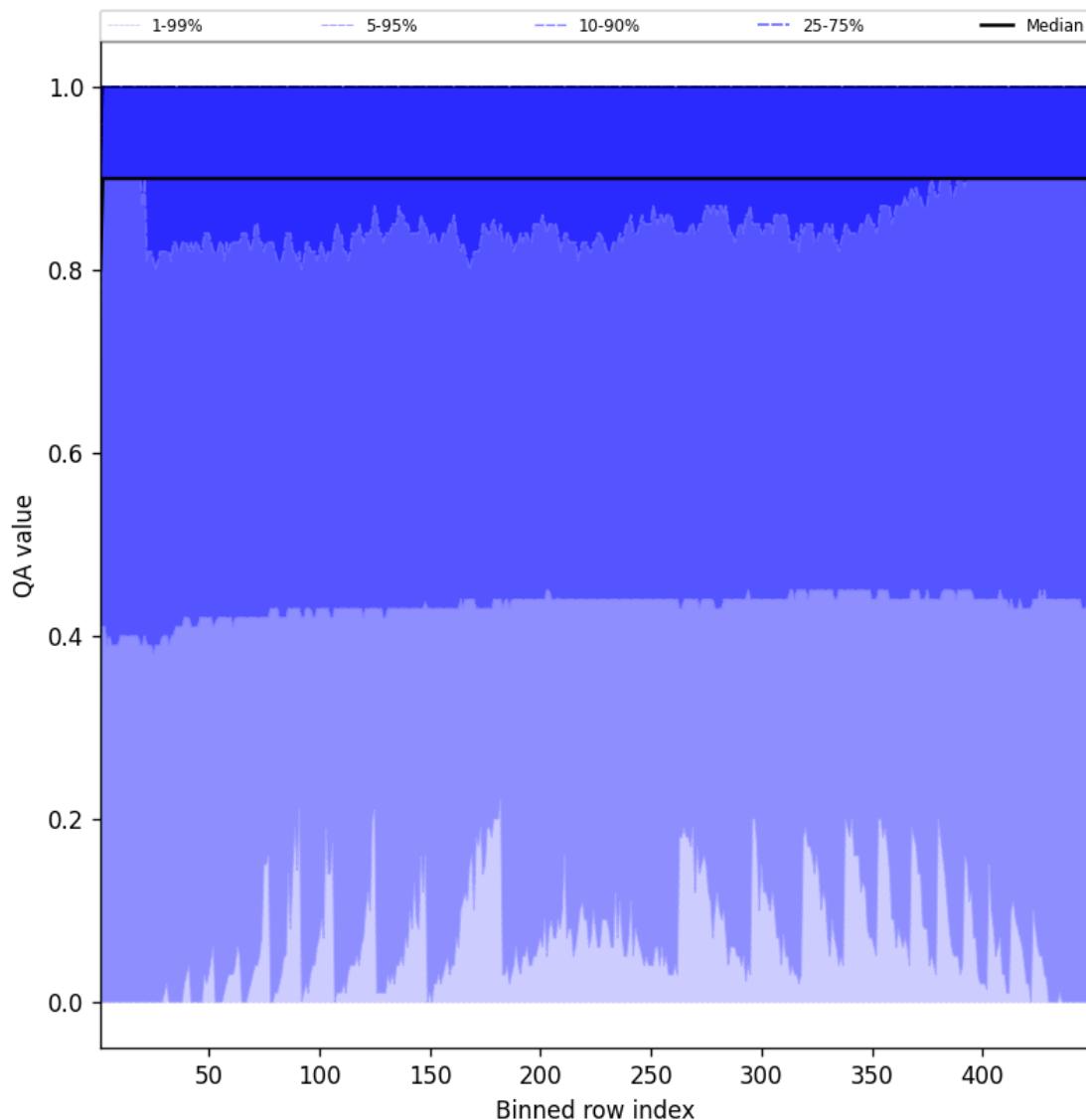


Figure 40: Along track statistics of “QA value” for 2025-02-27 to 2025-02-27

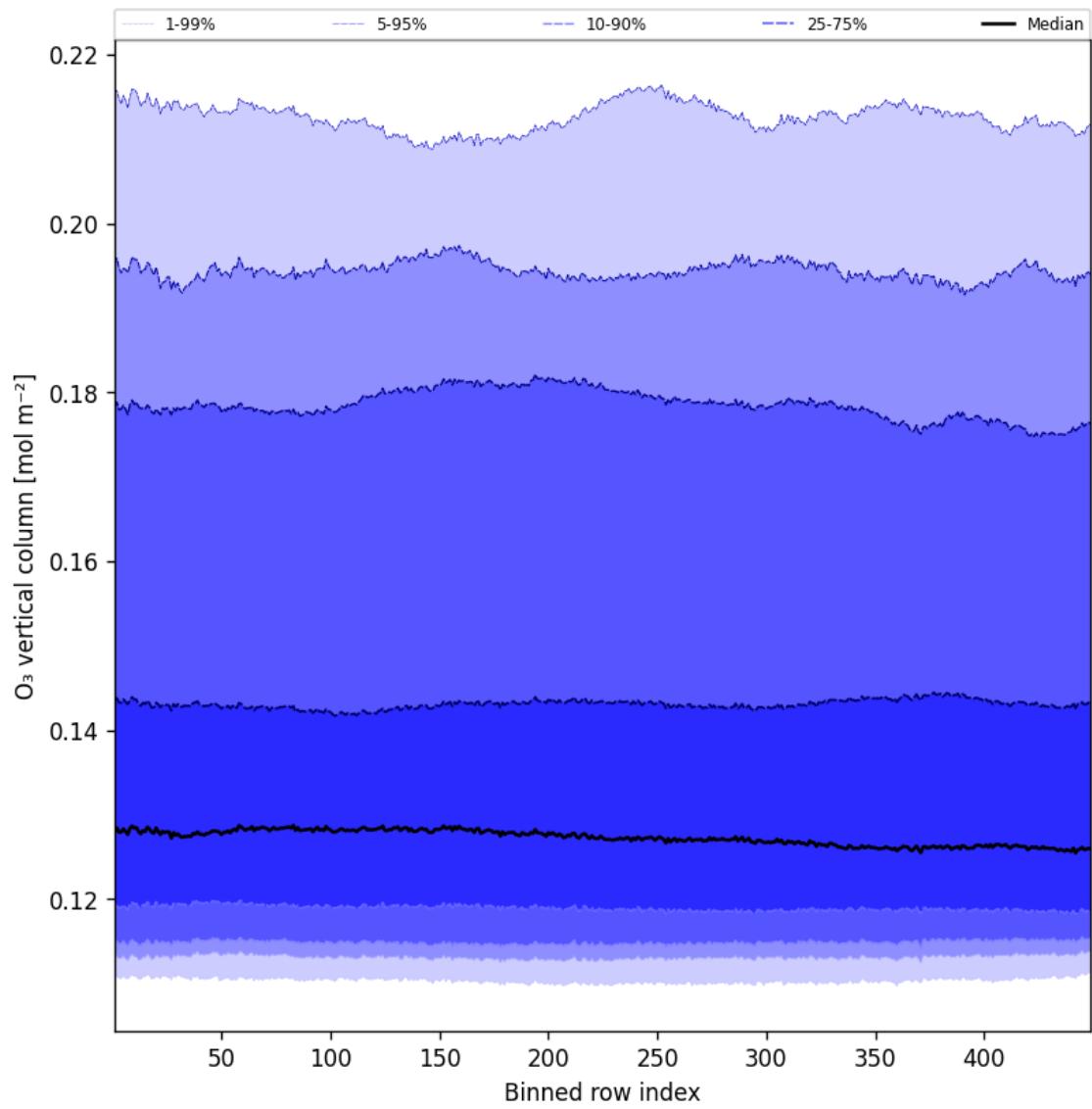


Figure 41: Along track statistics of “O₃ vertical column” for 2025-02-27 to 2025-02-27

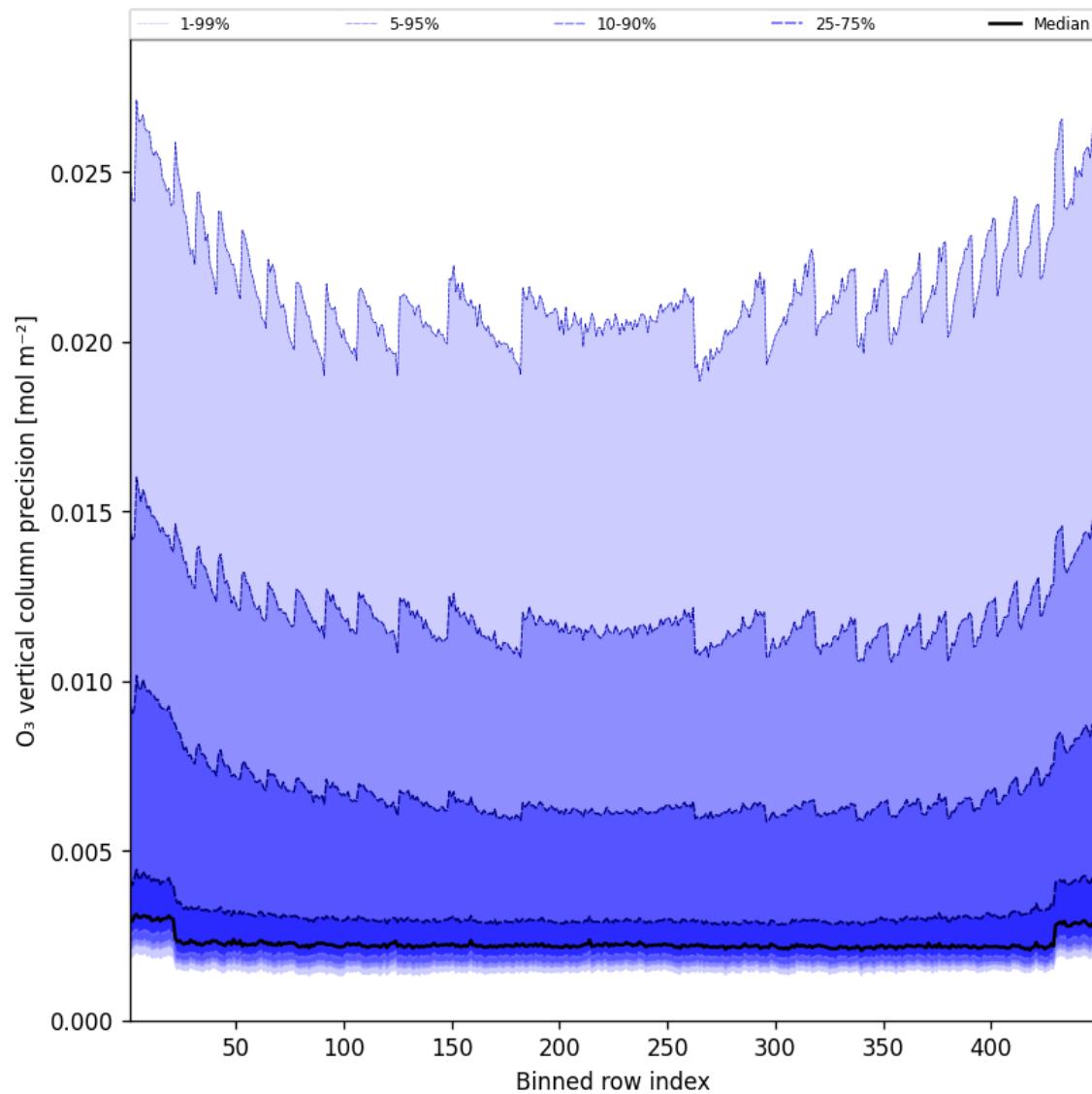


Figure 42: Along track statistics of “O₃ vertical column precision” for 2025-02-27 to 2025-02-27

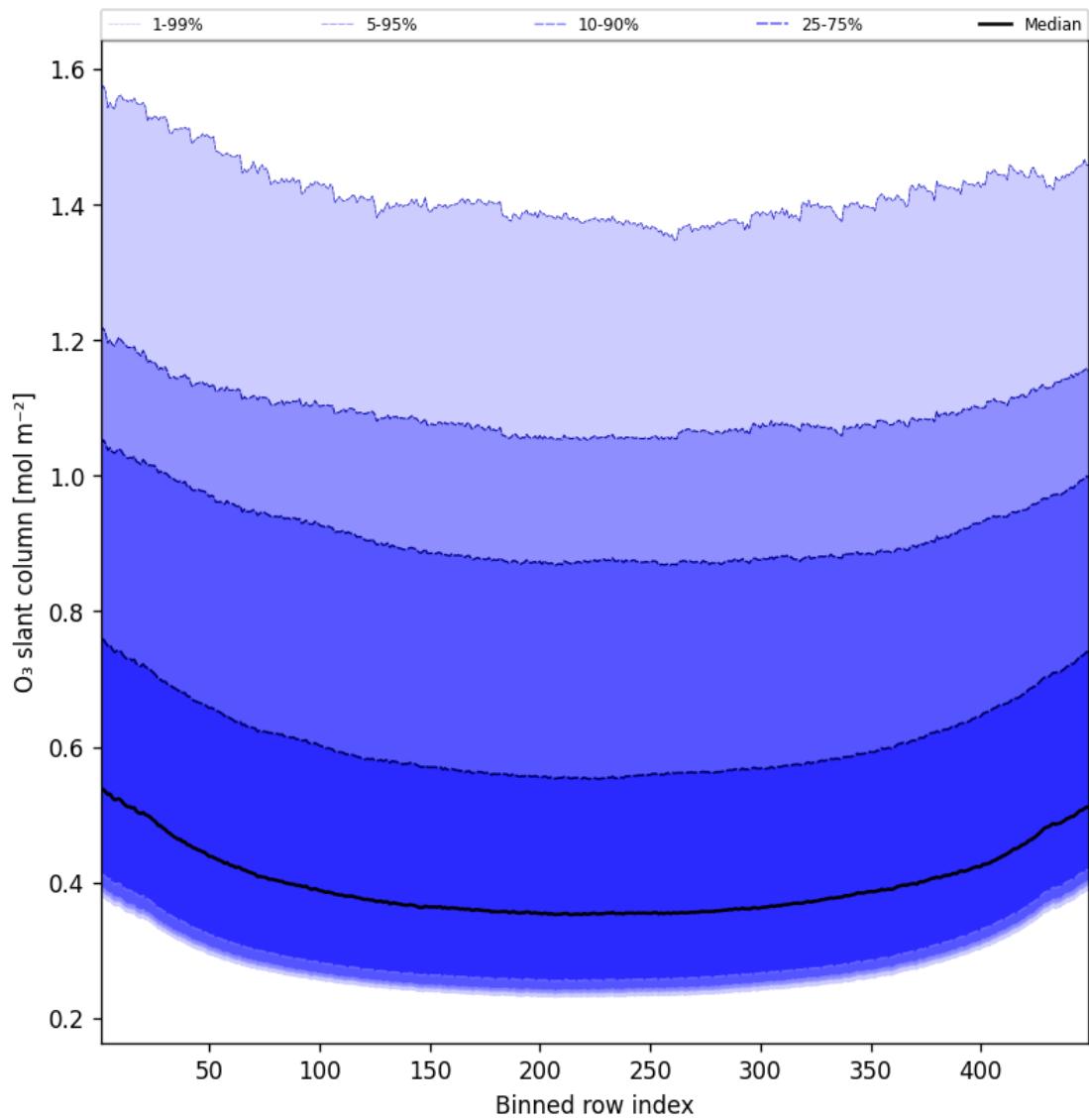


Figure 43: Along track statistics of “O₃ slant column” for 2025-02-27 to 2025-02-27

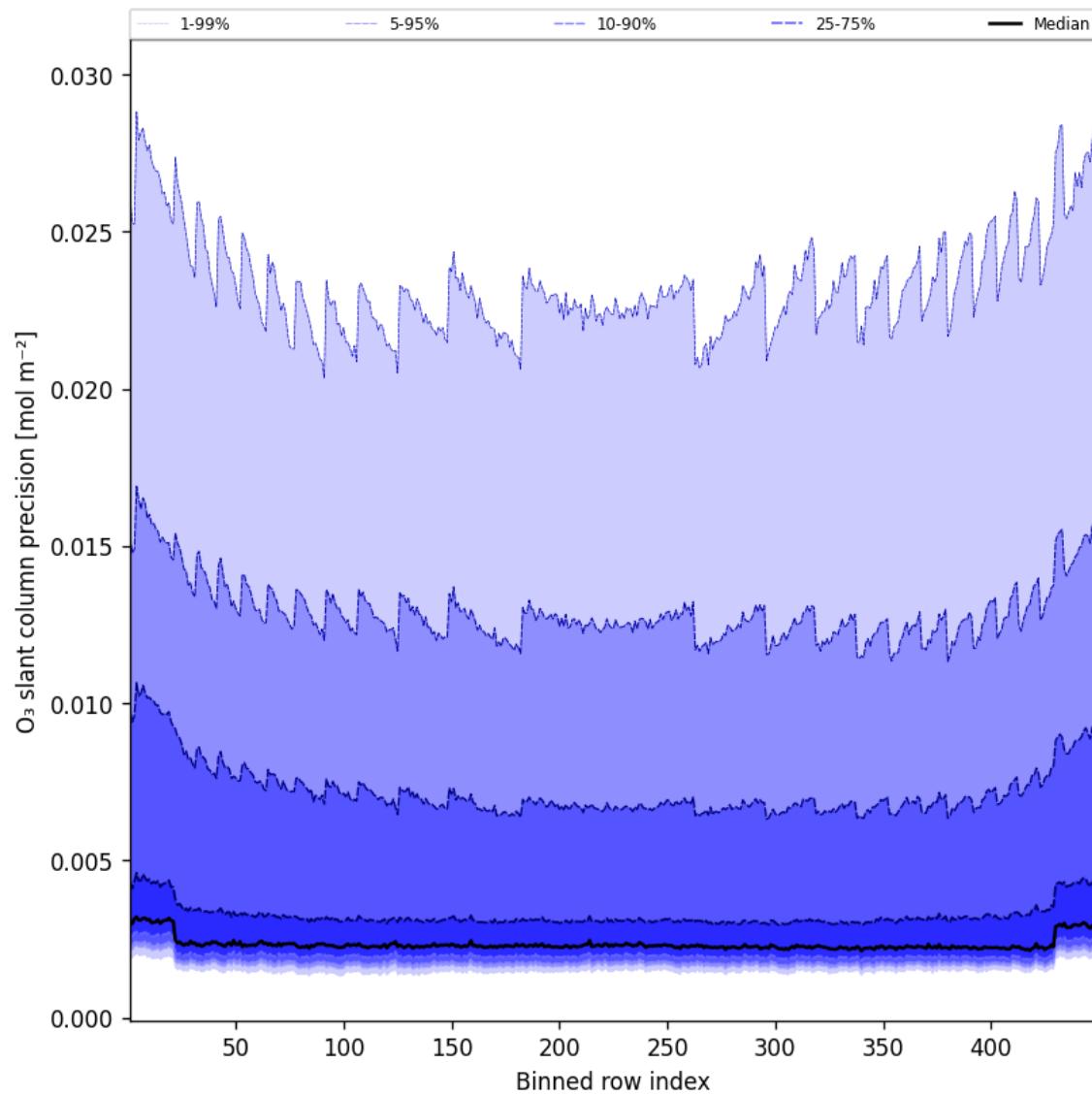


Figure 44: Along track statistics of “ O_3 slant column precision” for 2025-02-27 to 2025-02-27

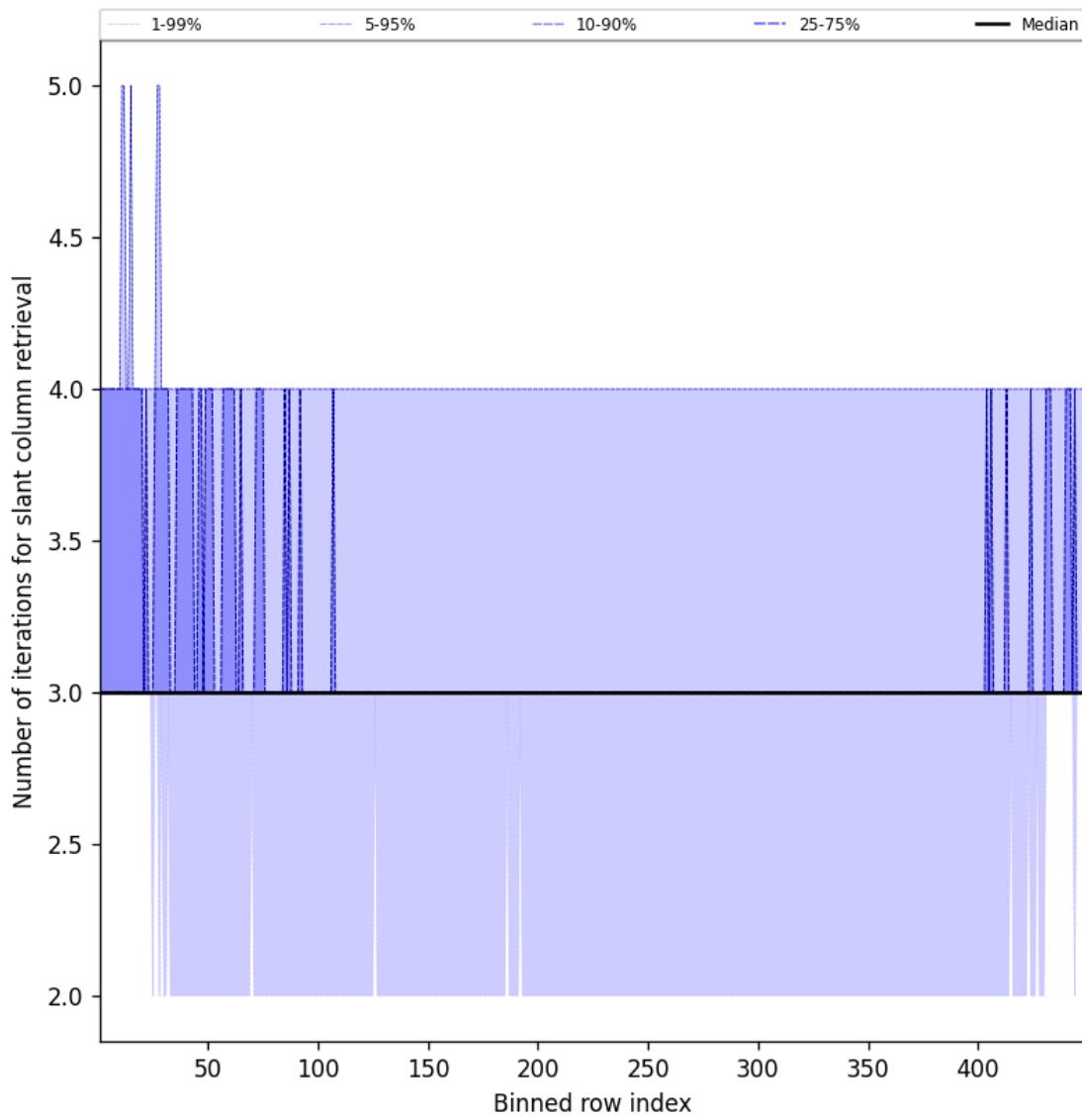


Figure 45: Along track statistics of “Number of iterations for slant column retrieval” for 2025-02-27 to 2025-02-27

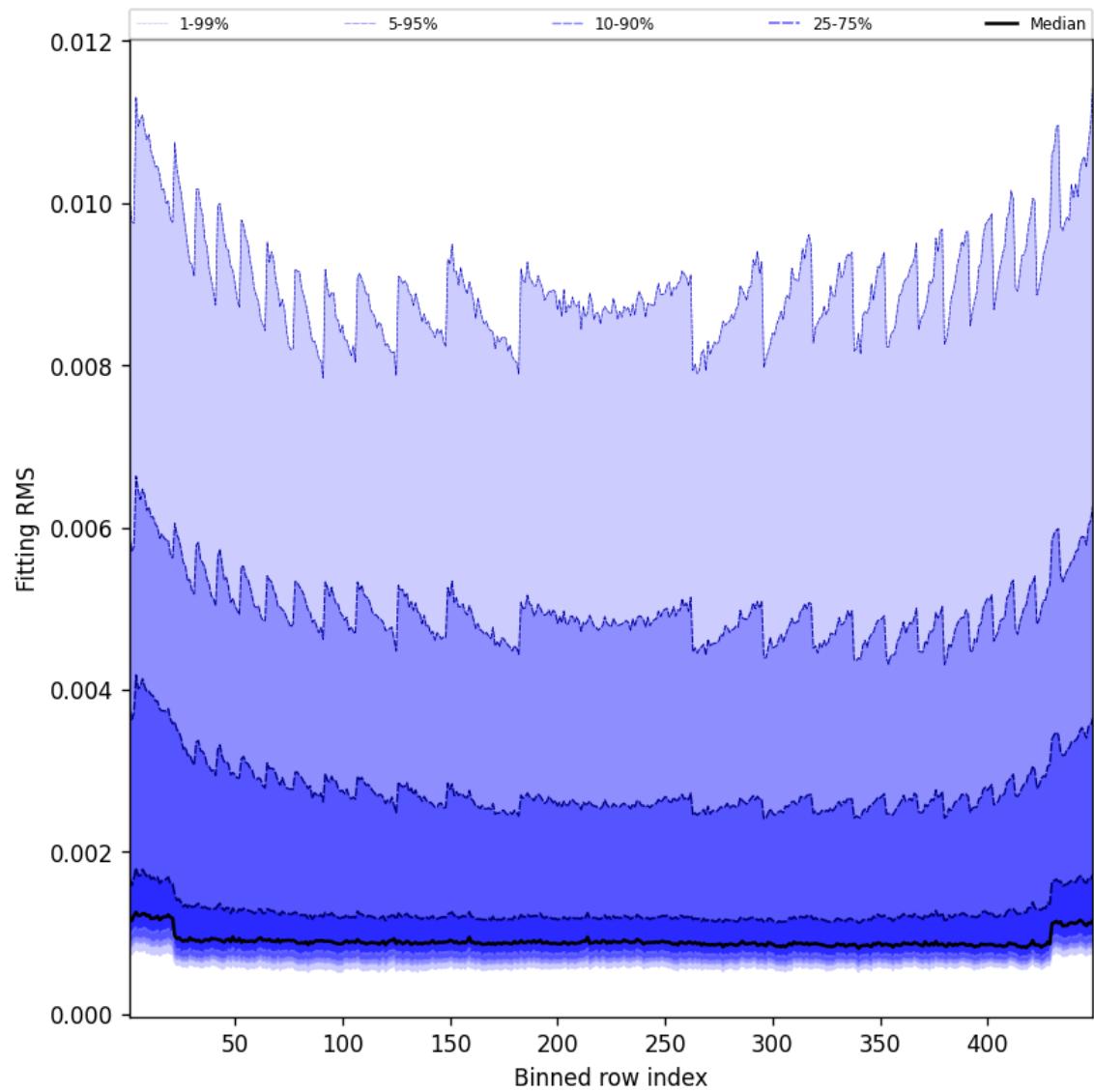


Figure 46: Along track statistics of “Fitting RMS” for 2025-02-27 to 2025-02-27

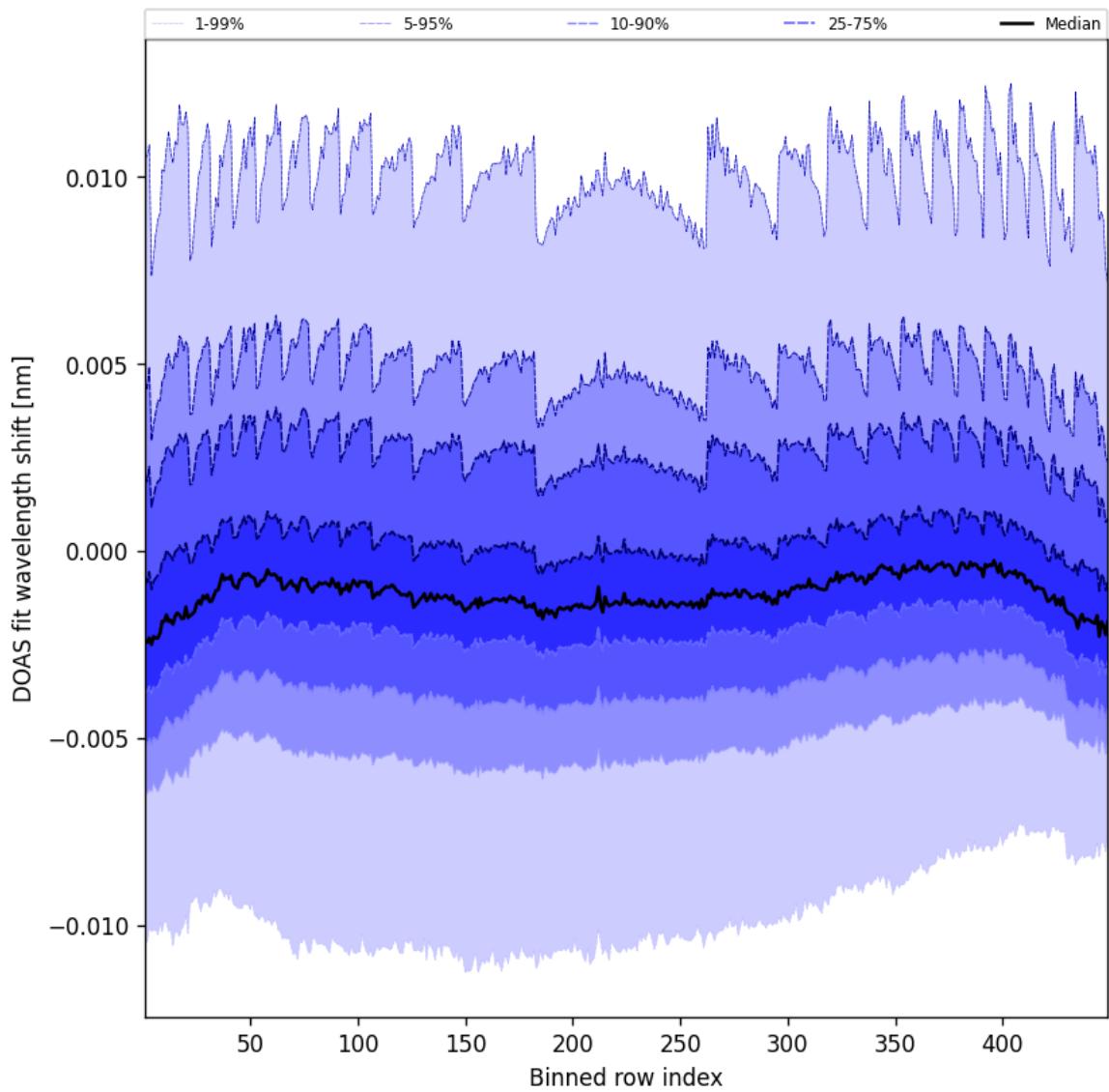


Figure 47: Along track statistics of “DOAS fit wavelength shift” for 2025-02-27 to 2025-02-27

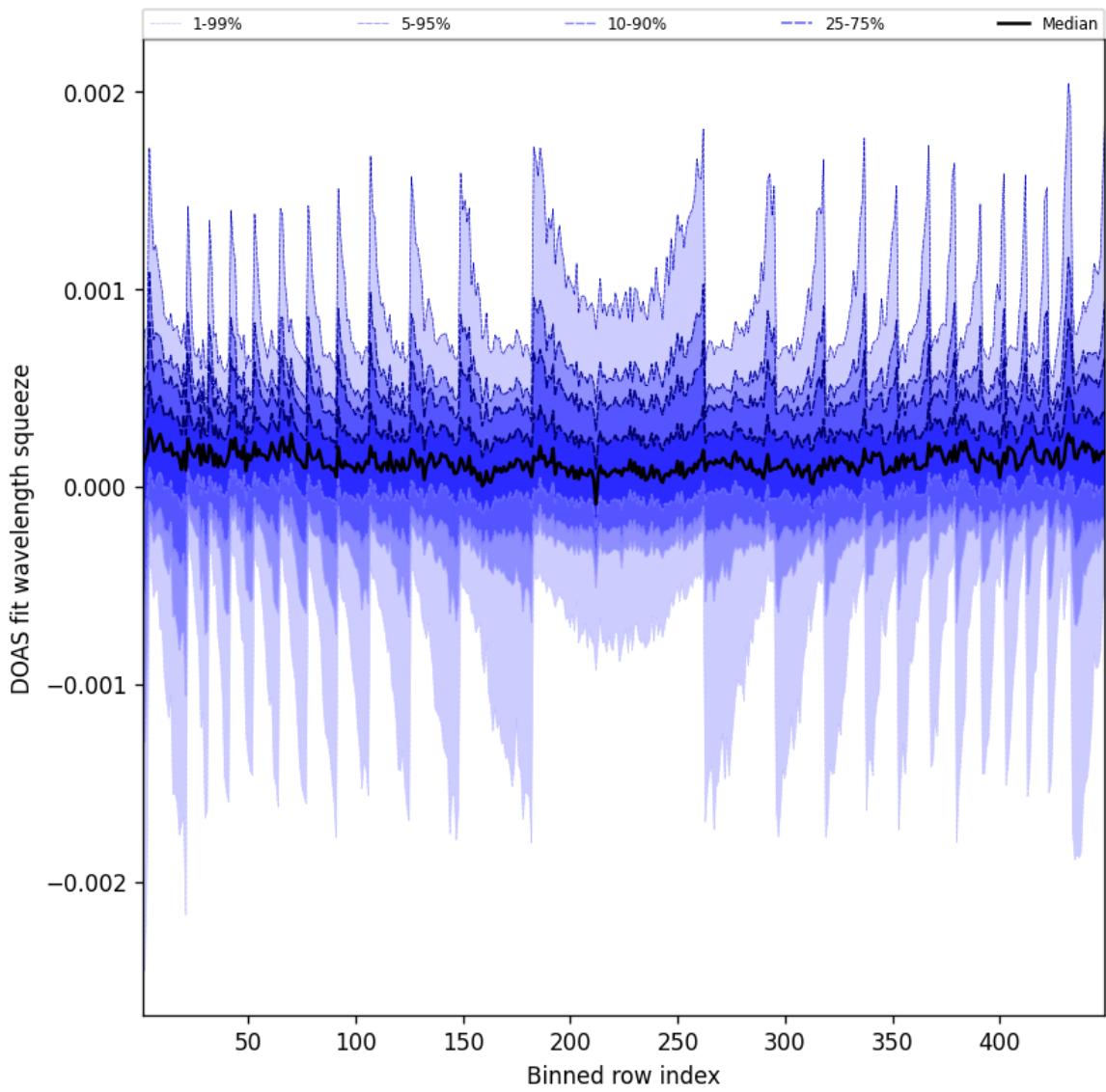


Figure 48: Along track statistics of “DOAS fit wavelength squeeze” for 2025-02-27 to 2025-02-27

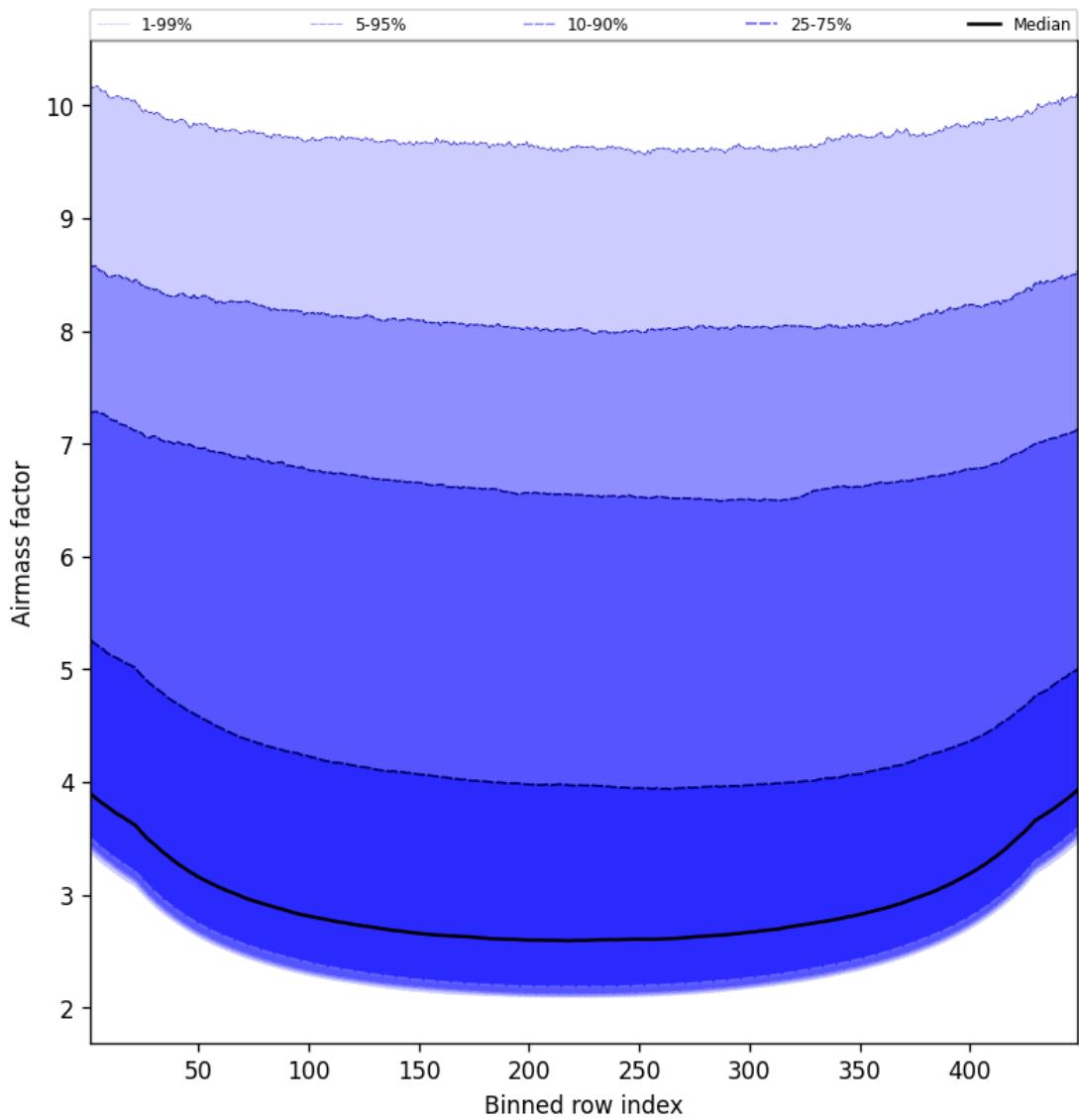


Figure 49: Along track statistics of “Airmass factor” for 2025-02-27 to 2025-02-27

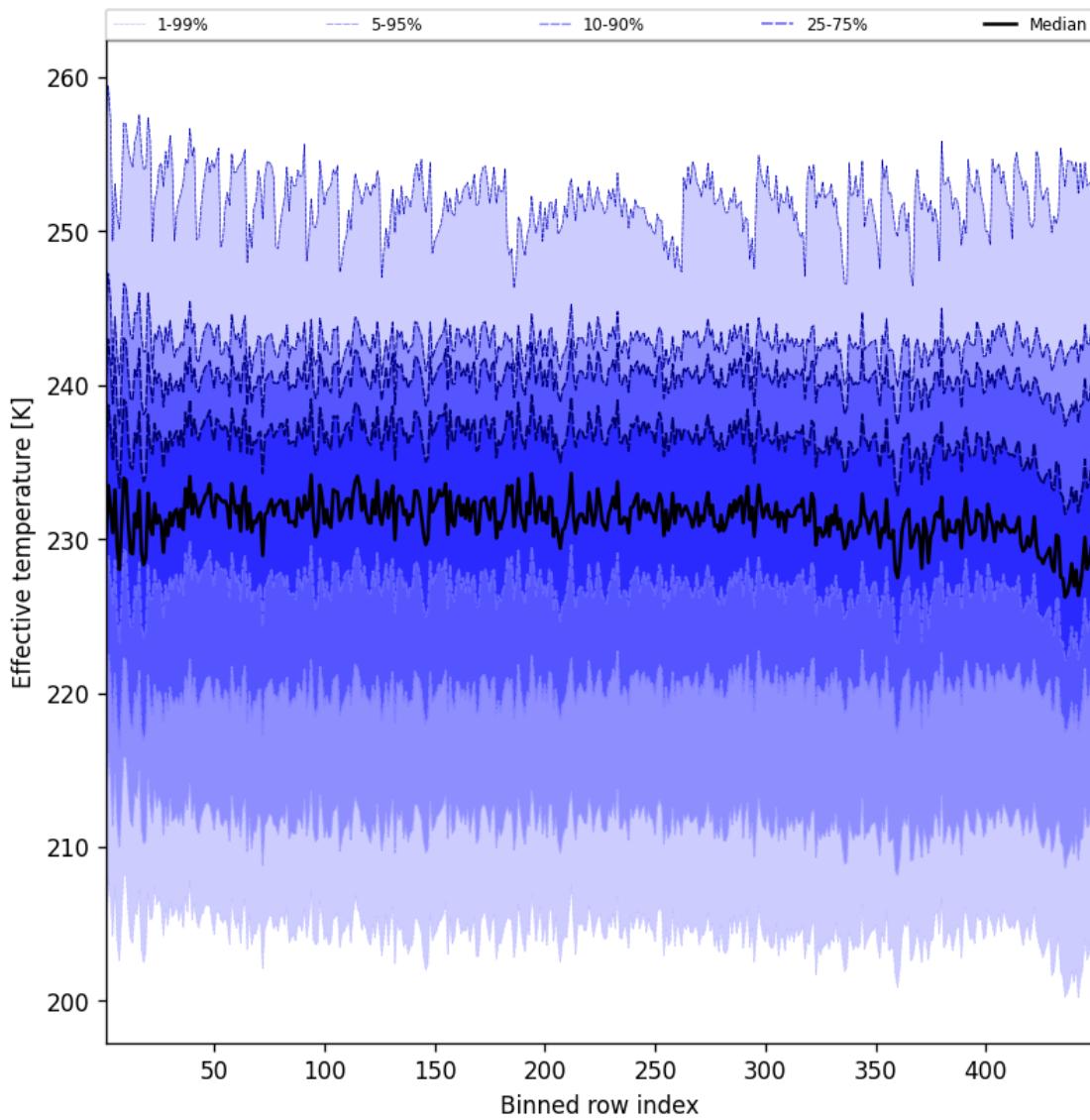


Figure 50: Along track statistics of “Effective temperature” for 2025-02-27 to 2025-02-27

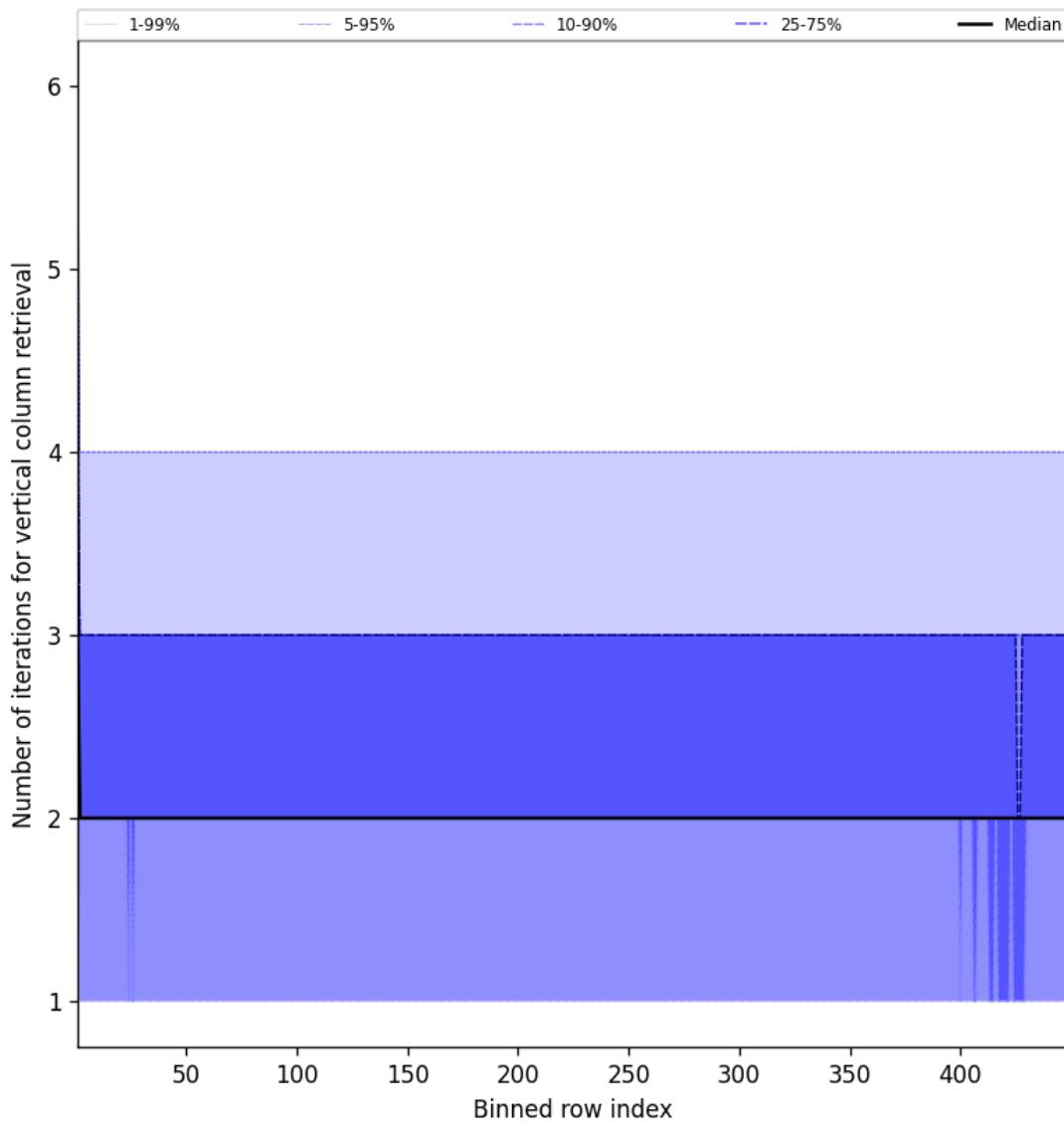


Figure 51: Along track statistics of “Number of iterations for vertical column retrieval” for 2025-02-27 to 2025-02-27

10 Coincidence density

To investigate the relation between parameters scatter density plots are produced. These include some ‘hidden’ parameters, latitude and the solar- and viewing geometries, in addition to all configured parameters. All combinations of pairs of parameters are included *once*, in one direction alone.

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