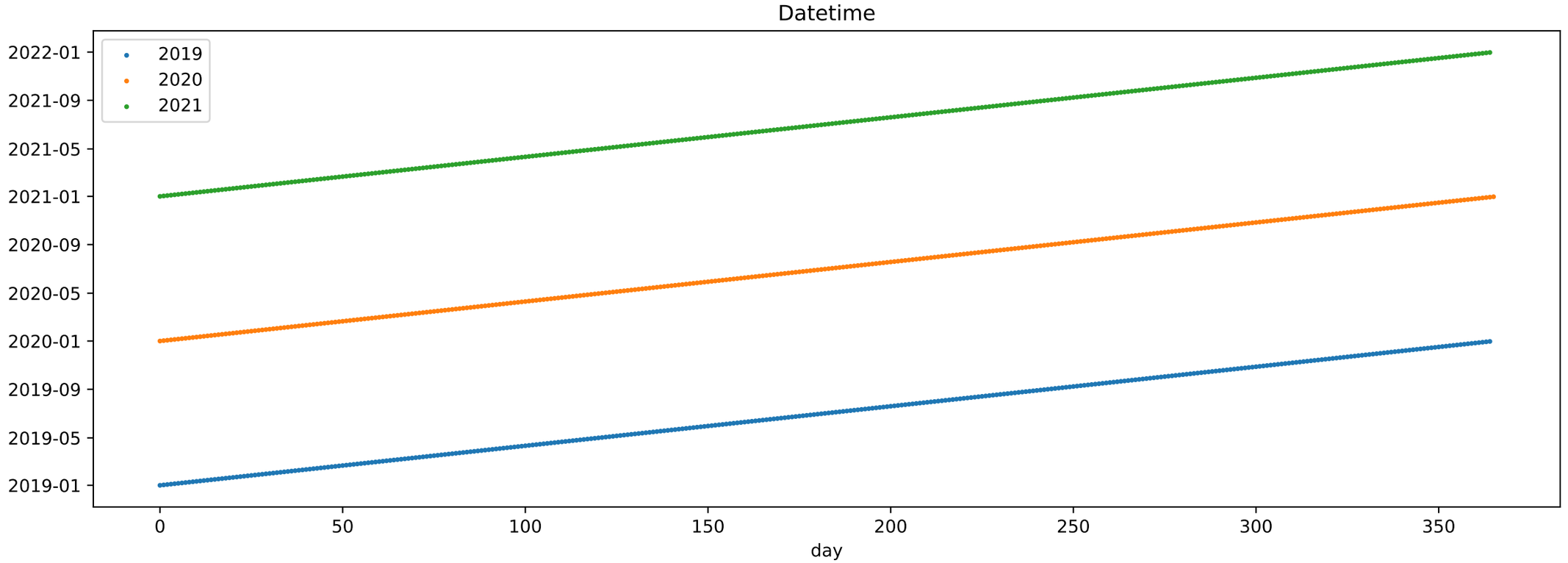
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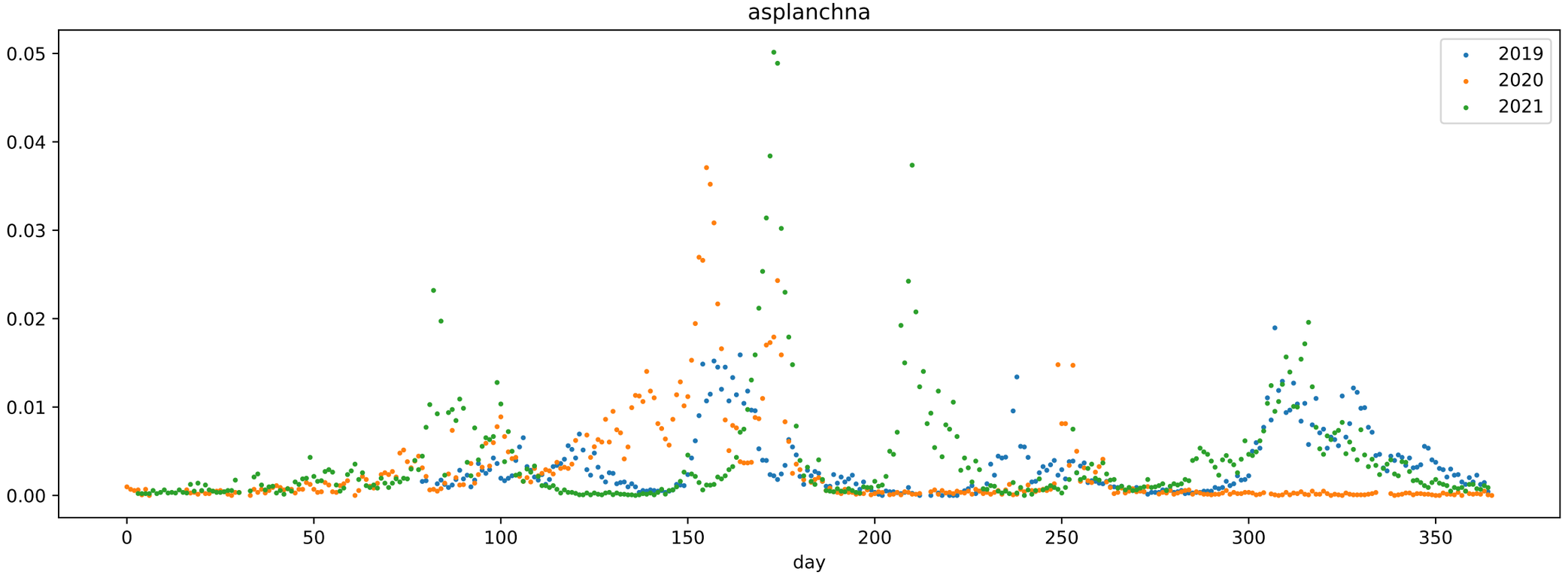
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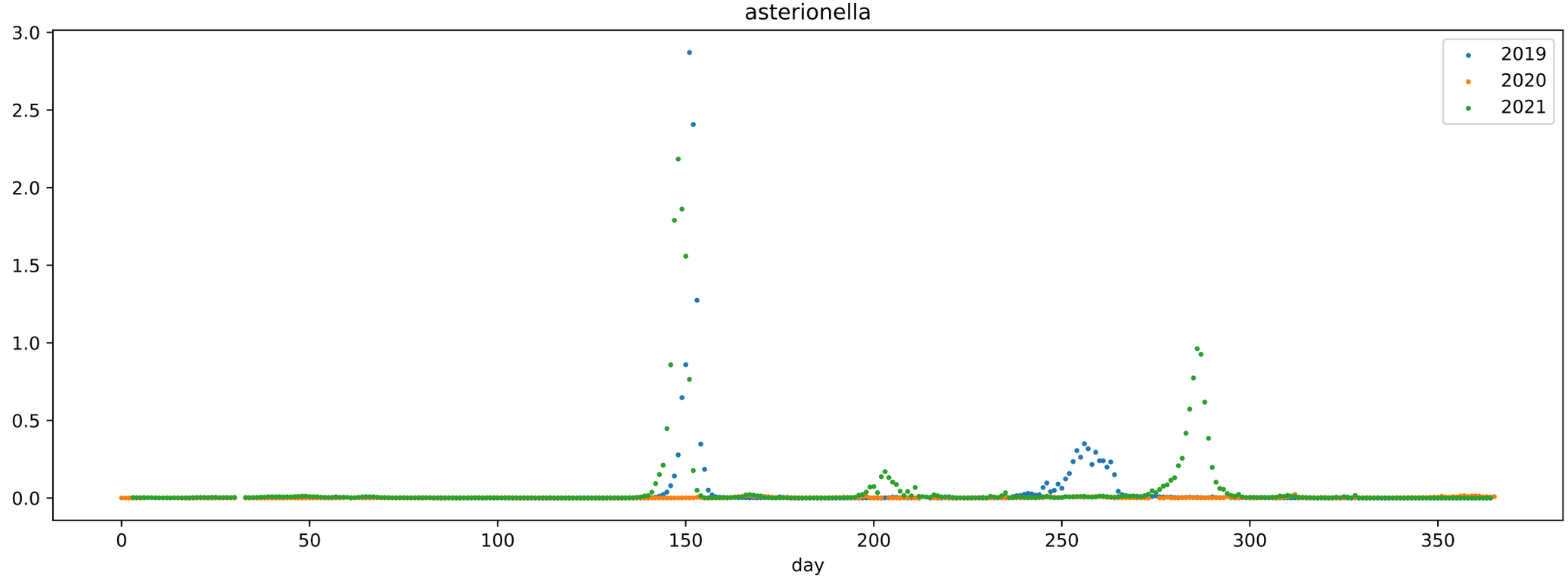
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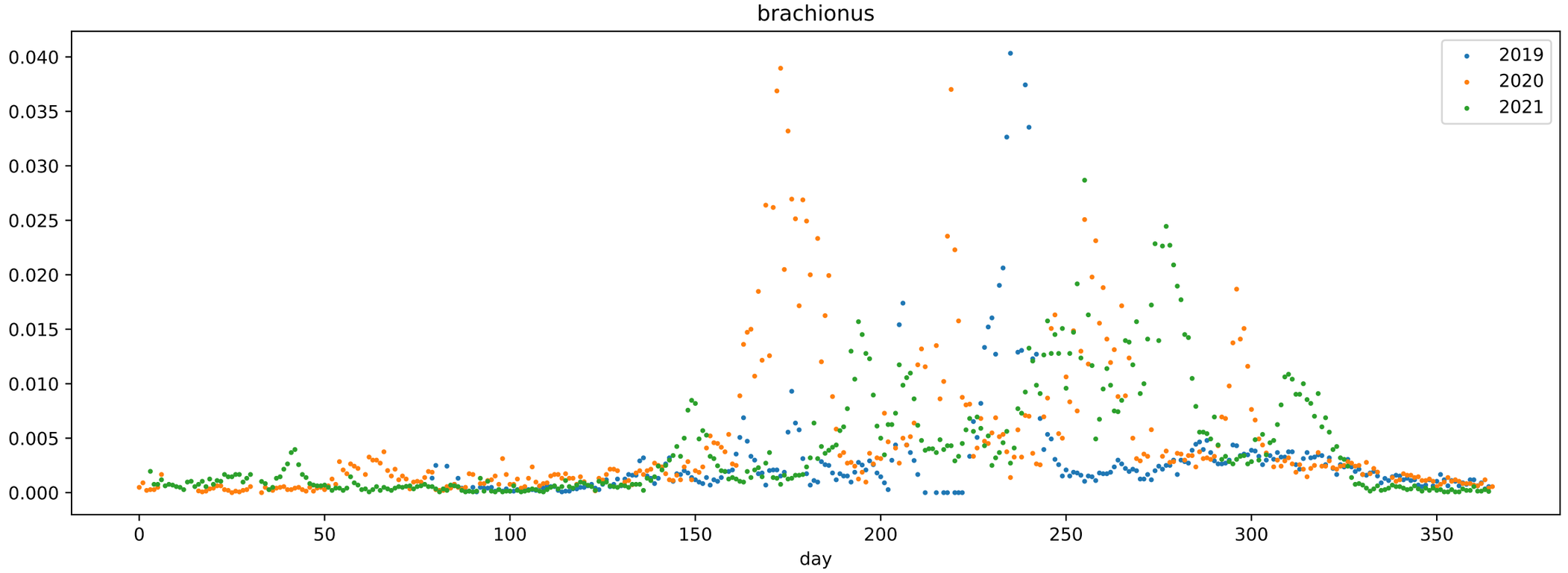
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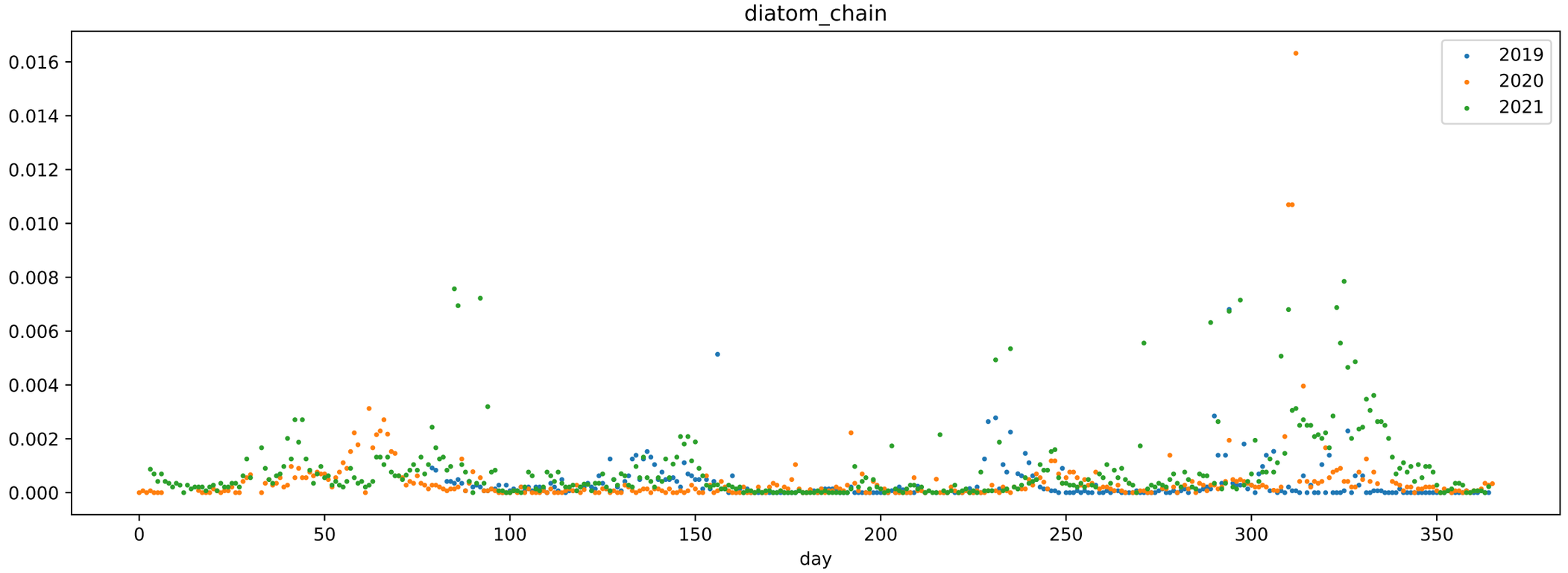
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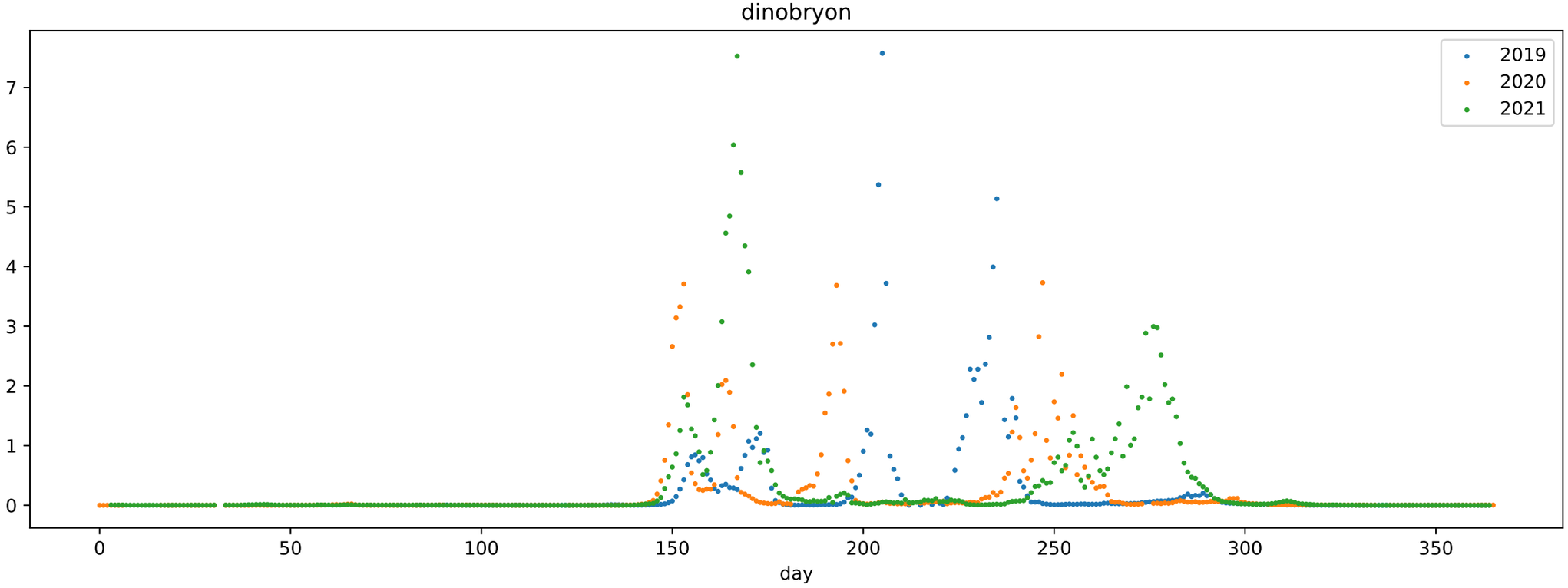
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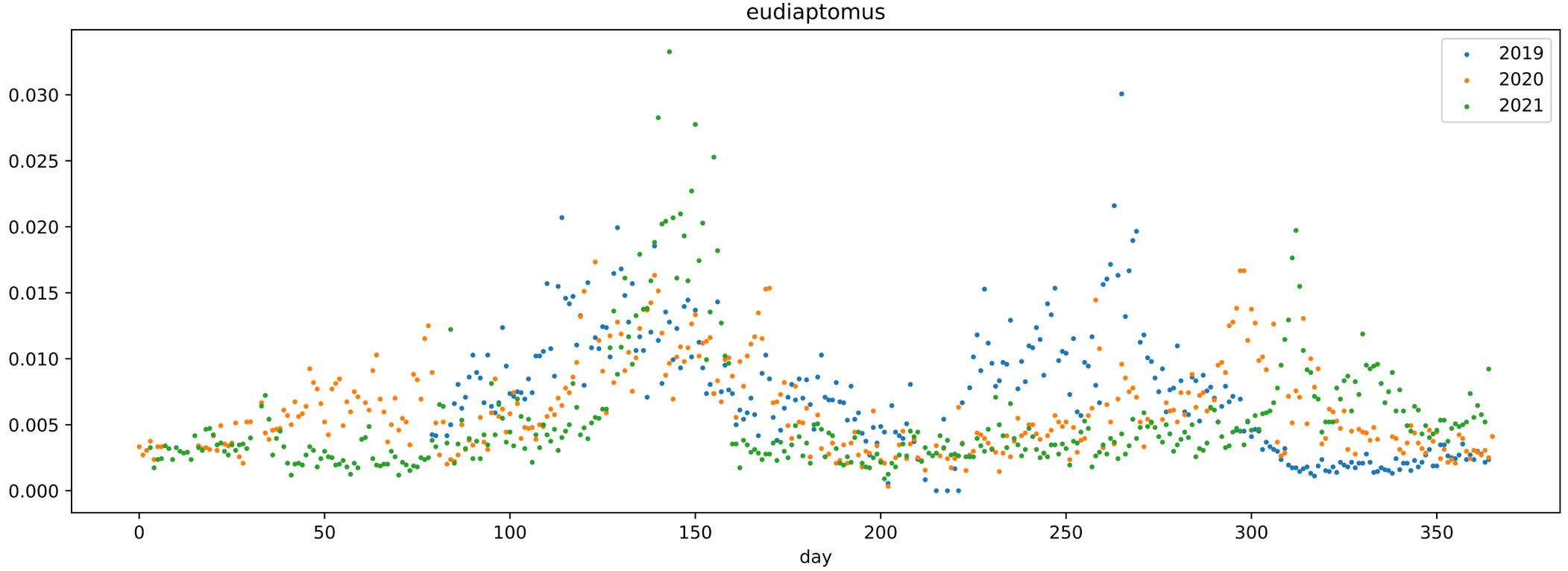
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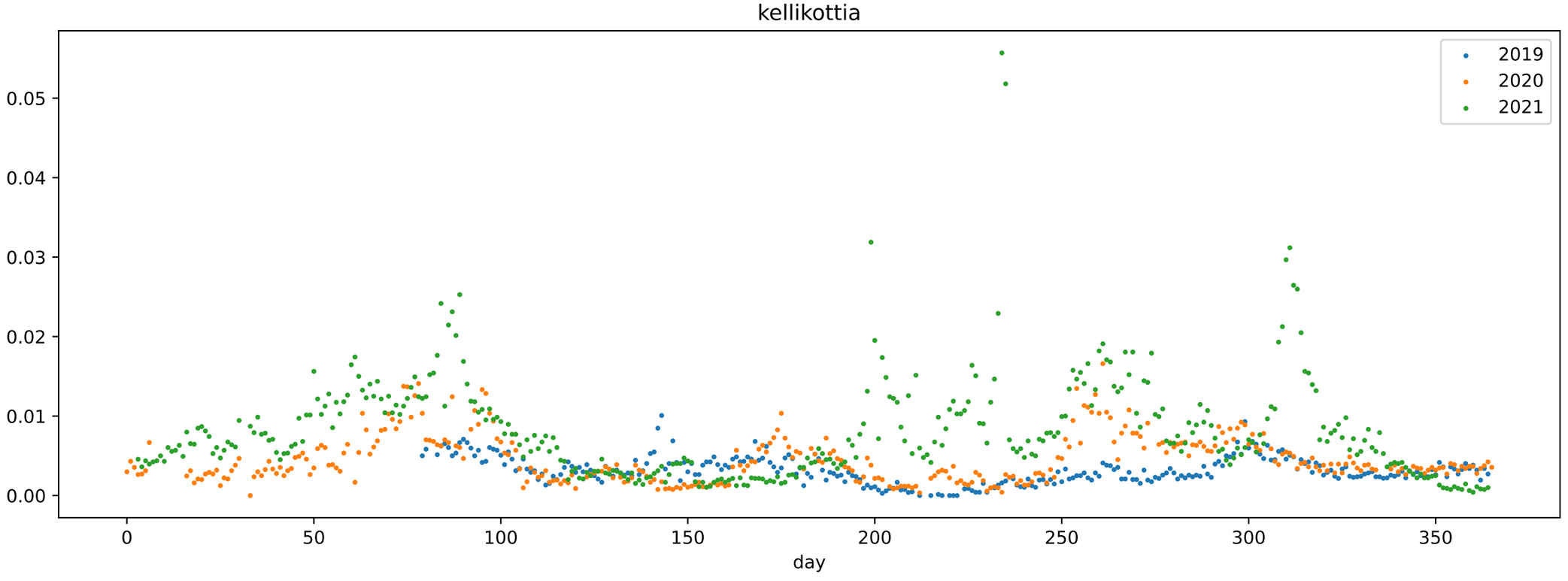
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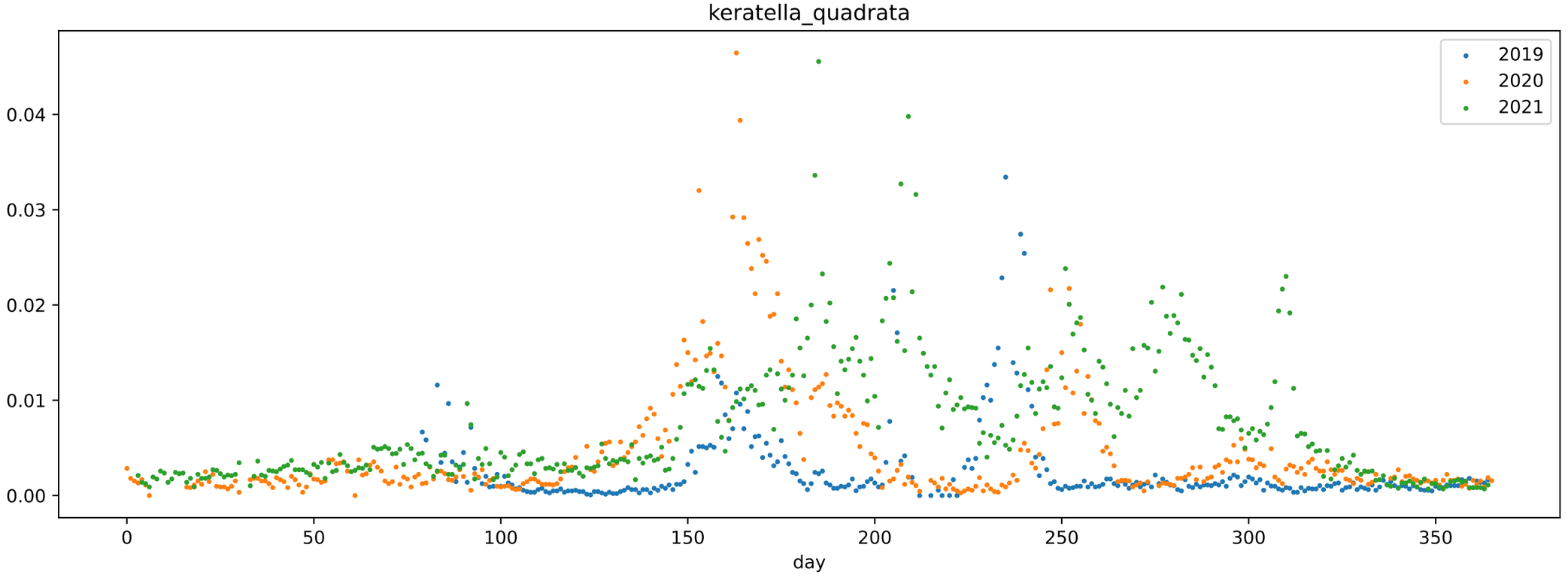
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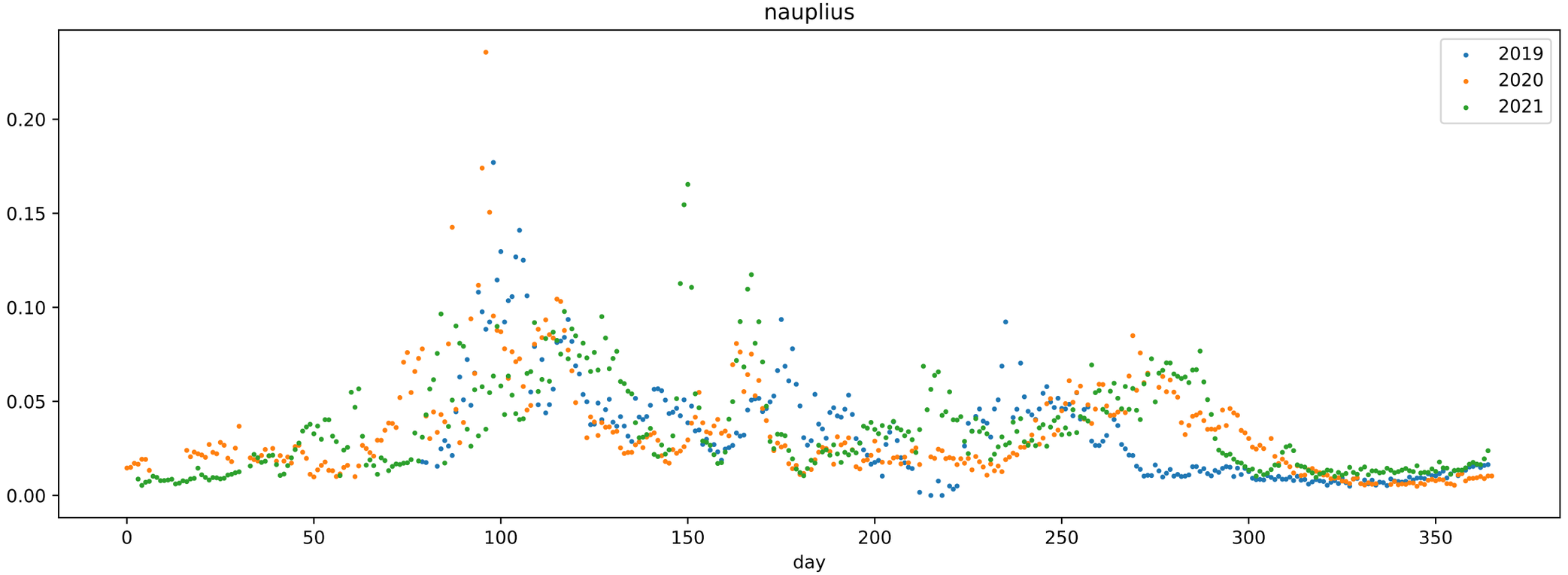
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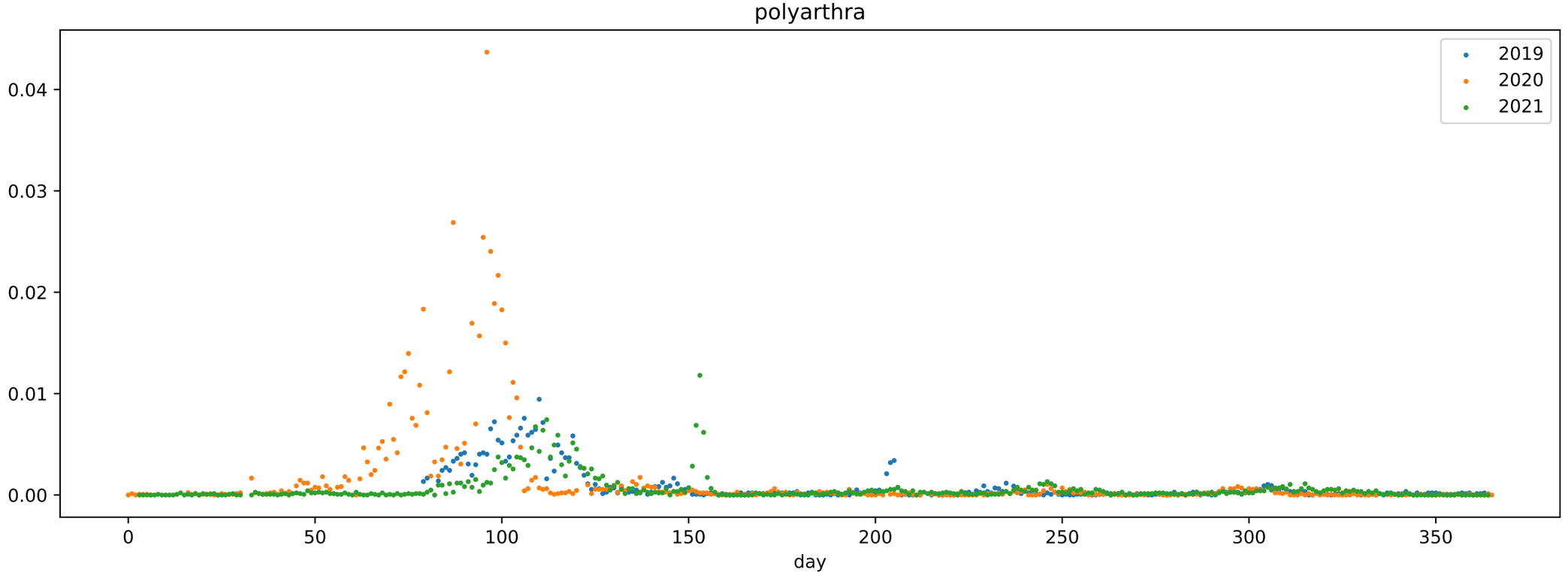
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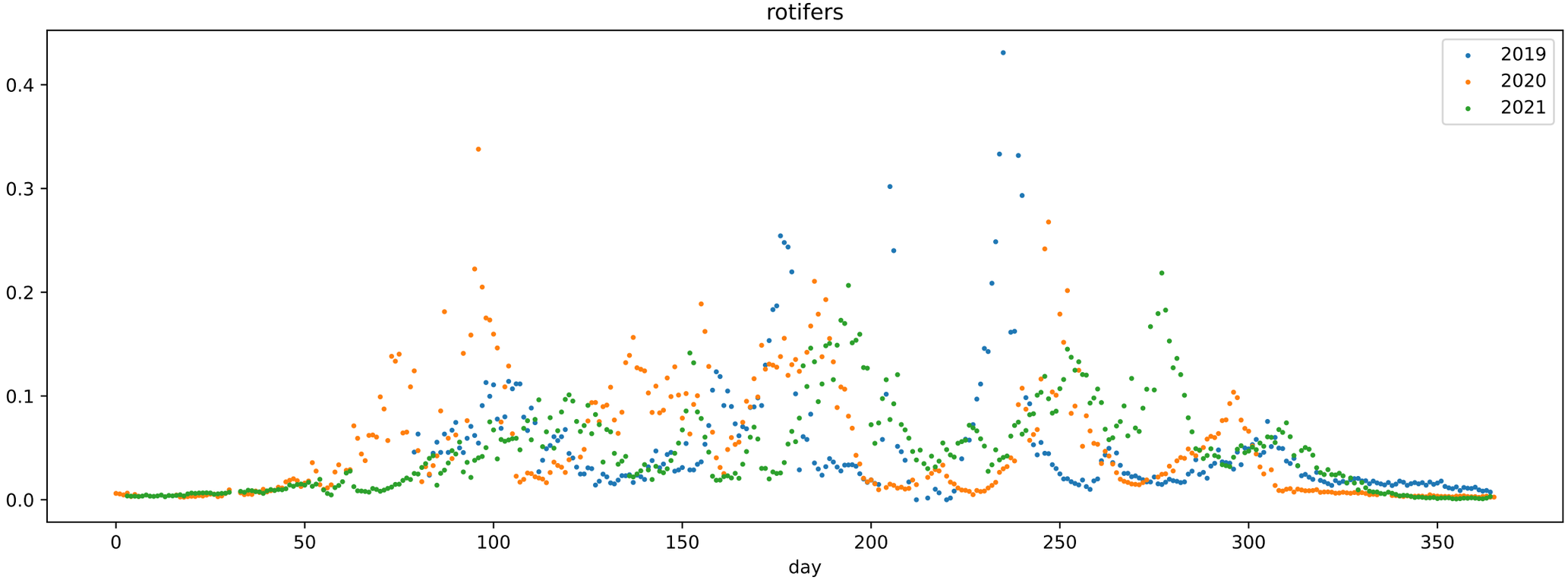
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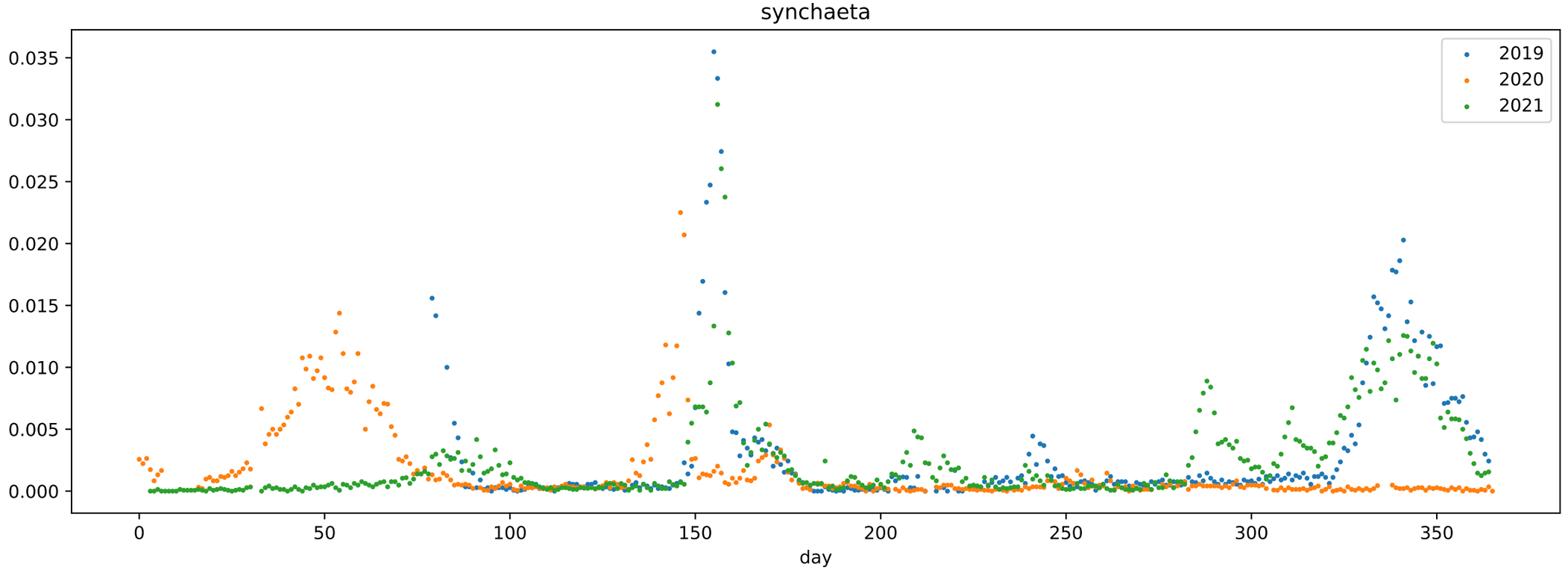
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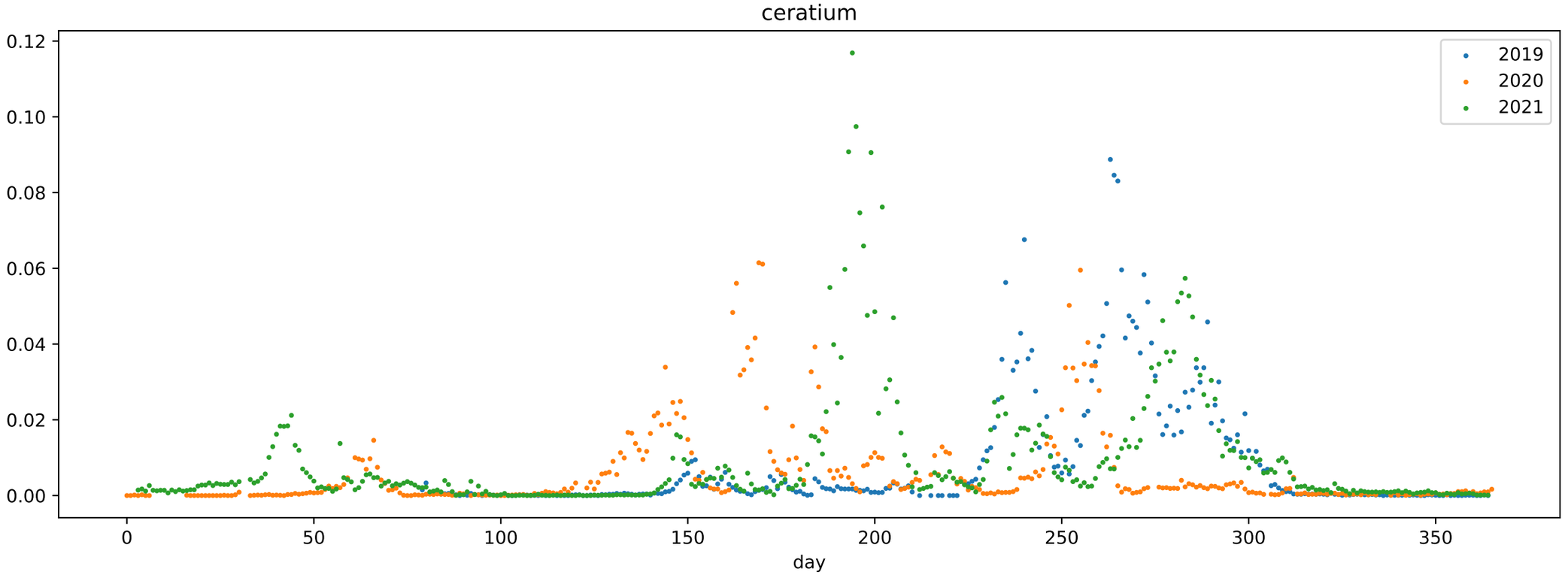
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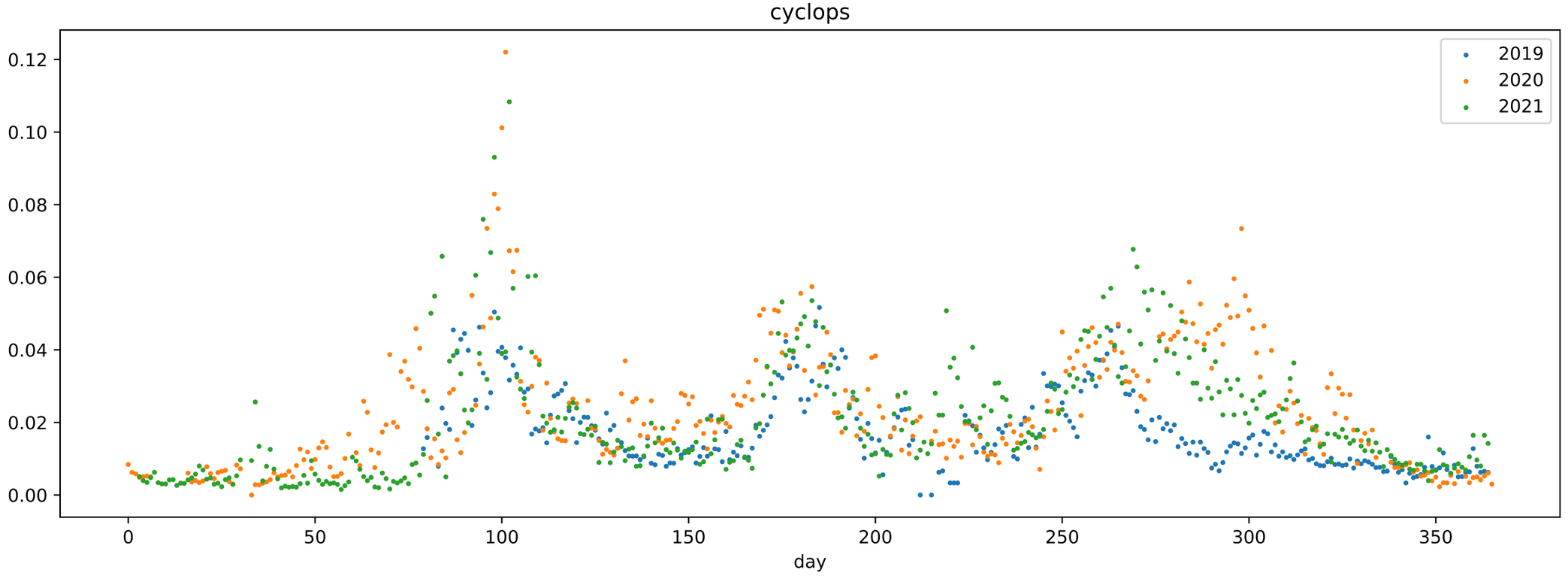
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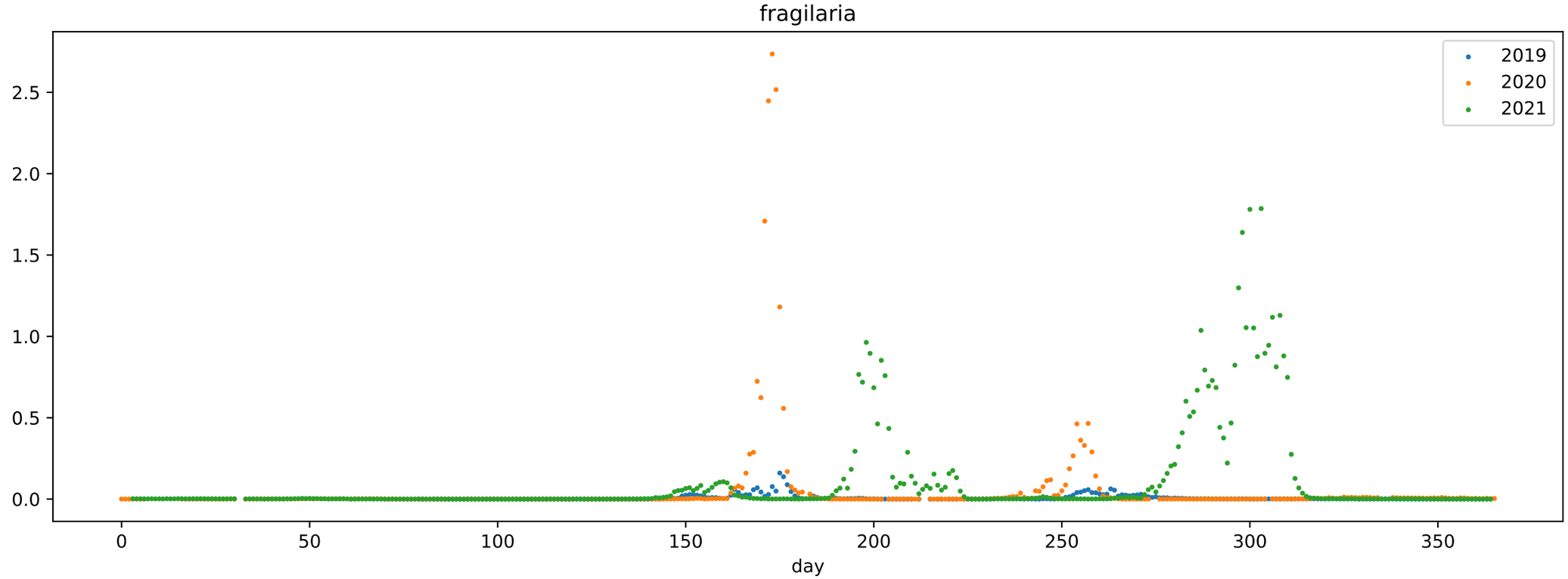
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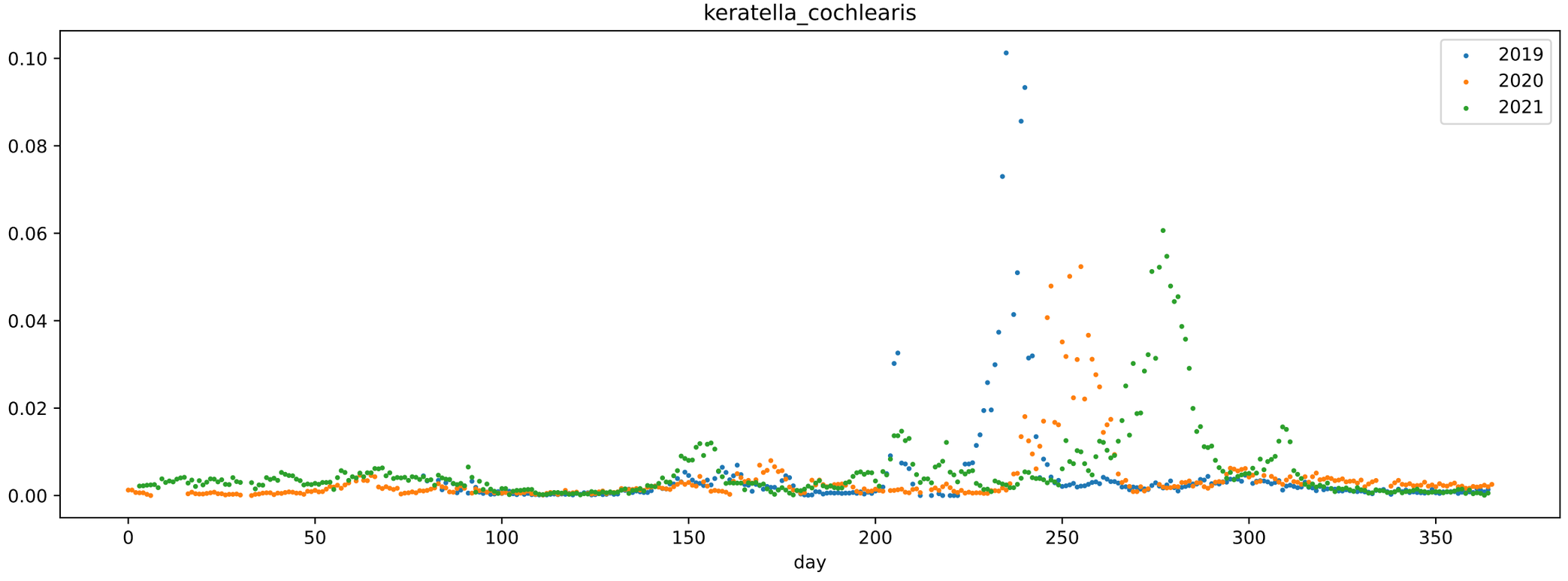
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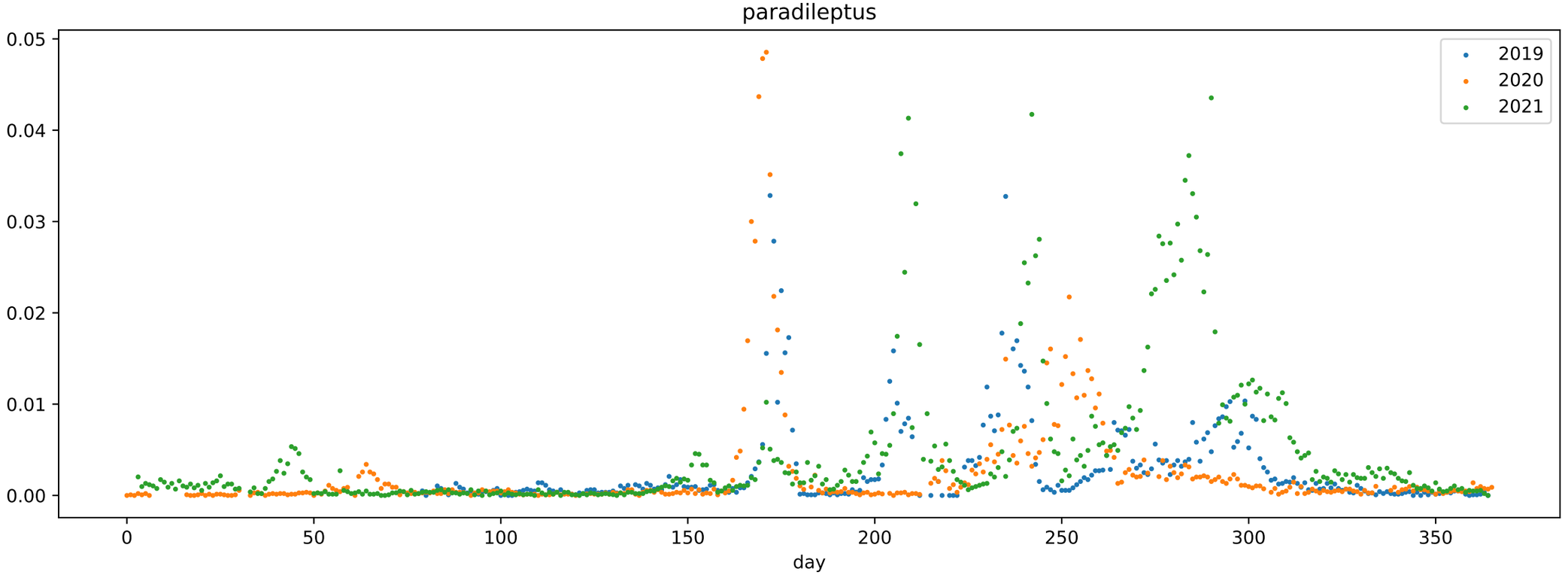
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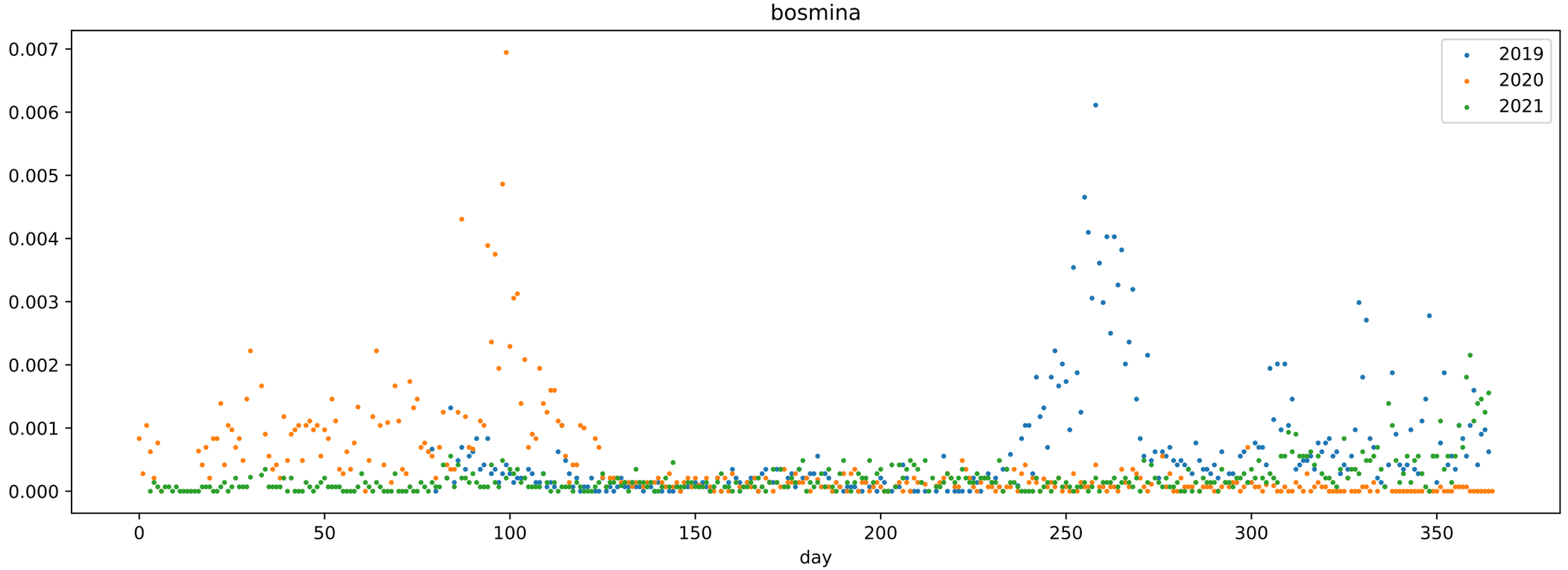
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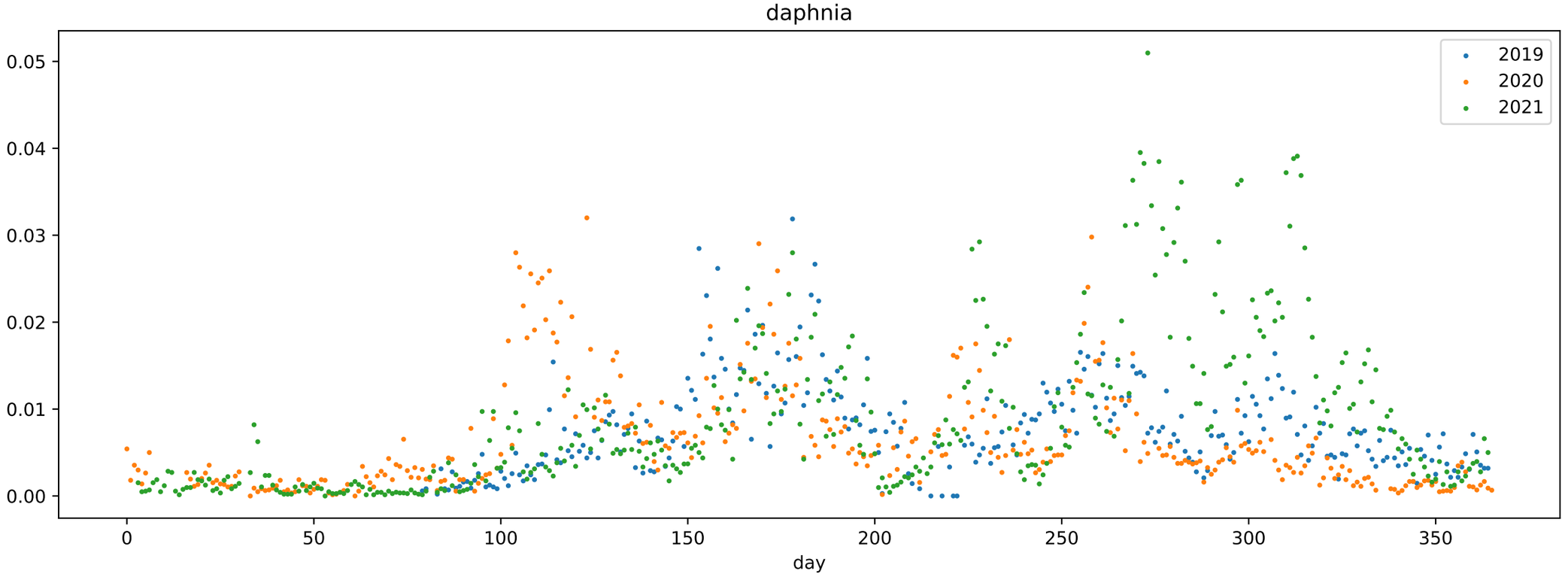
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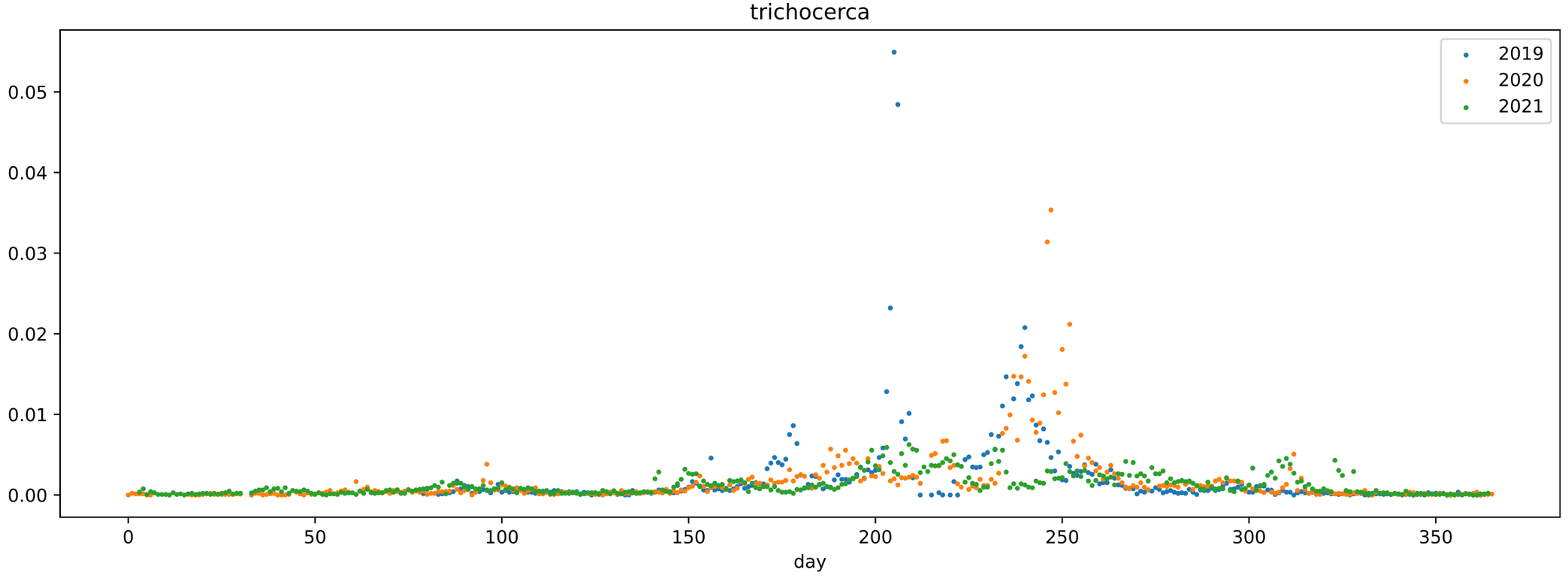
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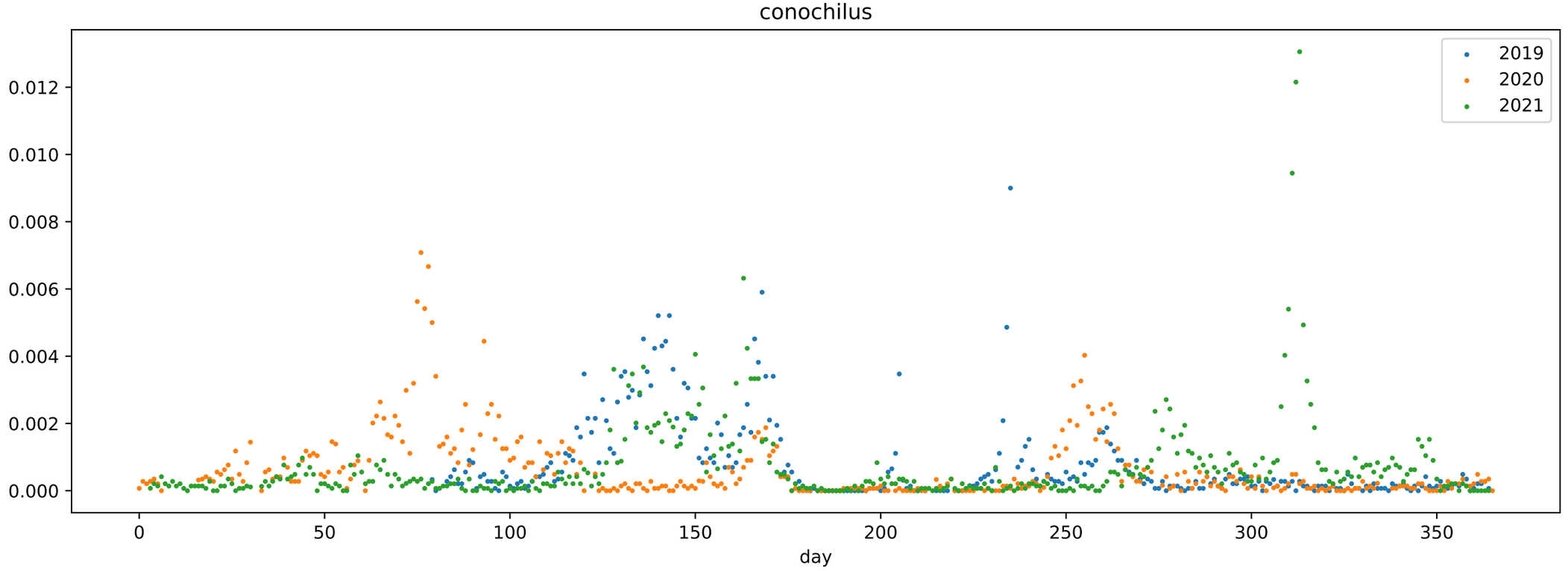
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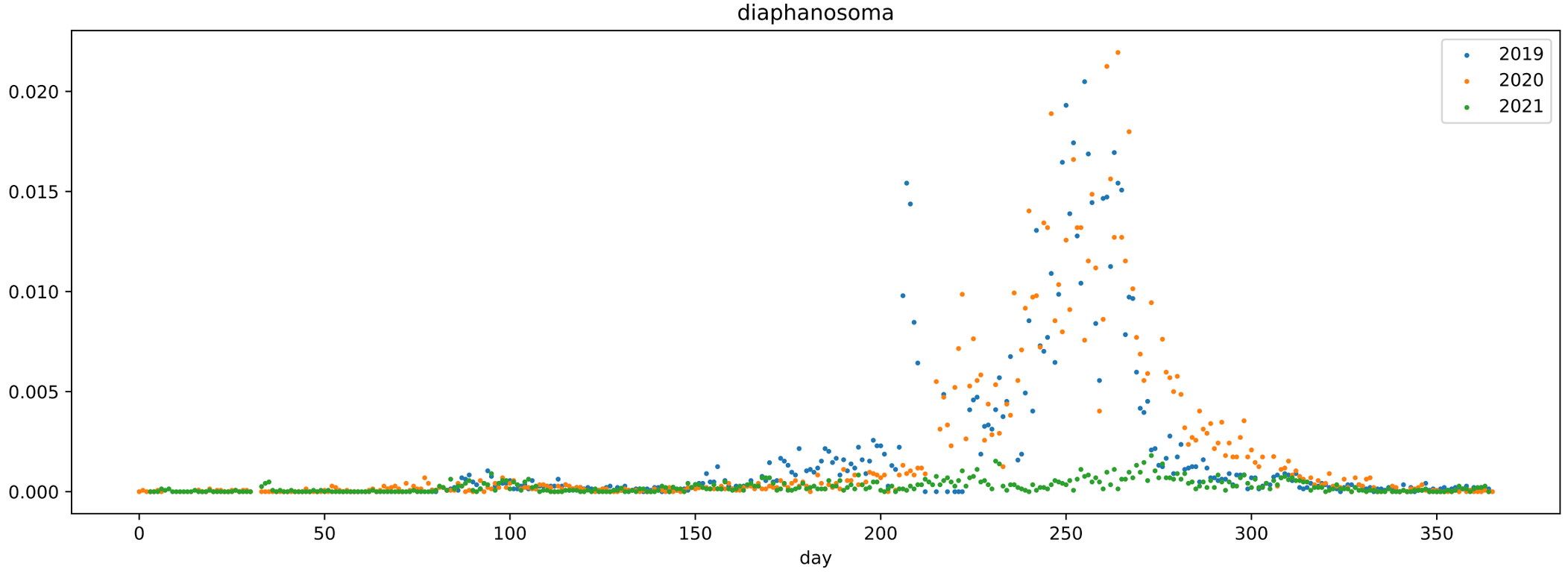
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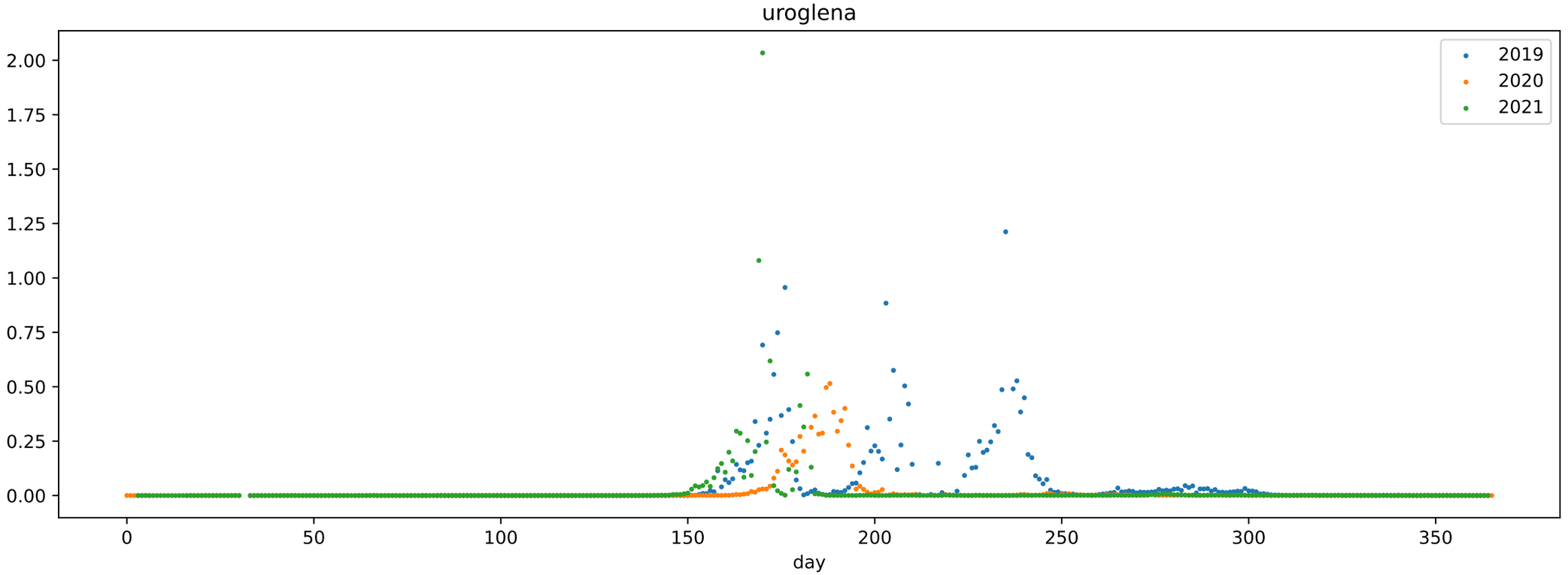
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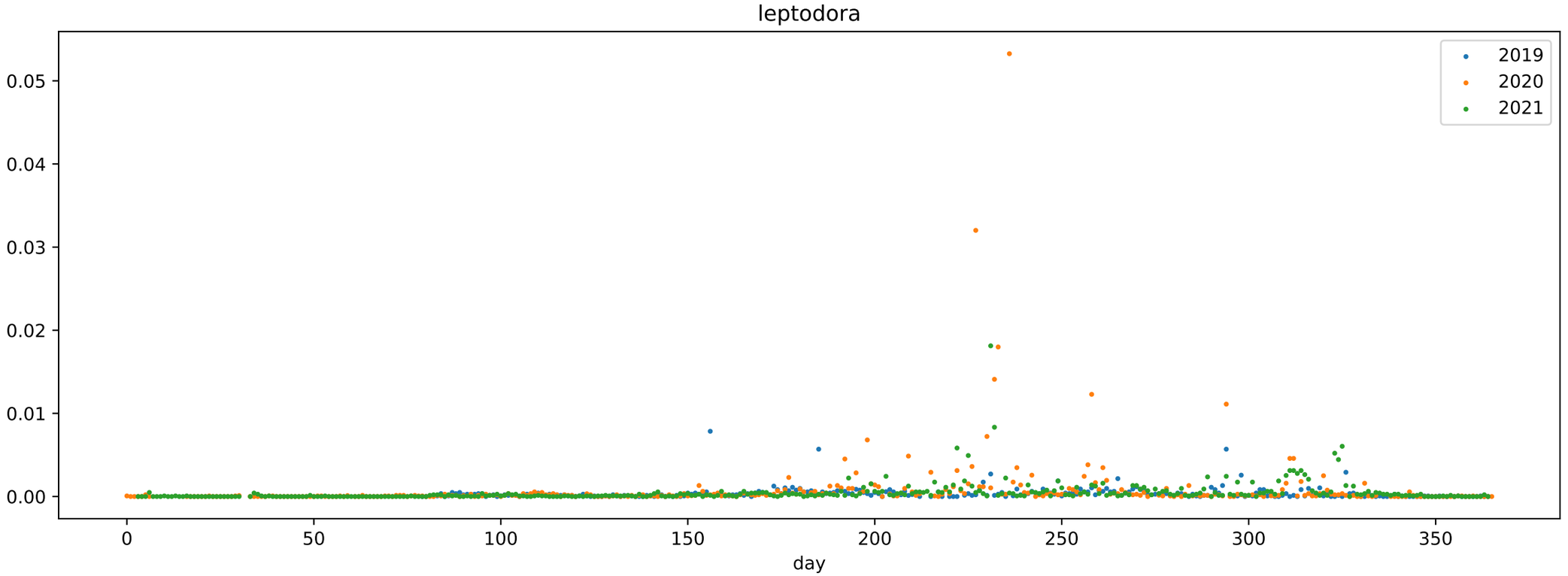
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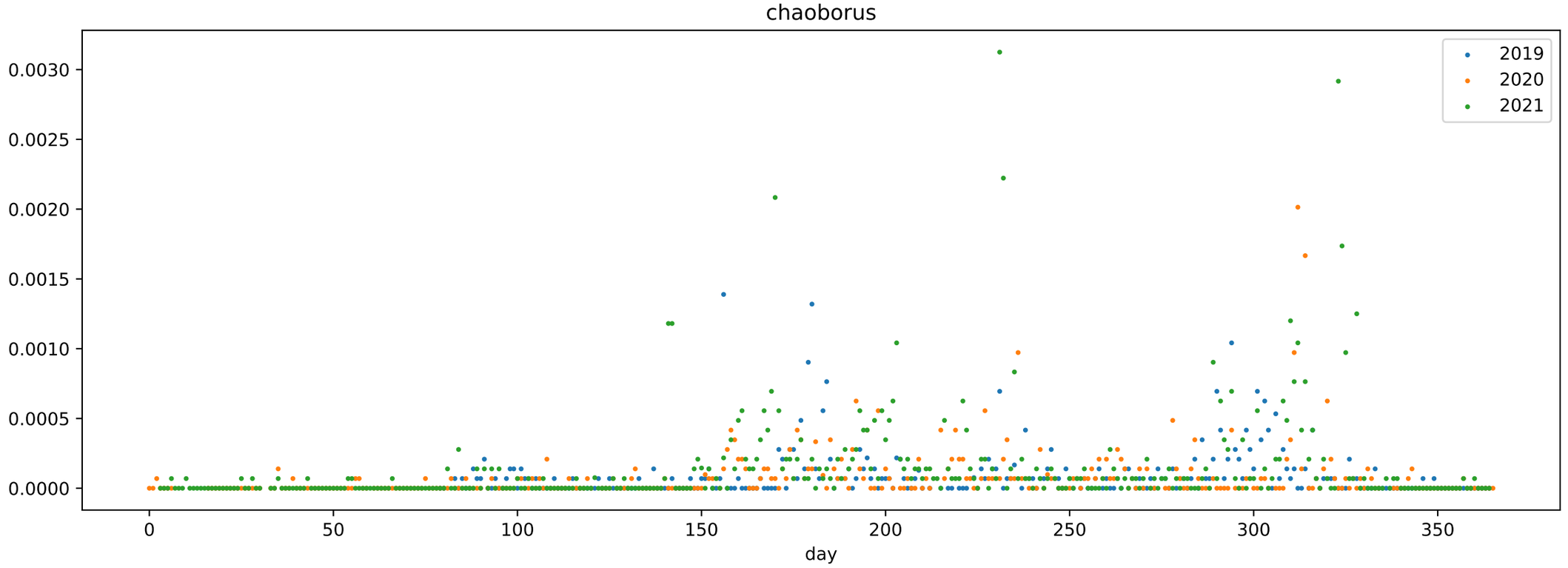
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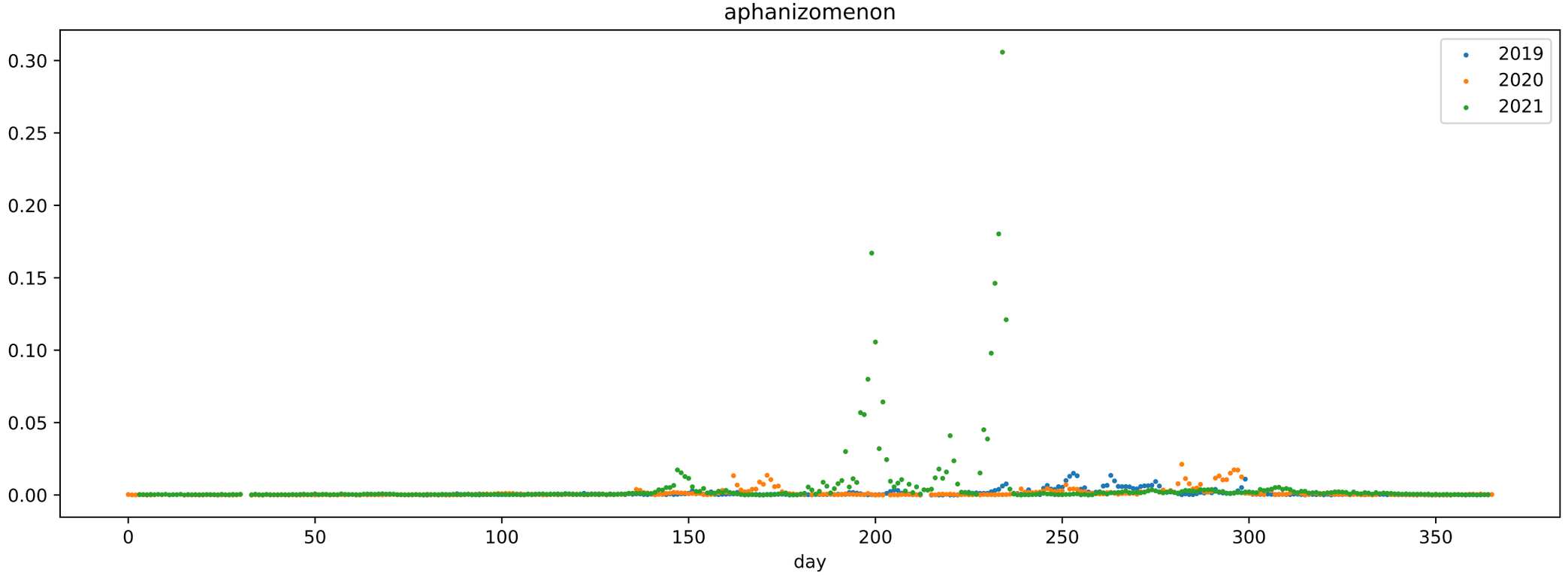
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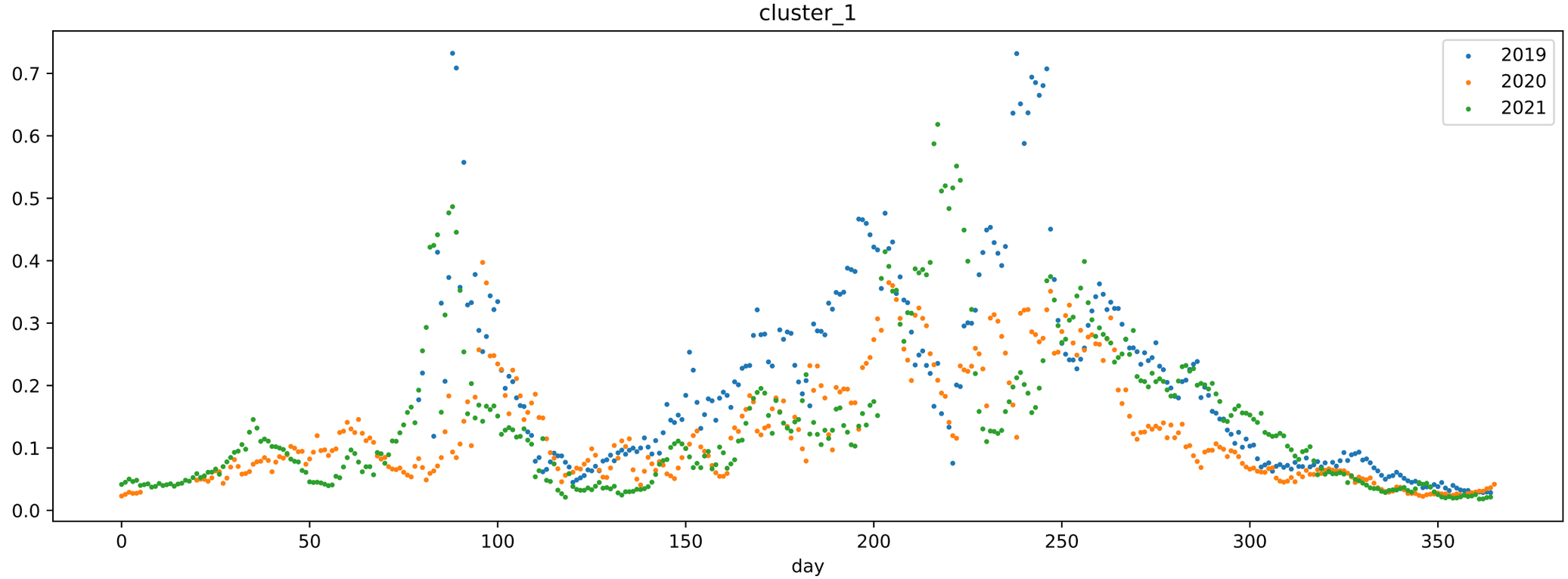
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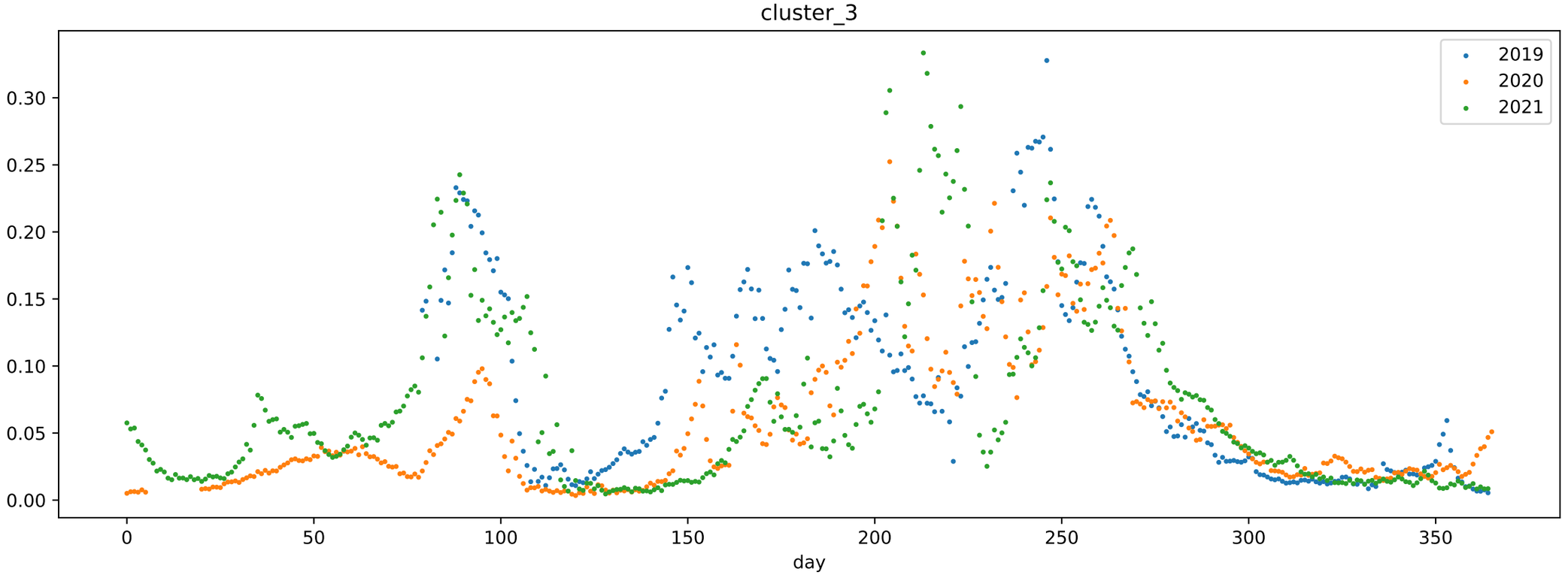
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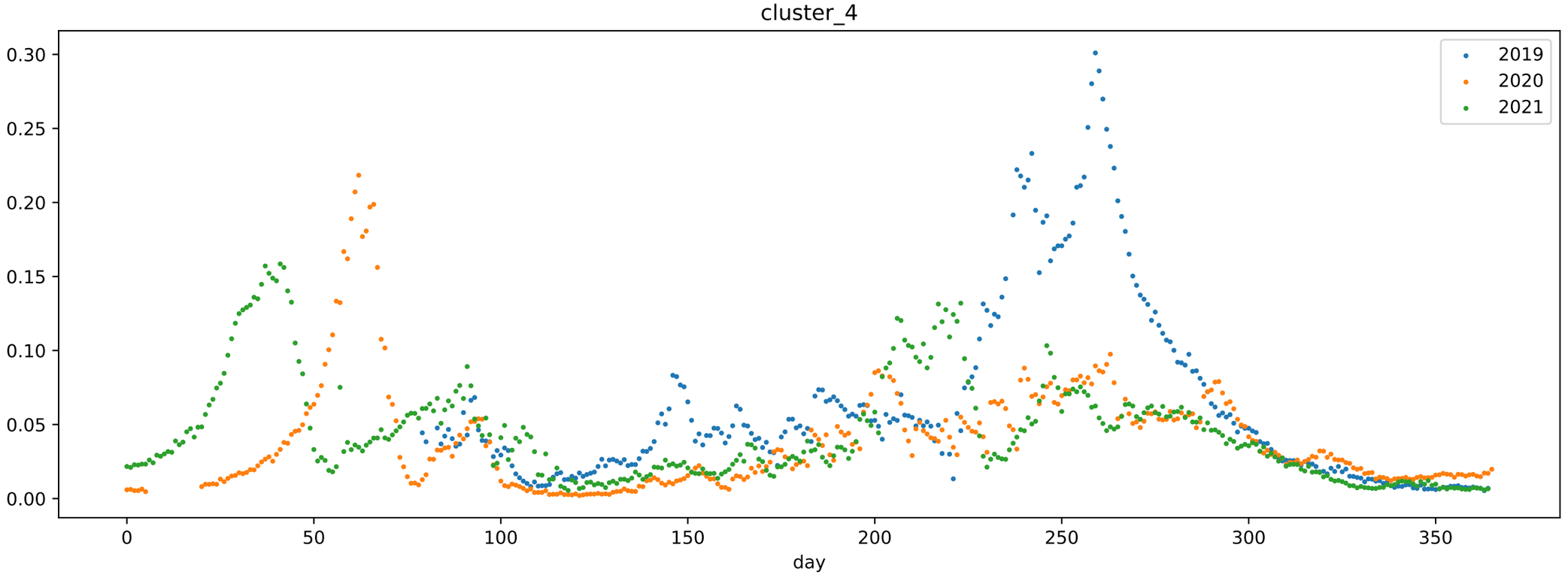
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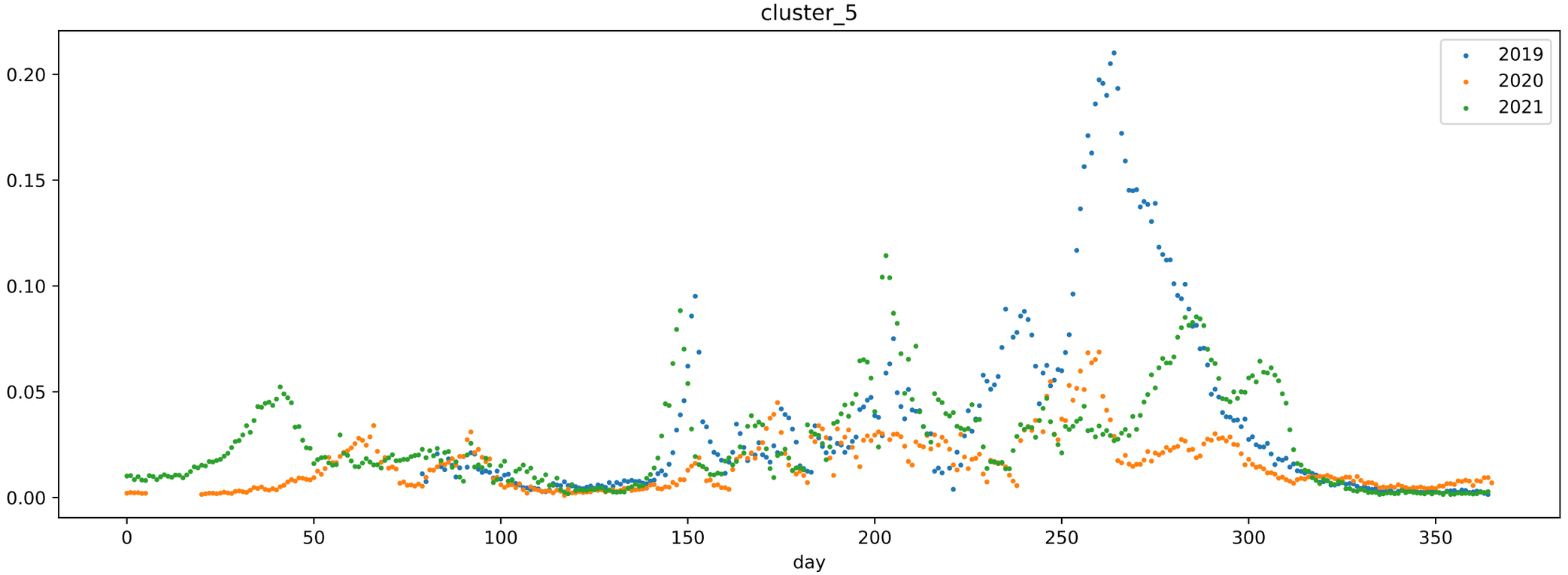
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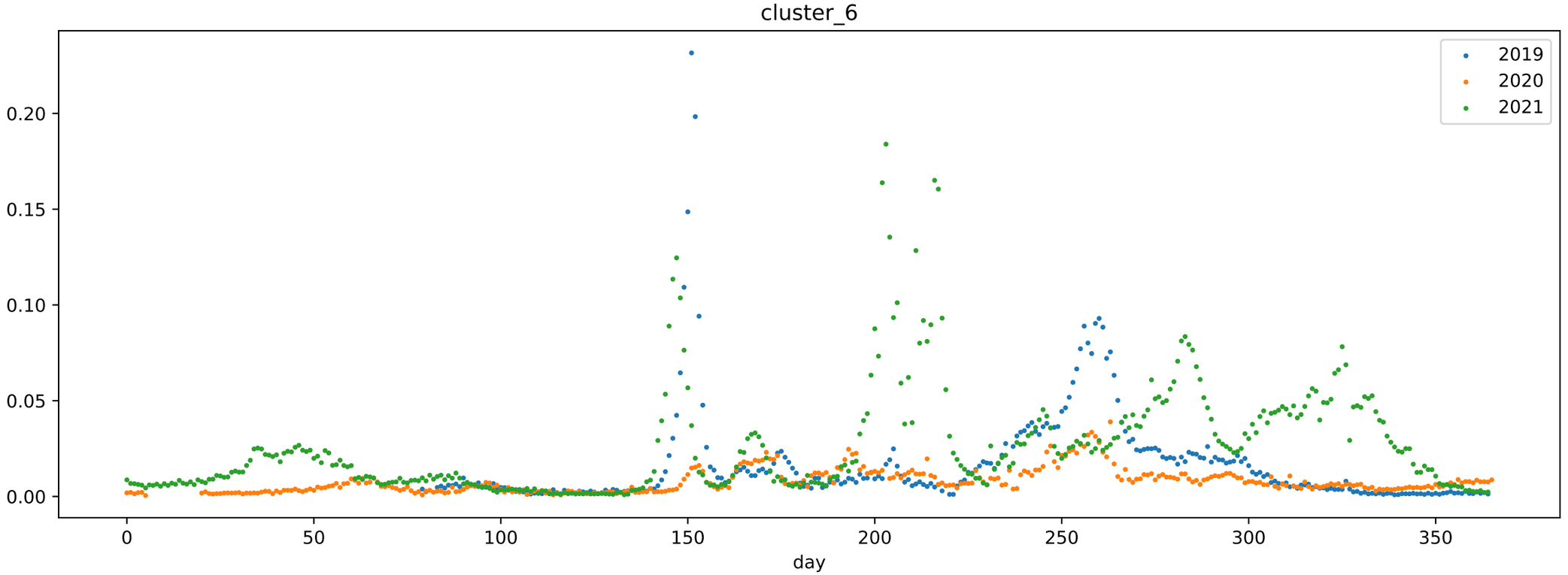
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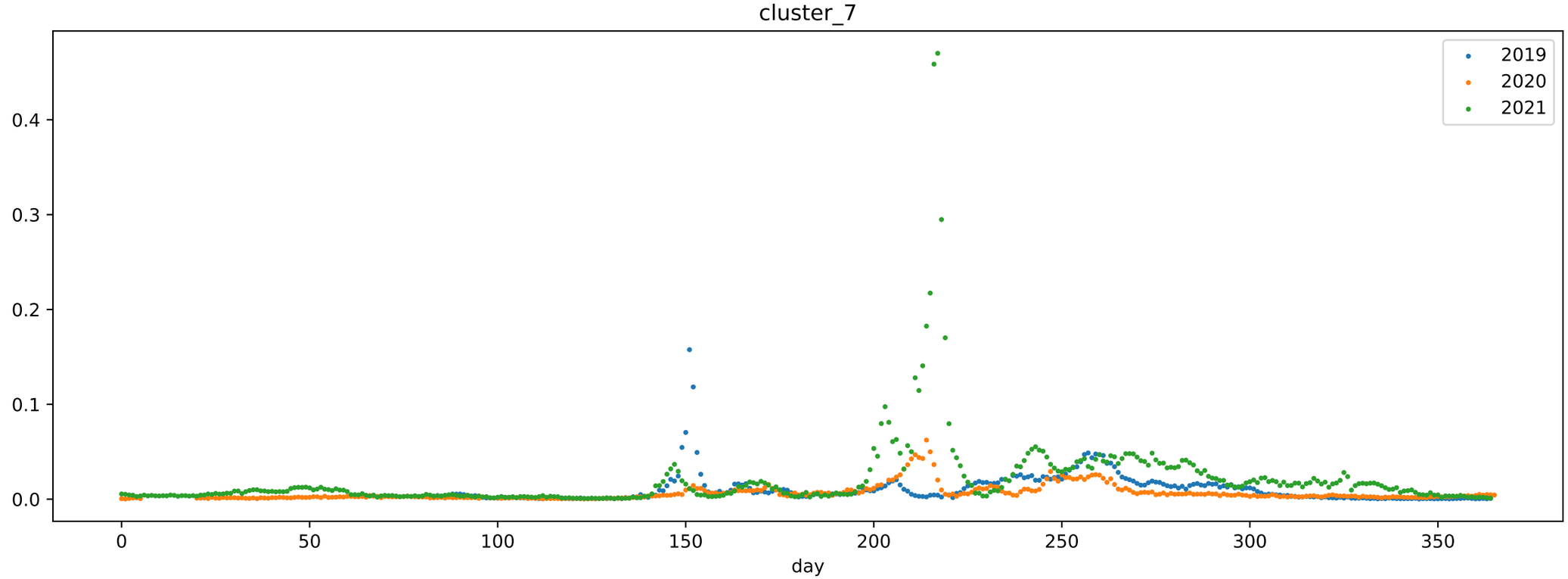
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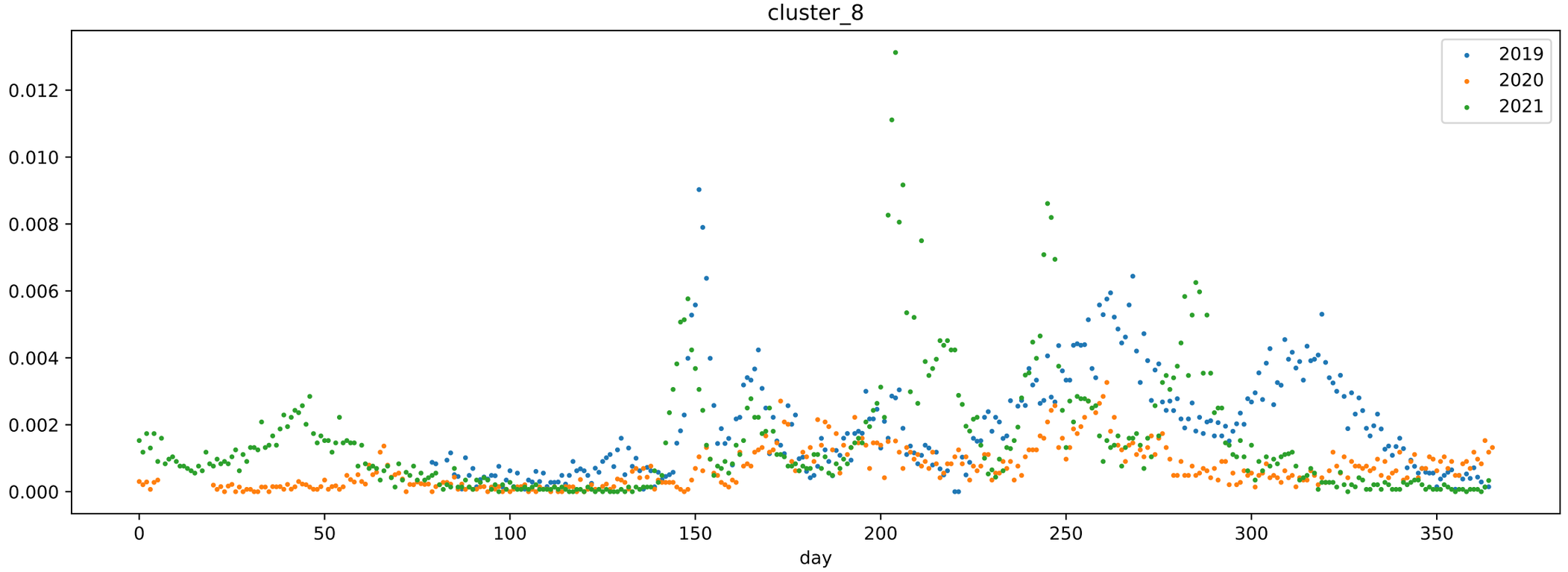
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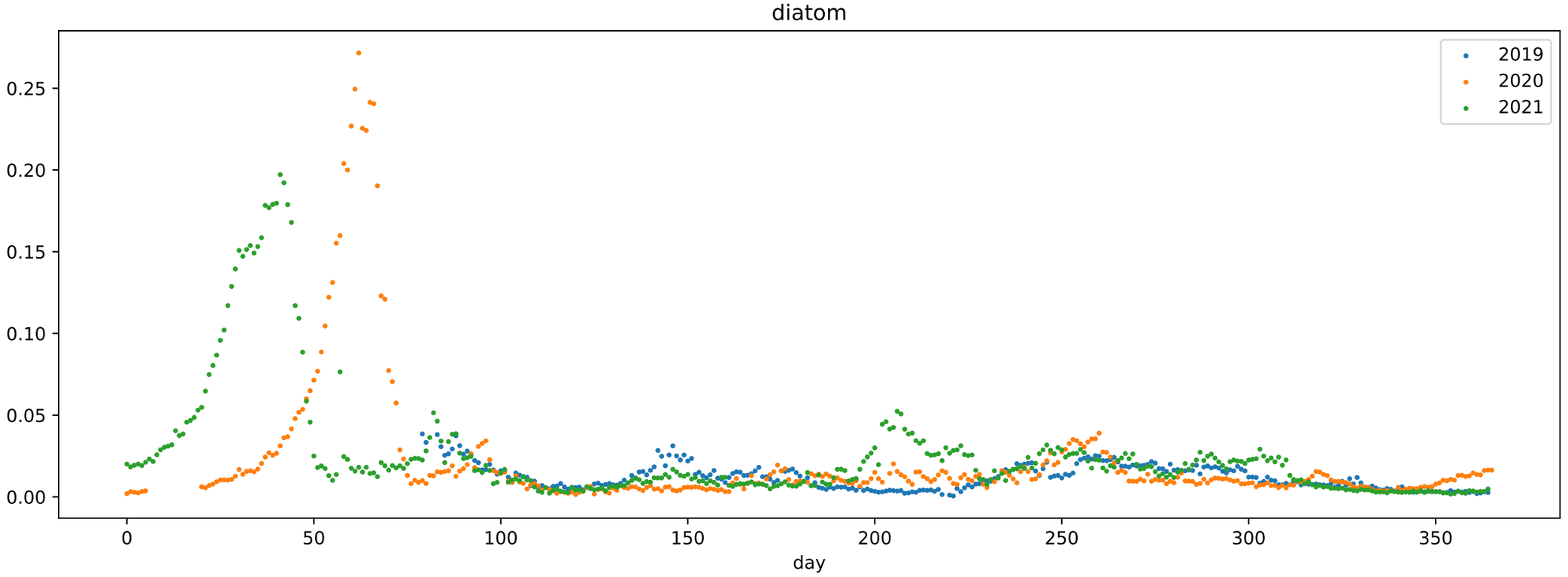
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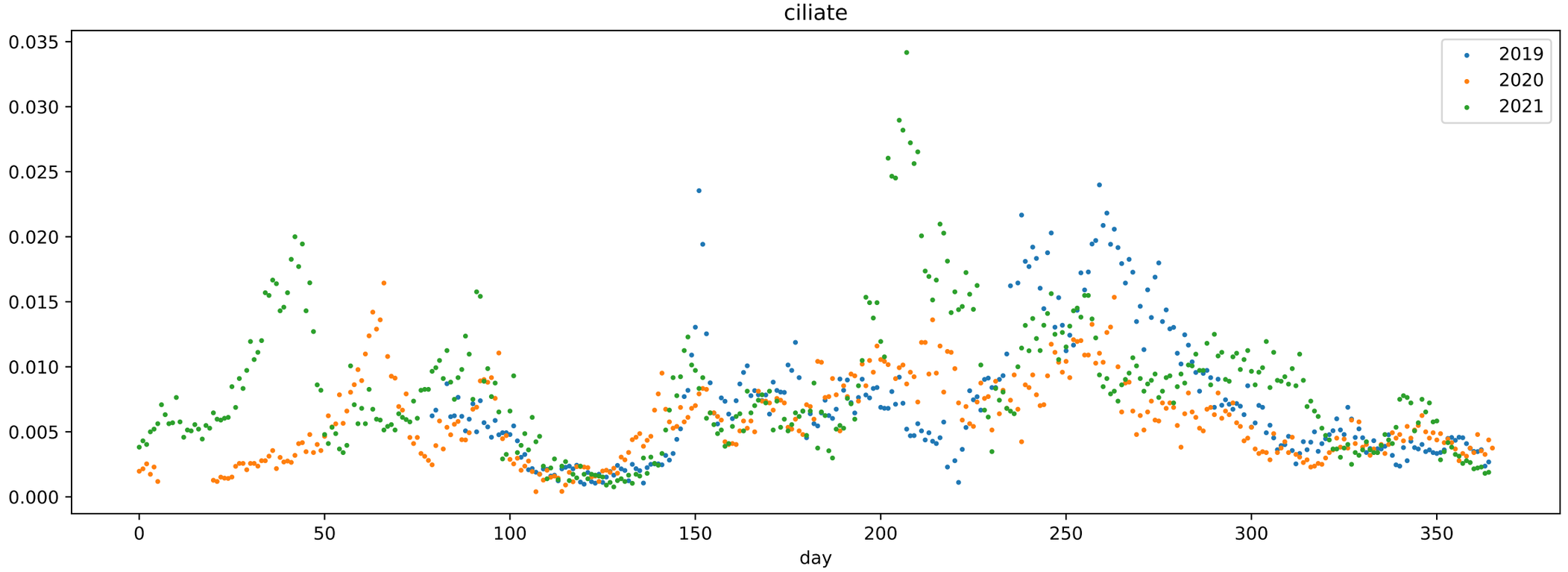
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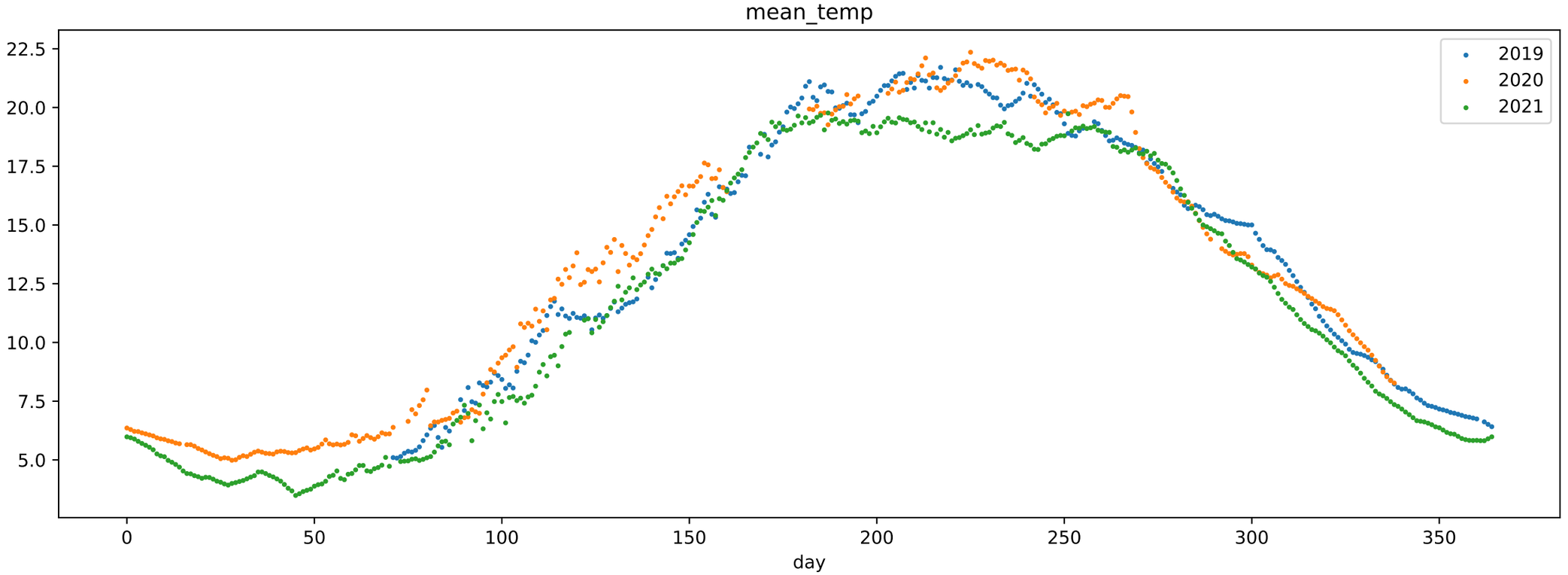
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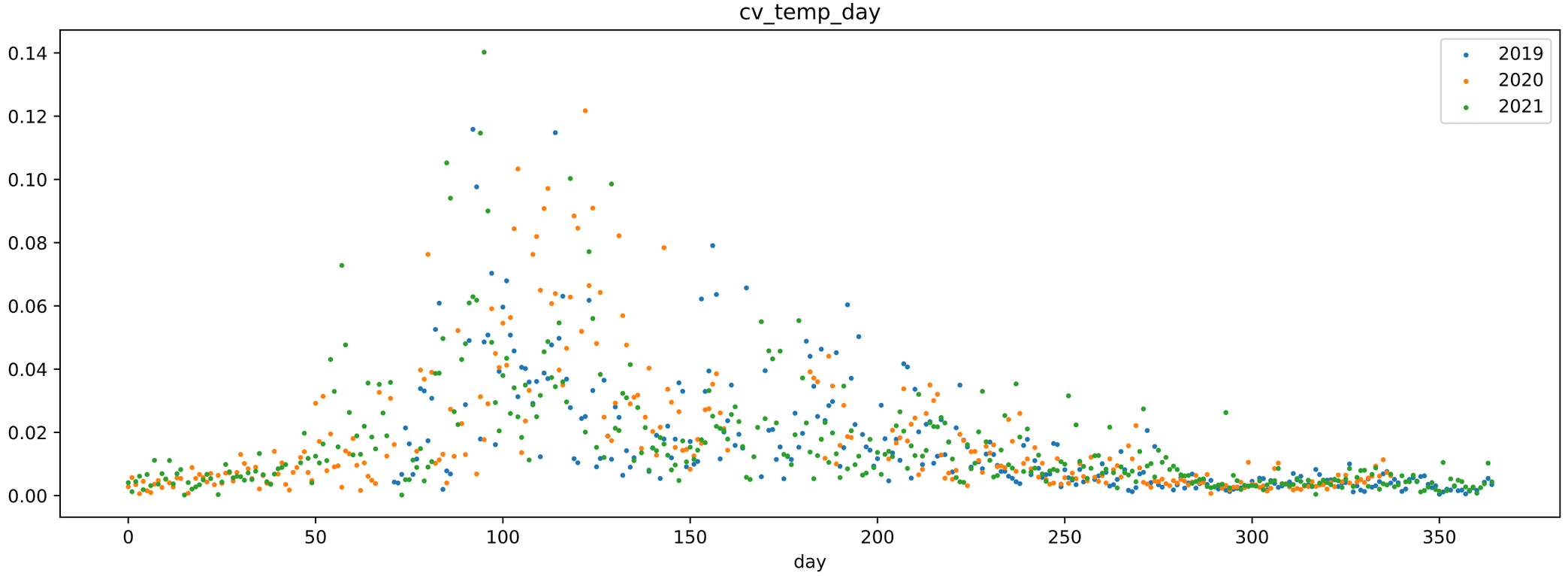
day


cv_temp_day
2019
2020
2021
0.14
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0.06
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0.02
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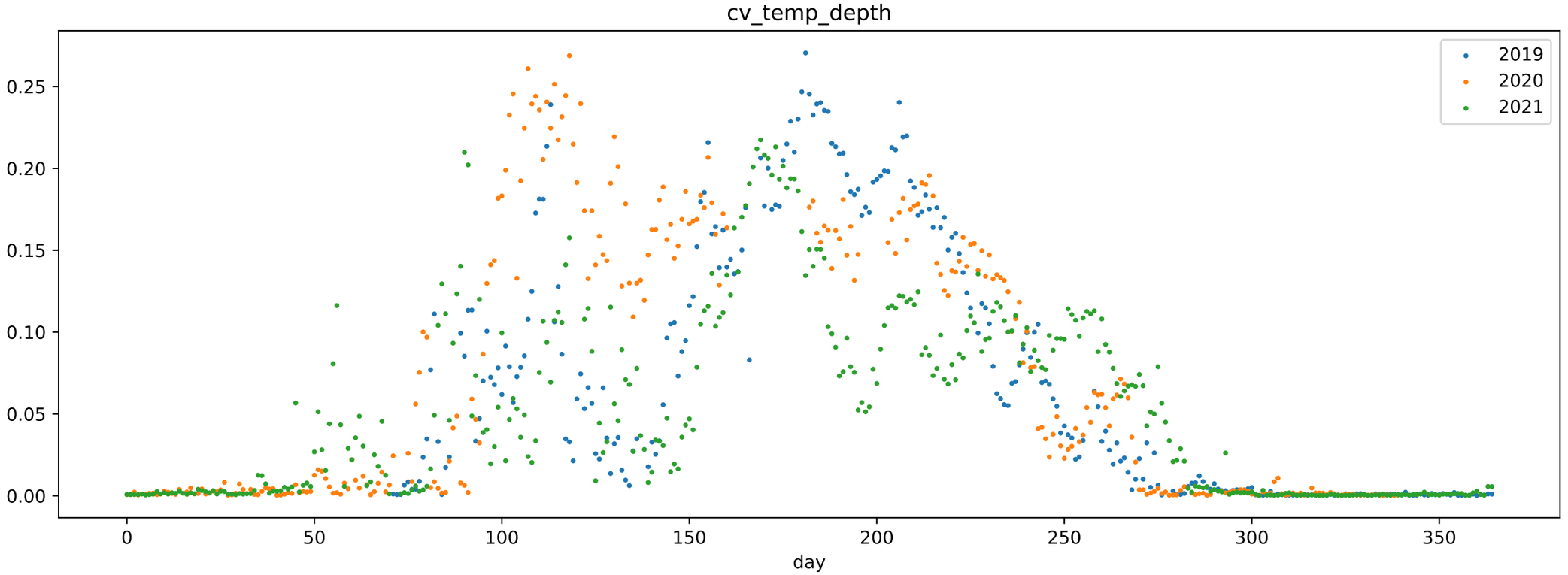
day


cv_temp_depth
2019
2020
2021
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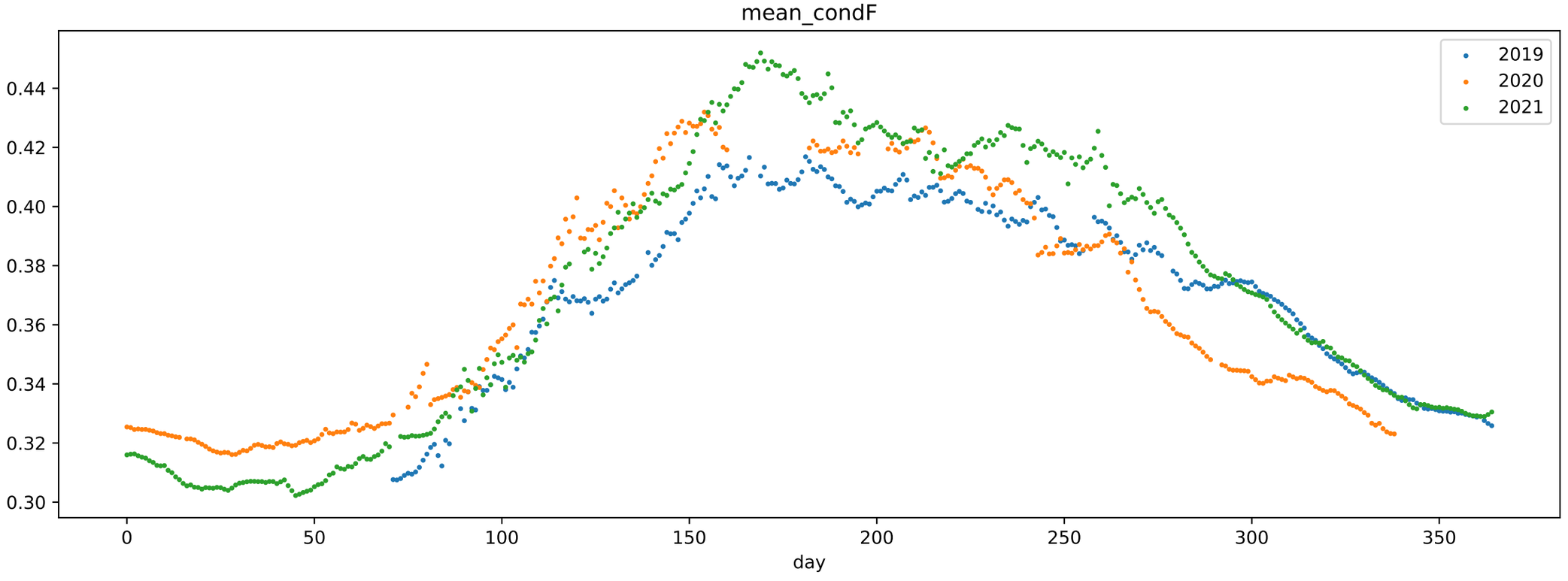
mean_condF
2019
2020
2021
0.44
0.42
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0.36
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0.32
0.30
0
50
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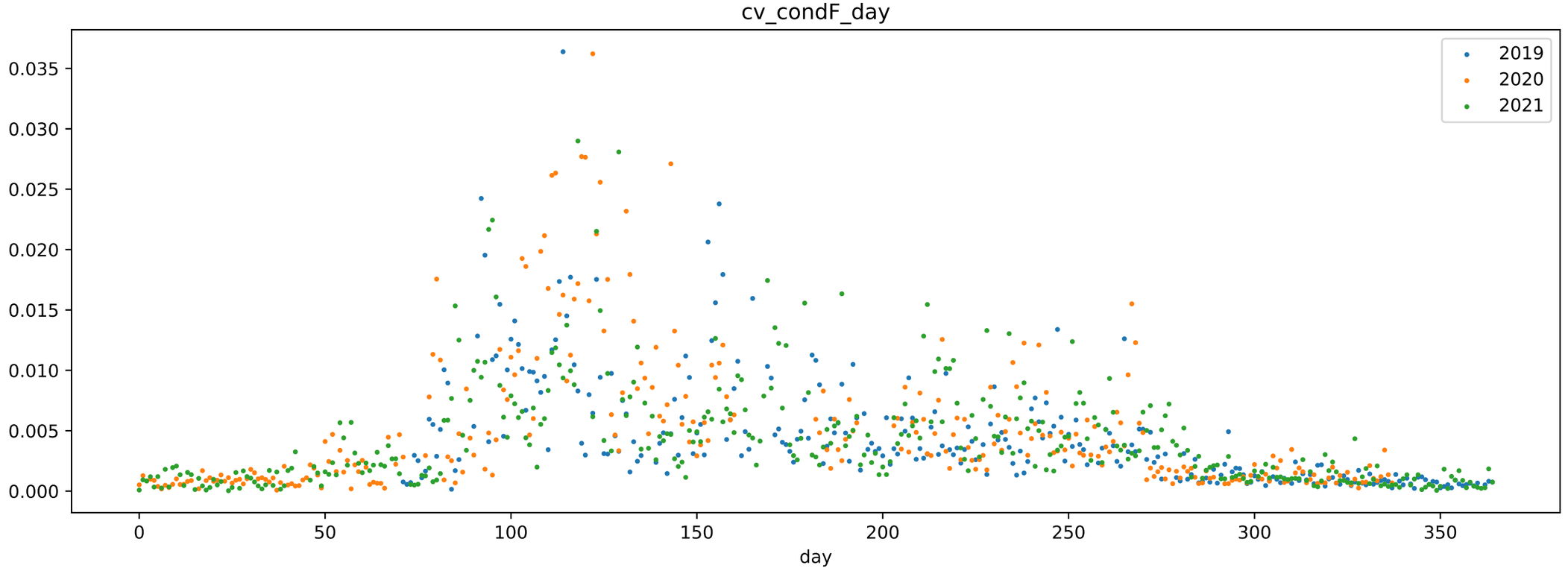
day


cv_condF_day
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2020
2021
0.035
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0.025
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0.005
0.000
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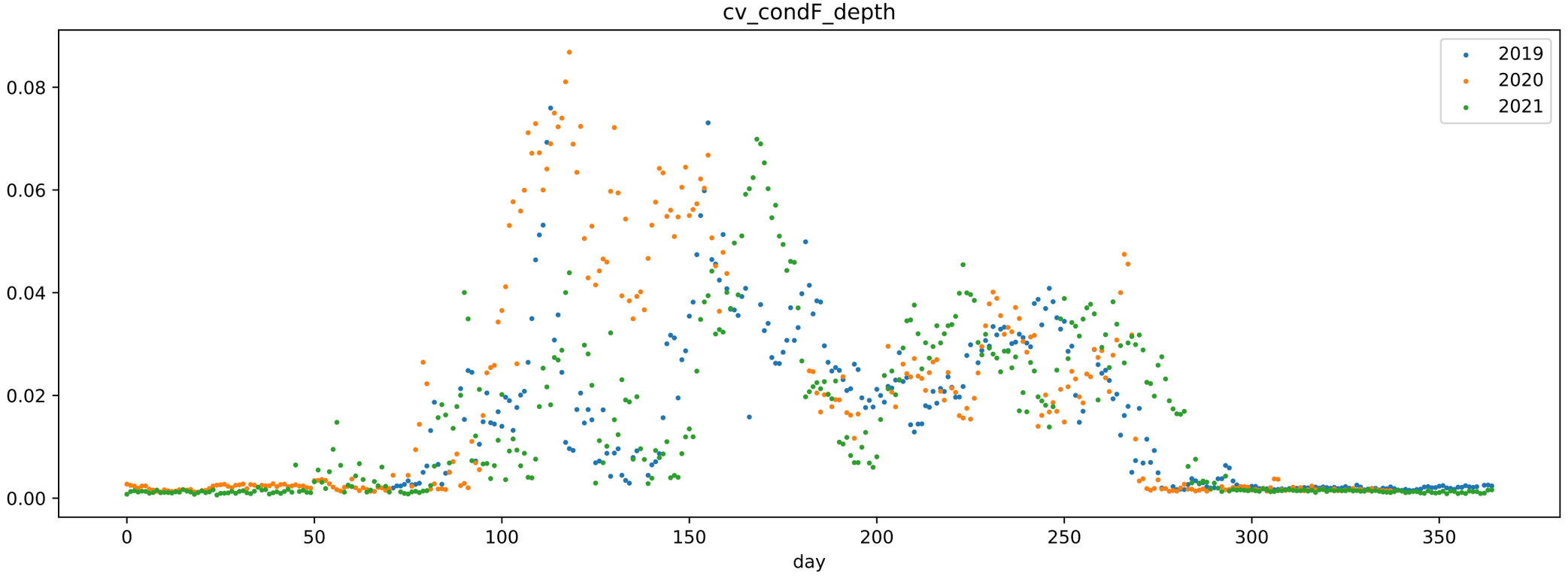
cv_condF_depth
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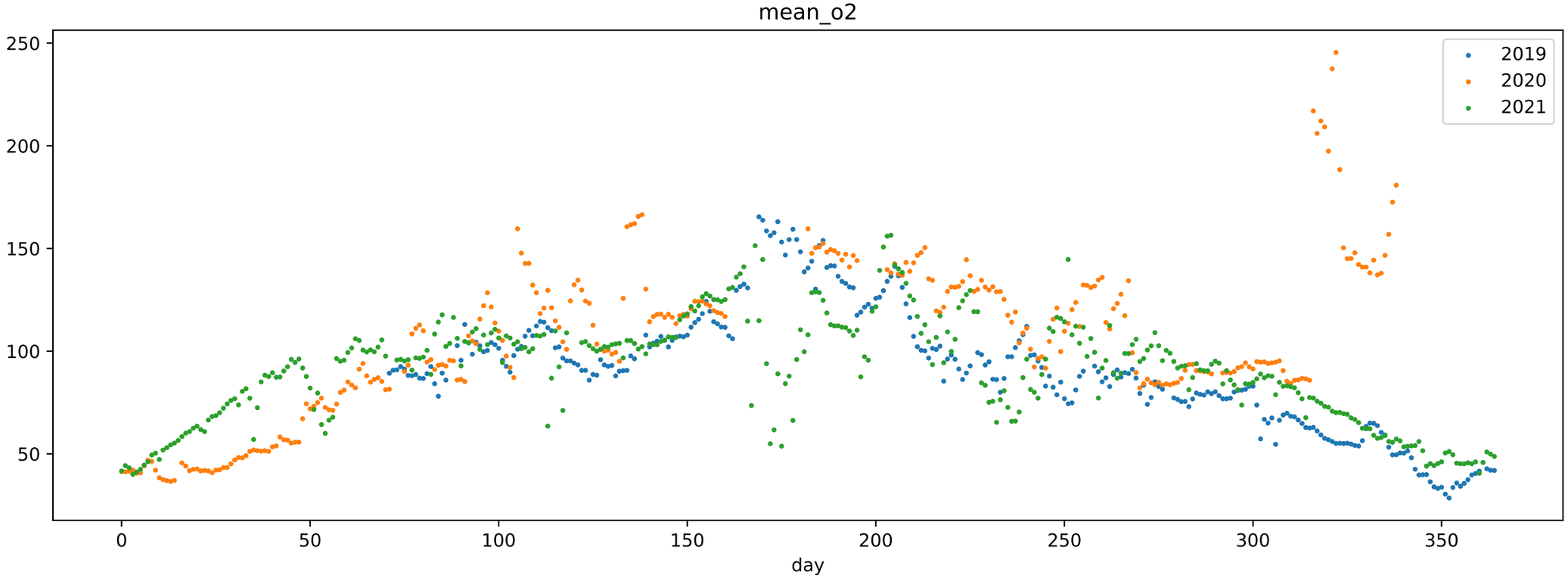
day


mean_o2
250
200
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0
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100
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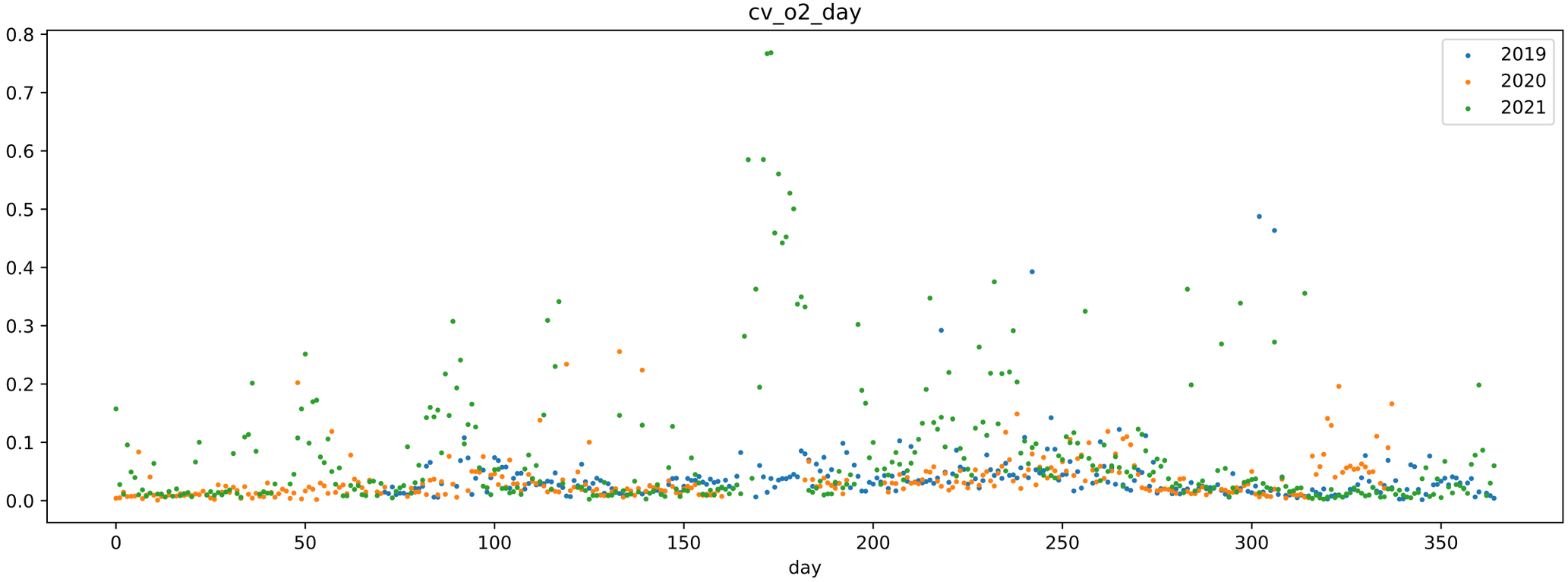
200
250
300
350
day
2019
2020
2021


cv_o2_day
2019
2020
2021
0.8
0.7
0.6
0.5
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0.3
0.2
0.1
0.0
0
50
100
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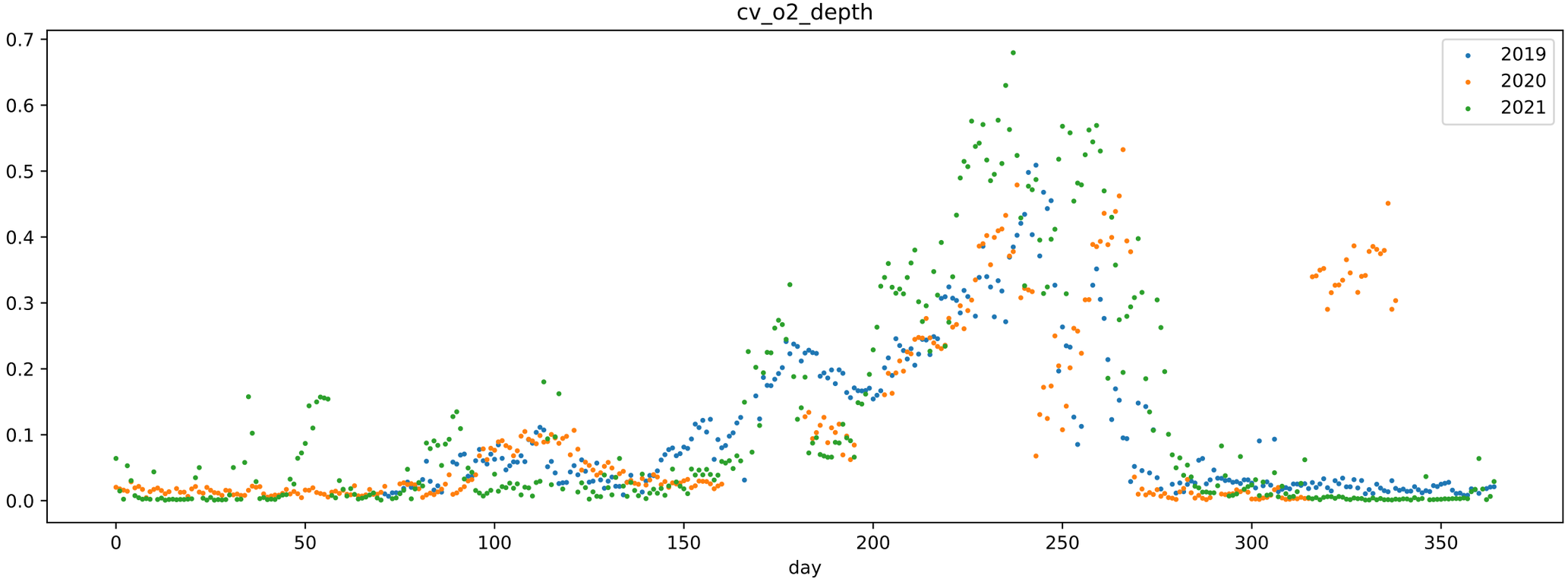
200
250
300
350
day


cv_o2_depth
2019
2020
2021
0.7
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0.5
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0.3
0.2
0.1
0.0
0
50
100
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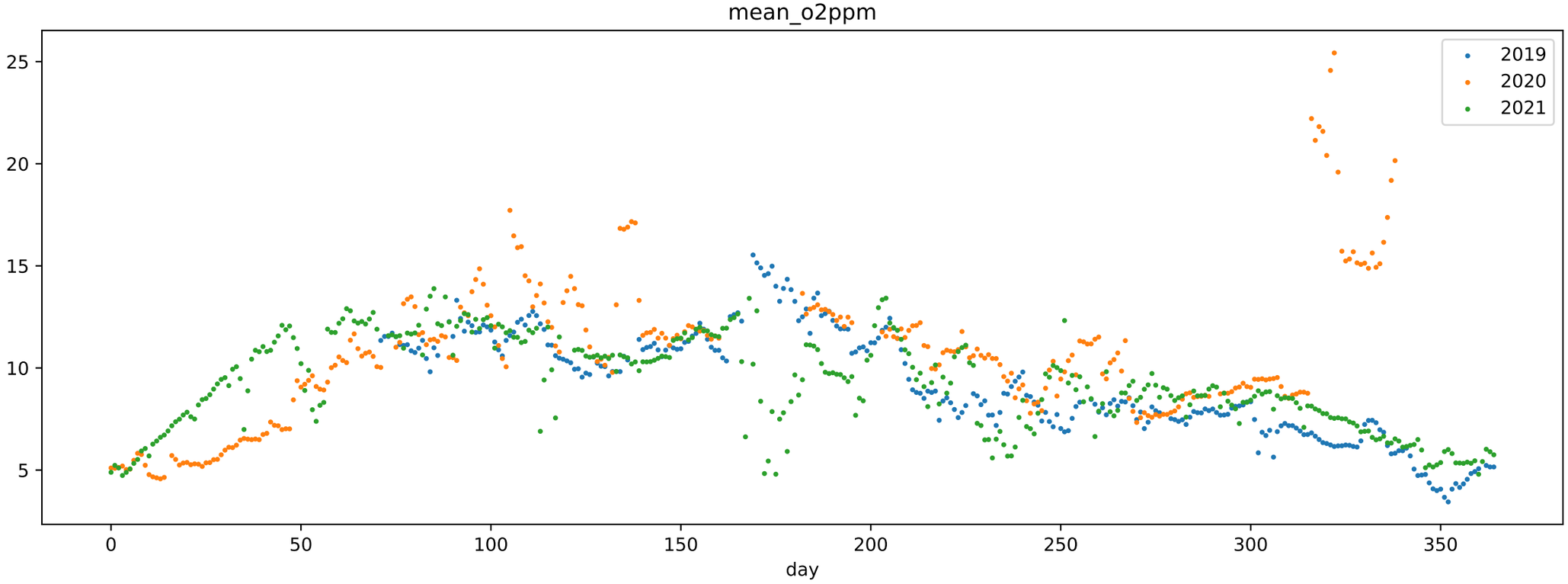
200
250
300
350
day


mean_o2ppm
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2020
2021
25
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15
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5
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100
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300
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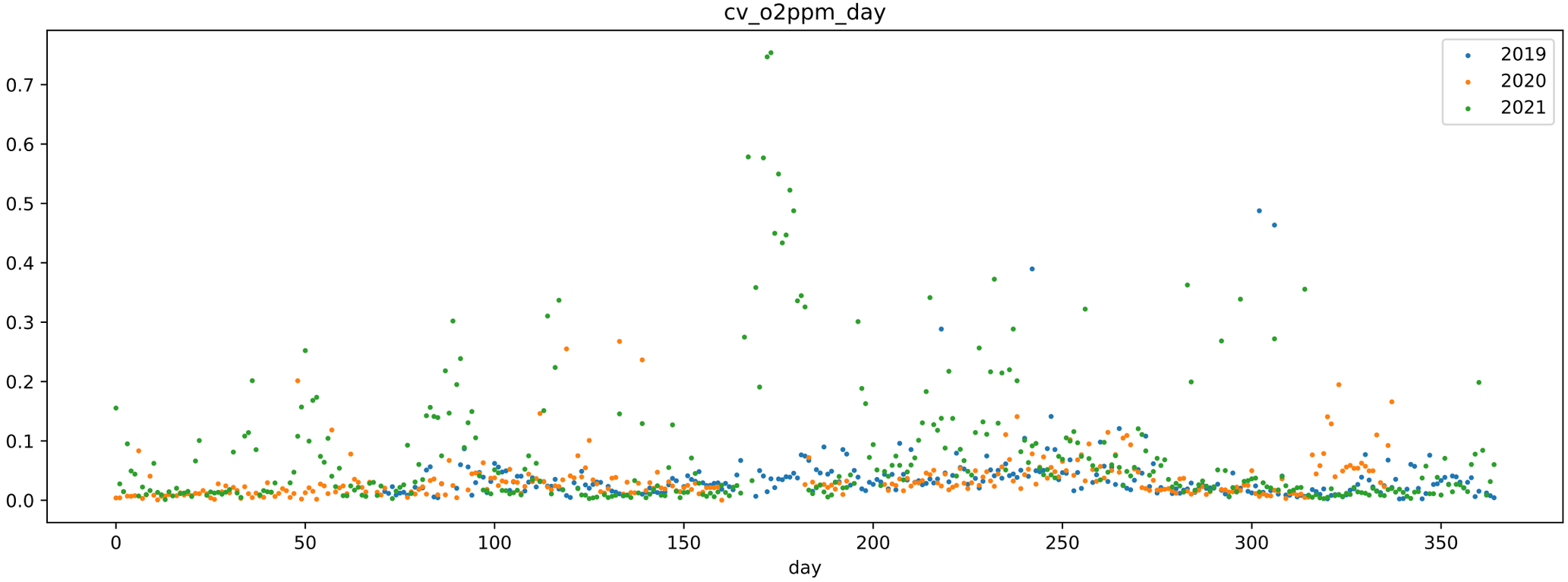
day


cv_o2ppm_day
2019
2020
2021
0.7
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0.3
0.2
0.1
0.0
0
50
100
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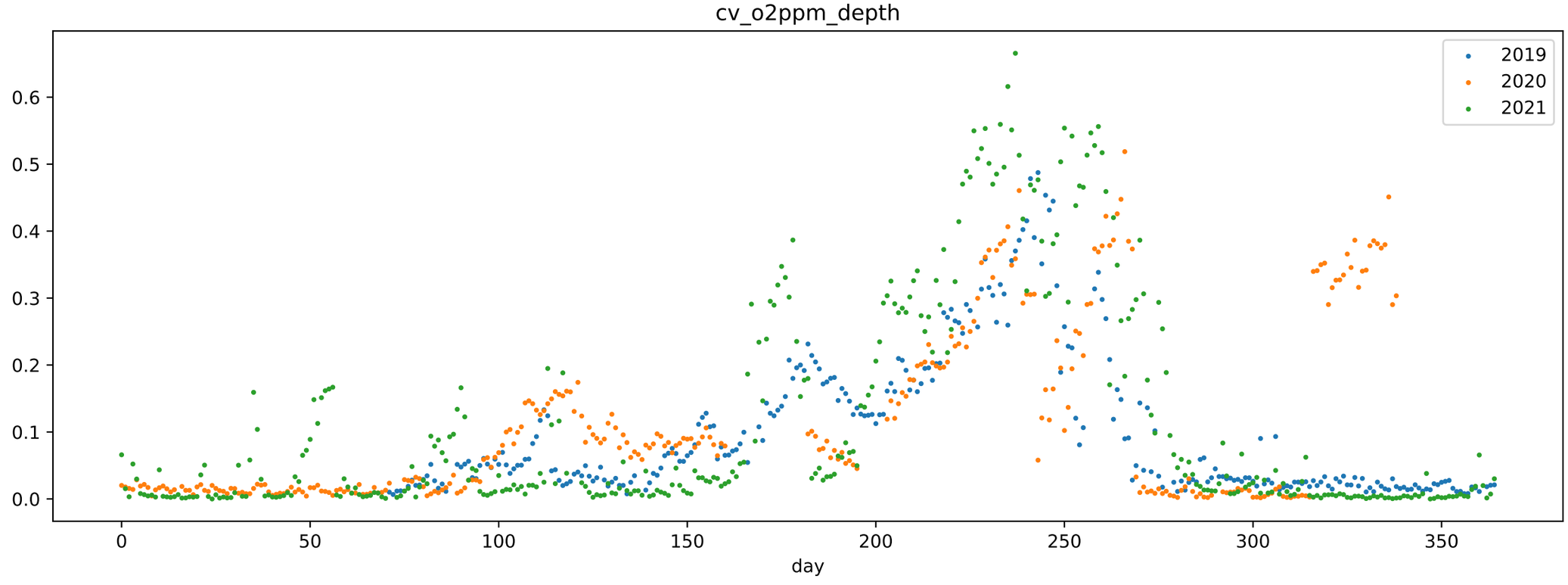
250
300
350
day


cv_o2ppm_depth
2019
2020
2021
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0.1
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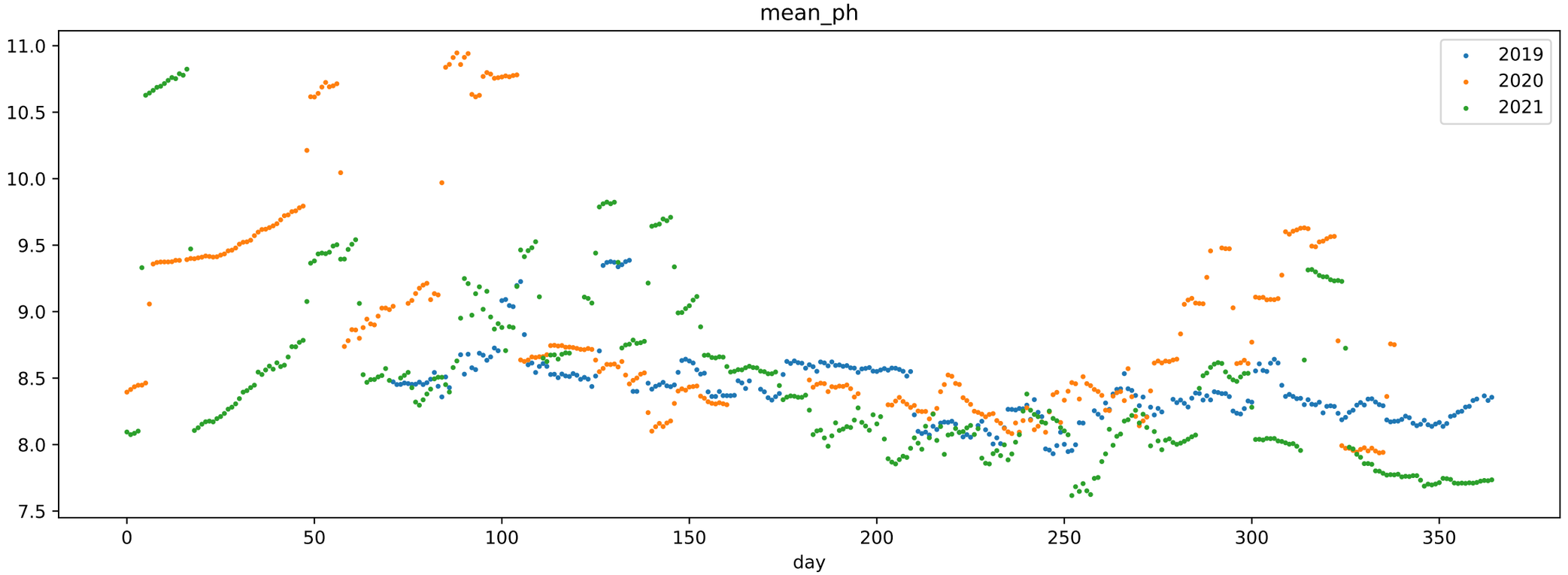
0.3
0.4
0.5
0.6
0
50
100
150
200
250
300
350
day


mean_ph
11.0
10.5
10.0
9.5
9.0
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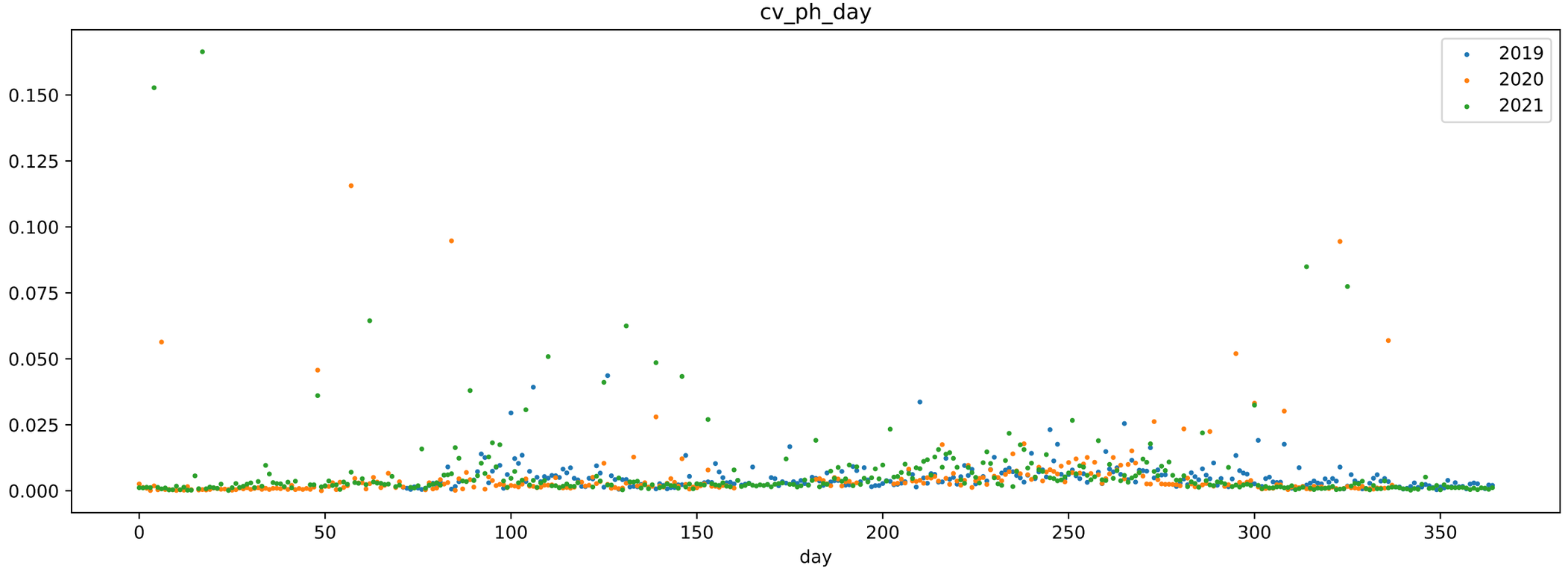
8.0
7.5
0
50
100
150
200
250
300
350
day
2019
2020
2021


cv_ph_day
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2020
2021
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0.075
0.050
0.025
0.000
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50
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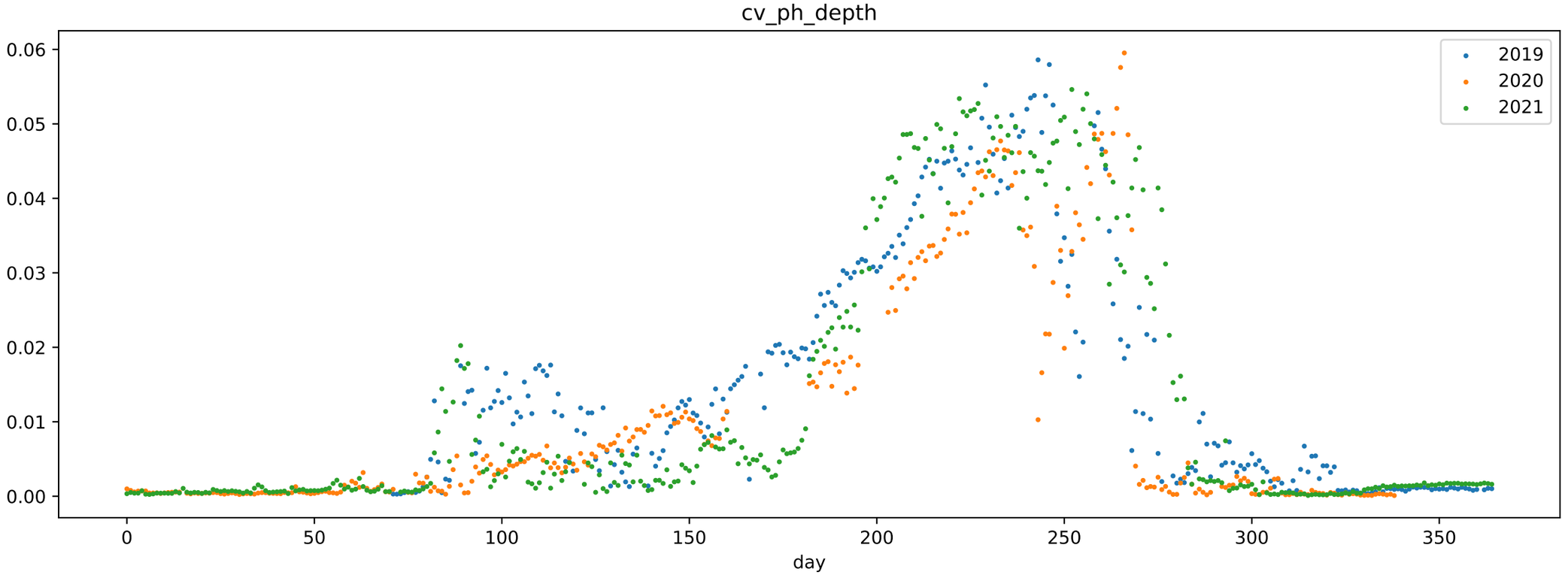
250
300
350
day


cv_ph_depth
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2020
2021
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0.04
0.03
0.02
0.01
0.00
0
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100
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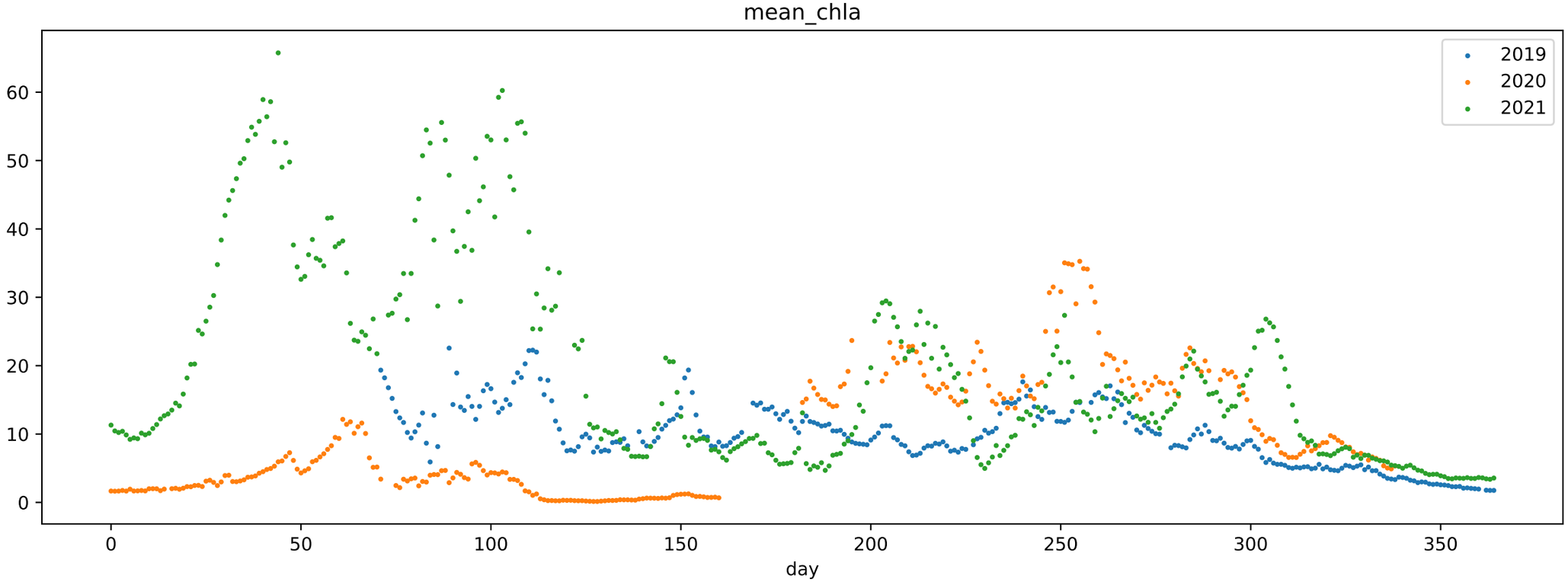
250
300
350
day


mean_chla
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2020
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40
30
20
10
0
0
50
100
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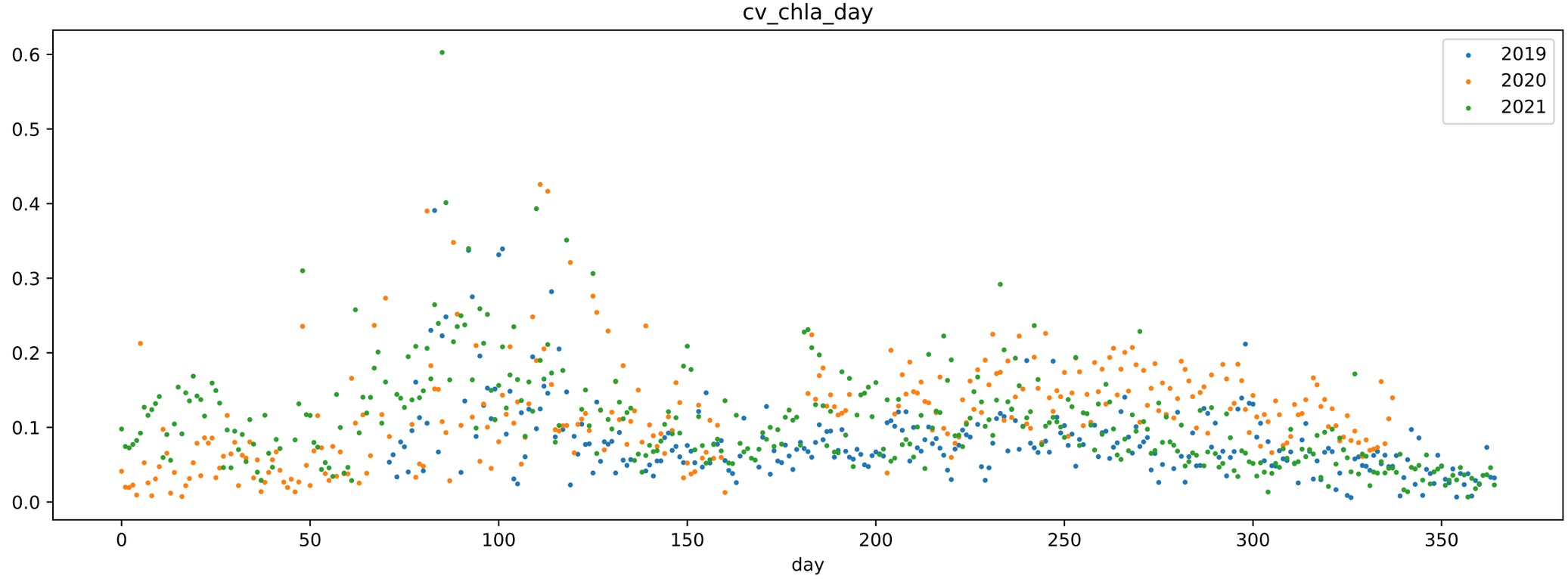
250
300
350
day


cv_chla_day
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2020
2021
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0.3
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0.0
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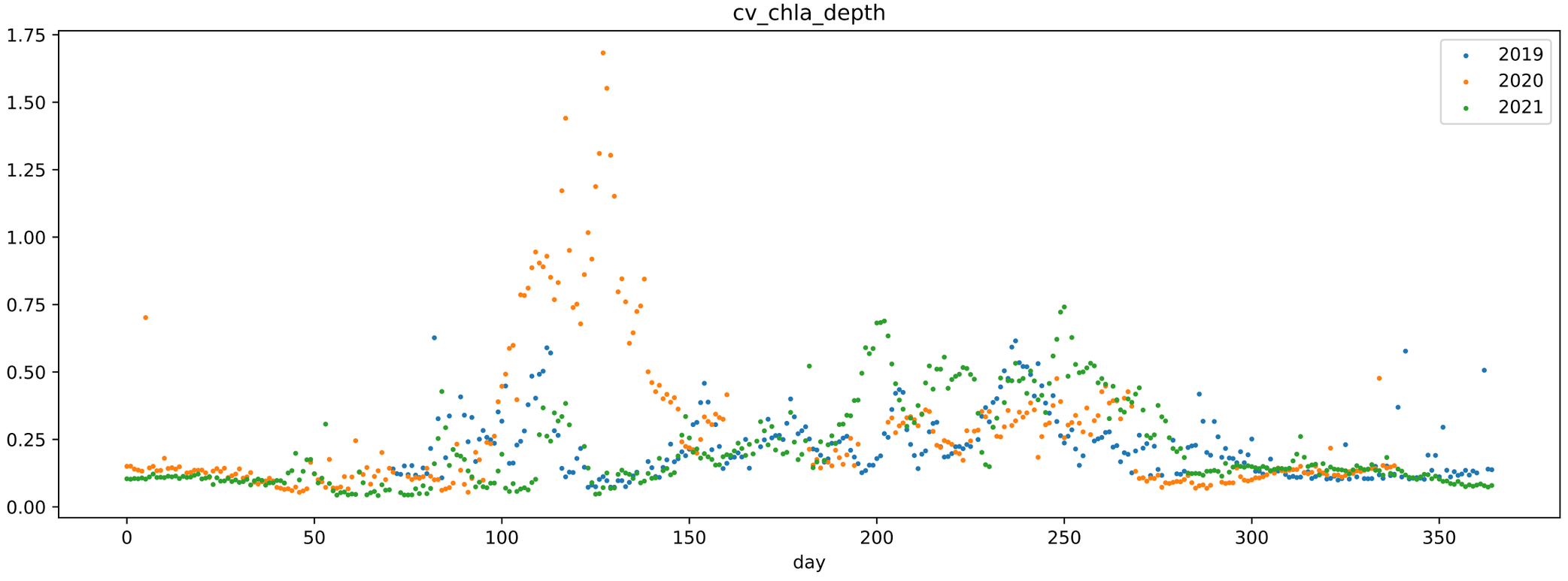
250
300
350
day


cv_chla_depth
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day
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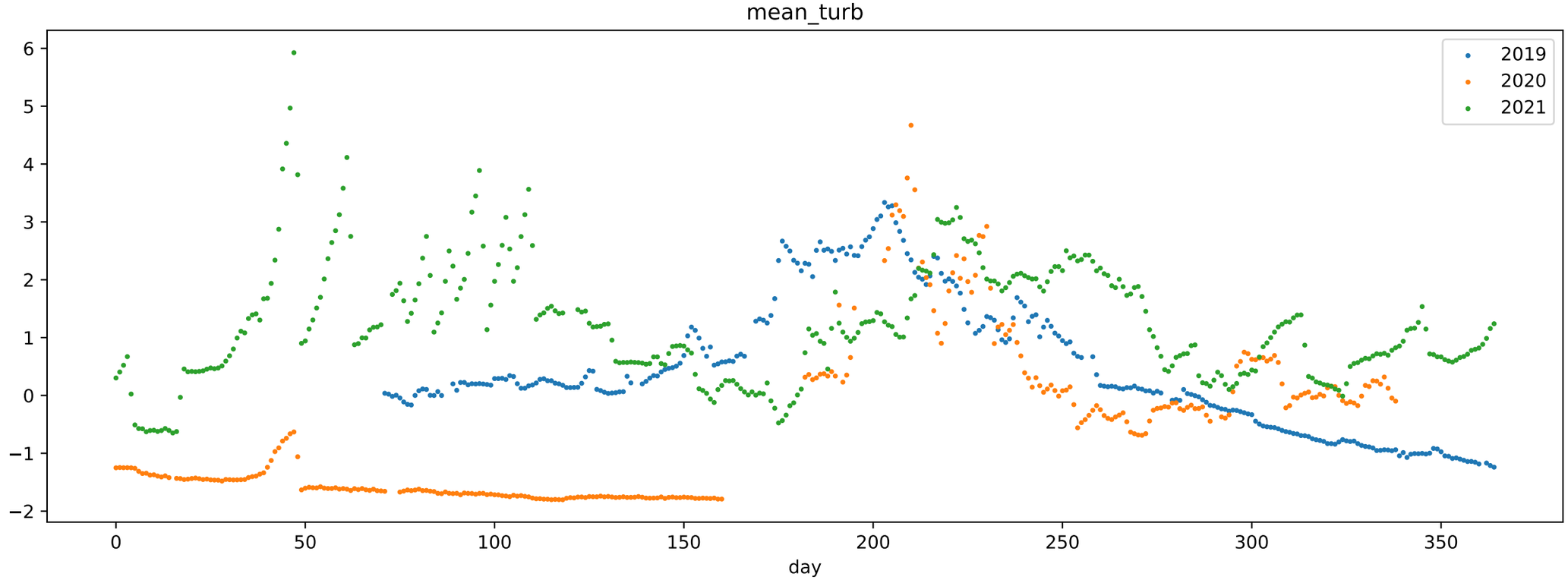
2020
2021


mean_turb
2019
2020
2021
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4
3
2
1
0
−1
−2
0
50
100
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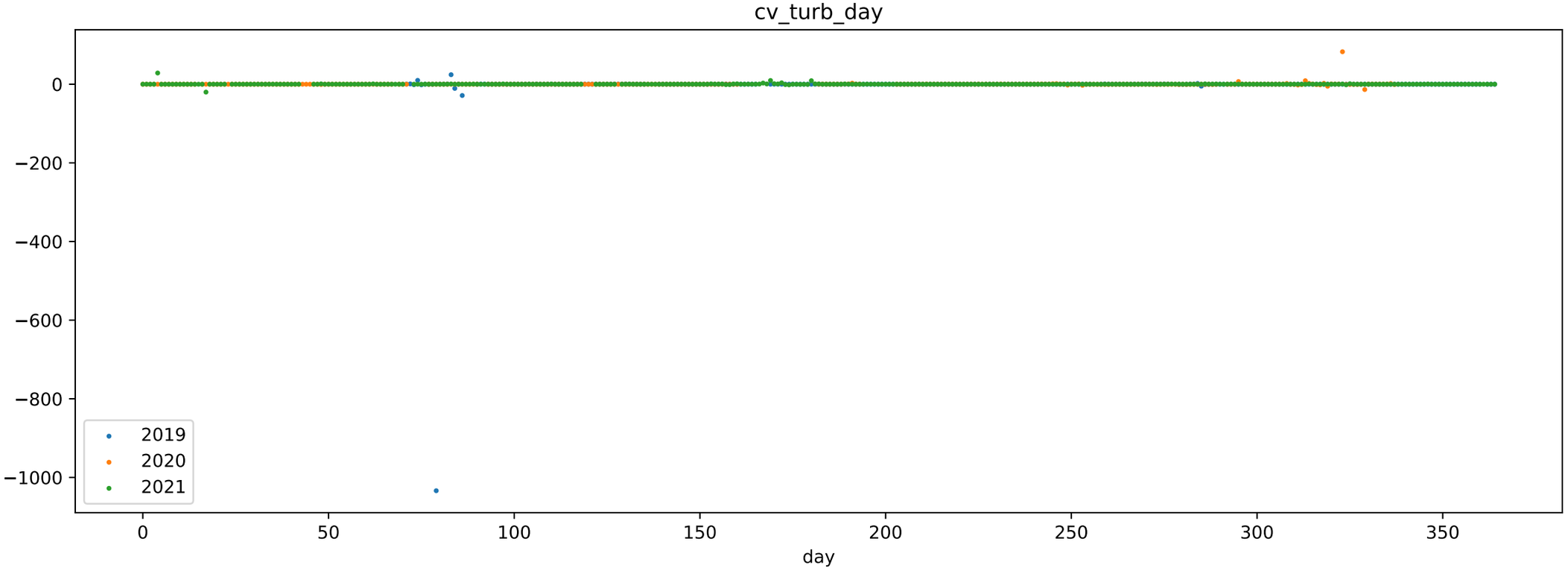
200
250
300
350
day


cv_turb_day
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−600
−800
−1000
2019
2020
2021
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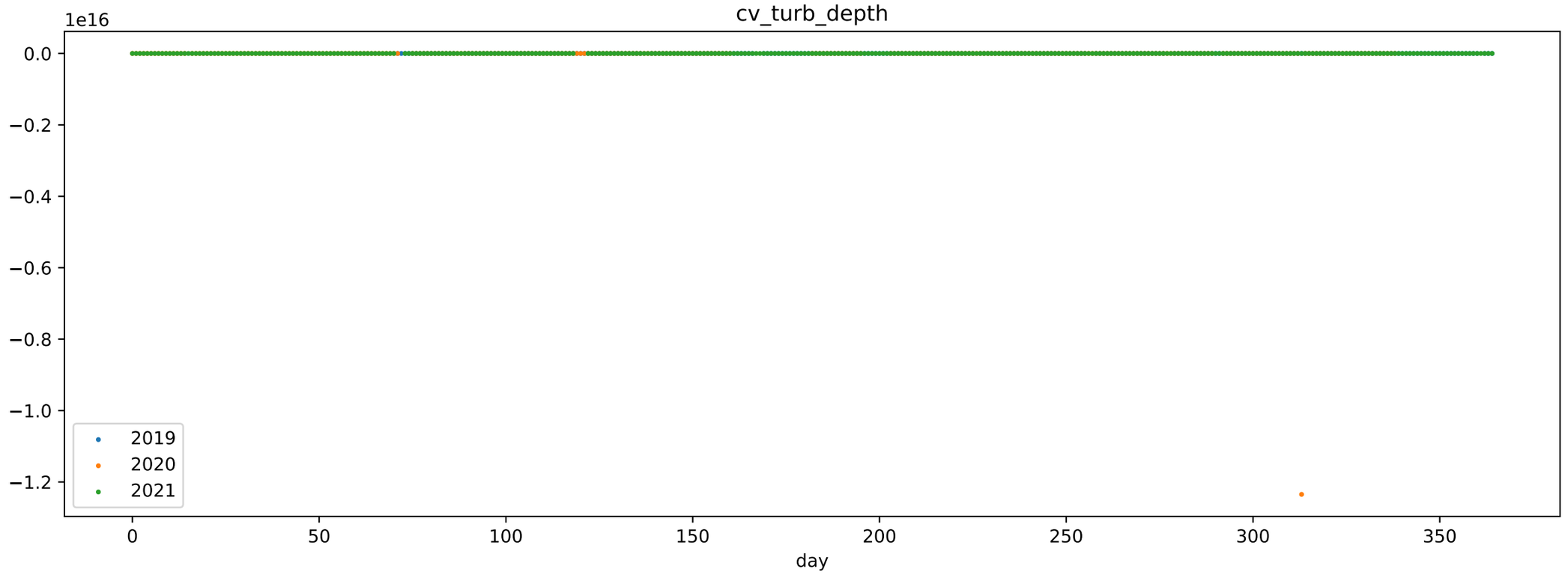
50
100
150
200
250
300
350
day


cv_turb_depth
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−0.2
−0.4
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−1.0
−1.2
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2020
2021
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50
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250
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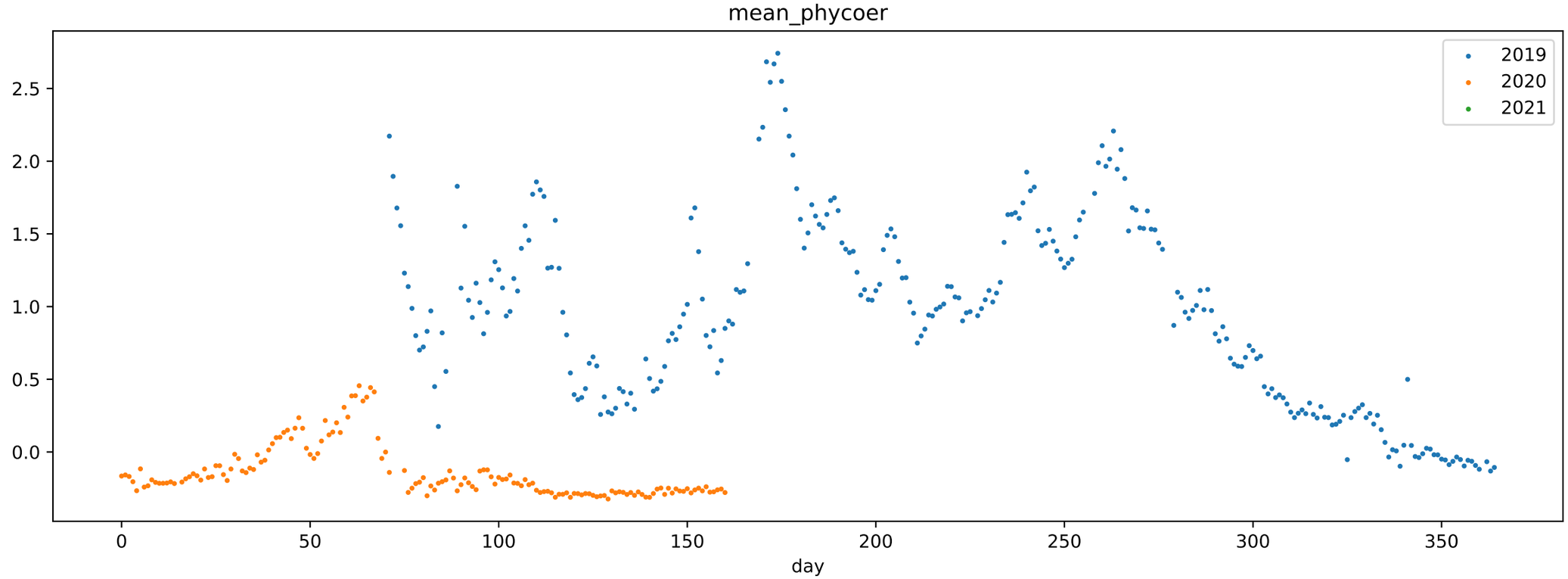
350
day


mean_phycoer
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2020
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1.5
1.0
0.5
0.0
0
50
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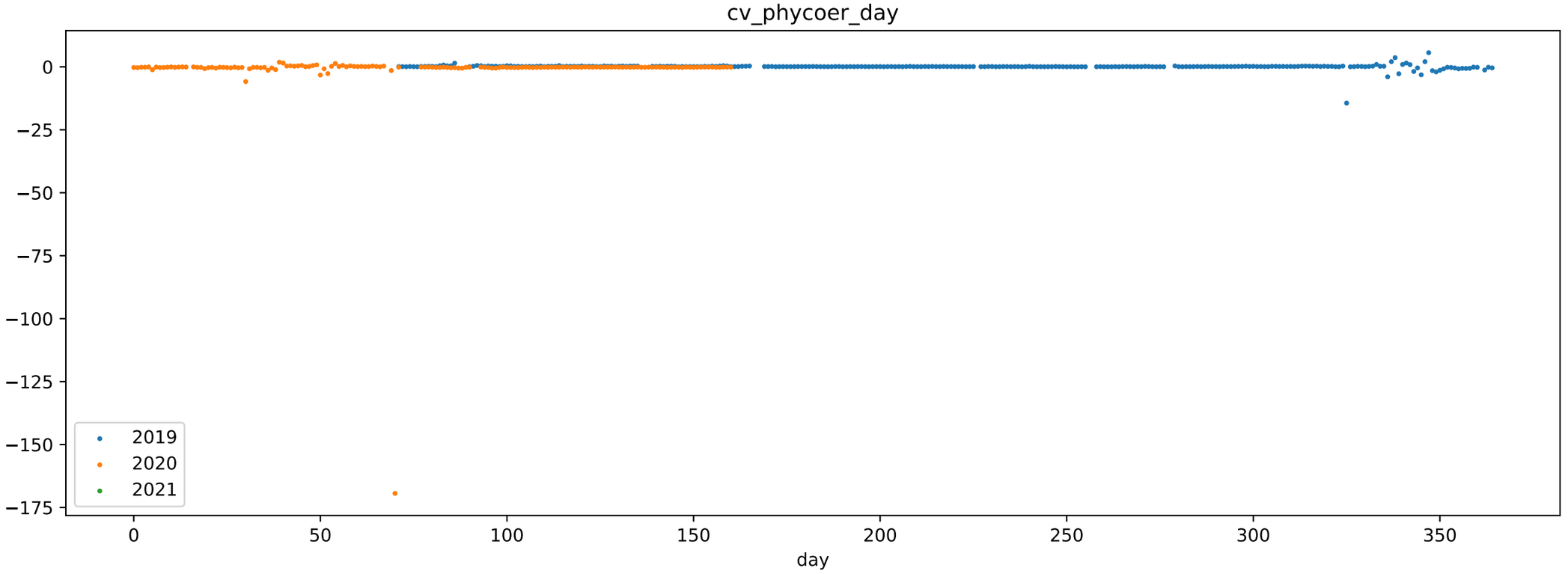
350
day


cv_phycoer_day
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−125
−150
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0
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100
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200
250
300
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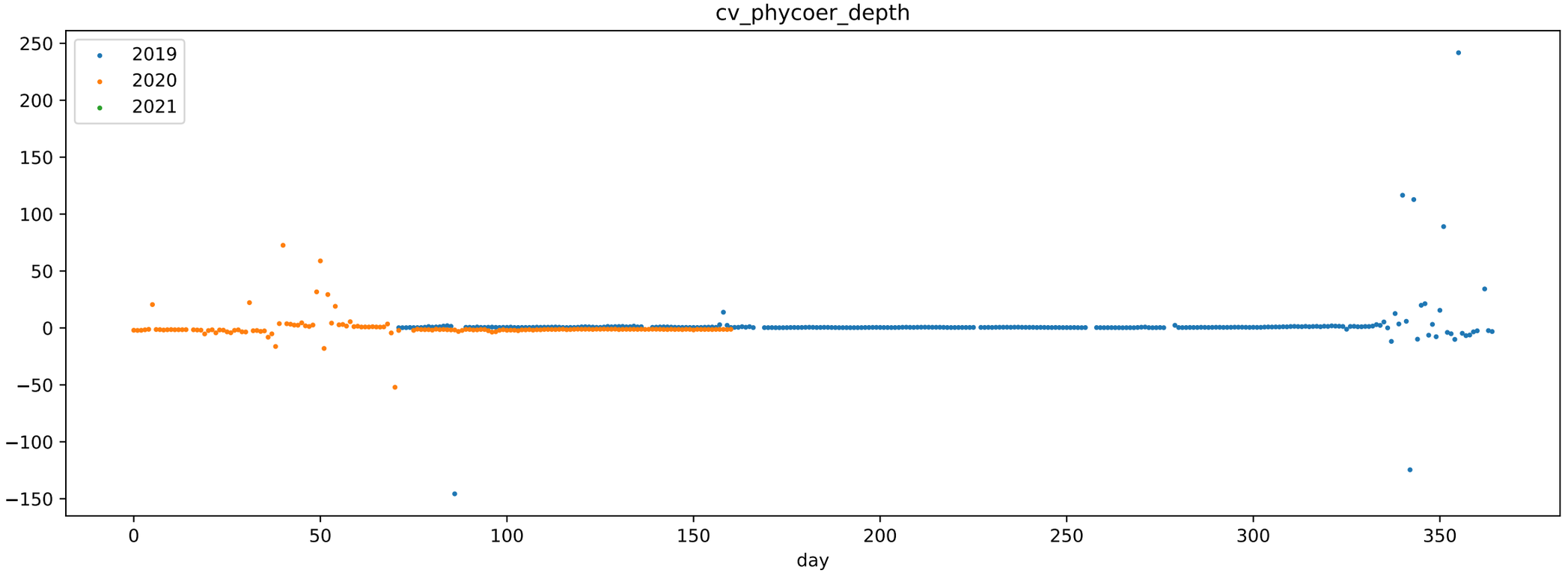
day
2019
2020
2021


cv_phycoer_depth
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2020
2021
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100
50
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−50
−100
−150
0
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100
150
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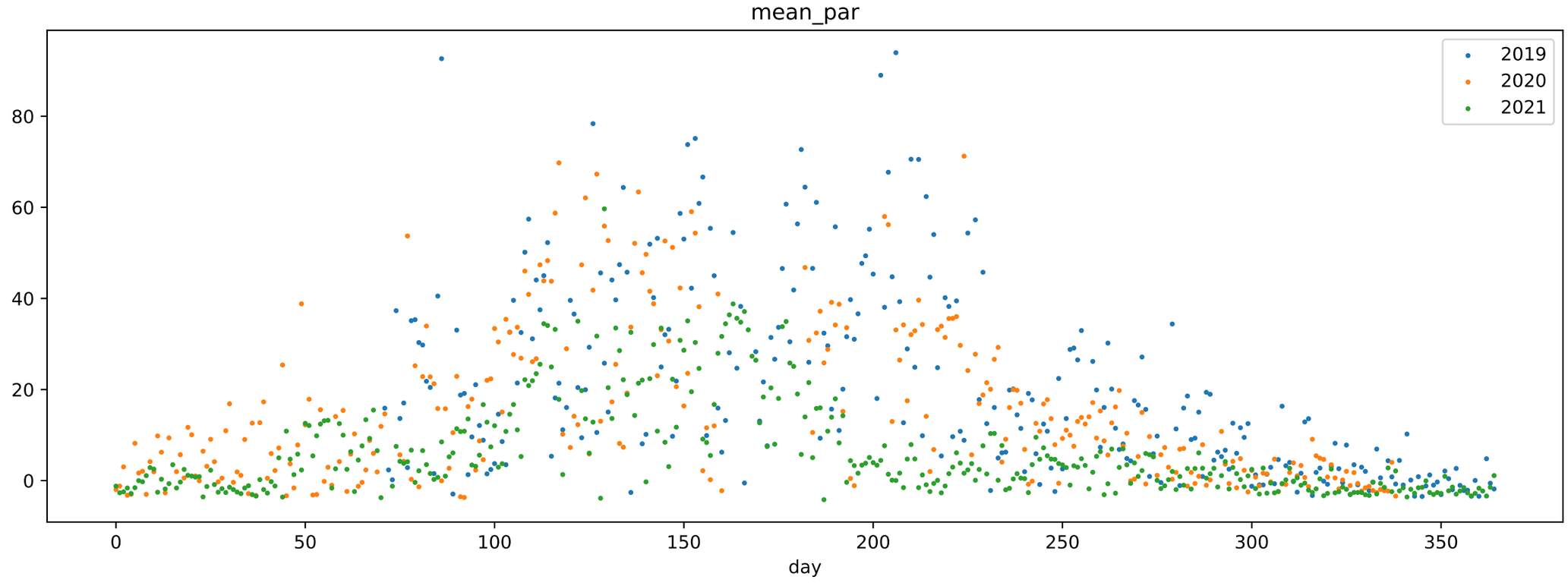
250
300
350
day


mean_par
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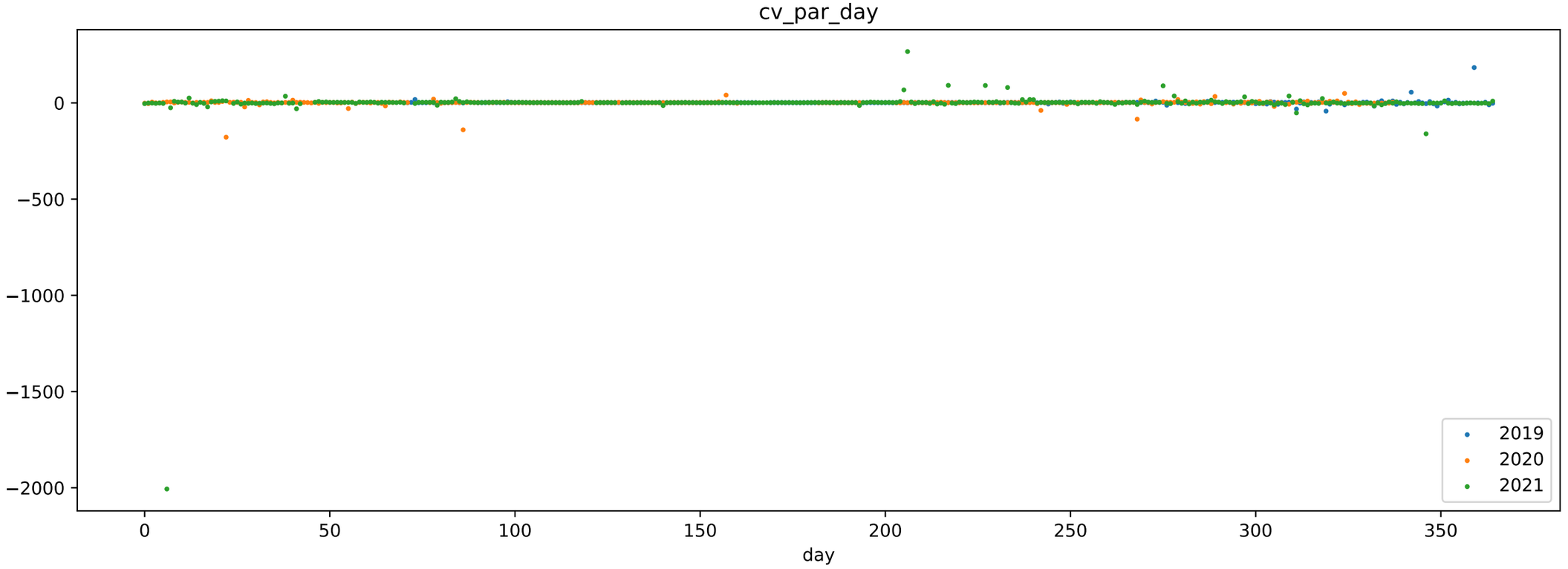
300
350
day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−2000
0
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100
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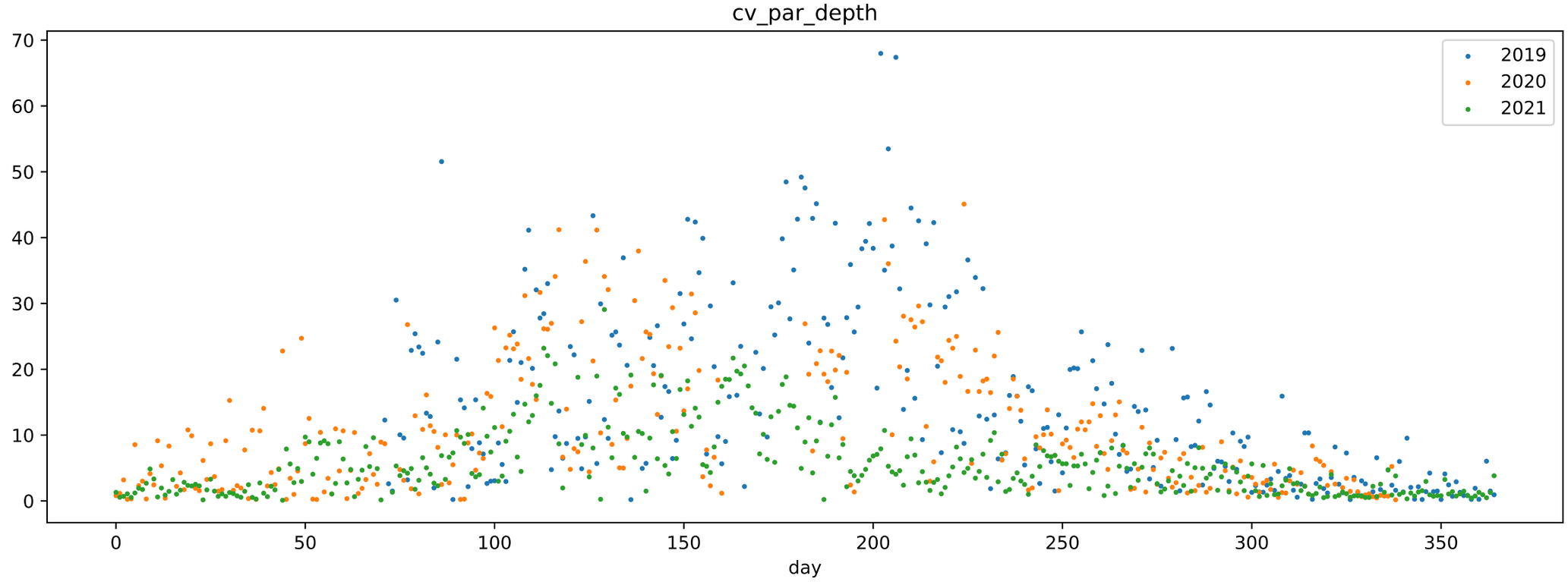
200
250
300
350
day
2019
2020
2021


cv_par_depth
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30
20
10
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50
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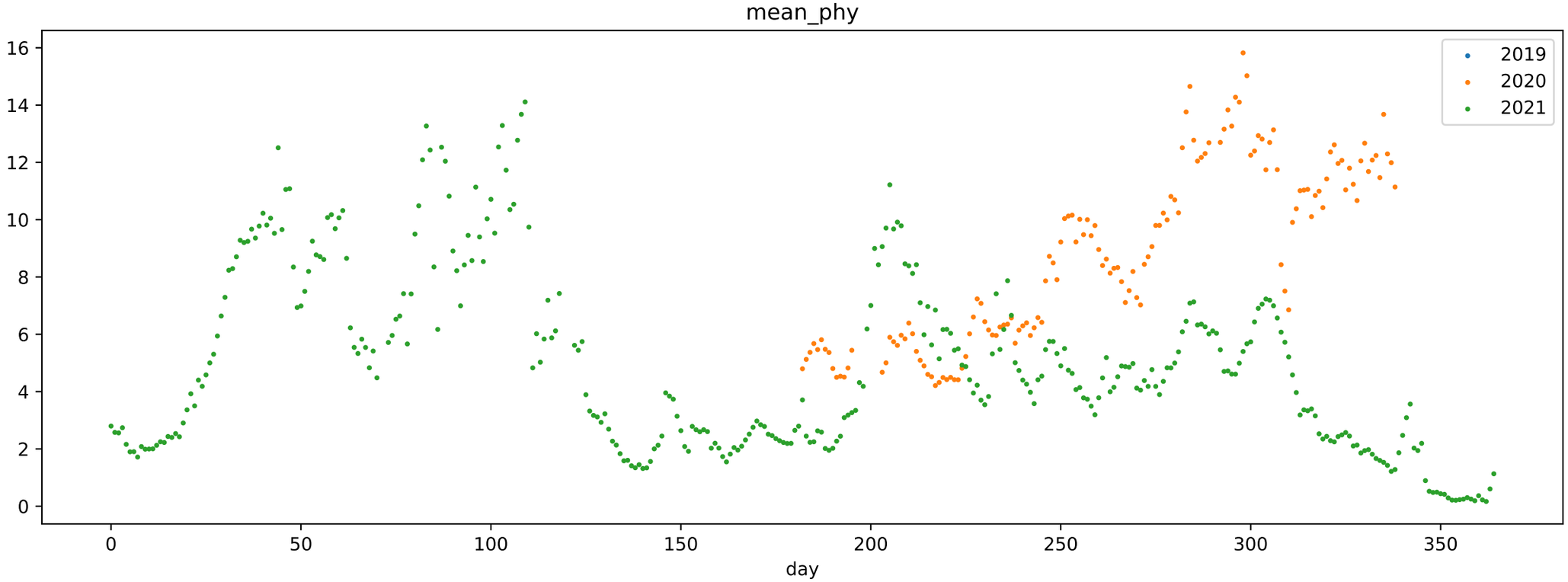
300
350
day


mean_phy
2019
2020
2021
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250
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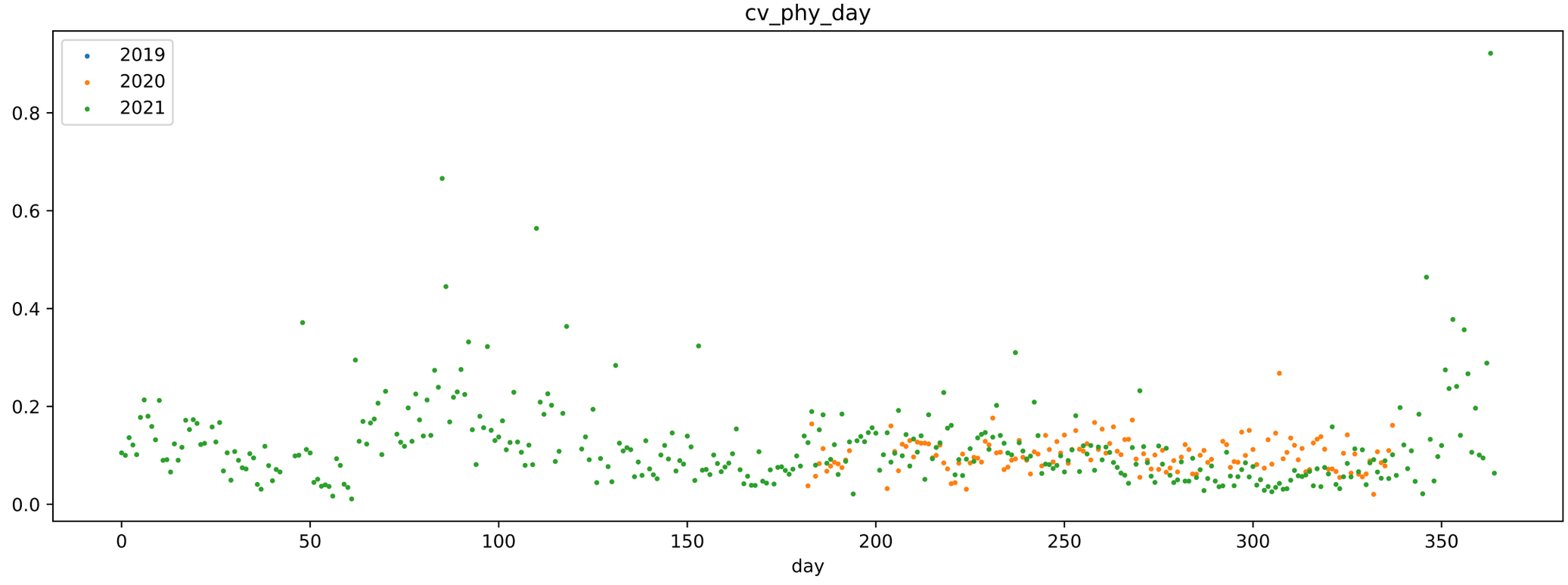
350
day


cv_phy_day
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2021
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0.2
0.4
0.6
0.8
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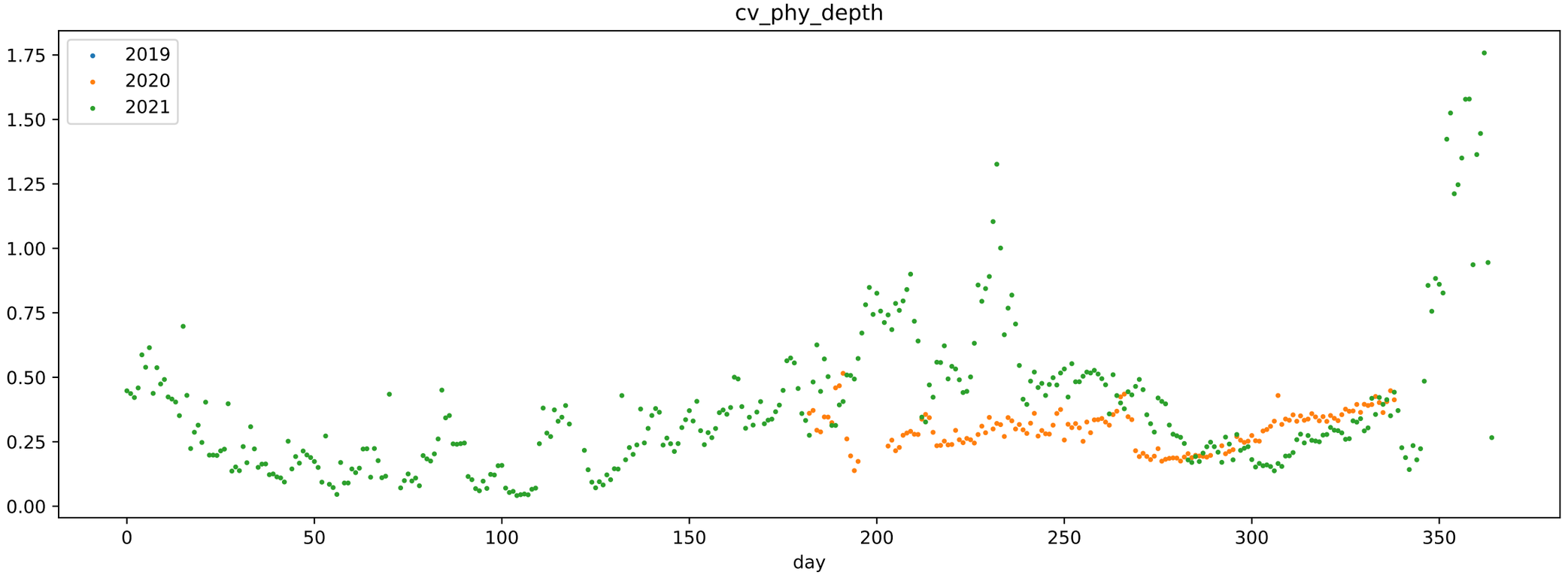
250
300
350
day


cv_phy_depth
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2020
2021
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0.00
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50
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250
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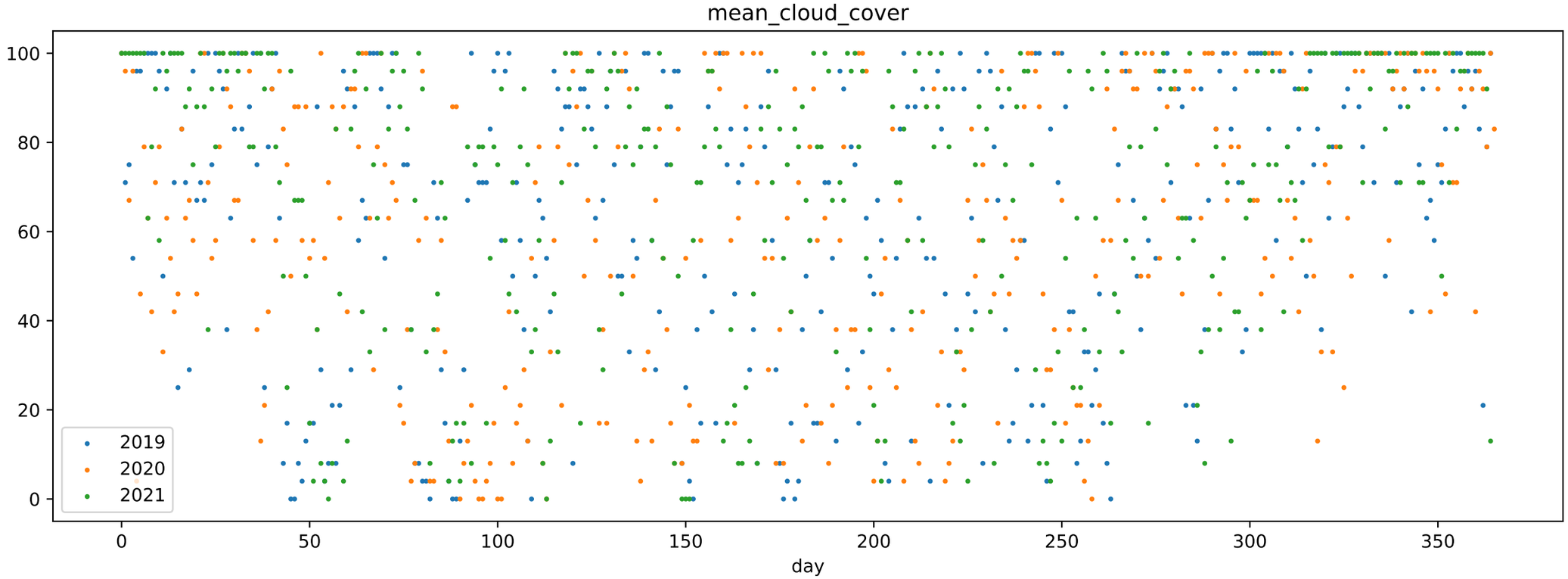
350
day


mean_cloud_cover
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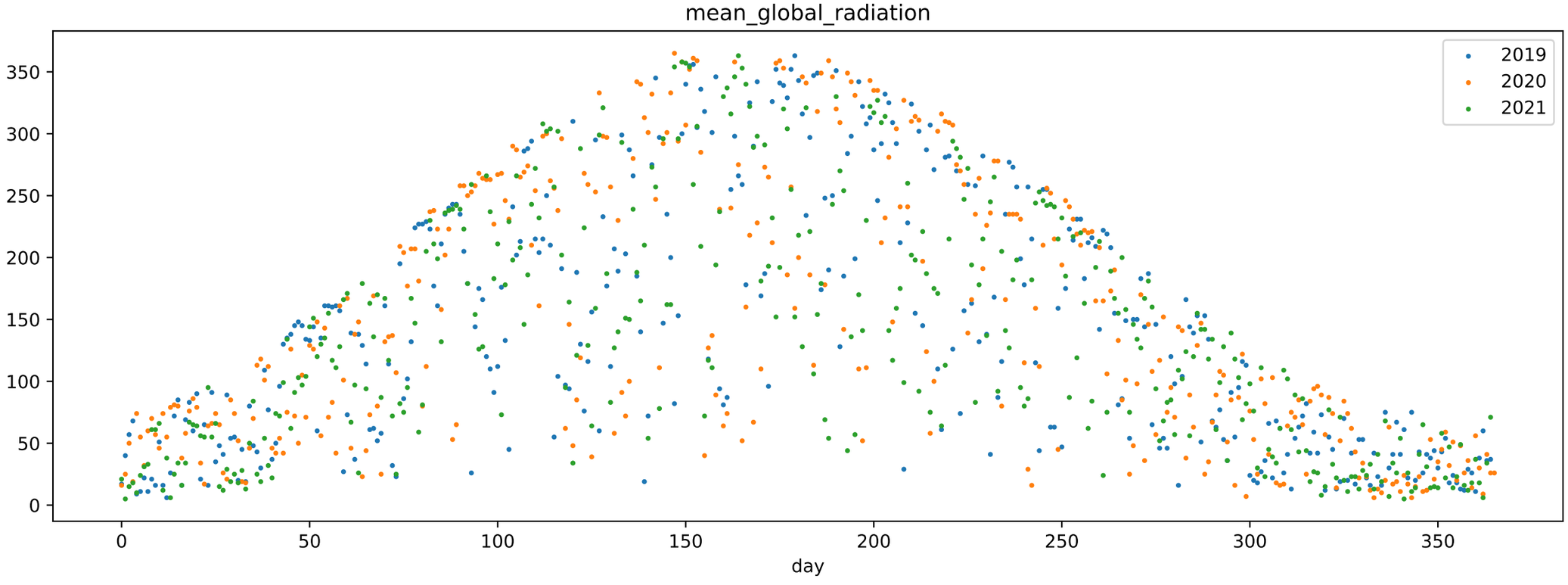
300
350
day
2019
2020
2021


mean_global_radiation
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2020
2021
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100
50
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50
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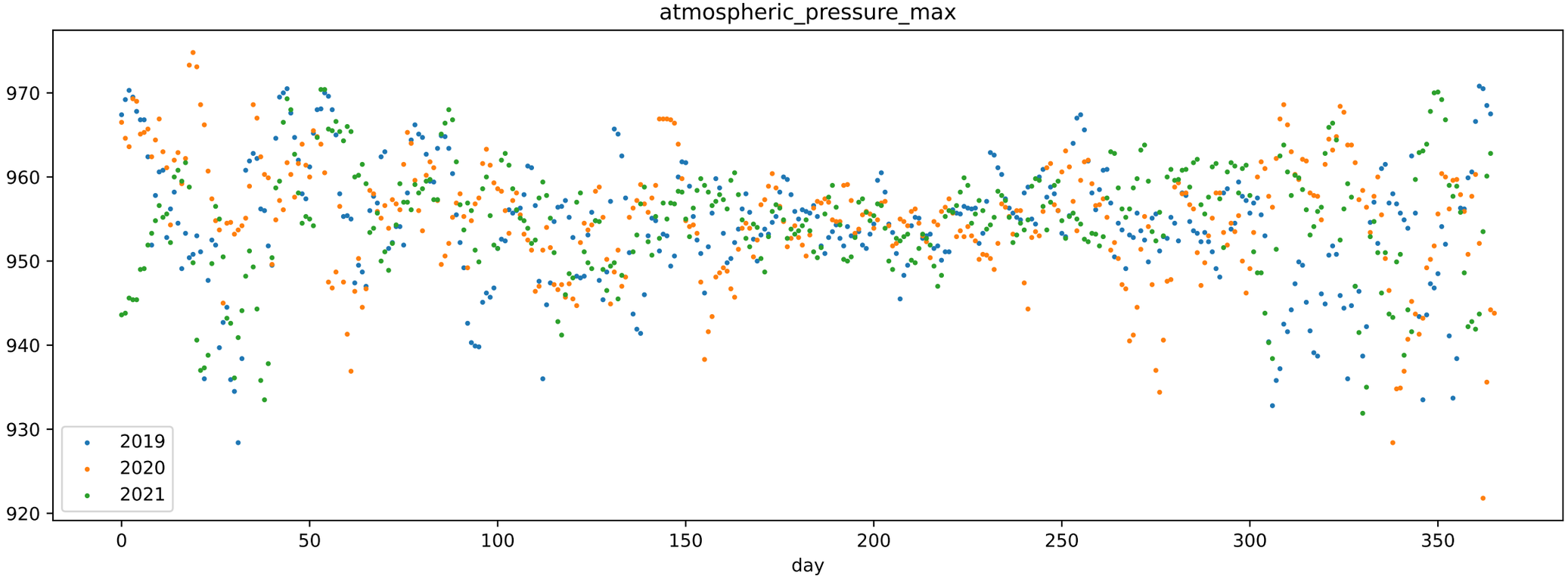
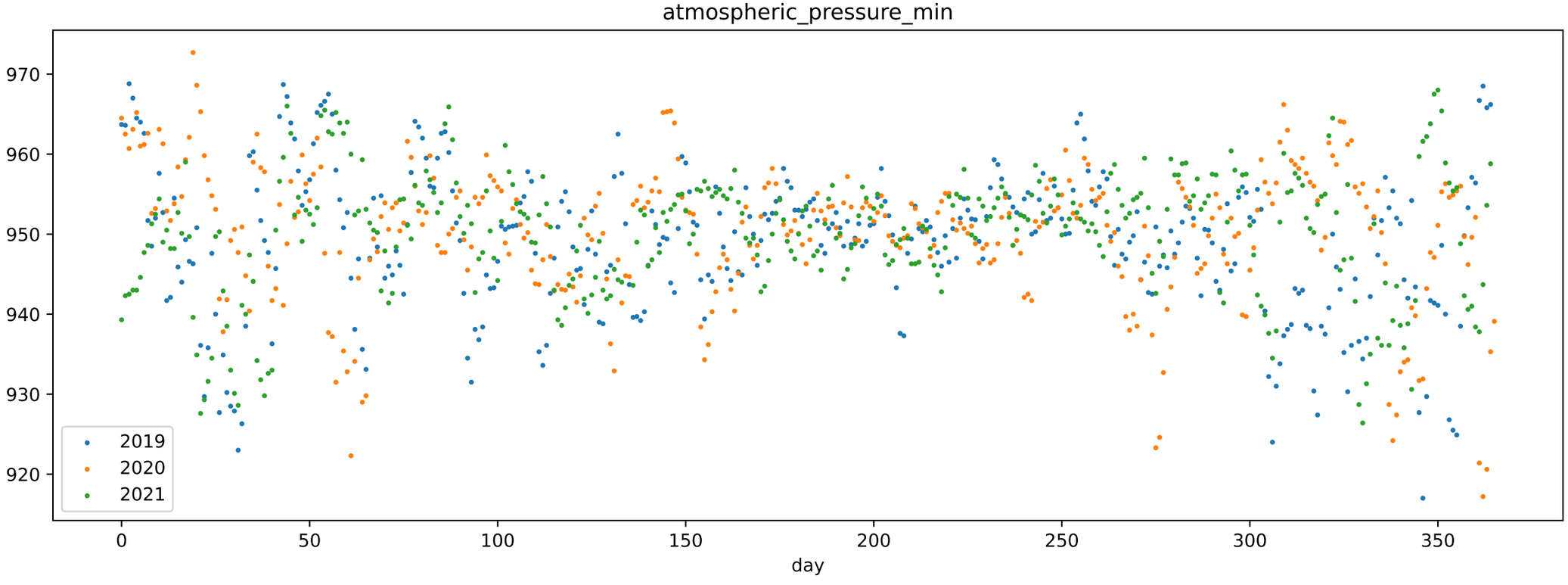
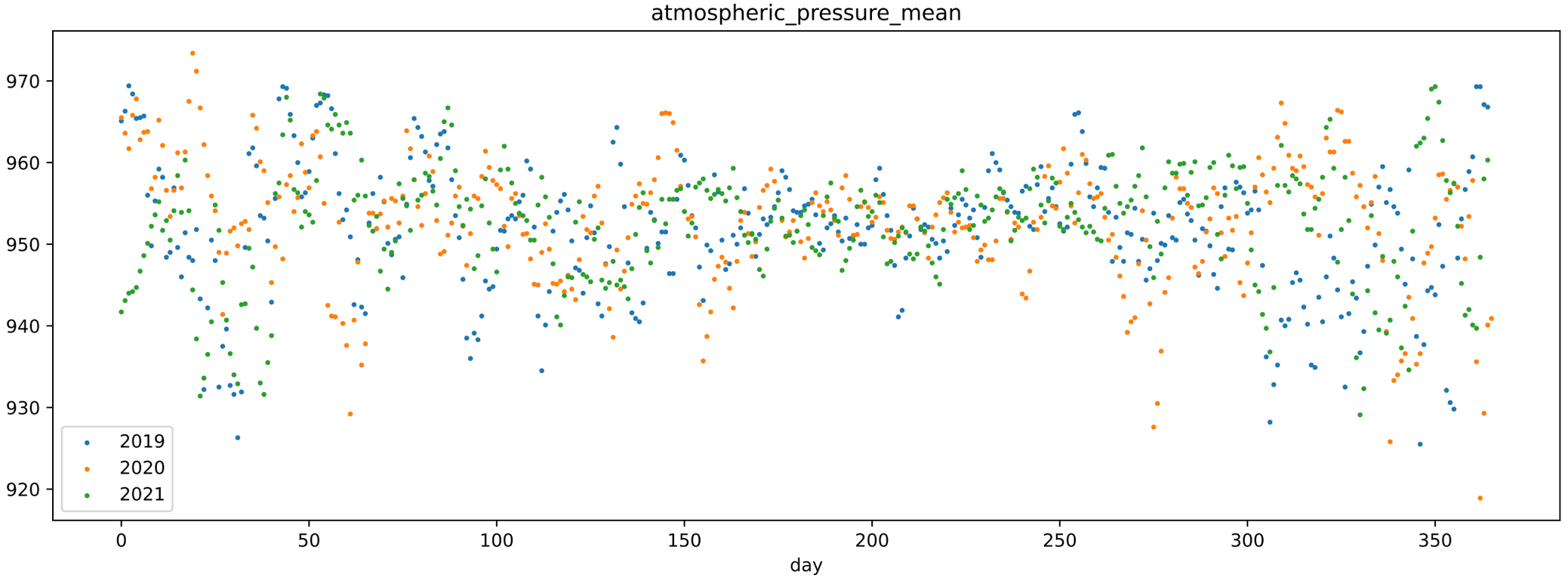
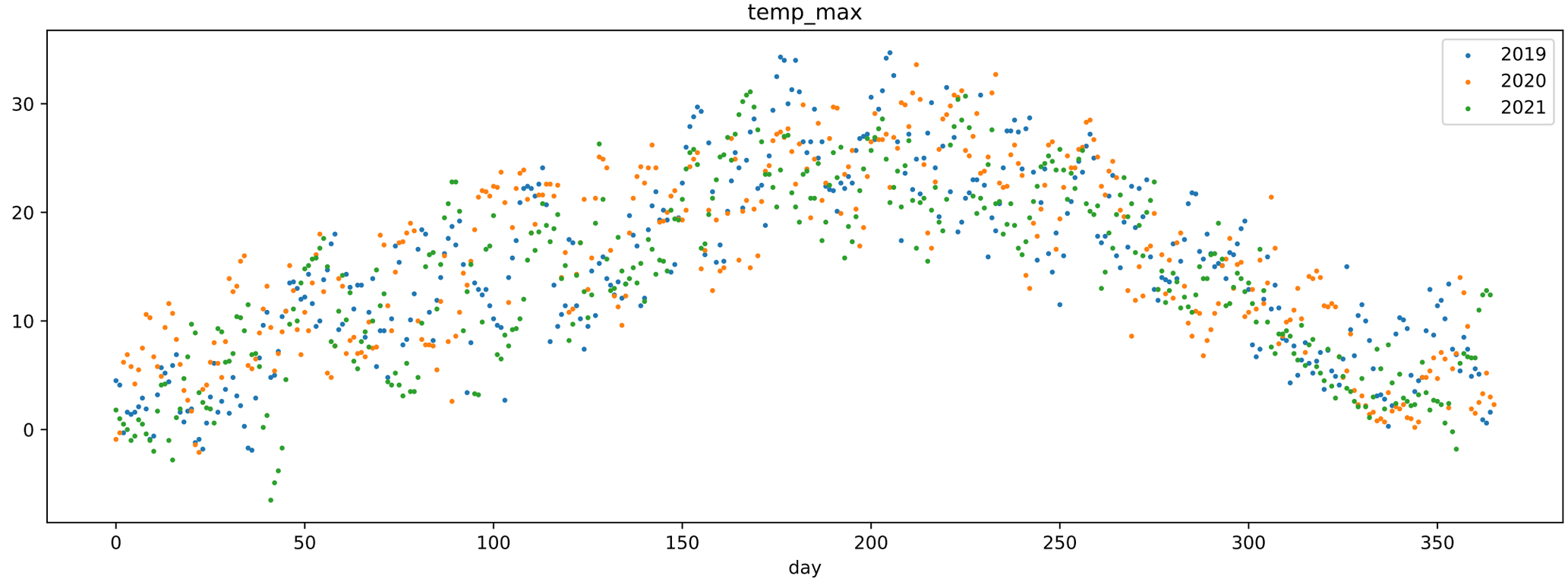
350
day


atmospheric_pressure_max
970
960
950
940
930
920
0
50
100
150
200
250
300
350
day
2019
2020
2021


atmospheric_pressure_min
970
960
950
940
930
920
2019
2020
2021
0
50
100
150
200
250
300
350
day


atmospheric_pressure_mean
970
960
950
940
930
920
2019
2020
2021
0
50
100
150
200
250
300
350
day


temp_max
2019
2020
2021
30
20
10
0
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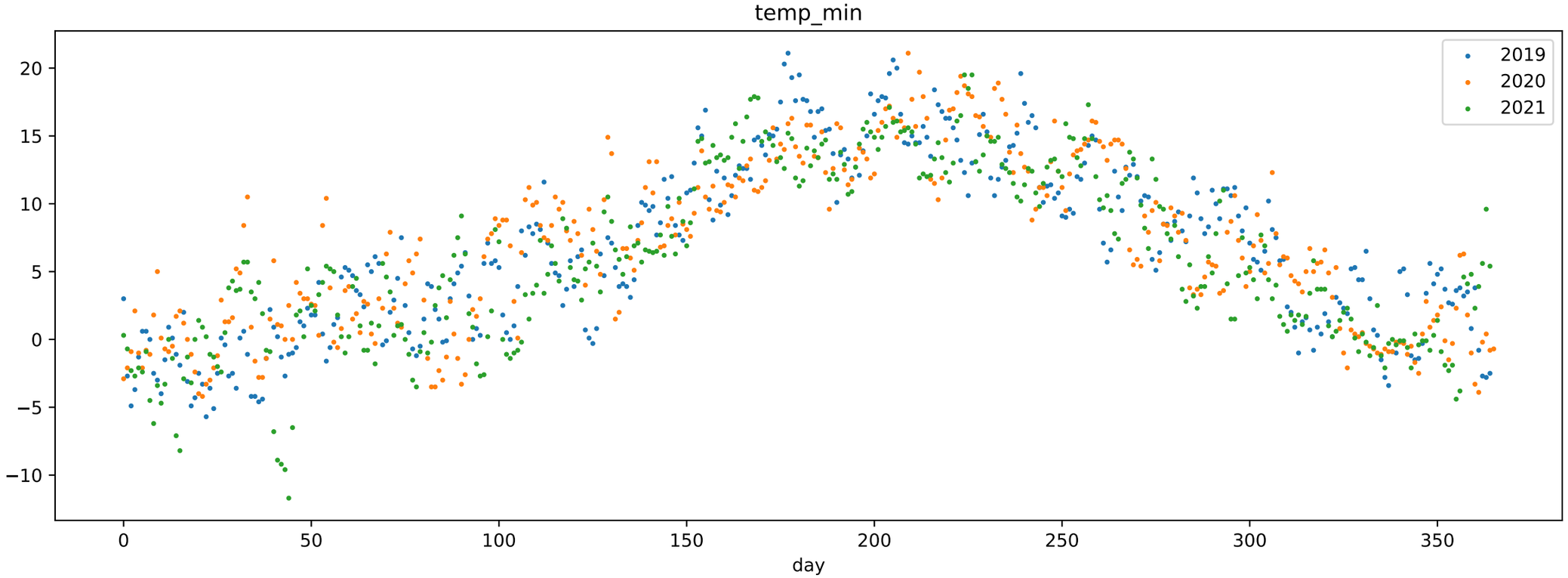
50
100
150
200
250
300
350
day


temp_min
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2020
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20
15
10
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−5
−10
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50
100
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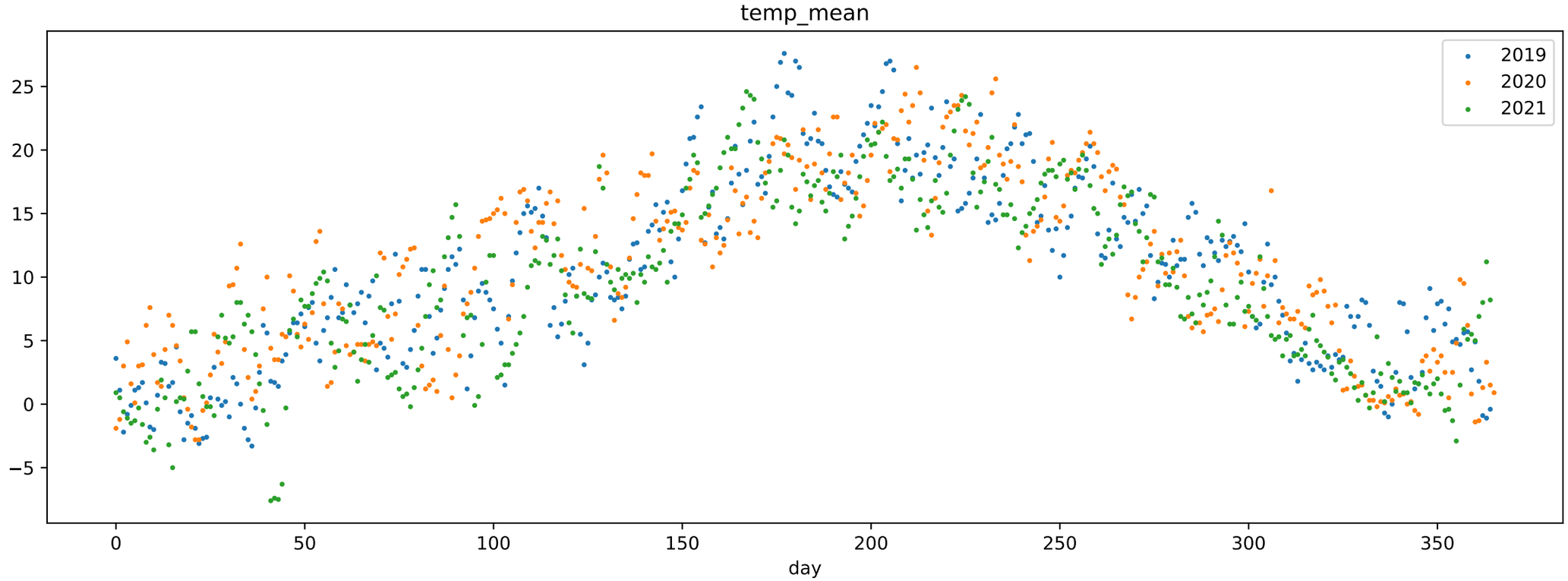
250
300
350
day


temp_mean
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2020
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20
15
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5
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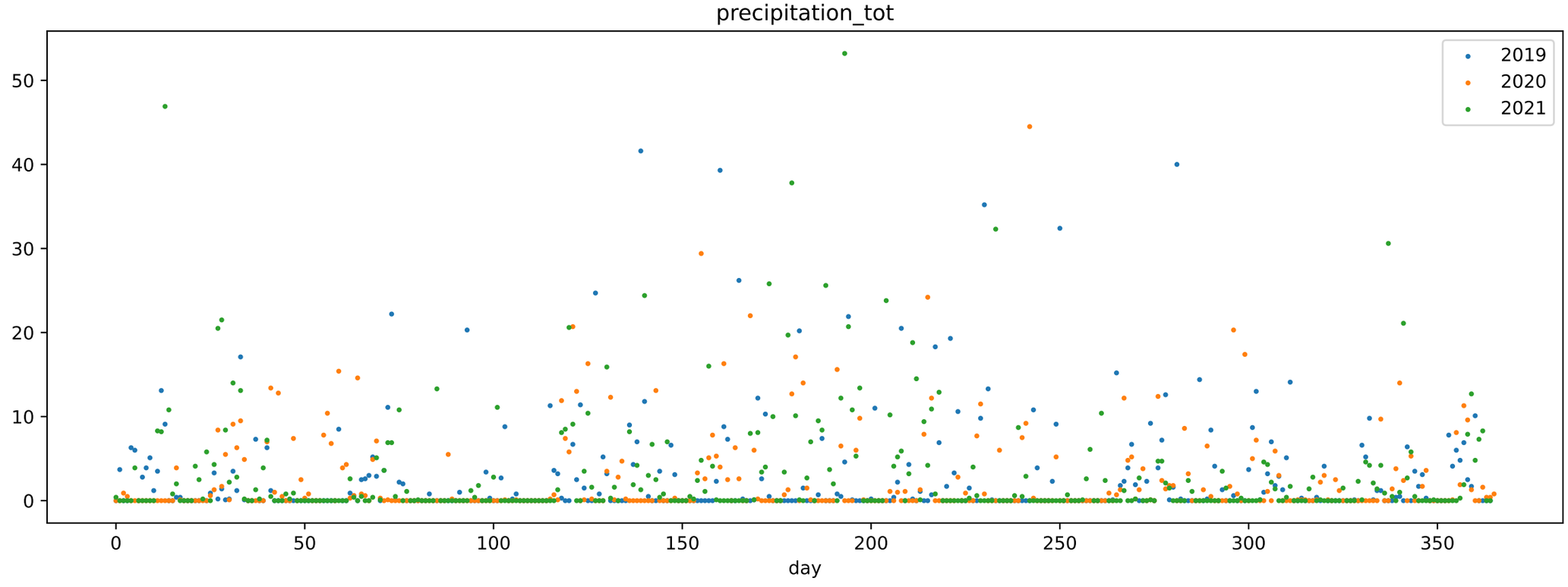
50
100
150
200
250
300
350
day


precipitation_tot
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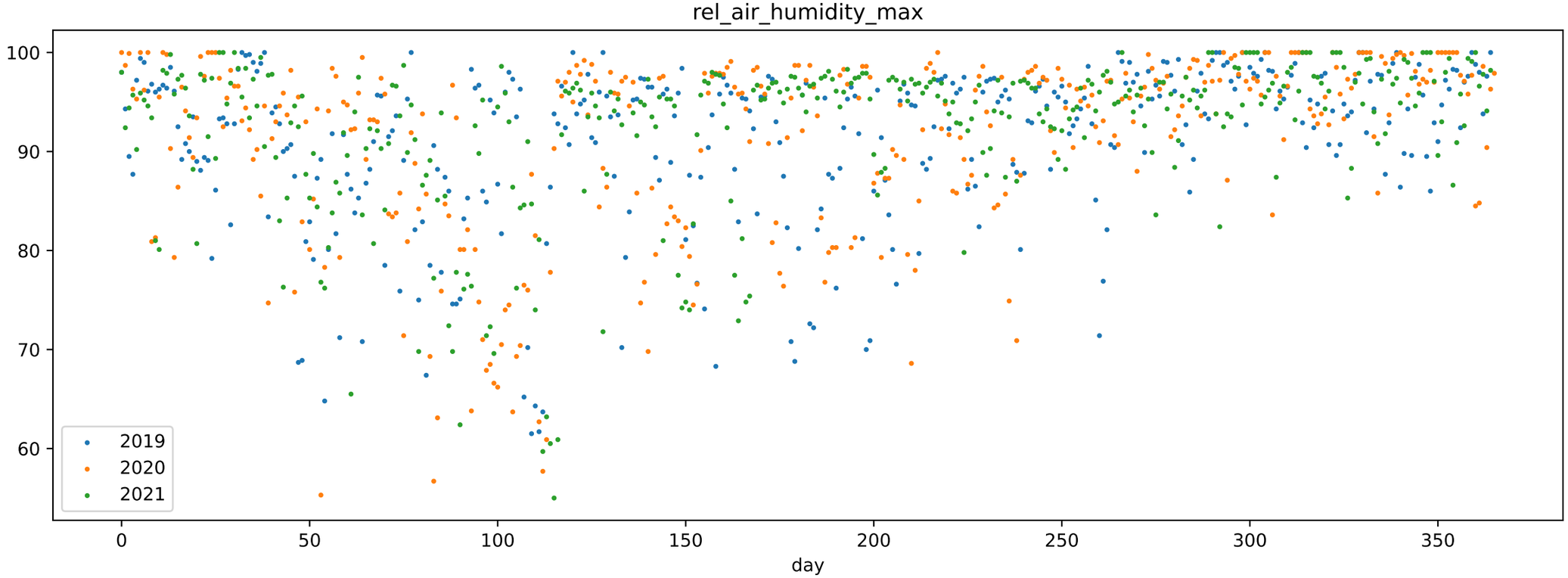
2020
2021
50
40
30
20
10
0
0
50
100
150
200
250
300
350
day


rel_air_humidity_max
100
90
80
70
60
2019
2020
2021
0
50
100
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250
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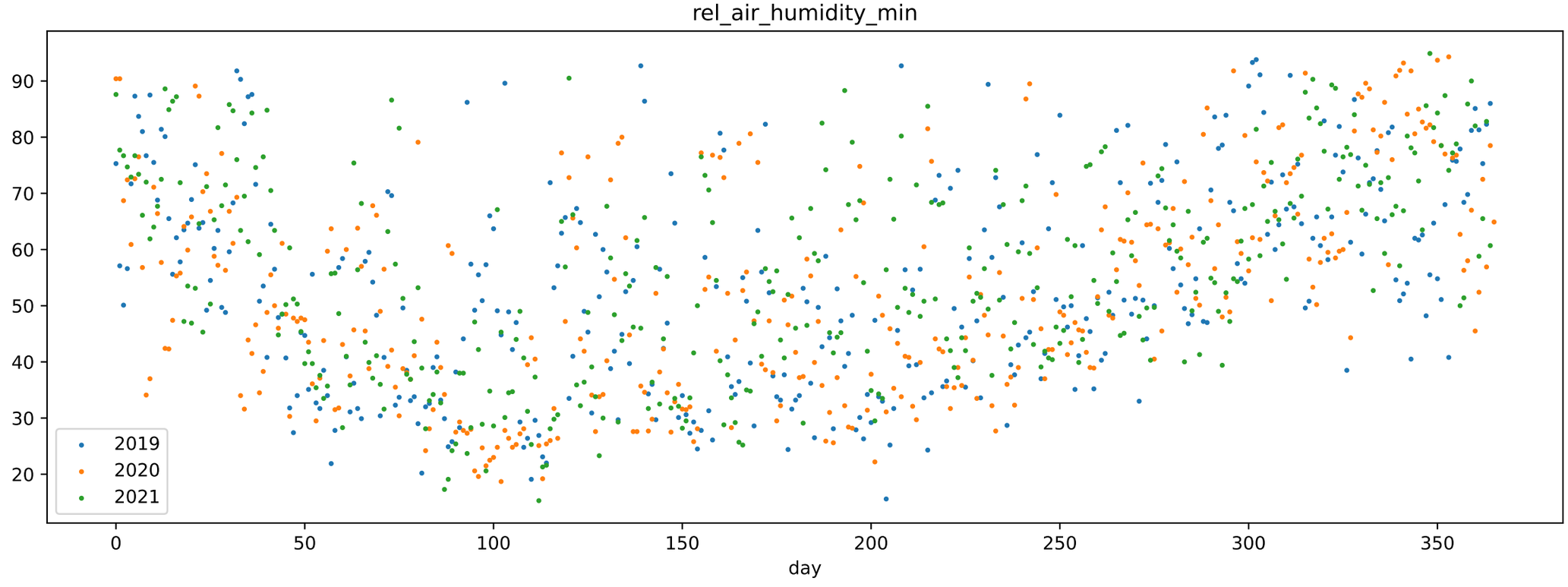
350
day


rel_air_humidity_min
90
80
70
60
50
40
30
20
2019
2020
2021
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100
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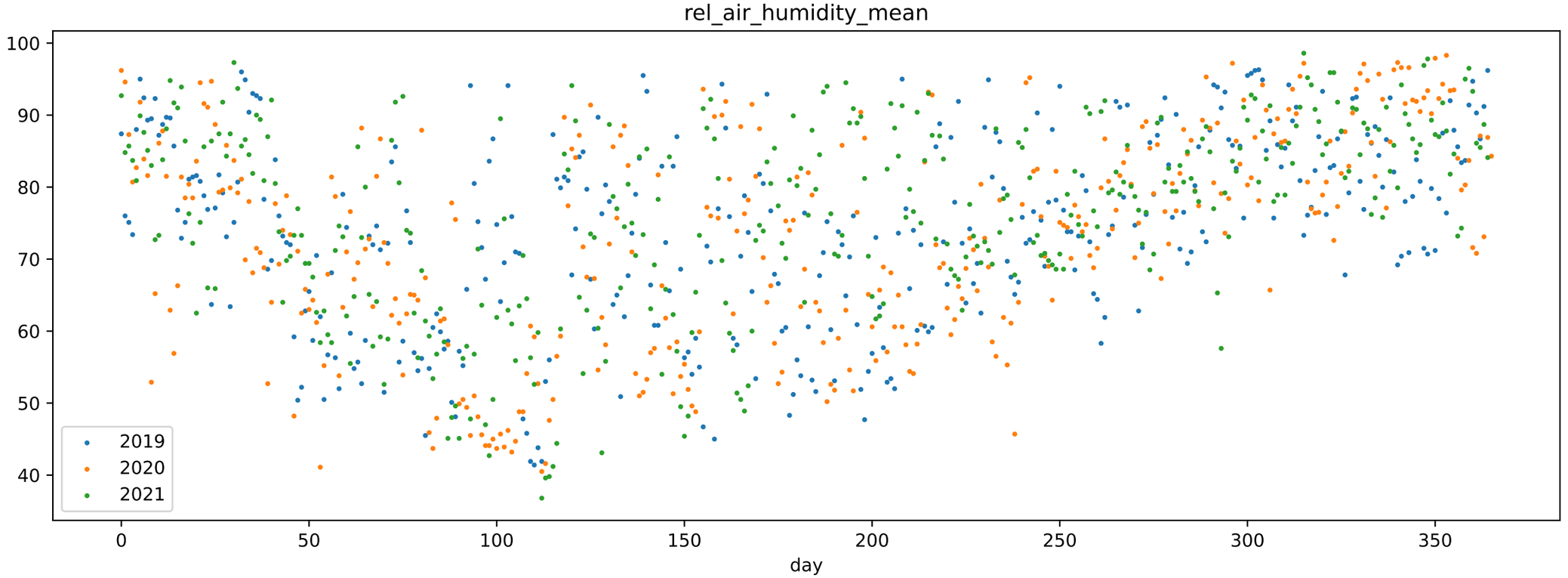
300
350
day


rel_air_humidity_mean
100
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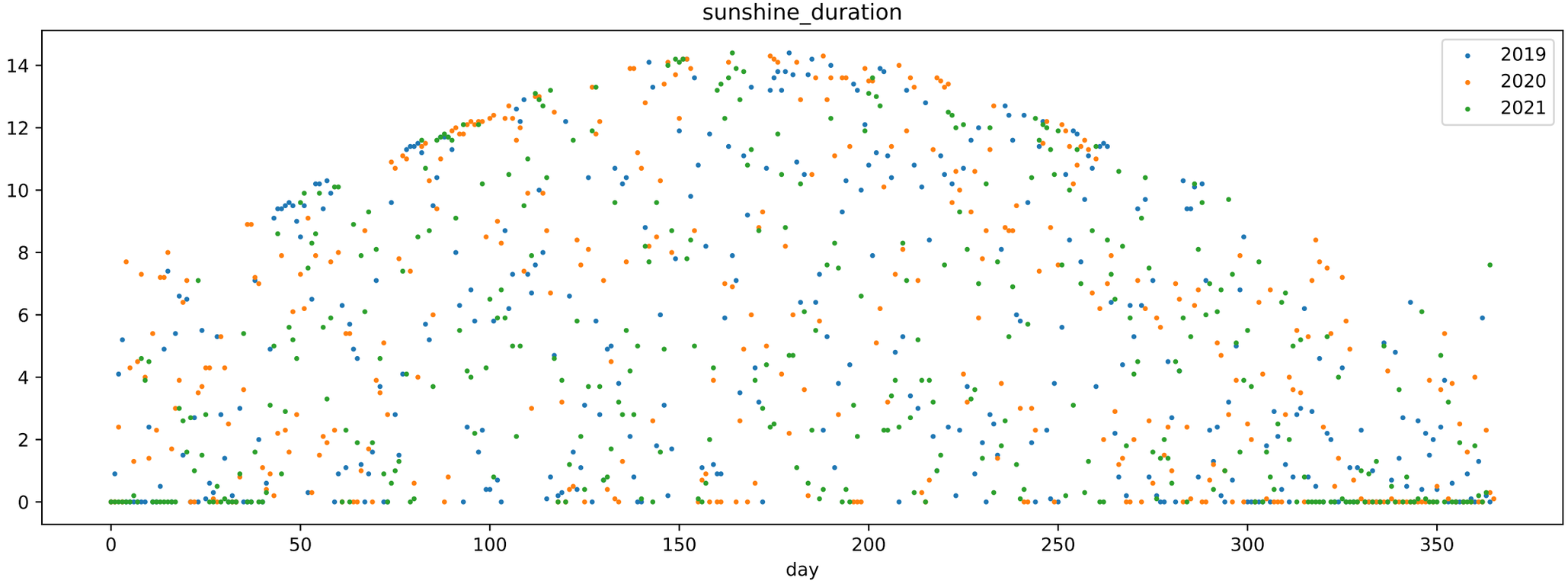
70
60
50
40
0
50
100
150
200
250
300
350
day
2019
2020
2021


sunshine_duration
2019
2020
2021
14
12
10
8
6
4
2
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50
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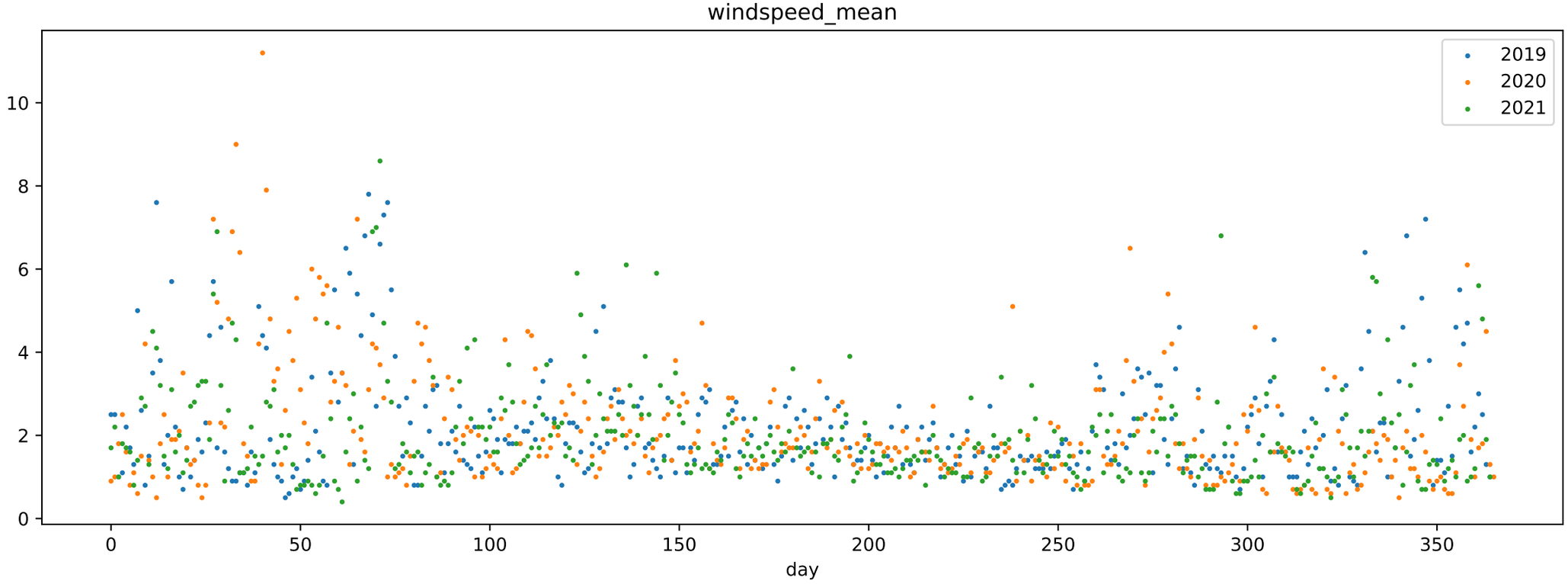
350
day


windspeed_mean
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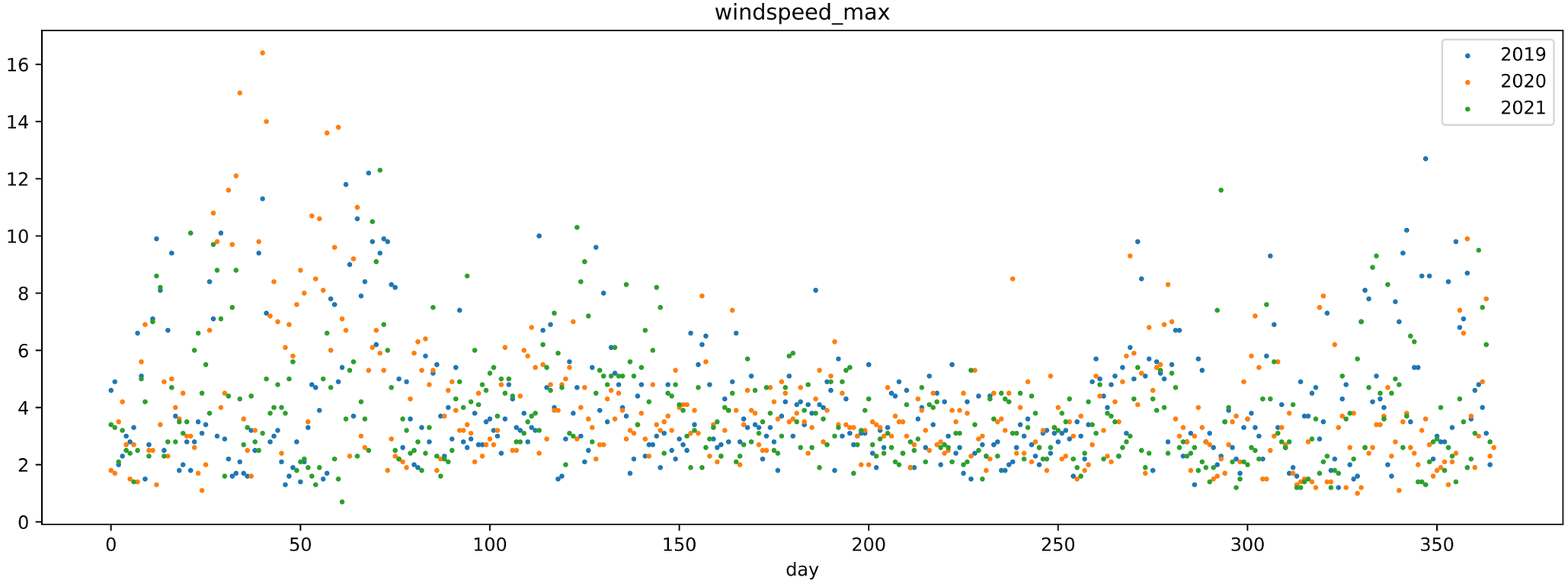
2020
2021
0
2
4
6
8
10
0
50
100
150
200
250
300
350
day


windspeed_max
2019
2020
2021
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2
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6
8
10
12
14
16
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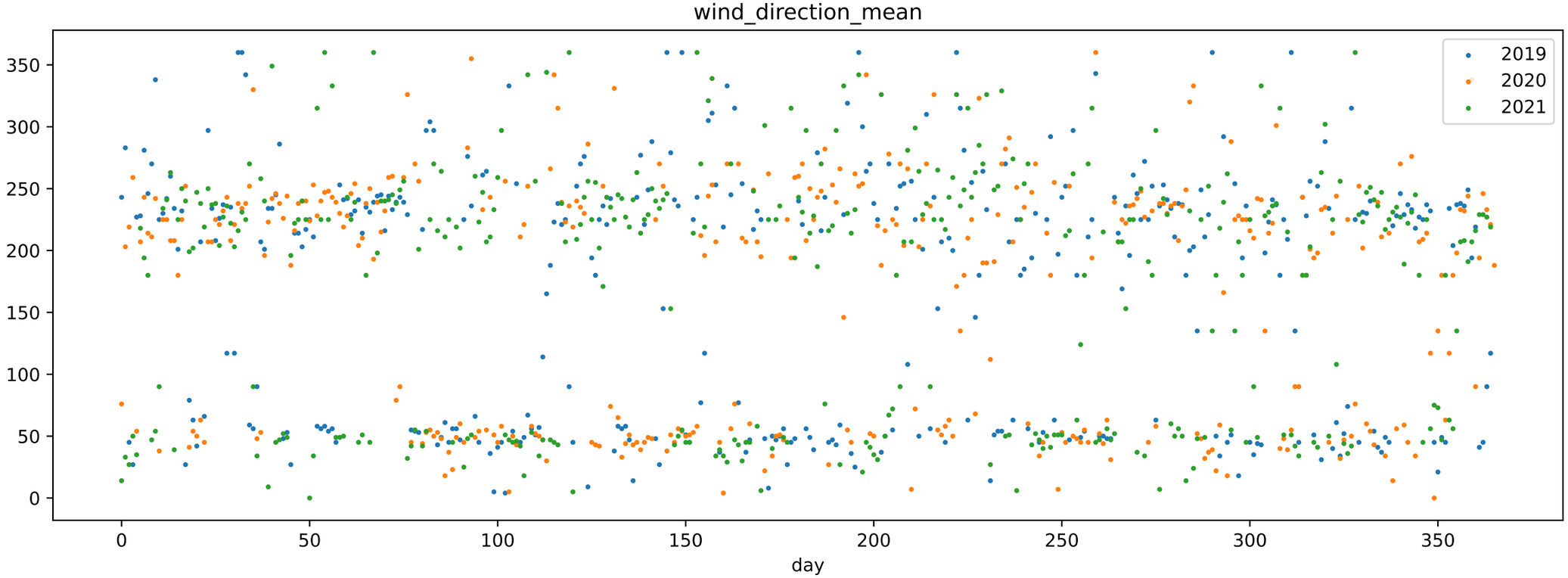
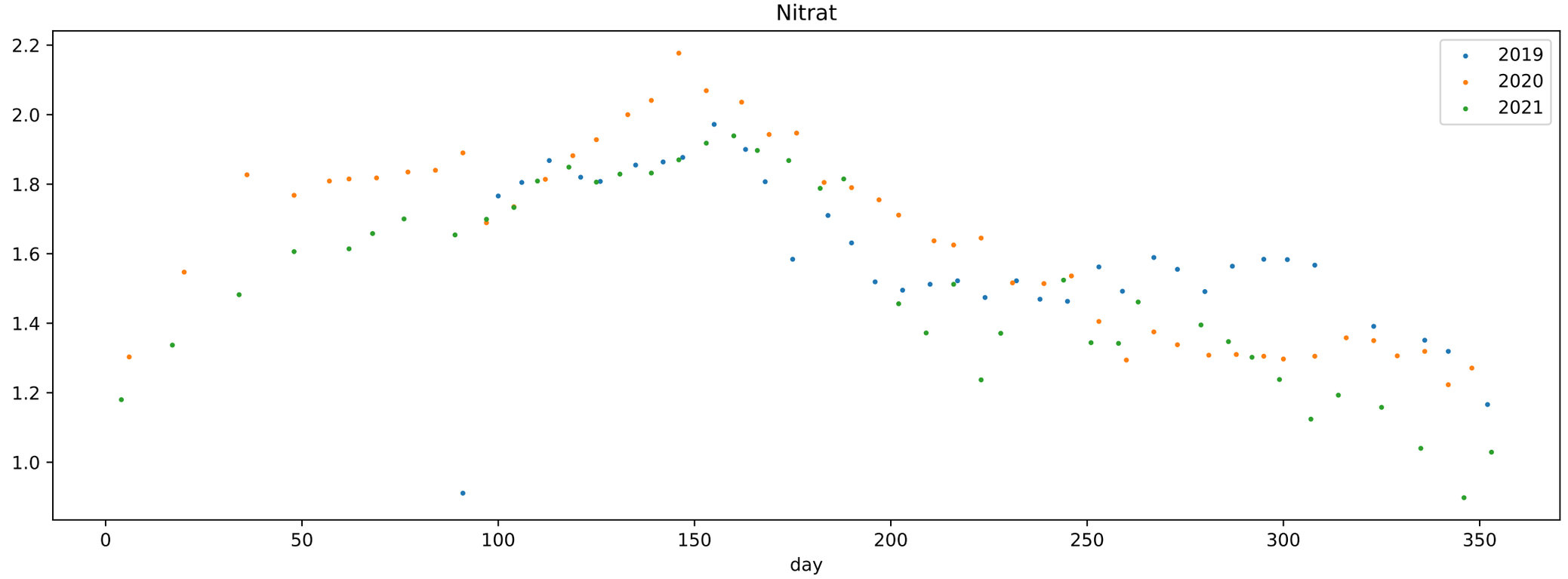
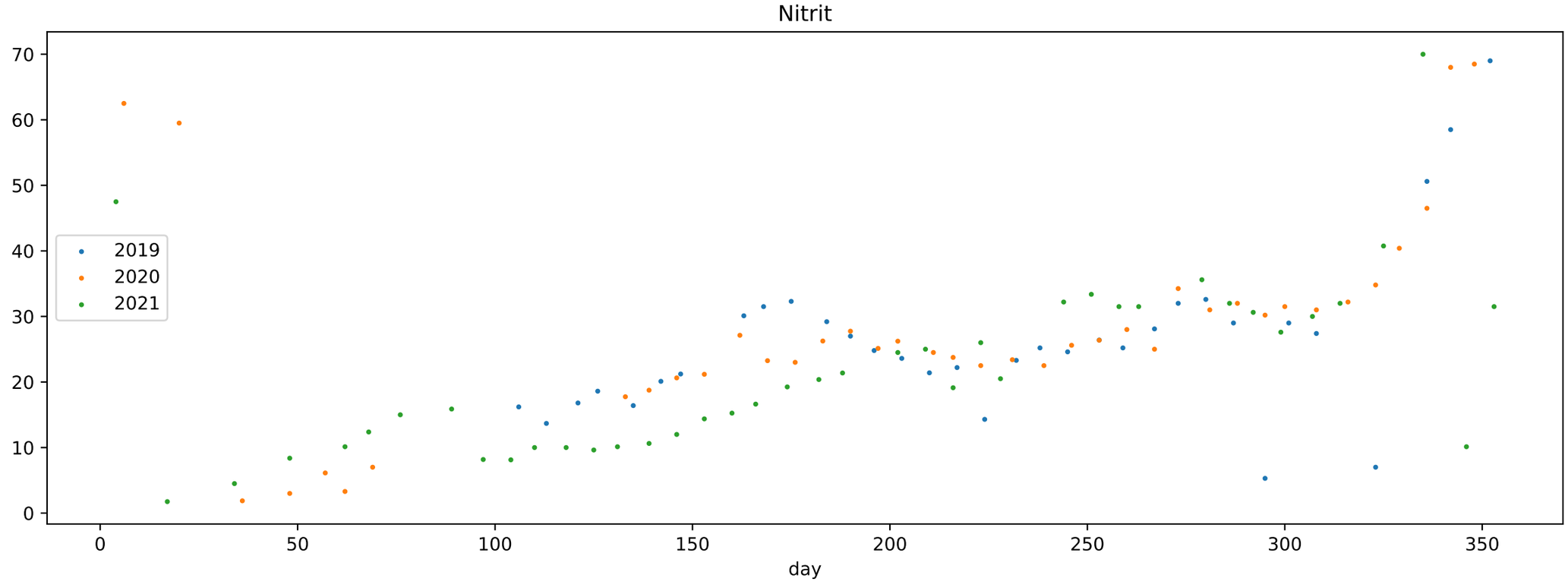
250
300
350
day


wind_direction_mean
2019
2020
2021
350
300
250
200
150
100
50
0
0
50
100
150
200
250
300
350
day


Nitrat
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0
50
100
150
200
250
300
350
day
2019
2020
2021


Nitrit
2019
2020
2021
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60
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0
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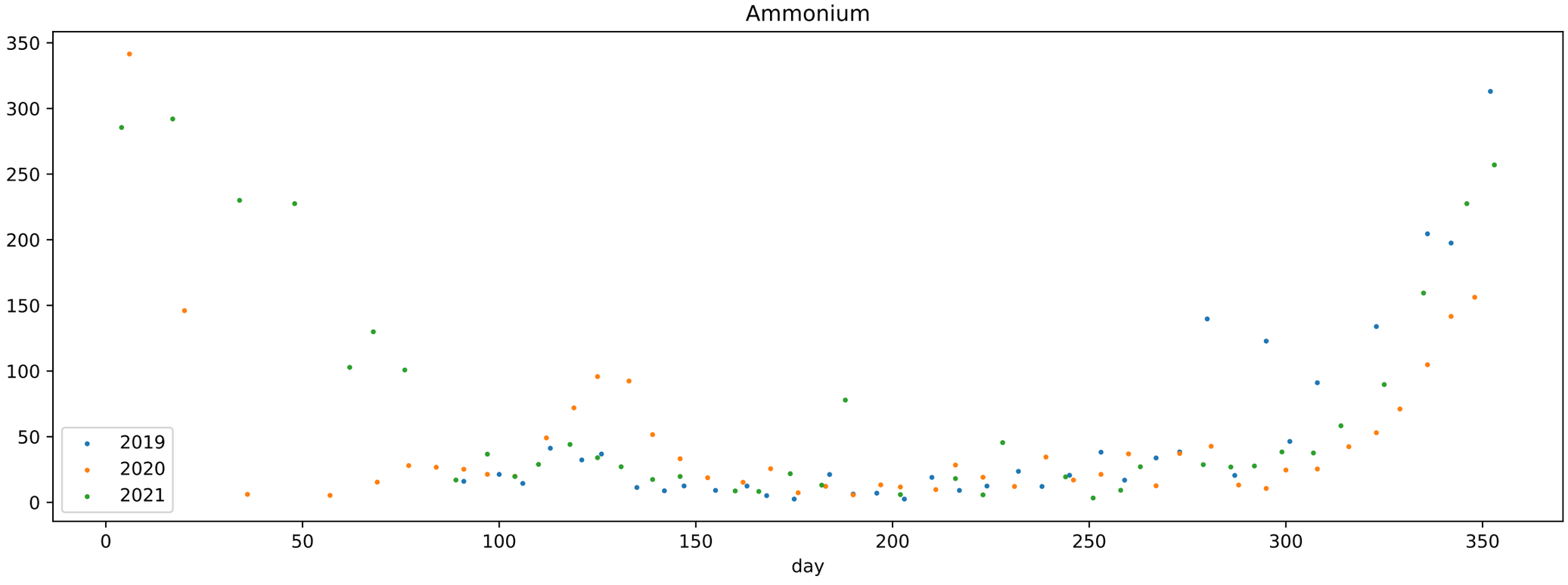
day


Ammonium
350
300
250
200
150
100
50
0
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100
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200
250
300
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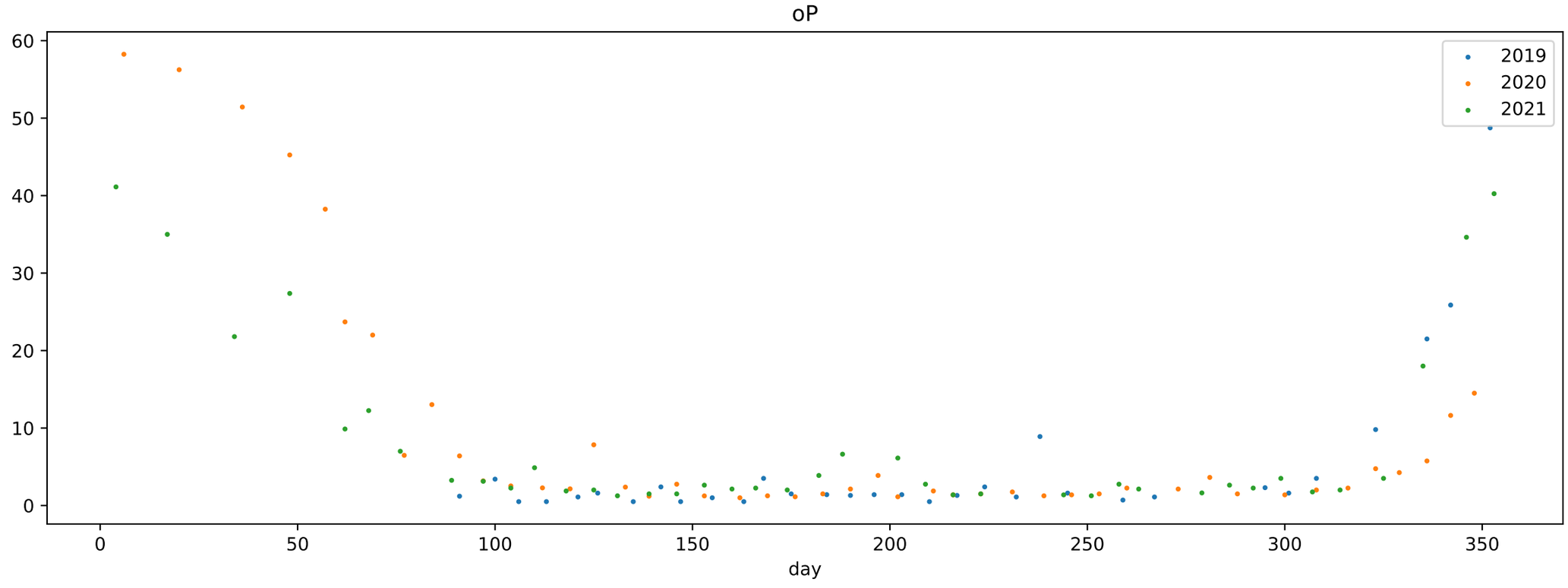
day
2019
2020
2021


oP
2019
2020
2021
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20
10
0
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50
100
150
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250
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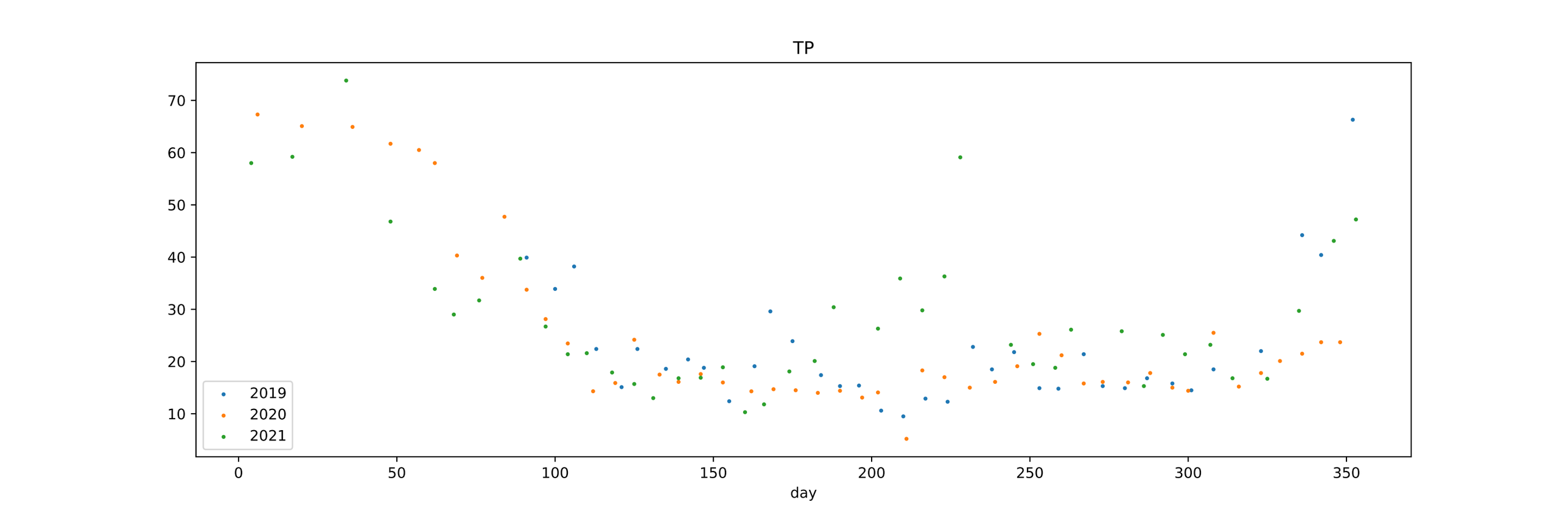
350
day


TP
70
60
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200
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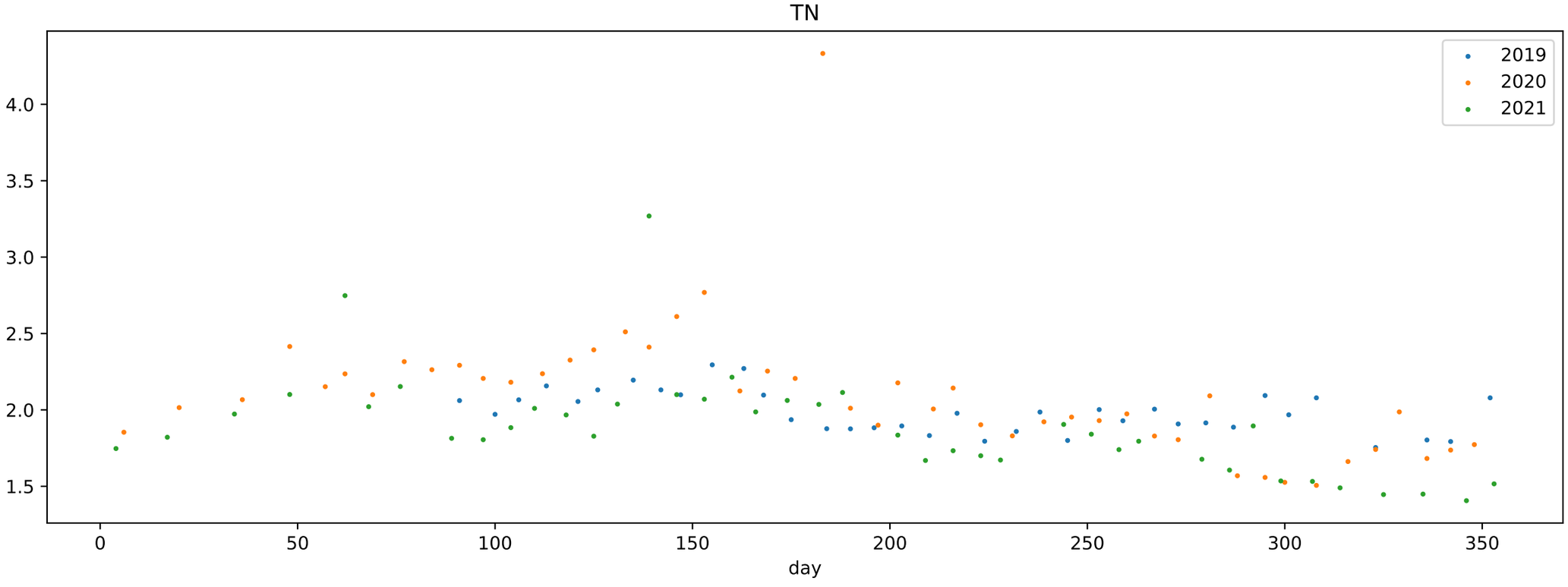
day
2019
2020
2021


TN
2019
2020
2021
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3.0
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2.0
1.5
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50
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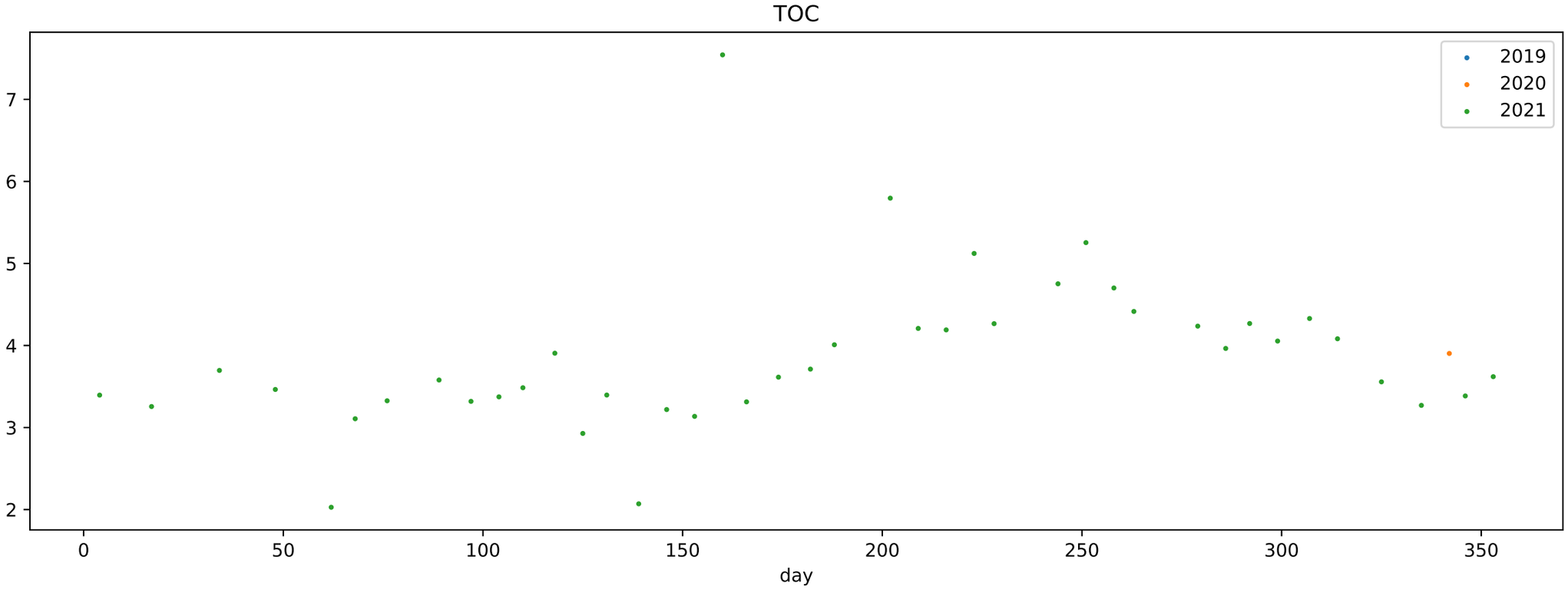
day


TOC
2019
2020
2021
7
6
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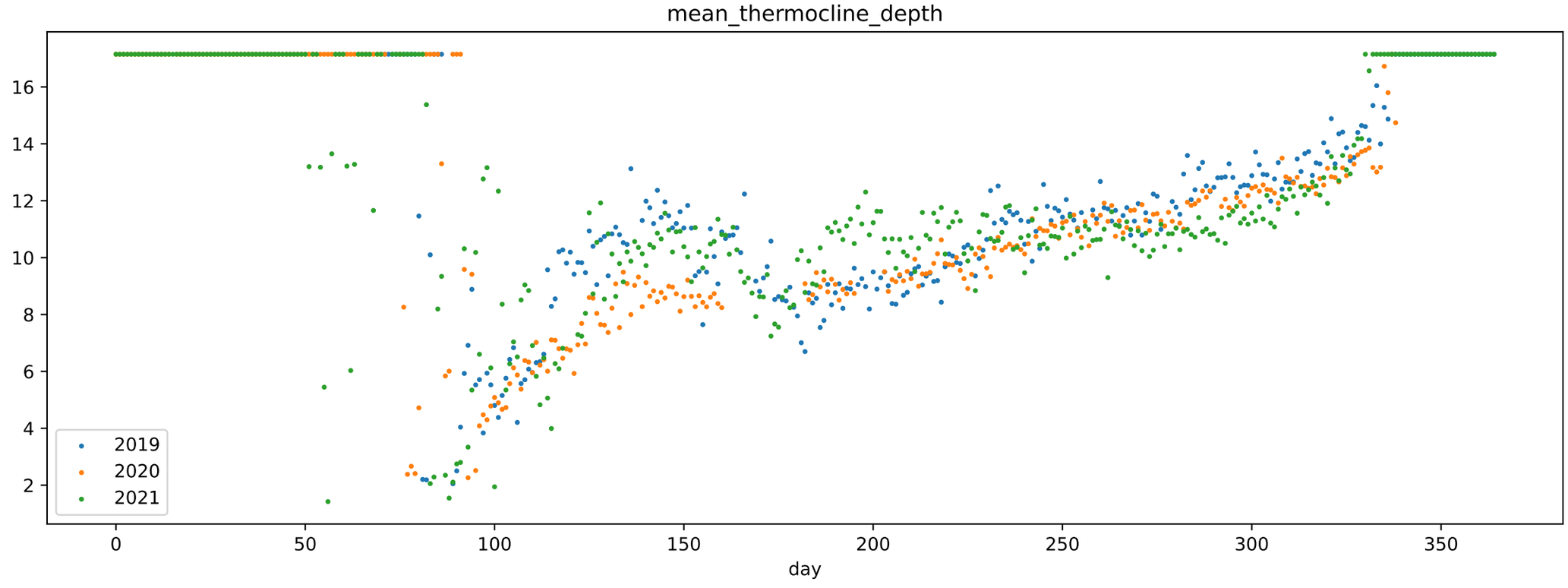
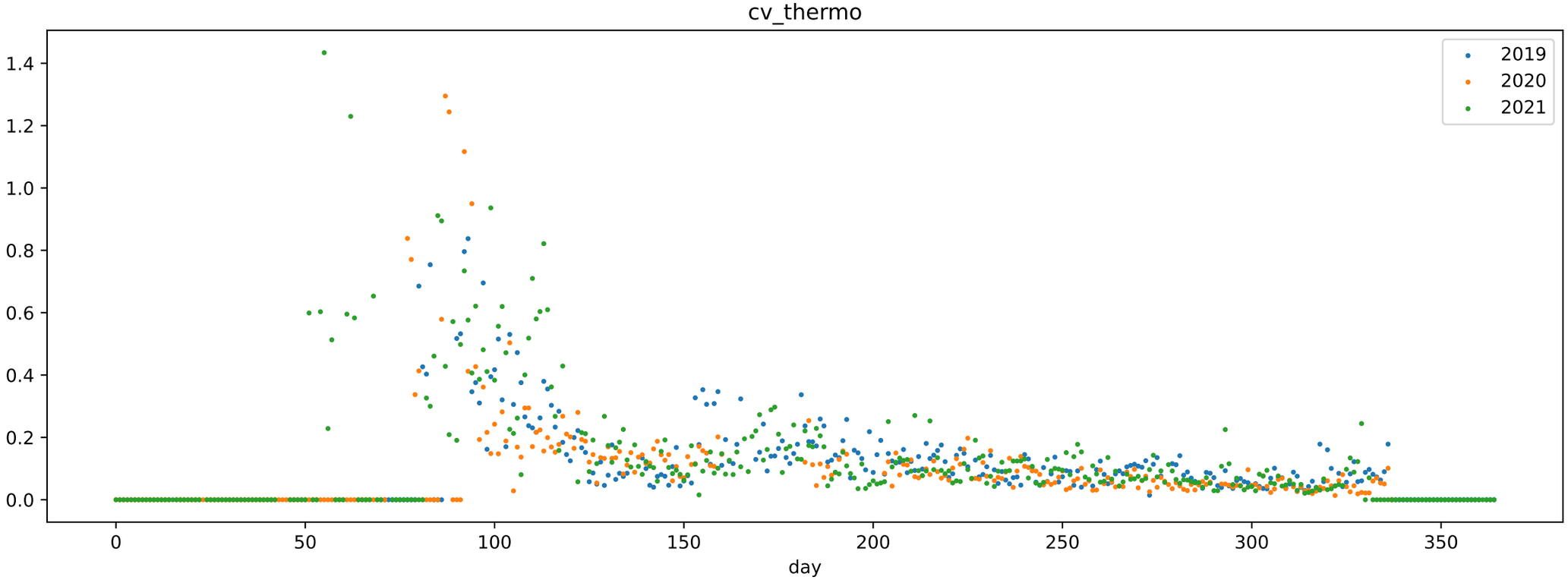
4
3
2
0
50
100
150
200
250
300
350
day


mean_thermocline_depth
16
14
12
10
8
6
4
2
0
50
100
150
200
250
300
350
day
2019
2020
2021


cv_thermo
2019
2020
2021
1.4
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1.0
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0.6
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0.0
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250
300
350
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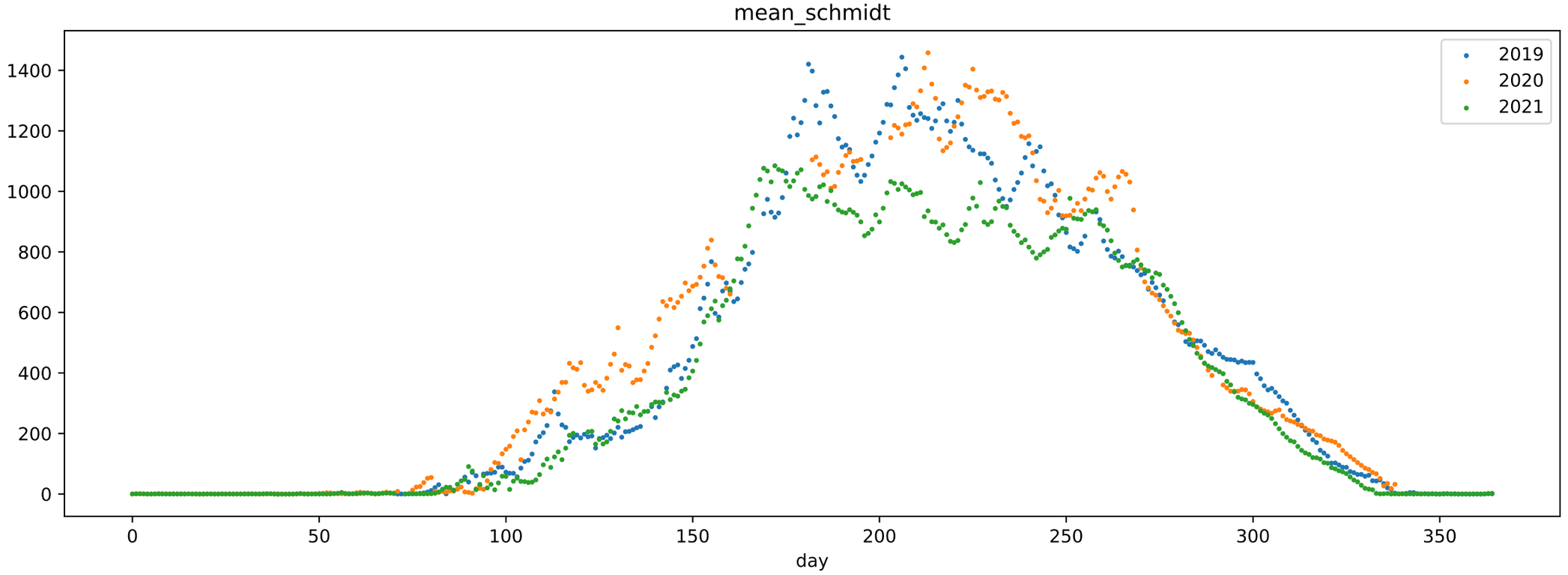
mean_schmidt
2019
2020
2021
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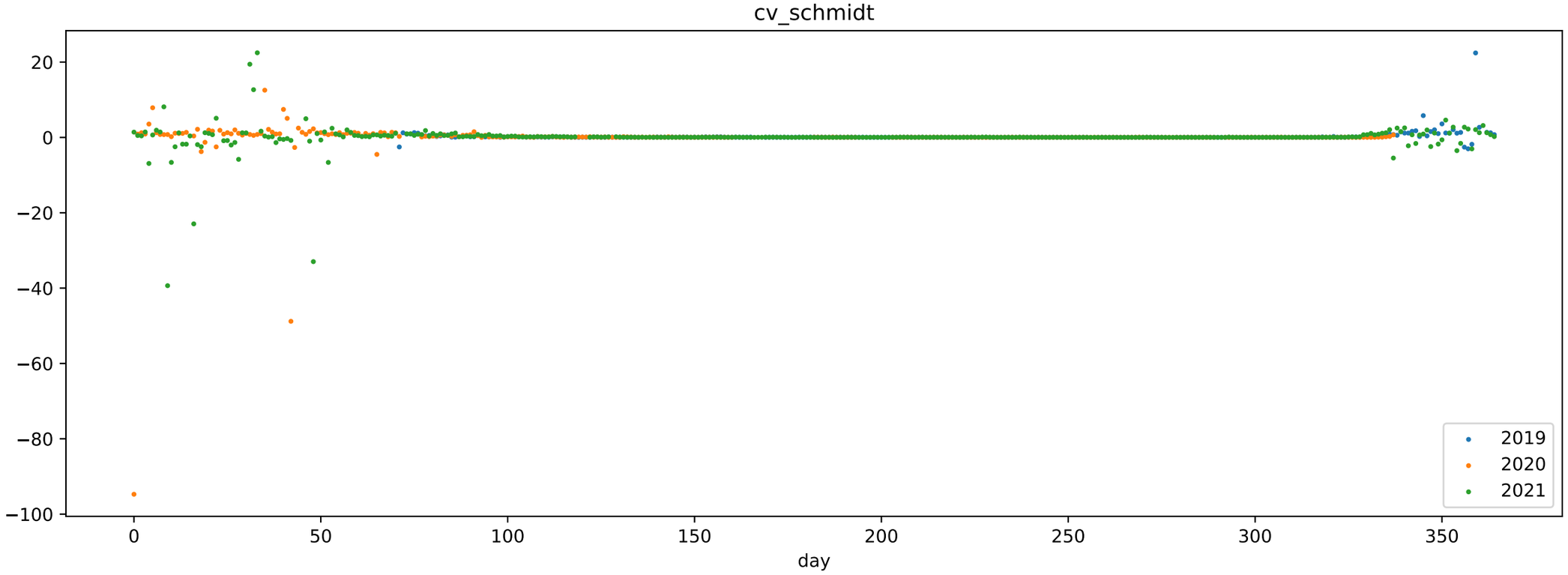
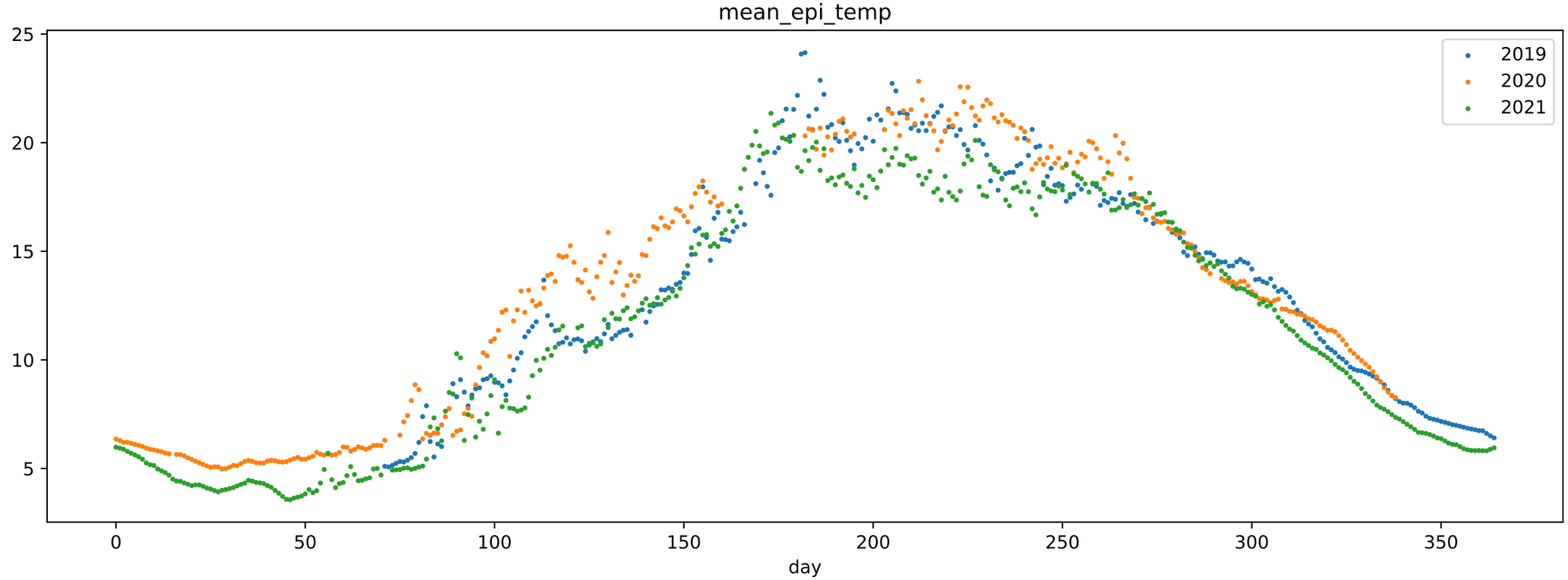
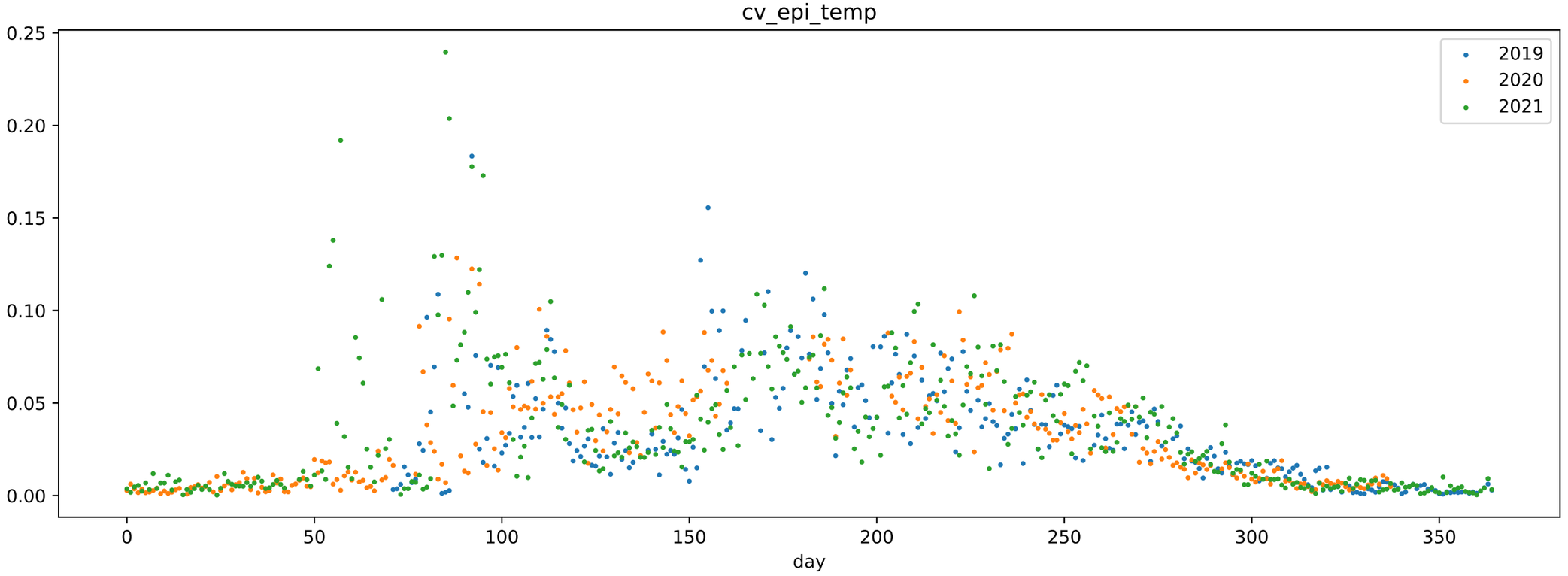
1000
800
600
400
200
0
0
50
100
150
200
250
300
350
day


cv_schmidt
20
0
−20
−40
−60
−80
−100
0
50
100
150
200
250
300
350
day
2019
2020
2021


mean_epi_temp
2019
2020
2021
25
20
15
10
5
0
50
100
150
200
250
300
350
day


cv_epi_temp
2019
2020
2021
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0.15
0.10
0.05
0.00
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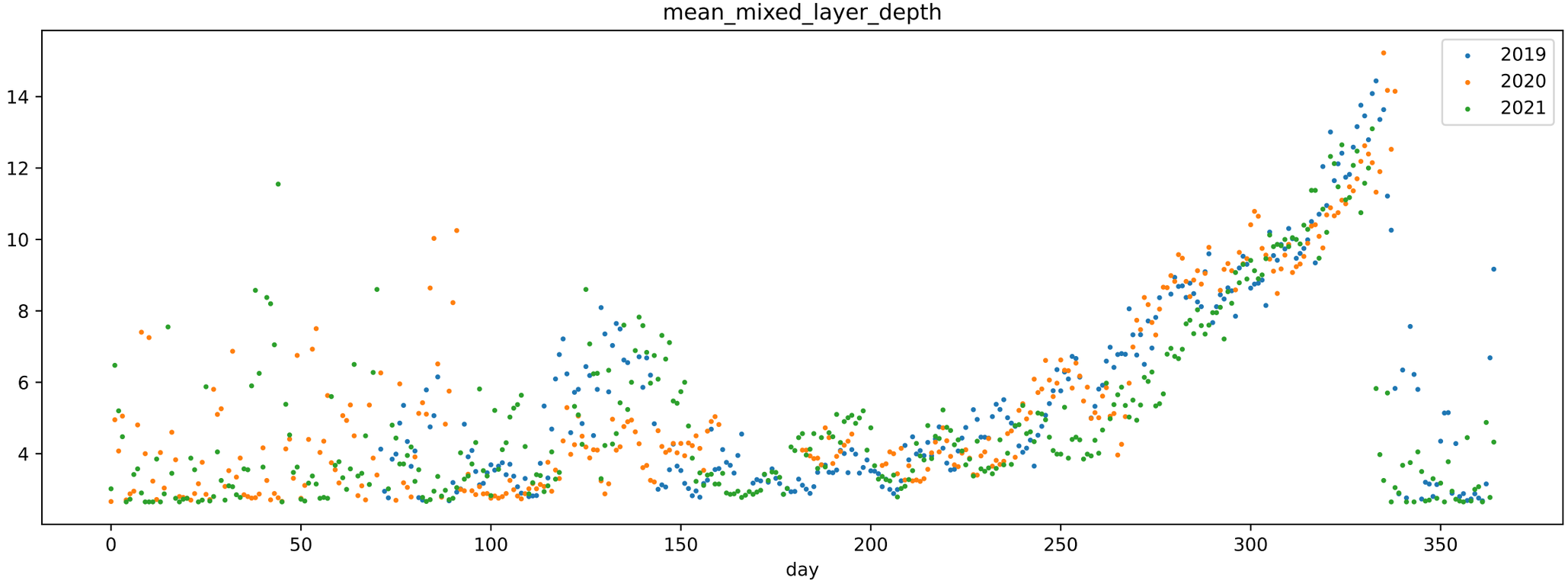
350
day


mean_mixed_layer_depth
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2021
14
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8
6
4
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50
100
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200
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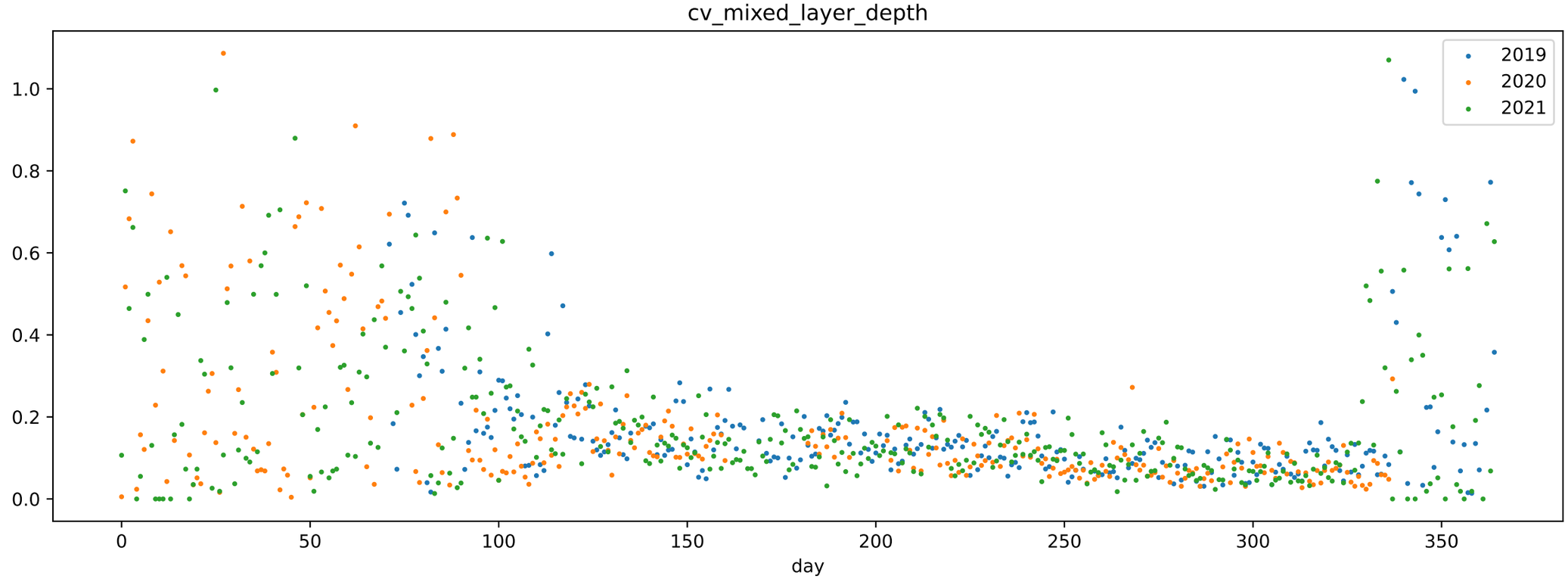
300
350
day


cv_mixed_layer_depth
2019
2020
2021
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0.6
0.4
0.2
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50
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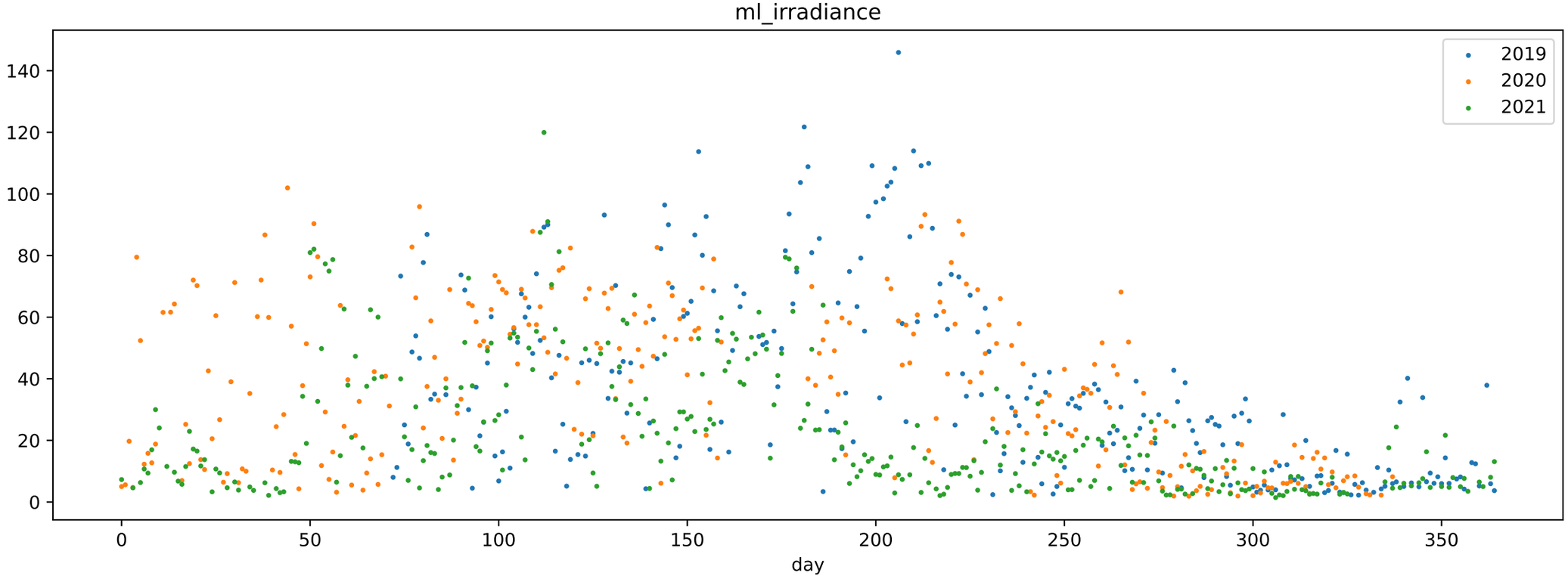
250
300
350
day


ml_irradiance
2019
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100
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20
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350
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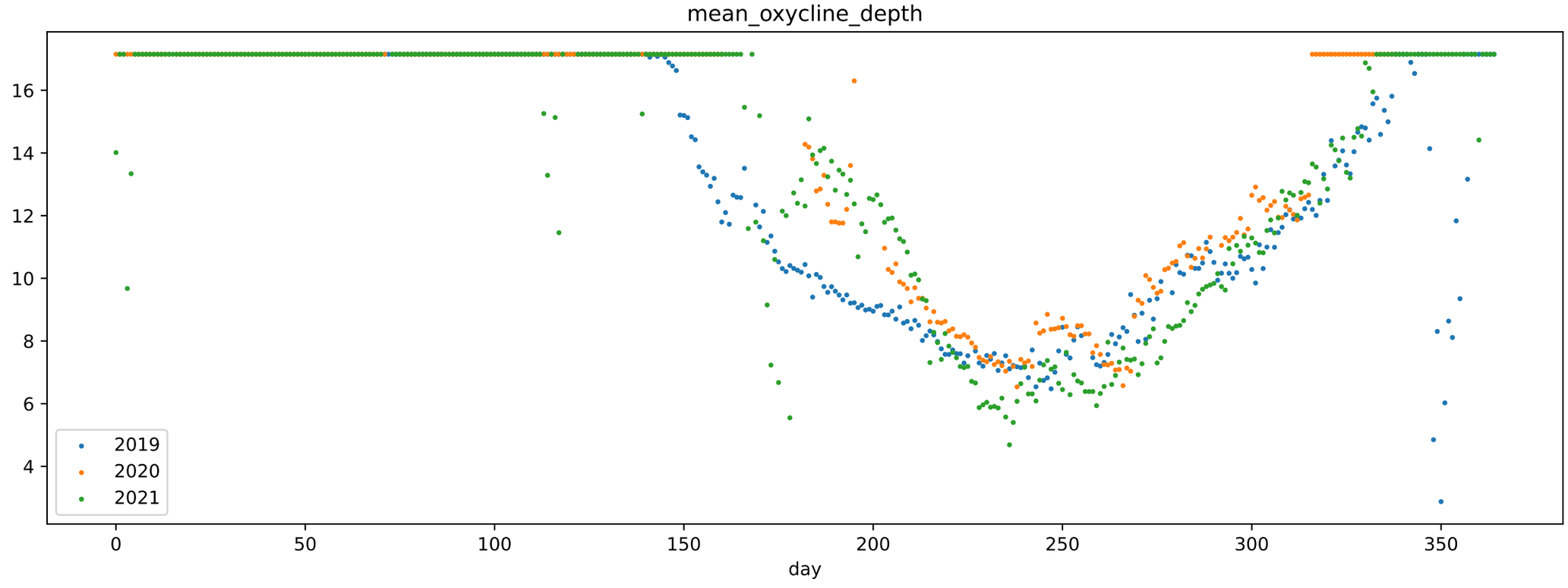
mean_oxycline_depth
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4
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2021
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50
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250
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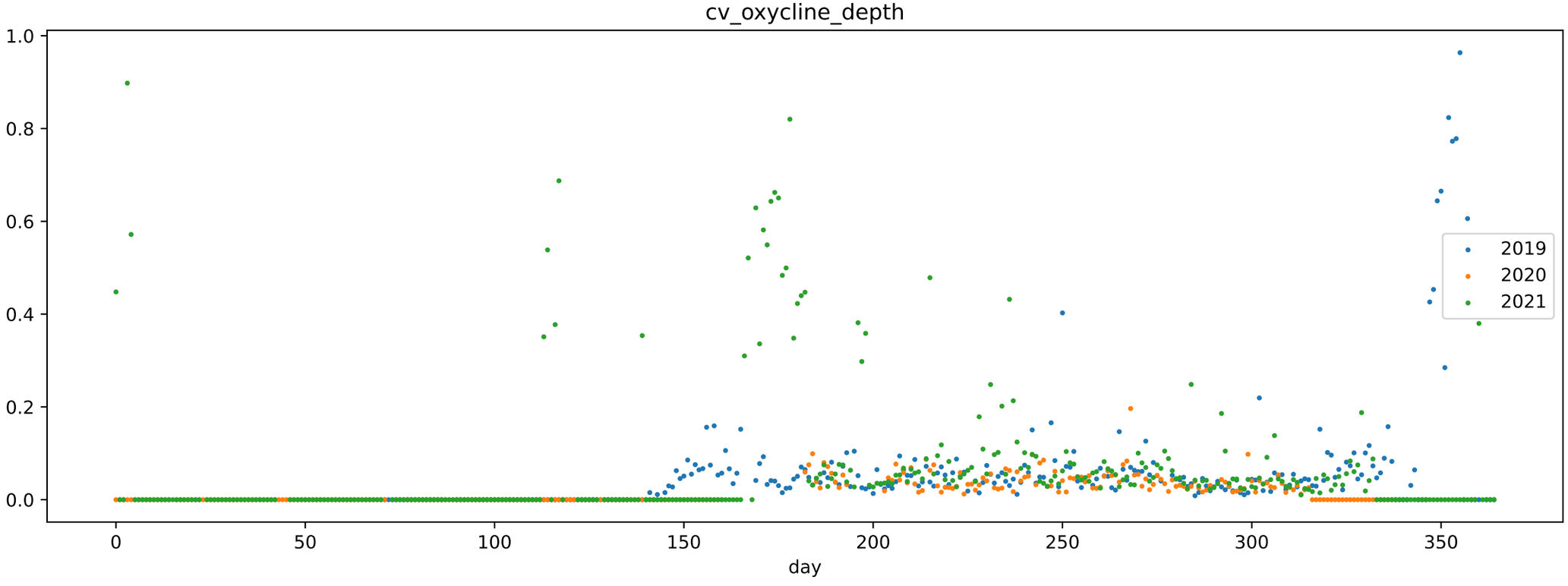
day


cv_oxycline_depth
1.0
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day
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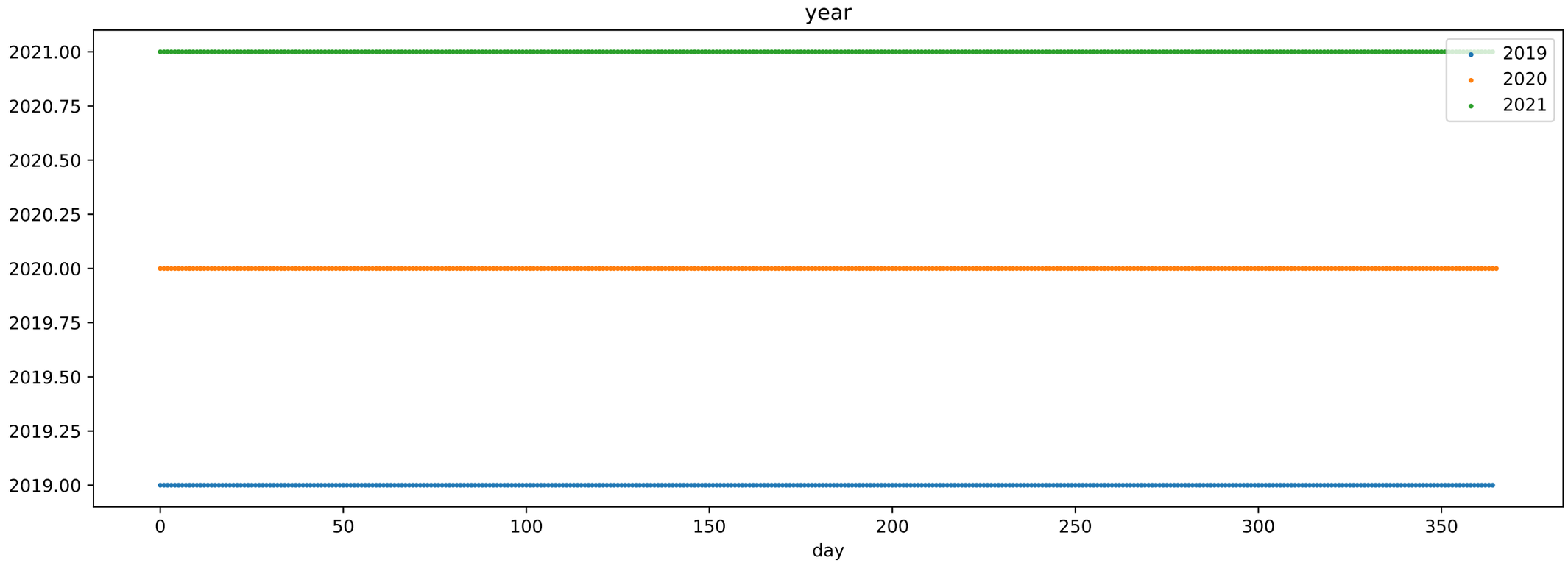
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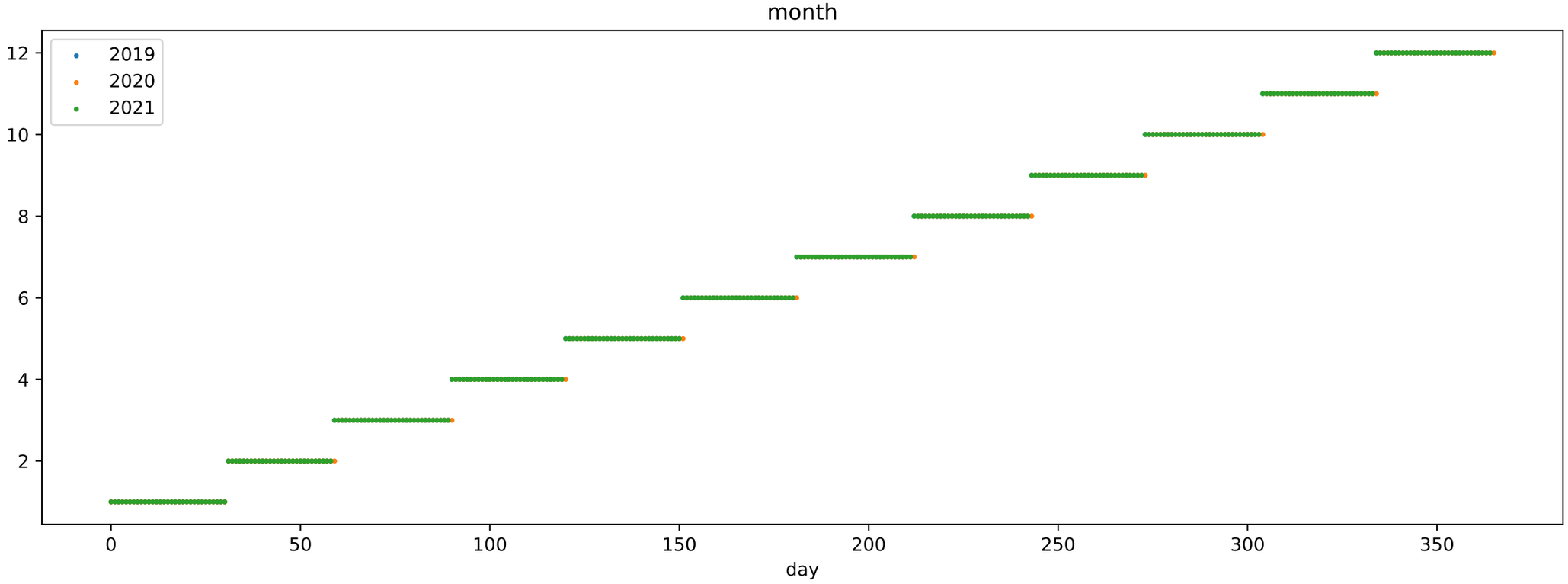
day
2019
2020
2021


month
2019
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2021
12
10
8
6
4
2
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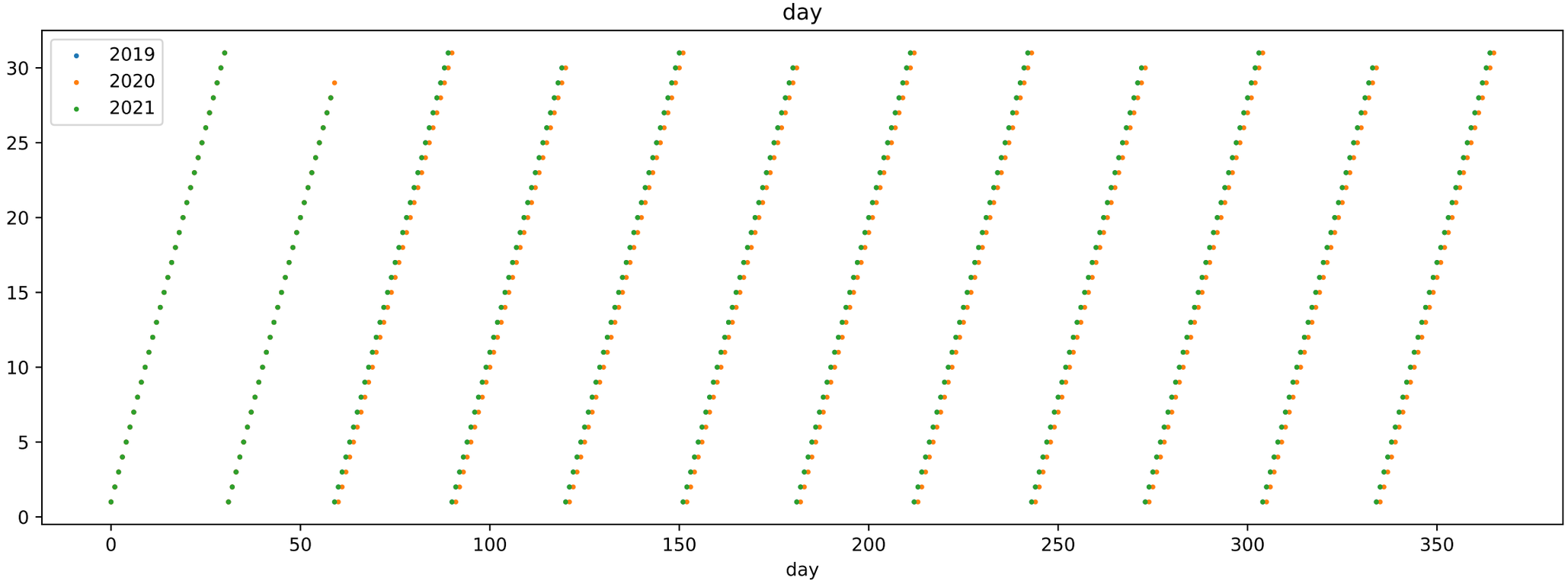
50
100
150
200
250
300
350
day


day
2019
2020
2021
30
25
20
15
10
5
0
0
50
100
150
200
250
300
350
day