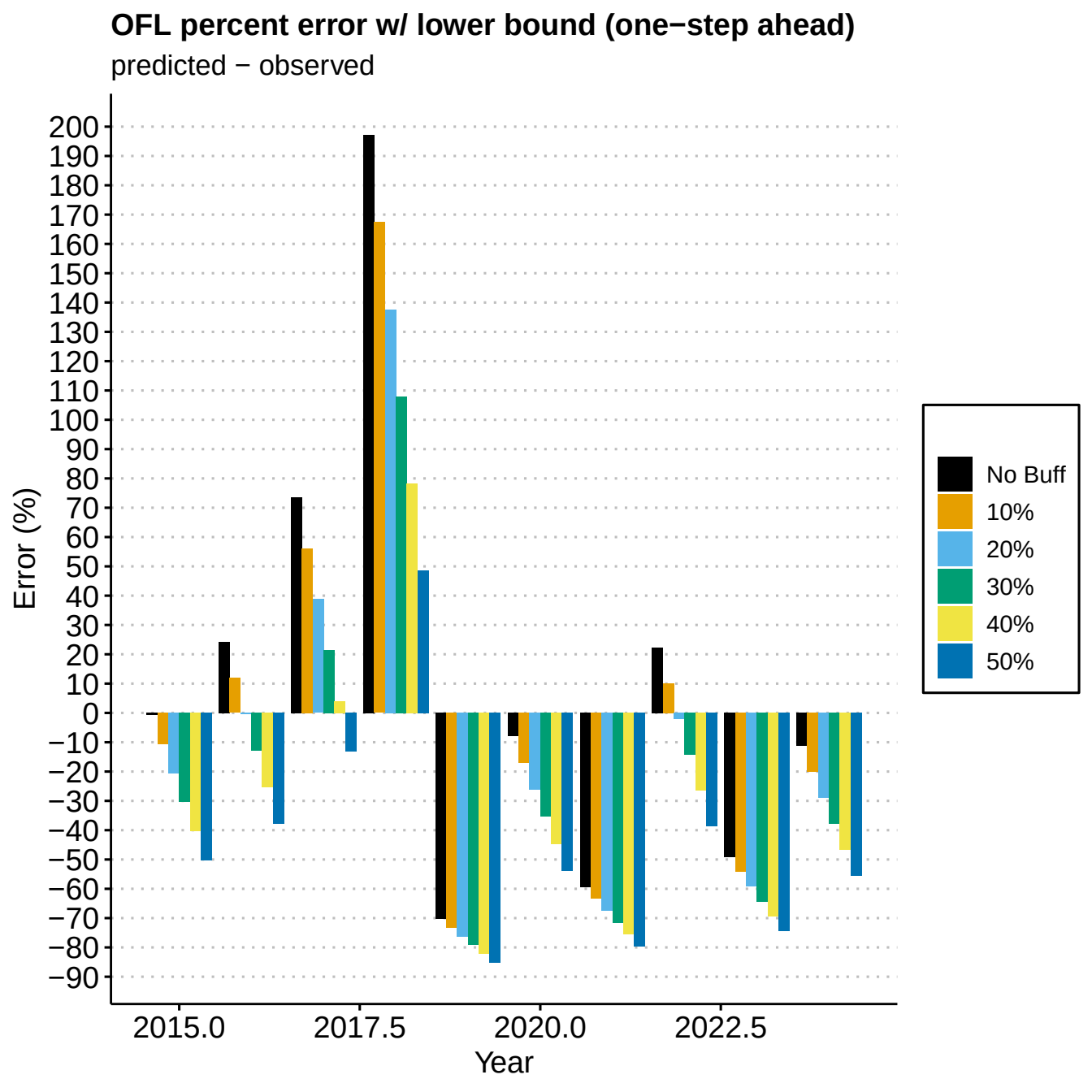
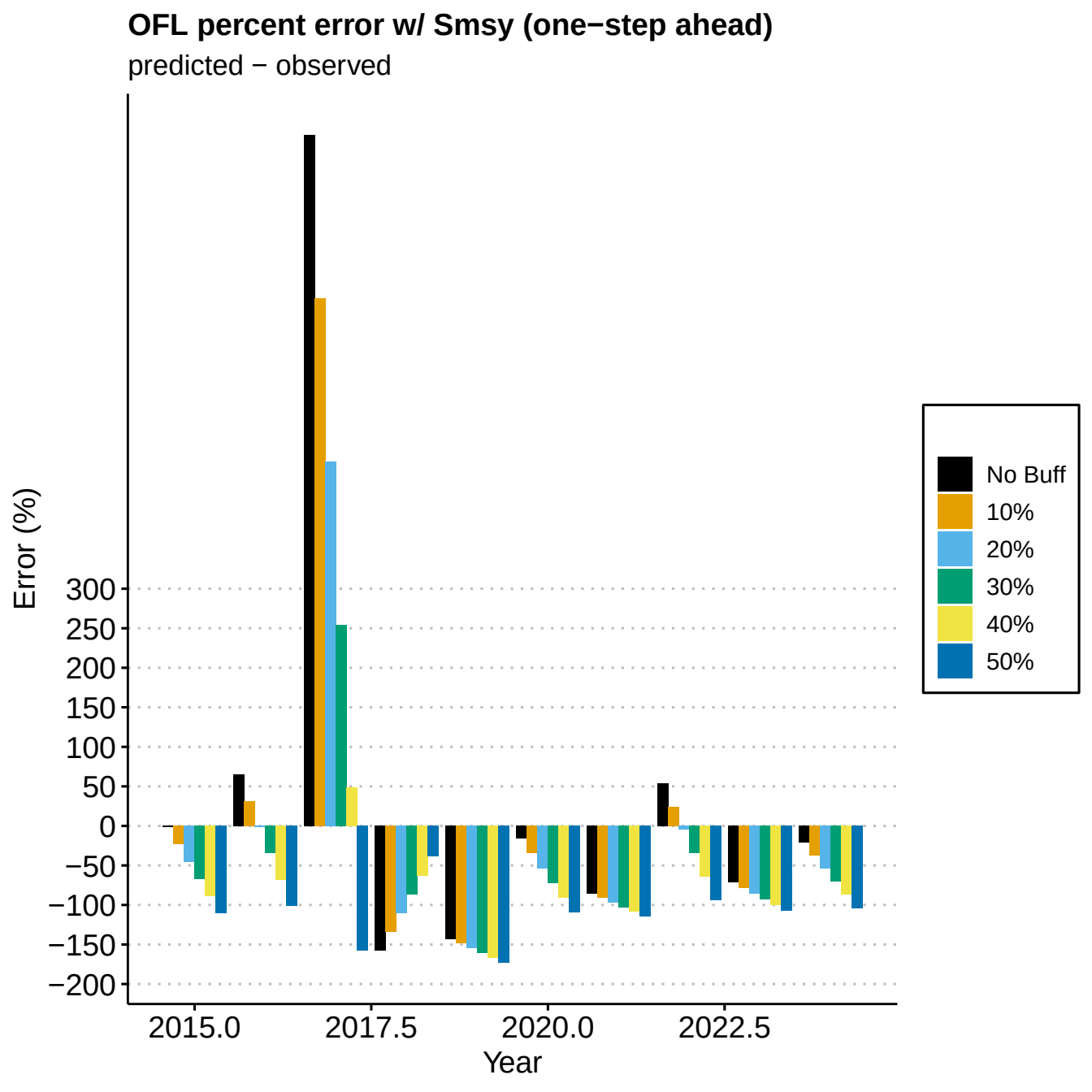
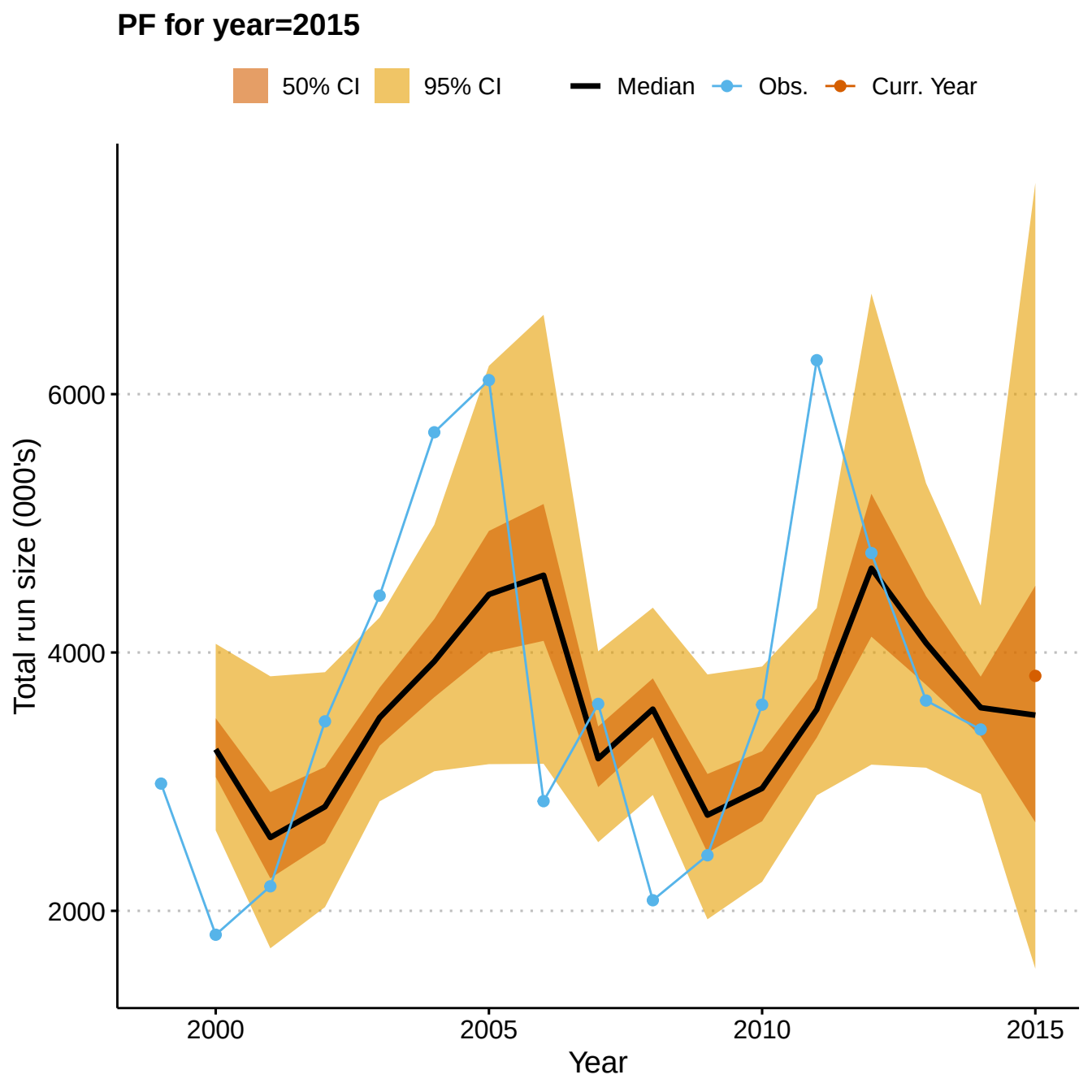
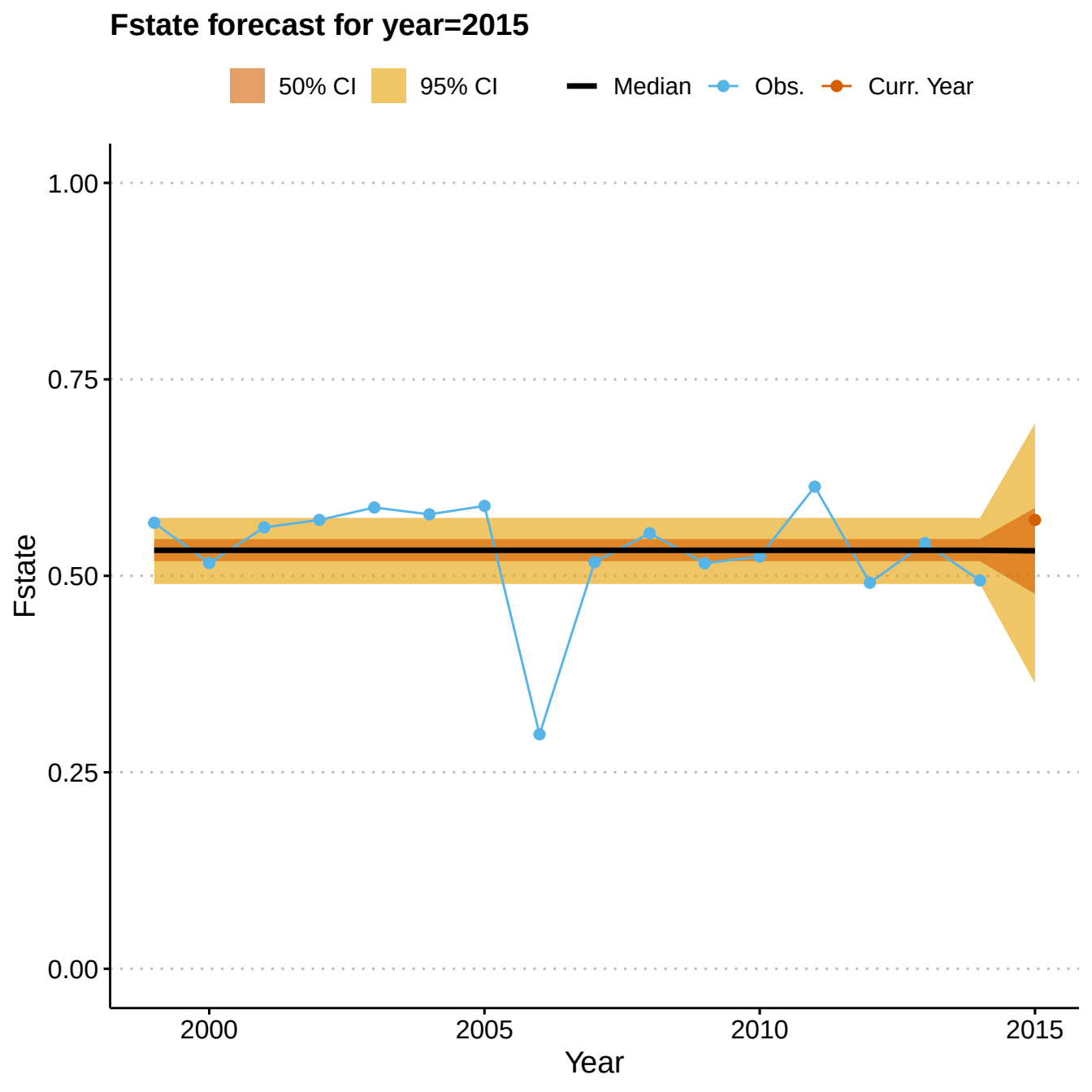
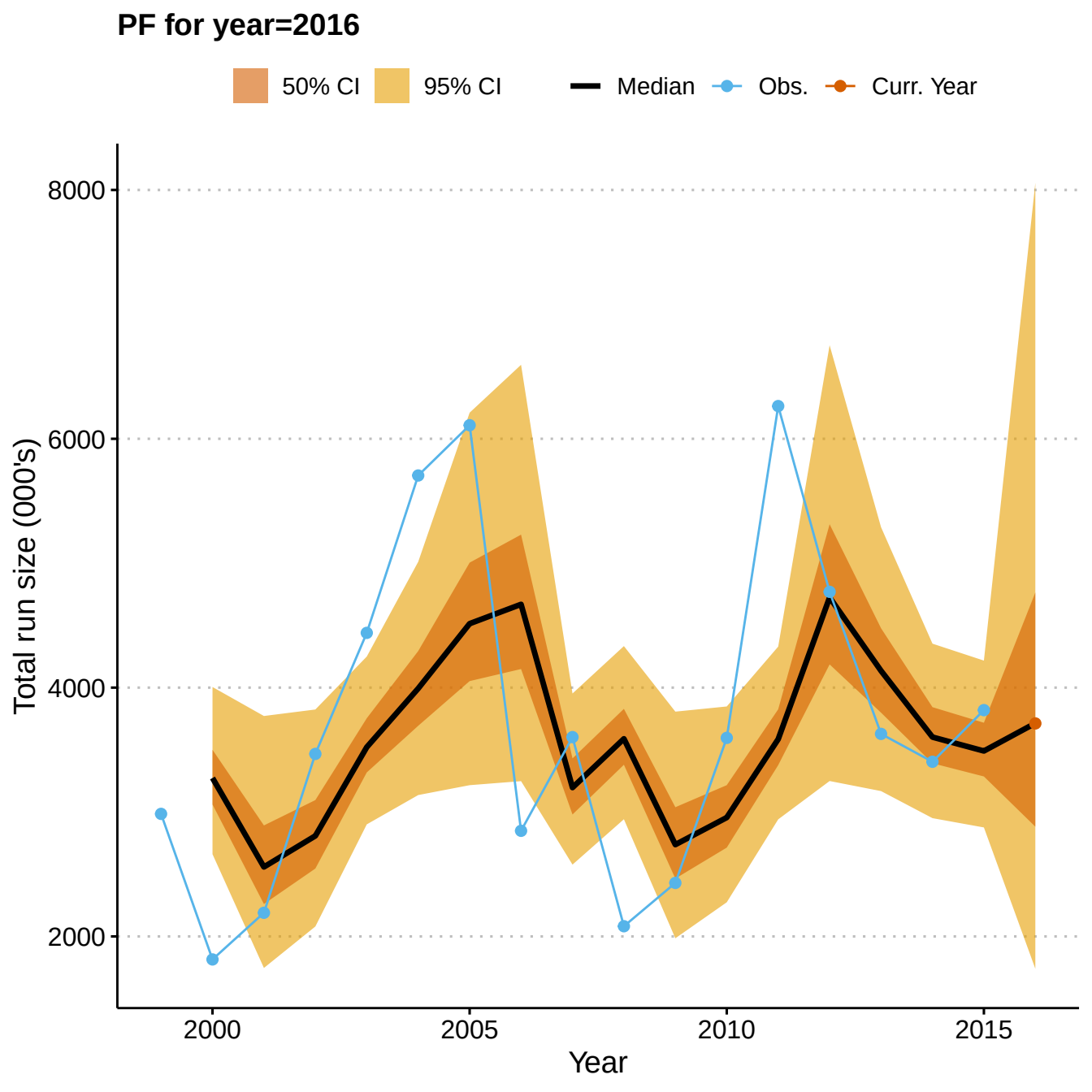
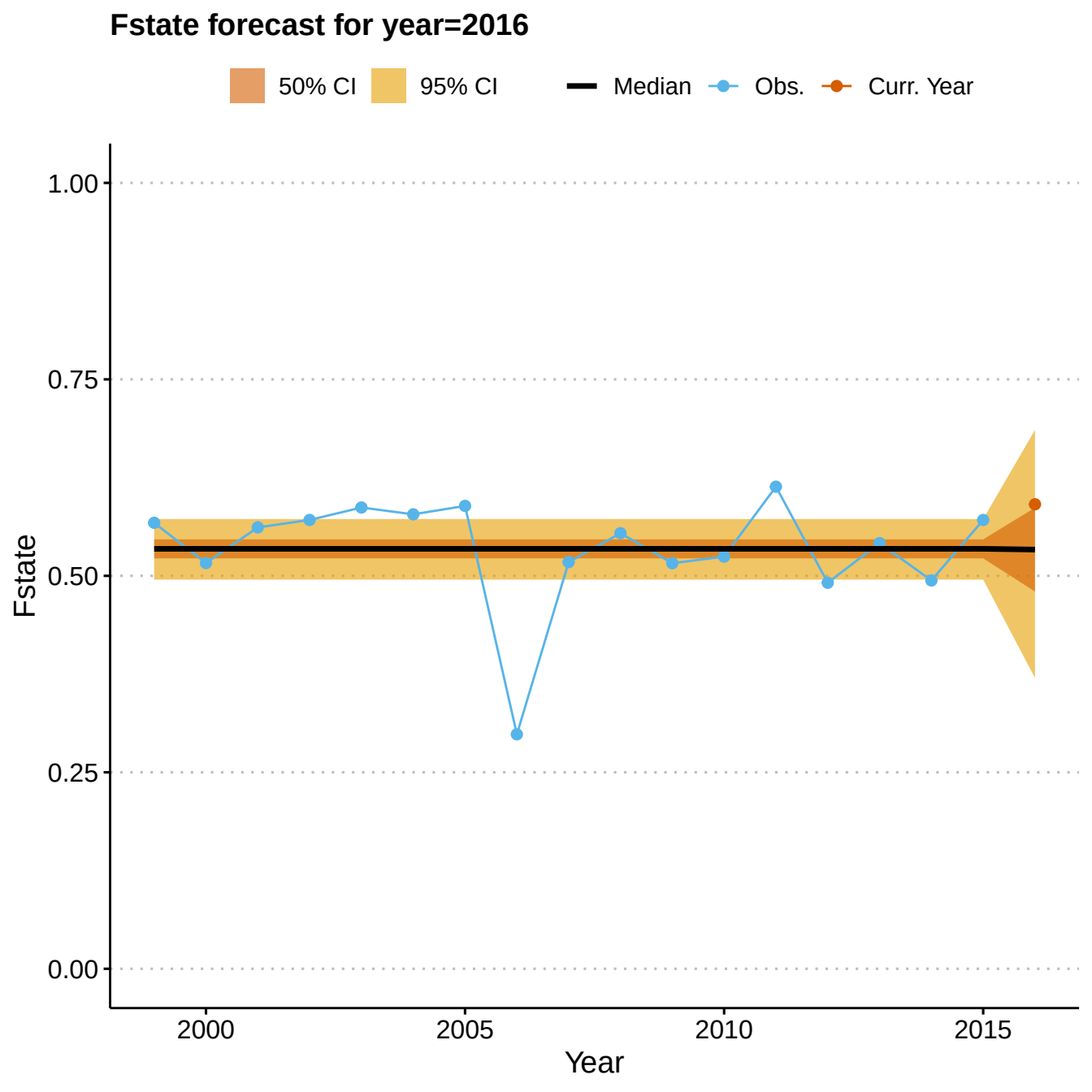

OFL percent error w/ lower bound (one−step ahead)
predicted − observed
Error (%)
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
−10
−20
−30
−40
−50
−60
−70
−80
−90
2015.0
2017.5
2020.0
2022.5
Year
No Buff
10%
20%
30%
40%
50%

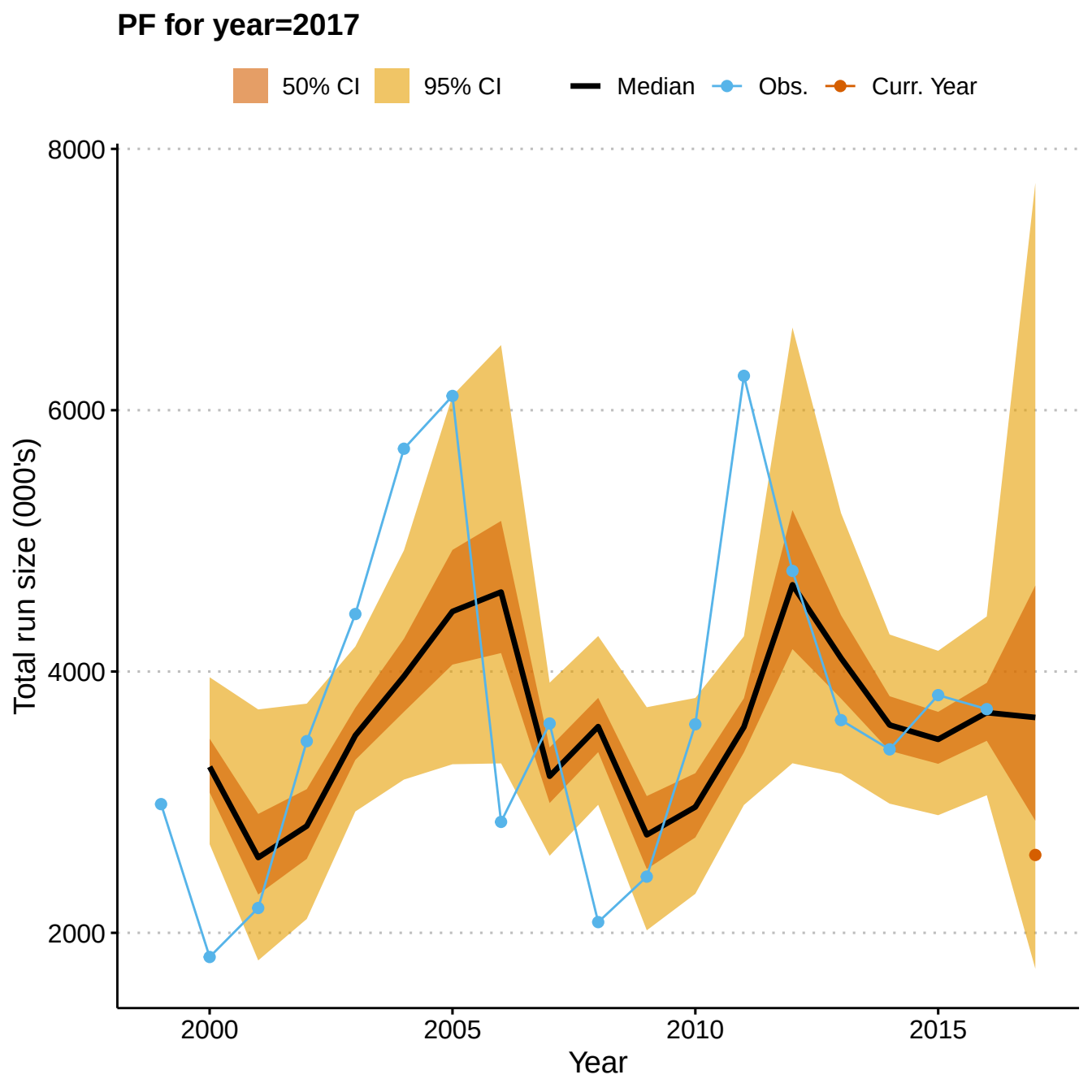

OFL percent error w/ Smsy (one−step ahead)
predicted − observed
Error (%)
300
250
200
150
100
50
0
−50
−100
−150
−200
2015.0
2017.5
2020.0
2022.5
Year
No Buff
10%
20%
30%
40%
50%

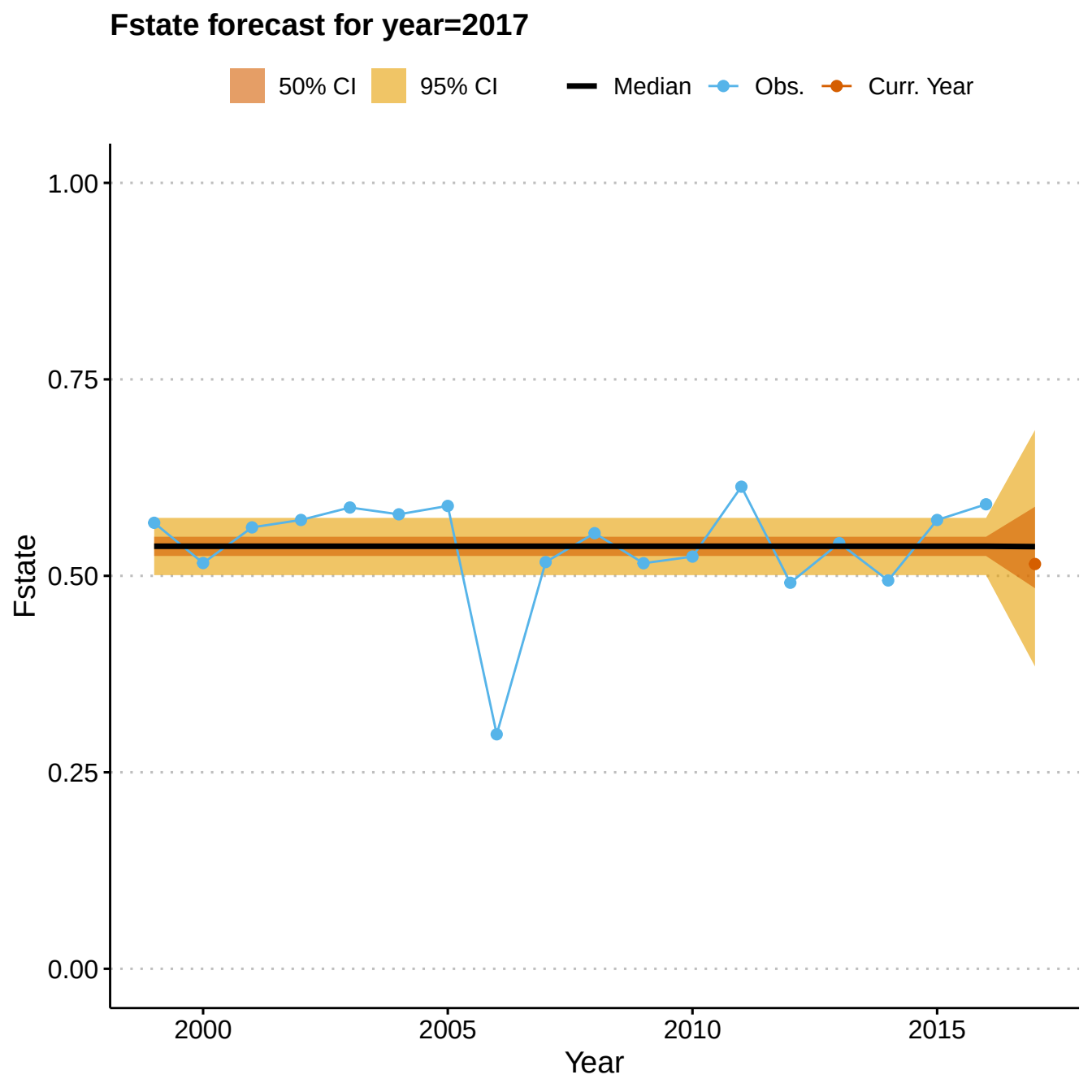

PF for year=2015
50% CI
95% CI
Median
Obs.
Curr. Year
Total run size (000's)
6000
4000
2000
2000
2005
2010
2015
Year

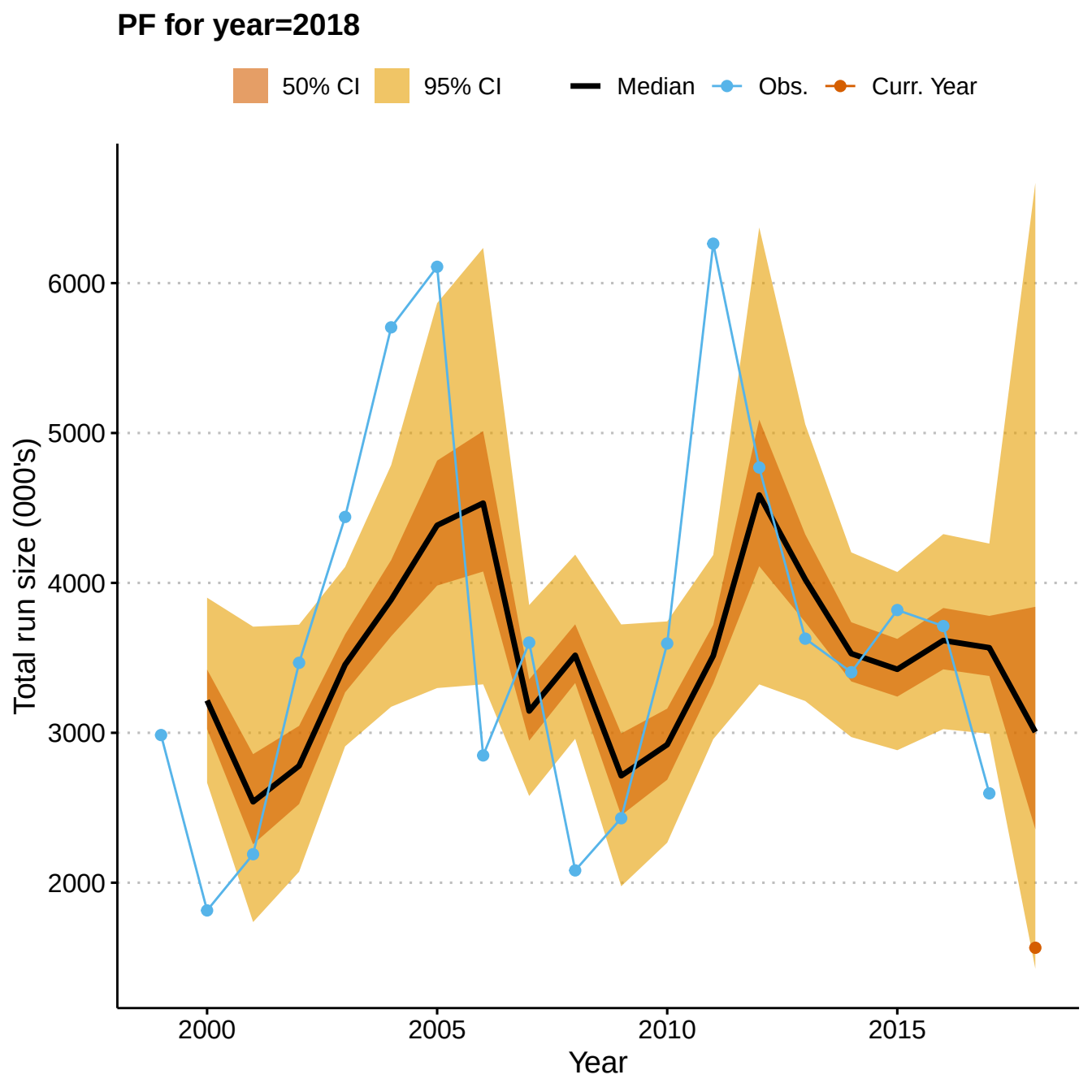

Fstate forecast for year=2015
50% CI
95% CI
Median
Obs.
Curr. Year
1.00
0.75
0.50
0.25
0.00
Fstate
2000
2005
2010
2015
Year

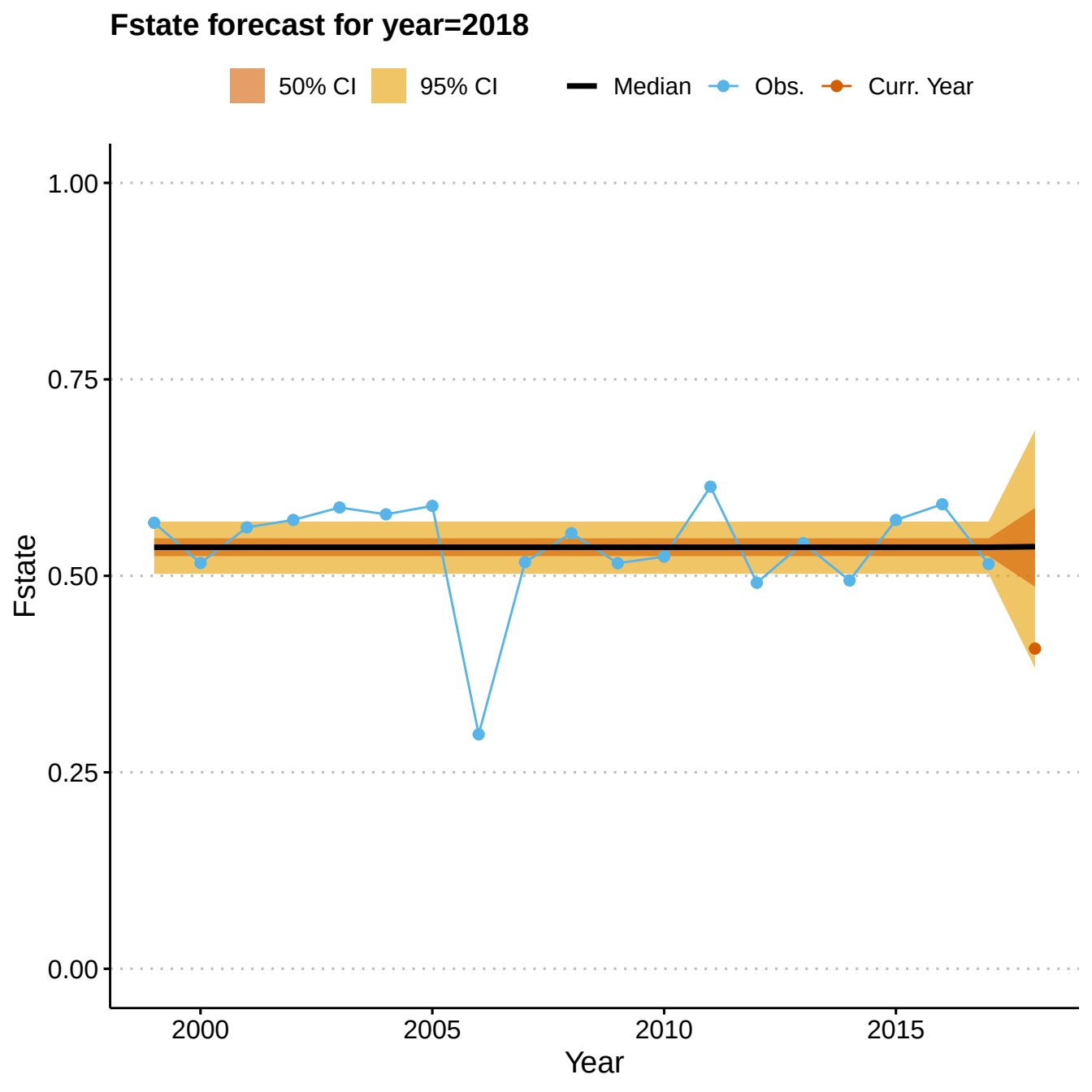

PF for year=2016
50% CI
95% CI
Median
Obs.
Curr. Year
Total run size (000's)
8000
6000
4000
2000
2000
2005
2010
2015
Year

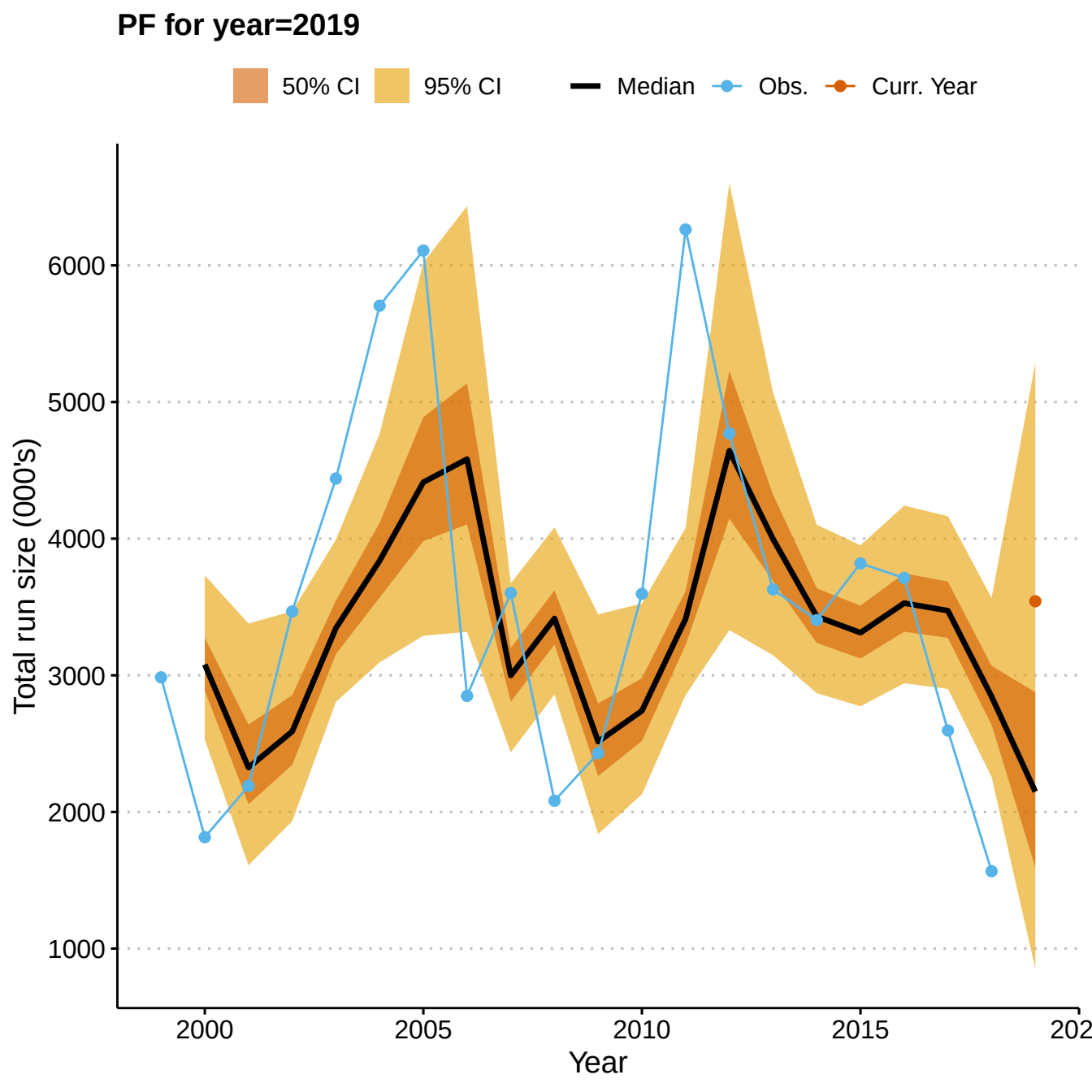

Fstate forecast for year=2016
50% CI
95% CI
Median
Obs.
Curr. Year
1.00
0.75
0.50
0.25
0.00
Fstate
2000
2005
2010
2015
Year

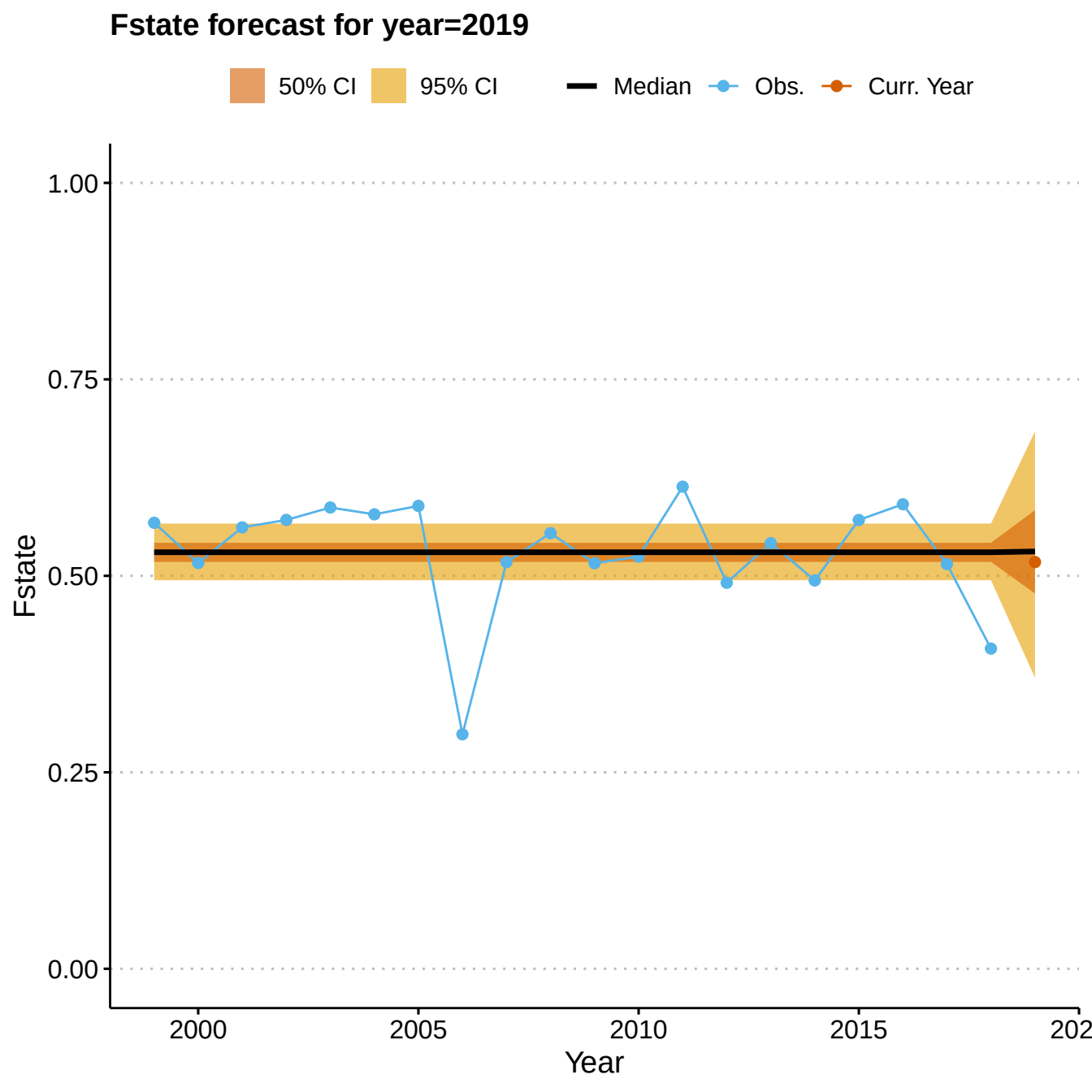

PF for year=2017
50% CI
95% CI
Median
Obs.
Curr. Year
8000
6000
4000
2000
Total run size (000's)
2000
2005
2010
2015
Year

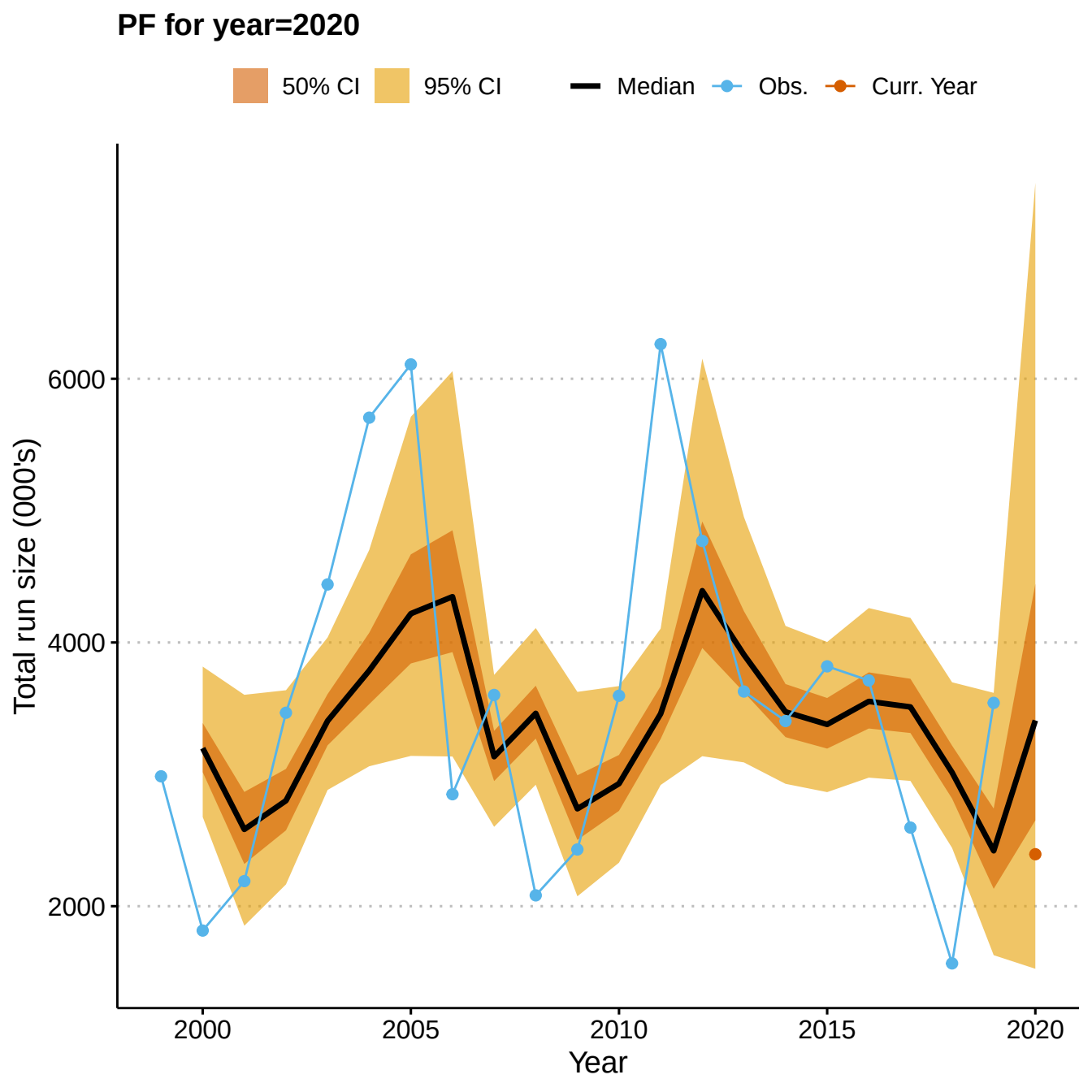

Fstate forecast for year=2017
50% CI
95% CI
Median
Obs.
Curr. Year
1.00
0.75
0.50
0.25
0.00
Fstate
2000
2005
2010
2015
Year

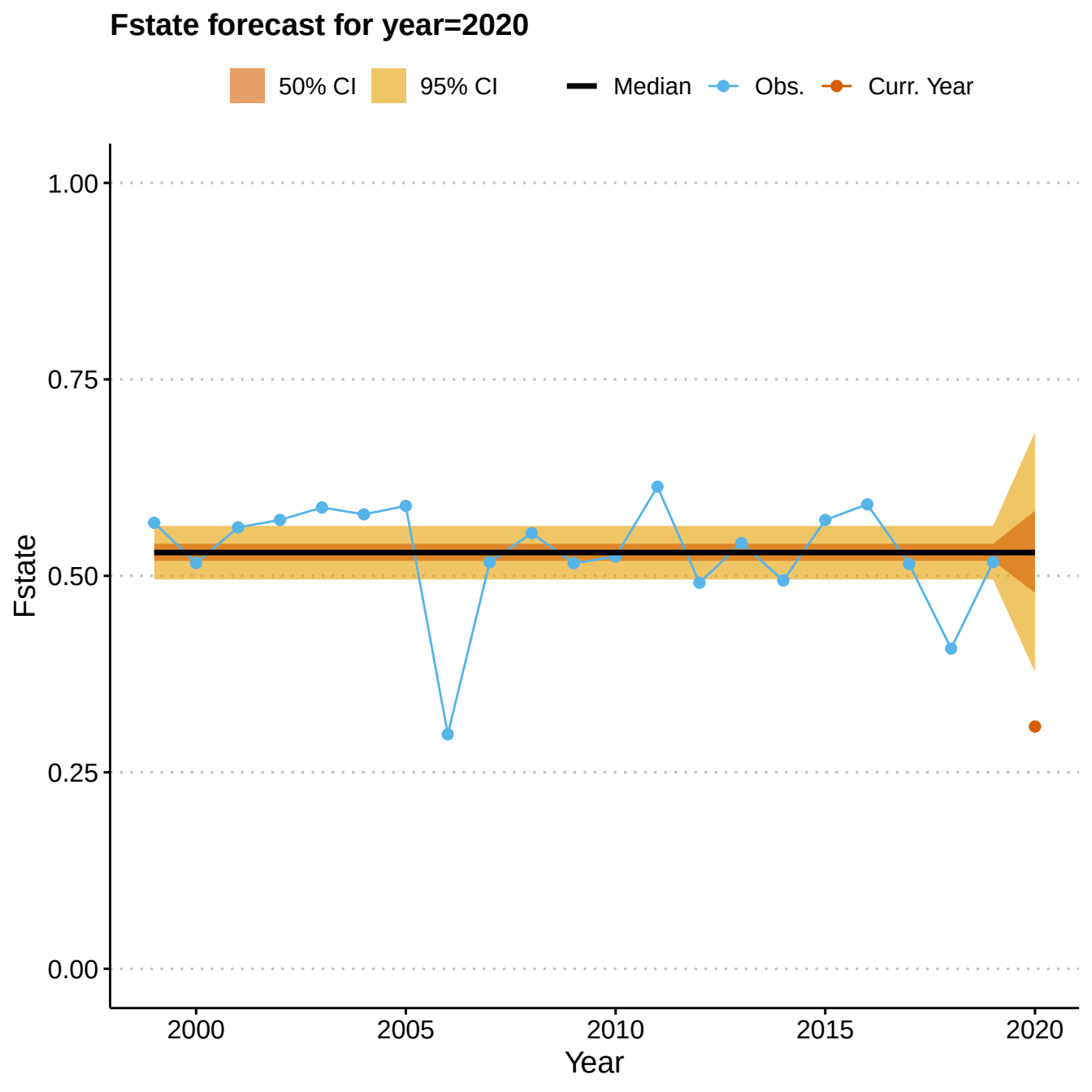

PF for year=2018
50% CI
95% CI
Median
Obs.
Curr. Year
Total run size (000's)
6000
5000
4000
3000
2000
2000
2005
2010
2015
Year

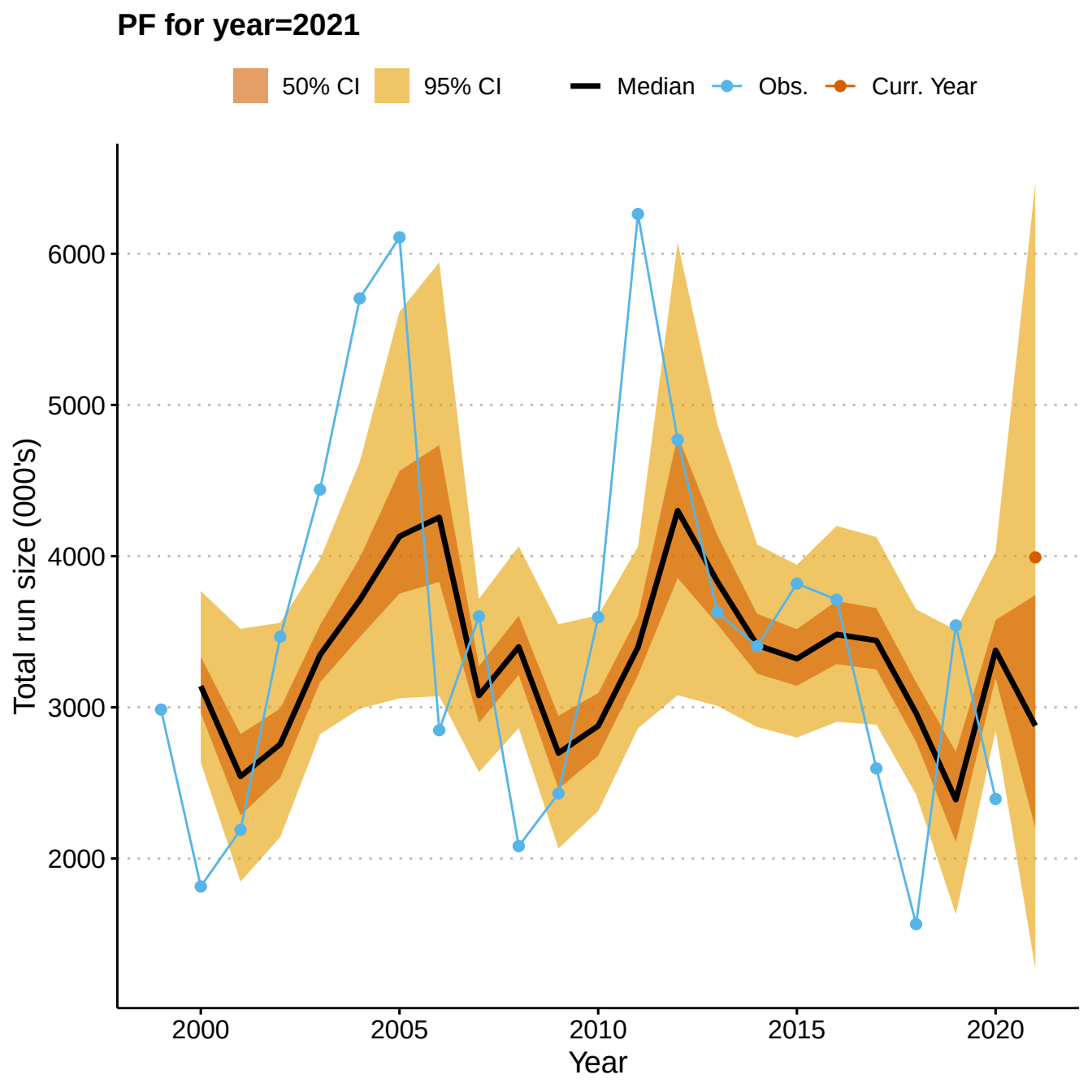

Fstate forecast for year=2018
50% CI
95% CI
Median
Obs.
Curr. Year
1.00
0.75
0.50
0.25
0.00
Fstate
2000
2005
2010
2015
Year

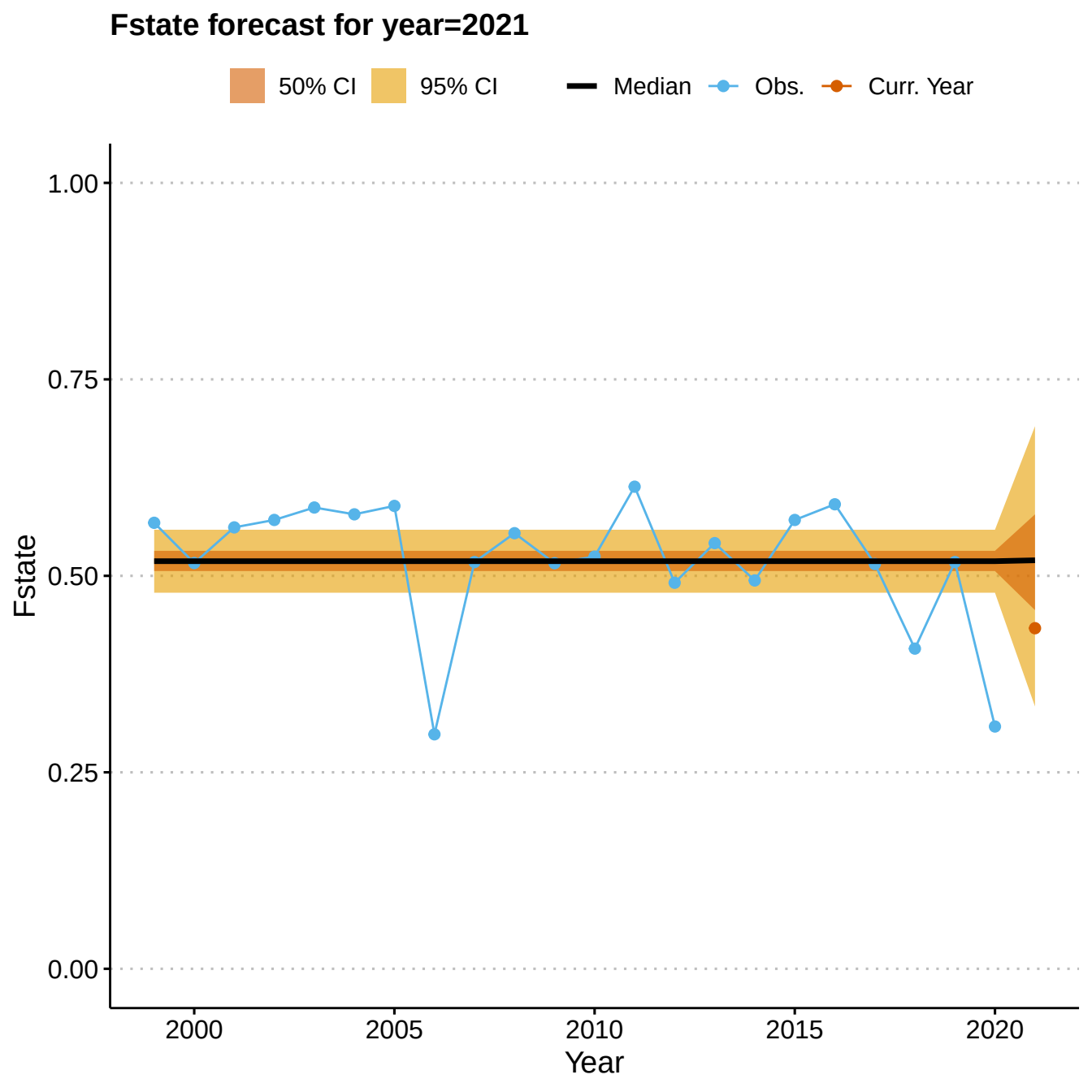

PF for year=2019
50% CI
95% CI
Median
Obs.
Curr. Year
Total run size (000's)
6000
5000
4000
3000
2000
1000
2000
2005
2010
2015
Year

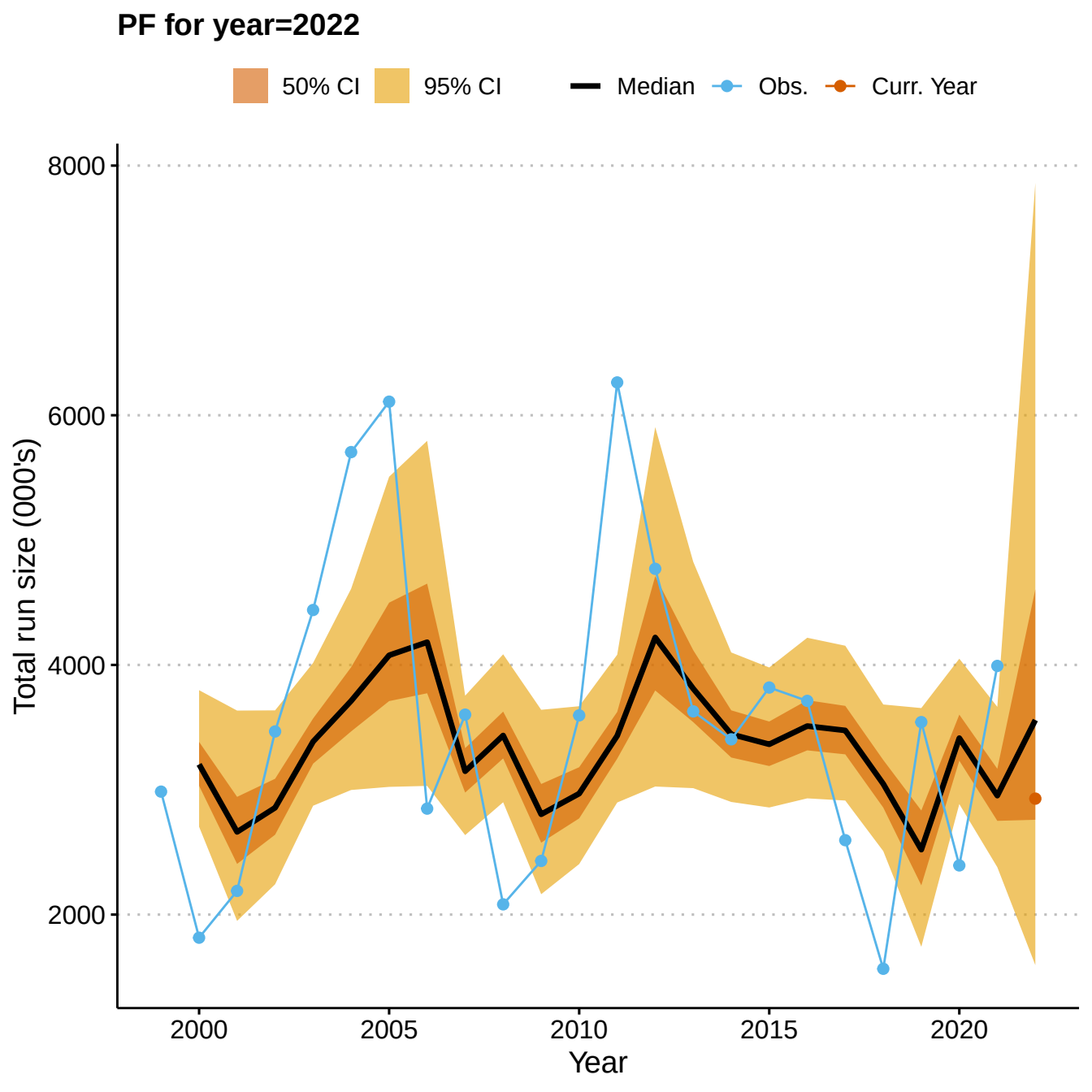

Fstate forecast for year=2019
50% CI
95% CI
Median
Obs.
Curr. Year
1.00
0.75
0.50
0.25
0.00
Fstate
2000
2005
2010
2015
202
Year

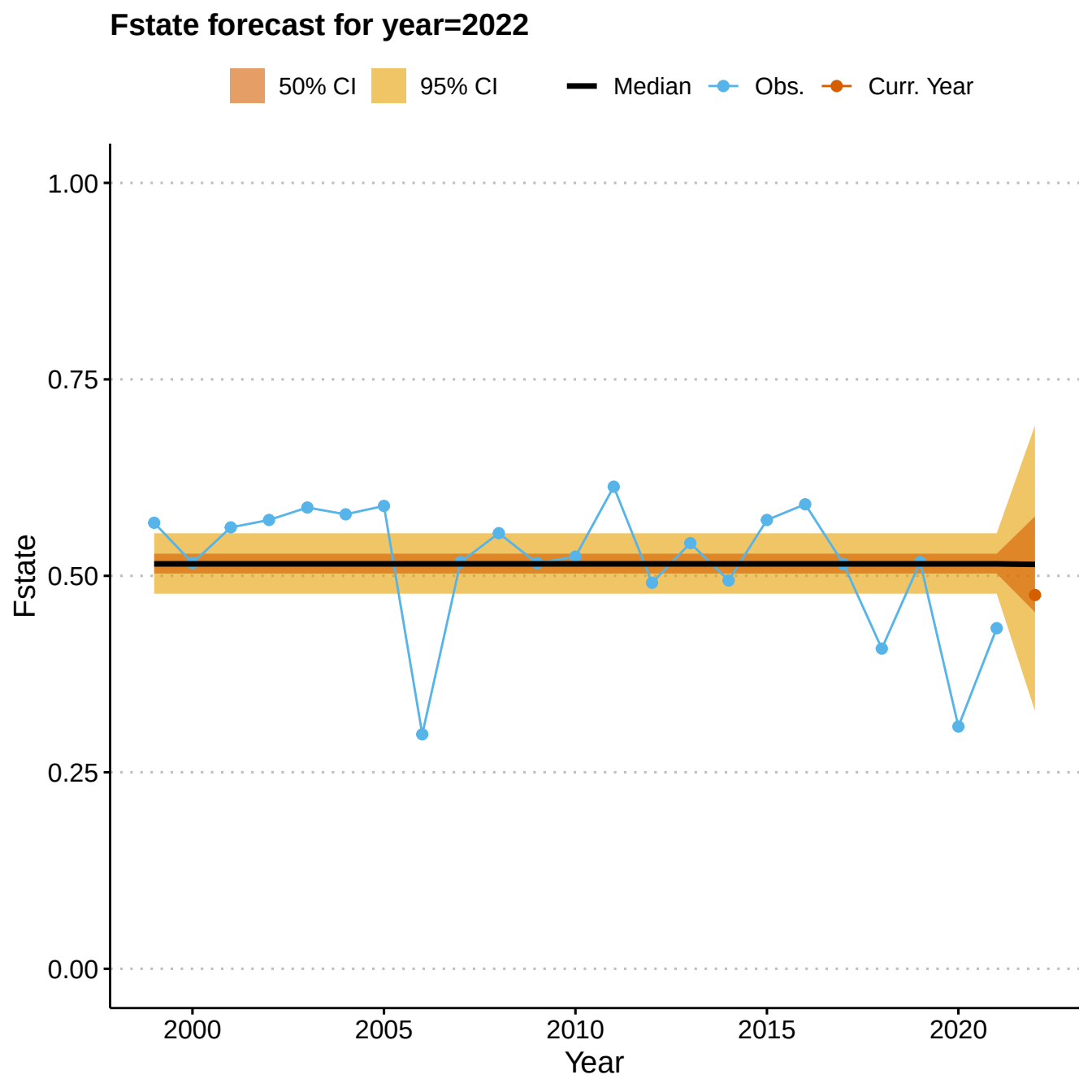

PF for year=2020
50% CI
95% CI
Median
Obs.
Curr. Year
Total run size (000's)
6000
4000
2000
2000
2005
2010
2015
2020
Year

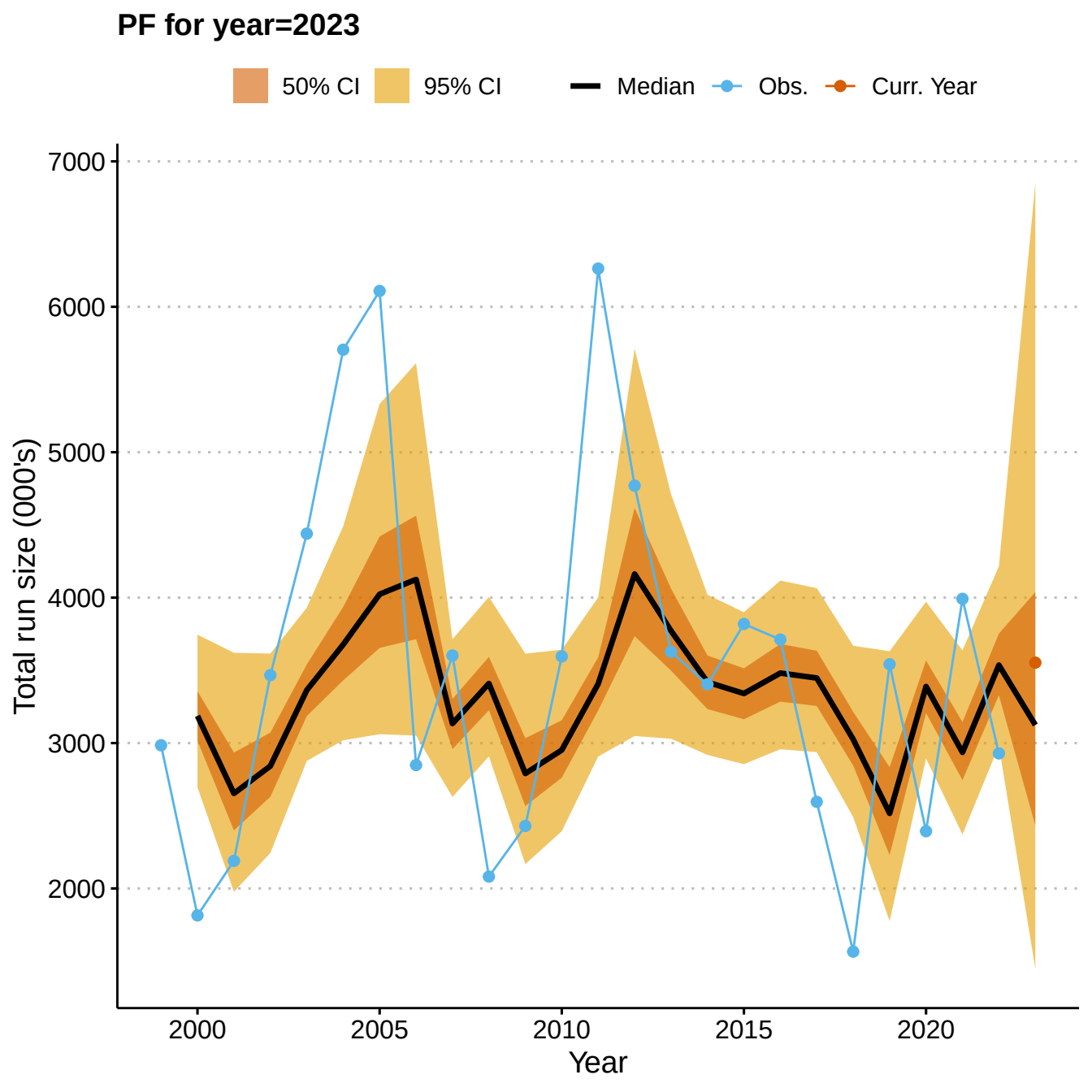

Fstate forecast for year=2020
50% CI
95% CI
Median
Obs.
Curr. Year
1.00
0.75
0.50
0.25
0.00
Fstate
2000
2005
2010
2015
2020
Year

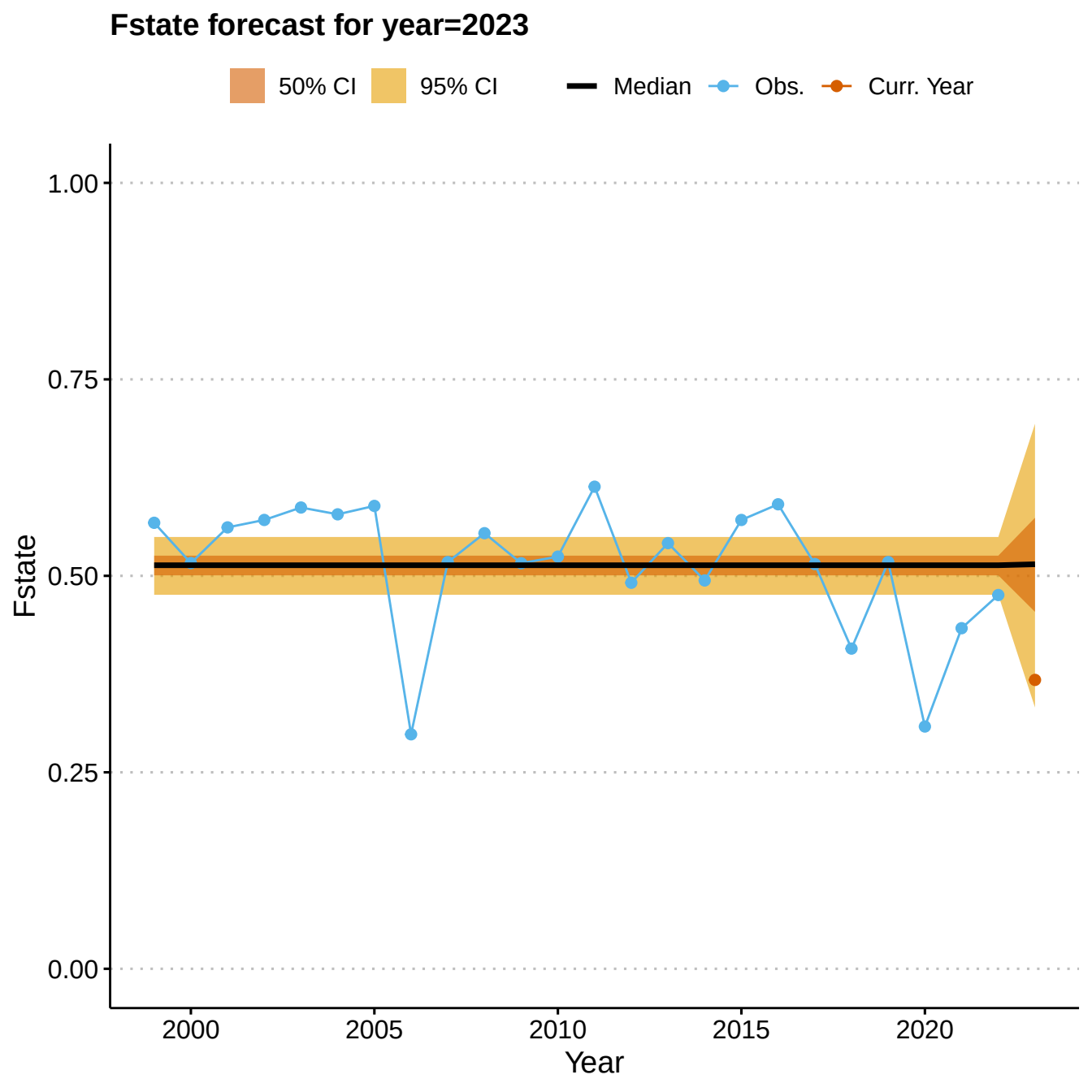

PF for year=2021
50% CI
95% CI
Median
Obs.
Curr. Year
Total run size (000's)
6000
5000
4000
3000
2000
2000
2005
2010
2015
2020
Year

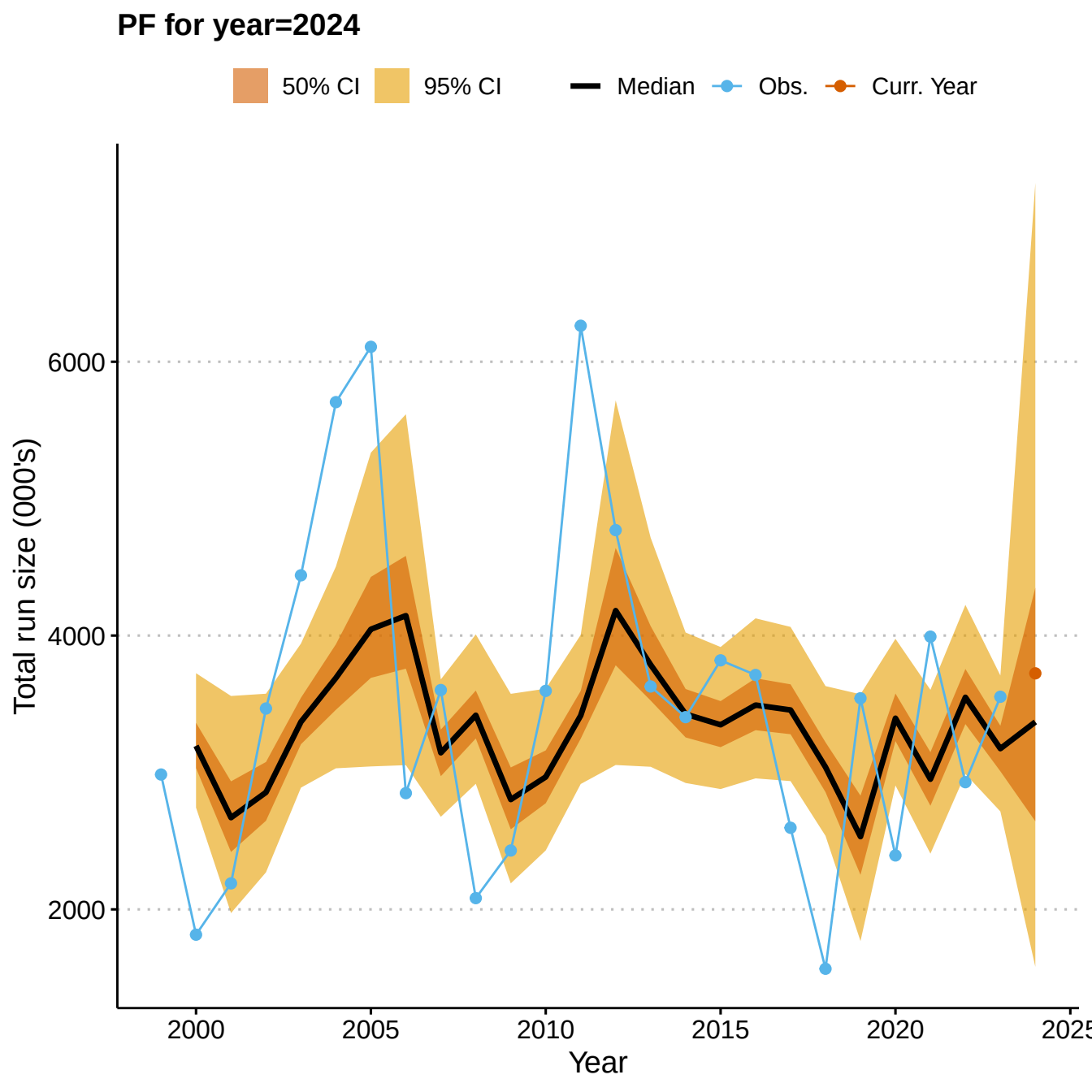

Fstate forecast for year=2021
50% CI
95% CI
Median
Obs.
Curr. Year
1.00
0.75
0.50
0.25
0.00
Fstate
2000
2005
2010
2015
2020
Year

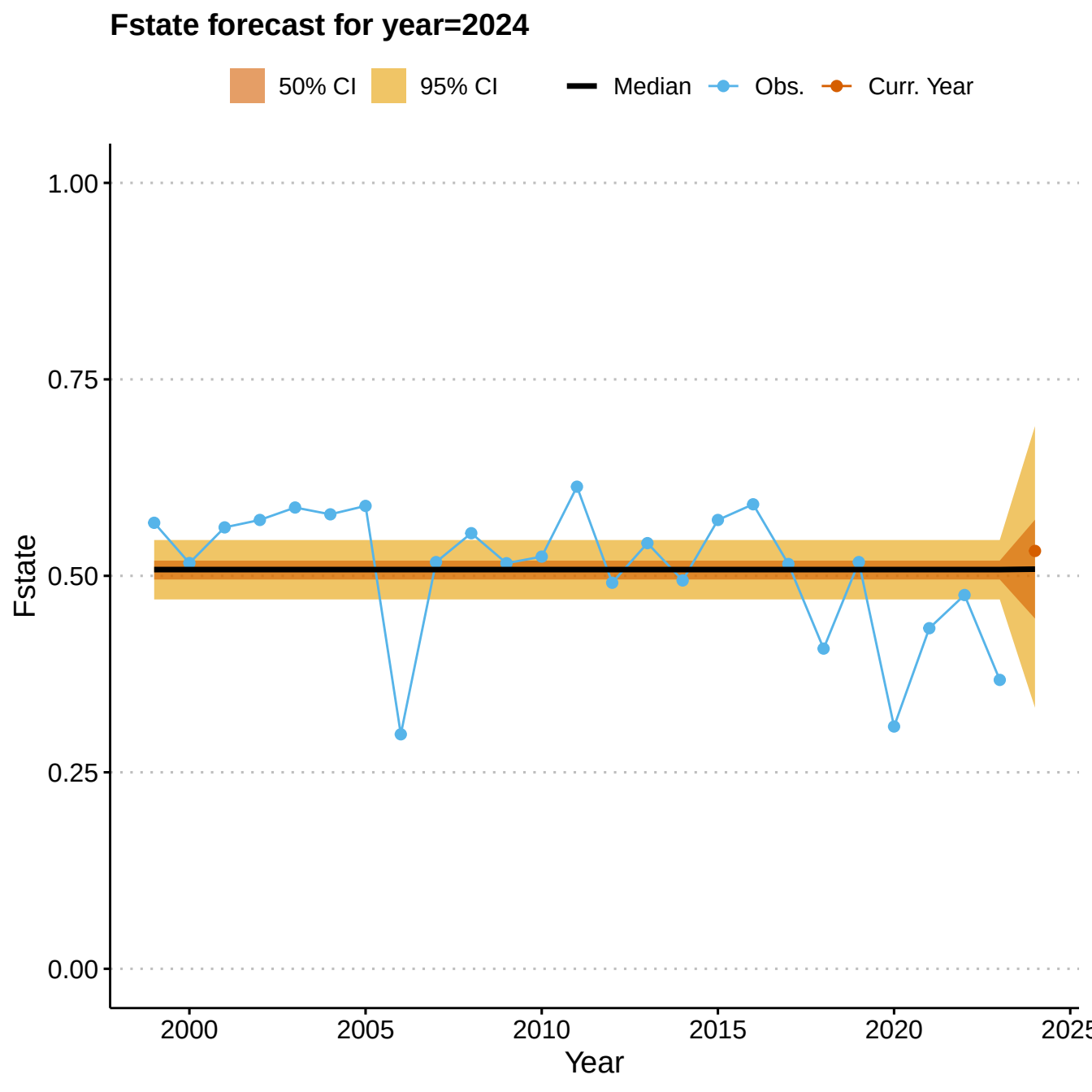

PF for year=2022
50% CI
95% CI
Median
Obs.
Curr. Year
8000
6000
4000
2000
Total run size (000's)
2000
2005
2010
2015
2020
Year


Fstate forecast for year=2022
50% CI
95% CI
Median
Obs.
Curr. Year
1.00
0.75
0.50
0.25
0.00
Fstate
2000
2005
2010
2015
2020
Year


PF for year=2023
50% CI
95% CI
Median
Obs.
Curr. Year
Total run size (000's)
7000
6000
5000
4000
3000
2000
2000
2005
2010
2015
2020
Year


Fstate forecast for year=2023
50% CI
95% CI
Median
Obs.
Curr. Year
1.00
0.75
0.50
0.25
0.00
Fstate
2000
2005
2010
2015
2020
Year


PF for year=2024
50% CI
95% CI
Median
Obs.
Curr. Year
Total run size (000's)
6000
4000
2000
2000
2005
2010
2015
2020
2025
Year


Fstate forecast for year=2024
50% CI
95% CI
Median
Obs.
Curr. Year
1.00
0.75
0.50
0.25
0.00
Fstate
2000
2005
2010
2015
2020
2025
Year