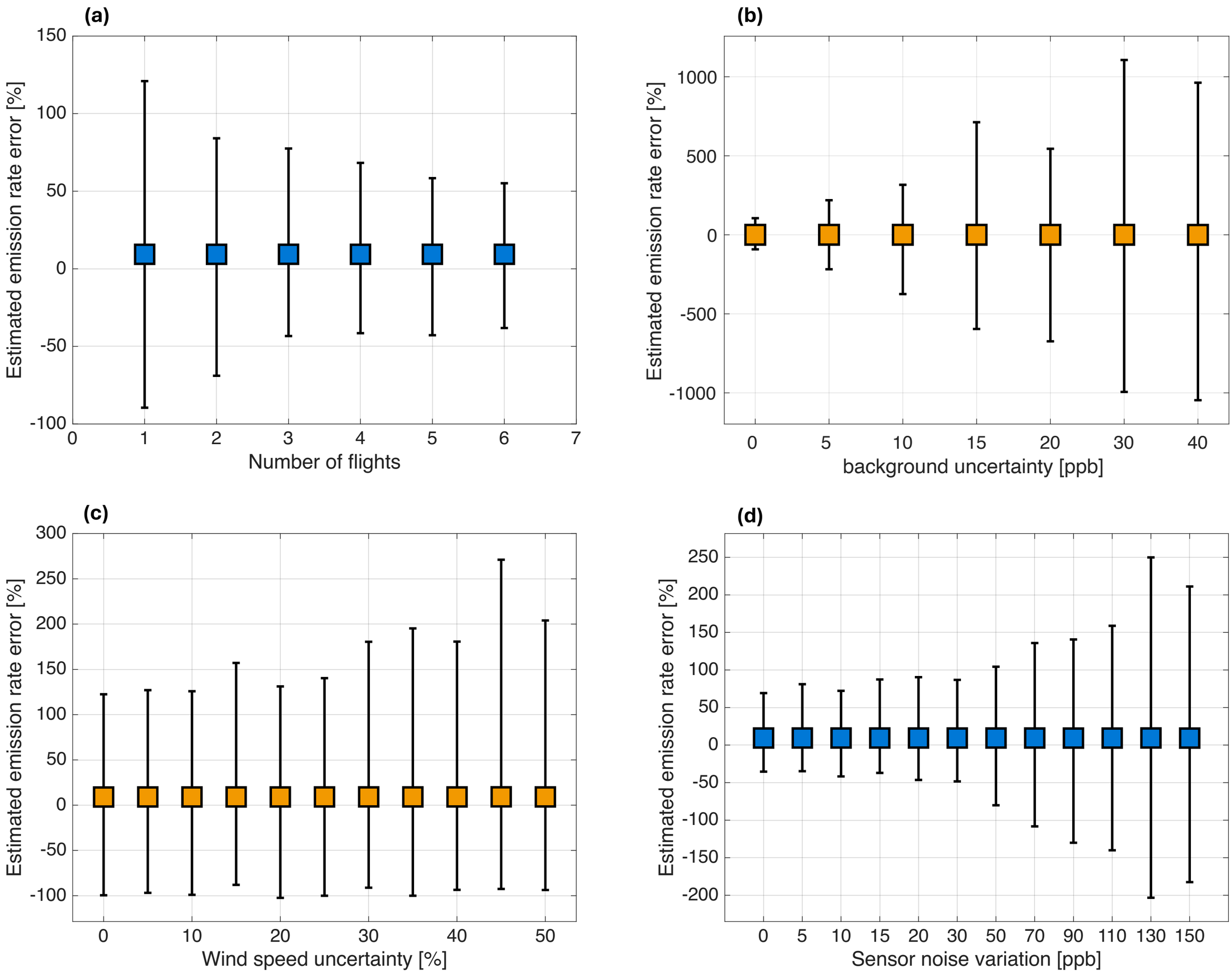
(a)
Estimated emission rate error [%]
150
100
50
0
-50
-100
0
1
2
3
4
5
6
7
Number of flights
(b)
Estimated emission rate error [%]
1000
500
0
-500
-1000
0
5
10
15
20
30
40
background uncertainty [ppb]
(c)
Estimated emission rate error [%]
300
250
200
150
100
50
0
-50
-100
0
10
20
30
40
50
Wind speed uncertainty [%]
(d)
Estimated emission rate error [%]
250
200
150
100
50
0
-50
-100
-150
-200
0
5
10
15
20
30
50
70
90
110
130
150
Sensor noise variation [ppb]