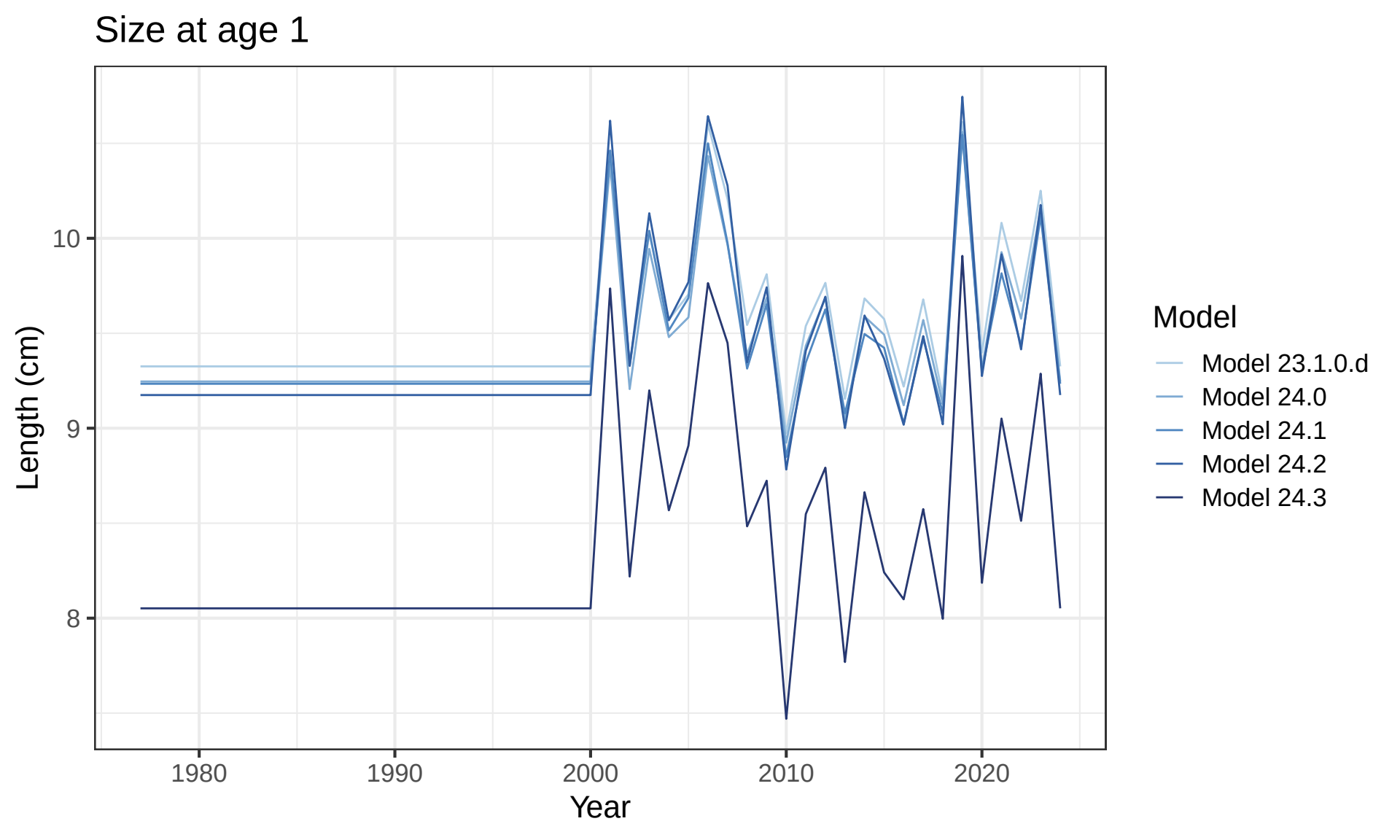
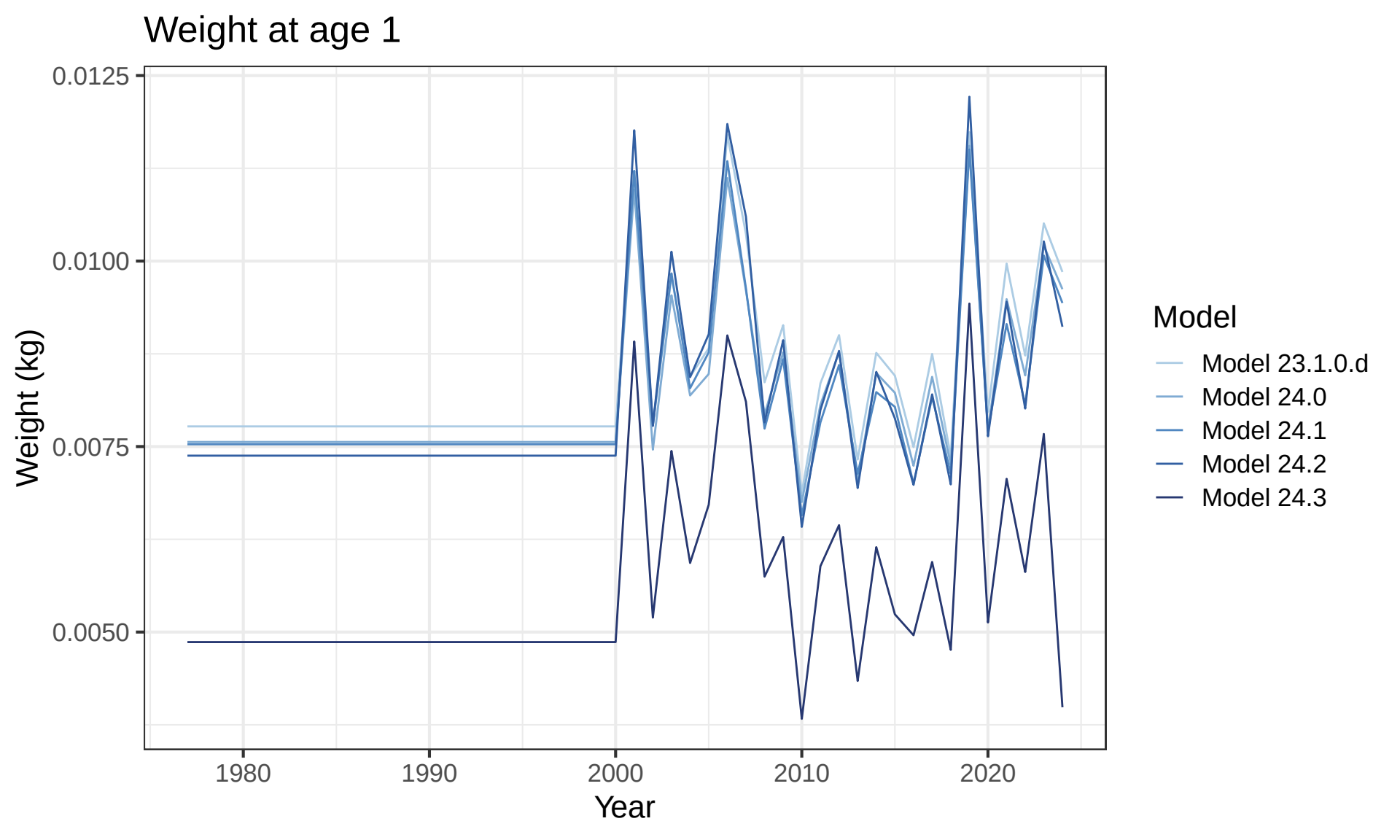
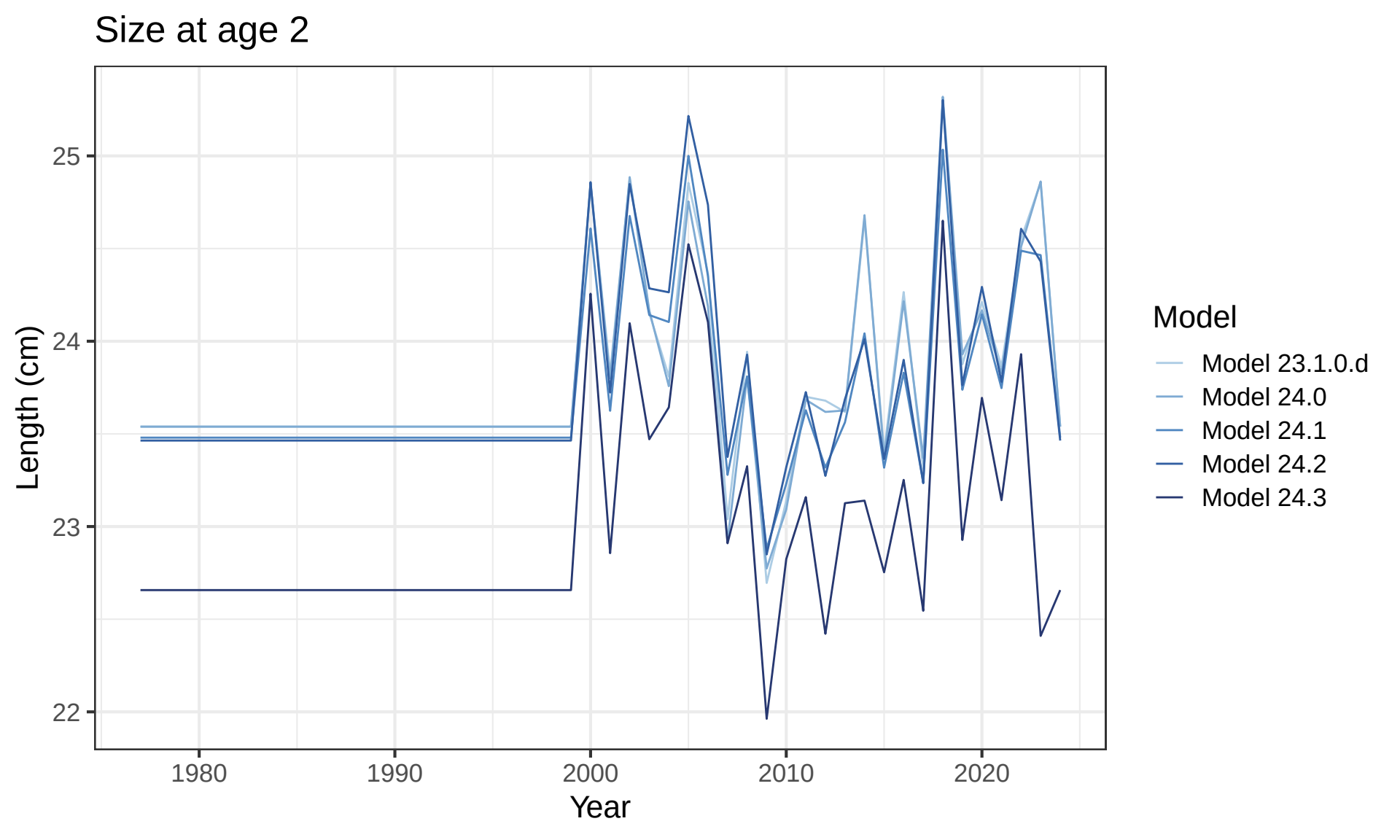
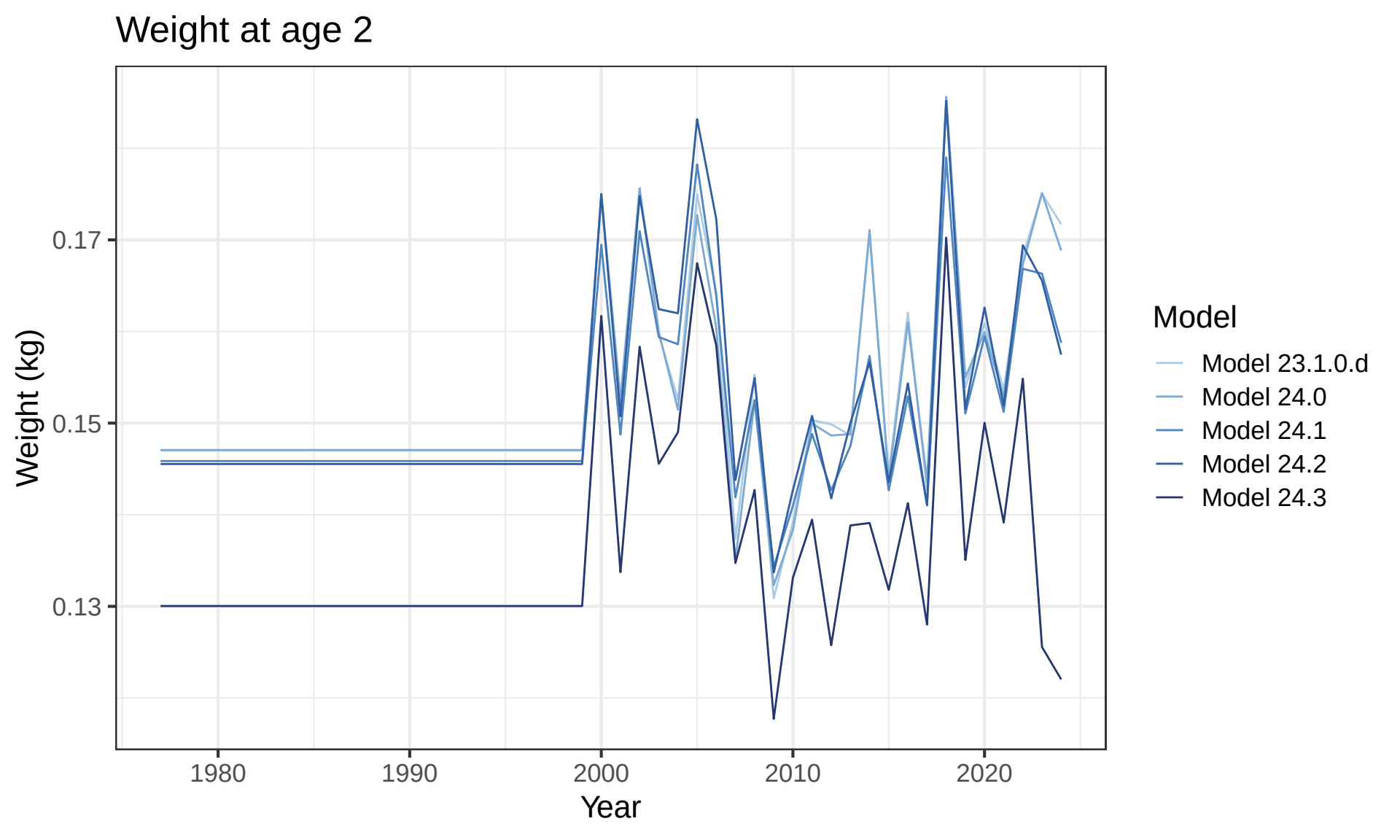
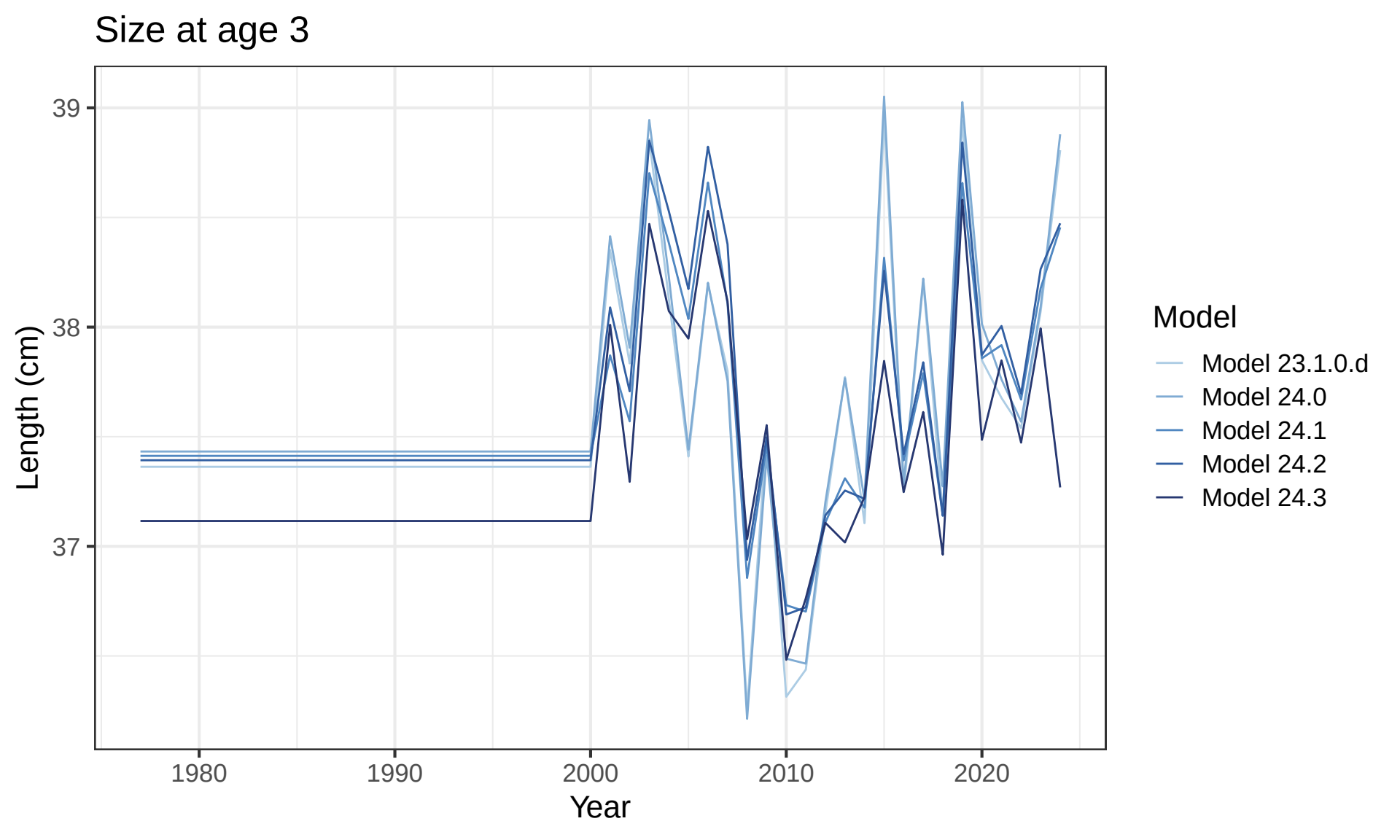
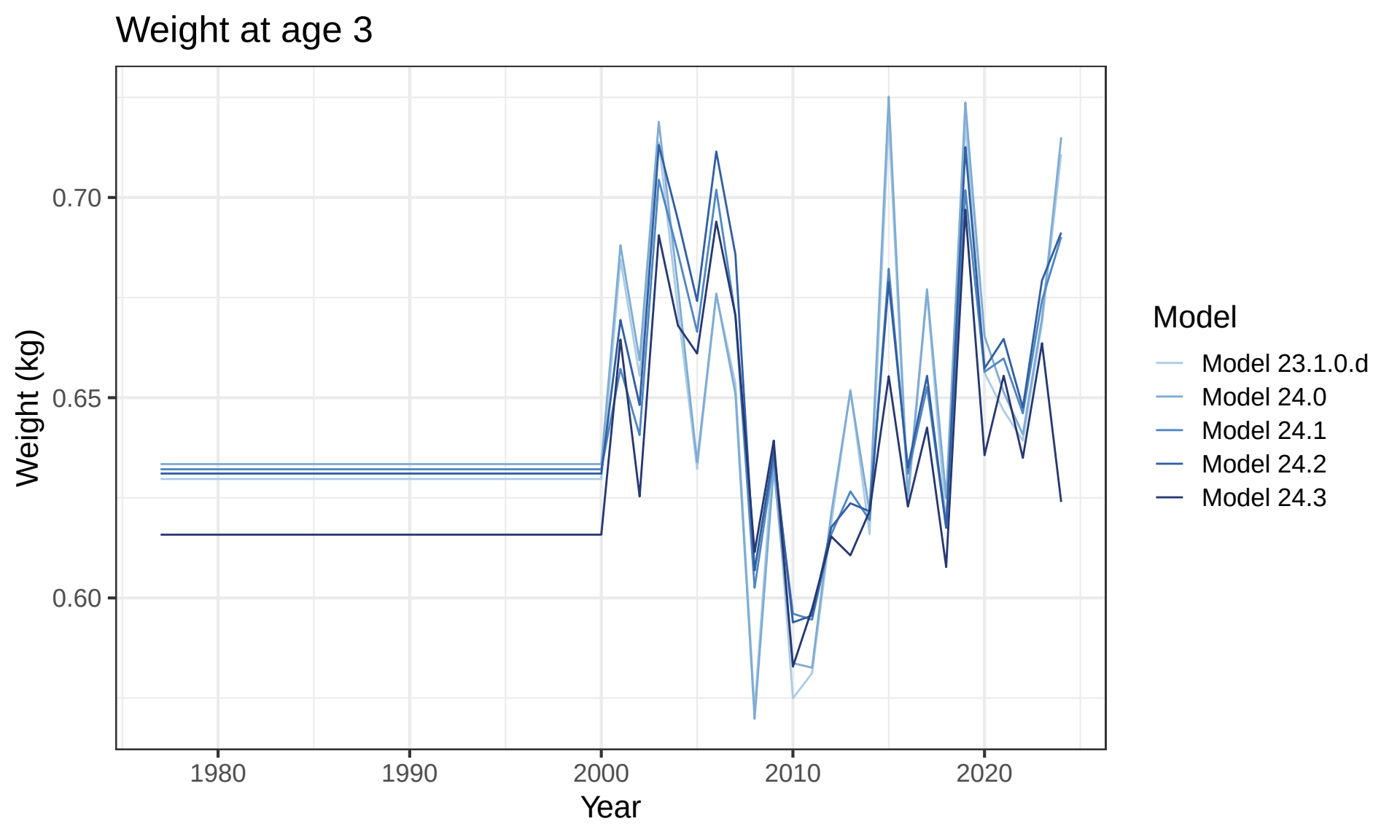

Size at age 1
Length (cm)
10
9
8
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

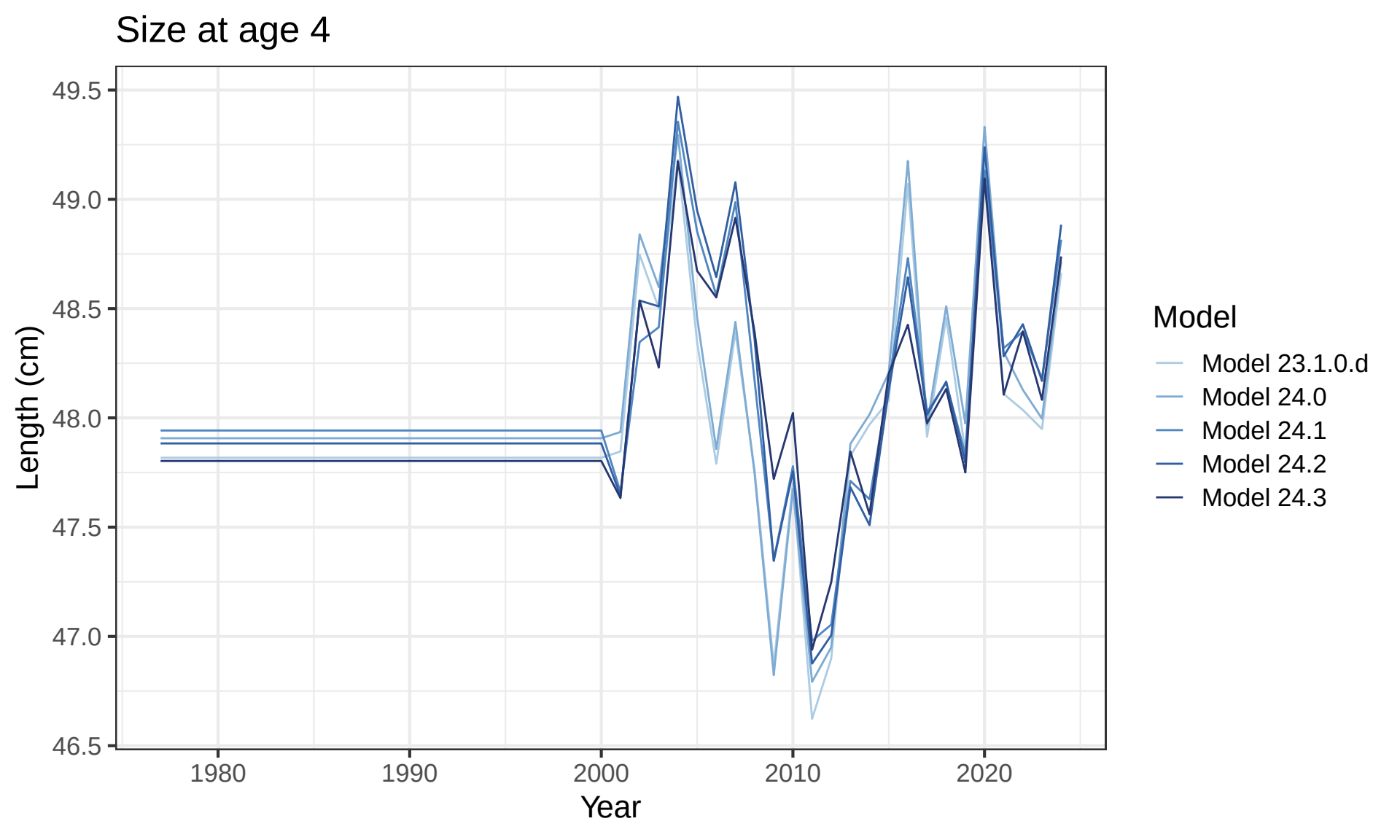

Weight at age 1
0.0125
0.0100
0.0075
0.0050
Weight (kg)
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

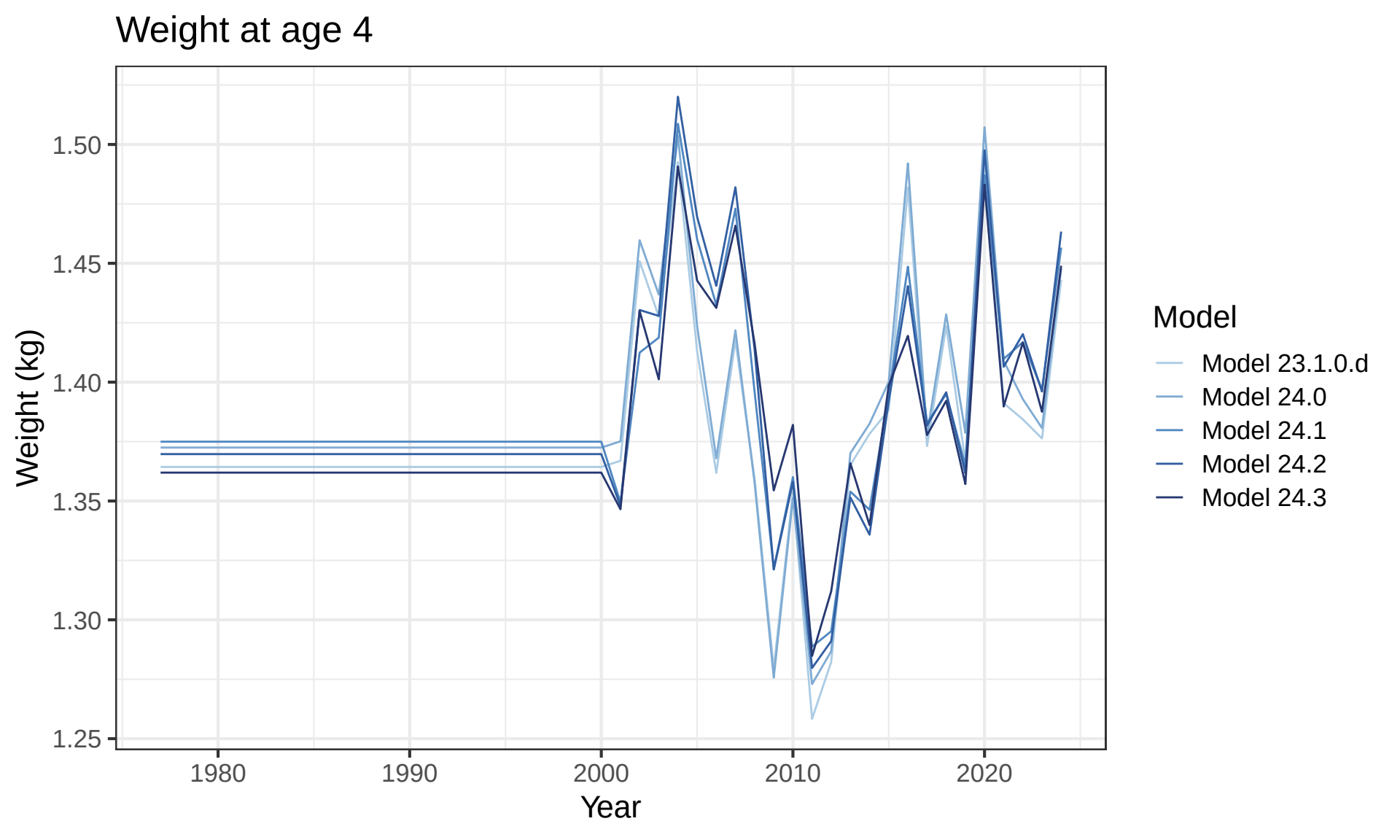

Size at age 2
Length (cm)
25
24
23
22
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

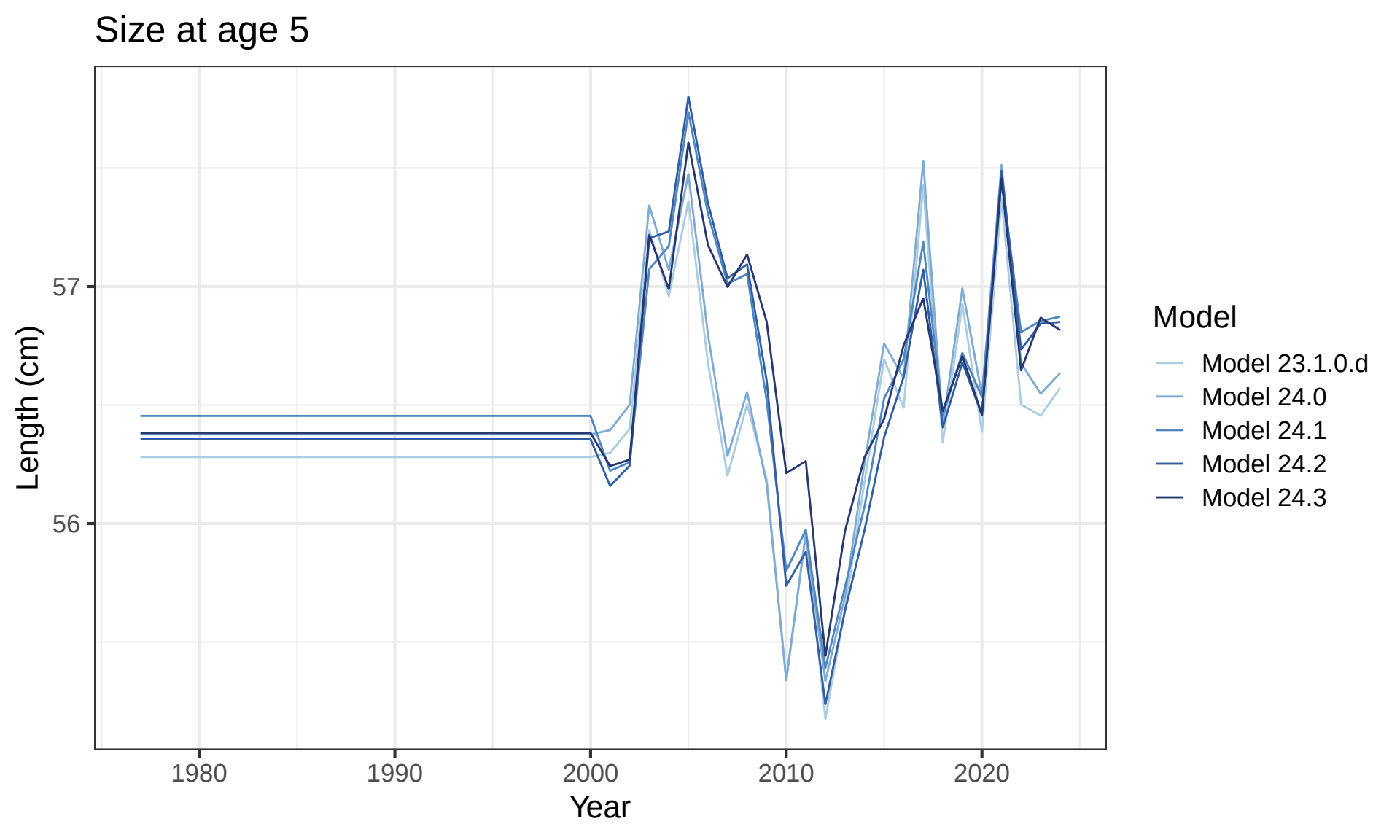

Weight at age 2
Weight (kg)
0.17
0.15
0.13
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

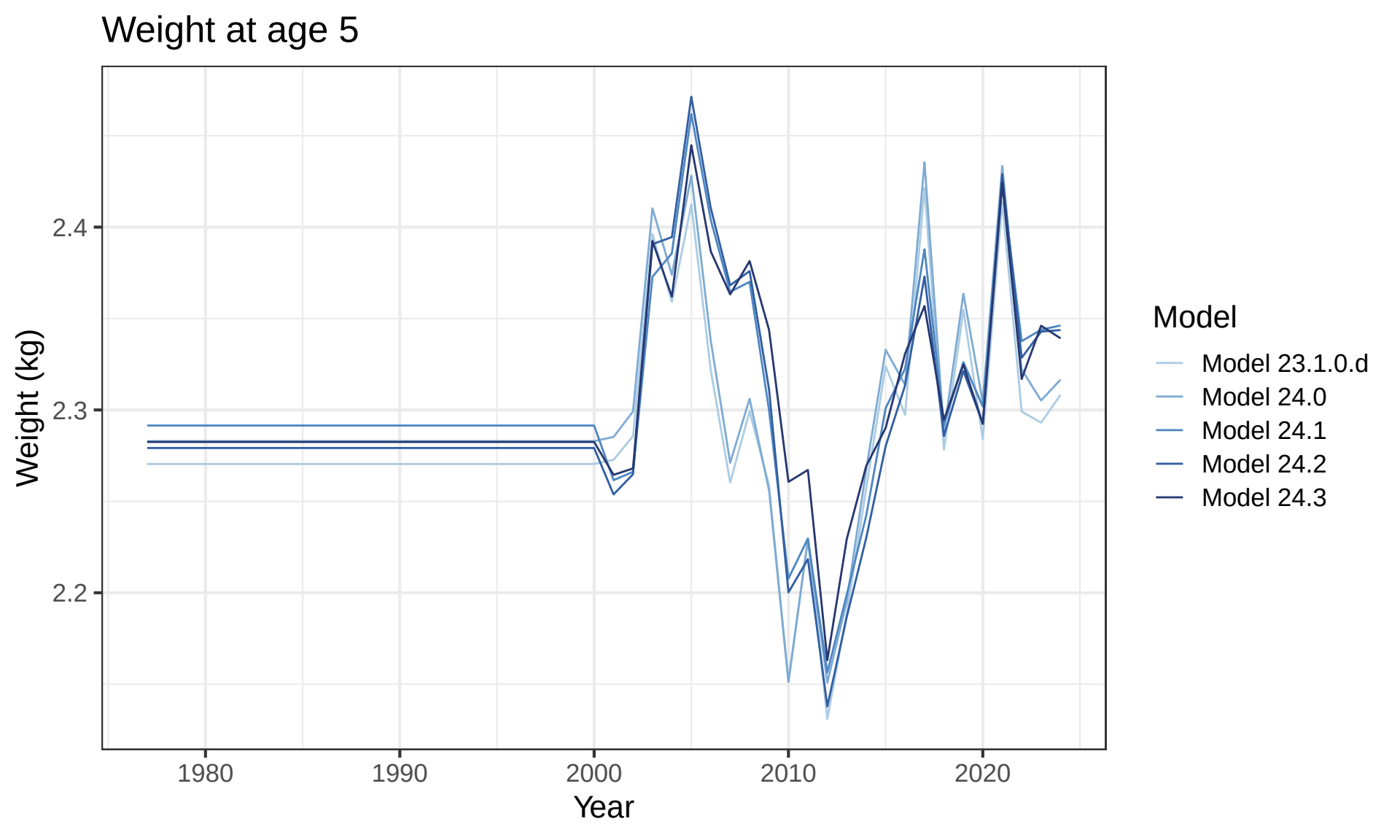

Size at age 3
Length (cm)
39
38
37
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

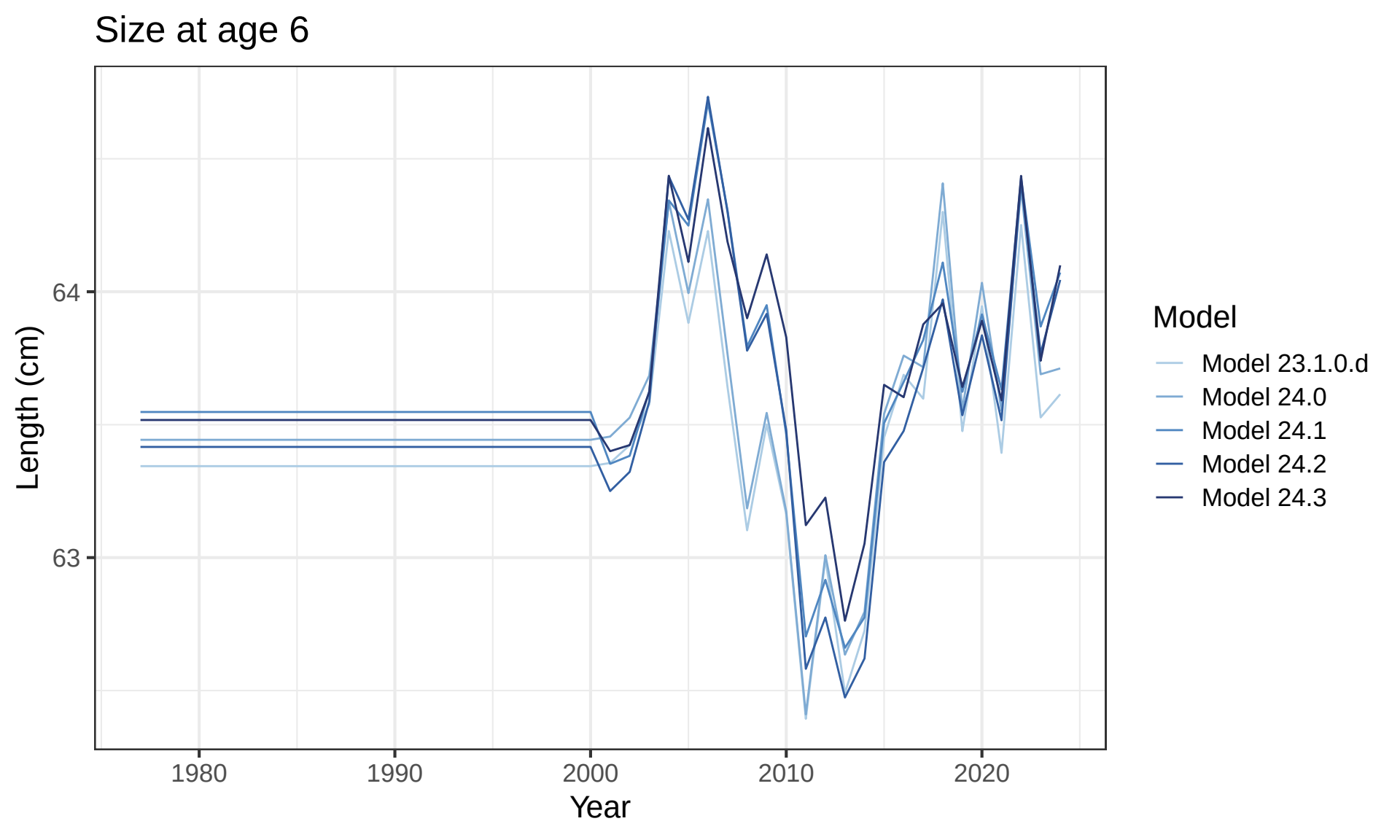

Weight at age 3
Weight (kg)
0.70
0.65
0.60
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

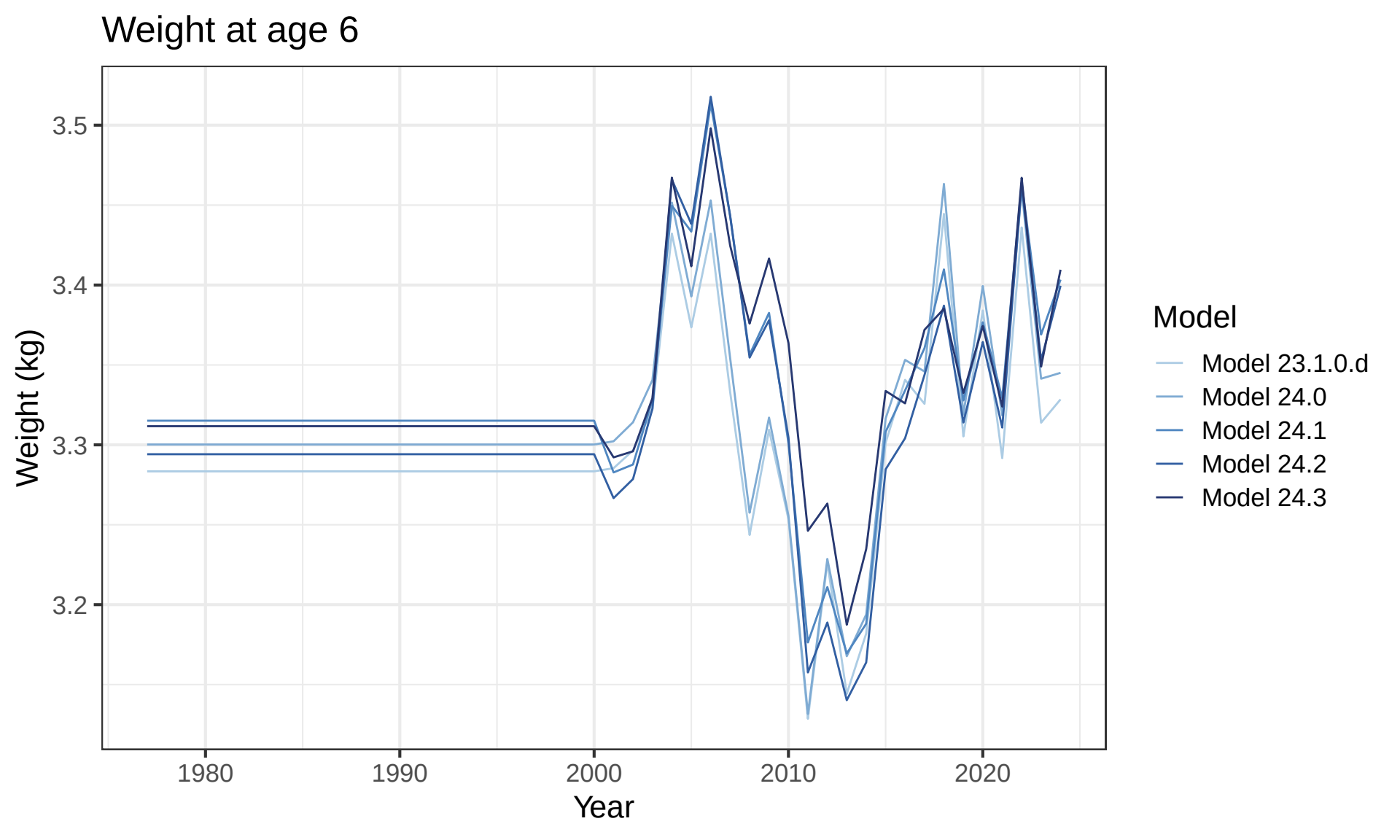

Size at age 4
Length (cm)
49.5
49.0
48.5
48.0
47.5
47.0
46.5
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

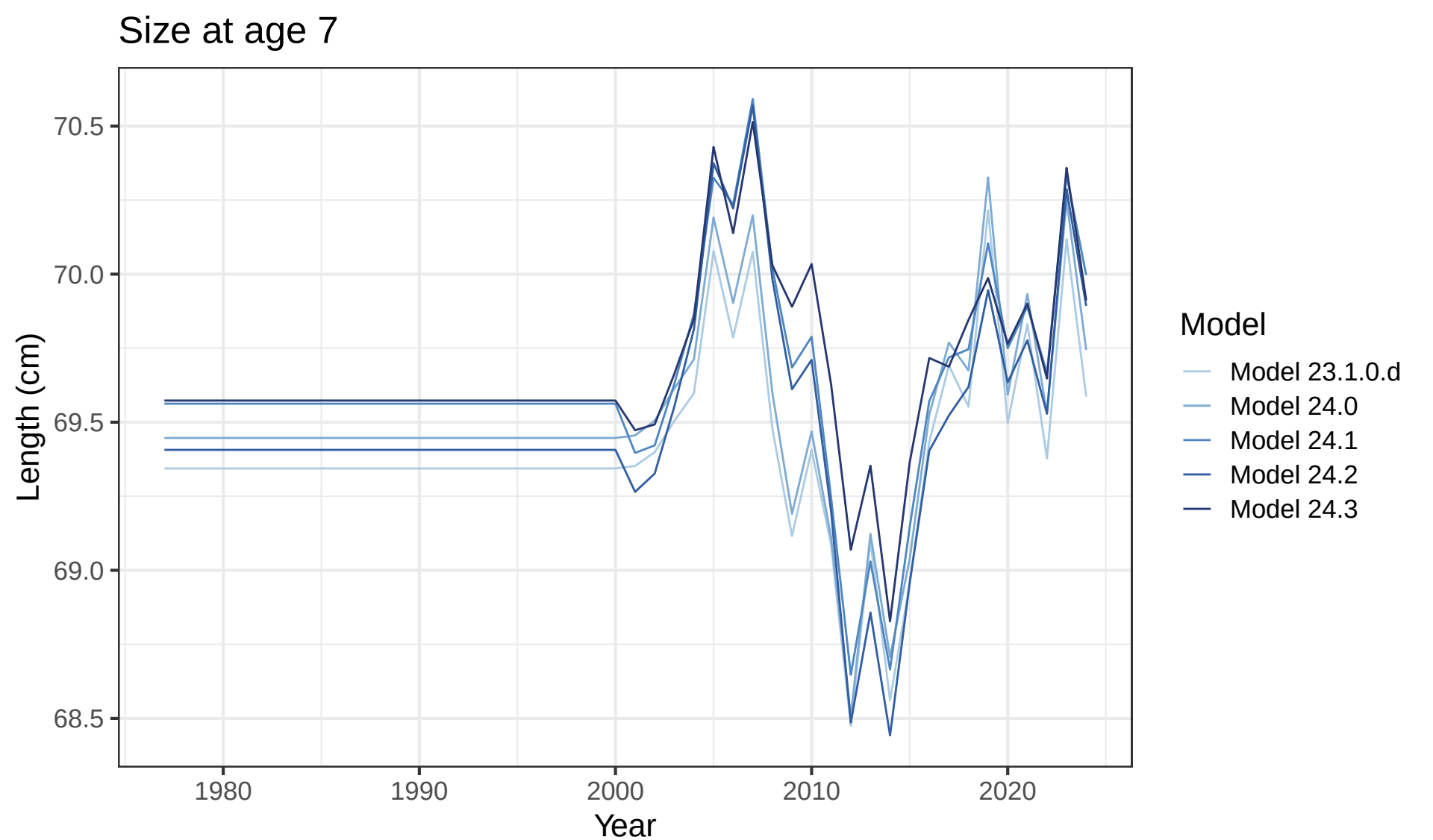

Weight at age 4
Weight (kg)
1.50
1.45
1.40
1.35
1.30
1.25
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

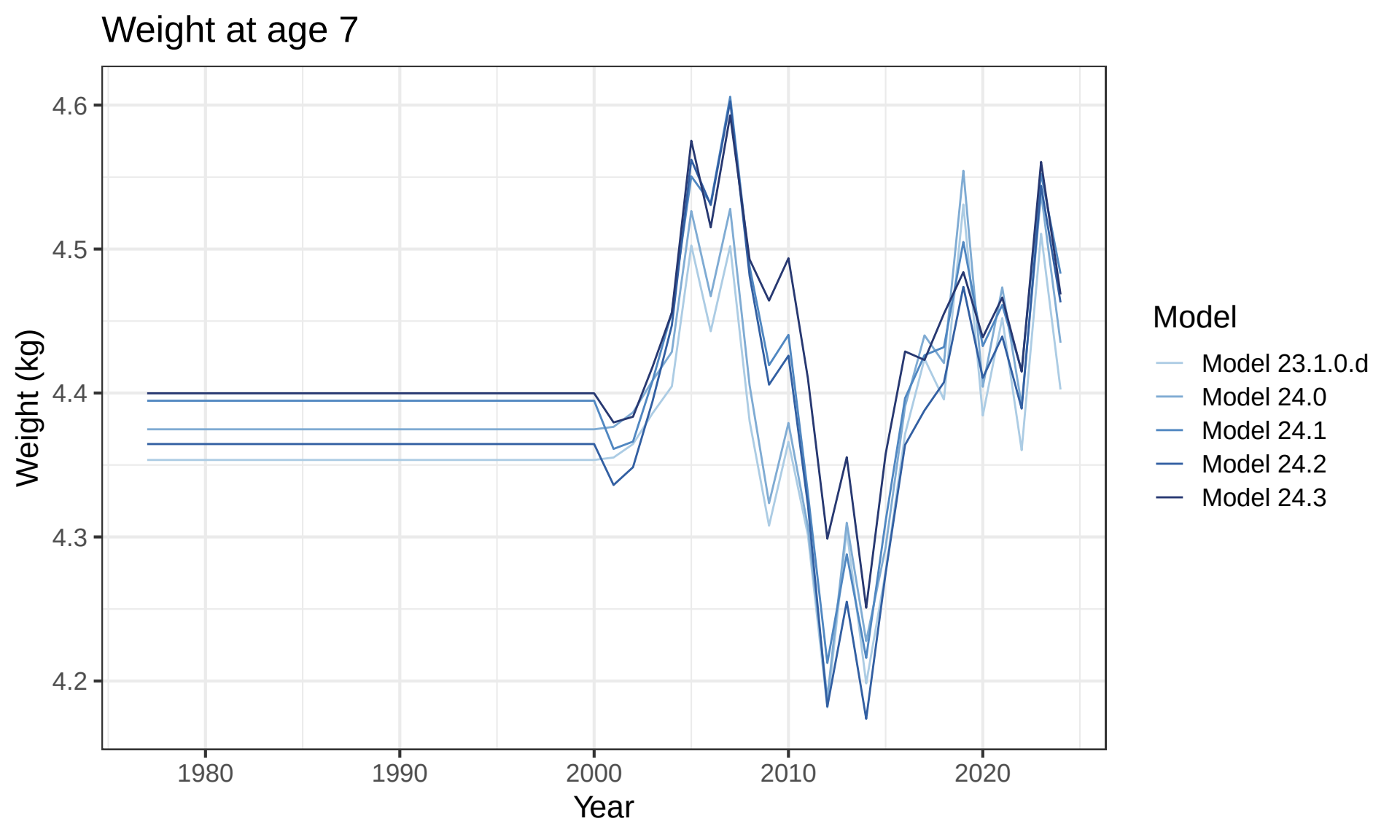

Size at age 5
Length (cm)
57
56
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

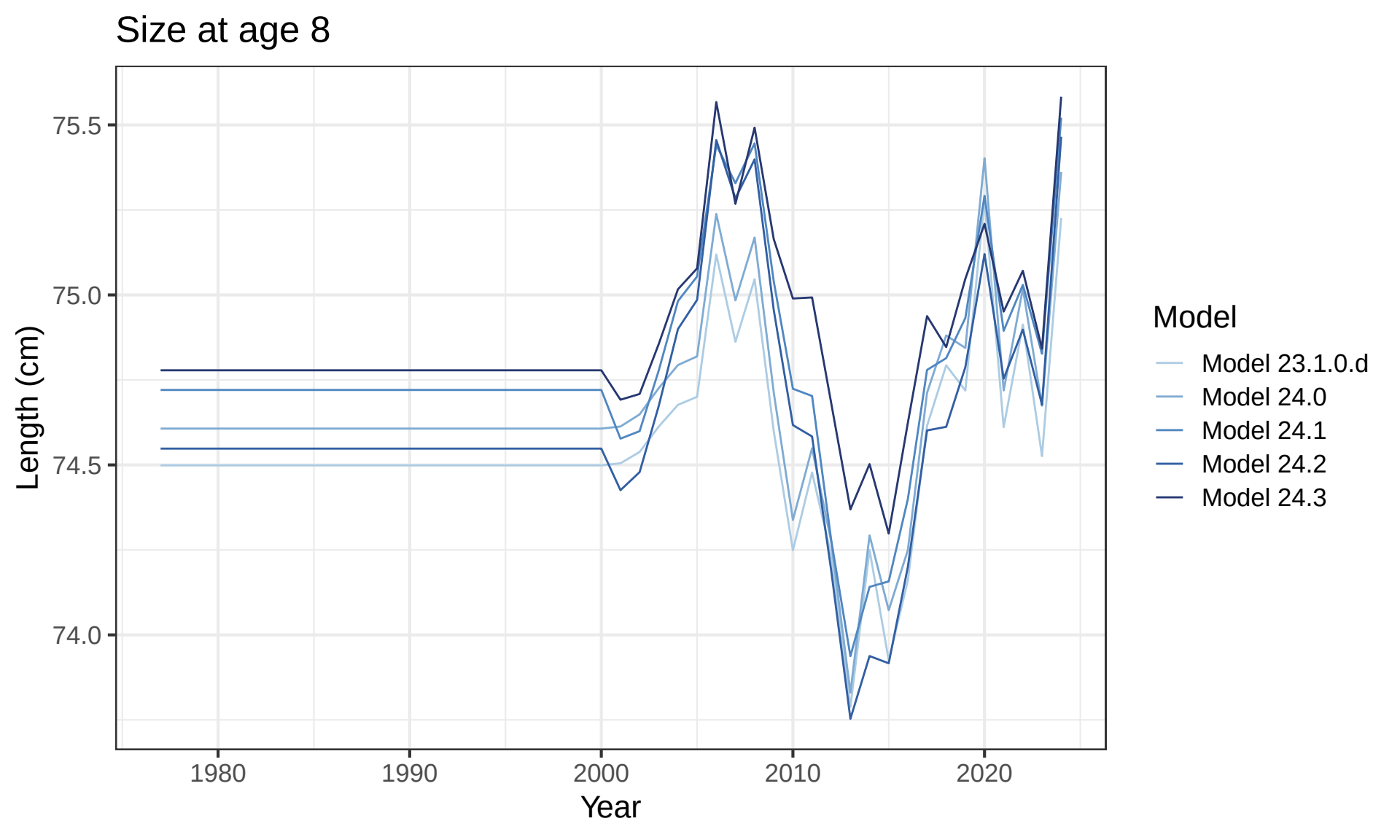

Weight at age 5
Weight (kg)
2.4
2.3
2.2
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

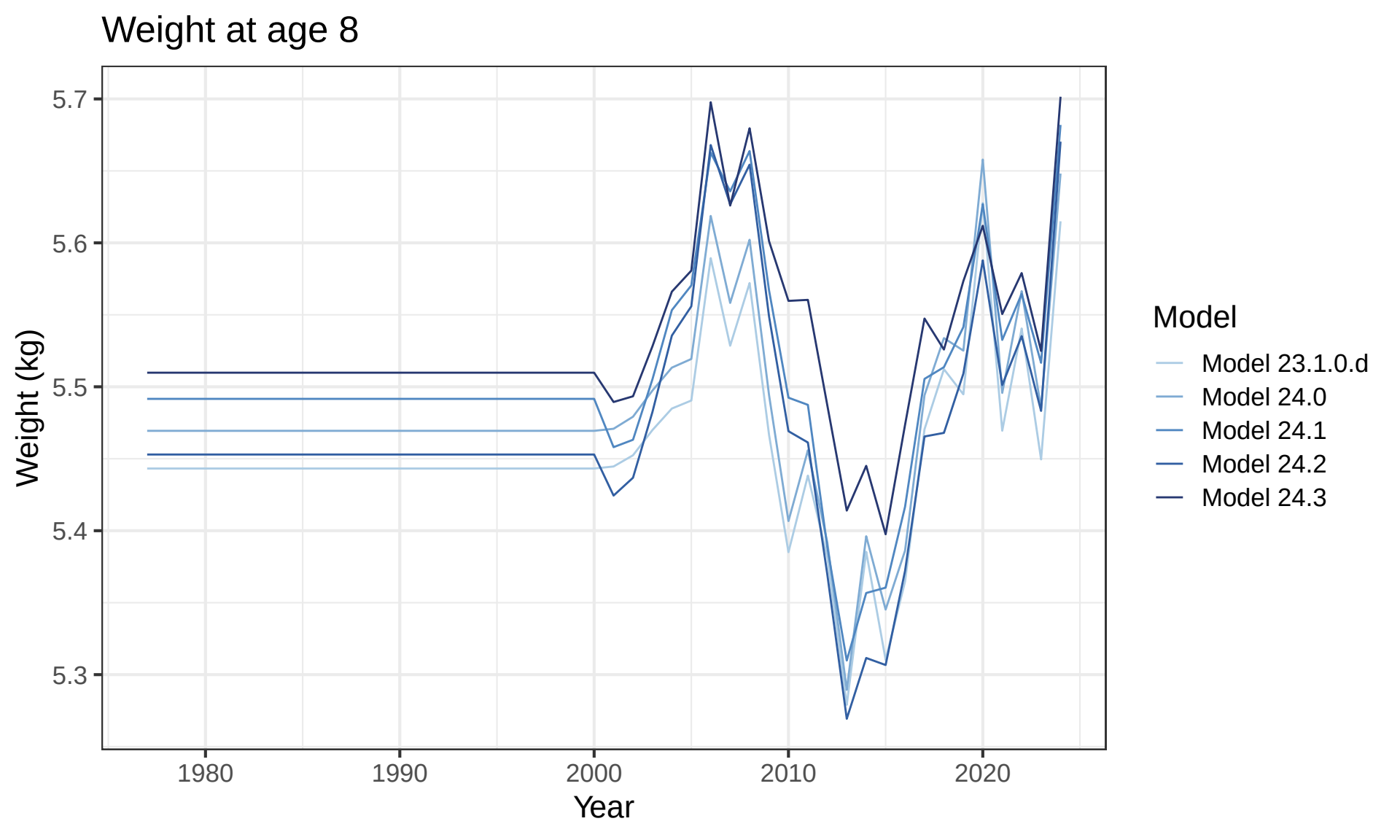

Size at age 6
Length (cm)
64
63
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

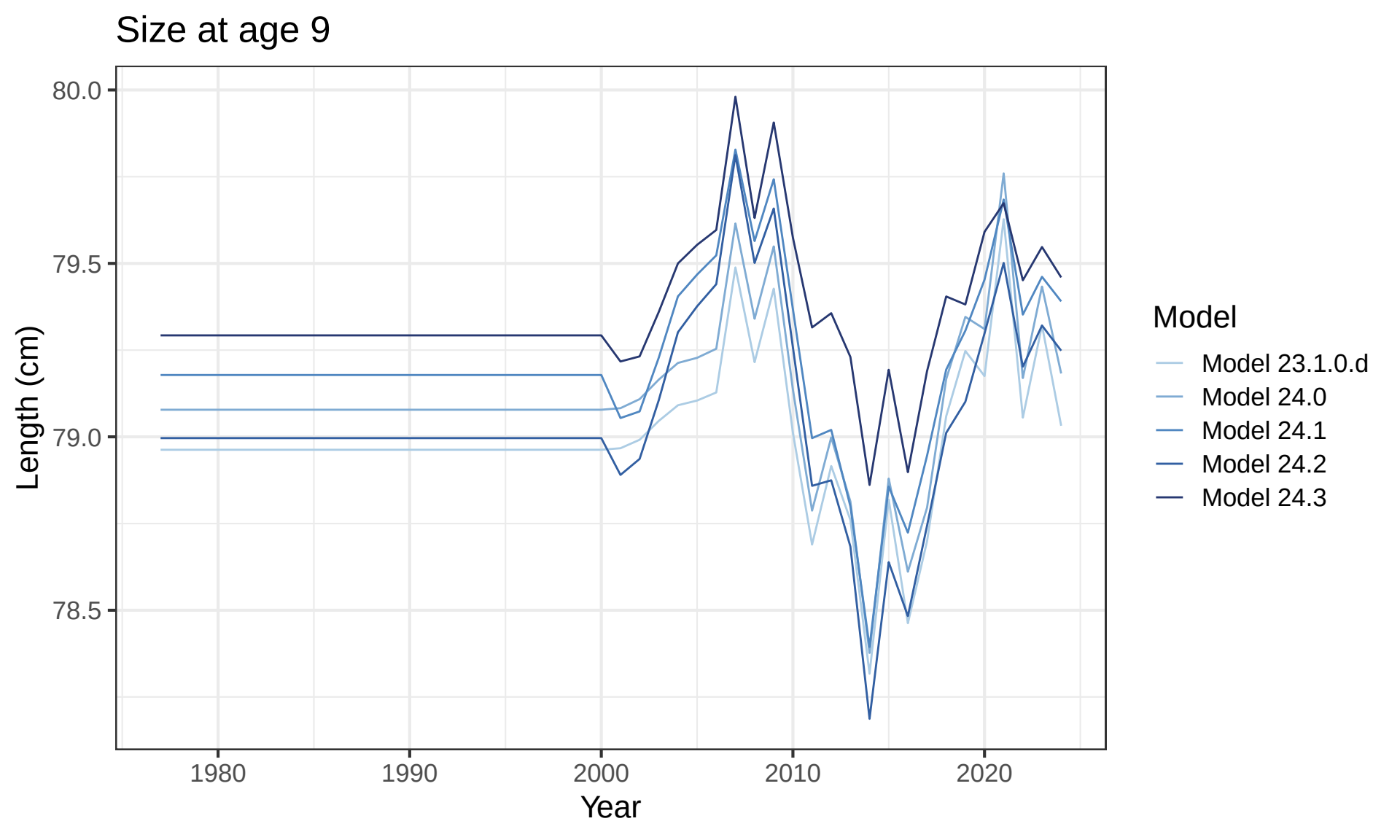

Weight at age 6
Weight (kg)
3.5
3.4
3.3
3.2
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

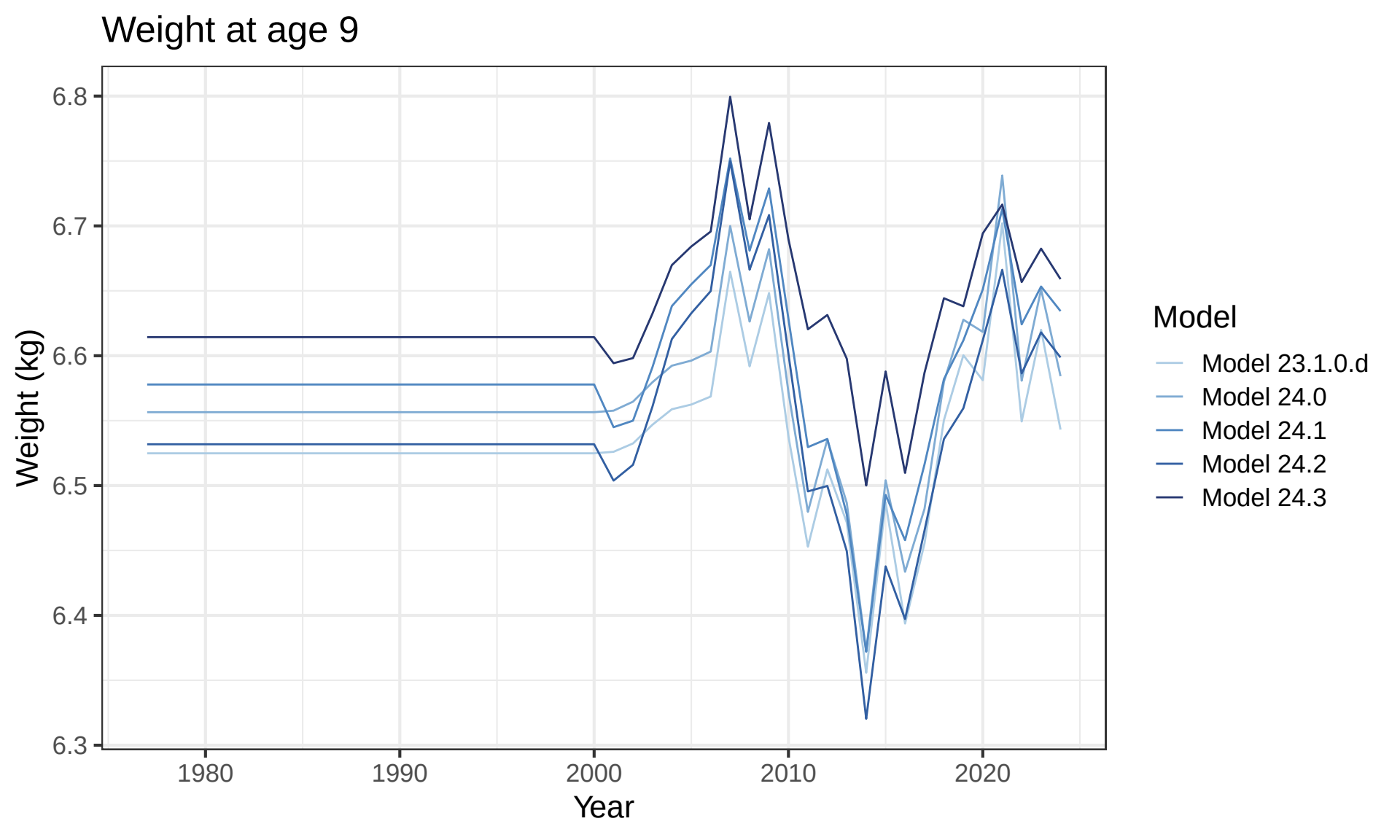

Size at age 7
70.5
70.0
69.5
69.0
68.5
Length (cm)
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

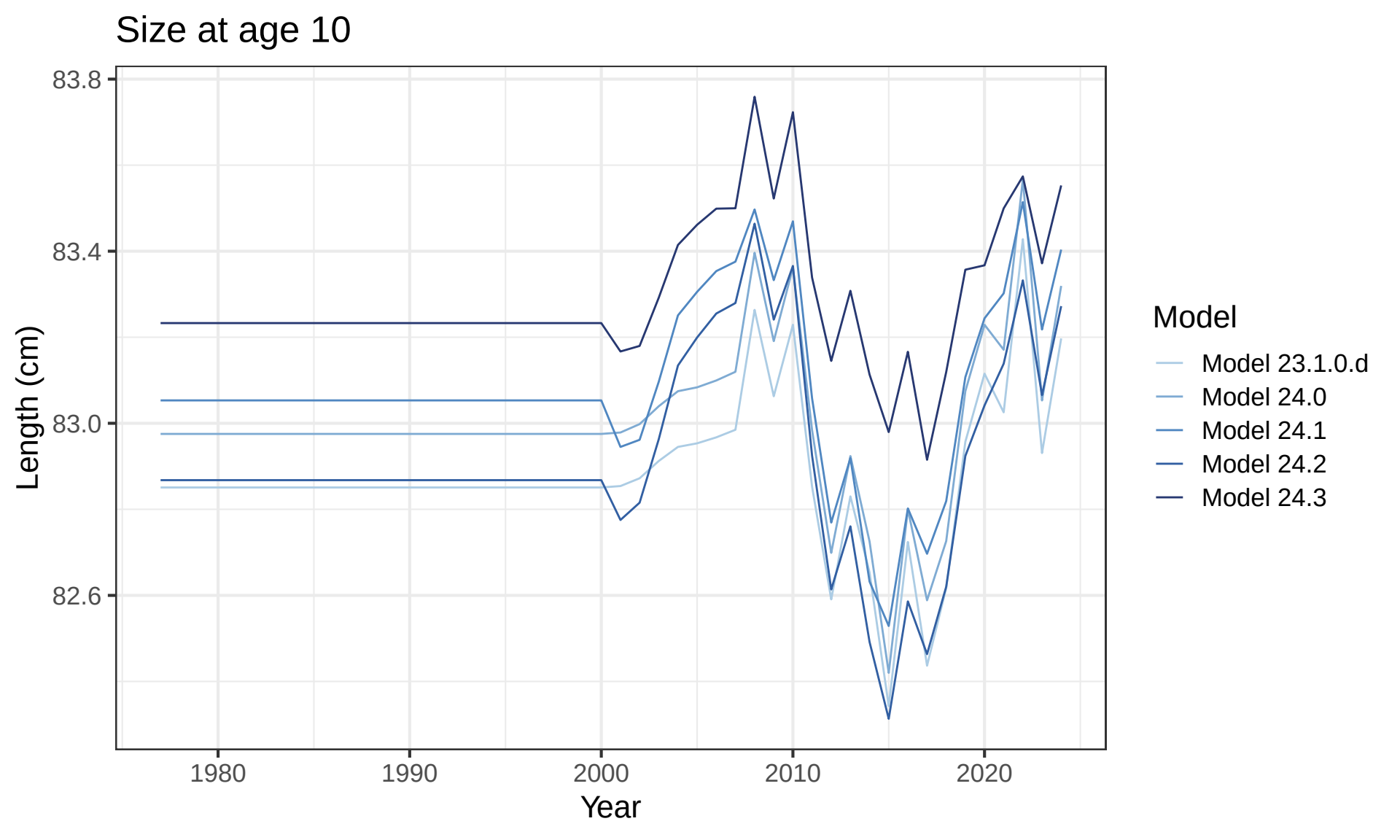

Weight at age 7
Weight (kg)
4.6
4.5
4.4
4.3
4.2
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

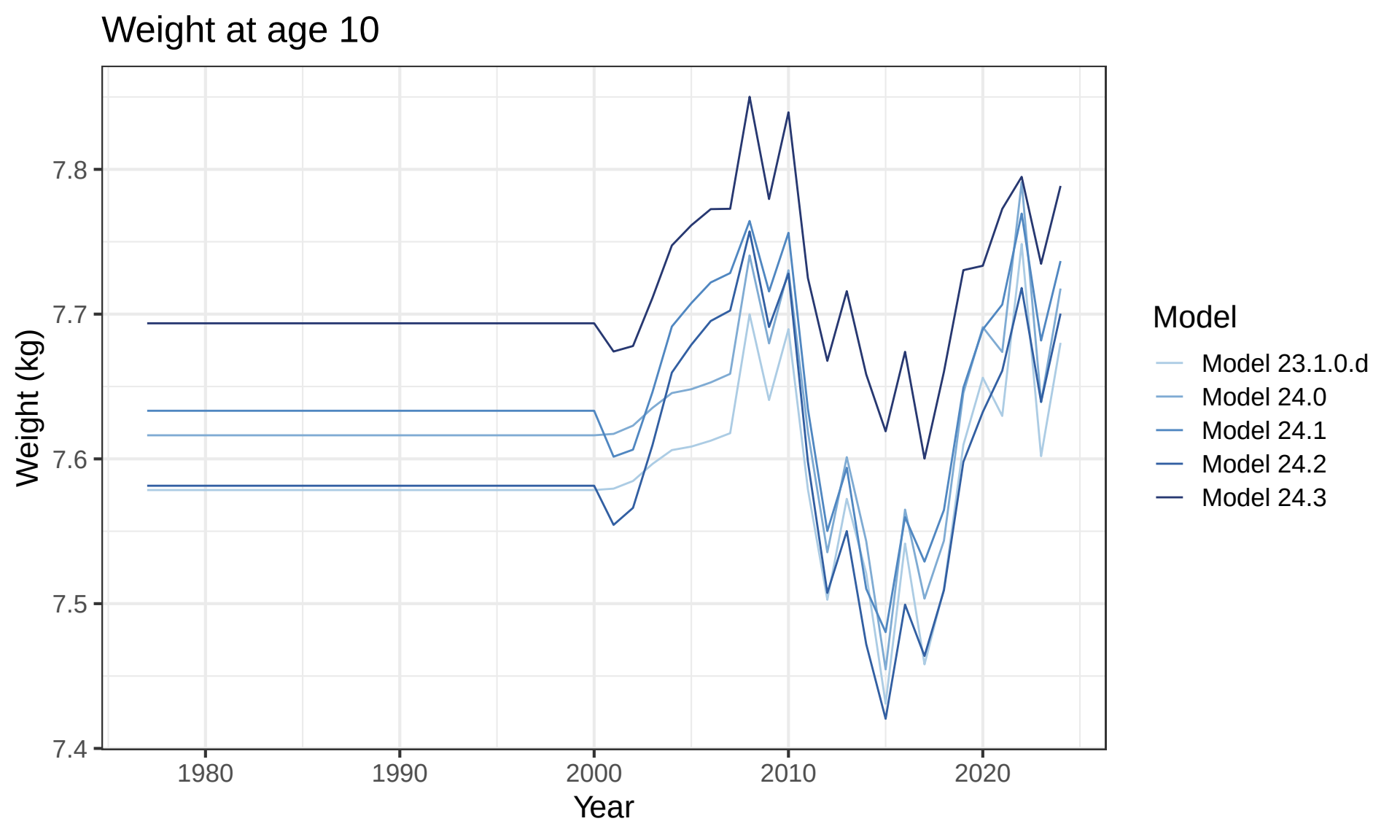

Size at age 8
Length (cm)
75.5
75.0
74.5
74.0
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

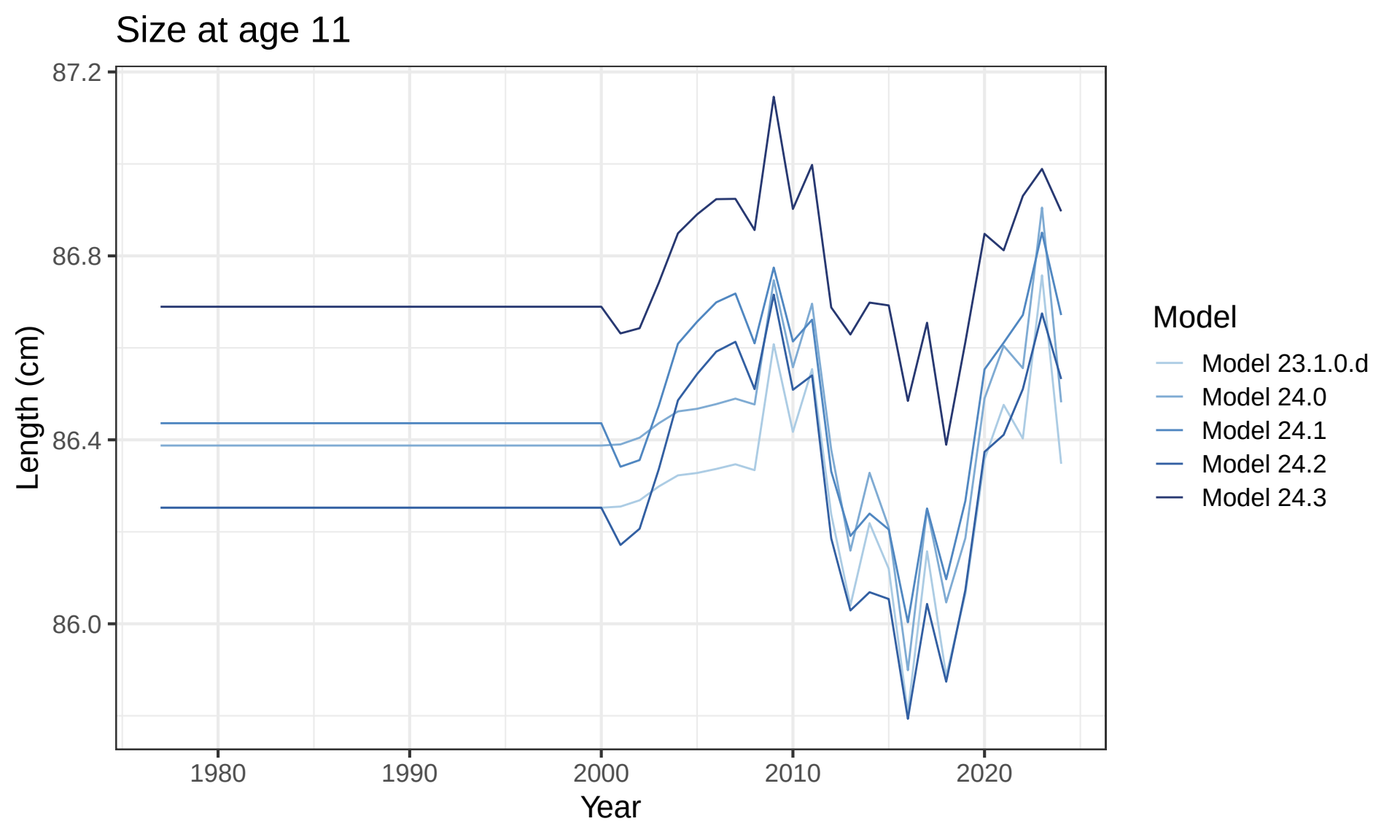

Weight at age 8
Weight (kg)
5.7
5.6
5.5
5.4
5.3
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

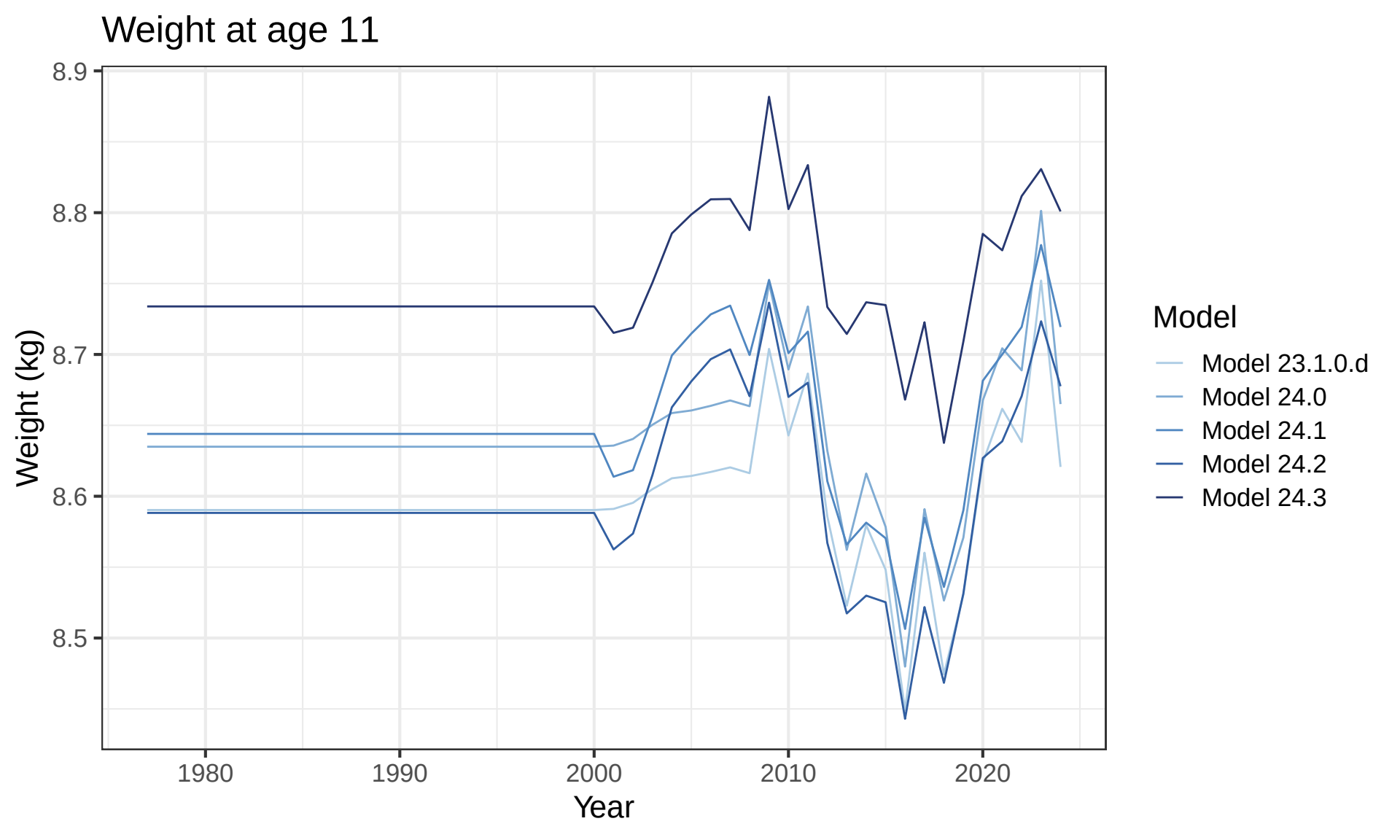

Size at age 9
80.0
79.5
79.0
78.5
Length (cm)
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

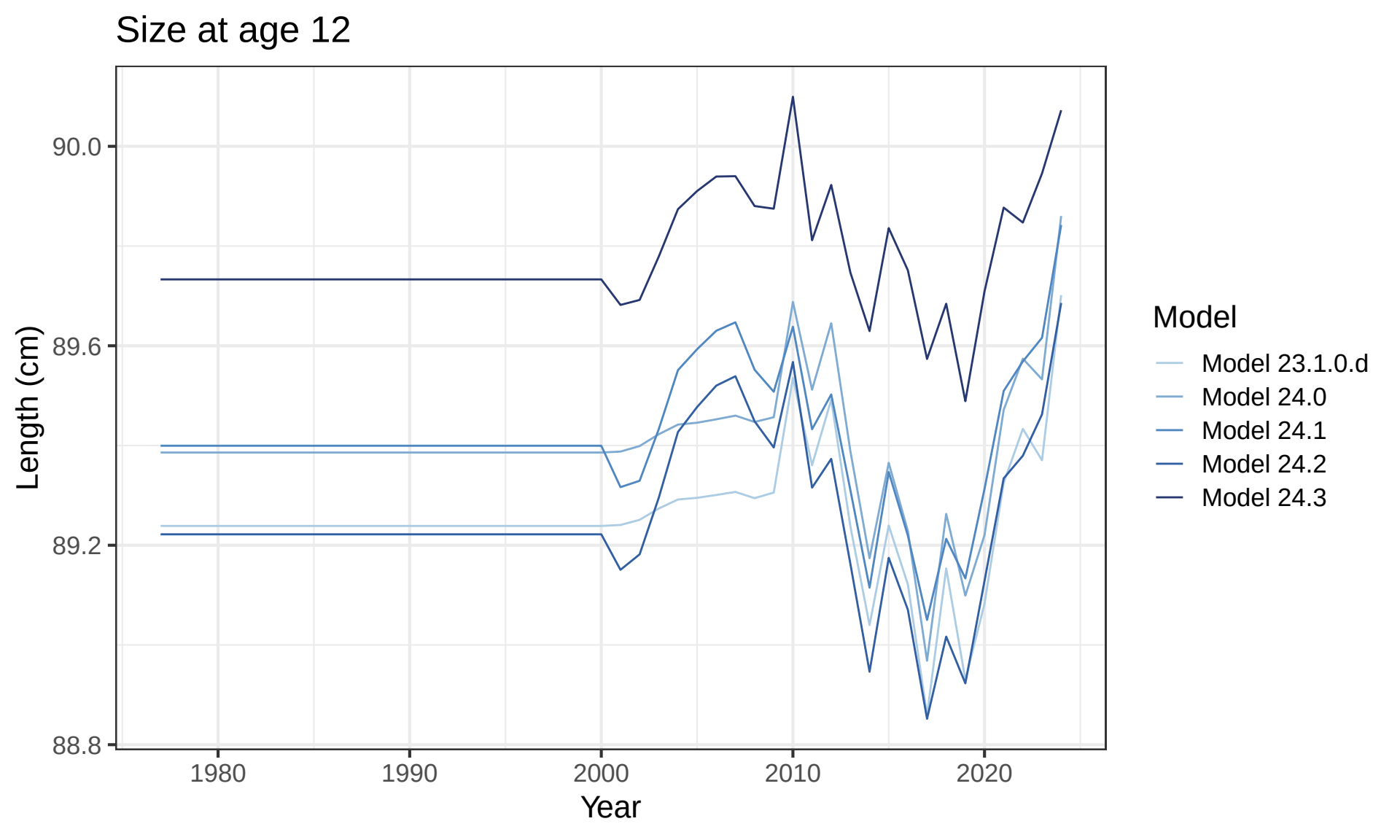

Weight at age 9
Weight (kg)
6.8
6.7
6.6
6.5
6.4
6.3
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

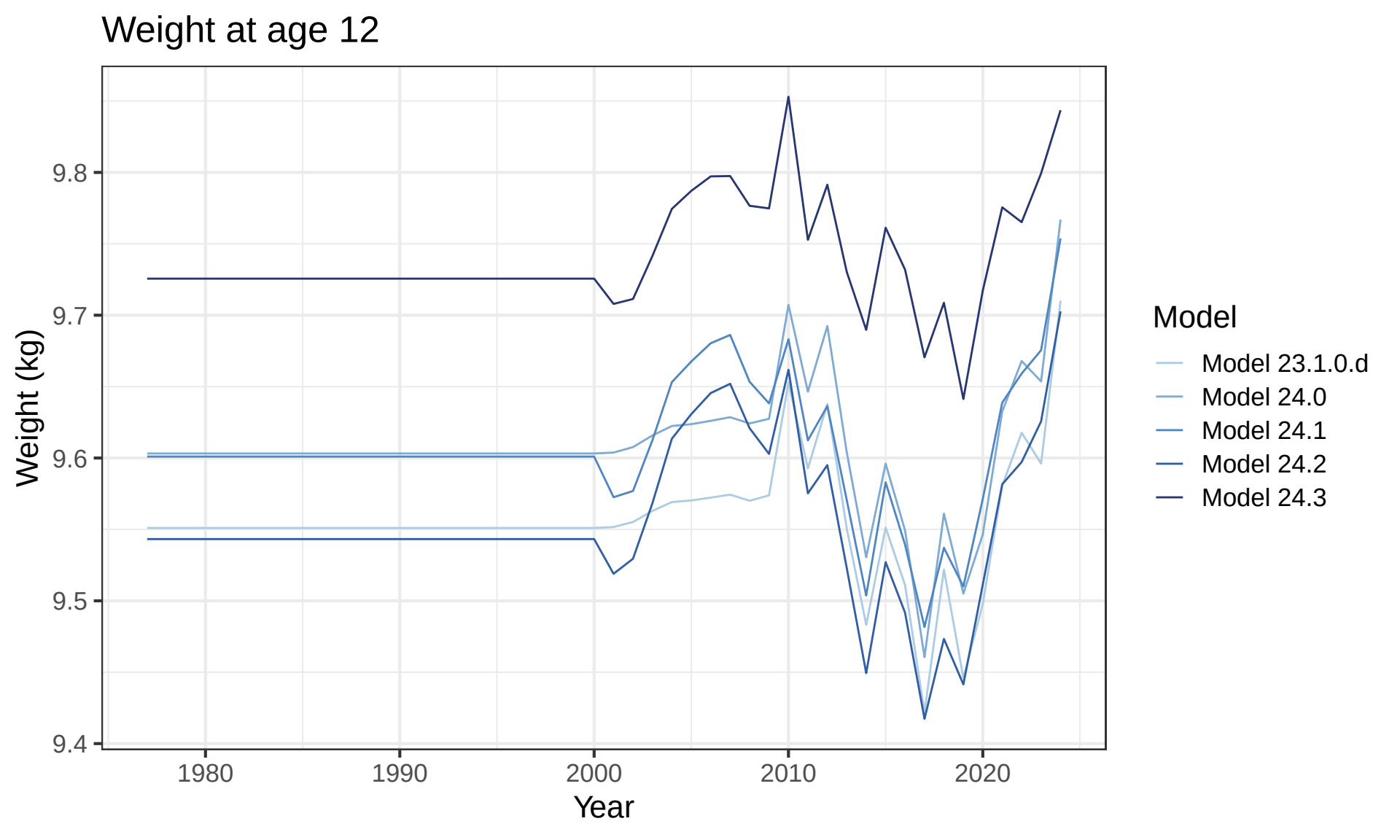

Size at age 10
83.8
83.4
83.0
82.6
Length (cm)
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

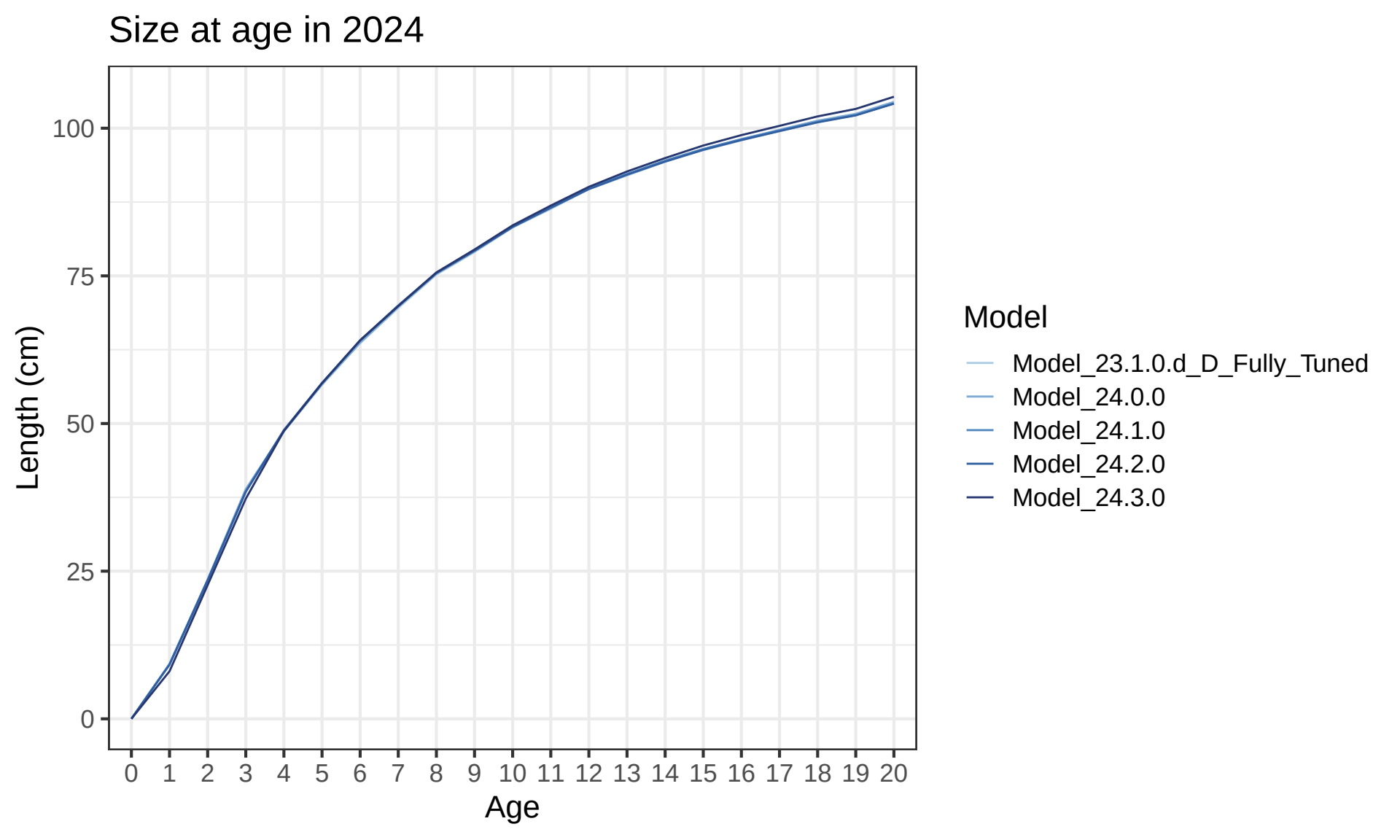

Weight at age 10
Weight (kg)
7.8
7.7
7.6
7.5
7.4
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

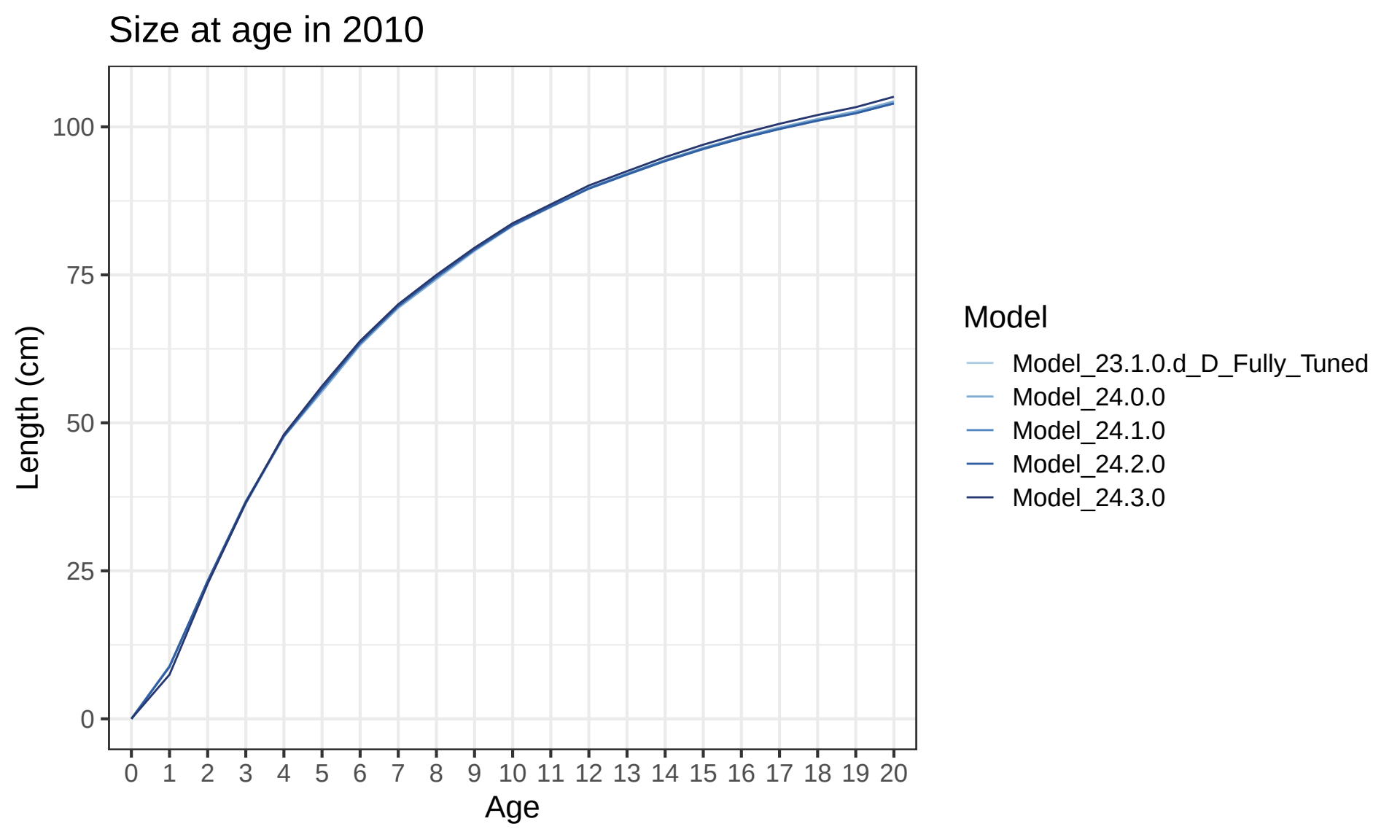

Size at age 11
87.2
86.8
86.4
86.0
Length (cm)
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

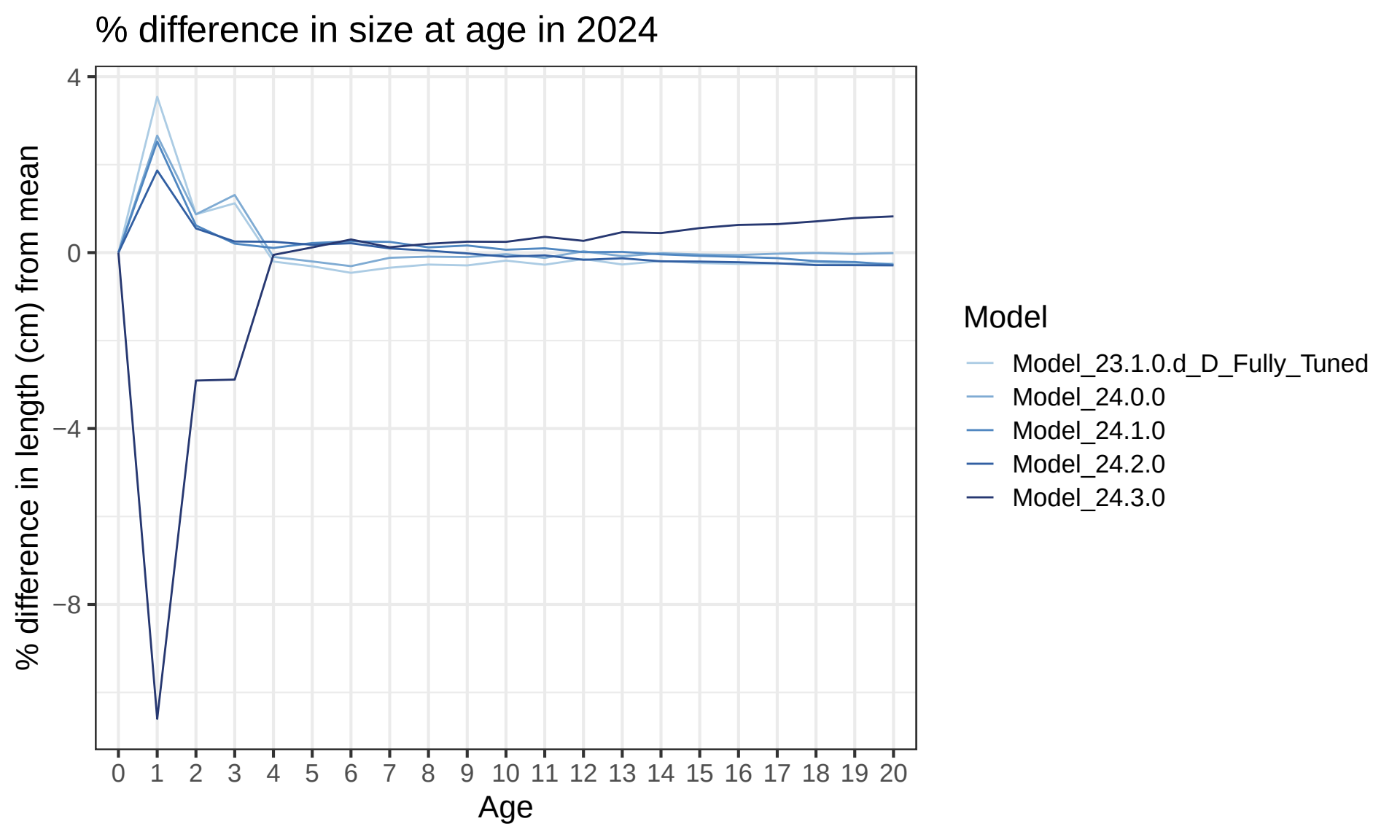

Weight at age 11
Weight (kg)
8.9
8.8
8.7
8.6
8.5
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3

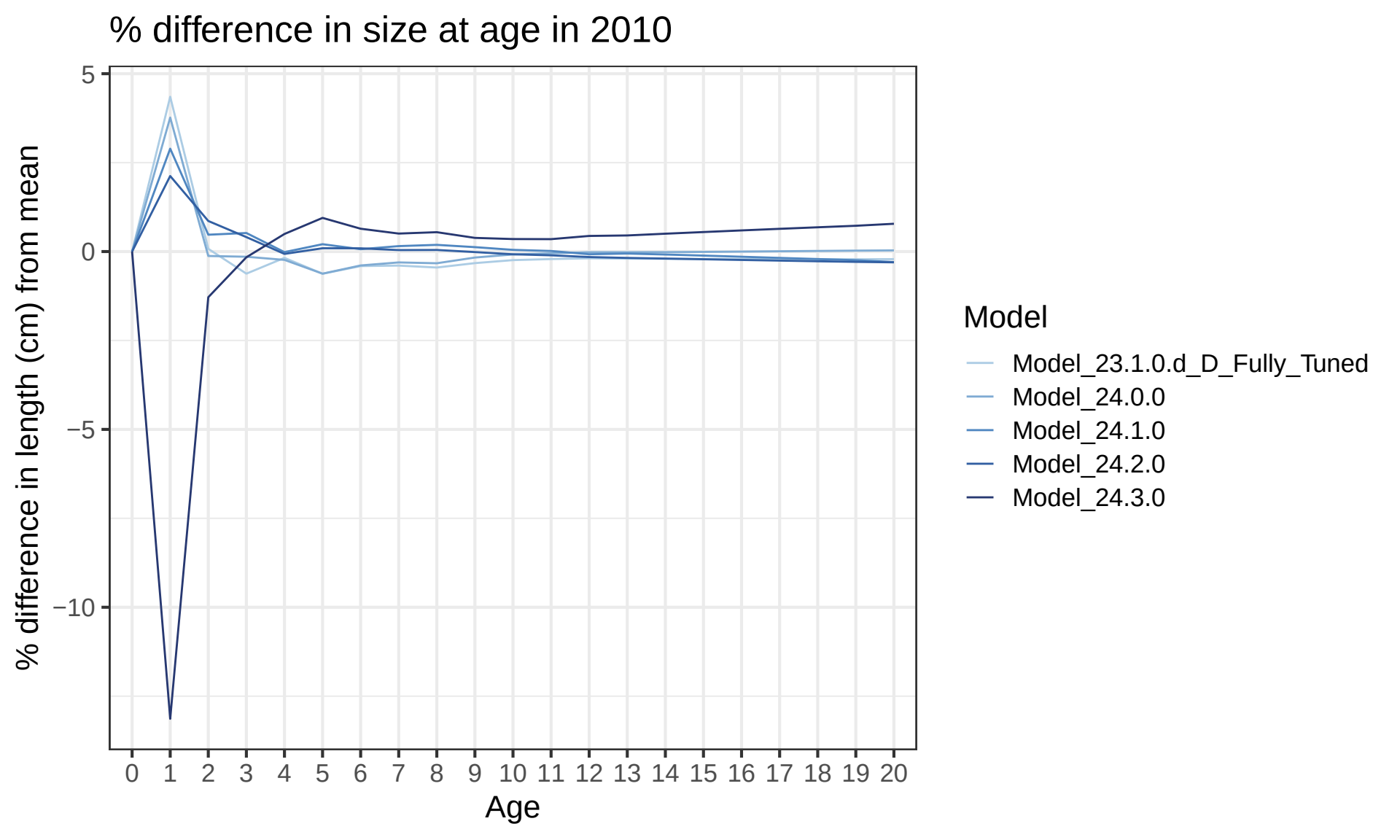

Size at age 12
Length (cm)
90.0
89.6
89.2
88.8
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3


Weight at age 12
Weight (kg)
9.8
9.7
9.6
9.5
9.4
1980
1990
2000
2010
2020
Year
Model
Model 23.1.0.d
Model 24.0
Model 24.1
Model 24.2
Model 24.3


Size at age in 2024
Length (cm)
100
75
50
25
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Age
Model
Model_23.1.0.d_D_Fully_Tuned
Model_24.0.0
Model_24.1.0
Model_24.2.0
Model_24.3.0


Size at age in 2010
Length (cm)
100
75
50
25
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Age
Model
Model_23.1.0.d_D_Fully_Tuned
Model_24.0.0
Model_24.1.0
Model_24.2.0
Model_24.3.0


% difference in size at age in 2024
% difference in length (cm) from mean
4
0
−4
−8
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Age
Model
Model_23.1.0.d_D_Fully_Tuned
Model_24.0.0
Model_24.1.0
Model_24.2.0
Model_24.3.0


% difference in size at age in 2010
% difference in length (cm) from mean
5
0
−5
−10
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Age
Model
Model_23.1.0.d_D_Fully_Tuned
Model_24.0.0
Model_24.1.0
Model_24.2.0
Model_24.3.0