**GBcod NMFS fall BTS** 35 30 25 60 Length (cm) 80 90 80 70 တ Year

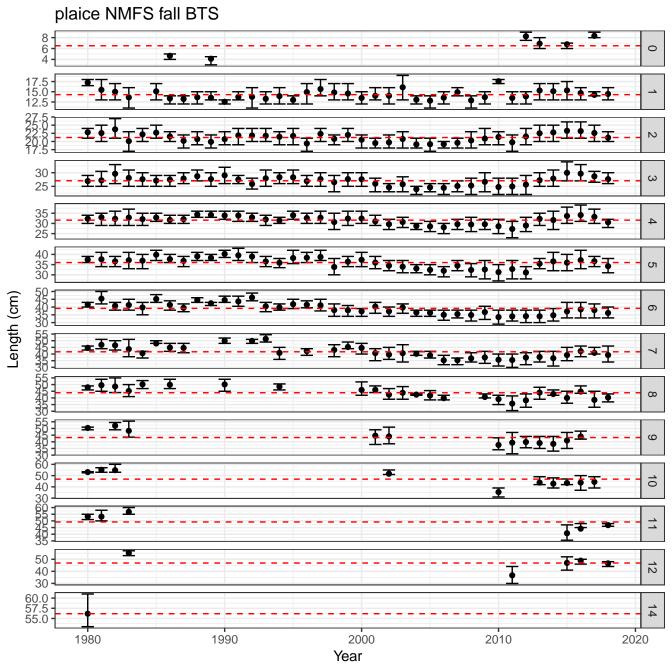
GBcod NMFS spring BTS 5.00 4.75 4.50 4.25 4.00 25 20 15 90 Length (cm) 90 80 70 60 100 90 80 70 100 90  $\infty$ **王** • 

Year

**GOMcod MADMF spring BTS** 6 -5 4 15 40 35 30 25 20 55 50 45 40 35 Length (cm) 80 -70 -60 50 80 70 60 -90 -80 70 95 -90 -85 -80 -1980 1990 2000 2010 Year

**GOMcod NMFS fall BTS** 15 10 5 60 Length (cm) 80 70 60 90 80 70  $\infty$ 110 100 90 Year

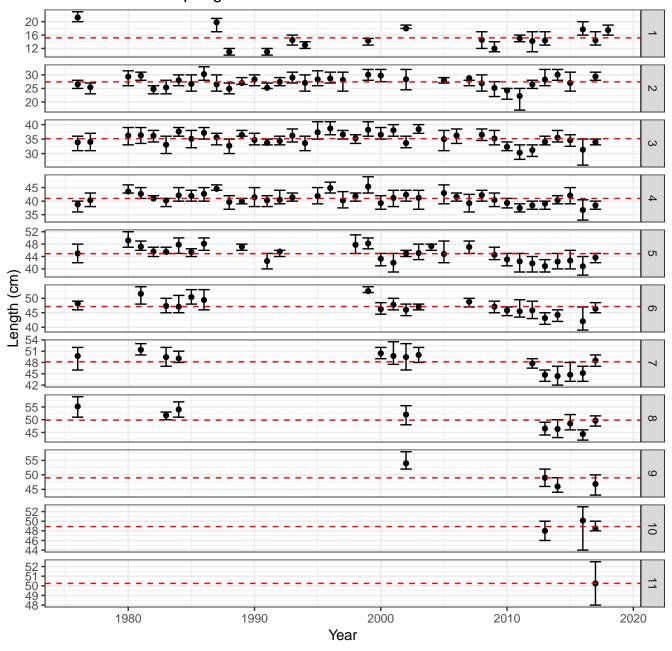
**GOMcod NMFS spring BTS** 50 40 ength (cm) 95 85 105 104 103  $\stackrel{\rightarrow}{\rightarrow}$ Year



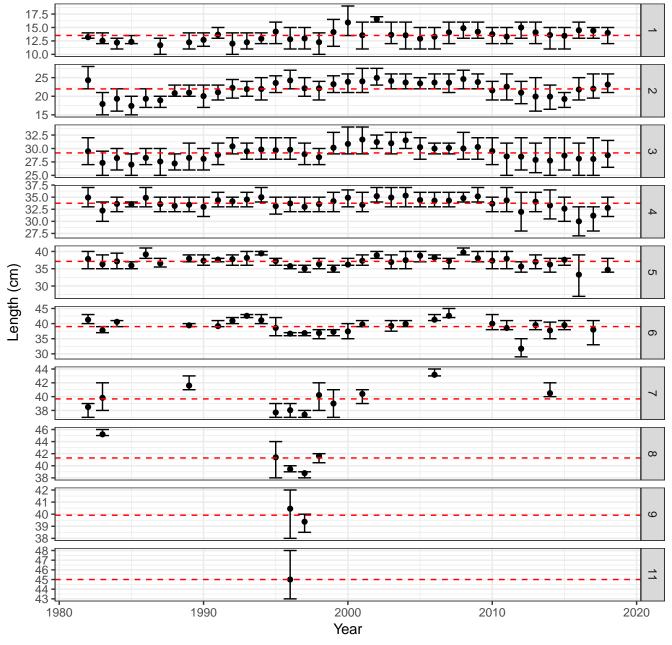
plaice NMFS spring BTS Length (cm) 49 -Year

**GBwinter NMFS fall BTS -** 7 **-** 5 · 32 · 28 · 24 · 20 32 ₹ ₹ 55 Length (cm) 52 48 44 56 -52 -48 -55.0 52.0 47.5 45.5 42.5 48 46 44 42  $\infty$ Year

GBwinter NMFS spring BTS



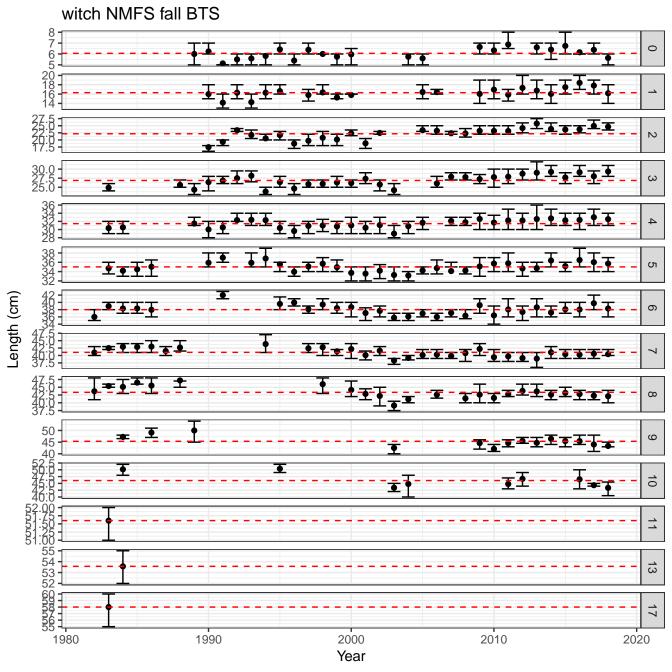
SNEMAwinter MADMF spring BTS



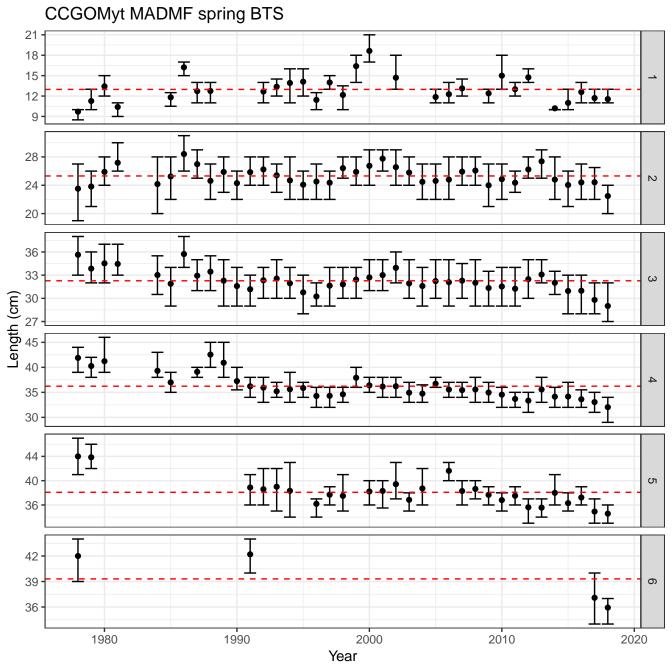
SNEMAwinter NMFS fall BTS 15 | 14 | 13 | 12 | 11 -10 -32.5 30.0 27.5 25.0 22.5 Length (cm) 47.5 45.0 42.5 40.0 37.5 44 -43 -42 -41 -40 -39 -48 -47 -46 -45 -44 -43 - $\infty$ Year

SNEMAwinter NMFS spring BTS Length (cm) 42.5 40.0 37.5 35.0 32.5 36 -ŢŢ 45 - $\infty$ 43 -40 -

Year



witch NMFS spring BTS Length (cm) Year



CCGOMyt NMFS fall BTS 15.0 -12.5 0 10.0 7.5 -24 20 16 36 32 28 24 Length (cm) 40 ယ 36 32 45 -40 35 · 48 -44 -S 40 ₹Ţ 36 -46.00 45.75 45.50 -0 45.25 -45.00 1980 2020 2000 1960 Year

CCGOMyt NMFS spring BTS 20.0 Ī ₤ 17.5 15.0 12.5 10.0 7.5 30.0 27.5 25.0 22.5 20.0 17.5 36 32 28 24 -Length (cm) 40 35 30 45 40  $\mathcal{O}_{\mathbf{J}}$ 35 42.5 40.0 37.5 35.0 32.5 50 45 40 -35 -1990 2000 1970 1980 2010 2020 Year

GByt NMFS fall BTS 30.0 27.5 25.0 22.5 20.0 17.5 ω Length (cm) 52 -ĪI 48 -တ I II 50.0 47.5 45.0 42.5 40.0 Year

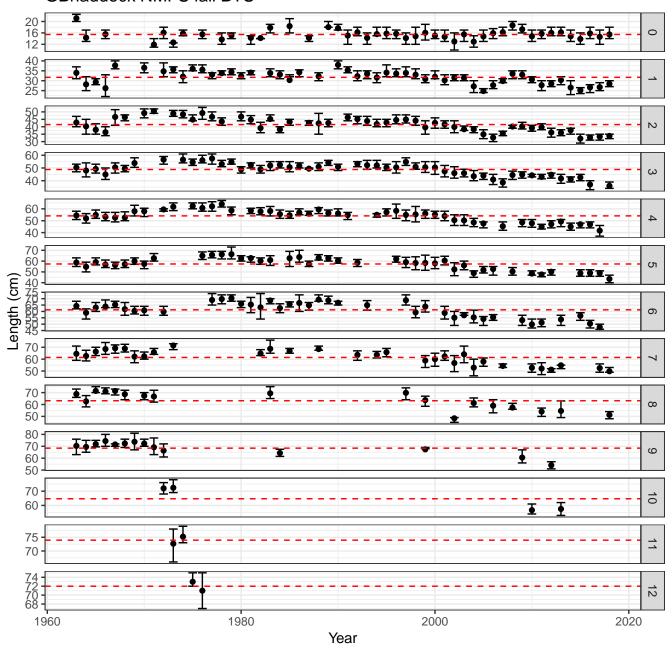
**GByt NMFS spring BTS** 14 -12 -10 8 32.5 30.0 N 27.5 25.0 22.5 40 36 32 -48 Length (cm) 44 -40 36 47.5 45.0 42.5 40.0 37.5 35.0 48 45 -0 42 39 50.0 Ī 47.5 45.0 42.5 ₮ 1970 1990 1980 2000 2010 Year

SNEMAyt NMFS fall BTS 20 15 10 5 27.5 25.0 22.5 20.0 17.5 37.5 35.0 32.5 30.0 27.5 25.0 40 36 ω Length (cm) 32 -28 -40 35 45 40 S 35 -45.0 42.5 ₹ 40.0 37.5 0 35.0 32.5 40 38 -36 34 -2000 1980 1960 2020

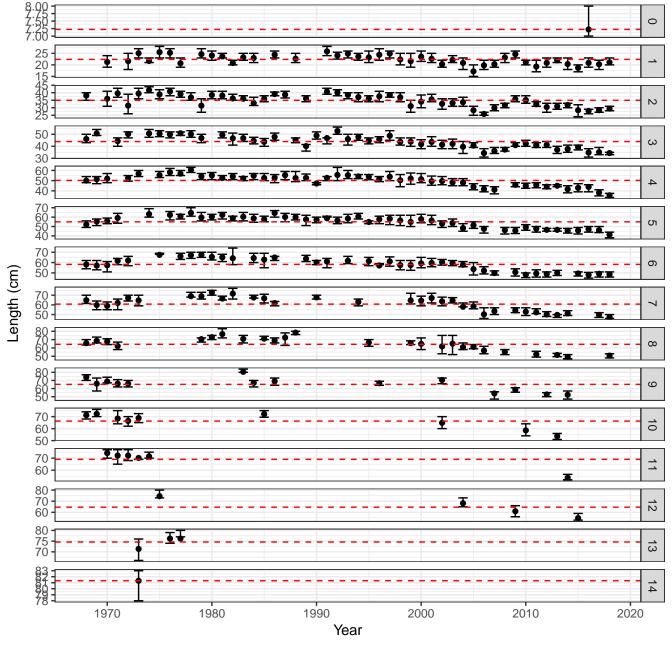
Year

SNEMAyt NMFS spring BTS 14 -12 -N Length (cm) 40 -45.0 42.5 40.0  $\infty$ 37.5 Year

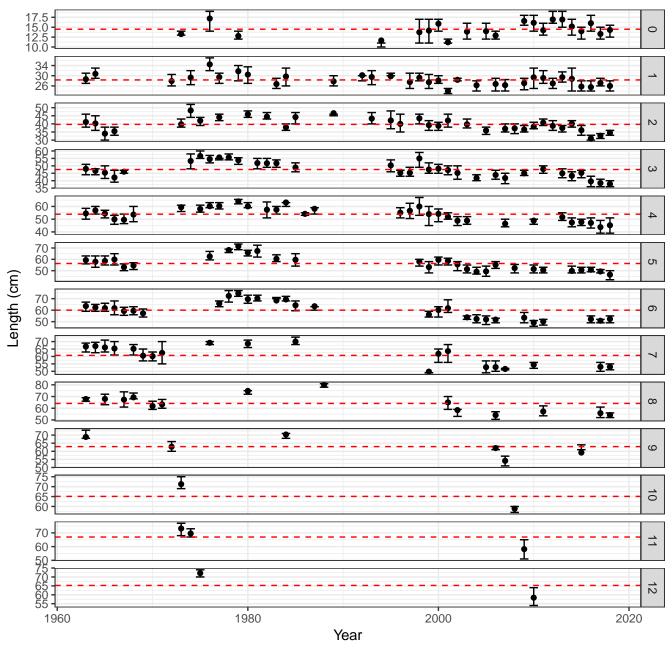
GBhaddock NMFS fall BTS



GBhaddock NMFS spring BTS



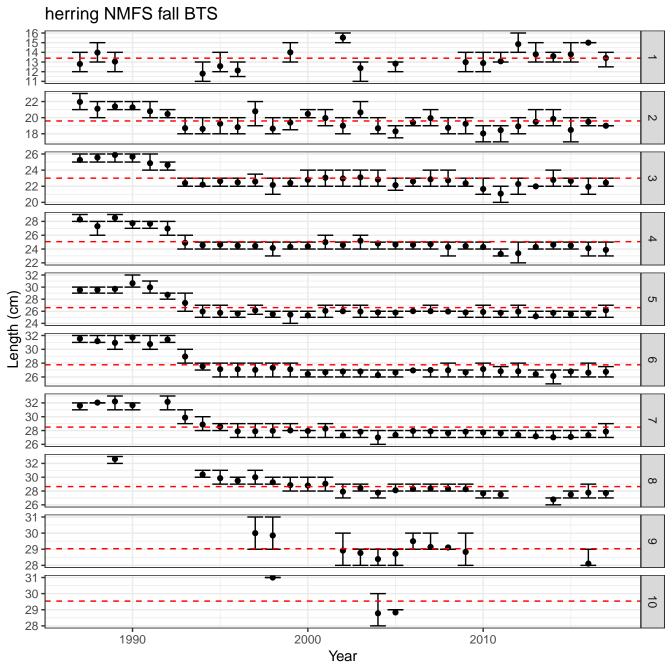
GOMhaddock NMFS fall BTS

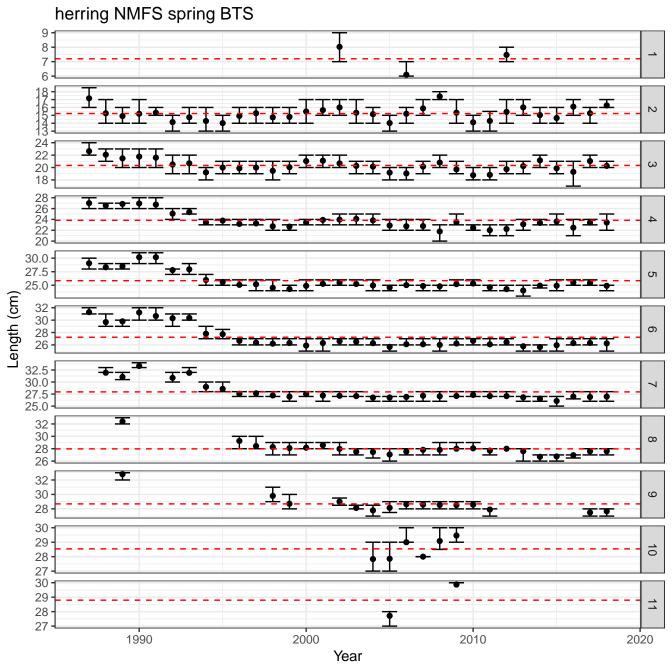


GOMhaddock NMFS spring BTS 25 -15 60 50 -ength (cm) 50 55 50 क॒ 60 50 50 Year

whitehake NMFS fall BTS 主主 30 25 20 45 35 55 50 45 65 60 55 50 Length (cm) 75 70 65 60 100 90 80 70  $\infty$ 95 90 85 80 Year

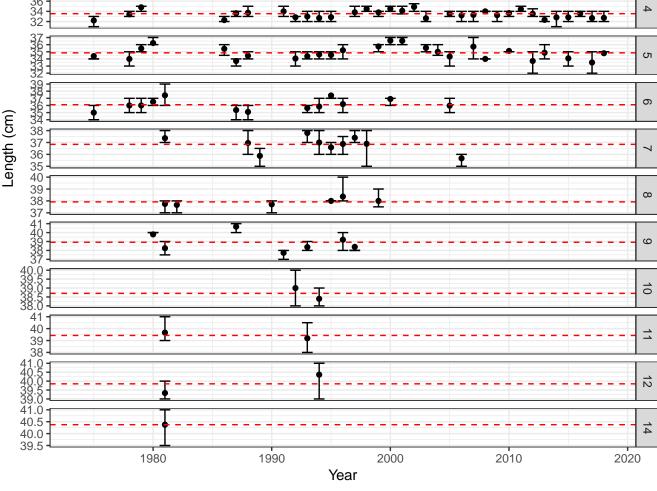
whitehake NMFS spring BTS 60 55 50 45 75 70 60 80 -70 -80 79 78 77 Year





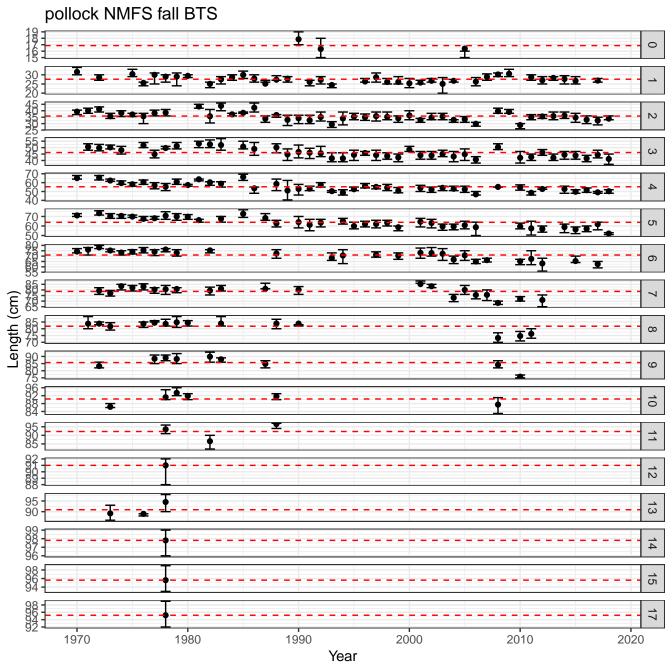
mackerel NMFS fall BTS 22.5 20.0 0 17.5 15.0 12.5 重 30.0 27.5 25.0 五丰 30 N 20 -33 **-**32 **-**31 **-**Tength (cm) 33.75 - 33.50 - 33 ω 4 33.25 -33.00 38.0 37.5 37.0 S 36.5 -36.0 39.0 38.5 38.0 တ 37.5 37.0 38.00 37.75 37.50 37.25 -37.00 -1980 1990 2000 2010 2020 Year

mackerel NMFS spring BTS 25.0 22.5 20.0 17.5 30.0 27.5 25.0 35.0 32.5 30.0 27.5 38 36 34 32 76547100006548765 3333 S 0 Length (cm) 40 39 38 37  $\infty$ 9 40.0 39.5 39.0 38.0 38.0 10 41 40 39 38



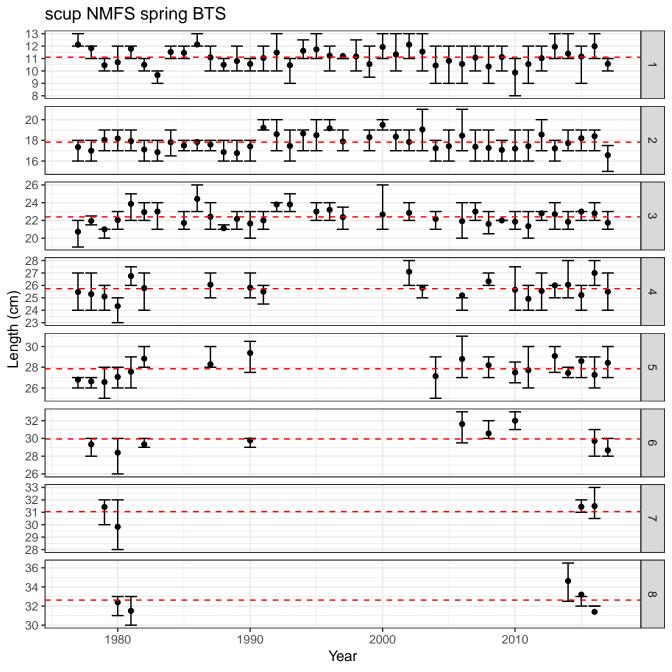
redfish NMFS fall BTS

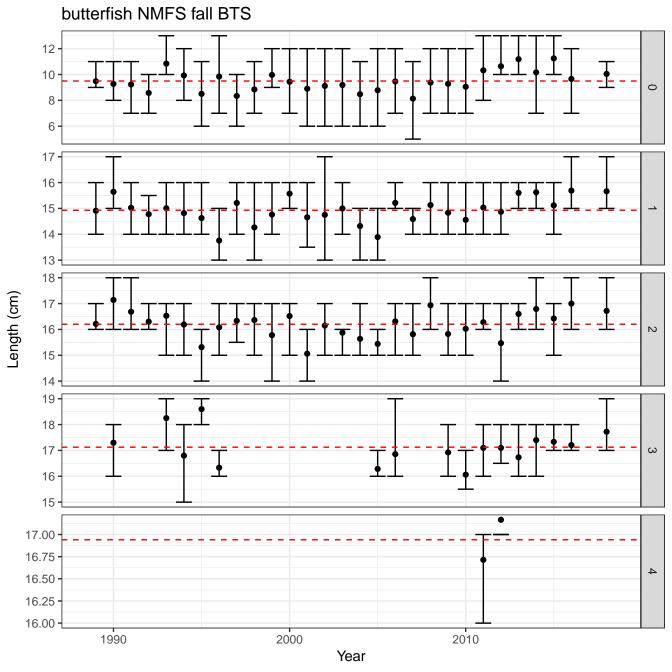
Year



pollock NMFS spring BTS \* Y TOTAL TO ength (cm) Year

scup NMFS fall BTS 16 14 12 24 22 20 18 27 25 23 30 28 26 37770987 47771-09 37777171 3777772 Length (cm) 32 30 28 33.05 33.15 33.25 33.25 33.25 33.35  $\infty$ Year





fluke MADMF spring BTS 36 -32 28 45 40 35 50 40 60 · 55 · 50 · 45 · 40 · Length (cm) 60 55 50 45 -40 -60 55 50 45 65.0 62.5 60.0 57.5 55.0 66 -64 - $\infty$ 62 60 -2000 2010 1980 1990 2020 Year

fluke NMFS fall BTS 35 30 25 20 <del>▗</del> 重重す 45 40 35 30 **≖**₹₹₹ <del>▗</del>▗▘▁▔ Length (cm) 75 -70 -65 -60 -55 65 60 55 50  $\infty$ 68 -64 -

Year

