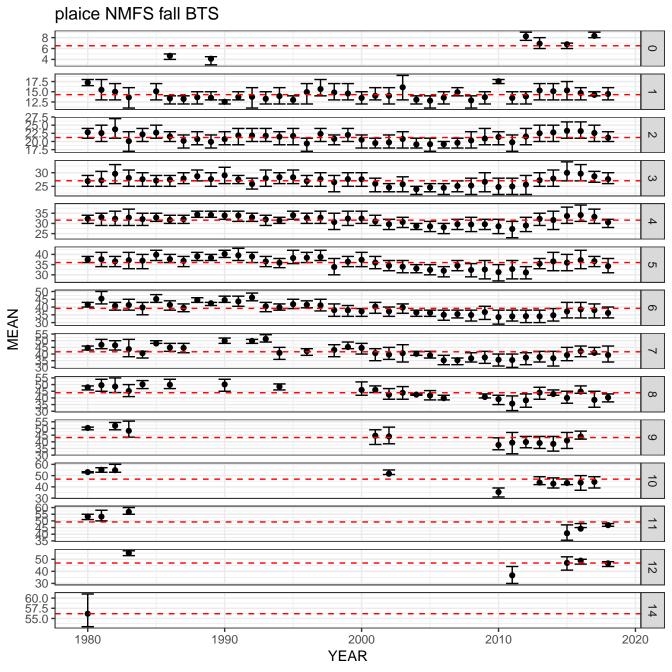
**GBcod NMFS fall BTS** 35 30 MEAN 80 70 တ  $\infty$ YEAR

GBcod NMFS spring BTS 5.00 4.75 4.50 4.25 4.00 25 20 15 60 90 90 80 70 60 100 90 80 70 100 90  $\infty$ **T** 1 

**GOMcod MADMF spring BTS** 6 -5 4 15 40 35 30 25 20 55 50 45 40 35 70 MEAN 50 40 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 80 70 60 90 80 70  $\infty$ 110 100 90 YEAR

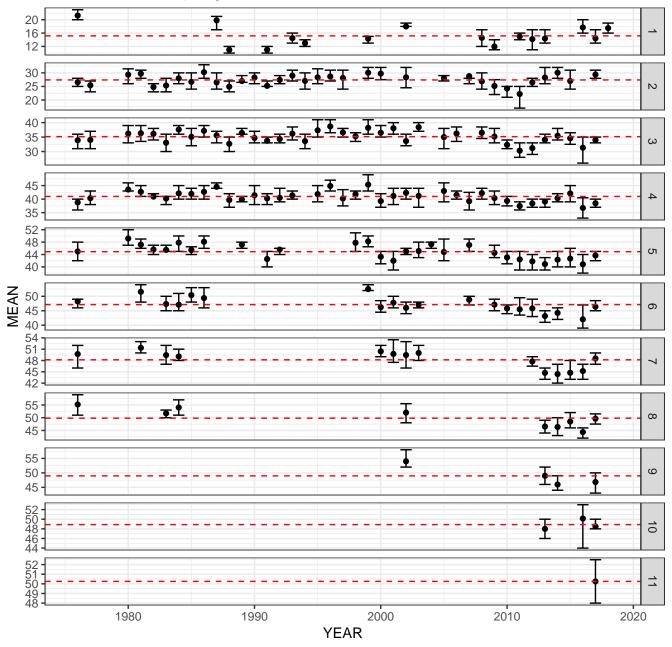
**GOMcod NMFS spring BTS** 50 40 95 85 105 104 103  $\stackrel{\rightarrow}{\rightarrow}$ 



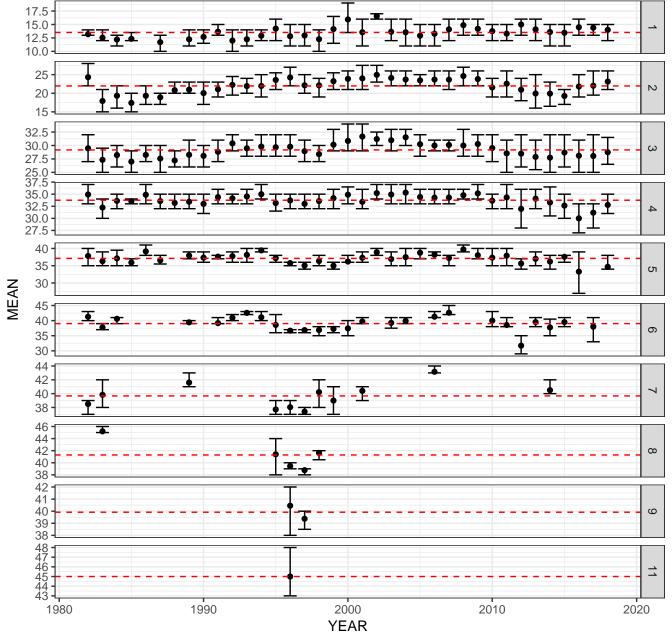
plaice NMFS spring BTS 49 -YEAR

**GBwinter NMFS fall BTS -** 7 **-** 5 · 32 · 28 · 24 · 20 32 ₹ ₹ MEAN 52 48 44 52 48 55.0 52.0 47.5 45.5 42.5 48 46 44 42  $\infty$ 

GBwinter NMFS spring BTS

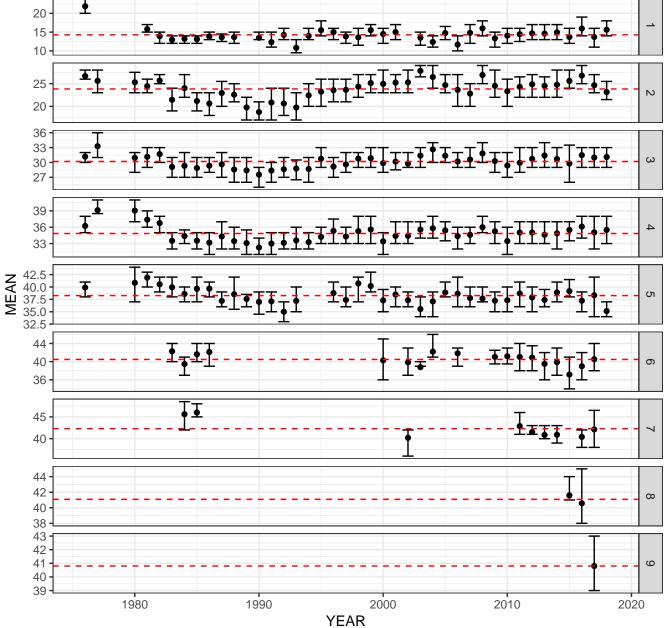


SNEMAwinter MADMF spring BTS



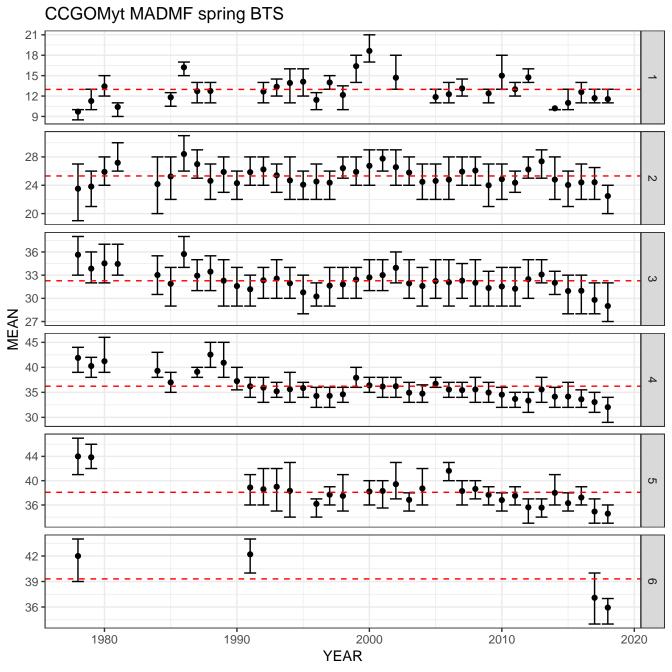
SNEMAwinter NMFS fall BTS 15 | 14 | 13 | 12 | 11 -10 -32.5 30.0 27.5 25.0 22.5 MEAN 47.5 45.0 42.5 40.0 37.5 44 -43 -42 -41 -40 -39 -48 -47 -46 -45 -44 -43 - $\infty$ 

SNEMAwinter NMFS spring BTS



witch NMFS fall BTS YEAR

witch NMFS spring BTS 



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

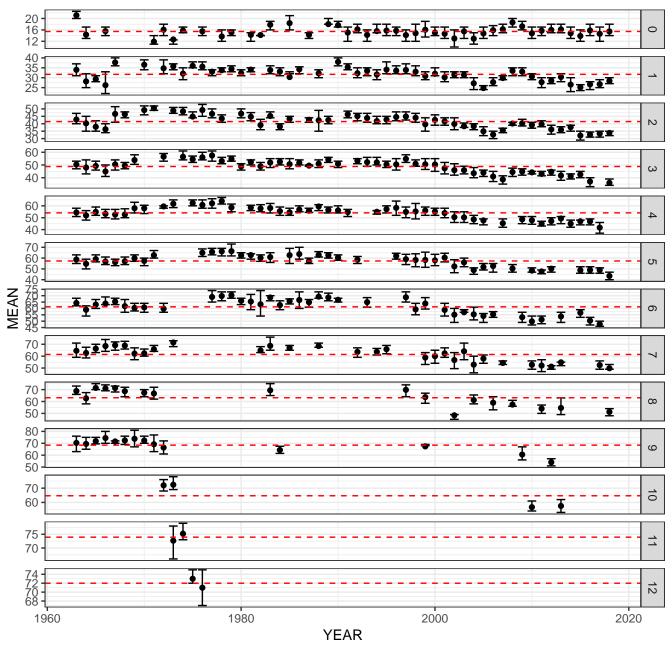
CCGOMyt NMFS spring BTS 20.0 Ī ₤ 17.5 15.0 12.5 10.0 7.5 30.0 27.5 25.0 22.5 20.0 17.5 36 32 28 24 -40 35 30 45 40  $\mathcal{O}_{\mathbf{J}}$ 35 42.5 40.0 37.5 35.0 32.5 50 45 40 -35 -1990 1970 1980 2000 2010 2020

GByt NMFS fall BTS 30.0 27.5 25.0 22.5 20.0 17.5 ω MEAN 36 -52 -ĪI တ I II 50.0 47.5 45.0 42.5 40.0 YEAR

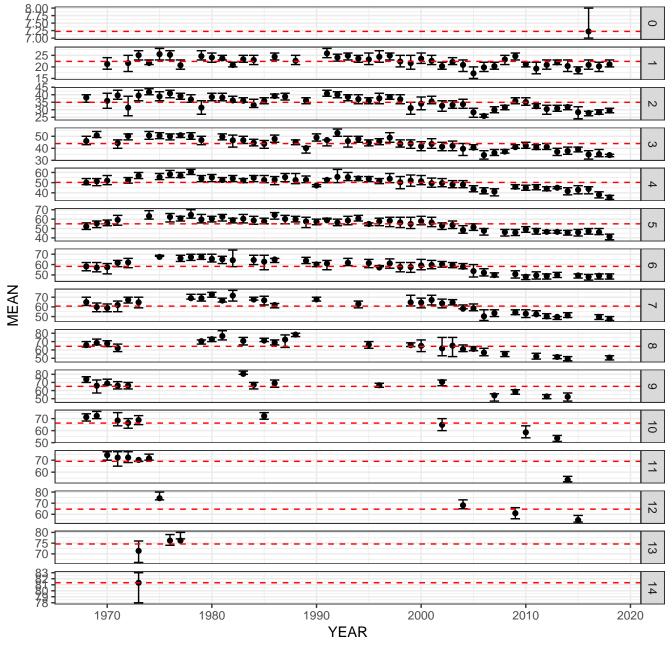
**GByt NMFS spring BTS** 14 -12 -10 8 32.5 30.0 N 27.5 25.0 22.5 40 36 32 48 44 40 36 47.5 45.0 42.5 40.0 37.5 35.0 48 45 -0 42 39 50.0 Ī 47.5 45.0 42.5 ₮ 1990 1970 1980 2000 2010 YEAR

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

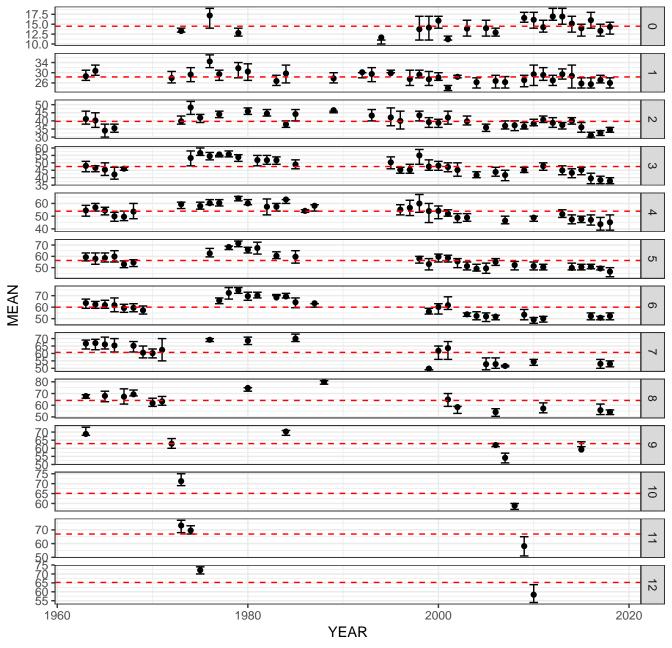
GBhaddock NMFS fall BTS



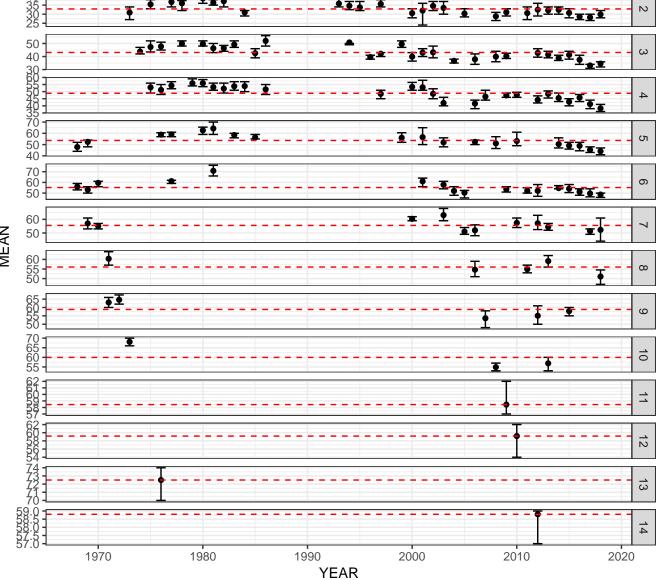
GBhaddock NMFS spring BTS



GOMhaddock NMFS fall BTS

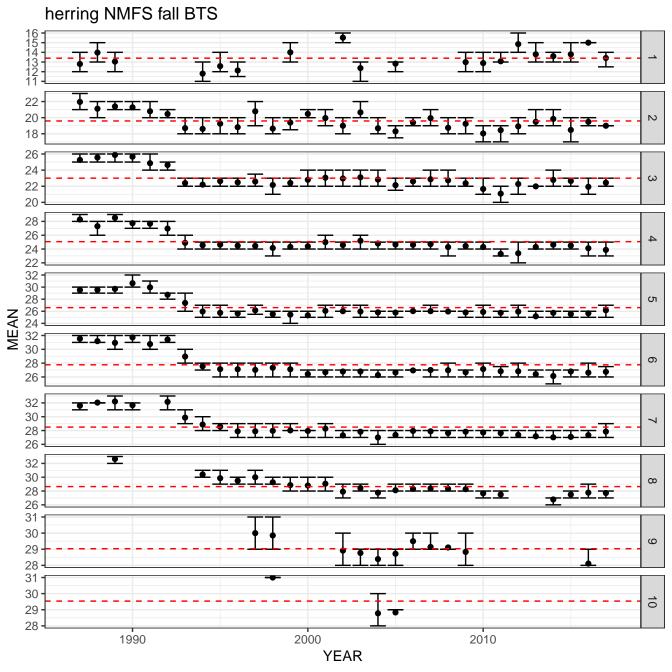


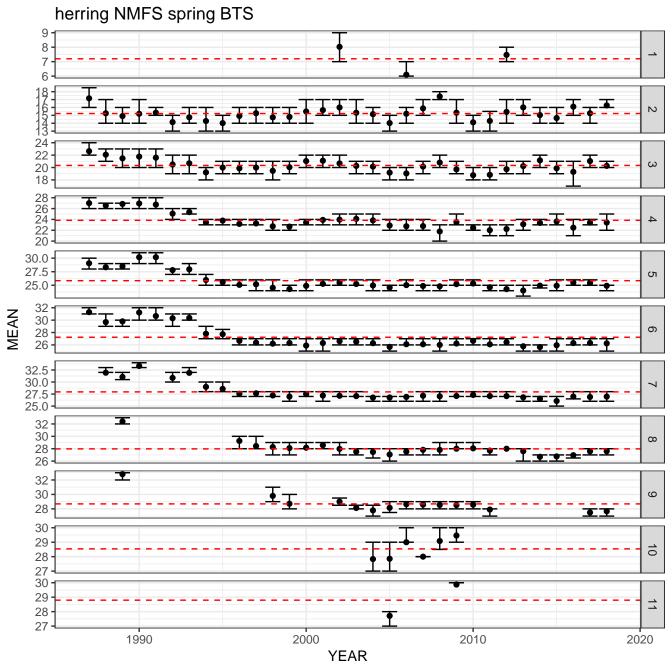
GOMhaddock NMFS spring BTS 25 -15 60 50 55 50 <u>ቆ</u>ቜ



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

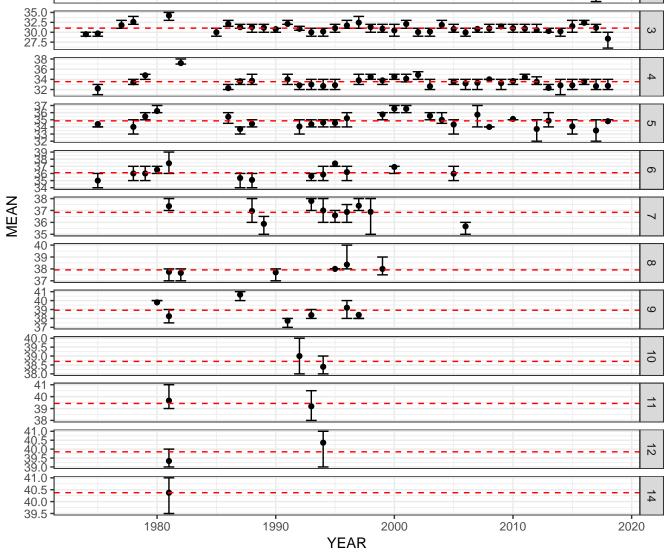
whitehake NMFS spring BTS 30 -60 55 50 45 WEAN 60 75 70 60 80 -70 -80 79 78 77 YEAR



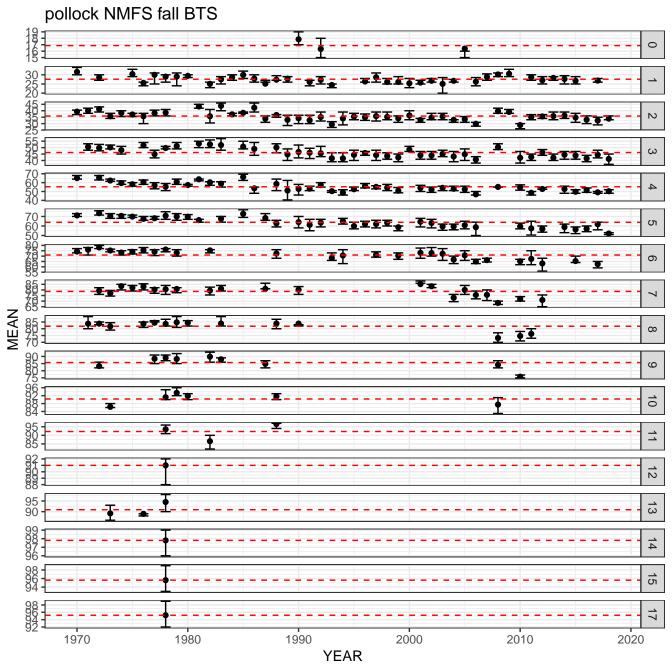


mackerel NMFS fall BTS 22.5 20.0 0 17.5 15.0 12.5 重 30.0 27.5 25.0 五丰 30 N 20 -33 **-**32 **-**31 ω 30 29 29 - 28 - 28 - 34.00 - 33.75 33.75 -33.50 4 33.25 -33.00 38.0 37.5 37.0 S 36.5 -36.0 39.0 -38.5 38.0 တ 37.5 37.0 38.00 37.75 37.50 37.25 -37.00 -1980 1990 2000 2010 2020 YEAR

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 S 0 38 37 36 35 40 39 38 37  $\infty$ 9 10

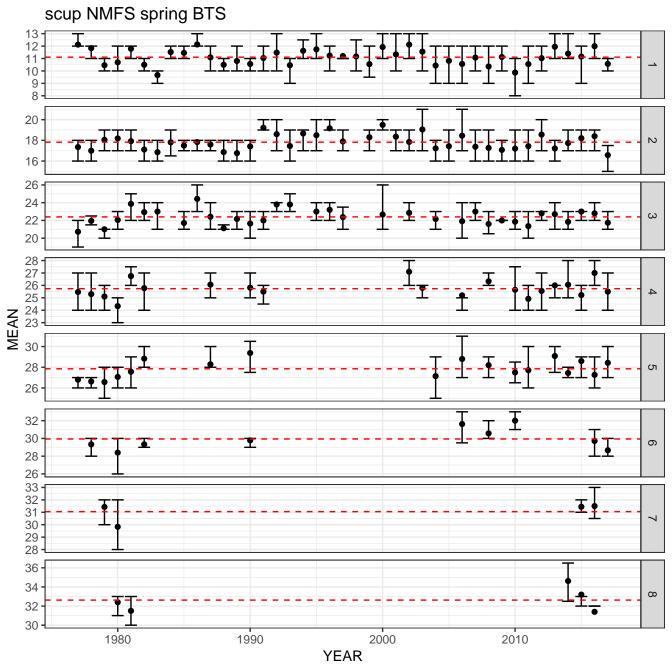


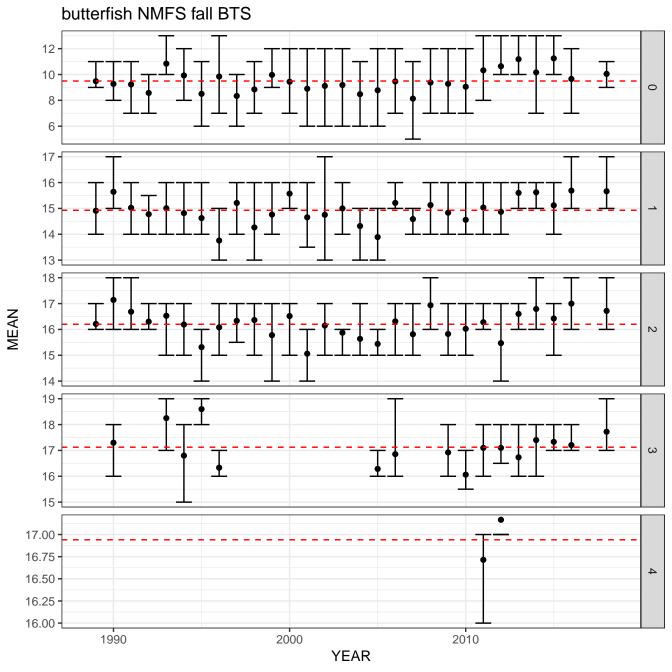
redfish NMFS fall BTS 



pollock NMFS spring BTS \* Y TOTAL TO 

scup NMFS fall BTS 16 14 12 24 22 20 18 27 25 23 30 28 26 MEAN 34 32 30 28 33.05 31.5 00 332.5 05 332.  $\infty$ YEAR





fluke MADMF spring BTS 36 -32 28 45 40 35 50 40 60 **-**55 **-**50 · 45 · MEAN 40 60 -55 50 45 -40 -60 55 0 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 ≖┰┸┰┰ **→** ▼ ▼ <u>\*</u> 75 -70 -65 -60 -55 -65 60 55 50 68 -64 -

fluke NMFS spring BTS 36 -35 30 25 20 ∡∡<sup>∡</sup>Ţ 45 40 55 · 50 · 45 · 55 50 45 WEAN 70 65 -60 -55 -50 -45 -70 50 -YEAR