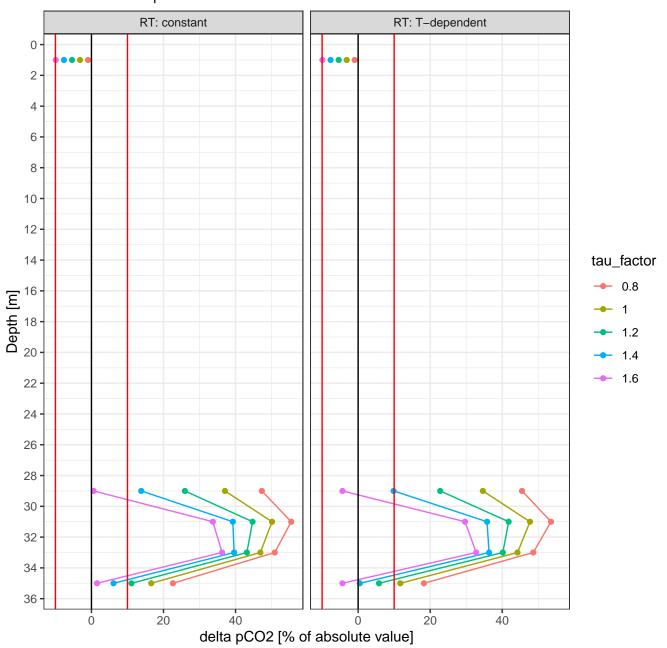
Date: 180705 | Station: P01 RT: constant RT: T-dependent 0 -2 -6 -8 -10 -12 tau_factor 0.8 Depth [m] 1.2 18 **-**1.4 1.6 20 -22 -24 -26 -28 -30 -32 --5 <u>-</u>5 -10 0 10 -10 5 10 delta pCO2 [% of absolute value]

Date: 180705 | Station: P02



Date: 180705 | Station: P03 RT: constant RT: T-dependent 0 2 -4 -6 -8 -10 tau_factor 12 -- 0.8 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 --20 20 -20 20 0 40 40

delta pCO2 [% of absolute value]

Date: 180705 | Station: P04 RT: constant RT: T-dependent 0 -2 -6 -8 -10 -12 tau_factor - 0.8 Depth [m] 1.2 18 **-**1.4 1.6 20 -22 -24 -26 -28 -30 -32 --5 -10-5 0 10 -10 0 5 10

delta pCO2 [% of absolute value]

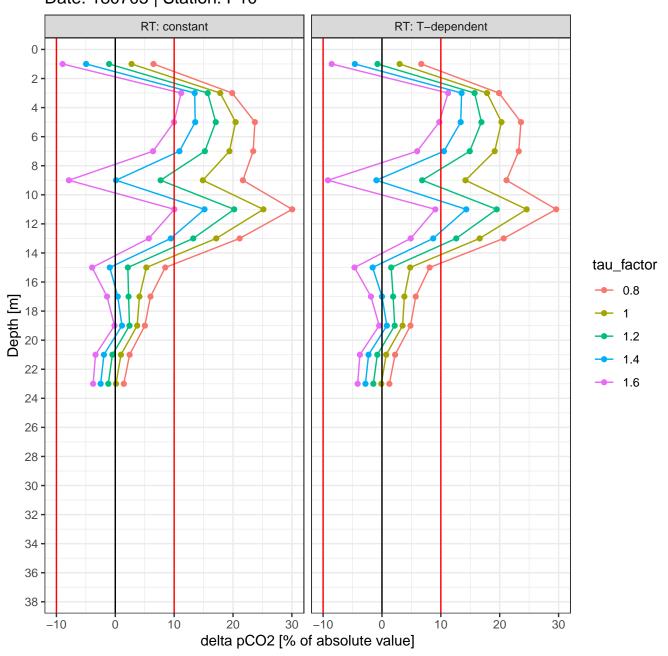
Date: 180705 | Station: P05 RT: constant RT: T-dependent 0 2 -4 -6 -8 -10 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 -5 <u>-</u>5 <u>-</u>5 -10 0 10 -10 10 delta pCO2 [% of absolute value]

Date: 180705 | Station: P07 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 12 -0.8 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 --10-100 10 10 delta pCO2 [% of absolute value]

Date: 180705 | Station: P08 RT: constant RT: T-dependent 0 2 -4 -6 -8 -10 tau_factor 12 -8.0 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 --1010 20 -10 10 20 delta pCO2 [% of absolute value]

Date: 180705 | Station: P09 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 10 -0.8 Depth [m] 1.2 1.4 14 -1.6 16 -18 -20 -22 -24 --5 5 **-**5 -10 Ö 10 -10 Ö 5 10 delta pCO2 [% of absolute value]

Date: 180705 | Station: P10



Date: 180705 | Station: P11 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 -5 **-**5 -10 **-**5 10 -10 Ö 10 delta pCO2 [% of absolute value]

Date: 180705 | Station: P12 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 10 -- 0.8 Depth [m] 1.2 1.4 14 -1.6 16 -18 -20 -22 -24 -5 <u>-</u>5 -10 Ö 10 -10 -5 10 delta pCO2 [% of absolute value]

Date: 180709 | Station: P01 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 12 -0.8 Depth [m] 1.2 1.4 16 -1.6 18 -20 -22 -24 -26 -28 -20 -20 -20 -100 10 -10 10 20

delta pCO2 [% of absolute value]

Date: 180709 | Station: P02 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 10 -- 0.8 Depth [m] 1.2 1.4 14 -1.6 16 -18 -20 -22 -24 · 20 30 -10 20 -100 10 10 30 delta pCO2 [% of absolute value]

Date: 180709 | Station: P03 RT: constant RT: T-dependent 0 2 -6 -8 -10 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 -20 30 20 -10 0 10 -1010 30 delta pCO2 [% of absolute value]

Date: 180709 | Station: P04 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 10 -0.8 Depth [m] 1.2 1.4 14 -1.6 16 -18 -20 -22 -24 -5 -5 -10 **-**5 -10Ö 10 0 10 delta pCO2 [% of absolute value]

Date: 180709 | Station: P05 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 12 -8.0 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 -<u>-</u>5 -10-5 0 10 -10 Ö 5 10 delta pCO2 [% of absolute value]

Date: 180709 | Station: P07 RT: constant RT: T-dependent 0 2 -4 -6 -8 -10 tau_factor 12 -- 0.8 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 --20 -30 -30 -20 -10 10 -10 0 10 delta pCO2 [% of absolute value]

Date: 180709 | Station: P08 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 10 -0.8 Depth [m] 1.2 1.4 14 -1.6 16 -18 -20 -22 -24 5 <u>-</u>5 -10 -5 Ö 10 -10 10

delta pCO2 [% of absolute value]

Date: 180709 | Station: P09 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 12 -- 0.8 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 --100 10 -10 10 delta pCO2 [% of absolute value]

Date: 180709 | Station: P10 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 12 -8.0 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 --100 10 -10 10 delta pCO2 [% of absolute value]

Date: 180709 | Station: P11 RT: constant RT: T-dependent 0 2 -4 -6 -8 -10 tau_factor 12 -0.8 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 -20 20 -100 10 30 -10 10 30 delta pCO2 [% of absolute value]

Date: 180709 | Station: P12 RT: constant RT: T-dependent 0 -2 -6 -8 -10 -12 tau_factor 0.8 Depth [m] 1.2 18 **-**1.4 1.6 20 -22 -24 -26 -28 -30 -

-10

delta pCO2 [% of absolute value]

20

10

32 -

-10

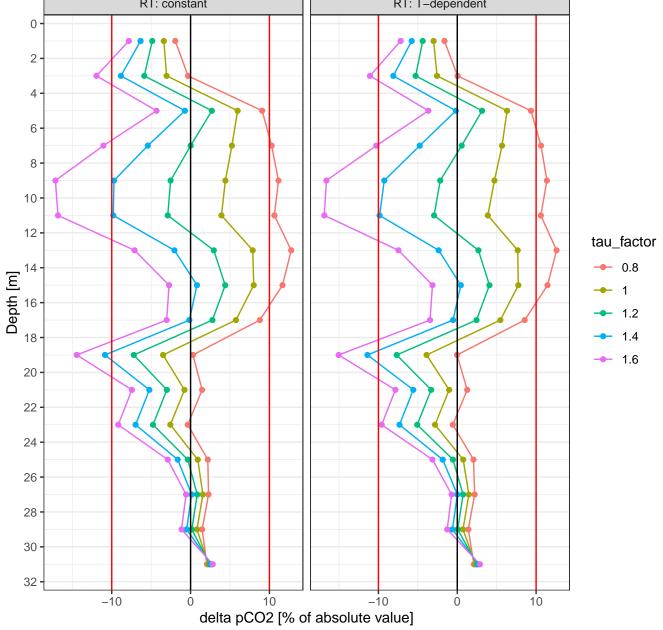
0

10

20

Date: 180709 | Station: P06 RT: constant RT: T-dependent 0 2 -4 -6 -8 -10 tau_factor 12 -8.0 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 -20 30 -10 -100 10 10 20 30 delta pCO2 [% of absolute value]

Date: 180709 | Station: P13 RT: constant RT: T-dependent 0 -2 -6 -8 tau_factor 8.0 1.2 1.4 1.6



Date: 180716 | Station: P01 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 -12 tau_factor Depth [m] - 0.8 1.2 18 **-**1.4 1.6 20 -22 -24 -26 -28 -30 -32 -

-10

10

20

20

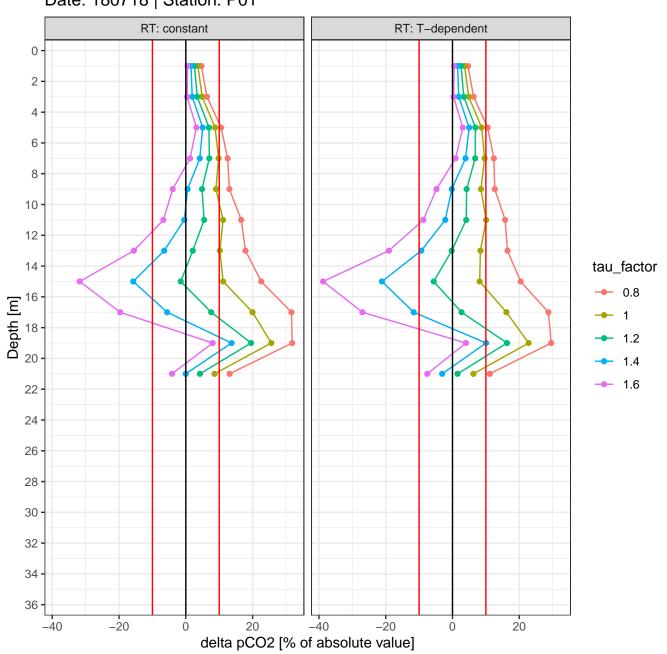
delta pCO2 [% of absolute value]

-10

0

10

Date: 180718 | Station: P01



Date: 180718 | Station: P02 RT: constant RT: T-dependent 0 2 -4 -6 -8 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 14 -16 -18 -20 -22 · -20 -20-10 -10 0 10 0 10 delta pCO2 [% of absolute value]

Date: 180718 | Station: P03 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 12 -0.8 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -

-20

20

40

-40

delta pCO2 [% of absolute value]

28 -

30 ·

-40

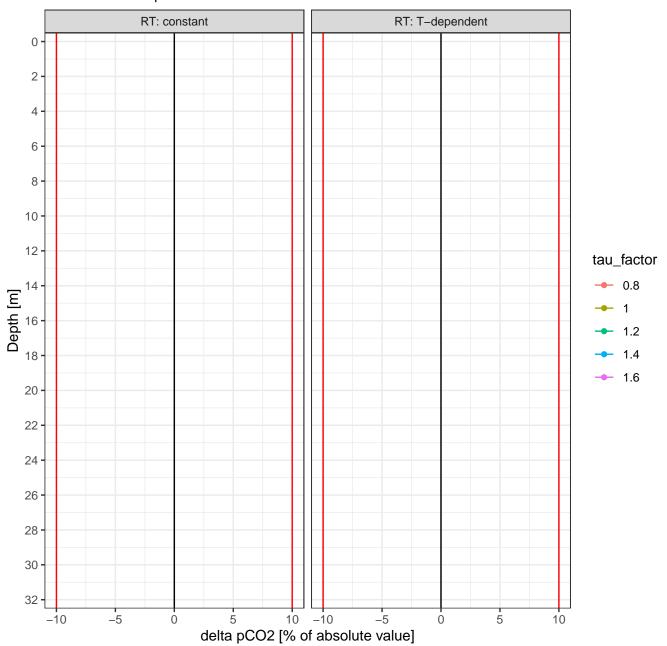
-20

0

20

40

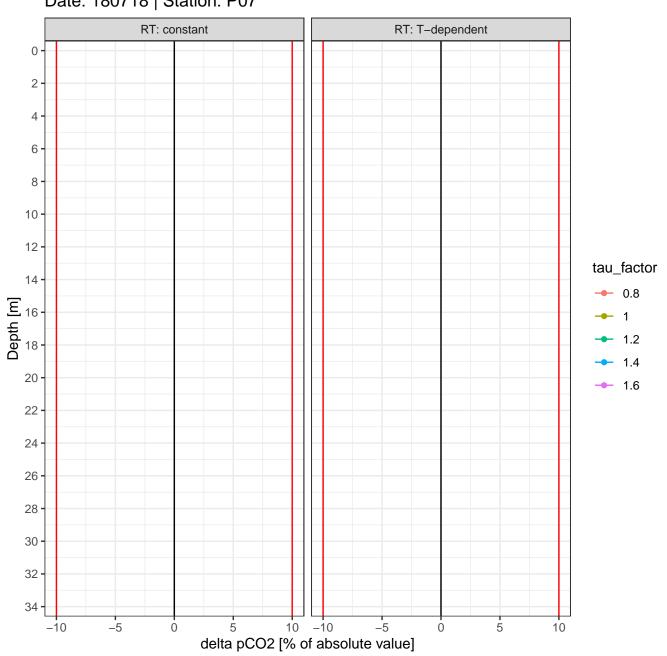
Date: 180718 | Station: P04



Date: 180718 | Station: P05 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 0.8 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 -20 20 -10 -10 Ö 10 10

delta pCO2 [% of absolute value]

Date: 180718 | Station: P07



Date: 180718 | Station: P08 RT: constant RT: T-dependent 0 2 -4 -6 -8 -10 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 -20 -20 -20 -10 0 10 -10 0 10 20 delta pCO2 [% of absolute value]

Date: 180718 | Station: P09 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 12 -8.0 Depth [m] 1.2 1.4 16 -1.6 18 -20 -22 -24 -26 -28 -20 20 -20 -20 Ö 40 40 delta pCO2 [% of absolute value]

Date: 180718 | Station: P10 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 12 -- 0.8 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 -20 20 -10 0 10 30 -10 10 30

delta pCO2 [% of absolute value]

Date: 180718 | Station: P11 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 8.0 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 --100 10 -1010 delta pCO2 [% of absolute value]

Date: 180718 | Station: P12 RT: constant RT: T-dependent 0 2 -4 -6 -8 -10 tau_factor 12 -8.0 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -

-20

delta pCO2 [% of absolute value]

-10

20

10

30 -

-20

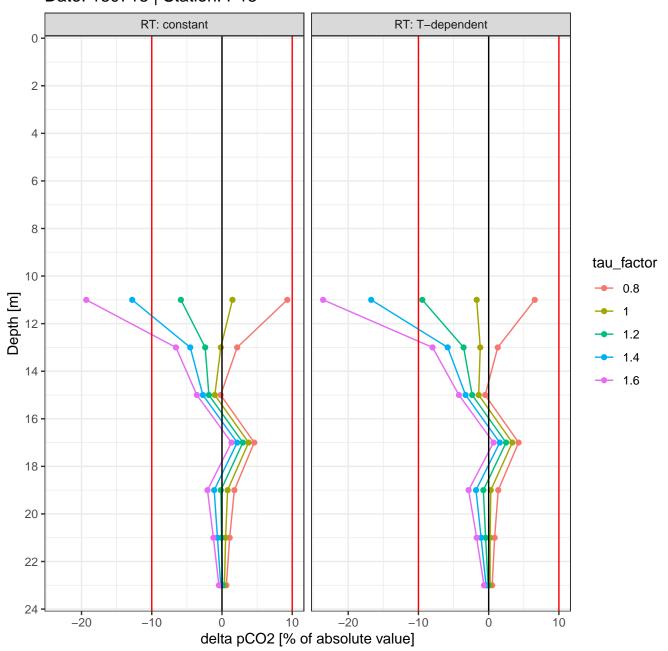
-10

0

10

20

Date: 180718 | Station: P06 RT: constant RT: T-dependent 0 2 -6 -8 -10 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 -20 -1010 -10 10 20 delta pCO2 [% of absolute value]

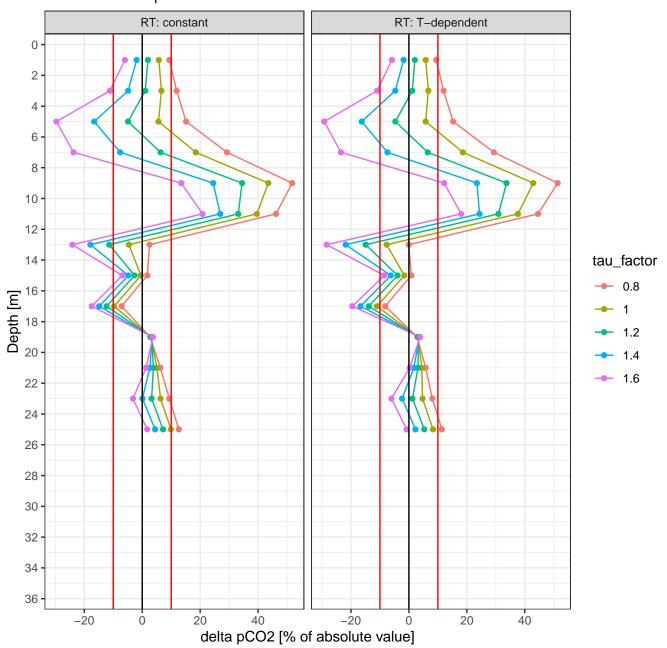


Date: 180723 | Station: P01 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 12 -8.0 Depth [m] 1.2 1.4 18 -1.6 20 -22 -24 -26 -28 -30 -20 40 20 40 Ö

delta pCO2 [% of absolute value]

Date: 180723 | Station: P02 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 -12 -14 tau_factor Depth [m] 18-- 0.8 1.2 1.4 1.6 22 -24 -26 -28 -30 -32 -34 -36 -20 20 -20 -20 0 40 40

delta pCO2 [% of absolute value]



Date: 180723 | Station: P04 RT: constant RT: T-dependent 2 -4 -6 -8 -10 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 16 -18 -20 -22 -24 -

-5

10 -10

delta pCO2 [% of absolute value]

5

10

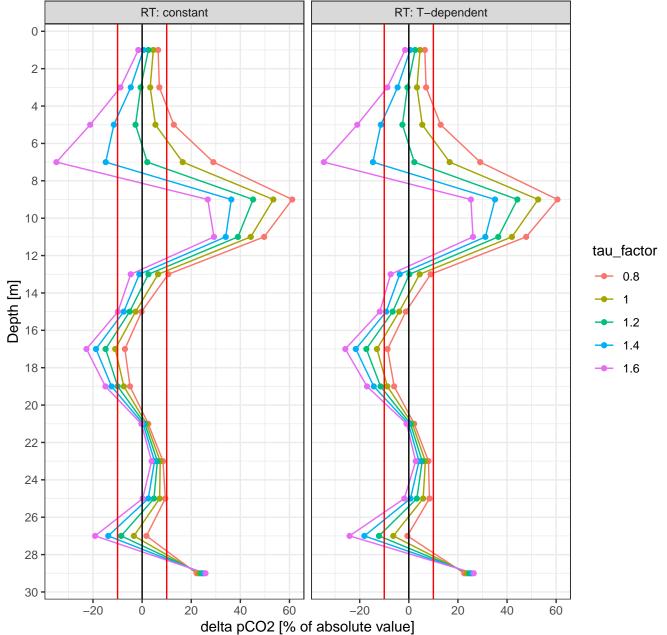
26 -

-10

<u>-</u>5

Ö

Date: 180723 | Station: P05 RT: constant RT: T-dependent 0 2 -4 -6 -8 -10 -



Date: 180723 | Station: P07 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 -12 tau_factor 14 -- 0.8 Depth [m] 1.2 1.4 20 -1.6 22 -24 -26 -28 -30 -32 -34 -

-20

delta pCO2 [% of absolute value]

60

20

40

60

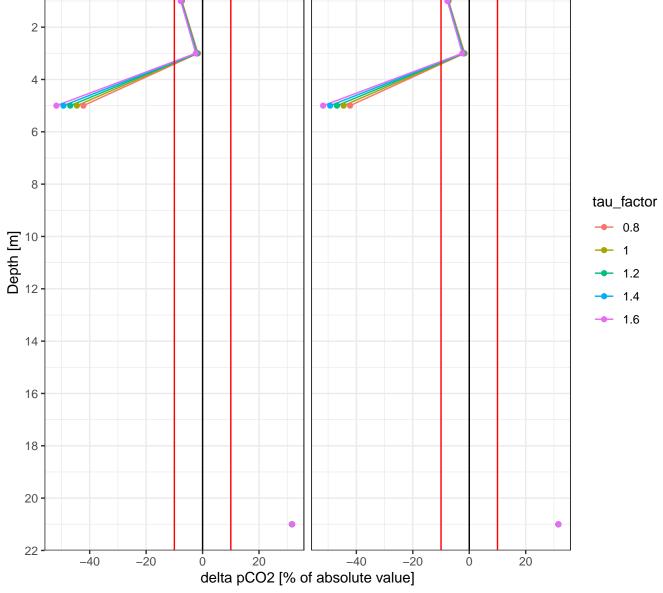
20

0

-20

40

Date: 180723 | Station: P09 RT: constant RT: T-dependent 0 4 tau_factor 0.8 1.2 1.4 1.6

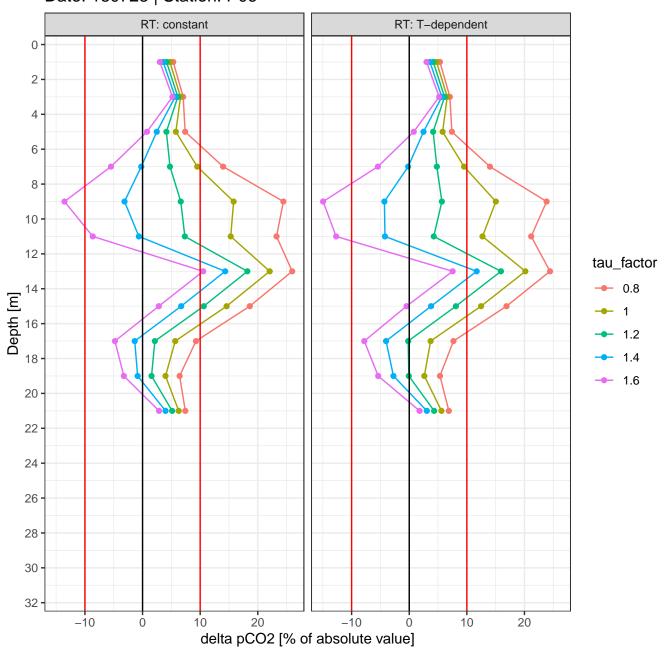


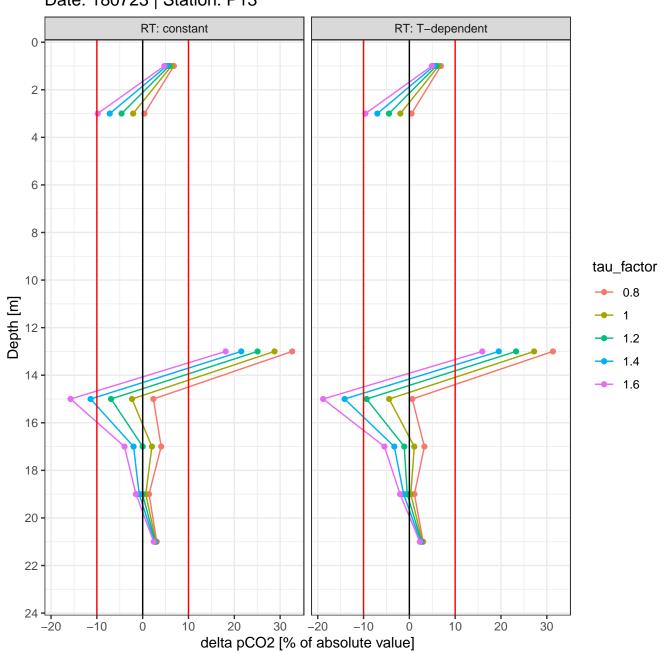
Date: 180723 | Station: P10 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 -12 tau_factor 14 -- 0.8 Depth [m] 1.2 1.4 20 -1.6 22 -24 -26 -28 -30 -32 -34 -20 20 -20 40 -20 Ö 40

delta pCO2 [% of absolute value]

Date: 180723 | Station: P11 RT: constant RT: T-dependent 0 2 -4 -6 -8 tau_factor 8.0 Depth [m] 1.2 1.4 1.6 14 -16 -18 -20 -22 · 20 -1010 30 20 0 -10 10 30 delta pCO2 [% of absolute value]

Date: 180723 | Station: P12 RT: constant RT: T-dependent 0 2 -4 -6 -8 tau_factor 0.8 Depth [m] 1.2 1.4 1.6 14 -16 -18 -20 -22 -10 20 -10 10 0 10 20 delta pCO2 [% of absolute value]





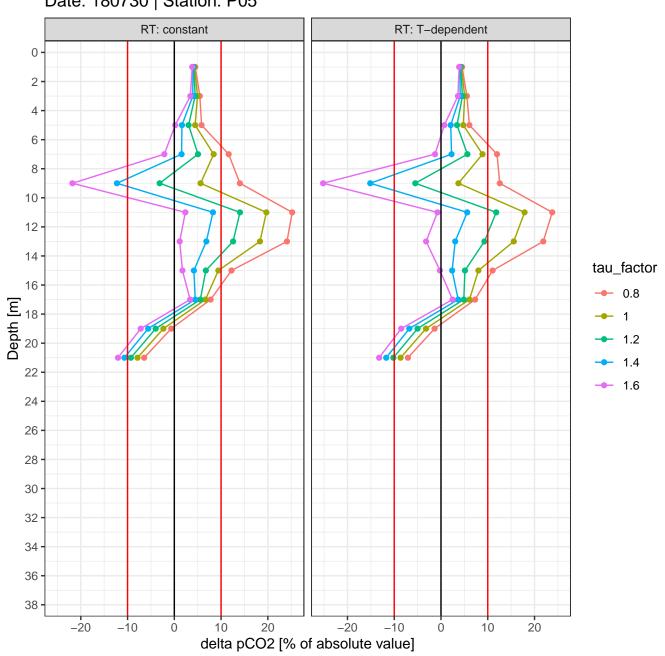
Date: 180730 | Station: P01 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 0.8 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 --20 20 -20 20 Ö 40 40 delta pCO2 [% of absolute value]

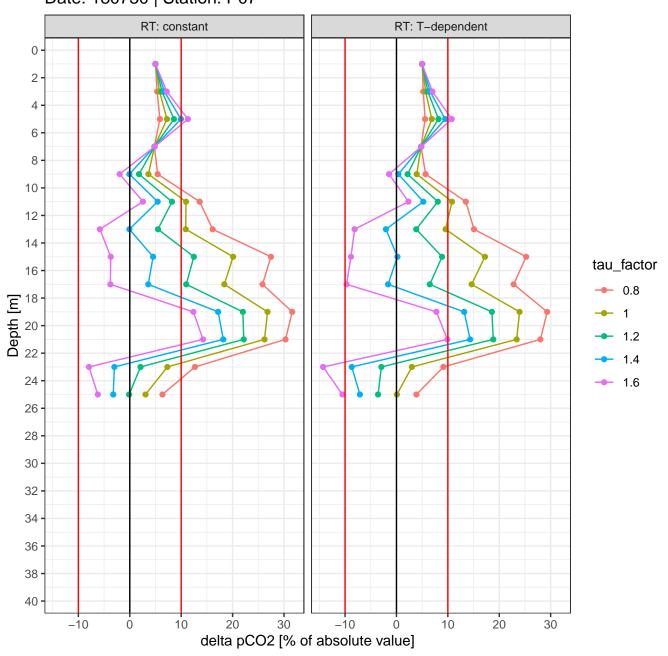
Date: 180730 | Station: P02 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 10 -0.8 Depth [m] 1.2 1.4 14 -1.6 16 -18 -20 -22 -24 -20 30 -20 -20 -10 0 10 -1010 20 30 delta pCO2 [% of absolute value]

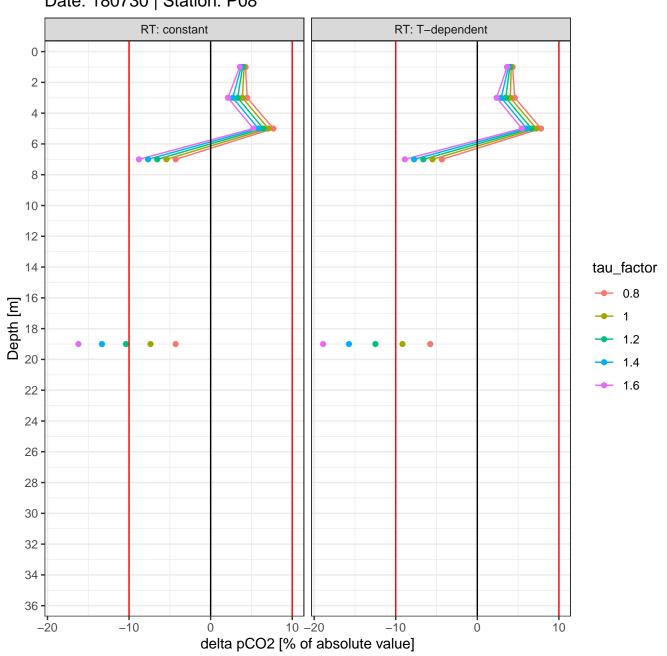
Date: 180730 | Station: P03 RT: constant RT: T-dependent 0 2 -4 -6 -8 -10 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 16 -18 -20 -22 -24 -26 --20 -20 -10 10 -10 0 10

delta pCO2 [% of absolute value]

Date: 180730 | Station: P04 RT: constant RT: T-dependent 0 2 -6 -8 -10 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 -20 -20 20 -20 delta pCO2 [% of absolute value]



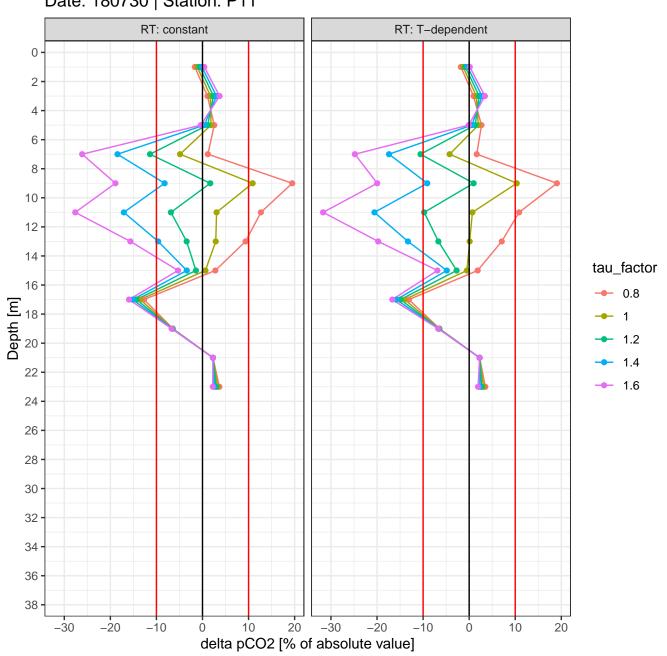


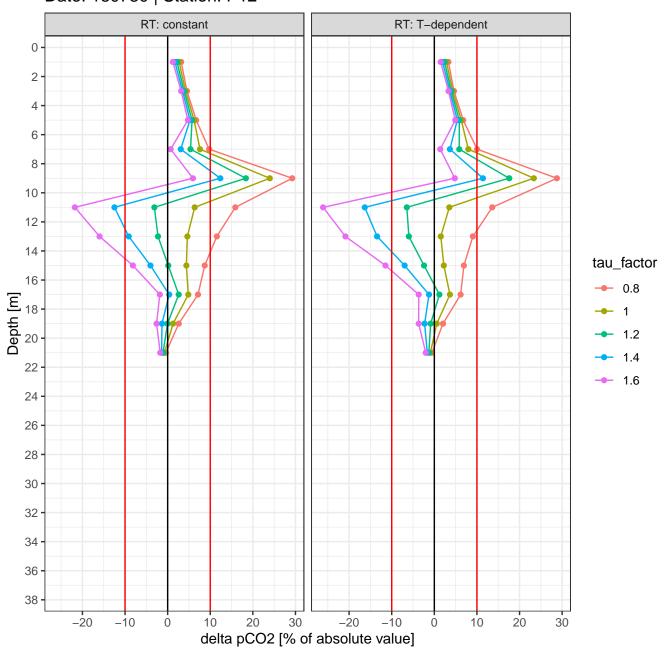


Date: 180730 | Station: P09 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 10 -- 0.8 Depth [m] 1.2 1.4 14 -1.6 16 -18 -20 -22 -24 --20 -20 -10 0 10 20 -10 0 10 20 delta pCO2 [% of absolute value]

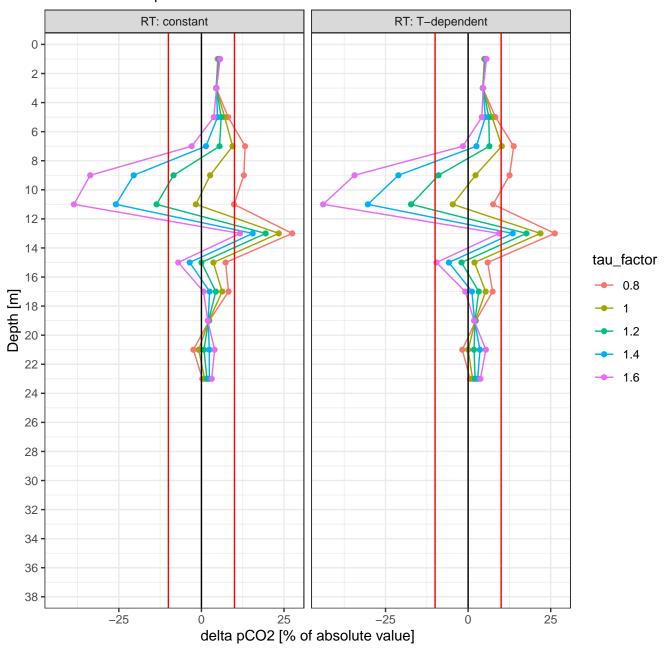
Date: 180730 | Station: P10 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 -12 tau_factor 14 -8.0 Depth [m] 1.2 1.4 20 -1.6 22 -24 -26 -28 -30 -32 -34 -20 -100 10 -10 0 10 20

delta pCO2 [% of absolute value]





Date: 180730 | Station: P06 RT: constant RT: T-dependent 2 -4 -6 tau_factor 8 -- 0.8 Depth [m] 1.2 1.4 1.6 12 -14 -16**-**18 -20 20 30 -10 30 -10 0 10 10 delta pCO2 [% of absolute value]

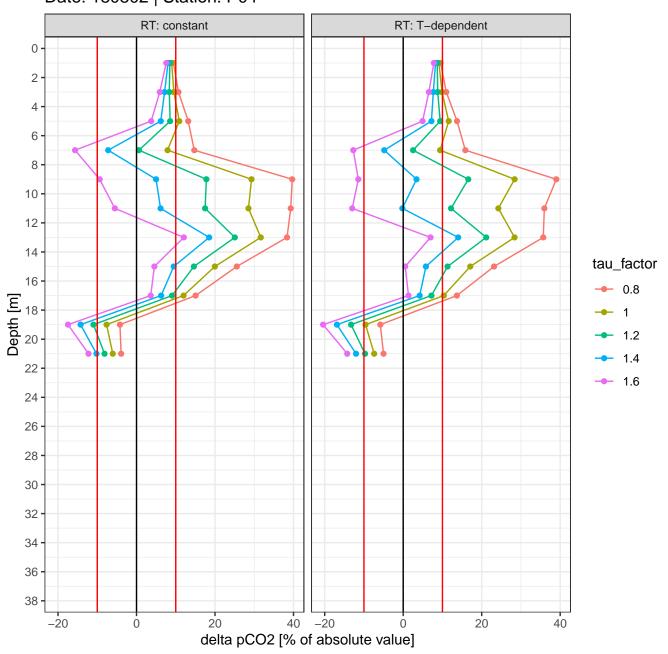


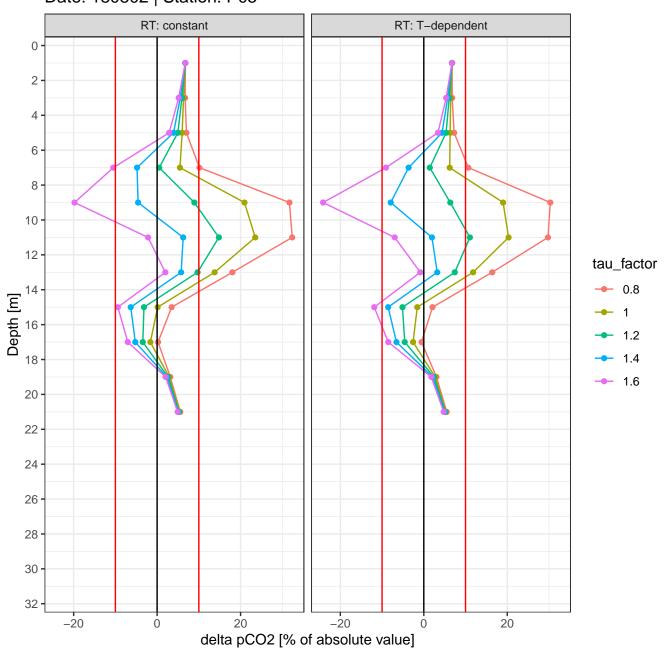
Date: 180802 | Station: P01 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 10 -- 0.8 Depth [m] 1.2 1.4 14 -1.6 16 -18 -20 -22 -24 --20 20 -20 -10 0 10 -10 0 10 20 delta pCO2 [% of absolute value]

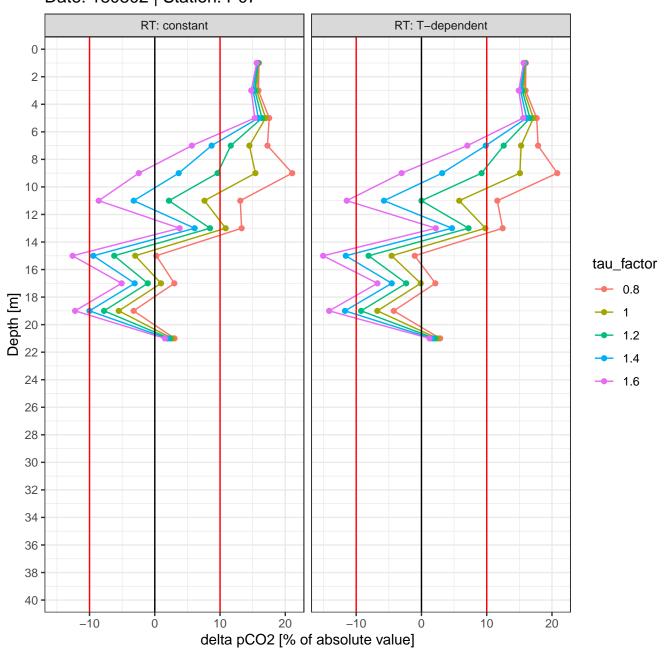
Date: 180802 | Station: P02 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 0.8 Depth [m] 1.2 1.4 1.6 14 -16 -18 -20 -22 5 -10 <u>-</u>5 -5 Ö 10 -10 10

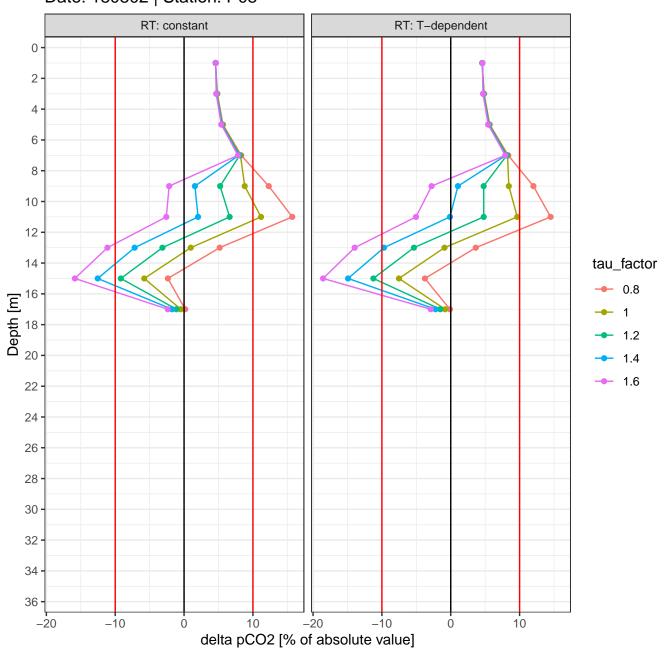
delta pCO2 [% of absolute value]

Date: 180802 | Station: P03 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 10 -0.8 Depth [m] 1.2 1.4 14 -1.6 16 -18 -20 -22 -24 --20 -30 -20 -30 -10 10 20 -1010 20 delta pCO2 [% of absolute value]

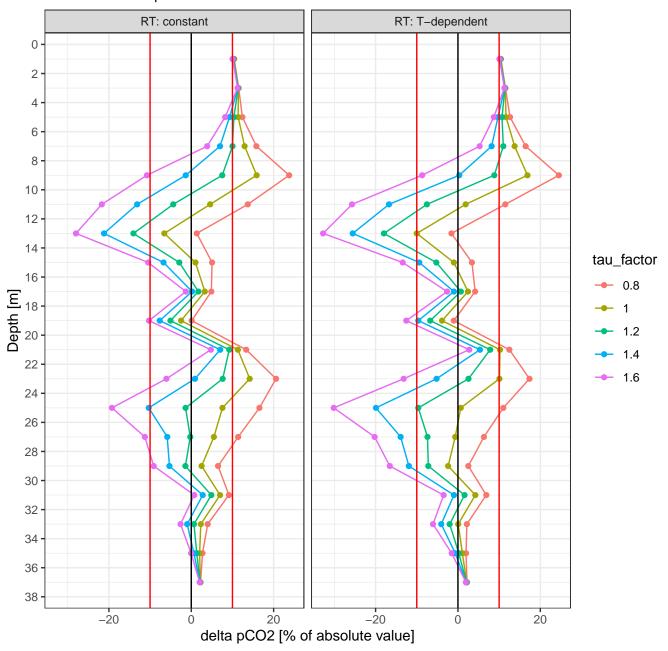








Date: 180802 | Station: P09 RT: constant RT: T-dependent 0 -2 -4 -6 -8 tau_factor 10 -- 0.8 Depth [m] 1.2 1.4 14 -1.6 16 -18 -20 -22 -24 --20 20 -20 -10 10 -100 10 20 delta pCO2 [% of absolute value]



Date: 180802 | Station: P11 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 -12 -14 tau_factor Depth [m] 18-0.8 1.2 1.4 1.6 22 -24 -26 -28 -30 -32 -34 -

-10

delta pCO2 [% of absolute value]

10

20

20

10

36 -

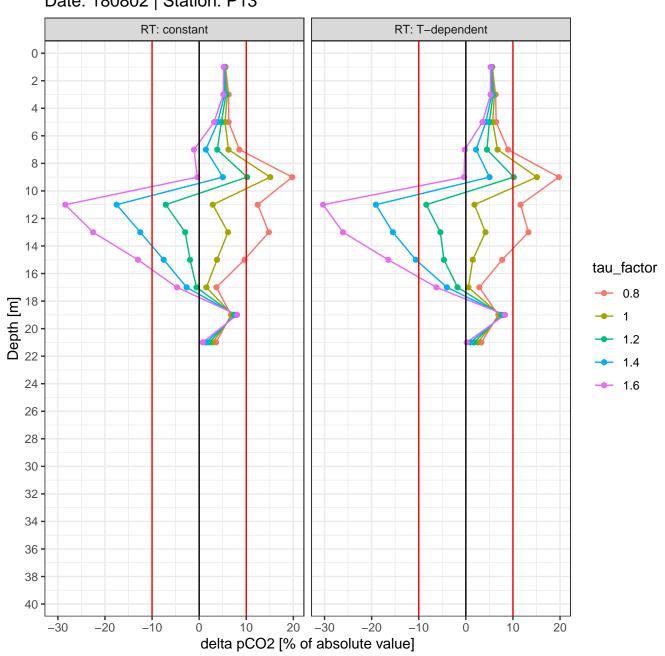
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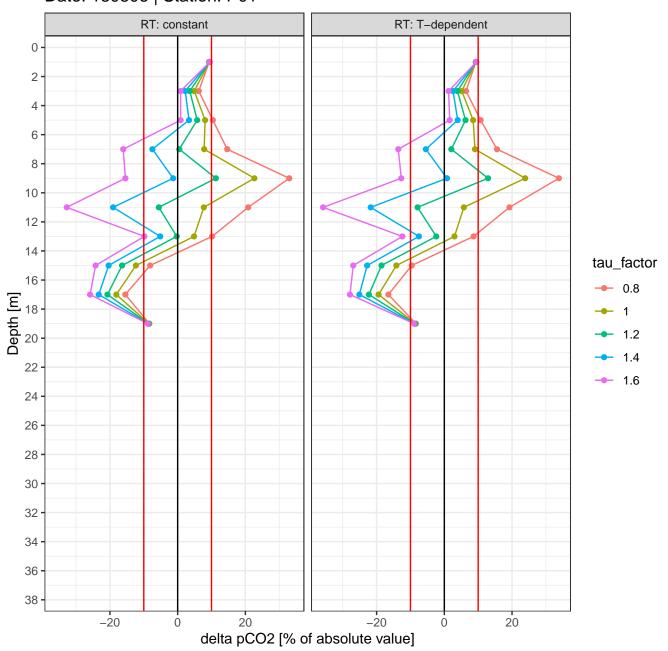
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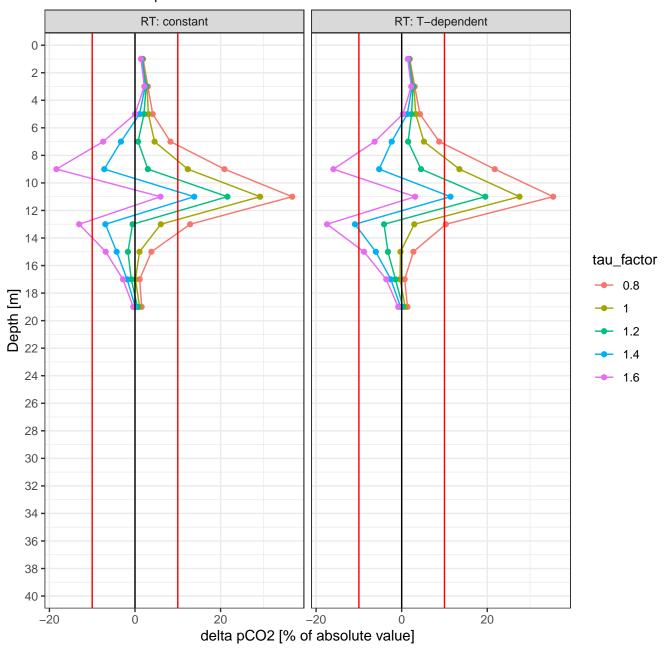
Date: 180802 | Station: P12 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor 12 -8.0 Depth [m] 1.2 1.4 16 -1.6 18 -20 -22 -24 -26 -28 --20 -30 -20 -30 -10 10 -10 0 10

delta pCO2 [% of absolute value]

Date: 180802 | Station: P06 RT: constant RT: T-dependent 0 2 -4 -6 -8 tau_factor 0.8 Depth [m] 1.2 1.4 1.6 14 -16 -18 -20 -22 -30 -20 20 -30 -10 10 -20 -10 0 10 20 delta pCO2 [% of absolute value]

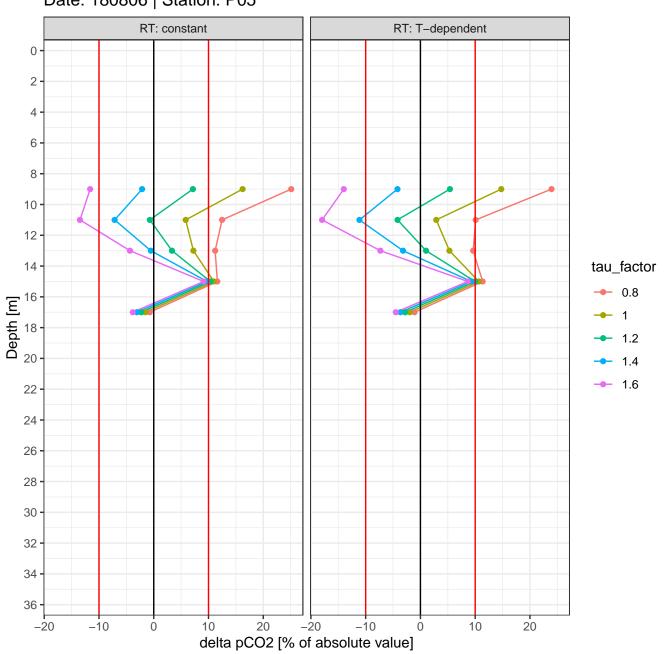


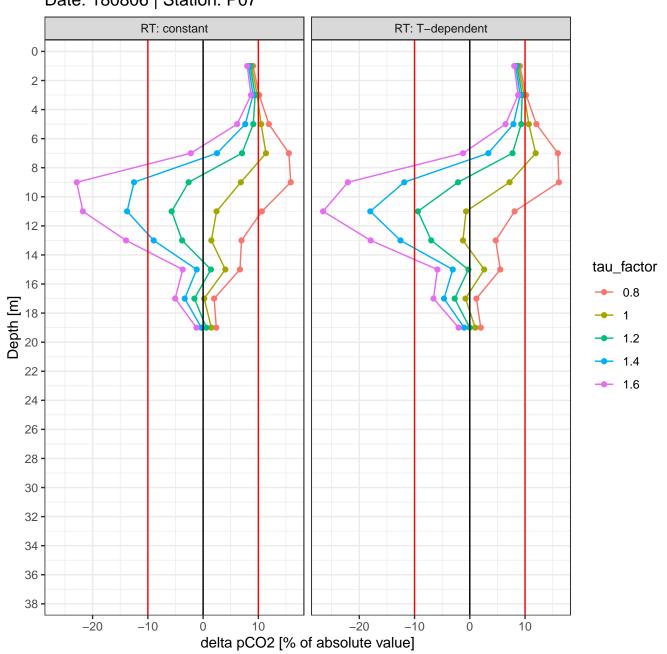


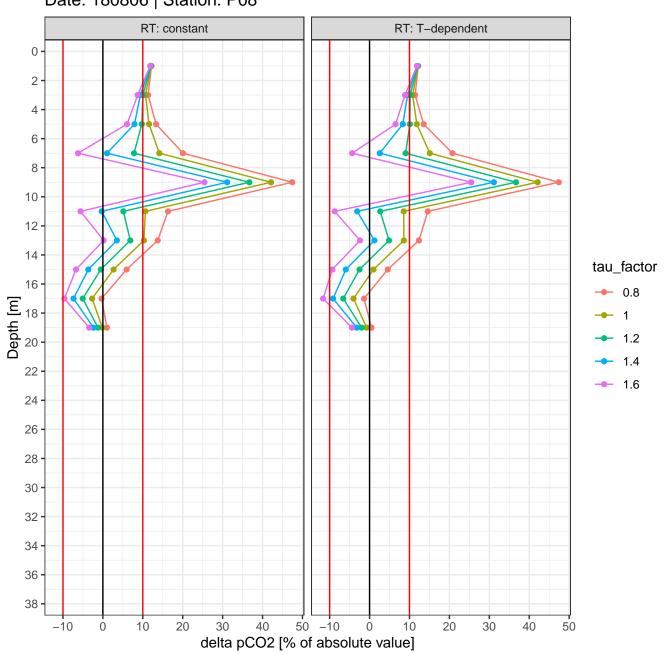


Date: 180806 | Station: P03 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 --20 20 -30 -20 -30 -1010 -10 10 20 delta pCO2 [% of absolute value]

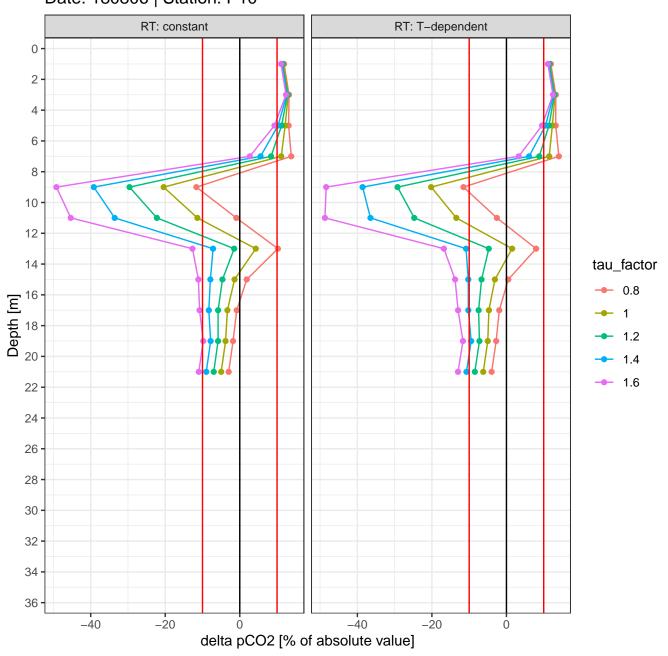
Date: 180806 | Station: P04 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 -12 -14 tau_factor - 0.8 Depth [m] 18-1.2 1.4 1.6 22 -24 -26 -28 -30 -32 -34 -36 -20 -100 10 30 -1010 20 30 delta pCO2 [% of absolute value]

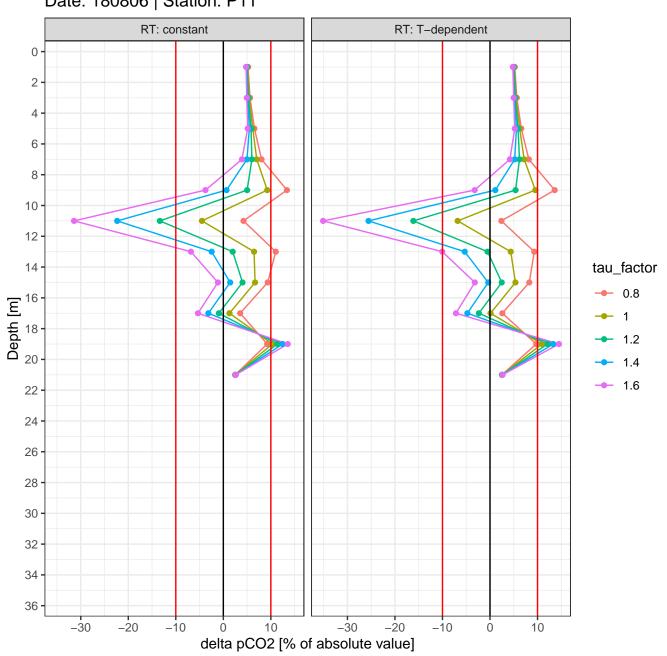


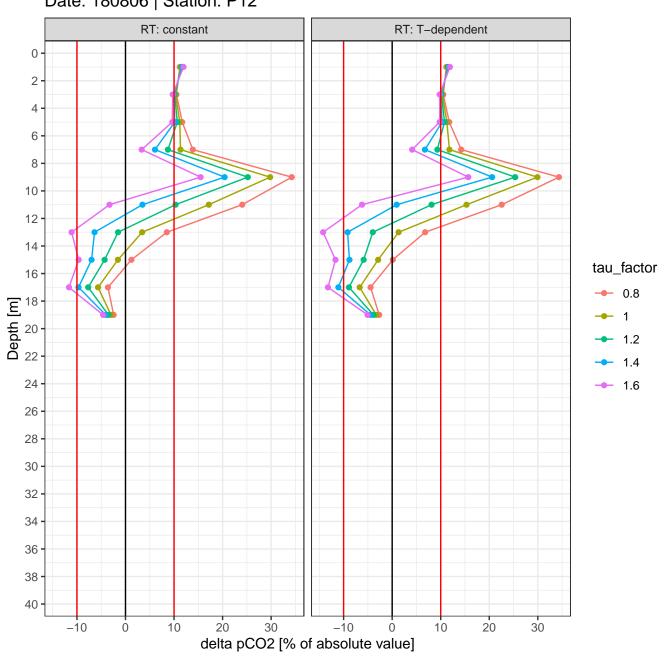


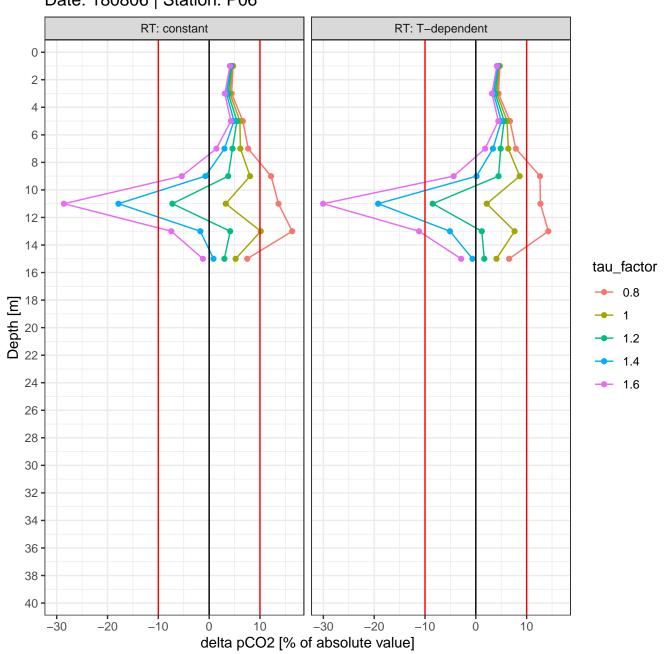


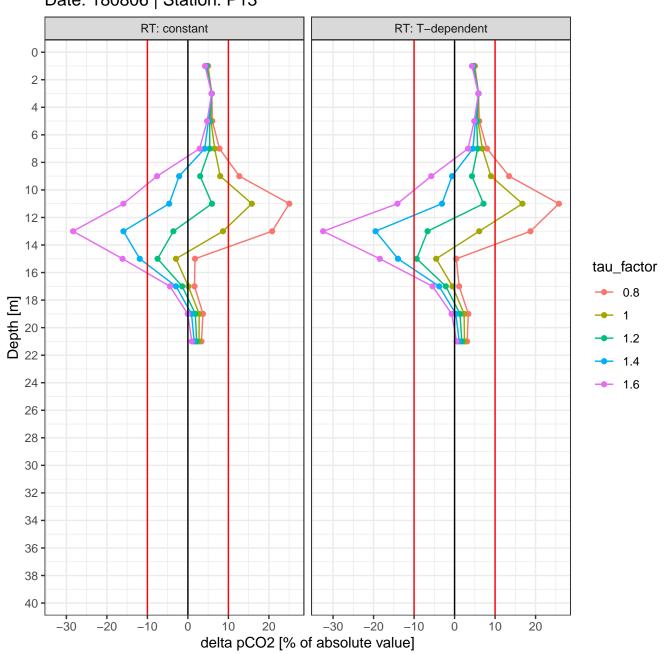
Date: 180806 | Station: P09 RT: constant RT: T-dependent 2 -6 -8 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 14 -16 -18 -20 -22 · -20 -20 -60 -60 -40 -40 0 delta pCO2 [% of absolute value]

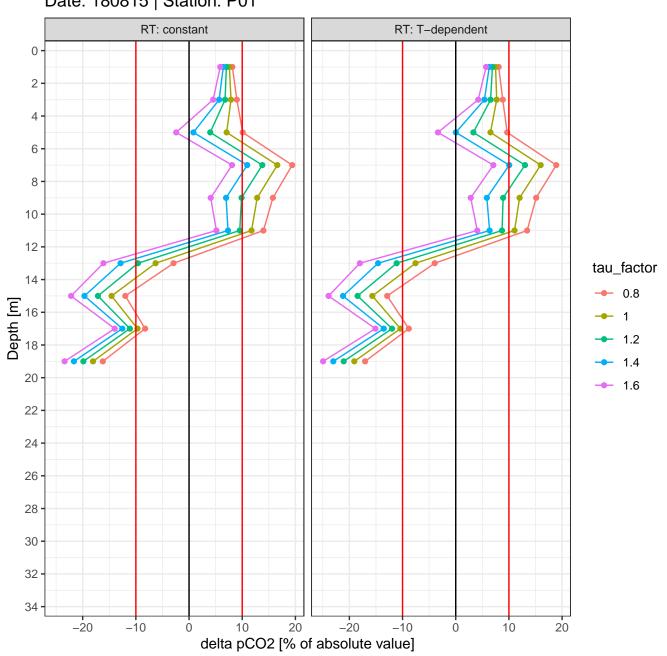


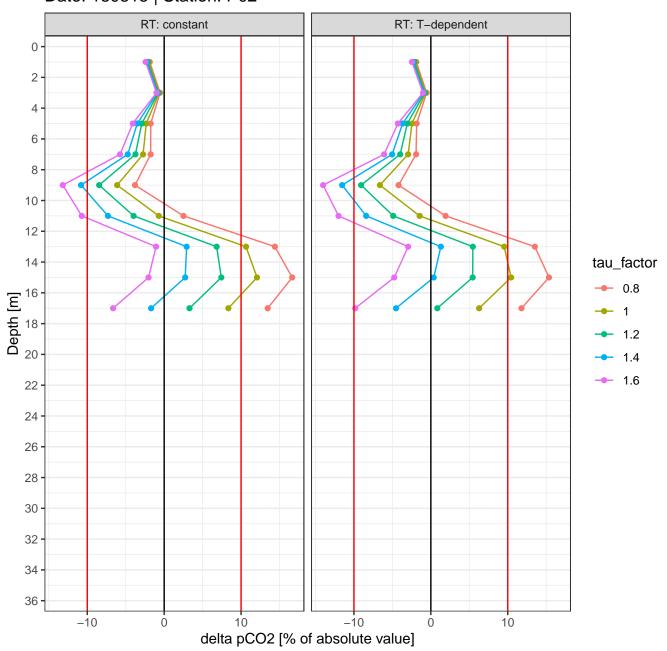


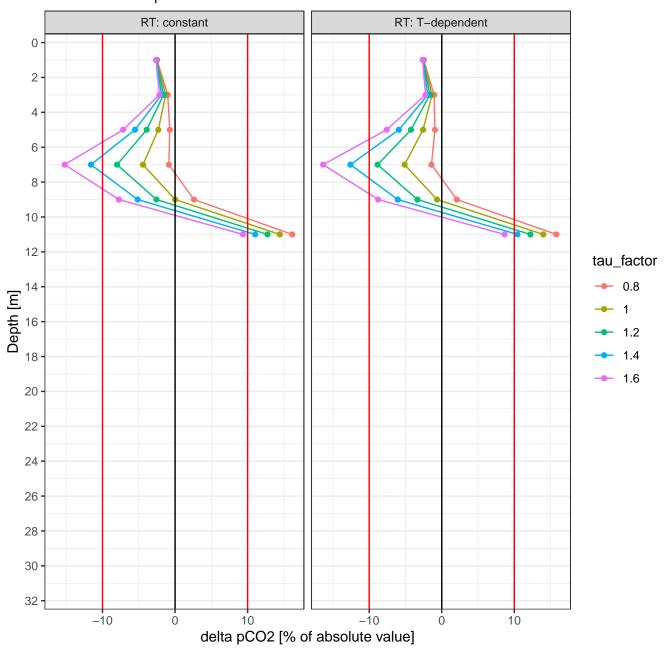


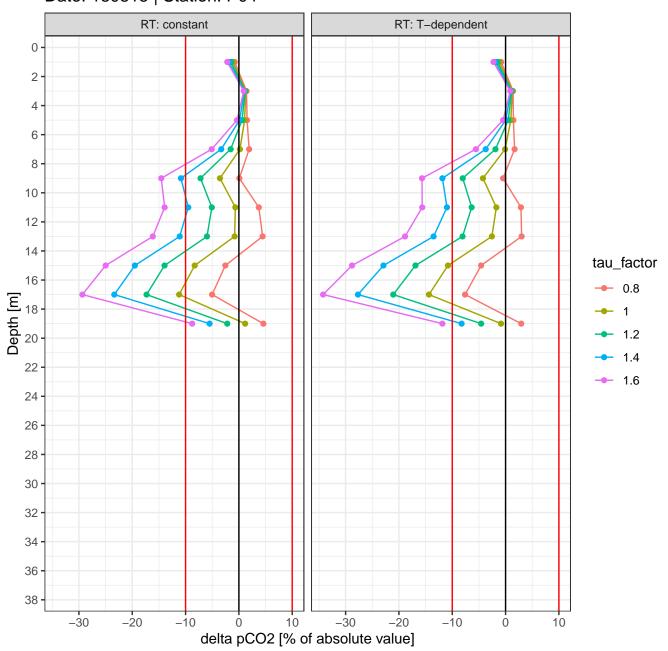


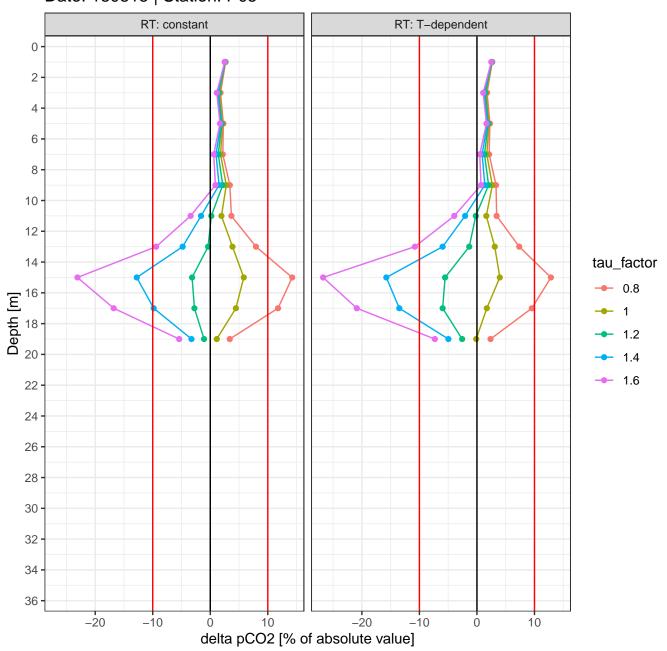


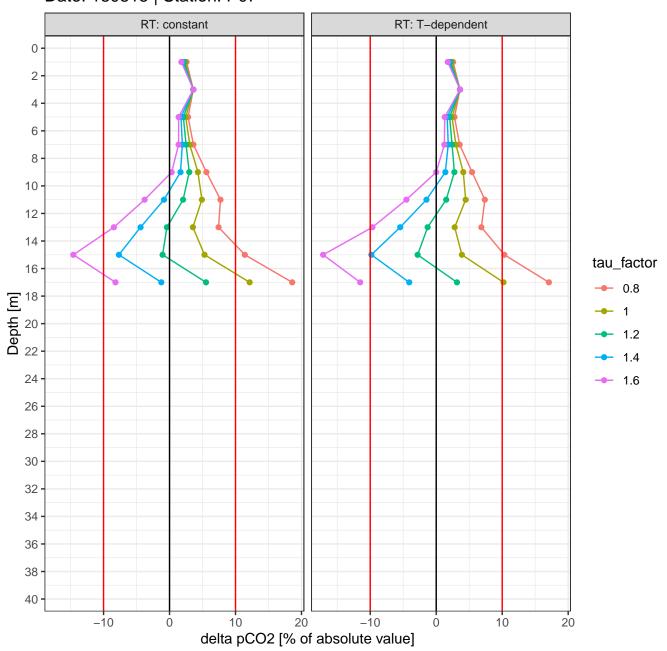


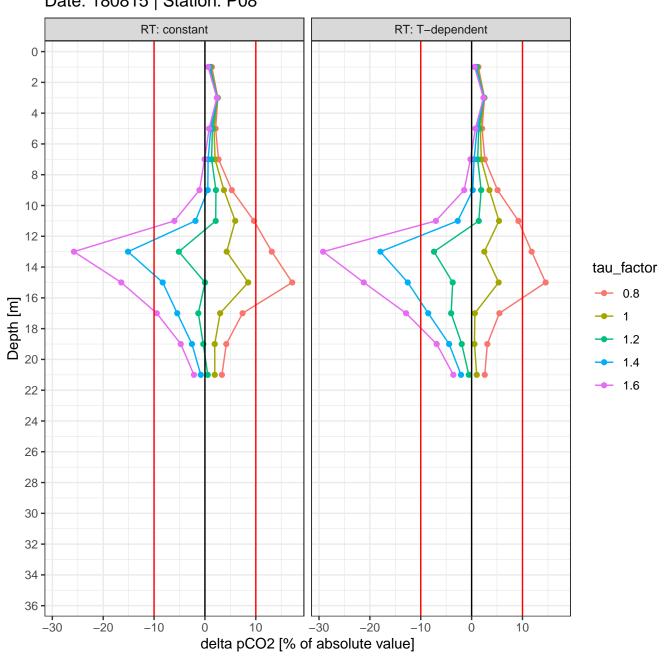




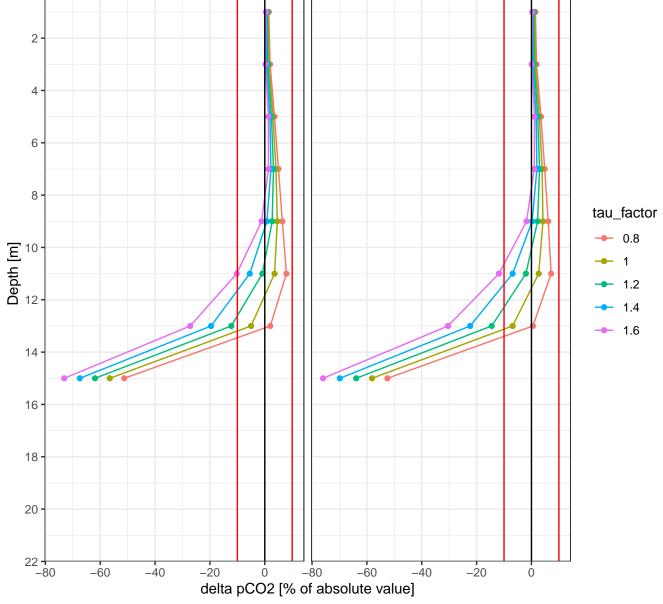


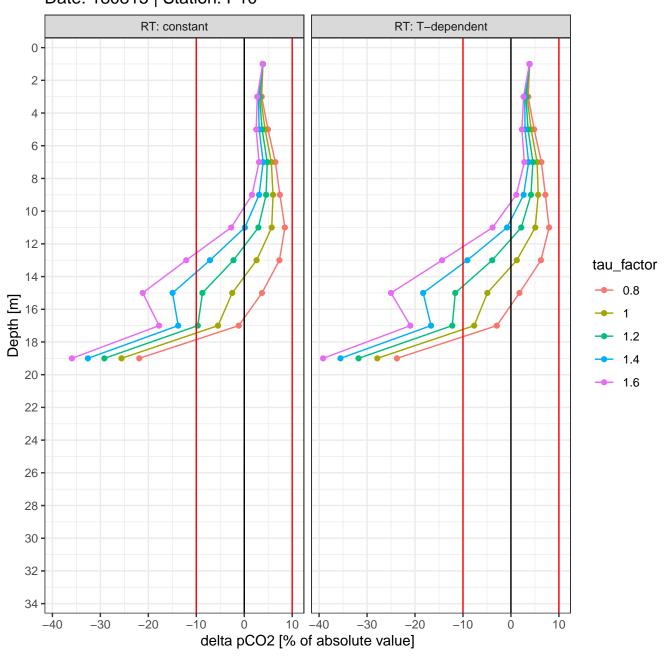


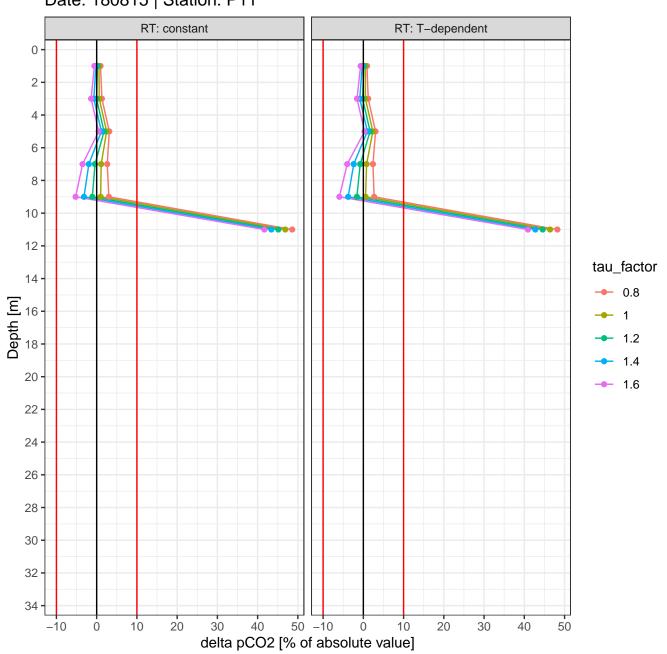


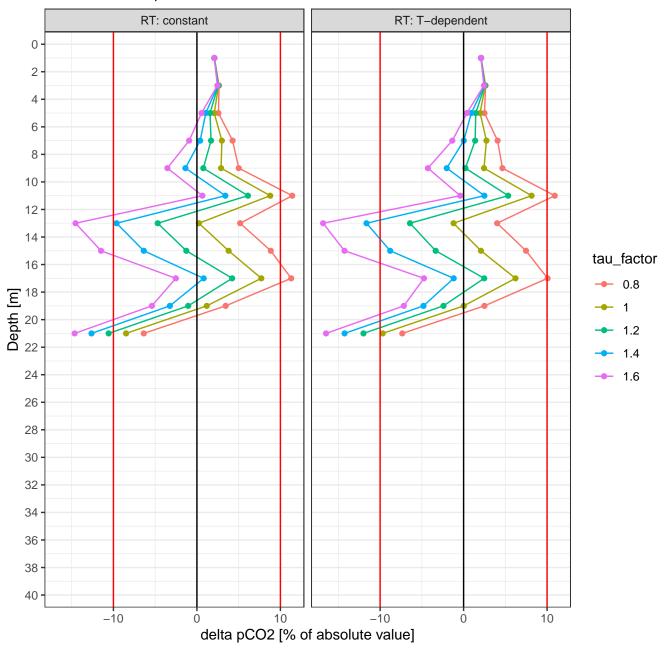


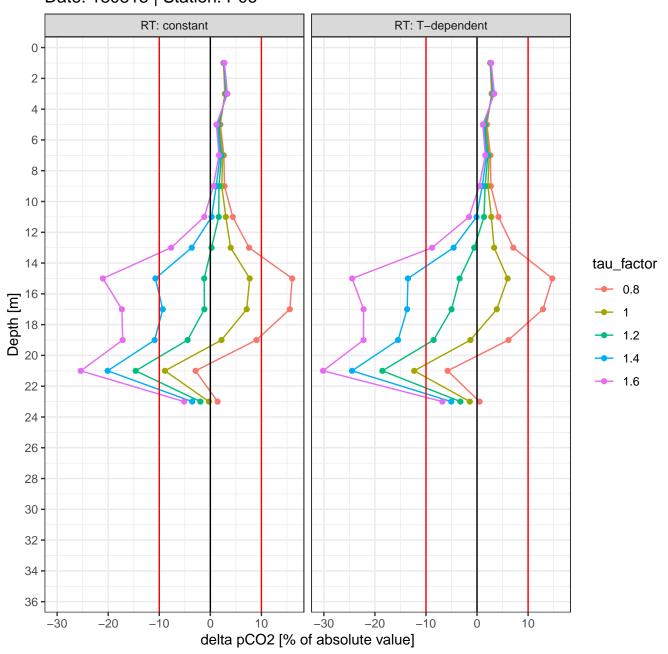
Date: 180815 | Station: P09 RT: constant RT: T-dependent 2 -4 -6 -8 tau_factor **0.8** 1.2 1.4 1.6 14 -16**-**

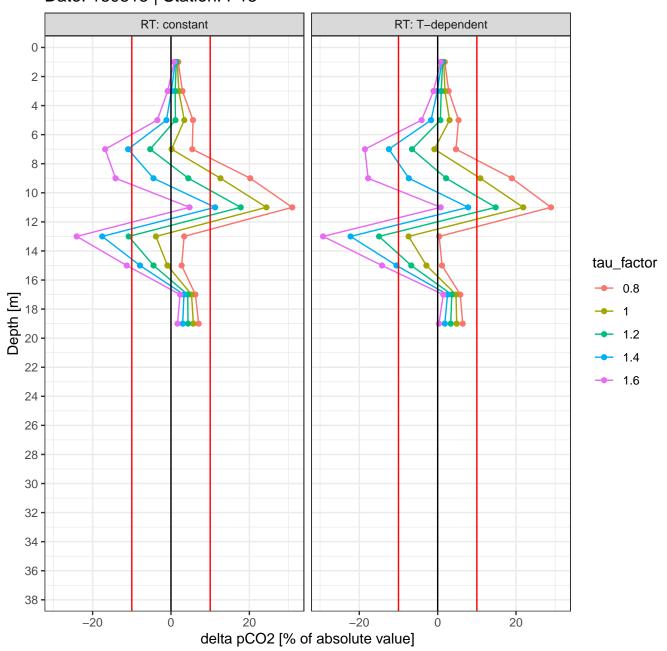












Date: 180820 | Station: P01 RT: constant RT: T-dependent 0 -2 -4 -6 -8 -10 -12 -14 tau_factor Depth [m] 18-- 0.8 1.2 1.4 1.6 22 -24 -26 -28 -30 -32 -34 -

-30

delta pCO2 [% of absolute value]

10

-20

-10

0

10

36 -

-30

-20

-10

Date: 180820 | Station: P11 RT: constant RT: T-dependent 0 2 -6 -8 -10 tau_factor - 0.8 Depth [m] 1.2 1.4 1.6 16 -18 **-**20 -22 -24 -26 --20 -60 -40 -60 -40 -20 0 delta pCO2 [% of absolute value]

