

Last corrections for typeset article version “bg-2018-472-typeset_manuscript-version3”

We would like to make the following corrections to the numbers in the sentence on Page 10, Lines 91-95. The corrections are highlighted in red:

The average $^{224}\text{Ra}_{\text{ex}}/^{223}\text{Ra}$ ratio in proximity to the sediment source (< 2.60 m above seafloor) was 4.9 ± 1.5 (n= 29) and was similar to reported ratios for shelf waters off South Carolina ($^{224}\text{Ra}_{\text{ex}}/^{223}\text{Ra} = 4.4 \pm 1.5$, n = 55; Moore, 2000).

The original sentence was: “The average $^{224}\text{Ra}_{\text{ex}}/^{223}\text{Ra}$ ratio in proximity to the sediment source (< 20m above seafloor) was 4.1 ± 0.7 and was similar to the reported ratios for shelf waters off South Carolina ($^{224}\text{Ra}_{\text{ex}}/^{223}\text{Ra} = 4.1 \pm 0.7$; Moore, 2000).”

Explanation for changes:

We were double-checking the numbers stated in this sentence and unfortunately couldn't obtain exactly the same numbers. We recalculated the values accordingly and would like to adjust them in the manuscript. The values are still similar to the original values and the message of the sentence is not affected by these changes. We would like to note that these values are subject to the definition of what is considered as proximity to the source and which samples are included, which might explain the discrepancy between our recent calculations and our original value.