## scientific reports



## **OPEN** Author Correction: Seasonal variability of net sea-air CO<sub>2</sub> fluxes in a coastal region of the northern **Antarctic Peninsula**

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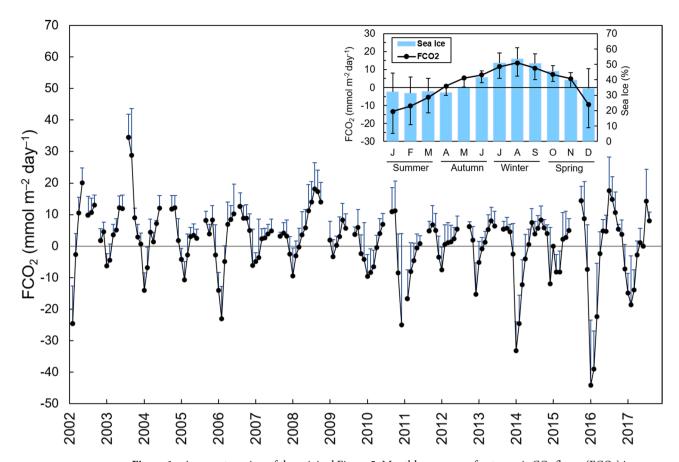
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Correction to: Scientific Reports https://doi.org/10.1038/s41598-020-71814-0, published online 10 September

This Article contains an error in the y-axis label of Figure 5, where the unit of measurement is incorrect.

"FCO<sub>2</sub> (mmol m<sup>-1</sup> day<sup>-1</sup>)" should read: "FCO<sub>2</sub> (mmol m<sup>-2</sup> day<sup>-1</sup>)"

The correct Figure 5 appears below as Figure 1.



**Figure 1.** A correct version of the original Figure 5. Monthly averages of net sea-air  $CO_2$  fluxes (FCO<sub>2</sub>) in the Gerlache Strait from January 2002 to December 2017 with an inset showing the variability throughout the year to characterize the seasonal cycle of FCO<sub>2</sub> and the percentage of sea ice cover (filled blue bars). The gaps are from years when there was no winter sampling in the region. The blue bars oriented upwards are the standard deviations from the respective monthly averages, as are the black bars in the inset. Positive FCO<sub>2</sub> values represent the outgassing of  $CO_2$  to the atmosphere, whereas negative FCO<sub>2</sub> values represent  $CO_2$  uptake by the ocean.

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