## CORRECTION



## Correction to: Projected climate change in the western North Pacific at the end of the 21st century from ensemble simulations with a high-resolution regional ocean model

Goro Yamanaka<sup>1</sup> · Hideyuki Nakano<sup>1</sup> · Kei Sakamoto<sup>1</sup> · Takahiro Toyoda<sup>1</sup> · L. Shogo Urakawa<sup>1</sup> · Shiro Nishikawa<sup>3</sup> · Tsuyoshi Wakamatsu<sup>4,5</sup> · Hiroyuki Tsujino<sup>2</sup> · Yoichi Ishikawa<sup>3</sup>

Published online: 7 February 2022 © The Oceanographic Society of Japan and Springer Nature Singapore Pte Ltd. 2022

Correction to: Journal of Oceanography (2021) 77:539-560 https://doi.org/10.1007/s10872-021-00593-7

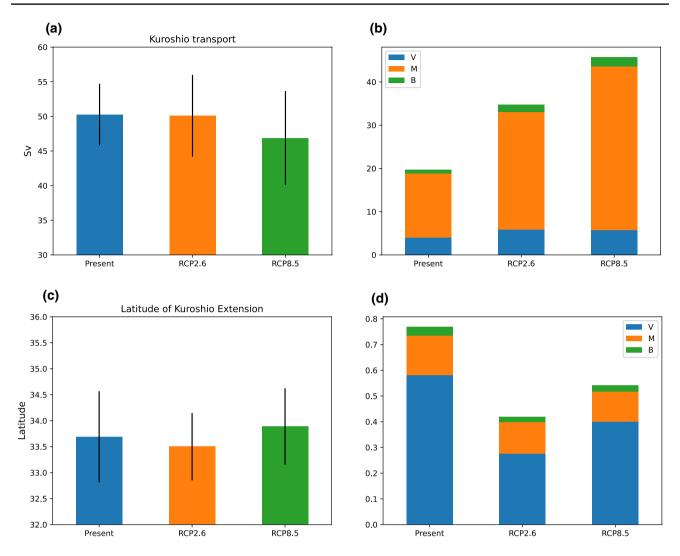
The original article was published with errors which are corrected below. In Fig. 5, there was a mistake in the calculation for the variance due to small sample size. The original figure should be replaced by the following figure (Fig. 5).

The original article can be found online at https://doi.org/10.1007/s10872-021-00593-7.

- ☐ Goro Yamanaka gyamanak@mri-jma.go.jp
- Department of Atmosphere, Ocean, and Earth System Modeling Research, Meteorological Research Institute, 1-1 Nagamine, Tsukuba, Ibaraki 305-0052, Japan
- Department of Climate and Geochemistry Research, Meteorological Research Institute, 1-1 Nagamine, Tsukuba, Ibaraki 305-0052, Japan
- Japan Agency for Marine-Earth Science and Technology, 3173-25 Showa-machi, Kanazawa-ku, Yokohama 236-0001, Japan
- <sup>4</sup> The Nansen Center, Thormøhlens gate 47, 5006 Bergen, Norway
- <sup>5</sup> Bjerknes Centre for Climate Research, Jahnebakken 5, 5007 Bergen, Norway



134 G. Yamanaka et al.



**Fig. 5** (upper) Kuroshio net transport [Sv] in the present climate (1986–2005) and at the end of the 21st century (2081–2100). (a) Kuroshio net transport. The vertical black line is the standard deviation of the estimate. (b) Variance of the Kuroshio net transport. The unit of variance is the square of the transport in Sv. V: internal variation, M: variance among models, B: variance due to small sample

size. (lower) Same as (a-b) but for the KE latitude [°] in the present climate and at the end of the 21st century. (c) KE latitude. The vertical black line is the standard deviation of the estimate. (d) Variance of the KE latitude. The unit is the square of the latitude in degrees. V: internal variation, M: variance among models, B: variance due to small sample size

## Reference

Yamanaka G, Nakano H, Sakamoto K, Toyoda T, Urakawa S, Nishikawa S, Wakamatsu T, Tsujino H, Ishikawa I (2021) Projected climate change in the western north pacific at the end of the 21st century from ensemble simulations with a high-resolution regional ocean model. J Oceanogr 77:539–560.https://doi.org/10.1007/s10872-021-00593-7

