



## Correction to: Some properties of the unified skew-normal distribution

Reinaldo B. Arellano-Valle<sup>1</sup> · Adelchi Azzalini<sup>2</sup> 

Published online: 10 March 2023  
© Springer-Verlag GmbH Germany, part of Springer Nature 2023

### Correction to: Stat. Pap. (2023)

<https://doi.org/10.1007/s00362-021-01235-2>

In the original publication of the article, the following amendments are required: (i) in equation (8),  $\Gamma_{-j}$  should be  $\gamma_{-j}$ ; (ii) the description of  $\gamma_{-j}$  in the paragraph leading to equation (7) must be changed to “ $\gamma_{-j}$  denotes the  $j$ -th column of  $\Gamma$  with the  $j$ -th row element removed”.

With these amendments, the text essentially reproduces the corresponding wording of Azzalini and Bacchieri (2010), except for minor differences in the notation. That wording was actually our original intention, but regrettably the final version diverged. We are grateful to Mert Ketenci of Columbia University for drawing our attention to the incongruences in the text.

**Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

**Publisher's Note** Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

---

The original article can be found online at <https://doi.org/10.1007/s00362-021-01235-2>.

---

✉ Adelchi Azzalini  
azzalini@stat.unipd.it

<sup>1</sup> Departamento de Estadística, Pontificia Universidad Católica de Chile, Santiago, Chile

<sup>2</sup> Dipartimento di Scienze Statistiche, Università di Padova, Padua, Italy