## ERRATUM

A. Hannachi · D. B. Stephenson · K. R. Sperber

## Probability-based methods for quantifying nonlinearity in the ENSO

Published online: 11 December 2003 © Springer-Verlag 2003

## 1 Climate Dynamics (2003) 20:241-256

In Fig. 14 on page 253 of Hannachi et al. (2003) the quantiles of the standardised observed Nino-3 index versus the quantiles of the standard normal are incorrect. The corrected plot is shown below. The discussion of Fig. 14 of Hannachi et al. (2003) is valid. In addition there has been a small change to the acknowledgements.

Acknowledgements This work was funded by the UK University Global Atmospheric Modelling Programme (UGAMP.) K. R. Sperber was supported by the University of California Lawrence Livermore National Laboratory under contract W-7405-ENG-48.

The e-mail of the corresponding author has changed:

A.Hannachi@reading.ac.uk

The online version of the original article can be found at http://dx.doi.org/10.1007/s00382-002-0263-7

A. Hannachi (⊠) · D. B. Stephenson Department of Meteorology, The University of Reading, Earley Gate PO Box 243, Reading, RG6 6BB, UK E-mail: han@met.rdg.ac.uk

K. R. Sperber Program for Climate Model Diagnosis and Intercomparison, Lawrence Livermore National Laboratory, P.O. Box 808, L-264 Livermore, CA 94550, USA



Fig. 14 The quantiles of the standardised Nino-3 indices from 24 ENSIP coupled models versus the quantiles of the standard normal (bold). The dotted line is for the standardised observed Nino-3 index. The curve expected from the normal distribution is shown by the first diagonal