



Corrigendum to
“Wind speed variability between 10 and 116 m height
from the regional reanalysis COSMO-REA6 compared to
wind mast measurements over Northern Germany
and the Netherlands” published in Adv. Sci. Res., 13,
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In this paper, an error occurred in Fig. 2: the histogram of COSMO-REA6 hourly wind speed at FINO2 (Fig. 2h) was incorrect. Please see the corrected figure below.

In the corrected figure, the histograms of the observations and the reanalysis (COSMO-REA6) are now more similar. The last section on p. 155 (from “In Fig. 2...” to “... compared to FINO2 measurements.”) should therefore read as follows:

“In Fig. 2 the probability density distributions of wind speed for the tower measurements at about 100 m height and the corresponding ones for COSMO-REA6 of the fourth model level at 116 m a.s.l. are shown. For illustration purposes the mean, median, 1 % percentile, and 99 % percentile of each distribution are given. The mean and median values for Lindenberg, Cabauw, and FINO1 are in the range of 0.25 m s^{-1} within the corresponding COSMO-REA6 values; for FINO2 they are within 0.54 m s^{-1} . Only for Lindenberg, the COSMO-REA6 mean and median values are higher than the measurements. The 1 % percentile values are lower for all four COSMO-REA6 sites, whereas the 99 % percentile values are similar between measurements and COSMO-REA6 for Cabauw and FINO1 but higher for COSMO-REA6 at FINO2 and Lindenberg.”

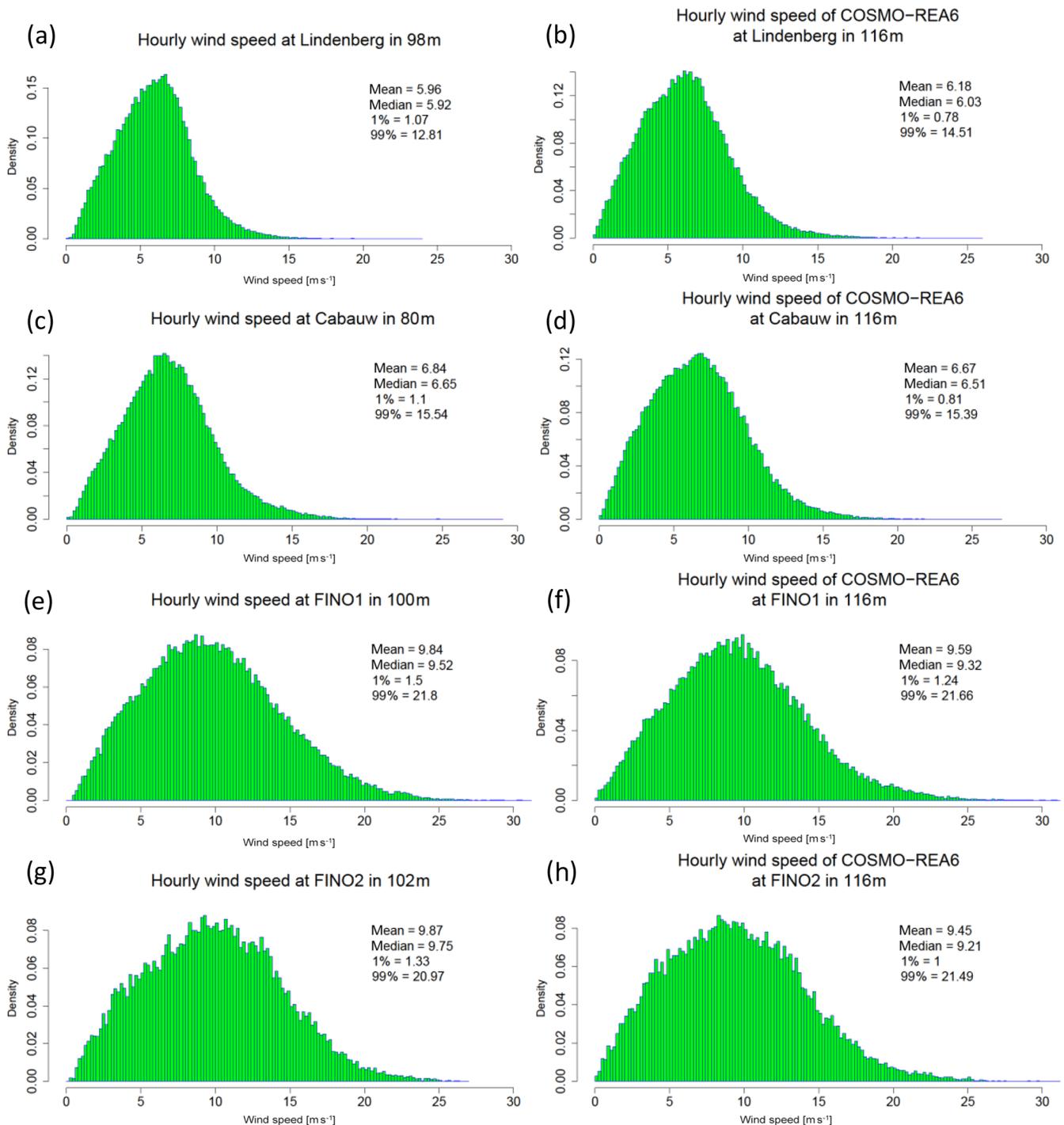


Figure 2. Histograms of the probability distributions of wind speed for Lindenberg, Cabauw, FINO1, and FINO2 measurements (left, from top to bottom, respectively) and the corresponding COSMO-REA6 histograms for the location of the measurements (right). Values on the right side of each panel describe the mean, median, 1 % percentile, and 99 % percentile for the corresponding histograms in m s^{-1} .