

Interhemispheric variability of the electron density and derived parameters by the Swarm satellites during different solar activity – Erratum

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Abstract – This Erratum serves to correct a misplaced part of the text and a Figure 1 caption.

The second paragraph of Section 3.1 is incomplete. The complete second paragraph should read:

“To visualize the differences between the regions and both hemispheres, we show in Figure 2a the distribution of electron density, Ne, obtained by Swarm A. The Y-axis shows the number of measurements of density. To keep the clarity in this semi-logarithmic plot, we start plotting the Y-axis from the number of counts greater than 100. The top panels correspond to the distributions in the NH while the bottom panels to the SH; left panels are for the high solar activity (HSA), and right panels are for the low solar activity (LSA). We can see that the values of the electron density at equatorial latitudes significantly prevail over other regions.”

The caption of Figure 1 contains text which must be removed. The correct Figure 1 caption should read:

“**Fig. 1.** Box-plot with whiskers of different plasma parameters based on data from Swarm A in the Northern hemisphere (NH, shown in blue and green) and in the Southern hemispheres (SH, shown in orange and red) during high (HSA, shown in blue and orange) and low solar activity (LSA, shown in green and red) in different regions: (a) equatorial (low) latitudes; (b) mid-latitudes; (c) high latitudes (auroral oval); (d) polar caps. The lowest and highest points on the box-plot (i.e., the boundary of the lower and upper whisker) are the minimum and maximum values of the data set (excluding any outliers). The box is drawn from lower (25%) to upper (75%) quartile percentiles with a horizontal line to denote the median value.”

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