Interactive comment on “What was the source of the atmospheric CO₂ increase during the Holocene?” by Victor Brovkin et al.

Peter Köhler
peter.koehler@awi.de

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In the figures of my previous comment the labels of the top x-axes (time in yr CE) are placed wrong, they need to get shifted by 50 years. Furthermore, the x-axes started at -100 yr BP, that has now been changed to -66 yr BP = 2016 CE, which is the first year with data.

I apologize for any confusion, the corrected figures are attached below, including their full captions.

**Fig. 1:** Atmospheric CO₂ spline and underlying data (2016 CE to -6050 CE or -66 BP to 8,000 BP). Black spline as published in Köhler et al. (2017) against time series (gold) used in Brovkin et al. (2019). Error bars around the ice core data points are ±2σ. WDC C1
data have been adjusted to reduce offsets, see Köhler et al. (2017) for details.

Fig. 2: Atmospheric CH$_4$ spline and underlying data (2016 CE to -6050 CE or -66 BP to 8,000 BP). Black spline as published in Köhler et al. (2017) against time series (gold) used in Brovkin et al. (2019). Details on plotted data are explained in Köhler et al. (2017). The maximum ice core data uncertainty ($\pm2\sigma$) is sketched in the lower left corner. Latitudinal origin of data is indicated by NH and SH, implying northern and southern hemisphere, respectively.

Fig 3: Atmospheric N$_2$O spline and underlying data (2016 CE to -6050 CE or -66 BP to 8,000 BP). Black spline as published in Köhler et al. (2017) against time series (gold) used in Brovkin et al. (2019). Details on plotted data are explained in Köhler et al. (2017). The maximum ice core data uncertainty ($\pm2\sigma$) is sketched in the upper right corner. Filled symbols: data taken for spline; open symbols: data not taken for spline.

References


Fig. 1. Corrected Fig. 1 on CO2 of previous comment
Fig. 2. Corrected Fig. 2 on CH4 of previous comment
Fig. 3. Corrected Fig. 3 on N2O of previous comment