Interactive comment on “Glacial δ\textsuperscript{13}C decreases in the western South Atlantic forced by millennial changes in Southern Ocean ventilation” by Marília C. Campos et al.

A. Schmittner

aschmitt@coas.oregonstate.edu

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I suggest to the authors to consider our relevant recent modeling work, which suggests a different mechanism for the CO2 increase during H-events. As shown in Schmittner and Galbraith (2008, Nature, 456, 373-376, doi:10.1038/nature07531) an AMOC shutdown causes a decrease of the efficiency of the biological pump, which leads to an increase in atmospheric CO2 consistent in both amplitude and rate-of-change with ice core observations. Schmittner and Lund (2015; Climate of the Past, 11, 135-152, doi:10.5194/cp-11-135-2015) show that this leads to a decrease of surface ocean (and atmospheric) δ13C that is particularly strong (more than 0.5 permil) in the South Atlantic (their Fig. 5G).