Supplement of

Modelling feedbacks between the Northern Hemisphere ice sheets and climate during the last glacial cycle

Meike D. W. Scherrenberg et al.

Correspondence to: Meike D. W. Scherrenberg (m.d.w.scherrenberg@uu.nl)

The copyright of individual parts of the supplement might differ from the article licence.
Figure S1. Ice thickness evolution when using the climate matrix method with PMIP3-Ensemble climate. The black contours represent the margin of the Last Glacial Maximum (LGM) reconstruction by Abe-Ouchi et al. (2015).
**Figure S2.** Evolution of ice thickness when using the glacial index method with PMIP3-Ensemble climate. The black contours represent the margins of the LGM ice sheet reconstruction by Abe-Ouchi et al. (2015).
Figure S3: Last glacial maximum (LGM) summer (June, July, August) temperature for each general circulation model in the paleoclimate modelling intercomparison project phase 3. Black contours represent the Abe-Ouchi et al. (2015) LGM ice sheet reconstruction. The green contours show the extent of the LGM ice sheets in the preliminary simulations.