



Supplement of

Glacial AMOC shoaling despite vigorous tidal dissipation: vertical stratification matters

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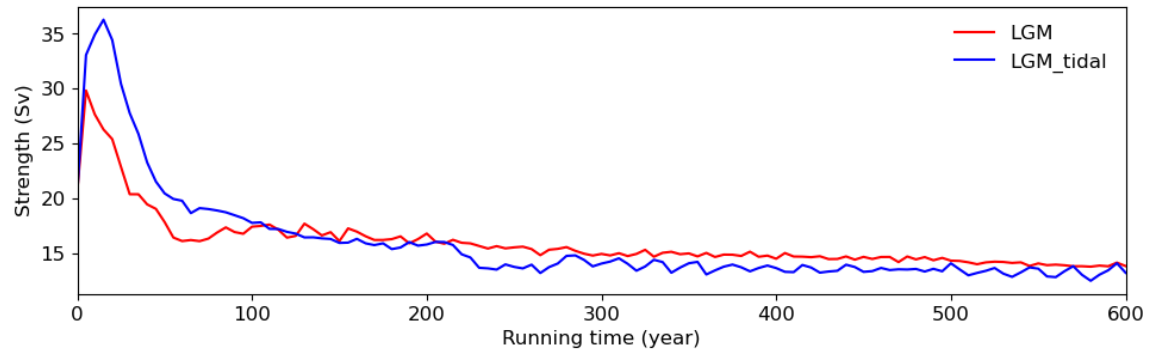


Figure S1: Time series of AMOC Strength (maximum AMOC streamfunction below 300 m at 26.5°N) for LGM cases, with a sampling interval of 5 years.

Table S1: Ocean Circulation Indexes of the simulations in this study. “NADW”: maximum AMOC streamfunction below 300 m at 26.5°N. “AMOC depth”: depth at which AMOC streamfunction is 0. “AABW”: minimum streamfunction north of 30°S.

Simulation	NADW (Sv)	AMOC Depth (m)	AABW (Sv)
PD	12.4	2700	-4.2
PD_tidal	11.6	2700	-5.5
PD_glacial_tidal	15.5	4600	-5.3
LGM	13.9	1700	-5.6
LGM_tidal	13.3	1700	-7.9