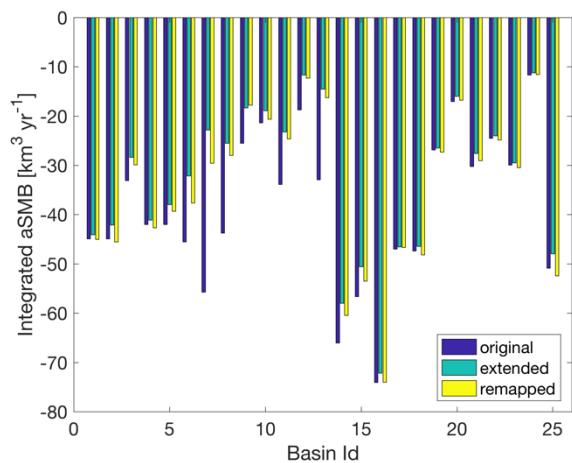
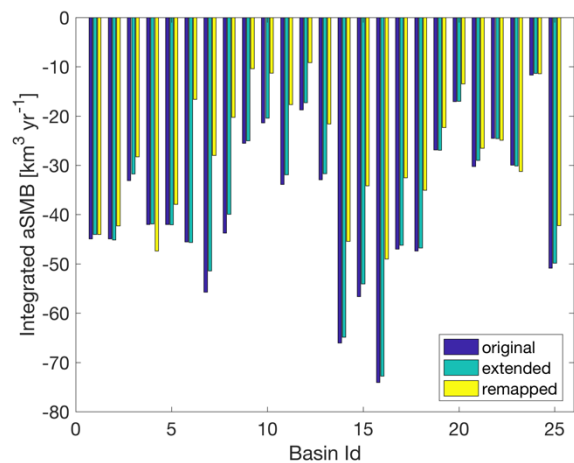
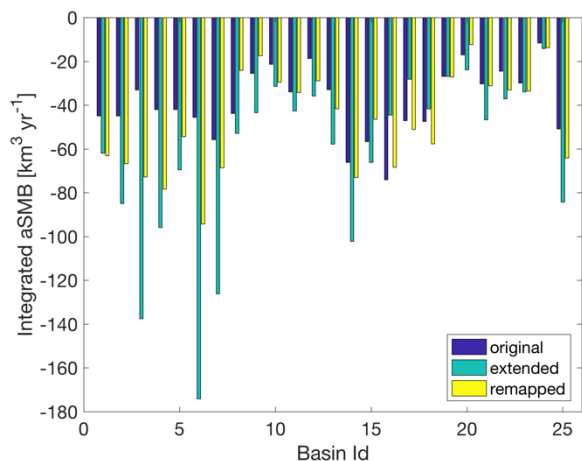


**Figure S1 SMB anomaly from the RCM MAR remapped to the initial geometry of three different initMIP-Greenland models. Same as Figure 7c but for models JPL-ISSM (a), BGC-BSICLES (b) and MPIM-PISM (c).**

**a****b****c**

**Figure S2 Integrated aSMB per basin from original MAR output (blue), when extended to the modelled ice mask (green) and for remapping to the modelled initial geometry from initMIP-Greenland (yellow): (a) BGC\_BISICLES, (b) JPL\_ISSM, (c) MPIM\_PISM. Note differences in scale on the vertical axis between models.**