

This archive comprises two zip files: Run.zip contains the source code, input files and scripts used to run the experiments described in this study, while Output.zip contains the output of the experiments.

(1) The contents of Run.zip are as follows:

Input\_Files/

*The input files that contain the initial conditions and boundary conditions for PISM.*

Iteration\_1/

Iteration\_2/

Iteration\_3/

Iteration\_4/

Iteration\_5/

*The scripts used to run PISM for each iteration of the ensemble. A separate script is provided for each ensemble member.*

Manuals/

*The installation manual, user's manual and climate forcing components manual for PISM.*

Parameters/

*The parameter values used for each ensemble member and for each iteration of the ensemble.*

pism-0.7.3/

*The source code for version 0.7.3 of PISM.*

(2) The contents of Output.zip are as follows:

Iteration\_1/

Iteration\_2/

Iteration\_3/

Iteration\_4/

Iteration\_5/

*The simulated ice thickness at the end of each simulation. Note that data is only provided for the ensemble members that completed successfully.*

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