**a** Model code

**b** Different environments

Computing environment A

Computing environment B

**c** Five-member 20-year ensemble simulations (constant forcing)

Same atmosphere & sea ice restarts.

Almost identical ocean restarts differing by minute ($10^{-4}$ K) SST random perturbations

**d** Calculation of standard indices of performance

**e** Statistical testing of differences in performance

**f** Conclusion on replicability

\( ? / \times \)