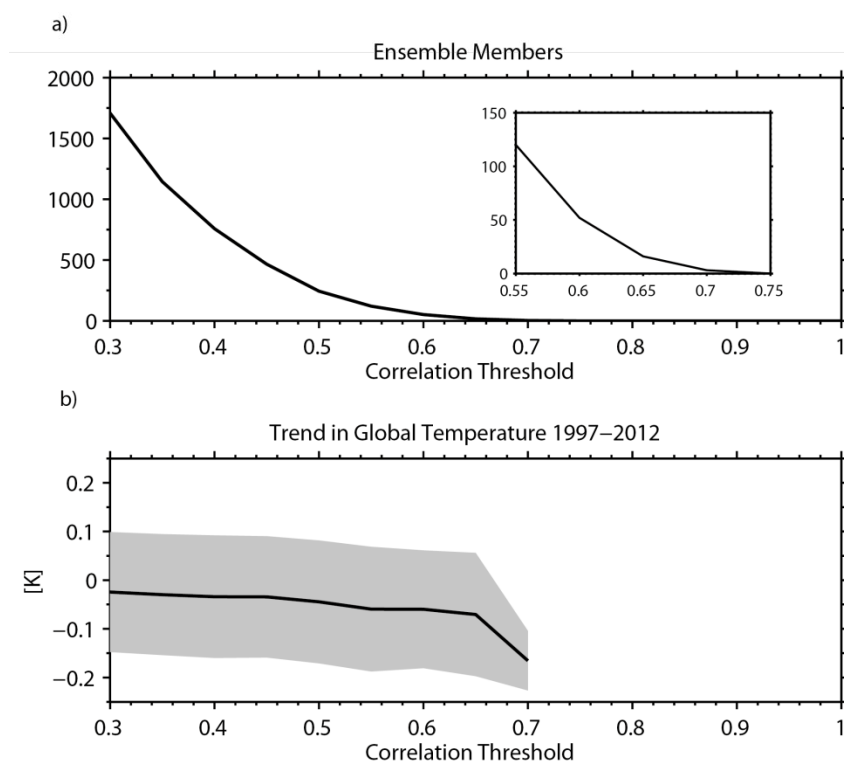


# Natural variability, radiative forcing and climate response in the recent hiatus reconciled

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**Figure SM1. Sensitivity Analysis of the Trend in Global Temperature between 1997–2012 by the Variability Analogue Ensemble.** (a) Number of ensemble members in the analogue ensemble as a function the correlation threshold. (b) Mean trend of ensemble (solid black line) and  $\pm 1$  standard deviation (grey shading) of the trend in global temperature during that period as a function the correlation threshold.

Model ID	# of Years in Control Simulation	Trend in Control Simulation (corresponding to 15-year trend)	Number of Variability Analogues 1997-2012
ACCESS1-0	500	0.009839	0
ACCESS1-3	500	0.00099948	2
bcc-csm1-1	500	-0.0011936	1
bcc-csm1-1-m	400	-0.0045845	2
CanESM2	996	-0.0013734	3
CCSM4	501	-0.0015225	8
CNRM-CM5	850	0.0013615	2
CSIRO-Mk3-6-0	500	0.0035939	3
EC-EARTH	NaN	NaN	NaN
GFDL-CM3	500	0.015924	0
GFDL-ESM2G	500	-0.0014135	2
GFDL-ESM2M	500	0.0033982	2
GISS-E2-H	780	0.0016797	1
GISS-E2-R	850	0.00035546	1
inmcm4	500	-0.0045767	1
IPSL-CM5A-LR	1000	0.00090359	2
IPSL-CM5A-MR	300	0.0024478	0
IPSL-CM5B-LR	300	0.018394	0
MIROC5	NaN	NaN	NaN
MPI-ESM-LR	1000	0.00025381	1
MPI-ESM-MR	1000	0.0002858	0
MPI-ESM-P	1156	6.0547e-06	2
MRI-CGCM3	NaN	NaN	NaN
NorESM1-M	501	0.0011079	4
NorESM1-ME	252	0.00051736	3
CESM1-CAM5	319	0.0030175	3
CESM1-FASTCHEM	222	0.00017286	0
CESM1-WACCM	200	-0.00061519	0
FIO-ESM	800	-0.0025342	1
CESM1-BGC	500	-0.00079352	2
CMSS-CMS	500	0.0015202	4
BNU-ESM	NaN	NaN	NaN
CESM1-CAM5-1-FV2	50	0.012528	0
CMCC-CESM	277	-0.0037811	0
CMCC-CM	330	-0.0070111	0
FGOALS-s2	500	-0.0065696	1
GISS-E2-H-CC	251	0.0041443	0
GISS-E2-R-CC	251	-6.8215e-05	0
HadGEM2-ES	575	0.0050108	1
HadGEM2-CC	240	-0.010138	0

**Table SM1: Overview of CMIP5 climate models used in this study.** For each model, the model identifier is given along with the number of available years of the control simulation, the model drift in the control simulation as well as the number of variability analogues during for the 1997-2012 period. Grey shaded models were excluded of the analysis either due to a large model drift that exceeds the standard deviation across all models drifts or due to missing data.