Supporting Information for "Climate model code genealogy and its relation to climate feedbacks and sensitivity"

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Table S1.   [Table located in the file `models.csv` included in the supporting information.] Table listing all models in the model code genealogy including their model family, institute, country (or region), type (atmosphere general circulation model [AGCM], atmosphere–ocean general circulation model [AOGCM] or Earth System Model [ESM]), their parent and predecessor models, names of their model runs in the Coupled Model Intercomparison Project (CMIP) phase 3, 5 and 6, and citations supporting their relation to other models. The data in this table have one-to-one correspondence to models in Fig. 2, and therefore can be used for analysing the graph in Fig. 2 analytically.

Table S2. Table of counts of model runs (configurations or resolutions) per model family, country (or region) and institute present in CMIP3 (C3), CMIP5 (C5) and CMIP6 (C6).

Family Name	C3	C5	C6	Country Name	C3	C5	C6	Institute Name	C3	C5	C6
CCM	3	17	32	Australia	2	4	2	AS RCEC	0	0	3
CSIRO	2	2	0	Canada	2	3	2	AWI	0	0	4
CanAM	2	3	2	China	1	7	11	BCC	0	2	3
ECMWF	5	9	27	Europe	0	2	12	BCCR	1	0	0
GEOS	0	2	0	France	2	5	7	BNU	0	1	0
GFDL	2	7	6	Germany	3	3	10	CAMS	0	0	1
GFS	0	1	1	India	0	0	1	CCCma	2	3	2
HadAM	2	7	12	Italy	0	4	4	CCSR/NIES/FRCGC/ MIROC	2	5	6
INM	1	1	3	Japan	3	9	9	CMCC	0	4	4
IPSL	1	3	4	Norway	1	2	4	CNRM/CERFACS	1	2	3
MIROC	2	4	3	Russia	1	1	3	CSIRO/QCCCE/UNSW/ BOM/ARCCSS	2	4	2
NICAM	0	1	3	South Korea	0	0	3	DOE	0	0	3
UA MCM	0	0	1	Taiwan	0	0	3	EC-Earth Consortium/ ICHEC	0	2	9
UCLA GCM	4	8	9	UK	2	5	9	ECMWF	0	0	3
				USA	7	20	23	ECMWF/CNRM	0	0	0
								FIO/QLNM	0	1	1
								IITM CCCR	0	0	1
								INM	1	1	3
								IPSL	1	3	4
								KIOST	0	0	1
								LASG/IAP/CESS	1	3	4
								MIUB	1	0	0
								MPI-M/HAMMOZ	2	3	6
								MRI	1	4	3
								NASA GFDL	2	7	5
								NASA GISS	3	4	6
								NASA GMAO	0	1	0
								NASA GSFC	0	1	0
								NCAR/NSF/DOE	2	6	8
								NCC	0	2	4
								NCEP	0	1	0
								NIMS/KMA	0	0	1
								NUIST	0	0	1
								SNU	0	0	1
								THU	0	0	1
								UA	0	0	1
								UCLA	0	0	0
								UKMO/MOHC/ KMA NIMR	2	5	9

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