Skill Ratio (values > 1 indicate poorer emulation)

		Temperature Corr Ratio				Precipitation Corr Ratio				Temperature RMSE Ratio				Precipitation RMSE Ratio			
		1-2.6	2-4.5	5-8.5	5-3.4-OS	1-2.6	2-4.5	5-8.5	5-3.4-OS	1-2.6	2-4.5	5-8.5	5-3.4-OS	1-2.6	2-4.5	5-8.5	5-3.4-OS
Global	UKESM1	1.00	1.00	1.00	1.00	1.12	1.05	1.05	1.05	1.11	0.98	1.05	0.96	1.60	1.45	5.1	1.53
	IPSL	1.00	1.00	1.00	1.00	0.74	0.83	0.96	0.80	0.96	0.96	1.19	1.05	0.88	0.89	1.53	0.87
	CNRM	1.00	1.00	1.00	1.00	0.89	0.93	1.01	0.91	1.01	1.00	1.17	1.06	0.93	0.93	1.42	0.93
	CESM2	1.00	1.00	1.00	1.00	0.92	0.95	1.02	0.93	1.08	0.95	1.23	0.95	0.88	0.91	1.52	0.91
	CanESM5	1.00	1.00	1.00	1.00	1.08	1.04	1.07	1.04	1.02	0.96	1.34	1.35	1.62	1.59	8.1	1.80
East Asia	UKESM1	1.00	1.00	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.01	0.99	1.01	1.00	1.01	1.08	1.02
	IPSL	1.00	1.00	1.00	1.00	0.99	1.00	1.01	1.00	1.07	1.05	1.10	1.08	0.98	1.00	1.06	1.02
	CNRM	1.00	1.00	1.00	1.00	1.00	1.00	1.01	1.00	1.07	1.05	1.04	1.03	1.01	1.00	1.08	1.04
	CESM2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.05	1.01	1.03	1.03	1.00	0.99	1.02	0.98
	CanESM5	1.00	1.00	1.00	1.00	1.00	1.00	1.01	1.00	1.12	1.05	1.13	1.10	0.98	0.99	1.17	1.03
Northern Europe	UKESM1	1.00	1.00	0.99	1.00	1.11	1.03	1.02	1.08	1.00	0.96	0.92	0.96	1.01	1.01	1.10	1.05
	IPSL	1.00	1.00	0.99	1.00	1.00	1.03	1.09	1.06	0.98	0.95	0.95	0.97	0.97	1.02	1.18	1.01
	CNRM	1.00	0.99	0.99	0.99	1.11	1.11	1.31	1.01	0.98	0.93	0.94	0.95	1.03	1.06	1.34	1.01
	CESM2	1.00	1.00	0.99	1.00	1.06	1.00	0.97	1.03	1.00	0.96	0.96	0.96	1.03	1.00	1.02	1.01
	CanESM5	1.00	1.00	1.00	1.00	1.06	1.05	1.17	1.05	0.98	0.97	0.97	0.97	1.03	1.05	1.51	1.06
Mumbai	UKESM1	1.12	1.08	1.03	1.08	1.04	1.02	1.07	1.04	1.38	1.36	1.32	1.37	1.13	1.01	1.13	1.08
	IPSL	1.09	1.08	1.05	1.10	0.99	1.01	1.02	1.04	1.21	1.22	1.25	1.27	0.95	1.03	1.11	1.01
	CNRM	1.08	1.07	1.06	1.09	0.99	0.97	0.99	0.98	1.49	1.44	1.51	1.55	0.99	0.94	1.02	0.96
	CESM2	1.12	1.09	1.04	1.10	1.05	1.01	1.04	1.02	1.47	1.33	1.40	1.40	1.10	1.00	1.09	1.02
	CanESM5	1.11	1.10	1.04	1.08	1.05	1.04	0.92	0.99	1.62	1.57	1.47	1.53	0.98	1.02	1.30	1.01
Oslo	UKESM1	1.00	1.00	1.00	1.00	2.0	1.27	1.27	1.68	1.02	1.00	0.98	1.00	0.99	1.00	1.04	1.00
	IPSL	1.00	1.00	1.00	1.00	1.73	2.1	4.1	2.4	1.04	1.00	0.98	1.01	0.98	1.03	1.17	1.04
	CNRM	1.01	1.00	1.00	1.00	1.26	1.01	1.49	1.34	1.06	1.02	1.01	1.02	0.96	0.97	1.05	1.00
	CESM2	1.01	1.00	1.00	1.00	1.26	1.01	1.01	1.18	1.06	1.03	1.01	1.02	1.00	0.98	1.01	1.00
	CanESM5	1.01	1.00	1.00	1.00	1.13	1.58	2.8	1.55	1.06	1.04	0.99	1.03	1.00	1.05	1.40	1.05

Underdispersive: ensemble too narrow

Well-calibrated: CMIP6 indistinguishable from member

Systematic bias beyond stochastic variability

0 — 0.5 — 1 (perfect) — 1.5 — 2+