

Metrics	Correlation			SD			RMSE		
	WFDEI	WFD	EWEMBI	WFDEI	WFD	EWEMBI	WFDEI	WFD	EWEMBI
Sahel									
Mean tas	–	0.997	1.000	2.797	2.581	2.797	–	0.414	0.000
Mean pr	–	0.999	1.000	3.176	3.237	3.176	–	0.203	0.000
Mean rsds	–	0.980	0.938	43.125	47.945	30.944	–	39.115	18.687
T95p	–	0.994	1.000	3.290	2.830	3.290	–	0.577	0.000
R95p	–	0.970	1.000	6.740	12.979	6.740	–	8.424	0.000
R10mm	–	0.965	1.000	3.751	3.202	3.751	–	3.214	0.000
Number of day with tas > 30 °C	–	0.996	1.000	35.114	35.988	35.114	–	4.487	0.000
R1mm	–	0.961	1.000	27.421	15.859	27.421	–	21.527	0.000
Number of dry days	–	0.961	1.000	9.140	5.286	9.140	–	7.176	0.000
95th percentile of CDD	–	0.977	1.000	9.800	5.618	9.800	–	6.609	0.000
Guinea									
Mean tas	–	0.887	1.000	0.733	0.624	0.736	–	0.741	0.000
Mean pr	–	0.995	1.000	3.647	3.644	3.680	–	0.352	0.000
Mean rsds	–	0.824	0.390	15.387	14.419	13.946	–	54.940	28.532
T95p	–	0.844	1.000	0.789	0.655	0.795	–	1.005	0.000
R95p	–	0.948	1.000	7.866	11.735	7.957	–	13.676	0.000
R10mm	–	0.969	1.000	17.860	10.681	17.860	–	7.972	0.000
Number of day with tas > 30 °C	–	0.571	1.000	0.005	0.075	0.005	–	0.075	0.000
R1mm	–	0.717	1.000	7.440	10.897	7.440	–	29.305	0.000
Number of dry days	–	0.717	1.000	2.480	3.632	2.480	–	9.768	0.000
95th percentile of CDD	–	0.886	1.000	7.910	4.750	7.910	–	9.374	0.000