

Mean Diurnal Range (Bio2)					
	Mean	SD	Naive SE	Time-series SE	Effective Size
InL	-100.522384	0.7835868	0.002477907	0.00755717	10751.1712
Prior	-53.320775	8.7130408	0.027552916	0.14347139	3688.1525
Alpha	0.3485549	0.722835	0.002285794	0.02655461	740.9665
sig2	266.5635628	532.1863775	1.682912678	19.39058165	753.2616
K	9.0510295	3.2110475	0.010154173	0.05256116	3732.1887
ntheta	10.0510295	3.2110475	0.010154173	0.05256116	3732.1887
Root	147.3376187	1.3145955	0.004157095	0.04482365	860.1413
all theta	147.2932716	1.3599033	NA	NA	NA
Max Temperature of Warmest Month (Bio5)					
InL	-112.419595	0.8821026	0.003601139	0.02132328	1711.3153
Prior	-57.148419	8.6403439	0.035273763	0.17103225	2552.1492
Alpha	0.744491	1.2766977	0.005212053	0.05080224	631.5539
sig2	1446.50557	2585.409441	10.55480189	98.59988199	687.5525
K	9.077332	3.1347705	0.01279754	0.05706172	3018.0176
ntheta	10.077332	3.1347705	0.01279754	0.05706172	3018.0176
Root	298.532452	1.2496738	0.005101729	0.04792336	679.9842
all theta	298.535794	1.3435271	NA	NA	NA
Mean Temperature of Wettest Quarter (Bio8)					
InL	-121.5468262	0.96658163	0.003056584	0.011902719	6594.5433
Prior	-55.0008302	8.42531612	0.026643056	0.125721502	4491.1058
Alpha	0.0369773	0.03294653	0.000104186	0.000585257	3169.0324
sig2	418.8684146	183.3280191	0.579731201	2.749209858	4446.7417
K	9.0256197	3.20271192	0.010127814	0.050993422	3944.6406
Ntheta	10.0256197	3.20271192	0.010127814	0.050993422	3944.6406
Root	147.5814204	1.28210228	0.004054343	0.040760871	989.3693
all theta	147.4466769	1.35182763	NA	NA	NA
Mean Temperature of Driest Quarter (Bio9)					
InL	-114.3535645	0.81633	0.002581449	0.01037982	6185.1679
Prior	-56.8447586	8.680434	0.027449806	0.13667715	4033.5836
Alpha	0.5689034	1.03547	0.003274428	0.03673254	794.6452
sig2	1333.205308	2384.507098	7.540435824	88.6865837	722.9053
K	9.0420496	3.19489	0.010103079	0.05164332	3827.2203
ntheta	10.0420496	3.19489	0.010103079	0.05164332	3827.2203
Root	161.9704005	1.310038	0.004142684	0.04166674	988.5277
all theta	161.9097831	1.361374	NA	NA	NA

S3. Table. Continuation.

Precipitation Seasonality (Bio15)					
	Mean	SD	Naive SE	Time-series SE	Effective Size
InL	-93.167806	0.9329301	0.002950169	0.01721929	2935.4024
prior	-50.857522	8.5383241	0.027000416	0.13099313	4248.6234
Alpha	0.116048	0.2837757	0.000897373	0.00880523	1038.6495
sig2	60.392662	129.302341	0.40888786	4.25887653	921.7702
K	9.086759	3.2171809	0.010173568	0.05545823	3365.2622
Ntheta	10.086759	3.2171809	0.010173568	0.05545823	3365.2622
root	85.682763	1.269054	0.004013081	0.04242046	894.9722
all theta	85.518304	1.3457114	NA	NA	NA
Precipitation of Warmest Quarter (Bio18)					
InL	-106.8143361	0.9389603	0.002969238	0.01477863	4036.6954
Prior	-56.7503961	8.6399566	0.027321805	0.12948174	4452.5221
Alpha	0.8322109	1.4910023	0.00471494	0.05356412	774.834
sig2	1001.151199	1881.777768	5.950674044	70.00775056	722.5109
K	9.1442786	3.1676937	0.010017077	0.04729523	4485.9221
Ntheta	10.1442786	3.1676937	0.010017077	0.04729523	4485.9221
Root	53.5672198	1.2702167	0.004016758	0.03967621	1024.9326
all theta	53.6385693	1.3446584	NA	NA	NA
Precipitation of Coldest Quarter (Bio19)					
InL	-106.8668048	0.9814941	0.003366477	0.01924882	2599.9619
Prior	-56.3412503	8.6942255	0.029820772	0.16260797	2858.7631
Alpha	0.8127955	1.3120264	0.004500187	0.04529554	839.0239
sig2	979.7321085	1682.600236	5.771237247	57.66833592	851.3087
K	8.9963647	3.1513842	0.010809095	0.05414232	3387.8875
Ntheta	9.9963647	3.1513842	0.010809095	0.05414232	3387.8875
Root	53.6249888	1.3109363	0.004496448	0.04774266	753.9628
all theta	53.6608379	1.3653544	NA	NA	NA
Average Potential Evapo-Transpiration in May (PET5)					
InL	-97.4743696	0.7641541	0.002547166	0.007657532	9958.2768
Prior	-53.6122593	8.6756444	0.028918654	0.147230666	3472.2176
Alpha	0.5109595	1.3009111	0.004336346	0.051947958	627.131
sig2	281.9847069	705.1995473	2.350652099	28.05332476	631.9102
K	9.1394651	3.1689911	0.010563245	0.052805146	3601.5509
ntheta	10.1394651	3.1689911	0.010563245	0.052805146	3601.5509
Root	176.6626537	1.2771717	0.004257216	0.040874822	976.308
all theta	176.5971255	1.3550313	NA	NA	NA

S3. Table. Continuation.

Average precipitation in May (Prec5)					
	Mean	SD	Naive SE	Time-series SE	Effective Size
InL	-110.5613297	0.8379514	0.002793156	0.01210693	4790.3764
Prior	-56.150921	8.6104683	0.028701401	0.15492659	3088.884
Alpha	0.5529892	0.9357887	0.003119278	0.03071853	928.0143
sig2	944.6889058	1672.336897	5.574425354	53.40831898	980.4597
K	9.0691215	3.1535324	0.010511716	0.05579138	3194.9229
ntheta	10.0691215	3.1535324	0.010511716	0.05579138	3194.9229
Root	49.8659046	1.2856568	0.004285499	0.04420944	845.7073
all theta	49.9365859	1.3500916	NA	NA	NA
Average precipitation in October (Prec10)					
InL	-113.6859402	0.8442507	0.002814153	0.01229383	4715.9429
Prior	-56.8123657	8.6609855	0.028869791	0.14004791	3824.5588
Alpha	0.5415752	0.8702814	0.002900922	0.03197355	740.8629
sig2	1207.982401	1987.410791	6.624665834	73.09328632	739.2993
K	9.118632	3.202857	0.010676131	0.05470852	3427.4031
Ntheta	10.118632	3.202857	0.010676131	0.05470852	3427.4031
Root	66.6376168	1.3001362	0.004333763	0.04760131	746.002
all theta	66.6705717	1.3473501	NA	NA	NA
Average maximum temperature in January (Tmax1)					
InL	-117.7719663	0.7436434	0.002478798	0.005864663	16078.4204
prior	-56.6490559	8.724212	0.029080545	0.156342839	3113.841
alpha	0.3887595	0.9167801	0.003055917	0.026214568	1223.0521
sig2	1293.245106	2941.536024	9.805065607	85.27674973	1189.8359
k	9.0973878	3.2039271	0.010679698	0.055071768	3384.5989
ntheta	10.0973878	3.2039271	0.010679698	0.055071768	3384.5989
root	212.1487092	1.2859071	0.004286333	0.042087947	933.4772
all theta	212.1377003	1.3487753	NA	NA	NA