

Trait Model Selection

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Model Selection for Trait Model using GJAM

The most appropriate model is selected using a model selection approach and based on the Deviance Information Criterion (DIC) and a Bayesian score. The model with the highest score or the lowest DIC value is selected.

Predictors

The proposed models may consist of climatological variables (including mean winter temperature, soil moisture, hydrothermal deficit and hydrothermal surplus), soil data, topographical data (slope and aspect) and their interactions. The table below shows how different models explain the response variables throughout the dataset.

No	Predictors	DIC	xScore	yScore
149	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5, deficit:temp	0	-30.2	143523
148	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, temp:soil5, deficit:soil5, deficit:temp	5.45e+32	-43.7	140796
150	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5, deficit:temp	1.02e+33	-47.2	138657
142	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, moisture:soil5, temp:soil5, deficit:temp	1.9e+33	-30.1	141082
144	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:soil5, temp:soil5, deficit:soil5, deficit:temp	2.02e+33	-23.6	142929
147	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil5, deficit:soil5, deficit:temp	2.17e+33	-49.4	140389
145	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, temp:soil5, deficit:temp	2.29e+33	-46.9	141104
74	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:soil5, temp:soil5, deficit:soil5	2.44e+33	-66.1	119434
138	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil5, deficit:temp	2.49e+33	-48.7	-465873

No	Predictors	DIC	xScore	yScore
140	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, temp:soil5, deficit:temp	2.55e+33	-45.7	141425
134	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:soil5, temp:soil5, deficit:temp	2.59e+33	-25.1	137834
71	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5	2.67e+33	-23.2	140247
141	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, deficit:soil5, deficit:temp	2.67e+33	-36.4	142690
132	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, temp:soil5, deficit:temp	3.05e+33	-30.6	140795
72	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5	3.05e+33	-42.8	142135
78	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5	3.1e+33	-64.9	142519
73	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5	3.27e+33	-54.9	141693
126	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5, deficit:temp	3.33e+33	-44.1	142836
125	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5, deficit:temp	3.44e+33	-24.7	141795
135	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:soil5, deficit:soil5, deficit:temp	3.49e+33	-25.9	141970
124	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, temp:soil5, deficit:soil5, deficit:temp	3.5e+33	-40	142903
121	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, temp:soil5, deficit:temp	3.71e+33	-43	140562
57	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:soil5, temp:soil5, deficit:soil5	3.75e+33	-13.9	140780
120	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:soil5, temp:soil5, deficit:soil5, deficit:temp	3.81e+33	-19.8	137494

No	Predictors	DIC	xScore	yScore
146	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, deficit:soil5, deficit:temp	3.84e+33	-42.4	141856
299	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, moisture:soil4, temp:soil4, deficit:soil4, deficit:temp	3.84e+33	-23.1	141423
143	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, moisture:soil5, deficit:soil5, deficit:temp	3.9e+33	-30.2	141016
77	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, moisture:soil5, temp:soil5	4.02e+33	-73.8	102097
118	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, moisture:soil5, temp:soil5, deficit:temp	4.06e+33	-25.3	141311
137	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, deficit:temp	4.17e+33	-51.2	142165
55	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, moisture:soil5, temp:soil5	4.21e+33	-14.6	140292
63	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, temp:soil5, deficit:soil5	4.29e+33	-66.8	136697
290	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, temp:soil4, deficit:temp	4.3e+33	-39.4	136518
66	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:temp, temp:soil5, deficit:soil5	4.35e+33	-57.4	141416
129	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, temp:soil5, deficit:temp	4.37e+33	-49.4	135343
298	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, temp:soil4, deficit:soil4, deficit:temp	4.4e+33	-37.1	140505
110	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:soil5, temp:soil5, deficit:temp	4.43e+33	-22.3	139668
297	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil4, deficit:soil4, deficit:temp	4.48e+33	-36.3	139030
53	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, temp:soil5	4.52e+33	-53.2	140715

No	Predictors	DIC	xScore	yScore
70	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, temp:soil5, deficit:soil5	4.58e+33	-37.7	139642
48	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:soil5, temp:soil5	4.65e+33	-39.6	140155
56	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, moisture:soil5, deficit:soil5	4.66e+33	-21.3	140831
123	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil5, deficit:soil5, deficit:temp	4.7e+33	-41.2	136359
300	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4, deficit:soil4, deficit:temp	4.73e+33	-38	136892
131	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, moisture:soil5, deficit:temp	4.74e+33	-33.7	142126
284	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:soil4, temp:soil4, deficit:temp	4.75e+33	-20.1	136097
114	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil5, deficit:temp	4.86e+33	-48.2	140595
293	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, moisture:soil4, deficit:soil4, deficit:temp	4.88e+33	-23.1	140529
51	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil5	4.91e+33	-52	77733
286	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, temp:soil4, deficit:soil4, deficit:temp	4.92e+33	-13.9	141434
294	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:soil4, temp:soil4, deficit:soil4, deficit:temp	4.96e+33	-19.8	140944
108	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, temp:soil5, deficit:temp	5.03e+33	-25.5	133389
116	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, temp:soil5, deficit:temp	5.04e+33	-42.9	141304
97	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, temp:soil5	5.05e+33	-44.5	140062
96	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:soil5, temp:soil5, deficit:soil5	5.13e+33	-14.3	139022
291	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, deficit:soil4, deficit:temp	5.17e+33	-27.8	141546

No	Predictors	DIC	xScore	yScore
292	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, moisture:soil4, temp:soil4, deficit:temp	5.2e+33	-24.7	138322
64	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:temp, moisture:soil5, temp:soil5	5.29e+33	-46.2	129798
128	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, deficit:temp	5.35e+33	-45.8	140333
88	~ temp, moisture, deficit, soil5, u1, u2, u3, temp:soil5, deficit:soil5	5.36e+33	-7.79	139752
289	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, deficit:soil4, deficit:temp	5.38e+33	-31.4	139703
38	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:soil5, temp:soil5	5.41e+33	-7.5	138399
30	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, deficit:soil5	5.42e+33	-36.4	141003
275	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, moisture:soil4, temp:soil4, deficit:soil4, deficit:temp	5.44e+33	-20.6	138299
39	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:soil5, deficit:soil5	5.53e+33	-10	140207
266	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, temp:soil4, deficit:temp	5.54e+33	-34.9	141458
276	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4, deficit:soil4, deficit:temp	5.6e+33	-32.7	140246
271	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4, deficit:temp	5.65e+33	-34.4	139245
285	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:soil4, deficit:soil4, deficit:temp	5.65e+33	-19.9	140769
61	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:soil5, temp:soil5	5.71e+33	-66.8	140602
94	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, moisture:soil5, temp:soil5	5.82e+33	-13.5	139853
92	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, temp:soil5	5.82e+33	-42.2	138111

No	Predictors	DIC	xScore	yScore
296	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, deficit:soil4, deficit:temp	5.92e+33	-30.9	139906
115	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, deficit:soil5, deficit:temp	5.94e+33	-33.1	138989
46	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:temp, temp:soil5	5.99e+33	-44.8	139786
295	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4, deficit:temp	6.01e+33	-41.5	139888
40	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, temp:soil5, deficit:soil5	6.11e+33	-8.47	141415
117	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, deficit:soil5, deficit:temp	6.15e+33	-32.9	140022
33	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, temp:soil5	6.15e+33	-43.9	140233
270	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:soil4, temp:soil4, deficit:soil4, deficit:temp	6.16e+33	-16.9	140615
283	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, deficit:soil4, deficit:temp	6.16e+33	-22.5	139557
278	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, deficit:temp	6.19e+33	-35.7	138961
288	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil4, deficit:temp	6.19e+33	-41.8	140217
69	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil5, deficit:soil5	6.22e+33	-47.9	138269
258	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, temp:soil4, deficit:temp	6.23e+33	-20.9	141134
282	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, temp:soil4, deficit:temp	6.25e+33	-24.9	139983
58	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, moisture:soil5	6.29e+33	-60.1	139606
67	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, temp:soil5	6.36e+33	-49.4	73663

No	Predictors	DIC	xScore	yScore
103	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, deficit:temp	6.43e+33	-36.4	140770
287	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, deficit:temp	6.44e+33	-35.2	139566
260	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:soil4, temp:soil4, deficit:temp	6.46e+33	-17	140305
28	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:soil5	6.47e+33	-25.5	138708
95	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, moisture:soil5, deficit:soil5	6.6e+33	-18.7	139239
279	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, temp:soil4, deficit:temp	6.69e+33	-40.9	139528
42	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:soil5	6.78e+33	-41.3	138874
50	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5	6.79e+33	-43.6	139306
136	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, temp:soil5, deficit:soil5, deficit:temp	6.81e+33	-18.2	124438
262	~ temp, moisture, deficit, soil4, u1, u2, u3, temp:soil4, deficit:soil4, deficit:temp	6.82e+33	-11.2	140502
280	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, deficit:soil4, deficit:temp	6.84e+33	-29.1	139416
277	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, deficit:temp	6.86e+33	-37.7	136014
267	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, deficit:soil4, deficit:temp	6.91e+33	-22.9	141298
252	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4, deficit:soil4	6.94e+33	-31	139863
34	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, deficit:soil5	6.96e+33	-24.1	139388
91	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, deficit:soil5	7e+33	-31.3	137661
274	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, temp:soil4, deficit:soil4, deficit:temp	7e+33	-33	141342

No	Predictors	DIC	xScore	yScore
45	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:temp, moisture:soil5	7.01e+33	-35.7	137097
264	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil4, deficit:temp	7.04e+33	-36.5	137704
259	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, deficit:soil4, deficit:temp	7.07e+33	-18.2	138043
251	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, moisture:soil4, temp:soil4, deficit:soil4	7.08e+33	-17	140127
113	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, deficit:temp	7.09e+33	-36.9	140214
119	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, moisture:soil5, deficit:soil5, deficit:temp	7.09e+33	-22.5	140853
37	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, deficit:soil5	7.18e+33	-21.5	140326
269	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, moisture:soil4, deficit:soil4, deficit:temp	7.18e+33	-17.9	133120
249	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil4, deficit:soil4	7.24e+33	-34	138988
255	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, temp:soil4, deficit:temp	7.27e+33	-37.4	136425
31	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp	7.3e+33	-45.2	138133
20	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:soil5	7.33e+33	-4.91	137857
18	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp	7.35e+33	-13.4	136656
89	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5	7.39e+33	-34.6	138935
112	~ temp, moisture, deficit, soil5, u1, u2, u3, temp:soil5, deficit:soil5, deficit:temp	7.4e+33	-13.7	141389
102	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5	7.46e+33	-42.2	141353
122	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, deficit:soil5, deficit:temp	7.5e+33	-33.2	138239
75	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, temp:soil5, deficit:soil5	7.71e+33	-72.8	140944

No	Predictors	DIC	xScore	yScore
263	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, deficit:temp	7.82e+33	-26.5	132856
27	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:temp	7.83e+33	-37	136220
82	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, deficit:soil5	7.83e+33	-19.7	139607
87	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:soil5, deficit:soil5	7.84e+33	-9.47	137955
281	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, moisture:soil4, deficit:temp	7.86e+33	-27.9	137476
105	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, temp:soil5, deficit:temp	7.87e+33	-45.2	140892
43	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, temp:soil5	7.88e+33	-74.5	136664
265	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, deficit:soil4, deficit:temp	7.91e+33	-26.4	138764
49	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:soil5, deficit:soil5	7.95e+33	-34.1	116341
80	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:soil5	7.96e+33	-19.2	138353
83	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, moisture:soil5	8.01e+33	-11	137583
268	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, moisture:soil4, temp:soil4, deficit:temp	8.03e+33	-20.9	140550
139	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, deficit:soil5, deficit:temp	8.07e+33	-45.9	141187
250	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, temp:soil4, deficit:soil4	8.09e+33	-29.1	137008
100	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, temp:soil5, deficit:soil5	8.12e+33	-38.1	140671
86	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:soil5, temp:soil5	8.12e+33	-7.83	139713
246	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:soil4, temp:soil4, deficit:soil4	8.23e+33	-12.5	139496
257	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, moisture:soil4, deficit:temp	8.24e+33	-18.5	137477
7	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3	8.3e+33	-2.25	136499

No	Predictors	DIC	xScore	yScore
261	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:soil4, deficit:soil4, deficit:temp	8.35e+33	-14.5	139369
133	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, deficit:soil5, deficit:temp	8.43e+33	-30.3	140322
21	~ temp, moisture, deficit, soil5, u1, u2, u3+ moisture:soil5	8.44e+33	-5.18	137570
247	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4	8.48e+33	-34.3	139359
19	~ temp, moisture, deficit, soil5, u1, u2, u3+ moisture:temp	8.55e+33	-11.6	137784
36	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, temp:soil5	8.56e+33	-15.9	140887
29	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, temp:soil5	8.6e+33	-50.5	141264
127	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, deficit:temp	8.62e+33	-51.3	138165
101	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5	8.62e+33	-22.9	140249
54	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, deficit:soil5	8.63e+33	-22.4	140327
245	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, moisture:soil4, deficit:soil4	8.67e+33	-15.2	138088
76	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, moisture:soil5, deficit:soil5	8.69e+33	-72.2	140696
256	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, deficit:soil4, deficit:temp	8.69e+33	-25.3	140452
99	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil5, deficit:soil5	8.71e+33	-44.7	141300
65	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:temp, moisture:soil5, deficit:soil5	8.79e+33	-52	140845
106	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, deficit:soil5, deficit:temp	8.8e+33	-34.6	114658
68	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, deficit:soil5	8.82e+33	-37.3	140437

No	Predictors	DIC	xScore	yScore
98	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5, deficit:soil5	8.85e+33	-31.9	139092
111	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:soil5, deficit:soil5, deficit:temp	8.94e+33	-17.5	139064
130	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, deficit:soil5, deficit:temp	8.99e+33	-39.1	140554
59	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, temp:soil5	9.13e+33	-71.6	141187
22	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, temp:soil5	9.18e+33	-3.15	140774
85	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, deficit:soil5	9.21e+33	-19.2	139971
244	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, moisture:soil4, temp:soil4	9.21e+33	-11.3	138078
79	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp	9.26e+33	-38.9	136827
248	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, deficit:soil4	9.33e+33	-24.2	139701
273	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil4, deficit:soil4, deficit:temp	9.39e+33	-33.5	141284
60	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, deficit:soil5	9.44e+33	-67.2	139486
23	~ temp, moisture, deficit, soil5, u1, u2, u3+ temp:soil5	9.47e+33	-2.77	139747
62	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:soil5, deficit:soil5	9.53e+33	-44.7	138620
253	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, deficit:temp	9.57e+33	-30.7	135972
254	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, deficit:temp	9.6e+33	-25.6	136289
90	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil5	9.61e+33	-46.3	139129
44	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, deficit:soil5	9.67e+33	-49.2	139645
17	~ temp, moisture, deficit, soil5, u1, u2, u3+ moisture:deficit	9.7e+33	-20.2	137780

No	Predictors	DIC	xScore	yScore
104	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, deficit:temp	9.76e+33	-34	140035
109	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, deficit:soil5, deficit:temp	9.82e+33	-23.7	139652
84	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, temp:soil5	9.87e+33	-14.6	139260
81	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, temp:soil5	9.88e+33	-52.9	141637
93	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:deficit, moisture:soil5, deficit:soil5	9.89e+33	-18.9	139907
24	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, deficit:soil5	9.9e+33	-5.51	138090
32	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:soil5	9.96e+33	-28.6	139681
26	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit	9.99e+33	-43.8	139683
52	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp, deficit:soil5	1e+34	-43.8	129936
107	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, moisture:soil5, deficit:temp	1e+34	-24.8	140312
8	~ temp, moisture, deficit, soil5, u1, u2, u3	1e+34	-2.06	138994
35	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp, moisture:soil5	1.01e+34	-12.6	139616
9	~ temp, moisture, surplus, soil5, u1, u2, u3	1.01e+34	-2.1	137318
47	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:temp, deficit:soil5	1.01e+34	-56.5	137769
16	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit	1.01e+34	-30.8	121557
41	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp	1.03e+34	-69.3	139947
272	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, deficit:soil4, deficit:temp	1.03e+34	-26	140236
25	~ temp, moisture, deficit, soil5, u1, u2, u3+ deficit:soil5	1.08e+34	-5.07	139136
15	~ temp, moisture, deficit, soil5, u1, u2, u3+ moisture:surplus	1.13e+34	-27.9	138342
14	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus	1.14e+34	-30.2	137716

No	Predictors	DIC	xScore	yScore
10	~ temp, deficit, surplus, soil5, u1, u2, u3	1.29e+34	-2.28	136815
4	~ temp, moisture, deficit, soil5	1.33e+34	-0.657	137257
5	~ temp, moisture, surplus, soil5	1.38e+34	-0.817	138756
2	~ temp, deficit, soil5	1.4e+34	-0.116	135221
13	~ temp, deficit, moisture, u1, u2, u3	1.41e+34	-1.98	132798
6	~ temp, moisture, deficit, surplus, soil5	1.45e+34	-1.4	138002
11	~ temp, deficit, surplus, u1, u2, u3	1.45e+34	-2.19	130223
3	~ temp, surplus, soil5	1.47e+34	-0.362	132877
1	~ temp, moisture, soil5	1.47e+34	-0.415	134564
12	~ temp, moisture, surplus, u1, u2, u3	1.48e+34	-2.05	132226