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,	0	-30.2	143523
	u1, u2, u3, moisture:temp, moisture:soil5, temp:soil5, deficit:soil5,			
	deficit:temp			
148	~ temp, moisture, deficit, surplus, soil5,	5.45e + 32	-43.7	140796
	u1, u2, u3, moisture:deficit,			
	moisture:soil5, temp:soil5, deficit:soil5,			
	deficit:temp			
150	~ temp, moisture, deficit, surplus, soil5,	1.02e + 33	-47.2	138657
	u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil5,			
	temp:soil5, deficit:soil5, deficit:temp			
142	~ temp, moisture, deficit, surplus, soil5,	1.9e + 33	-30.1	141082
	u1, u2, u3, moisture:temp,	·		
	moisture:soil5, temp:soil5, deficit:temp			
144	~ temp, moisture, deficit, surplus, soil5,	2.02e + 33	-23.6	142929
	u1, u2, u3, moisture:soil5, temp:soil5,			
147	deficit:soil5, deficit:temp ~ temp, moisture, deficit, surplus, soil5,	2.17e + 33	-49.4	140389
141	u1, u2, u3, moisture: deficit,	2.170 99	-40.4	140303
	moisture:temp, temp:soil5, deficit:soil5,			
	deficit:temp			
145	~ temp, moisture, deficit, surplus, soil5,	2.29e + 33	-46.9	141104
	u1, u2, u3, moisture:deficit,			
	moisture:temp, moisture:soil5, temp:soil5, deficit:temp			
74	~ temp, moisture, deficit, surplus, soil5,	2.44e + 33	-66.1	119434
• •	u1, u2, u3, moisture:surplus,	2.110 00	00.1	110101
	moisture:deficit, moisture:soil5,			
	temp:soil5, deficit:soil5			
138	~ temp, moisture, deficit, surplus, soil5,	2.49e + 33	-48.7	-465873
	u1, u2, u3, moisture:deficit,			
	moisture:temp, temp:soil5, deficit:temp			

No	Predictors	DIC	xScore	yScore
140	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit,	2.55e+33	-45.7	141425
134	moisture:soil5, temp:soil5, deficit:temp ~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:soil5, temp:soil5,	2.59e+33	-25.1	137834
71	deficit:temp ~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:temp,	2.67e+33	-23.2	140247
141	moisture:soil5, temp:soil5, deficit:soil5 ~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit,	2.67e+33	-36.4	142690
132	moisture:soil5, deficit:soil5, deficit:temp ~ 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,	3.1e+33	-64.9	142519
73	moisture:soil5, temp:soil5, deficit:soil5 ~ 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,	3.84e+33	-42.4	141856
299	deficit:soil5, deficit:temp ~ 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
224	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:soil4, temp:soil4, deficit:soil4	5.43e+33	-58.4	140717
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
222	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4, deficit:soil4	5.78e+33	-36.3	139043

No	Predictors	DIC	xScore	yScore
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
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
223	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:temp, moisture:soil4, temp:soil4, deficit:soil4	5.99e+33	-49.7	138610
228	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4, deficit:soil4	6.01e+33	-56.8	128991
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
220	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, temp:soil4, deficit:soil4	6.07e + 33	-32.9	139831
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

No	Predictors	DIC	xScore	yScore
69	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit,	6.22e+33	-47.9	138269
258	moisture:temp, temp:soil5, deficit:soil5 ~ 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
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
227	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4	6.51e+33	-57.7	139166
218	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, deficit:soil4	6.51e+33	-28.9	139589
226	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, moisture:soil4, deficit:soil4	6.55e+33	-49.3	141163
211	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:soil4, temp:soil4	6.58e+33	-58.1	138873
221	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, moisture:soil4, temp:soil4, deficit:soil4	6.6e + 33	-19.1	140098
95	~ temp, moisture, deficit, soil5, u1, u2, u3, moisture:temp, moisture:soil5, deficit:soil5	6.6e+33	-18.7	139239

No	Predictors	DIC	xScore	yScore
215	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:temp, moisture:soil4, deficit:soil4	6.64e+33	-42.1	138250
279	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, temp:soil4, deficit:temp	6.69e+33	-40.9	139528
217	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4	6.73e+33	-39	140399
204	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, deficit:soil4	6.75e + 33	-19.3	139359
212	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:soil4, deficit:soil4	6.76e+33	-34.9	139608
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
190	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, temp:soil4, deficit:soil4	6.85e + 33	-7.64	139668
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
203	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, temp:soil4	6.92e + 33	-37.1	140619
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
207	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:soil4, temp:soil4, deficit:soil4	6.96e + 33	-12.5	139081

No	Predictors	DIC	xScore	yScore
196	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:temp, temp:soil4	6.96e+33	-39.4	138569
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
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
214	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:temp, moisture:soil4, temp:soil4	7.05e+33	-35.3	111625
186	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, temp:soil4	7.05e + 33	-12.4	132884
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
206	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, moisture:soil4, deficit:soil4	7.16e+33	-18.1	139802
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
199	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:soil4, deficit:soil4	7.24e + 33	-29.9	140463
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

No	Predictors	DIC	xScore	yScore
201	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil4	7.28e+33	-42	138573
31	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:deficit, moisture:temp	7.3e+33	-45.2	138133
209	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, temp:soil4	7.31e+33	-59	139074
198	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:soil4, temp:soil4	7.31e+33	-34.5	139600
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
225	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, temp:soil4, deficit:soil4	7.46e + 33	-57.8	138854
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
210	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, deficit:soil4	7.61e+33	-49.5	138693
187	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, deficit:soil4	7.66e + 33	-17.3	139003
205	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, moisture:soil4, temp:soil4	7.67e+33	-11.9	138176
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
180	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, deficit:soil4	7.82e + 33	-31.4	138754
263	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, deficit:temp	7.82e+33	-26.5	132856

No	Predictors	DIC	xScore	yScore
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
189	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:soil4, deficit:soil4	7.88e + 33	-9.02	139527
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
179	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, temp:soil4	7.91e + 33	-38.4	137694
172	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, temp:soil4	7.93e + 33	-2.96	136715
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
208	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp, moisture:soil4	8.09e+33	-49.7	139462
250	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, temp:soil4, deficit:soil4	8.09e+33	-29.1	137008
197	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:temp, deficit:soil4	8.1e+33	-42.4	140225
236	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:soil4, temp:soil4	8.12e+33	-7.37	138401

No	Predictors	DIC	xScore	yScore
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
193	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, temp:soil4	8.13e+33	-58.8	139852
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
170	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:soil4	8.28e + 33	-4.89	139028
182	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:soil4	8.28e+33	-24	139487
7	\sim temp, moisture, deficit, surplus, soil5, u1, u2, u3	8.3e + 33	-2.25	136499
242	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, temp:soil4	8.33e + 33	-34.2	123447
261	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:soil4, deficit:soil4, deficit:temp	8.35e+33	-14.5	139369
174	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, deficit:soil4	8.39e + 33	-5.32	139567
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
213	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, temp:soil4, deficit:soil4	8.45e+33	-69.2	138293
188	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:soil4, temp:soil4	8.46e + 33	-6.91	138848
247	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4, temp:soil4	8.48e+33	-34.3	139359
237	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:soil4, deficit:soil4	8.5e + 33	-9.03	138155
234	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, temp:soil4	8.5e + 33	-12	129113
19	\sim temp, moisture, deficit, soil 5, 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

No	Predictors	DIC	xScore	yScore
240	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil4	8.57e+33	-37.8	111495
181	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp	8.57e+33	-35.3	138579
184	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, deficit:soil4	8.57e + 33	-20.4	138412
192	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, moisture:soil4	8.58e+33	-33.3	138577
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
185	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp, moisture:soil4	8.74e + 33	-10.7	138231
165	~ temp, moisture, deficit, soil4, u1, u2, u3+ moisture:surplus	8.76e + 33	-22.8	139222
178	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:soil4	8.76e+33	-22.8	137145
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

No	Predictors	DIC	xScore	yScore
216	~ temp, moisture, deficit, surplus, soil4,	8.8e+33	-47.2	140035
	u1, u2, u3, moisture:surplus, moisture:temp, temp:soil4, deficit:soil4	0.00,00		
68	~ temp, moisture, deficit, surplus, soil5,	8.82e + 33	-37.3	140437
	u1, u2, u3, moisture:deficit,			
	moisture:temp, moisture:soil5, deficit:soil5			
241	~ temp, moisture, deficit, soil4, u1, u2,	$8.83e{+33}$	-25.4	138494
	u3, moisture:deficit, moisture:temp, deficit:soil4			
195	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus,	8.85e + 33	-26.7	138239
	moisture:temp, moisture:soil4			
98	~ temp, moisture, deficit, soil5, u1, u2,	8.85e + 33	-31.9	139092
	u3, moisture:deficit, moisture:temp, moisture:soil5, deficit:soil5			
183	~ temp, moisture, deficit, surplus, soil4,	8.86e + 33	-39.9	127644
177	u1, u2, u3, moisture:deficit, temp:soil4 ~ temp, moisture, deficit, surplus, soil4,	8.9e + 33	-30.8	137828
	u1, u2, u3, moisture:surplus,			
111	moisture:temp ~ temp, moisture, deficit, soil5, u1, u2,	8.94e + 33	-17.5	139064
111	u3, moisture; deficit, soil5, u1, u2,	6.940+33	-17.5	159004
	deficit:temp			
202	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit,	8.94e + 33	-29.7	136608
	moisture:temp, deficit:soil4			
130	\sim temp, moisture, deficit, surplus, soil 5,	8.99e + 33	-39.1	140554
	u1, u2, u3, moisture:deficit, deficit:soil5, deficit:temp			
176	~ temp, moisture, deficit, surplus, soil4,	9.04e + 33	-36.3	139308
	u1, u2, u3, moisture:surplus,			
200	moisture:deficit ~ temp, moisture, deficit, surplus, soil4,	9.09e + 33	-36.2	139267
200	u1, u2, u3, moisture: deficit,	<i>3.</i> 0 <i>3</i> €∓33	-50.2	109201
	moisture:temp, moisture:soil4			
191	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus,	9.1e + 33	-51.3	137602
	moisture:deficit, moisture:temp			
59	\sim temp, moisture, deficit, surplus, soil 5,	9.13e + 33	-71.6	141187
	u1, u2, u3, moisture:surplus, moisture:deficit, moisture:temp,			
	temp:soil5			
22	\sim temp, moisture, deficit, surplus, soil 5,	9.18e + 33	-3.15	140774
85	u1, u2, u3, temp:soil5 ~ temp, moisture, deficit, soil5, u1, u2,	9.21e + 33	-19.2	139971
00	u3, moisture: temp, deficit:soil5	0.210 00	10.4	100011
244	\sim temp, moisture, deficit, soil 4, u1, u2,	9.21e + 33	-11.3	138078
	u3, moisture:temp, moisture:soil4, temp:soil4			
233	~ temp, moisture, deficit, soil4, u1, u2,	9.22e + 33	-9.61	137367
	u3, moisture:temp, moisture:soil4			

No	Predictors	DIC	xScore	yScore
219	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit, moisture:temp, temp:soil4, deficit:soil4	9.23e+33	-39.8	140301
168	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:temp	9.26e + 33	-10.9	136618
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
175	\sim temp, moisture, deficit, soil 4, u1, u2, u3+ deficit:soil 4	9.39e + 33	-4.83	121324
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	\sim temp, moisture, deficit, soil 5, u1, u2, u3+ temp:soil5	9.47e + 33	-2.77	139747
235	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:temp, deficit:soil4	9.47e + 33	-15.5	139143
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
239	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp, moisture:soil4	9.6e + 33	-26.2	137106
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
173	~ temp, moisture, deficit, soil4, u1, u2, u3+ temp:soil4	9.64e + 33	-2.68	136954
44	~ temp, moisture, deficit, surplus, soil5, u1, u2, u3, moisture:surplus, moisture:deficit, deficit:soil5	9.67e + 33	-49.2	139645
243	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:soil4, deficit:soil4	9.69e + 33	-15.5	138076
17	\sim temp, moisture, deficit, soil 5, u1, u2, u3+ moisture: deficit	9.7e + 33	-20.2	137780
230	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:soil4	9.74e + 33	-16	62355

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
194	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus, moisture:deficit, deficit:soil4	9.97e+33	-37.6	138701
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
169	~ temp, moisture, deficit, soil4, u1, u2, u3+ moisture:temp	1.01e + 34	-9.42	138038
9	~ temp, moisture, surplus, soil5, u1, u2, u3	1.01e + 34	-2.1	137318
157	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3	1.01e + 34	-2.25	137017
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

No	Predictors	DIC	xScore	yScore
25	~ temp, moisture, deficit, soil5, u1, u2, u3+ deficit:soil5	1.08e+34	-5.07	139136
171	~ temp, moisture, deficit, soil4, u1, u2, u3+ moisture:soil4	1.08e + 34	-5.13	135404
158	~ temp, moisture, deficit, soil4, u1, u2, u3	1.1e + 34	-2.07	137644
167	~ temp, moisture, deficit, soil4, u1, u2, u3+ moisture:deficit	1.1e + 34	-16.1	136434
160	\sim temp, deficit, surplus, soil 4, u1, u2, u3	1.1e + 34	-2.26	137851
238	~ temp, moisture, deficit, soil4, u1, u2, u3, temp:soil4, deficit:soil4	1.11e + 34	-7.24	136356
159	~ temp, moisture, surplus, soil4, u1, u2, u3	1.12e + 34	-2.09	136182
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
231	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, temp:soil4	1.15e + 34	-39.9	136695
229	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, moisture:temp	1.16e + 34	-29.8	138385
164	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:surplus	1.2e + 34	-24.4	137626
232	~ temp, moisture, deficit, soil4, u1, u2, u3, moisture:deficit, deficit:soil4	1.2e + 34	-15.3	137000
166	~ temp, moisture, deficit, surplus, soil4, u1, u2, u3, moisture:deficit	1.22e + 34	-24.8	139180
10	\sim temp, deficit, surplus, soil 5, u1, u2, u3	1.29e + 34	-2.28	136815
156	\sim temp, moisture, deficit, surplus, soil 4	1.31e + 34	-1.34	135663
4	~ temp, moisture, deficit, soil5	1.33e + 34	-0.657	137257
154	~ temp, moisture, deficit, soil4	1.36e + 34	-0.621	135133
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
163	~ temp, deficit, moisture, u1, u2, u3	1.41e + 34	-1.98	132798
155	~ temp, moisture, surplus, soil4	1.42e + 34	-0.788	134922
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
161	~ temp, deficit, surplus, u1, u2, u3	1.45e + 34	-2.19	130223
152	~ temp, deficit, soil4	1.47e + 34	-0.103	134494
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
162	~ temp, moisture, surplus, u1, u2, u3	1.48e + 34	-2.05	132226
151 152	~ temp, moisture, soil4	1.55e + 34	-0.403	134896
153	~ temp, surplus, soil4	1.56e + 34	-0.358	133394