

Table S1. The results of multi-model inference comparison for GLM models containing various combinations of variables based on AIC values for Mount Cameroon Francolin occurrence during all study years (2016-2022).

Model	Intercept	Longitude	Tree loss	Main threats	Wet/dry season	National park	<i>Prunus</i> abundance	Tree cover	Vegetation	Year	d.f.	logLik	AICc	Delta	Weight
45	-1.29			+	+		+				5	-98.82	207.90	0.00	0.079
46	-52.90	5.69		+	+		+				6	-98.02	208.40	0.50	0.062
47	-1.26		-0.50	+	+		+				6	-98.25	208.90	0.96	0.049
109	-2.37			+	+		+	0.01			6	-98.39	209.10	1.24	0.043
48	-55.93	6.02	-0.56	+	+		+				7	-97.36	209.20	1.30	0.041
61	-1.30			+	+	+	+				6	-98.65	209.70	1.75	0.033
62	-60.22	6.49		+	+	+	+				7	-97.62	209.70	1.83	0.032
110	-49.34	5.20		+	+		+	0.01			7	-97.75	210.00	2.08	0.028
64	-65.51	7.07	-0.65	+	+	+	+				8	-96.78	210.20	2.29	0.025
63	-1.28	-0.55	-0.55	+	+	+	+				7	-97.98	210.40	2.53	0.022
111	-2.07		-0.42	+	+		+	0.01			7	-98.03	210.50	2.64	0.021
125	-2.53			+	+	+	+	0.02			7	-98.12	210.70	2.82	0.019
301	-0.83			+	+		+			+	7	-98.20	210.90	2.98	0.018
317	-1.31			+	+	+	+			+	7	-98.20	210.90	2.98	0.018
112	-53.90	5.74	-0.50	+	+		+	0.01			8	-97.25	211.10	3.23	0.016
126	-56.91	6.02		+	+	+	+	0.01			8	-97.28	211.20	3.28	0.015
303	-0.68		-0.64	+	+		+			+	8	-97.33	211.30	3.37	0.015
319	-1.29		-0.64	+	+	+	+			+	8	-97.33	211.30	3.37	0.015
173	-15.11			+	+		+		+		7	-98.44	211.40	3.46	0.014
43	-1.63		-0.71		+		+				5	-100.66	211.60	3.67	0.013
41	-1.72				+		+				4	-101.80	211.80	3.87	0.011
302	-56.83	6.17		+	+		+			+	8	-97.62	211.90	3.96	0.011
318	-57.32	6.17		+	+	+	+			+	8	-97.62	211.90	3.96	0.011

174	-67.14	5.70		+	+		+		+	8	-97.68	212.00	4.09	0.010
127	-2.22		-0.46	+	+	+	+	0.01		8	-97.69	212.00	4.11	0.010
128	-63.57	6.79	-0.58	+	+	+	+	0.01		9	-96.64	212.10	4.15	0.010
365	-1.90			+	+		+	0.02	+	8	-97.73	212.10	4.18	0.010
381	-2.45			+	+	+	+	0.02	+	8	-97.73	212.10	4.18	0.010
59	-1.61		-0.77		+	+	+			6	-99.94	212.20	4.33	0.009
304	-56.84	6.19	-0.66	+	+		+		+	9	-96.75	212.30	4.38	0.009
320	-57.47	6.19	-0.66	+	+	+	+		+	9	-96.75	212.30	4.38	0.009
175	-14.89		-0.52	+	+		+		+	8	-97.83	212.30	4.39	0.009
105	-2.89				+		+	0.02		5	-101.23	212.70	4.82	0.007
57	-1.69				+	+	+			5	-101.24	212.70	4.84	0.007
237	-15.71			+	+		+	0.01	+	8	-98.08	212.80	4.88	0.007
53	-1.64			+		+	+			5	-101.30	212.90	4.96	0.007
176	-68.47	5.87	-0.55	+	+		+		+	9	-97.05	212.90	4.97	0.007
367	-1.43		-0.56	+	+		+	0.01	+	9	-97.13	213.00	5.13	0.006
383	-2.07		-0.56	+	+	+	+	0.01	+	9	-97.13	213.00	5.13	0.006
189	-14.88			+	+	+	+		+	8	-98.24	213.10	5.20	0.006
107	-2.48		-0.63		+		+	0.01		6	-100.39	213.10	5.23	0.006
44	-26.38	2.72	-0.77		+		+			6	-100.46	213.30	5.37	0.005
37	-1.98			+			+			4	-102.56	213.30	5.39	0.005
366	-52.97	5.64		+	+		+	0.01	+	9	-97.27	213.30	5.43	0.005
382	-53.51	5.64		+	+	+	+	0.01	+	9	-97.27	213.30	5.43	0.005
60	-41.45	4.39	-0.88		+	+	+			7	-99.43	213.30	5.43	0.005
299	-0.82		-0.86		+		+		+	7	-99.46	213.40	5.49	0.005
315	-1.63		-0.86		+	+	+		+	7	-99.46	213.40	5.49	0.005
190	-71.88	6.26		+	+	+	+		+	9	-97.34	213.50	5.56	0.005
121	-2.96				+	+	+	0.02		6	-100.62	213.60	5.70	0.005
39	-1.92		-0.62	+			+			5	-101.68	213.60	5.71	0.005
42	-16.49	1.63			+		+			5	-101.72	213.70	5.80	0.004

55	-1.62		-0.52	+		+	+			6	-100.70	213.80	5.85	0.004
191	-14.55		-0.60	+	+	+	+		+	9	-97.49	213.80	5.86	0.004
123	-2.53		-0.69		+	+	+	0.01		7	-99.64	213.80	5.86	0.004
238	-62.87	5.19		+	+		+	0.01	+	9	-97.50	213.80	5.88	0.004
192	-75.24	6.67	-0.66	+	+	+	+		+	10	-96.48	213.90	6.02	0.004
293	-2.04			+			+			6	-100.83	214.00	6.11	0.004
309	-1.65			+		+	+			6	-100.83	214.00	6.11	0.004
239	-15.35		-0.45	+	+		+	0.01	+	9	-97.67	214.10	6.22	0.004
117	-2.64			+		+	+	0.01		6	-100.91	214.20	6.27	0.003
368	-55.51	5.97	-0.59	+	+		+	0.01	+	10	-96.61	214.20	6.28	0.003
384	-56.16	5.97	-0.59	+	+	+	+	0.01	+	10	-96.61	214.20	6.28	0.003
101	-3.14			+			+	0.02		5	-101.98	214.20	6.31	0.003
253	-15.50			+	+	+	+	0.02	+	9	-97.76	214.30	6.39	0.003
58	-27.70	2.86			+	+	+			6	-101.01	214.40	6.48	0.003
297	-1.05				+		+			6	-101.02	214.40	6.49	0.003
313	-1.70				+	+	+			6	-101.02	214.40	6.49	0.003
295	-1.92		-0.60	+			+			7	-100.03	214.50	6.64	0.003
311	-1.64		-0.60	+		+	+			7	-100.03	214.50	6.64	0.003
429	-14.45			+	+		+		+	9	-97.95	214.70	6.77	0.003
445	-14.91			+	+	+	+		+	9	-97.95	214.70	6.77	0.003
106	-12.20	1.03			+		+	0.01		6	-101.20	214.80	6.86	0.003
169	-16.39				+		+		+	6	-101.20	214.80	6.86	0.003
171	-16.02		-0.68		+		+			7	-100.17	214.80	6.92	0.002
54	-10.42	0.96		+		+	+			6	-101.28	214.90	7.01	0.002
240	-66.41	5.62	-0.51	+	+		+	0.01	+	10	-96.99	214.90	7.03	0.002
108	-23.54	2.33	-0.69		+		+	0.01		7	-100.24	215.00	7.07	0.002
254	-67.18	5.69		+	+	+	+	0.01	+	10	-97.06	215.10	7.19	0.002
447	-14.56		-0.65	+	+	+	+		+	10	-97.07	215.10	7.19	0.002
431	-13.95		-0.65	+	+		+		+	10	-97.07	215.10	7.19	0.002

363	-1.59		-0.78			+		+	0.01		+	8	-99.25	215.10	7.21	0.002
379	-2.39		-0.78			+	+	+	0.01		+	8	-99.25	215.10	7.21	0.002
124	-38.09	3.94	-0.80			+	+	+	0.01			8	-99.25	215.10	7.21	0.002
103	-2.77		-0.52	+				+	0.01			6	-101.40	215.20	7.25	0.002
316	-27.35	2.83	-0.90			+	+	+			+	8	-99.32	215.30	7.36	0.002
300	-26.52	2.83	-0.90			+		+			+	8	-99.32	215.30	7.36	0.002
38	-1.65	-0.04		+				+				5	-102.56	215.40	7.47	0.002
361	-2.23					+		+	0.02		+	7	-100.46	215.40	7.49	0.002
377	-2.90					+	+	+	0.02		+	7	-100.46	215.40	7.49	0.002
357	-2.93			+				+	0.01		+	7	-100.48	215.40	7.53	0.002
373	-2.58			+			+	+	0.01		+	7	-100.48	215.40	7.53	0.002
255	-15.07		-0.51	+	+	+	+	+	0.01	+		10	-97.24	215.40	7.54	0.002
122	-22.49	2.16				+	+	+	0.02			7	-100.49	215.50	7.56	0.002
119	-2.35		-0.44	+			+	+	0.01			7	-100.50	215.50	7.58	0.002
430	-71.74	6.29		+	+			+		+	+	10	-97.34	215.60	7.73	0.002
446	-72.20	6.29		+	+	+	+	+	+	+	+	10	-97.34	215.60	7.73	0.002
187	-15.47		-0.79			+	+	+		+		8	-99.53	215.70	7.78	0.002
40	-5.59	0.40	-0.62	+				+				6	-101.67	215.70	7.81	0.002
56	-13.05	1.26	-0.53	+			+	+				7	-100.65	215.80	7.88	0.002
256	-72.76	6.36	-0.61	+	+	+	+	+	0.01	+		11	-96.38	215.90	8.01	0.001
493	-14.93			+	+			+	0.01	+	+	10	-97.53	216.00	8.12	0.001
509	-15.47			+	+	+	+	+	0.01	+	+	10	-97.53	216.00	8.12	0.001
294	11.76	-1.51		+				+			+	7	-100.78	216.00	8.14	0.001
310	12.09	-1.51		+			+	+			+	7	-100.78	216.00	8.14	0.001
185	-16.00					+	+	+		+		7	-100.81	216.10	8.20	0.001
432	-71.10	6.28	-0.66	+	+			+		+	+	11	-96.48	216.10	8.21	0.001
448	-71.72	6.28	-0.66	+	+	+	+	+		+	+	11	-96.48	216.10	8.21	0.001
233	-16.96					+		+	0.01	+		7	-100.84	216.20	8.26	0.001
181	-16.03			+			+	+		+		7	-100.87	216.20	8.32	0.001

102	3.01	-0.68		+		+	0.02			6	-101.96	216.30	8.38	0.001
118	-6.54	0.43		+		+	0.01			7	-100.90	216.30	8.39	0.001
298	-17.54	1.82			+				+	7	-100.96	216.40	8.49	0.001
314	-18.20	1.82			+	+			+	7	-100.96	216.40	8.49	0.001
359	-2.50		-0.53	+			0.01		+	8	-99.89	216.40	8.51	0.001
375	-2.23		-0.53	+		+	0.01		+	8	-99.89	216.40	8.51	0.001
172	-45.65	3.24	-0.72		+				+	8	-99.91	216.40	8.54	0.001
296	13.53	-1.69	-0.60	+						8	-99.97	216.60	8.65	0.001
312	13.75	-1.69	-0.60	+		+				8	-99.97	216.60	8.65	0.001
170	-39.63	2.54			+				+	7	-101.04	216.60	8.65	0.001
235	-16.45		-0.62		+		0.01		+	8	-100.01	216.60	8.73	0.001
165	-16.10			+					+	6	-102.23	216.80	8.91	0.001
188	-54.51	4.28	-0.86		+	+			+	9	-99.08	216.90	9.03	0.001
511	-14.98		-0.57	+	+	+	0.01		+	11	-96.89	216.90	9.04	0.001
495	-14.34		-0.57	+	+		0.01		+	11	-96.89	216.90	9.04	0.001
380	-24.40	2.43	-0.82		+	+	0.01		+	9	-99.15	217.10	9.18	0.001
364	-23.59	2.43	-0.82		+		0.01		+	9	-99.15	217.10	9.18	0.001
427	-14.75		-0.83		+				+	9	-99.17	217.10	9.21	0.001
443	-15.50		-0.83		+	+			+	9	-99.17	217.10	9.21	0.001
104	-2.36	-0.05	-0.52	+			0.01			7	-101.40	217.30	9.37	0.001
167	-15.83		-0.60	+					+	7	-101.40	217.30	9.37	0.001
510	-67.30	5.71		+	+	+	0.01		+	11	-97.06	217.30	9.38	0.001
494	-66.78	5.71		+	+		0.01		+	11	-97.06	217.30	9.38	0.001
421	-16.41			+					+	8	-100.33	217.30	9.39	0.001
437	-16.02			+		+			+	8	-100.33	217.30	9.39	0.001
249	-16.62				+	+	0.02		+	8	-100.34	217.30	9.39	0.001
183	-15.81		-0.49	+		+			+	8	-100.34	217.30	9.39	0.001
358	17.45	-2.24		+			0.01		+	8	-100.37	217.40	9.47	0.001
374	17.72	-2.24		+		+	0.01		+	8	-100.37	217.40	9.47	0.001

251	-15.96		-0.72			+	+	+	0.01	+		9	-99.30	217.40	9.48	0.001
362	-11.50	1.03				+		+	0.02		+	8	-100.44	217.50	9.59	0.001
378	-12.18	1.03				+	+	+	0.02		+	8	-100.44	217.50	9.59	0.001
120	-10.45	0.89	-0.45	+			+	+	0.01			8	-100.48	217.60	9.67	0.001
186	-45.16	3.19				+	+	+		+		8	-100.55	217.70	9.81	0.001
425	-15.48					+		+		+	+	8	-100.60	217.80	9.93	0.001
441	-16.04					+	+	+		+	+	8	-100.60	217.80	9.93	0.001
245	-16.53			+			+	+	0.01	+		8	-100.60	217.80	9.93	0.001
35	-2.40		-0.90					+				4	-104.84	217.90	9.95	0.001
229	-16.73			+				+	0.01	+		7	-101.76	218.00	10.09	0.001
423	-16.06		-0.55	+				+		+	+	9	-99.66	218.10	10.19	0.000
439	-15.77		-0.55	+			+	+		+	+	9	-99.66	218.10	10.19	0.000
496	-69.13	6.03	-0.61	+	+			+	0.01	+	+	12	-96.37	218.10	10.22	0.000
512	-69.77	6.03	-0.61	+	+	+		+	0.01	+	+	12	-96.37	218.10	10.22	0.000
234	-33.14	1.78				+		+	0.01	+		8	-100.76	218.20	10.25	0.000
182	-30.55	1.59		+			+	+		+		8	-100.80	218.20	10.33	0.000
360	16.42	-2.08	-0.52	+				+	0.01		+	9	-99.80	218.40	10.49	0.000
376	16.61	-2.08	-0.52	+			+	+	0.01		+	9	-99.80	218.40	10.49	0.000
236	-42.37	2.85	-0.67			+		+	0.01	+		9	-99.82	218.40	10.52	0.000
51	-2.22		-0.82				+	+				5	-104.21	218.70	10.77	0.000
252	-50.72	3.83	-0.81			+	+	+	0.01	+		10	-98.96	218.90	10.99	0.000
166	-19.04	0.32		+				+		+		7	-102.22	218.90	11.02	0.000
428	-42.93	3.09	-0.87			+		+		+	+	10	-99.00	219.00	11.07	0.000
444	-43.68	3.09	-0.87			+	+	+		+	+	10	-99.00	219.00	11.07	0.000
231	-16.32		-0.52	+				+	0.01	+		8	-101.18	219.00	11.08	0.000
491	-15.12		-0.78			+		+	0.01	+	+	10	-99.02	219.00	11.09	0.000
507	-15.89		-0.78			+	+	+	0.01	+	+	10	-99.02	219.00	11.09	0.000
485	-16.82			+				+	0.01	+	+	9	-100.10	219.00	11.09	0.000
501	-16.47			+			+	+	0.01	+	+	9	-100.10	219.00	11.09	0.000

99	-3.34		-0.80			+	0.01			5	-104.43	219.10	11.20	0.000
489	-15.99					+	0.01	+	+	9	-100.20	219.20	11.28	0.000
505	-16.60					+	0.01	+	+	9	-100.20	219.20	11.28	0.000
250	-37.85	2.33				+	0.01	+		9	-100.21	219.20	11.29	0.000
247	-16.19		-0.43	+		+	0.01	+		9	-100.21	219.20	11.30	0.000
184	-30.66	1.62	-0.49	+		+		+		9	-100.27	219.30	11.41	0.000
168	-20.57	0.52	-0.60	+		+		+		8	-101.39	219.40	11.50	0.000
422	-10.10	-0.69		+		+		+	+	9	-100.32	219.40	11.53	0.000
438	-9.74	-0.69		+		+		+	+	9	-100.32	219.40	11.53	0.000
36	21.11	-2.58	-0.83			+				5	-104.60	219.50	11.55	0.000
33	-2.57					+				3	-106.73	219.60	11.67	0.000
49	-2.35					+				4	-105.76	219.70	11.78	0.000
426	-36.73	2.33				+		+	+	9	-100.51	219.80	11.89	0.000
442	-37.29	2.33				+		+	+	9	-100.51	219.80	11.89	0.000
291	-2.45		-0.90			+			+	6	-103.72	219.80	11.89	0.000
307	-2.23		-0.90			+			+	6	-103.72	219.80	11.89	0.000
97	-3.87		0.02			+				4	-105.85	219.90	11.96	0.000
246	-25.74	1.01		+		+	0.01	+		9	-100.58	219.90	12.04	0.000
115	-3.13		-0.72			+	0.01			6	-103.81	220.00	12.08	0.000
487	-16.35		-0.50	+		+	0.01	+	+	10	-99.57	220.10	12.20	0.000
503	-16.07		-0.50	+		+	0.01	+	+	10	-99.57	220.10	12.20	0.000
230	-12.83	-0.43		+		+	0.01	+		8	-101.75	220.10	12.22	0.000
113	-3.58					+	0.02			5	-104.96	220.20	12.27	0.000
424	-6.37	-1.05	-0.55	+		+		+	+	10	-99.63	220.20	12.32	0.000
440	-6.12	-1.05	-0.55	+		+		+	+	10	-99.63	220.20	12.32	0.000
292	47.21	-5.43	-0.82			+			+	7	-102.92	220.30	12.42	0.000
308	47.25	-5.43	-0.82			+			+	7	-102.92	220.30	12.42	0.000
52	18.42	-2.26	-0.76			+				6	-104.02	220.40	12.51	0.000
98	36.55	-4.45				+	0.02			5	-105.10	220.50	12.56	0.000

34	32.25	-3.82									4	-106.16	220.50	12.59	0.000
100	24.71	-3.09	-0.69					0.01			6	-104.09	220.50	12.64	0.000
163	-17.09		-0.79							+	6	-104.12	220.60	12.69	0.000
50	28.44	-3.37				+				+	5	-105.33	220.90	13.00	0.000
508	-40.29	2.68	-0.81			+		0.01		+	11	-98.90	221.00	13.05	0.000
492	-39.53	2.68	-0.81			+		0.01		+	11	-98.90	221.00	13.05	0.000
486	-3.77	-1.42				+		0.01		+	10	-100.06	221.10	13.19	0.000
502	-3.47	-1.42				+		0.01		+	10	-100.06	221.10	13.19	0.000
179	-17.14		-0.69			+				+	7	-103.31	221.10	13.19	0.000
177	-17.57					+				+	6	-104.38	221.10	13.22	0.000
232	-16.84	0.06	-0.52			+		0.01		+	9	-101.18	221.10	13.24	0.000
114	31.31	-3.84				+		0.02			6	-104.42	221.20	13.30	0.000
290	53.44	-6.14								+	6	-104.46	221.30	13.37	0.000
306	53.61	-6.14				+				+	6	-104.46	221.30	13.37	0.000
506	-29.72	1.44				+		0.01		+	10	-100.17	221.30	13.39	0.000
490	-29.11	1.44				+		0.01		+	10	-100.17	221.30	13.39	0.000
248	-27.93	1.29	-0.44			+		0.01		+	10	-100.17	221.30	13.39	0.000
289	-2.73										5	-105.54	221.30	13.42	0.000
305	-2.36					+					5	-105.54	221.30	13.42	0.000
355	-3.24		-0.81					0.01			7	-103.42	221.30	13.42	0.000
371	-3.01		-0.81			+		0.01			7	-103.42	221.30	13.42	0.000
161	-17.57									+	5	-105.57	221.40	13.49	0.000
116	21.11	-2.67	-0.64			+		0.01			7	-103.57	221.60	13.72	0.000
354	58.09	-6.79						0.02			7	-103.58	221.60	13.74	0.000
370	58.19	-6.79				+		0.02			7	-103.58	221.60	13.74	0.000
372	50.21	-5.86	-0.70			+		0.01			8	-102.54	221.70	13.81	0.000
356	50.19	-5.86	-0.70					0.01			8	-102.54	221.70	13.81	0.000
419	-17.34		-0.75							+	8	-102.63	221.90	13.97	0.000
435	-17.11		-0.75			+				+	8	-102.63	221.90	13.97	0.000

369	-3.53				+	+	0.02		+	6	-104.80	222.00	14.06	0.000
353	-3.90					+	0.02		+	6	-104.80	222.00	14.06	0.000
227	-17.57		-0.73			+	0.01	+		7	-103.87	222.20	14.32	0.000
504	-3.11	-1.42	-0.50	+		+	0.01	+	+	11	-99.53	222.20	14.32	0.000
488	-3.33	-1.42	-0.50	+			0.01	+	+	11	-99.53	222.20	14.32	0.000
417	-17.92					+		+	+	7	-103.89	222.30	14.37	0.000
433	-17.57				+	+		+	+	7	-103.89	222.30	14.37	0.000
225	-18.19		0.01			+		+		6	-105.05	222.50	14.55	0.000
241	-18.09				+	+	0.01	+		7	-104.01	222.50	14.60	0.000
164	-1.26	-1.72	-0.77			+		+		7	-104.03	222.50	14.63	0.000
243	-17.56		-0.64		+	+	0.01	+		8	-103.12	222.90	14.95	0.000
178	-2.93	-1.59			+	+		+		7	-104.30	223.10	15.19	0.000
162	4.82	-2.44				+		+		6	-105.38	223.10	15.21	0.000
180	-7.32	-1.07	-0.68		+	+		+		8	-103.27	223.20	15.26	0.000
420	19.38	-3.98	-0.73			+		+	+	9	-102.24	223.30	15.36	0.000
436	19.48	-3.98	-0.73		+	+		+	+	9	-102.24	223.30	15.36	0.000
434	20.73	-4.17			+	+		+	+	8	-103.46	223.50	15.64	0.000
418	20.51	-4.17				+		+	+	8	-103.46	223.50	15.64	0.000
483	-17.65		-0.71			+	0.01	+	+	9	-102.51	223.80	15.90	0.000
499	-17.43		-0.71		+	+	0.01	+	+	9	-102.51	223.80	15.90	0.000
481	-18.36					+	0.01	+	+	8	-103.60	223.80	15.92	0.000
497	-18.03				+	+	0.01	+	+	8	-103.60	223.80	15.92	0.000
226	13.64	-3.48				+	0.02	+		7	-104.69	223.90	15.96	0.000
228	4.14	-2.37	-0.68			+	0.01	+		8	-103.70	224.00	16.13	0.000
242	4.34	-2.45			+	+	0.01	+		8	-103.84	224.30	16.41	0.000
482	28.71	-5.12				+	0.01	+	+	9	-103.00	224.80	16.88	0.000
498	28.86	-5.12			+	+	0.01	+	+	9	-103.00	224.80	16.88	0.000
244	-2.89	-1.60	-0.61		+	+	0.01	+		9	-103.05	224.90	16.97	0.000
484	23.68	-4.49	-0.66			+	0.01	+	+	10	-102.05	225.10	17.15	0.000

500	23.74	-4.49	-0.66			+	+	0.01	+	+	10	-102.05	225.10	17.15	0.000
77	-2.32			+	+			0.03			4	-124.33	256.80	48.93	0.000
78	-39.79	4.15		+	+			0.03			5	-123.76	257.80	49.88	0.000
79	-2.19		-0.24	+	+			0.03			5	-124.16	258.60	50.66	0.000
93	-2.42			+	+	+		0.03			5	-124.23	258.70	50.80	0.000
80	-42.67	4.48	-0.30	+	+			0.03			6	-123.50	259.40	51.45	0.000
94	-44.89	4.69		+	+	+		0.03			6	-123.51	259.40	51.49	0.000
205	-15.78			+	+			0.03	+		6	-123.62	259.60	51.70	0.000
85	-2.45			+		+		0.03			4	-126.03	260.20	52.32	0.000
69	-2.94			+				0.03			3	-127.10	260.30	52.40	0.000
95	-2.30		-0.25	+	+	+		0.03			6	-124.04	260.40	52.53	0.000
333	-2.10			+	+			0.03		+	6	-124.08	260.50	52.61	0.000
349	-2.41			+	+	+		0.03		+	6	-124.08	260.50	52.61	0.000
206	-49.13	3.67		+	+			0.03	+		7	-123.20	260.90	52.98	0.000
96	-48.54	5.11	-0.31	+	+	+		0.03			7	-123.21	260.90	53.00	0.000
207	-15.60		-0.28	+	+			0.03	+		7	-123.40	261.30	53.37	0.000
221	-15.65			+	+	+		0.03	+		7	-123.44	261.40	53.45	0.000
334	-51.00	5.40		+	+			0.03		+	7	-123.49	261.50	53.55	0.000
350	-51.32	5.40		+	+	+		0.03		+	7	-123.49	261.50	53.55	0.000
71	-2.78		-0.30	+				0.03			4	-126.82	261.80	53.90	0.000
87	-2.32		-0.27	+		+		0.03			5	-125.82	261.90	54.00	0.000
325	-2.81			+				0.03		+	5	-125.87	262.00	54.09	0.000
341	-2.44			+		+		0.03		+	5	-125.87	262.00	54.09	0.000
335	-1.94		-0.28	+	+			0.03		+	7	-123.85	262.20	54.28	0.000
351	-2.27		-0.28	+	+	+		0.03		+	7	-123.85	262.20	54.28	0.000
86	-9.22	0.75		+		+		0.03			5	-126.01	262.30	54.37	0.000
70	-0.39	-0.28		+				0.03			4	-127.10	262.40	54.46	0.000
208	-51.92	4.00	-0.32	+	+			0.03	+		8	-122.90	262.40	54.52	0.000
222	-53.14	4.13		+	+	+		0.03	+		8	-122.91	262.40	54.54	0.000

14	-48.38	5.37		+	+					4	-127.19	262.50	54.65	0.000
13	0.37			+	+					3	-128.23	262.60	54.66	0.000
223	-15.46		-0.29	+	+	+	0.03	+		8	-123.19	263.00	55.09	0.000
336	-54.07	5.76	-0.31	+	+		0.03		+	8	-123.19	263.00	55.10	0.000
352	-54.42	5.76	-0.31	+	+	+	0.03		+	8	-123.19	263.00	55.10	0.000
16	-50.51	5.61	-0.52	+	+					5	-126.46	263.20	55.28	0.000
15	0.40		-0.49	+	+					4	-127.58	263.30	55.42	0.000
213	-16.45			+		+	0.03	+		6	-125.54	263.40	55.53	0.000
461	-15.32			+	+		0.03	+	+	8	-123.41	263.40	55.54	0.000
477	-15.65			+	+	+	0.03	+	+	8	-123.41	263.40	55.54	0.000
327	-2.64		-0.29	+			0.03		+	6	-125.62	263.60	55.70	0.000
343	-2.30		-0.29	+		+	0.03		+	6	-125.62	263.60	55.70	0.000
197	-16.69			+			0.03	+		5	-126.71	263.70	55.77	0.000
72	-3.30	0.06	-0.30	+			0.03			5	-126.82	263.90	55.98	0.000
224	-56.80	4.56	-0.34	+	+	+	0.03	+		9	-122.56	263.90	55.99	0.000
88	-11.51	1.02	-0.28	+		+	0.03			6	-125.78	263.90	56.02	0.000
326	1.12	-0.43		+			0.03		+	6	-125.86	264.10	56.18	0.000
342	1.47	-0.43		+		+	0.03		+	6	-125.86	264.10	56.18	0.000
141	-13.21			+	+				+	5	-127.05	264.40	56.46	0.000
462	-65.19	5.50		+	+		0.03	+	+	9	-122.81	264.40	56.49	0.000
478	-65.53	5.50		+	+	+	0.03	+	+	9	-122.81	264.40	56.49	0.000
30	-50.88	5.64		+	+	+				5	-127.14	264.50	56.63	0.000
142	-59.95	5.12		+	+				+	6	-126.13	264.60	56.72	0.000
29	0.37			+	+	+				4	-128.23	264.60	56.72	0.000
479	-15.45		-0.30	+	+	+	0.03	+	+	9	-123.14	265.10	57.17	0.000
463	-15.09		-0.30	+	+		0.03	+	+	9	-123.14	265.10	57.17	0.000
143	-12.98		-0.51	+	+				+	6	-126.36	265.10	57.17	0.000
215	-16.26		-0.28	+		+	0.03	+		7	-125.31	265.10	57.20	0.000
32	-53.99	5.99	-0.53	+	+	+				6	-126.38	265.10	57.21	0.000

199	-16.48		-0.32	+			0.03	+		6	-126.39	265.10	57.24	0.000
21	0.12			+		+				3	-129.58	265.30	57.36	0.000
144	-61.05	5.27	-0.52	+	+			+		7	-125.40	265.30	57.37	0.000
453	-16.84		0.03	+				+	+	7	-125.44	265.40	57.47	0.000
469	-16.44			+		+	0.03	+	+	7	-125.44	265.40	57.47	0.000
31	0.40		-0.49	+	+	+				5	-127.58	265.40	57.51	0.000
214	-21.65	0.57		+		+	0.03	+		7	-125.53	265.50	57.63	0.000
328	-0.48	-0.24	-0.29	+			0.03		+	7	-125.62	265.70	57.81	0.000
344	-0.15	-0.24	-0.29	+		+	0.03		+	7	-125.62	265.70	57.81	0.000
198	-10.99	-0.62		+			0.03	+		6	-126.69	265.70	57.84	0.000
480	-68.89	5.89	-0.34	+	+	+	0.03	+	+	10	-122.46	265.90	57.97	0.000
464	-68.51	5.89	-0.34	+	+		0.03	+	+	10	-122.46	265.90	57.97	0.000
23	0.16		-0.49	+		+				4	-128.93	266.00	58.13	0.000
270	-62.60	6.95		+	+				+	6	-127.04	266.40	58.53	0.000
286	-62.70	6.95		+	+	+			+	6	-127.04	266.40	58.53	0.000
157	-13.21			+	+	+		+		6	-127.05	266.50	58.56	0.000
269	0.41			+	+				+	5	-128.11	266.50	58.57	0.000
285	0.37			+	+	+			+	5	-128.11	266.50	58.57	0.000
158	-61.83	5.34		+	+	+		+		7	-126.08	266.70	58.75	0.000
5	-0.23			+						2	-131.46	267.00	59.07	0.000
455	-16.62		-0.29	+			0.03	+	+	8	-125.19	267.00	59.09	0.000
471	-16.25		-0.29	+		+	0.03	+	+	8	-125.19	267.00	59.09	0.000
22	-16.66	1.84		+		+				4	-129.44	267.00	59.14	0.000
261	-0.39			+					+	4	-129.45	267.10	59.18	0.000
277	0.12			+		+			+	4	-129.45	267.10	59.18	0.000
288	-63.50	7.04	-0.52	+	+	+			+	7	-126.31	267.10	59.20	0.000
272	-63.34	7.04	-0.52	+	+				+	7	-126.31	267.10	59.20	0.000
271	0.50		-0.52	+	+				+	6	-127.39	267.10	59.24	0.000
287	0.40		-0.52	+	+	+			+	6	-127.39	267.10	59.24	0.000

159	-12.93		-0.52	+	+	+		+	7	-126.35	267.20	59.27	0.000	
216	-23.56	0.80	-0.29	+		+	0.03	+	8	-125.29	267.20	59.29	0.000	
160	-64.07	5.62	-0.54	+	+	+		+	8	-125.29	267.20	59.31	0.000	
200	-13.66	-0.31	-0.32	+			0.03	+	7	-126.39	267.30	59.35	0.000	
7	-0.17		-0.55	+					3	-130.60	267.30	59.40	0.000	
149	-13.98			+		+		+	5	-128.55	267.40	59.45	0.000	
454	-14.11	-0.30		+			0.03	+	+	8	-125.44	267.50	59.60	0.000
470	-13.71	-0.30		+		+	0.03	+	+	8	-125.44	267.50	59.60	0.000
263	-0.30		-0.52	+					+	5	-128.73	267.70	59.82	0.000
279	0.16		-0.52	+		+			+	5	-128.73	267.70	59.82	0.000
24	-18.37	2.04	-0.50	+		+			5	-128.76	267.80	59.87	0.000	
151	-13.76		-0.47	+		+		+	6	-127.94	268.20	60.34	0.000	
398	-79.19	7.26		+	+			+	+	8	-125.84	268.30	60.40	0.000
414	-79.27	7.26		+	+	+		+	+	8	-125.84	268.30	60.40	0.000
397	-13.18			+	+			+	+	7	-127.03	268.50	60.64	0.000
413	-13.21			+	+	+			+	7	-127.03	268.50	60.64	0.000
6	-7.72	0.82		+					3	-131.43	269.00	61.06	0.000	
400	-79.51	7.33	-0.52	+	+			+	+	9	-125.11	269.00	61.09	0.000
416	-79.67	7.33	-0.52	+	+	+		+	+	9	-125.11	269.00	61.09	0.000
262	-12.26	1.30		+					+	5	-129.40	269.10	61.15	0.000
278	-11.70	1.30		+		+			+	5	-129.40	269.10	61.15	0.000
456	-15.37	-0.14	-0.29	+			0.03		+	9	-125.19	269.20	61.25	0.000
472	-14.99	-0.14	-0.29	+		+	0.03		+	9	-125.19	269.20	61.25	0.000
150	-31.71	1.94		+		+		+	6	-128.40	269.20	61.25	0.000	
399	-12.82		-0.53	+	+			+	+	8	-126.29	269.20	61.31	0.000
415	-12.93		-0.53	+	+	+		+	+	8	-126.29	269.20	61.31	0.000
8	-10.17	1.10	-0.56	+					4	-130.54	269.30	61.36	0.000	
389	-14.53			+				+	+	6	-128.48	269.30	61.42	0.000
405	-13.97			+		+		+	+	6	-128.48	269.30	61.42	0.000

133	-14.10			+			+	4	-130.60	269.40	61.46	0.000
264	-11.82	1.26	-0.52	+				6	-128.68	269.70	61.82	0.000
280	-11.32	1.26	-0.52	+		+		6	-128.68	269.70	61.82	0.000
135	-13.84		-0.55	+			+	5	-129.74	269.70	61.83	0.000
152	-31.95	1.99	-0.47	+		+	+	7	-127.78	270.00	62.15	0.000
391	-14.25		-0.49	+			+	7	-127.83	270.10	62.25	0.000
407	-13.74		-0.49	+		+	+	7	-127.83	270.10	62.25	0.000
390	-30.34	1.72		+			+	7	-128.39	271.30	63.36	0.000
406	-29.72	1.72		+		+	+	7	-128.39	271.30	63.36	0.000
134	-20.78	0.73		+			+	5	-130.57	271.40	63.50	0.000
136	-21.90	0.88	-0.55	+			+	6	-129.70	271.80	63.87	0.000
392	-28.57	1.56	-0.48	+			+	8	-127.76	272.10	64.24	0.000
408	-28.01	1.56	-0.48	+		+	+	8	-127.76	272.10	64.24	0.000
91	-2.83		-0.71		+	+		5	-136.20	282.70	74.76	0.000
75	-2.78		-0.74		+			4	-137.49	283.10	75.25	0.000
89	-3.10				+	+		4	-138.13	284.40	76.54	0.000
92	0.09	-0.32	-0.70		+	+		6	-136.20	284.80	76.86	0.000
331	-2.16		-0.71		+			6	-136.20	284.80	76.86	0.000
347	-2.83		-0.71		+	+		6	-136.20	284.80	76.86	0.000
76	14.61	-1.93	-0.70		+			5	-137.34	284.90	77.03	0.000
73	-3.09				+			3	-139.44	285.00	77.08	0.000
203	-17.86		-0.67		+		+	6	-136.33	285.00	77.12	0.000
219	-17.46		-0.68		+	+	+	7	-135.45	285.40	77.48	0.000
74	28.25	-3.47			+			4	-138.91	286.00	78.09	0.000
90	15.80	-2.09			+	+		5	-137.95	286.20	78.25	0.000
201	-18.31				+		+	5	-138.02	286.30	78.38	0.000
329	-2.47				+			5	-138.12	286.50	78.59	0.000
345	-3.11				+	+		5	-138.12	286.50	78.59	0.000
217	-17.94				+	+	+	6	-137.25	286.90	78.96	0.000

348	2.92	-0.64	-0.70		+	+		0.04		+	7	-136.19	286.90	78.97	0.000
332	3.59	-0.64	-0.70		+			0.04		+	7	-136.19	286.90	78.97	0.000
68	42.74	-5.10	-0.69					0.04			4	-139.40	287.00	79.07	0.000
204	-7.84	-1.10	-0.65		+			0.03	+		7	-136.29	287.10	79.15	0.000
220	-16.36	-0.12	-0.68		+	+		0.03	+		8	-135.45	287.50	79.62	0.000
459	-16.88		-0.68		+			0.03	+	+	8	-135.45	287.50	79.62	0.000
475	-17.46		-0.68		+	+		0.03	+	+	8	-135.45	287.50	79.62	0.000
67	-3.50		-0.82					0.04			3	-140.78	287.70	79.75	0.000
66	55.27	-6.52						0.04			3	-140.88	287.90	79.96	0.000
202	4.07	-2.46			+			0.04	+		6	-137.78	287.90	80.02	0.000
330	21.57	-2.66			+			0.04		+	6	-137.92	288.20	80.30	0.000
346	20.95	-2.66			+	+		0.04		+	6	-137.92	288.20	80.30	0.000
195	-18.70		-0.71					0.03	+		5	-139.21	288.70	80.78	0.000
218	-2.32	-1.72			+	+		0.04	+		7	-137.14	288.80	80.85	0.000
84	41.91	-5.00	-0.69			+		0.04			5	-139.31	288.90	80.97	0.000
457	-17.42				+			0.04	+	+	7	-137.24	289.00	81.06	0.000
473	-17.94				+	+		0.04	+	+	7	-137.24	289.00	81.06	0.000
196	19.44	-4.17	-0.64					0.04	+		6	-138.42	289.20	81.30	0.000
83	-3.39		-0.82			+		0.04			4	-140.62	289.40	81.50	0.000
460	-15.77	-0.12	-0.68		+			0.03	+	+	9	-135.45	289.70	81.78	0.000
476	-16.35	-0.12	-0.68		+	+		0.03	+	+	9	-135.45	289.70	81.78	0.000
82	54.24	-6.40				+		0.04			4	-140.77	289.70	81.80	0.000
194	30.31	-5.42						0.04	+		5	-139.82	289.90	82.00	0.000
340	56.70	-6.63	-0.67			+		0.04		+	6	-138.85	290.10	82.15	0.000
324	56.76	-6.63	-0.67					0.04		+	6	-138.85	290.10	82.15	0.000
211	-18.66		-0.70			+		0.03	+		6	-138.89	290.10	82.24	0.000
193	-19.22							0.04	+		4	-141.21	290.60	82.69	0.000
65	-3.89							0.04			2	-143.31	290.70	82.77	0.000
322	69.63	-8.08						0.04		+	5	-140.26	290.80	82.86	0.000

338	69.57	-8.08			+		0.04		+	5	-140.26	290.80	82.86	0.000		
458	0.88	-2.02				+	0.04		+	+	8	-137.13	290.90	82.98	0.000	
474	0.37	-2.02			+	+	0.04		+	+	8	-137.13	290.90	82.98	0.000	
212	16.95	-3.90	-0.64			+	0.04		+		7	-138.22	290.90	83.02	0.000	
323	-3.54		-0.83				0.04			+	5	-140.62	291.50	83.58	0.000	
339	-3.39		-0.83			+	0.04			+	5	-140.62	291.50	83.58	0.000	
210	27.26	-5.08				+	0.04		+		6	-139.58	291.50	83.62	0.000	
139	-15.19		-0.86			+				+	5	-140.65	291.50	83.65	0.000	
27	0.12		-1.00			+			+		4	-141.70	291.60	83.66	0.000	
209	-18.16					+	0.04		+		5	-140.76	291.80	83.87	0.000	
451	-18.84		-0.70				0.03		+	+	7	-138.86	292.20	84.29	0.000	
467	-18.65		-0.70			+	0.03		+	+	7	-138.86	292.20	84.29	0.000	
155	-14.77		-0.88			+				+	6	-139.94	292.20	84.33	0.000	
81	-3.77					+	0.04				3	-143.08	292.30	84.35	0.000	
452	29.79	-5.30	-0.62				0.04		+	+	8	-137.84	292.30	84.40	0.000	
468	29.81	-5.30	-0.62			+	0.04		+	+	8	-137.84	292.30	84.40	0.000	
11	0.13		-1.08			+					3	-143.25	292.60	84.69	0.000	
466	40.62	-6.53				+	0.04		+	+	7	-139.16	292.80	84.89	0.000	
450	40.60	-6.53					0.04		+	+	7	-139.16	292.80	84.89	0.000	
28	-13.19	1.47	-1.02			+					5	-141.60	293.50	85.56	0.000	
140	-22.86	0.84	-0.87			+				+	6	-140.62	293.60	85.69	0.000	
267	0.84		-1.00			+					+	5	-141.70	293.60	85.74	0.000
283	0.12		-1.00			+					+	5	-141.70	293.60	85.74	0.000
449	-18.41						0.03		+	+	6	-140.75	293.90	85.96	0.000	
465	-18.15					+	0.03		+	+	6	-140.75	293.90	85.96	0.000	
137	-15.65					+				+	4	-142.92	294.00	86.10	0.000	
156	-32.49	1.94	-0.89			+				+	7	-139.78	294.00	86.13	0.000	
321	-4.00						0.04			+	4	-143.06	294.30	86.39	0.000	
337	-3.77					+	0.04			+	4	-143.06	294.30	86.39	0.000	

395	-14.26		-0.88	+				+	+	7	-139.94	294.40	86.45	0.000
411	-14.77		-0.88	+	+			+	+	7	-139.94	294.40	86.45	0.000
12	6.12	-0.66	-1.07	+						4	-143.23	294.60	86.72	0.000
153	-15.28			+	+			+		5	-142.33	294.90	87.02	0.000
284	-17.17	1.90	-1.02	+	+				+	6	-141.58	295.50	87.63	0.000
268	-16.42	1.90	-1.02	+					+	6	-141.58	295.50	87.63	0.000
25	0.03			+	+					3	-144.72	295.50	87.63	0.000
396	-38.82	2.70	-0.89	+				+	+	8	-139.72	296.10	88.16	0.000
412	-39.36	2.70	-0.89	+	+			+	+	8	-139.72	296.10	88.16	0.000
138	-15.02	-0.07		+				+		5	-142.92	296.10	88.19	0.000
131	-16.03		-0.91					+		4	-144.33	296.80	88.92	0.000
154	-22.41	0.78		+	+			+		6	-142.30	297.00	89.07	0.000
393	-14.83			+				+	+	6	-142.33	297.00	89.11	0.000
409	-15.27			+	+			+	+	6	-142.33	297.00	89.11	0.000
9	0.03			+						2	-146.59	297.20	89.32	0.000
265	0.78			+					+	4	-144.71	297.60	89.68	0.000
281	0.03			+	+				+	4	-144.71	297.60	89.68	0.000
26	0.18	-0.02		+	+					4	-144.72	297.60	89.70	0.000
147	-16.04		-0.89					+		5	-143.71	297.70	89.77	0.000
132	7.31	-2.54	-0.89					+		5	-143.98	298.20	90.31	0.000
10	19.42	-2.13		+						3	-146.36	298.80	90.91	0.000
394	-27.55	1.40		+				+	+	7	-142.26	299.00	91.10	0.000
410	-28.01	1.40		+	+			+	+	7	-142.26	299.00	91.10	0.000
148	5.08	-2.30	-0.88					+		6	-143.43	299.20	91.32	0.000
4	38.12	-4.24	-1.10							3	-146.61	299.30	91.42	0.000
3	-0.53		-1.19							2	-147.69	299.40	91.53	0.000
266	-2.29	0.34		+					+	5	-144.70	299.70	91.76	0.000
282	-3.04	0.34		+	+				+	5	-144.70	299.70	91.76	0.000
387	-16.32		-0.89					+	+	6	-143.68	299.70	91.81	0.000

403	-16.04		-0.89		+			+	+	6	-143.68	299.70	91.81	0.000
129	-16.57							+		3	-147.03	300.20	92.26	0.000
145	-16.57				+			+		4	-146.19	300.60	92.65	0.000
130	14.54	-3.38						+		4	-146.38	300.90	93.03	0.000
20	38.37	-4.26	-1.10		+					4	-146.39	301.00	93.05	0.000
388	12.93	-3.17	-0.87					+	+	7	-143.24	301.00	93.06	0.000
404	13.12	-3.17	-0.87		+			+	+	7	-143.24	301.00	93.06	0.000
19	-0.43		-1.20		+					3	-147.47	301.00	93.14	0.000
146	11.83	-3.09			+			+		5	-145.68	301.60	93.70	0.000
276	48.51	-5.37	-1.08		+				+	5	-146.07	302.40	94.49	0.000
260	48.46	-5.37	-1.08						+	5	-146.07	302.40	94.49	0.000
385	-16.91							+	+	5	-146.19	302.60	94.72	0.000
401	-16.57				+			+	+	5	-146.19	302.60	94.72	0.000
259	-0.61		-1.20						+	4	-147.47	303.10	95.20	0.000
275	-0.43		-1.20		+				+	4	-147.47	303.10	95.20	0.000
402	19.61	-3.94			+			+	+	6	-145.49	303.30	95.43	0.000
386	19.38	-3.94						+	+	6	-145.49	303.30	95.43	0.000
2	51.47	-5.72								2	-149.92	303.90	95.99	0.000
18	52.01	-5.77			+					3	-149.69	305.50	97.57	0.000
1	-0.71									1	-152.06	306.10	98.24	0.000
258	62.01	-6.87							+	4	-149.33	306.80	98.92	0.000
274	62.07	-6.87			+				+	4	-149.33	306.80	98.92	0.000
17	-0.61				+					2	-151.83	307.70	99.81	0.000
257	-0.82								+	3	-151.82	309.70	101.84	0.000
273	-0.61				+				+	3	-151.82	309.70	101.84	0.000