community	Adelophryr	Adelophryr	Adenomera	Adenomera	Adenomera	Adenomera	Adenomera	Adenomera	Adenomera
amp1001	0	0	0	0	0	0	0	0	0
amp1002	0	0	0	0	0	0	0	0	1
amp1003	0	0	0	0	0	0	0	0	1
amp1004	0	0	0	0	0	0	0	0	1
amp1007	0	0	0	1	0	0	0	0	0
amp1008	1	0	0	1	0	0	0	0	0
amp1009	1	0	0	1	0	0	0	0	0
amp1033	0	0	0	0	0	0	0	0	0
amp1034	0	0	0	0	0	0	0	0	0
amp1035	0	0	0	0	0	0	0	0	0
amp1036	0	0	0	0	0	0	0	0	0
amp1037	0	0	0	0	0	0	0	0	0
amp1038	0	0	0	0	0	0	0	0	0
amp1039	0	0	0	0	0	0	0	0	0
amp1040	0	0	0	0	0	0	0	0	0
amp1042	0	0	0	0	0	0	0	0	0
amp1043	0	0	0	0	0	0	0	0	0
amp1046	0	0	0	0	0	0	0	0	0
amp1047	0	0	0	0	0	0	0	0	0
amp1048	0	0	0	0	0	0	0	0	0
amp1049	0	0	0	0	0	0	0	0	0
amp1050	0	0	0	0	0	0	0	0	0
amp1051	0	0	0	0	0	0	0	0	0
amp1052	0	0	0	0	0	0	0	0	0
amp1053	0	0	0	0	0	0	0	0	0
amp1057	0	0	0	0	0	0	0	0	0
amp1060	0	0	0	0	0	0	0	0	0
amp1061	0	0	0	0	0	0	0	0	0
amp1062	0	0	0	0	0	0	0	0	0
amp1063	0	0	0	0	0	0	0	0	0
amp1072	0	0	0	0	0	0	0	0	0
amp1073	0	0	0	0	0	0	0	0	0
amp1074	0	0	0	0	0	0	0	0	1
amp1075	0	0	0	0	0	0	0	0	0
amp1077	0	0	0	0	0	0	0	0	1
amp1078	0	0	0	0	0	0	0	0	0
amp1079	0	0	0	0	0	0	0	0	0
amp1080	0	0	0	0	0	0	0	0	0
amp1081	0	0	0	0	0	0	0	0	0
amp1082	0	0	0	0	0	0	0	0	1
amp1083	0	0	0	0	0	0	0	0	1
amp1084	0	0	0	0	0	0	0	0	0
amp1085	0	0	0	0	0	0	0	0	0
amp1086	0	0	0	0	0	0	0	0	0
amp1087	0	0	0	0	0	0	0	0	0
amp1088	0	0	0	0	0	0	0	0	0
amp1091	0	0	0	0	0	0	0	0	0
amp1092	0	0	0	0	0	0	0	0	0
amp1093	0	0	0	0	0	0	0	0	1

amp1094	0	0	0	0	0	0	0	0	0
amp1095	0	0	0	0	0	0	0	0	0
amp1096	0	0	0	0	0	0	0	0	0
amp1098	0	0	0	0	0	0	0	0	0
amp1101	0	0	0	0	0	0	0	0	0
amp1102	0	0	0	0	0	0	0	0	0
amp1104	0	0	0	0	0	0	0	0	0
amp1106	0	0	0	0	0	0	0	0	0
amp1107	0	0	0	0	0	0	0	0	0
amp1108	0	0	0	0	0	0	0	0	0
amp1109	0	0	0	0	0	0	0	0	0
amp1113	0	0	0	0	0	0	0	0	0
amp1114	0	0	0	0	0	0	0	0	0
amp1115	0	0	0	0	0	0	0	0	0
amp1116	0	0	0	0	0	0	0	0	0
amp1119	0	0	0	0	0	0	0	0	0
amp1121	0	0	0	0	0	0	0	0	0
amp1124	0	0	0	0	0	0	0	0	0
amp1125	0	0	0	0	0	0	0	0	0
amp1126	0	0	0	0	0	0	0	0	0
amp1127	0	0	0	0	0	0	0	0	0
amp1150	0	0	0	0	0	0	0	0	0
amp1151	0	1	0	0	0	0	0	0	0
amp1152	0	0	0	0	0	0	0	0	0
amp1153	0	1	0	0	0	0	0	0	0
amp1154	0	1	0	0	0	0	0	0	0
amp1155	0	1	0	0	0	0	0	0	0
amp1156	0	1	0	0	0	0	0	0	0
amp1157	0	1	0	0	0	0	0	0	0
amp1158	0	0	0	0	0	0	0	0	0
amp1159	0	0	0	0	0	0	0	0	0
amp1160	0	0	0	0	0	0	0	0	0
amp1161	0	0	0	0	0	0	0	0	0
amp1162	0	0	0	0	0	0	0	0	0
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amp1190	0	0	0	0	0	0	0	0	0
amp1191	0	0	0	0	0	0	0	0	0
amp1192	0	0	0	0	0	0	0	0	1
amp1193	0	0	0	0	0	0	0	0	1
amp1195	0	0	0	0	0	0	0	0	0
amp1196	0	0	0	0	0	0	0	0	0
amp1197	0	0	0	0	0	0	0	0	0
amp1198	0	0	0	0	0	0	0	0	0
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amp1217	0	0	0	0	0	0	0	0	0
amp1218	0	0	0	0	0	0	0	0	0
amp1219	0	0	0	0	0	0	0	0	0

amp1223	0	0	0	0	0	0	0	0	0
amp1224	0	1	0	0	0	0	0	0	0
amp1225	0	0	0	0	0	0	0	0	0
amp1226	0	0	0	0	0	0	0	0	0
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amp1233	0	0	0	0	0	1	0	0	0
amp1234	0	0	0	0	0	0	0	0	0
amp1235	0	0	0	0	0	0	0	0	0
amp1236	0	0	0	0	0	0	0	0	0
amp1238	0	0	0	0	0	0	0	0	0
amp1239	0	0	0	0	0	0	0	0	0
amp1240	0	0	0	0	0	0	0	0	0
amp1241	0	0	0	0	0	0	0	0	0
amp1242	0	0	0	0	0	0	0	0	0
amp1243	0	0	0	0	0	0	0	0	0
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amp1255	0	0	0	0	0	0	0	0	0
amp1256	0	0	0	0	0	0	0	0	0
amp1257	0	0	0	0	0	0	0	0	0
amp1258	0	0	0	0	0	0	0	0	0
amp1259	0	0	0	0	0	0	0	0	0
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amp1274	0	0	0	0	0	0	0	0	0
amp1275	0	0	0	0	0	0	0	0	0
amp1276	0	0	0	0	0	0	0	0	0

amp1277	0	0	0	0	0	0	0	0	0
amp1278	0	0	0	0	0	0	0	0	0
amp1279	0	0	0	0	0	0	0	0	0
amp1280	0	0	0	0	0	0	0	0	0
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amp1297	0	0	0	0	0	0	0	0	0
amp1298	0	0	0	0	0	0	0	0	0
amp1299	0	0	0	0	0	0	0	0	0
amp1300	0	0	0	0	0	0	0	0	0
amp1301	0	0	0	0	0	0	0	0	0
amp1304	0	0	0	0	0	0	0	0	0
amp1305	0	0	0	0	0	0	0	0	0
amp1306	0	0	0	0	0	0	0	0	0
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amp1330	0	0	0	0	0	0	0	0	0
amp1335	0	0	0	0	0	0	0	0	0
amp1336	0	0	0	0	0	0	0	0	0
amp1337	0	0	0	0	0	0	0	0	0
amp1338	0	0	0	0	0	0	0	0	0
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amp1356	0	0	0	0	0	0	0	0	0
amp1357	0	0	0	0	0	0	0	0	0
amp1359	0	0	0	0	0	0	0	0	0

amp1365	0	0	0	0	0	0	0	0	0
amp1366	0	0	0	0	0	0	0	0	0
amp1367	0	0	0	0	0	0	0	0	0
amp1369	0	0	0	0	0	0	0	0	0
amp1370	0	0	0	0	0	0	0	0	0
amp1373	0	0	0	0	0	0	0	0	0
amp1375	0	0	0	0	0	0	0	0	0
amp1377	0	0	0	0	0	0	0	0	0
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amp1379	0	0	0	0	0	0	0	0	0
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amp1381	0	0	0	0	0	0	0	0	0
amp1382	0	0	0	0	0	0	0	0	0
amp1383	0	0	0	0	0	0	0	0	0
amp1384	0	0	0	0	0	0	0	0	0
amp1393	0	0	0	0	0	0	0	0	0
amp1397	0	0	0	0	0	0	0	0	0
amp1398	0	0	0	0	0	0	0	0	0
amp1399	0	0	0	0	0	0	0	0	0
amp1400	0	0	0	0	0	0	0	0	0
amp1403	0	0	0	0	0	0	0	0	0
amp1404	0	0	0	0	0	0	0	0	0
amp1406	0	0	0	0	0	0	0	0	0
amp1410	0	0	0	0	0	0	0	0	0
amp1412	0	0	0	0	0	0	0	0	0
amp1413	0	0	0	0	0	0	0	0	0
amp1414	0	0	0	0	0	0	0	0	0
amp1415	0	0	0	0	0	0	0	0	0
amp1416	0	0	0	0	0	0	0	0	0
amp1417	0	0	0	0	0	0	0	0	0
amp1418	0	0	0	0	0	0	0	0	0
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amp1422	0	0	0	0	0	0	0	0	0
amp1423	0	0	0	0	0	0	0	0	0
amp1424	0	0	0	0	0	0	0	0	0
amp1425	0	0	0	0	0	0	0	0	0
amp1426	0	0	0	0	0	0	0	0	0
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amp1429	0	0	0	0	0	0	0	0	0
amp1430	0	0	0	0	0	0	0	0	0
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amp1435	0	0	0	0	0	0	0	0	0
amp1436	0	0	0	0	0	0	0	0	0
amp1439	0	0	0	0	0	0	0	0	0

amp1440	0	0	0	0	0	0	0	0	0
amp1441	0	0	0	0	0	0	0	0	0
amp1442	0	0	0	0	0	0	0	0	0
amp1443	0	0	0	0	0	0	0	0	0
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amp1467	0	0	0	0	0	0	0	0	0
amp1468	0	0	0	0	0	0	0	0	0
amp1469	0	0	0	0	0	0	0	0	0
amp1470	0	0	0	0	0	0	0	0	0
amp1471	0	0	0	0	0	0	0	0	0
amp1472	0	0	0	0	0	0	0	0	0
amp1473	0	0	0	0	0	0	0	0	0
amp1474	0	0	0	0	0	0	0	0	0
amp1475	0	0	0	0	0	0	0	0	0
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amp1489	0	0	0	0	0	0	0	0	0
amp1490	0	0	0	0	0	0	0	0	0
amp1491	0	0	0	0	0	0	0	0	0

amp1492	0	0	0	0	0	0	0	0	0
amp1493	0	0	0	0	0	0	0	0	0
amp1494	0	0	0	0	0	0	0	0	0
amp1495	0	0	0	0	0	0	0	0	0
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amp1500	0	0	0	0	0	0	0	0	0
amp1501	0	0	0	0	0	0	0	0	0
amp1502	0	0	0	0	0	0	0	0	0
amp1503	0	0	0	0	0	0	0	0	0
amp1504	0	0	0	0	0	0	0	0	0
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amp1546	0	0	0	0	0	0	0	0	0
amp1547	0	0	0	0	0	0	0	0	0
amp1548	0	0	0	0	0	0	0	0	0

amp1549	0	0	0	0	0	0	0	0	0
amp1550	0	0	0	0	0	0	0	0	0
amp1551	0	0	0	0	0	0	0	0	0
amp1552	0	0	0	0	0	0	0	0	0
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amp1576	0	0	0	0	0	1	0	0	0
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amp2072	0	0	0	0	0	0	0	0	0
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amp2100	0	0	0	0	0	0	0	0	0
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amp2162	0	0	0	0	0	0	0	0	0
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Adenomera	Adenomera	Adenomera	Allobates_g	Allobates_c	Ameerega_	Nyctimanti	Nyctimanti	Aplastodisc	Aplastodisc
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Rhinella_p	Rhinella_ru	Rhinella_sc	Rhinella_sc	Rupirana_c	Scinax_agil	Scinax_albi	Scinax_alte	Scinax_ang	Scinax_ard
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Scinax_con	Scinax_cos	Scinax_cret	Scinax_cros	Scinax_curi	Scinax_cus	Scinax_dua	Scinax_eur	Scinax_flav	Scinax_fusc
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Scinax_lon	Scinax_luiz	Scinax_mel	Scinax_nas	Scinax_neb	Scinax_obt	Scinax_pac	Scinax_per	Scinax_per	Scinax_ran
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Scinax_rizil	Scinax_rog	Scinax_rub	Scinax_sim	Scinax_squ	Scinax_stri	Scinax_trap	Scinax_trip	Scinax_tym	Scinax_uru
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Scinax_v-si	Scinax_x-si	Scythrophr	Sphaenorh	Sphaenorh	Sphaenorh	Sphaenorh	Sphaenorh	Stereocyclo	Stereocyclo
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1	0	0	0	0
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0	0	0	0	0

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0	0	0	0	0
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0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

S1 File – Model selection used for temperature and precipitation variable selection.

Model selection: Temperature variables

Components	GL	logLik	AICc	delta	weight
1,2,4,6,7	7	-1006.10	2026.35	0	0.15
1,2,4,6,7,9	8	-1005.42	2027.04	0.69	0.11
2,3,4,5,6,7	8	-1005.46	2027.11	0.77	0.10
1,2,4,6,7,8	8	-1005.50	2027.20	0.85	0.10
1,2,3,4,6,7	8	-1005.61	2027.40	1.06	0.09
1,2,4,5,6,7	8	-1005.62	2027.43	1.08	0.09
2,3,4,6,7	7	-1006.64	2027.43	1.08	0.09
2,3,4,6,7,8	8	-1005.78	2027.76	1.41	0.08
1,2,3,4,6,7,8	9	-1004.93	2028.10	1.75	0.06
1,2,3,4,5,6,7	9	-1004.93	2028.11	1.76	0.06
1,2,3,4,6,7,9	9	-1004.94	2028.13	1.78	0.06

Term codes

BIO1	BIO10	BIO11	BIO2	BIO3	BIO4	BIO7	BIO8	BIO9
1	2	3	4	5	6	7	8	9

Model-averaged coefficients
(full average)

	Estimate	S.E	Adj. Error	z value	Pr(>|z|)
Intercept	1.76E-15	3.26E-02	3.26E-02	0.000	1.000
BIO1	**-1.05E+00**	**8.87E-01**	**8.87E-01**	**1.181**	**0.237**
BIO10	**1.76E+00**	**8.95E-01**	**8.96E-01**	**1.968**	**0.049**
BIO2	**-1.07E+00**	**3.38E-01**	**3.38E-01**	**3.167**	**0.001**
BIO4	**-2.04E+00**	**7.17E-01**	**7.17E-01**	**2.841**	**0.004**
BIO7	**1.30E+00**	**3.97E-01**	**3.97E-01**	**3.282**	**0.001**
BIO9	2.20E-02	6.69E-02	6.69E-02	0.329	0.742
BIO11	-1.47E+00	1.86E+00	1.86E+00	0.791	0.429
BIO3	6.79E-02	1.60E-01	1.60E-01	0.424	0.671
BIO8	-1.72E-02	4.31E-02	4.31E-02	0.400	0.689

(conditional average)

	Estimate	S.E	Adj. Error	z value	Pr(>|z|)
Intercept	1.77E-15	3.26E-02	3.26E-02	0	1
BIO1	**-1.43E+00**	**7.24E-01**	**7.25E-01**	**1.978**	**0.047**
BIO10	**1.76E+00**	**8.95E-01**	**8.96E-01**	**1.968**	**0.049**
BIO2	**-1.07E+00**	**3.38E-01**	**3.38E-01**	**3.167**	**0.001**
BIO4	**-2.04E+00**	**7.17E-01**	**7.17E-01**	**2.841**	**0.004**
BIO7	**1.30E+00**	**3.97E-01**	**3.97E-01**	**3.282**	**0.001**
BIO9	1.28E-01	1.11E-01	1.12E-01	1.150	0.250
BIO11	-2.68E+00	1.75E+00	1.75E+00	1.529	0.126
BIO3	2.64E-01	2.18E-01	2.18E-01	1.209	0.226
BIO8	-7.21E-02	6.17E-02	6.18E-02	1.167	0.243

Model selection: Precipitation variables

Components	GL	logLik	AICc	delta	weight
1,2,3,4,6,7,8	9	-1028.07	2074.37	0	0.30
1,2,3,4,6,7	8	-1029.11	2074.42	0.05	0.30
2,3,4,6,7	7	-1030.29	2074.72	0.35	0.25
2,3,4,5,6,7	8	-1029.82	2075.83	1.46	0.15

Term codes

BIO12	BIO13	BIO14	BIO15	BIO16	BIO17	BIO18	BIO19
1	2	3	4	5	6	7	8

Model-averaged coefficients

(full average)

	Estimate	S.E	Adj. Error	z value	Pr(>|z|)
Intercept	-1.46E-15	3.36E-02	3.37E-02	0	1
BIO12	**1.79E-01**	**2.01E-01**	**2.06E-01**	**0.891**	**0.372**
BIO13	**4.38E-01**	**1.79E-01**	**1.79E-01**	**2.440**	**0.014**
BIO14	**1.37E+00**	**3.16E-01**	**3.17E-01**	**4.326**	**1.52E-05**
BIO15	**-9.59E-01**	**2.09E-01**	**2.09E-01**	**4.575**	**4.80E-06**
BIO17	**-2.26E+00**	**3.43E-01**	**3.43E-01**	**6.570**	**<2E-16**
BIO18	**-1.88E-01**	**7.44E-02**	**7.45E-02**	**2.533**	**0.011**
BIO19	**-1.10E-01**	**7.65E-02**	**7.66E-02**	**1.438**	**0.150**
BIO16	2.28E-01	2.37E-01	2.37E-01	0.960	0.337

(conditional average)

	Estimate	S.E	Adj. Error	z value	Pr(>|z|)
Intercept	-1.46E-15	3.36E-02	3.37E-02	0	1
BIO12	**2.99E-01**	**1.78E-01**	**1.78E-01**	**1.682**	**0.092**
BIO13	**4.38E-01**	**1.76E-01**	**1.80E-01**	**2.440**	**0.014**
BIO14	**1.37E+00**	**3.16E-01**	**3.17E-01**	**4.326**	**1.52E-05**
BIO15	**-9.59E-01**	**2.09E-01**	**2.09E-01**	**4.575**	**4.80E-06**
BIO17	**-2.25E+00**	**3.43E-01**	**3.43E-01**	**6.570**	**<2E.16**
BIO18	**-1.88E-01**	**7.44E-02**	**7.45E-02**	**2.533**	**0.011**
BIO19	**-1.10E-01**	**7.65E-02**	**7.66E-02**	**1.438**	**0.150**
BIO16	2.28E-01	2.37E-01	2.37E-01	0.960	0.337

Species	Terrestrial	Direct deve	Habitat aq	Habitat ter	Habitatsen	S1
Adelophryne_baturitensis	1	1	0	1	0	0
Adelophryne_pachydactyla	1	1	0	1	0	0
Adenomera_ajurauna	1	0	0	1	0	0
Adenomera_andreae	1	0	0	1	0	0
Adenomera_araucaria	1	0	0	1	0	0
Adenomera_bokermanni	1	0	0	1	0	0
Adenomera_diptyx	1	0	0	1	0	0
Adenomera_engelsi	1	0	0	1	0	0
Adenomera_hylaedactyla	1	0	0	1	0	0
Adenomera_marmorata	1	0	0	1	0	0
Adenomera_nana	1	0	0	1	0	0
Adenomera_thomei	1	0	0	1	0	0
Allobates_goianus	1	0	1	0	0	0
Allobates_olfersioides	1	0	1	0	0	0
Ameerega_picta	1	0	1	0	0	0
Aplastodiscus_albofrenatus	0	0	1	0	0	1
Aplastodiscus_albosignatus	0	0	1	0	0	1
Aplastodiscus_arildae	0	0	1	0	0	1
Aplastodiscus_cavicola	0	0	1	0	0	1
Aplastodiscus_cochranae	0	0	1	0	0	1
Aplastodiscus_ehrhardti	0	0	1	0	0	1
Aplastodiscus_eugenioi	0	0	1	0	0	1
Aplastodiscus_flumineus	0	0	1	0	0	1
Aplastodiscus_ibirapitanga	0	0	1	0	0	1
Aplastodiscus_leucopygius	0	0	1	0	0	1
Aplastodiscus_perviridis	0	0	1	0	0	1
Aplastodiscus_sibilatus	0	0	1	0	0	1
Aplastodiscus_weygoldti	0	0	1	0	0	1
Arcovomer_passarellii	0	0	1	0	0	1
Bahius_bilineatus	1	1	0	1	0	0
Barycholos_ternetzi	1	1	0	1	0	0
Boana_albomarginata	0	0	1	0	0	1
Boana_albopunctata	0	0	1	0	0	1
Boana_atlantica	0	0	1	0	0	1
Boana_bandeirantes	0	0	1	0	0	1
Boana_bischoffi	0	0	1	0	0	1
Boana_caingua	0	0	1	0	0	1
Boana_caipora	0	0	1	0	0	1
Boana_cambui	0	0	1	0	0	1
Boana_crepitans	0	0	1	0	0	1
Boana_curupi	0	0	1	0	0	1
Boana_ericae	0	0	1	0	0	1
Boana_exastis	0	0	1	0	0	1
Boana_faber	0	0	1	0	0	1
Boana_fasciata	0	0	1	0	0	1
Boana_freicanecae	0	0	1	0	0	1
Boana_guentheri	0	0	1	0	0	1
Boana_jaguariaivensis	0	0	1	0	0	1
Boana_joaquini	0	0	1	0	0	1

Boana_latistriata	0	0	1	0	0	1
Boana_leptolineata	0	0	1	0	0	1
Boana_lundii	0	0	1	0	0	1
Boana_marginata	0	0	1	0	0	1
Boana_multifasciata	0	0	1	0	0	1
Boana_paranaiba	0	0	1	0	0	1
Boana_pardalis	0	0	1	0	0	1
Boana_poaju	0	0	1	0	0	1
Boana_polytaenia	0	0	1	0	0	1
Boana_pombali	0	0	1	0	0	1
Boana_prasina	0	0	1	0	0	1
Boana_pulchella	0	0	1	0	0	1
Boana_punctata	0	0	1	0	0	1
Boana_raniceps	0	0	1	0	0	1
Boana_semiguttata	0	0	1	0	0	1
Boana_semilineata	0	0	1	0	0	1
Boana_stellae	0	0	1	0	0	1
Boana_stenocephala	0	0	1	0	0	1
Bokermannohyla_alvarengai	0	0	1	0	0	1
Bokermannohyla_astartea	0	0	1	0	0	1
Bokermannohyla_capra	0	0	1	0	0	1
Bokermannohyla_caramaschii	0	0	1	0	0	1
Bokermannohyla_carvalhoi	0	0	1	0	0	1
Bokermannohyla_circumdata	0	0	1	0	0	1
Bokermannohyla_hylax	0	0	1	0	0	1
Bokermannohyla_ibitipoca	0	0	1	0	0	1
Bokermannohyla_izecksohni	0	0	1	0	0	1
Bokermannohyla_luctuosa	0	0	1	0	0	1
Bokermannohyla_martinsi	0	0	1	0	0	1
Bokermannohyla_nanuzae	0	0	1	0	0	1
Bokermannohyla_oxente	0	0	1	0	0	1
Bokermannohyla_saxicola	0	0	1	0	0	1
Brachycephalus_alipioi	1	1	0	1	0	0
Brachycephalus_didactylus	1	1	0	1	0	0
Brachycephalus_ephippium	1	1	0	1	0	0
Brachycephalus_garbeana	1	1	0	1	0	0
Brachycephalus_hermogenesi	1	1	0	1	0	0
Brachycephalus_nodoterga	1	1	0	1	0	0
Brachycephalus_pitanga	1	1	0	1	0	0
Ceratophrys_aurita	0	0	1	0	0	1
Chiasmocleis_alagoana	0	0	1	0	0	1
Chiasmocleis_albopunctata	0	0	1	0	0	1
Chiasmocleis_capixaba	0	0	1	0	0	1
Chiasmocleis_crucis	0	0	1	0	0	1
Chiasmocleis_lacrimae	0	0	1	0	0	1
Chiasmocleis_leucosticta	0	0	1	0	0	0
Chiasmocleis_mantiqueira	0	0	1	0	0	1
Chiasmocleis_schubarti	0	0	1	0	0	1
Corythomantis_greeningi	0	0	1	0	0	1
Crossodactylodes_izecksohni	0	0	1	0	0	1

Crossodactylus_caramaschii	0	0	1	0	0	1
Crossodactylus_cyclospinus	0	0	1	0	0	1
Crossodactylus_dantei	0	0	1	0	0	1
Crossodactylus_dispar	0	0	1	0	0	1
Crossodactylus_gaudichaudii	0	0	1	0	0	1
Crossodactylus_schmidti	0	0	1	0	0	1
Crossodactylus_trachystomus	0	0	1	0	0	1
Cycloramphus_acangatan	1	0	0	1	0	0
Cycloramphus_asper	1	0	0	0	1	0
Cycloramphus_bolitoglossus	1	0	0	1	0	0
Cycloramphus_boraceiensis	1	0	0	0	1	0
Cycloramphus_carvalhoi	1	0	0	1	0	0
Cycloramphus_eleutherodactylus	1	0	0	1	0	0
Cycloramphus_fuliginosus	1	0	0	0	1	0
Cycloramphus_izecksohni	1	0	0	0	1	0
Cycloramphus_lithomimeticus	1	0	0	0	1	0
Cycloramphus_lutzorum	1	0	0	0	1	0
Cycloramphus_migueli	1	0	0	1	0	0
Cycloramphus_mirandaribeiroi	1	0	0	0	1	0
Cycloramphus_parvulus	1	0	0	1	0	0
Dendrophryniscus_berthalutzae	0	0	1	0	0	1
Dendrophryniscus_brevipollicatus	0	0	1	0	0	1
Dendrophryniscus_carvalhoi	0	0	1	0	0	1
Dendrophryniscus_leucomystax	0	0	1	0	0	1
Dendrophryniscus_proboscideus	0	0	1	0	0	1
Dendropsophus_anceps	0	0	1	0	0	1
Dendropsophus_araguaya	0	0	1	0	0	1
Dendropsophus_berthalutzae	1	0	1	0	0	0
Dendropsophus_bipunctatus	0	0	1	0	0	1
Dendropsophus_branneri	0	0	1	0	0	1
Dendropsophus_cerradensis	0	0	1	0	0	1
Dendropsophus_cruzi	0	0	1	0	0	1
Dendropsophus_decipiens	1	0	1	0	0	0
Dendropsophus_elegans	0	0	1	0	0	1
Dendropsophus_elianeae	0	0	1	0	0	1
Dendropsophus_giesleri	0	0	1	0	0	1
Dendropsophus_haddadi	1	0	1	0	0	0
Dendropsophus_jimi	0	0	1	0	0	1
Dendropsophus_leucophyllatus	1	0	1	0	0	0
Dendropsophus_melanargyreus	0	0	1	0	0	1
Dendropsophus_meridianus	0	0	1	0	0	1
Dendropsophus_microcephalus	0	0	1	0	0	1
Dendropsophus_microps	0	0	1	0	0	1
Dendropsophus_minutus	0	0	1	0	0	1
Dendropsophus_nahdereri	0	0	1	0	0	1
Dendropsophus_nanus	0	0	1	0	0	1
Dendropsophus_novaisi	0	0	1	0	0	1
Dendropsophus_oliveirai	0	0	1	0	0	1
Dendropsophus_pseudomeridianus	1	0	1	0	0	0
Dendropsophus_rubicundulus	0	0	1	0	0	1

Dendropsophus_ruschii	1	0	1	0	0	0
Dendropsophus_sanborni	0	0	1	0	0	1
Dendropsophus_seniculus	0	0	1	0	0	1
Dendropsophus_soaresi	0	0	1	0	0	1
Dendropsophus_werneri	0	0	1	0	0	1
Dermatonotus_muelleri	0	0	1	0	0	1
Elachistocleis_bicolor	0	0	1	0	0	1
Elachistocleis_cesarii	0	0	1	0	0	1
Elachistocleis_ovalis	0	0	1	0	0	1
Elachistocleis_piauiensis	0	0	1	0	0	1
Eleutherodactylus_cubanus	1	1	0	1	0	0
Euparkerella_brasiliensis	1	1	0	1	0	0
Euparkerella_cochranae	1	1	0	1	0	0
Euparkerella_tridactyla	1	1	0	1	0	0
Fritziana_fissilis	1	0	1	0	0	0
Fritziana_goeldii	1	0	1	0	0	0
Fritziana_ohausi	1	0	1	0	0	0
Frostius_pernambucensis	0	0	1	0	0	1
Gastrotheca_albolineata	1	1	0	1	0	0
Gastrotheca_ernestoi	1	1	0	1	0	0
Gastrotheca_fissipes	1	1	0	1	0	0
Gastrotheca_fulvorufa	1	1	0	1	0	0
Gastrotheca_microdiscus	1	1	0	1	0	0
Gastrotheca_pulchra	1	1	0	1	0	0
Haddadus_binotatus	1	1	0	1	0	0
Holoaden_luederwaldti	1	1	0	1	0	0
Holoaden_pholeter	1	1	0	1	0	0
Hylodes_amnicola	0	0	1	0	0	1
Hylodes_asper	0	0	1	0	0	1
Hylodes_babax	0	0	1	0	0	1
Hylodes_cardosoi	0	0	1	0	0	1
Hylodes_charadranaetes	0	0	1	0	0	1
Hylodes_fredi	0	0	1	0	0	1
Hylodes_heyeri	0	0	1	0	0	1
Hylodes_lateristrigatus	0	0	1	0	0	1
Hylodes_meridionalis	0	0	1	0	0	1
Hylodes_nasus	0	0	1	0	0	1
Hylodes_perere	0	0	1	0	0	1
Hylodes_perplicatus	0	0	1	0	0	1
Hylodes_phyllodes	0	0	1	0	0	1
Hylodes_pipilans	0	0	1	0	0	1
Hylodes_sazimai	0	0	1	0	0	1
Hylomantis_aspera	1	0	1	0	0	0
Hylomantis_granulosa	1	0	1	0	0	0
Ischnocnema_abdita	1	1	0	1	0	0
Ischnocnema_bolbodactyla	1	1	0	1	0	0
Ischnocnema_erythromera	1	1	0	1	0	0
Ischnocnema_guentheri	1	1	0	1	0	0
Ischnocnema_henselii	1	1	0	1	0	0
Ischnocnema_hoehnei	1	1	0	1	0	0

Ischnocnema_holti	1	1	0	1	0	0
Ischnocnema_izecksohni	1	1	0	1	0	0
Ischnocnema_juipoca	1	1	0	1	0	0
Ischnocnema_lactea	1	1	0	1	0	0
Ischnocnema_manezinho	1	1	0	1	0	0
Ischnocnema_melanopygia	1	1	0	1	0	0
Ischnocnema_nasuta	1	1	0	1	0	0
Ischnocnema_nigriventris	1	1	0	1	0	0
Ischnocnema_octavioi	1	1	0	1	0	0
Ischnocnema_oea	1	1	0	1	0	0
Ischnocnema_parva	1	1	0	1	0	0
Ischnocnema_sambaqui	1	1	0	1	0	0
Ischnocnema_spanios	1	1	0	1	0	0
Ischnocnema_surda	1	1	0	1	0	0
Ischnocnema_verrucosa	1	1	0	1	0	0
Itapotihyla_langsdorffii	0	0	1	0	0	1
Leptodactylus_cunicularius	1	0	1	0	0	0
Leptodactylus_cupreus	0	0	1	0	0	0
Leptodactylus_elenae	1	0	0	1	0	0
Leptodactylus_furnarius	0	0	1	0	0	0
Leptodactylus_fuscus	0	0	1	0	0	0
Leptodactylus_gracilis	0	0	1	0	0	0
Leptodactylus_jolyi	0	0	1	0	0	0
Leptodactylus_labyrinthicus	0	0	1	0	0	0
Leptodactylus_latinasus	0	0	1	0	0	0
Leptodactylus_latrans	0	0	1	0	0	0
Leptodactylus_macrosternum	0	0	1	0	0	0
Leptodactylus_marambaiae	0	0	1	0	0	0
Leptodactylus_mystaceus	0	0	1	0	0	0
Leptodactylus_mystacinus	0	0	1	0	0	0
Leptodactylus_natalensis	0	0	1	0	0	0
Leptodactylus_notoaktites	0	0	1	0	0	0
Leptodactylus_oreomantis	0	0	1	0	0	0
Leptodactylus_plaumanni	0	0	1	0	0	0
Leptodactylus_podicipinus	0	0	1	0	0	1
Leptodactylus_pustulatus	0	0	1	0	0	0
Leptodactylus_sertanejo	0	0	1	0	0	0
Leptodactylus_spixi	0	0	1	0	0	0
Leptodactylus_syphax	1	0	1	0	0	0
Leptodactylus_troglodytes	0	0	1	0	0	0
Leptodactylus_vastus	0	0	1	0	0	0
Leptodactylus_viridis	0	0	1	0	0	0
Limnomedusa_macroglossa	0	0	1	0	0	1
Lithobates_catesbeianus	0	0	1	0	0	1
Lithobates_palmipes	0	0	1	0	0	1
Lysapsus_limellum	0	0	1	0	0	1
Macrogenioglottus_alipioi	0	0	1	0	0	1
Melanophryniscus_alipioi	0	0	1	0	0	1
Melanophryniscus_atroluteus	0	0	1	0	0	1
Melanophryniscus_devincenzii	0	0	1	0	0	1

Melanophryniscus_dorsalis	0	0	1	0	0	1
Melanophryniscus_fulvoguttatus	0	0	1	0	0	1
Melanophryniscus_tumifrons	0	0	1	0	0	1
Melanophryniscus_vilavelhensis	0	0	1	0	0	1
Myersiella_microps	1	1	0	1	0	0
Nyctimantis_bokermanni	0	0	1	0	0	1
Nyctimantis_brunoi	0	0	1	0	0	1
Odontophrynus_americanus	0	0	1	0	0	1
Odontophrynus_carvalhoi	0	0	1	0	0	1
Odontophrynus_cultripes	0	0	1	0	0	1
Odontophrynus_maisuma	0	0	1	0	0	1
Paratelmatobius_cardosoi	0	0	1	0	0	1
Paratelmatobius_gaigeae	0	0	1	0	0	1
Paratelmatobius_poecilogaster	1	0	1	0	0	0
Phantasmarana_apuana	1	0	0	0	1	0
Phantasmarana_bocainensis	1	0	0	0	1	0
Phantasmarana_boticariana	1	0	0	0	1	0
Phantasmarana_massarti	1	0	0	0	1	0
Phasmahyla_cochranae	1	0	1	0	0	0
Phasmahyla_cruzi	1	0	1	0	0	0
Phasmahyla_exilis	1	0	1	0	0	0
Phasmahyla_guttata	1	0	1	0	0	0
Phasmahyla_jandaia	1	0	1	0	0	0
Phasmahyla_spectabilis	1	0	1	0	0	0
Phrynomedusa_dryade	1	0	1	0	0	0
Phyllodytes_acuminatus	0	0	1	0	0	1
Phyllodytes_edelmoi	0	0	1	0	0	1
Phyllodytes_gyrinaethes	0	0	1	0	0	1
Phyllodytes_kautskyi	0	0	1	0	0	1
Phyllodytes_luteolus	0	0	1	0	0	1
Phyllodytes_maculosus	0	0	1	0	0	1
Phyllodytes_melanomystax	0	0	1	0	0	1
Phyllodytes_tuberculosus	0	0	1	0	0	1
Phyllomedusa_bahiana	1	0	1	0	0	0
Phyllomedusa_burmeisteri	1	0	1	0	0	0
Phyllomedusa_distincta	1	0	1	0	0	0
Phyllomedusa_iheringii	1	0	1	0	0	0
Phyllomedusa_sauvagii	1	0	1	0	0	0
Phyllomedusa_tetraploidea	1	0	1	0	0	0
Physalaemus_aguirrei	0	0	1	0	0	0
Physalaemus_albifrons	0	0	1	0	0	0
Physalaemus_albonotatus	0	0	1	0	0	1
Physalaemus_atlanticus	0	0	1	0	0	0
Physalaemus_biligonigerus	0	0	1	0	0	0
Physalaemus_bokermanni	0	0	1	0	0	0
Physalaemus_caete	0	0	1	0	0	0
Physalaemus_camacan	0	0	1	0	0	0
Physalaemus_centralis	0	0	1	0	0	0
Physalaemus_cicada	0	0	1	0	0	0
Physalaemus_crombiei	0	0	1	0	0	0

Physalaemus_cuvieri	0	0	1	0	0	0
Physalaemus_erikae	0	0	1	0	0	0
Physalaemus_erythros	0	0	1	0	0	0
Physalaemus_evangelistai	0	0	1	0	0	0
Physalaemus_feioi	0	0	1	0	0	0
Physalaemus_gracilis	0	0	1	0	0	0
Physalaemus_henselii	0	0	1	0	0	0
Physalaemus_jordanensis	0	0	1	0	0	0
Physalaemus_kroyeri	0	0	1	0	0	0
Physalaemus_lateristriga	0	0	1	0	0	0
Physalaemus_lisei	0	0	1	0	0	0
Physalaemus_maculiventris	0	0	1	0	0	0
Physalaemus_marmoratus	0	0	1	0	0	0
Physalaemus_maximus	0	0	1	0	0	0
Physalaemus_moreirae	0	0	1	0	0	0
Physalaemus_nanus	0	0	1	0	0	0
Physalaemus_nattereri	0	0	1	0	0	0
Physalaemus_obtectus	0	0	1	0	0	0
Physalaemus_olfersii	0	0	1	0	0	0
Physalaemus_orophilus	0	0	1	0	0	0
Physalaemus_riograndensis	0	0	1	0	0	0
Physalaemus_rupestris	0	0	1	0	0	0
Physalaemus_signifer	0	0	1	0	0	0
Physalaemus_soaresi	0	0	1	0	0	0
Physalaemus_spiniger	0	0	1	0	0	0
Pipa_carvalhoi	0	0	1	0	0	0
Pithecopus_ayeaye	1	0	1	0	0	0
Pithecopus_azureus	1	0	1	0	0	0
Pithecopus_hypochondrialis	1	0	1	0	0	0
Pithecopus_megacephalus	1	0	1	0	0	0
Pithecopus_nordestinus	1	0	1	0	0	0
Pithecopus_rohdei	1	0	1	0	0	0
Pithecopus_rusticus	1	0	1	0	0	0
Pleurodema_alium	0	0	1	0	0	0
Pleurodema_bibroni	0	0	1	0	0	0
Pleurodema_diplolister	0	0	1	0	0	0
Pristimantis_paulodutrai	1	1	0	1	0	0
Pristimantis_ramagii	1	1	0	1	0	0
Pristimantis_vinhai	1	1	0	1	0	0
Proceratophrys_appendiculata	0	0	1	0	0	1
Proceratophrys_avelinoi	0	0	1	0	0	1
Proceratophrys_belzebul	0	0	1	0	0	1
Proceratophrys_bigibbosa	0	0	1	0	0	1
Proceratophrys_boiei	0	0	1	0	0	1
Proceratophrys_brauni	0	0	1	0	0	1
Proceratophrys_cristiceps	0	0	1	0	0	1
Proceratophrys_cururu	0	0	1	0	0	1
Proceratophrys_laticeps	0	0	1	0	0	1
Proceratophrys_mantiqueira	0	0	1	0	0	1
Proceratophrys_melanopogon	0	0	1	0	0	1

Proceratophrys_minuta	0	0	1	0	0	1
Proceratophrys_moratoi	0	0	1	0	0	1
Proceratophrys_paviotii	0	0	1	0	0	1
Proceratophrys_renalis	0	0	1	0	0	1
Proceratophrys_schirchi	0	0	1	0	0	1
Proceratophrys_subguttata	0	0	1	0	0	1
Proceratophrys_tupinamba	0	0	1	0	0	1
Pseudis_cardosoi	0	0	1	0	0	1
Pseudis_fusca	0	0	1	0	0	1
Pseudis_minuta	0	0	1	0	0	1
Pseudis_paradoxa	0	0	1	0	0	1
Pseudis_platensis	0	0	1	0	0	1
Pseudopaludicola_falcipes	0	0	1	0	0	1
Pseudopaludicola_mineira	0	0	1	0	0	1
Pseudopaludicola_murundu	0	0	1	0	0	1
Pseudopaludicola_mystacalis	0	0	1	0	0	0
Pseudopaludicola_saltica	0	0	1	0	0	1
Pseudopaludicola_ternetzi	0	0	1	0	0	1
Rhinella_abei	0	0	1	0	0	1
Rhinella_achavali	0	0	1	0	0	1
Rhinella_arenarum	0	0	1	0	0	1
Rhinella_azarai	0	0	1	0	0	1
Rhinella_crucifer	0	0	1	0	0	1
Rhinella_dorbignyi	0	0	1	0	0	1
Rhinella_fernandezae	0	0	1	0	0	1
Rhinella_granulosa	0	0	1	0	0	1
Rhinella_henseli	0	0	1	0	0	1
Rhinella_hoogmoedi	0	0	1	0	0	1
Rhinella_icterica	0	0	1	0	0	1
Rhinella_jimi	0	0	1	0	0	1
Rhinella_ornata	0	0	1	0	0	1
Rhinella_pombali	0	0	1	0	0	1
Rhinella_pygmaea	0	0	1	0	0	1
Rhinella_rubescens	0	0	1	0	0	1
Rhinella_schneideri	0	0	1	0	0	1
Rhinella_scitula	0	0	1	0	0	1
Rupirana_cardosoi	1	0	1	0	0	0
Scinax_agilis	0	0	1	0	0	1
Scinax_albicans	0	0	1	0	0	1
Scinax_alter	0	0	1	0	0	1
Scinax_angrensis	0	0	1	0	0	1
Scinax_arduous	0	0	1	0	0	1
Scinax_argyreornatus	0	0	1	0	0	1
Scinax_aromothyella	0	0	1	0	0	1
Scinax_auratus	0	0	1	0	0	1
Scinax_belloni	0	0	1	0	0	1
Scinax_berthae	0	0	1	0	0	1
Scinax_brieni	0	0	1	0	0	1
Scinax_caldarum	0	0	1	0	0	1
Scinax_camposseabrai	0	0	1	0	0	1

Scinax_canastrensis	0	0	1	0	0	1
Scinax_catharinae	0	0	1	0	0	1
Scinax_constrictus	0	0	1	0	0	1
Scinax_cosenzai	0	0	1	0	0	1
Scinax_cretatus	0	0	1	0	0	1
Scinax_crospedospilus	0	0	1	0	0	1
Scinax_curicica	0	0	1	0	0	1
Scinax_cuspidatus	0	0	1	0	0	1
Scinax_duartei	0	0	1	0	0	1
Scinax_eurydice	0	0	1	0	0	1
Scinax_flavoguttatus	0	0	1	0	0	1
Scinax_fuscomarginatus	0	0	1	0	0	1
Scinax_fuscovarius	0	0	1	0	0	1
Scinax_granulatus	0	0	1	0	0	1
Scinax_hayii	0	0	1	0	0	1
Scinax_heyeri	0	0	1	0	0	1
Scinax_hiemalis	0	0	1	0	0	1
Scinax_humilis	0	0	1	0	0	1
Scinax_imbegue	0	0	1	0	0	1
Scinax_juncae	0	0	1	0	0	1
Scinax_littoralis	0	0	1	0	0	1
Scinax_littoreus	0	0	1	0	0	1
Scinax_longilineus	0	0	1	0	0	1
Scinax_luizotavioi	0	0	1	0	0	1
Scinax_melanodactylus	0	0	1	0	0	1
Scinax_nasicus	0	0	1	0	0	1
Scinax_nebulosus	0	0	1	0	0	1
Scinax_obtriangulatus	0	0	1	0	0	1
Scinax_pachycrus	0	0	1	0	0	1
Scinax_perereca	0	0	1	0	0	1
Scinax_perpusillus	0	0	1	0	0	1
Scinax_ranki	0	0	1	0	0	1
Scinax_rizibilis	0	0	1	0	0	0
Scinax_rogerioi	0	0	1	0	0	1
Scinax_ruber	0	0	1	0	0	1
Scinax_similis	0	0	1	0	0	1
Scinax_squalirostris	0	0	1	0	0	1
Scinax_strigilatus	0	0	1	0	0	1
Scinax_trapicheiroi	0	0	1	0	0	1
Scinax_tripui	0	0	1	0	0	1
Scinax_tymbamirim	0	0	1	0	0	1
Scinax_uruguayus	0	0	1	0	0	1
Scinax_v-signatus	0	0	1	0	0	1
Scinax_x-signatus	0	0	1	0	0	1
Scythrophrys_sawayae	0	0	1	0	0	1
Sphaenorhynchus_caramaschii	0	0	1	0	0	1
Sphaenorhynchus_palustris	0	0	1	0	0	1
Sphaenorhynchus_planicola	0	0	1	0	0	1
Sphaenorhynchus_prasinus	0	0	1	0	0	1
Sphaenorhynchus_surdus	0	0	1	0	0	1

Stereocyclops_incrassatus	0	0	1	0	0	1
Stereocyclops_parkeri	0	0	1	0	0	1
Thoropa_megatympanum	1	0	0	0	1	0
Thoropa_miliaris	1	0	0	0	1	0
Thoropa_taophora	1	0	0	0	1	0
Trachycephalus_atlas	0	0	1	0	0	1
Trachycephalus_dibernardoi	0	0	1	0	0	1
Trachycephalus_imitatrix	0	0	1	0	0	1
Trachycephalus_mesophaeus	0	0	1	0	0	1
Trachycephalus_nigromaculatus	0	0	1	0	0	1
Trachycephalus_typhonius	0	0	1	0	0	1
Vitreorana_eurygnatha	1	0	1	0	0	0
Vitreorana_uranoscopa	1	0	1	0	0	0
Xenohyla_eugenioi	0	0	1	0	0	1
Xenohyla_truncata	0	0	1	0	0	1

S2	S3	S4	S5	S6	S7	Body length	Head width	Tibia length
0	0	0	1	0	0	16,3	5,27	5,03
0	0	0	1	0	0	11,1	4,19	4,88
0	1	0	0	0	0	19	7,09	8,15
0	1	0	0	0	0	28	9,91	12,82
0	1	0	0	0	0	18,5	6,02	8,17
0	1	0	0	0	0	23	7,82	10,12
0	1	0	0	0	0	24	8,2	10,94
0	1	0	0	0	0	22	7,37	10,66
0	1	0	0	0	0	30	10,29	13,38
0	1	0	0	0	0	25	8,4	11,05
0	1	0	0	0	0	18	5,91	8,7
0	1	0	0	0	0	23,5	6,07	7,84
0	0	0	1	0	0	15,83	5,17	7,66
0	0	0	1	0	0	16,9	5,1	7,5
0	0	0	1	0	0	24,4	6,55	10,62
0	0	0	0	0	0	41,6	12,97	19,26
0	0	0	0	0	0	52	13,28	21,58
0	0	0	0	0	0	41,6	12,6	18,7
0	0	0	0	0	0	37,3	11,6	17,3
0	0	0	0	0	0	50,3	16,65	20,69
0	0	0	0	0	0	39,1	10,38	17,27
0	0	0	0	0	0	39	13	19,8
0	0	0	0	0	0	50,4	14,3	23,6
0	0	0	0	0	0	43,4	13,3	19,3
0	0	0	0	0	0	45,1	13,4	20,02
0	0	0	0	0	0	46,1	14,97	18,88
0	0	0	0	0	0	33,6	10,4	15,9
0	0	0	0	0	0	41,7	13,7	20,8
0	0	0	0	0	0	25,6	6,38	9,51
0	0	0	1	0	0	25	9,08	12,2
0	0	0	1	0	0	28,5	11,03	12,85
0	0	0	0	0	0	62	21	30
0	0	0	0	0	0	75	17,4	31,9
0	0	0	0	0	0	43,5	13,83	18,3
0	0	0	0	0	0	29,13	10,06	17,13
0	0	0	0	0	0	69	19,24	30,9
0	0	0	0	0	0	38	8,32	17,45
0	0	0	0	0	0	44,3	11,8	17,3
0	0	0	0	0	0	30,6	10,5	15,9
0	0	0	0	0	0	75	23	36
0	0	0	0	0	0	41,95	13,65	21,35
0	0	0	0	0	0	31,8	10,8	16,9
0	0	0	0	0	0	99	30,2	50,1
0	0	0	0	0	0	104	40,48	58,13
0	0	0	0	0	0	35,4	11,39	20,07
0	0	0	0	0	0	40	15,3	21,7
0	0	0	0	0	0	47	10,4	16,74
0	0	0	0	0	0	26,6	7,8	13,1
0	0	0	0	0	0	56,4	16,69	27,33

0	0	0	0	0	0	51,6	13,7	22
0	0	0	0	0	0	39	8,6	15,2
0	0	0	0	0	0	52,34	17,07	29,26
0	0	0	0	0	0	51,1	15,6	24,3
0	0	0	0	0	0	50,2	15,7	29,2
0	0	0	0	0	0	48,95	16,65	29,1
0	0	0	0	0	0	75	23,36	35,06
0	0	0	0	0	0	45,6	12,3	19,5
0	0	0	0	0	0	41,5	11,81	19,05
0	0	0	0	0	0	65,7	19,2	30,2
0	0	0	0	0	0	55	13,86	22,8
0	0	0	0	0	0	50	14,01	22,97
0	0	0	0	0	0	41,7	12,5	18,9
0	0	0	0	0	0	82	22	40
0	0	0	0	0	0	48	14,3	22,7
0	0	0	0	0	0	52	24,43	34,8
0	0	0	0	0	0	56	15,17	24,64
0	0	0	0	0	0	39	7,7	14
0	0	0	0	0	0	140,9	44,68	57,03
0	0	0	0	0	0	45	15,88	25,58
0	0	0	0	0	0	64,1	19,63	28,2
0	0	0	0	0	0	70	22,47	32,56
0	0	0	0	0	0	67	23	33
0	0	0	0	0	0	71	21,6	30
0	0	0	0	0	0	64	20,4	29,8
0	0	0	0	0	0	42,7	14,1	20
0	0	0	0	0	0	50,8	16,3	24,6
0	0	0	0	0	0	61,9	18,6	27,3
0	0	0	0	0	0	64	21	28,66
0	0	0	0	0	0	44	20,5	20,5
0	0	0	0	0	0	47,15	15,1	21,6
0	0	0	0	0	0	55	18,17	25,54
0	0	0	1	0	0	16,2	5,6	5,4
0	0	0	1	0	0	10,7	4,19	5,29
0	0	0	1	0	0	19,7	6,54	6,75
0	0	0	1	0	0	18,6	6,43	6,03
0	0	0	1	0	0	15	3,2	4,3
0	0	0	1	0	0	13,4	5,1	4,5
0	0	0	1	0	0	14	4,9	4,7
0	0	0	0	0	0	149	48,45	58,37
0	0	0	0	0	0	27,8	6,57	9,62
0	0	0	0	0	0	30,4	7	9
0	0	0	0	0	0	20,2	5,37	6,7
0	0	0	0	0	0	20,2	6,1	8,6
0	0	0	0	0	0	24,4	6,52	8,31
1	0	0	0	0	0	23,6	6,22	9,42
0	0	0	0	0	0	22,8	5,92	8,8
0	0	0	0	0	0	34,5	7,57	10,77
0	0	0	0	0	0	86,5	24,48	33,08
0	0	0	0	0	0	15	5,76	8,16

0	0	0	0	0	0	27,2	8	13,05
0	0	0	0	0	0	24,5	8,23	12,96
0	0	0	0	0	0	30	10,12	15,07
0	0	0	0	0	0	33,8	12,1	17,08
0	0	0	0	0	0	35,1	11,7	16,94
0	0	0	0	0	0	33,3	10,55	15,81
0	0	0	0	0	0	25,8	8,7	13,47
0	0	0	1	0	0	48,1	17,72	13,42
0	0	0	1	0	0	46	19,32	20,7
0	0	0	1	0	0	39,8	17,14	18,58
0	0	0	1	0	0	50,2	21,1	23,09
0	0	0	1	0	0	37	16,9	17,69
0	0	0	1	0	0	58,3	25,65	27,69
0	0	0	1	0	0	64,3	27,64	28,29
0	0	0	1	0	0	34,9	14,5	17,3
0	0	0	1	0	0	29,5	11,1	13,76
0	0	0	1	0	0	58	24,65	26,97
0	0	0	1	0	0	42,1	19,2	14
0	0	0	1	0	0	68,6	29,84	33,95
0	0	0	1	0	0	29,6	14,62	14,98
0	0	0	0	0	0	24	9,88	10,23
0	0	0	0	0	0	25	10,09	10,25
0	0	0	0	0	0	19	8,44	8,74
0	0	0	0	0	0	23	9,55	9,79
0	0	0	0	0	0	41	15,08	16,3
0	0	0	0	0	0	42	14	22
0	0	0	0	0	0	20,5	6	9,6
0	0	0	0	1	0	24	7	9,79
0	0	0	0	0	0	30	23,43	8,5
0	0	0	0	0	0	25	6,06	10
0	0	0	0	0	0	19,3	6	9,3
0	0	0	0	0	0	25	6,07	10,7
0	0	0	0	1	0	21	7	10
0	0	0	0	0	0	35,7	9,8	16,7
0	0	0	0	0	0	26	7,22	11,55
0	0	0	0	0	0	35,9	8,72	13,18
0	0	0	0	1	0	24	7,5	11,34
0	0	0	0	0	0	22,3	6,05	9,85
0	0	0	0	1	0	50	16	22,04
0	0	0	0	0	0	50	15,19	20,81
0	0	0	0	0	0	24	8,13	13,39
0	0	0	0	0	0	32	10,15	13,68
0	0	0	0	0	0	33	22,5	8,5
0	0	0	0	0	0	27,6	6,75	10,97
0	0	0	0	0	0	50,5	14,73	21,18
0	0	0	0	0	0	23,8	6	9,5
0	0	0	0	0	0	35	11,5	14,94
0	0	0	0	0	0	20	5,8	8,16
0	0	0	0	1	0	22,7	6,8	10,7
0	0	0	0	0	0	25,4	7,04	11,53

0	0	0	0	1	0	29	8,7	13,8
0	0	0	0	0	0	21,1	5,5	10
0	0	0	0	0	0	43	12,44	18,85
0	0	0	0	0	0	33	9	13,5
0	0	0	0	0	0	23	6,5	10
0	0	0	0	0	0	74,15	21,31	27,29
0	0	0	0	0	0	43	10,92	15,85
0	0	0	0	0	0	28,61	6,22	10,58
0	0	0	0	0	0	43,8	10,99	16,15
0	0	0	0	0	0	22,5	5,8	8,2
0	0	0	1	0	0	14	5,48	7,31
0	0	0	1	0	0	20	9,12	9,5
0	0	0	1	0	0	20	9,12	9,5
0	0	0	1	0	0	20	9,12	9,5
0	0	0	0	0	1	38,7	13,65	18,22
0	0	0	0	0	1	34,8	12,45	16,79
0	0	0	0	0	1	34,7	12,42	16,75
0	0	0	0	0	0	21	8,64	8,55
0	0	0	0	0	1	60	20,33	26,48
0	0	0	0	0	1	75	24,96	31,98
0	0	0	0	0	1	68	22,85	29,64
0	0	0	0	0	1	77,2	25,64	32,78
0	0	0	0	0	1	49	16,94	22,45
0	0	0	0	0	1	30,34	11,6	17,36
0	0	0	1	0	0	63,8	21,39	25,97
0	0	0	1	0	0	39,6	16,2	15,9
0	0	0	1	0	0	44,63	17,3	18,76
0	0	0	0	0	0	27,65	8,72	14,9
0	0	0	0	0	0	44,9	15,02	22,05
0	0	0	0	0	0	30,6	9,7	17,2
0	0	0	0	0	0	40,72	13,65	22,5
0	0	0	0	0	0	34,4	10,4	17,3
0	0	0	0	0	0	34,8	10,5	17,8
0	0	0	0	0	0	41,33	12,9	22,33
0	0	0	0	0	0	40	13,56	20,28
0	0	0	0	0	0	50	16,6	23,92
0	0	0	0	0	0	38	19,17	23,59
0	0	0	0	0	0	25,35	7,72	13,94
0	0	0	0	0	0	45,1	15,08	22,13
0	0	0	0	0	0	29,2	8,9	14,4
0	0	0	0	0	0	25,1	7,8	13,8
0	0	0	0	0	0	27,6	9,2	14,4
0	0	0	1	0	0	41,7	15,5	20,4
0	0	0	0	1	0	37,4	14,5	17,2
0	0	0	1	0	0	15,7	5,3	8,7
0	0	0	1	0	0	15,3	5,71	9,03
0	0	0	1	0	0	26,5	9,43	14,58
0	0	0	1	0	0	30,8	11,08	19,86
0	0	0	1	0	0	29,5	10,63	19,19
0	0	0	1	0	0	32,2	8,83	20,33

0	0	0	1	0	0	19	7,5	10
0	0	0	1	0	0	46,25	16,15	25,8
0	0	0	1	0	0	20,43	6,88	10,91
0	0	0	1	0	0	32	11,24	14,77
0	0	0	1	0	0	34,8	11,76	16,79
0	0	0	1	0	0	18,9	6,48	9,04
0	0	0	0	1	0	38,1	12,57	23,81
0	0	0	1	0	0	21,9	7,67	10,9
0	0	0	1	0	0	31,25	12	15,51
0	0	0	1	0	0	17,7	6,19	10,97
0	0	0	1	0	0	25,5	8,03	15,21
0	0	0	1	0	0	36,89	13,96	19,16
0	0	0	1	0	0	14,7	4,9	7,6
0	0	0	1	0	0	21,78	8,42	11,55
0	0	0	1	0	0	24	9,16	12,63
0	0	0	0	0	0	112	21,72	40,45
0	1	0	0	0	0	40	15	24
0	1	0	0	0	0	52,4	18	26,1
0	0	0	1	0	0	43,5	14,3	20,6
0	1	0	0	0	0	35,4	11,6	18,76
0	1	0	0	0	0	43,2	14,25	22,24
0	1	0	0	0	0	43	13,76	20,42
0	1	0	0	0	0	45,4	17	34,05
0	1	0	0	0	0	117,73	37,24	49,37
0	1	0	0	0	0	32,1	10,91	14,44
0	1	0	0	0	0	120	39,78	59,89
0	1	0	0	0	0	80	25,99	35,82
0	1	0	0	0	0	38,5	13,09	19,25
0	1	0	0	0	0	43,15	14,67	21,79
0	1	0	0	0	0	54,75	19,16	22,99
0	1	0	0	0	0	44	14,88	22,62
0	1	0	0	0	0	48,25	15,92	26
0	1	0	0	0	0	33,35	10,95	20,05
0	1	0	0	0	0	46	14,92	22,05
0	0	0	0	0	0	54	17,97	26,28
0	1	0	0	0	0	40	13,65	21,15
0	1	0	0	0	0	52,6	15,5	34,13
0	1	0	0	0	0	43	14,5	21,5
0	1	0	0	0	0	75,25	27,09	28,1
0	1	0	0	0	0	49,35	16,77	19,74
0	1	0	0	0	0	144,42	45,81	59,25
0	1	0	0	0	0	64,5	21,22	30,03
0	0	0	0	0	0	49,5	18,27	23,2
0	0	0	0	0	0	203	62,61	75,83
0	0	0	0	0	0	126	38,86	47,61
0	0	0	0	0	0	24,8	7,69	14,75
0	0	0	0	0	0	113,8	41,79	39,03
0	0	0	0	0	0	23,08	6,01	15,93
0	0	0	0	0	0	28	9,32	11,52
0	0	0	0	0	0	29	9,63	11,88

0	0	0	0	0	0	23,15	7,7	8,17
0	0	0	0	0	0	25,6	7,7	8,15
0	0	0	0	0	0	31	11,06	12,58
0	0	0	0	0	0	14,66	4,7	4,6
0	0	0	1	0	0	40	11	14,84
0	0	0	0	0	0	81	21,2	34
0	0	0	0	0	0	81	20,5	25,64
0	0	0	0	0	0	51	21,62	13,41
0	0	0	0	0	0	70	30,8	21,7
0	0	0	0	0	0	70	27,3	19,81
0	0	0	0	0	0	39,2	16,57	13,5
0	0	0	0	0	0	17,13	6,59	7,78
0	0	0	0	0	0	19	6,5	8,57
0	0	0	1	0	0	27,07	9,17	11,27
0	0	0	1	0	0	90,5	38,57	44,25
0	0	0	1	0	0	66,7	27	32,6
0	0	0	1	0	0	74,9	34,54	39,69
0	0	0	1	0	0	112,25	46,95	55,55
0	0	0	0	1	0	46	15,5	21,66
0	0	0	0	1	0	35,43	12,6	18,26
0	0	0	0	1	0	34,5	12,09	17,49
0	0	0	0	1	0	45	15,51	21,67
0	0	0	0	1	0	30,4	11,5	16,42
0	0	0	0	1	0	40,67	13,75	20,22
0	0	0	1	0	0	36,61	11,06	14,95
0	0	0	0	0	0	24,5	7,93	11,73
0	0	0	0	0	0	28,8	9,5	13,8
0	0	0	0	0	0	27,9	9,7	13
0	0	0	0	0	0	38	13,9	18,6
0	0	0	0	0	0	23	8,15	10,94
0	0	0	0	0	0	45,5	18,6	22,1
0	0	0	0	0	0	26,6	8,9	11,7
0	0	0	0	0	0	26	8,6	11,2
0	0	0	0	1	0	85	27,17	33,63
0	0	0	0	1	0	79	25,32	31,43
0	0	0	0	1	0	70	21	28
0	0	0	0	1	0	75	24,1	29,96
0	0	0	0	1	0	96,6	30,74	37,88
0	0	0	0	1	0	59,04	20,74	24,23
0	1	0	0	0	0	28,2	9,62	12,91
0	1	0	0	0	0	25	7,99	12,02
0	0	0	0	0	0	34,1	10,8	15,35
1	1	0	0	0	0	21,77	7,1	10,57
0	1	0	0	0	0	32,4	16,7	16,72
1	1	0	0	0	0	19,46	6,29	9,72
0	1	0	0	0	0	23	7,96	10,98
0	1	0	0	0	0	23,3	7,4	11,1
0	1	0	0	0	0	40	12,56	17,55
0	1	0	0	0	0	25,38	8,91	11,87
1	1	0	0	0	0	20,3	7,7	9,3

0	1	0	0	0	0	36,5	11,48	16,26
0	1	0	0	0	0	23,62	7,47	11,25
0	1	0	0	0	0	25,33	7,8	10,46
0	1	0	0	0	0	23	7,96	10,98
0	1	0	0	0	0	25,7	9,2	12
0	1	0	0	0	0	40	15,24	18,1
0	1	0	0	0	0	20,92	7,53	10,23
0	1	0	0	0	0	24	8,17	11,54
0	1	0	0	0	0	35	11,05	15,42
0	1	0	0	0	0	28,7	9	14
0	1	0	0	0	0	28,25	8,94	13,73
0	1	0	0	0	0	25	8,67	11,75
0	1	0	0	0	0	38,86	11,87	15,62
0	1	0	0	0	0	46,3	14,1	21,9
0	1	0	0	0	0	25,4	8,8	11,9
1	1	0	0	0	0	20	7,03	9,88
0	1	0	0	0	0	56,4	18,26	23,22
0	1	0	0	0	0	24,93	8,55	11,69
0	1	0	0	0	0	41	13,51	17,57
0	1	0	0	0	0	25,3	8,3	12,6
0	1	0	0	0	0	18,6	5,84	7,92
0	1	0	0	0	0	17,8	5,2	7,1
1	1	0	0	0	0	26,72	9,44	11,89
0	1	0	0	0	0	22,8	7,9	10,91
1	1	0	0	0	0	22,7	7,56	11,49
0	0	1	0	0	0	68	21,37	26,76
0	0	0	0	1	0	41	12,5	15,66
0	0	0	0	1	0	40,32	11,37	16
0	0	0	1	0	0	46	14,17	18,13
0	0	0	0	1	0	42,6	14,42	16,77
0	0	0	0	1	0	39,12	11,52	15,5
0	0	0	0	1	0	36	11,57	14,37
0	0	0	1	0	0	35,46	11,85	14,1
1	1	0	0	0	0	33,8	11,6	13,9
0	1	0	0	0	0	31	10,71	13,59
0	1	0	0	0	0	20	7,34	9,01
0	0	0	1	0	0	31,5	11,57	14,08
0	0	0	1	0	0	30	11,11	13,53
0	0	0	1	0	0	22	8,64	10,6
0	0	0	0	0	0	52,8	27,8	23,2
0	0	0	0	0	0	29,95	13,72	10,05
0	0	0	0	0	0	48	26	21
0	0	0	0	0	0	44,3	20,4	15,3
0	0	0	0	0	0	56,47	28,65	21,22
0	0	0	0	0	0	34,84	16,8	12,34
0	0	0	0	0	0	50,2	22,34	18,76
0	0	0	0	0	0	43,96	20,94	17,12
0	0	0	0	0	0	67,62	41,97	23,32
0	0	0	0	0	0	40,37	20,42	17,62
0	0	0	0	0	0	45	23,6	17,25

0	0	0	0	0	0	24,65	11,96	9,3
0	0	0	0	0	0	32,07	13,7	11,2
0	0	0	0	0	0	49,82	22,95	17,82
0	0	0	0	0	0	50,05	25,8	18,7
0	0	0	0	0	0	44,5	21,31	16,06
0	0	0	0	0	0	47	29	19
0	0	0	0	0	0	56,62	29,12	24,17
0	0	0	0	0	0	55,9	14,87	21,42
0	0	0	0	0	0	53	16,65	25,4
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0	0	0	0	0	0	50	16	25
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0	1	0	0	0	0	14,8	5,55	7,47
0	0	0	0	0	0	15,97	6,05	11,52
0	0	0	0	0	0	20	7,39	10,43
0	0	0	0	0	0	83,9	28,33	28,86
0	0	0	0	0	0	60,85	21,95	20,68
0	0	0	0	0	0	84,34	30,25	29,67
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0	0	0	0	0	0	55	18	19
0	0	0	0	0	0	63,9	22,16	21,52
0	0	0	0	0	0	47,9	17,7	19,3
0	0	0	0	0	0	190	61,95	68,08
0	0	0	0	0	0	140,64	51,37	47,45
0	0	0	0	0	0	84,29	28,45	29
0	0	0	0	0	0	119	39,16	41,72
0	0	0	0	0	0	29	11	9
0	0	0	0	0	0	130	43,51	46,11
0	0	0	0	0	0	250	84,68	87,71
0	0	0	0	0	0	44,07	15,85	17,22
0	0	0	0	1	0	30,47	11,45	14,34
0	0	0	0	0	0	19,5	6	9
0	0	0	0	0	0	46,94	12,5	19,16
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0	0	0	0	0	0	39,2	9,51	14,14
0	0	0	0	0	0	26,2	8,38	13,67
0	0	0	0	0	0	23	6,68	11,05
0	0	0	0	0	0	31,8	7,4	12,5
0	0	0	0	0	0	24,7	7,4	13
0	0	0	0	0	0	37,5	10,4	15,3
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0	0	0	0	0	0	40	11,39	17,6
0	0	0	0	0	0	35	8,82	16
0	0	0	0	0	0	35,9	10,42	16,26

0	0	0	0	0	0	38	11,06	17,03
0	0	0	0	0	0	45,5	15,3	22,39
0	0	0	0	0	0	28,25	9,2	15,93
0	0	0	0	0	0	21,23	7,28	10,93
0	0	0	0	0	0	30,96	10,44	15,98
0	0	0	0	0	0	37,6	9,92	15,81
0	0	0	0	0	0	31,5	9,06	14,65
0	0	0	0	0	0	32,5	9	15,5
0	0	0	0	0	0	37	11	18
0	0	0	0	0	0	53,8	14	23
0	0	0	0	0	0	45,4	15	21
0	0	0	0	0	0	26,7	5,7	9,9
0	0	0	0	0	0	55,3	12,5	22
0	0	0	0	0	0	43	12	18
0	0	0	0	0	0	53	15,84	24,96
0	0	0	0	0	0	35,6	12,41	19,38
0	0	0	0	0	0	34,4	9,39	14
0	0	0	0	0	0	40,9	9,91	15,77
0	0	0	0	0	0	31,85	10,57	15,9
0	0	0	0	0	0	24,1	8,2	12,9
0	0	0	0	0	0	39,9	9	16,5
0	0	0	0	0	0	25,5	4,95	9,65
0	0	0	0	0	0	48	15	25
0	0	0	0	0	0	30	7,7	12,2
0	0	0	0	0	0	14,62	5,12	8,05
0	0	0	0	0	0	30,21	9,55	15,02
0	0	0	0	0	0	40	12,84	19,81
0	0	0	0	0	0	39	7,46	12,35
0	0	0	0	0	0	33	10	19
0	0	0	0	0	0	42,2	13,2	20
0	0	0	0	0	0	25	6,53	10,1
0	0	0	0	0	0	28,7	9,25	14,95
0	1	0	0	0	0	34	10	16,79
0	0	0	0	0	0	30,05	10,32	15,15
0	0	0	0	0	0	45	12,75	20,15
0	0	0	0	0	0	41	11	16,5
0	0	0	0	0	0	29	9	14
0	0	0	0	0	0	38,3	9,3	12,4
0	0	0	0	0	0	40	13,75	21,08
0	0	0	0	0	0	30,92	10,77	16,47
0	0	0	0	0	0	25,37	8,05	13,37
0	0	0	0	0	0	25,8	8,3	12,8
0	0	0	0	0	0	27	7,7	12,8
0	0	0	0	0	0	48	13,6	21,25
0	0	0	0	0	0	17,5	6	9
0	0	0	0	0	0	29,3	8,38	13
0	0	0	0	0	0	36	10,47	15,5
0	0	0	0	0	0	24	7	12
0	0	0	0	0	0	31	9,8	13,94
0	0	0	0	0	0	28	7,75	12,53

0	0	0	0	0	0	57,8	16,45	21,35
0	0	0	0	0	0	51	14,35	18,86
0	0	0	1	0	0	41,8	17,92	21,95
0	0	0	1	0	0	58,5	25,2	31,9
0	0	0	1	0	0	102,1	38,43	47,48
0	0	0	0	0	0	107	30	27,13
0	0	0	0	0	0	84,4	25,38	39,47
0	0	0	0	0	0	53	16	26
0	0	0	0	0	0	80,5	21	32
0	0	0	0	0	0	91,05	26	36
0	0	0	0	0	0	105	30,28	38,71
0	0	0	0	1	0	23	8,68	11
0	0	0	0	1	0	25,8	9,54	12,03
0	0	0	0	0	0	35,74	11,34	14,46
0	0	0	0	0	0	42	11,83	15,42

Observation	References
Head width inferred	1,2,3,27
Head width inferred	1,2,3,27
	1,2,3,5
	1,2,3,29
	1,2,3,28
	1,2,3,29
Tibia length inferred	1,2,3
	1,2,3,6
	1,2,3,29
	1,2,3,29
	1,2,3,117
	1,2,3,30
Head width and tibia length inferred	1,2,3
	1,2,3,31
Tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,32
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
	1,2,3,4
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,33
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,15
	1,2,3,4
	1,2,3,34
	1,2,3,36
	1,2,3,4
	1,2,3,4
	1,2,3,37
	1,2,3,38
	1,2,3,4
	1,2,3,39
	1,2,3,4

	1,2,3,4
	1,2,3,4
Tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,40
	1,2,3,40
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,41
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
Head width and tibia length inferred	1,2,3
	1,2,3,42
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,118
	1,2,3, 43
	1,2,3,44
	1,2,3,45
Head width and tibia length inferred	1,2,3
	1,2,3,46
	1,2,3,131
	1,2,3,47
	1,2,3,48
Head width and tibia length inferred	1,2,3
	1,2,3,47
	1,2,3,12
	1,2,3,47
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3

	1,2,3,49
	1,2,3,50
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,51
	1,2,3,52
Head width and tibia length inferred	1,2,3
	1,2,3,52
Head width and tibia length inferred	1,2,3
	1,2,3,52
	1,2,3,52
	1,2,3,53
	1,2,3,54
	1,2,3,52
	1,2,3,23
	1,2,3,52
Head width and tibia length inferred	1,2,3
Head width inferred	1,2,3
Head width inferred	1,2,3,44
Head width inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,35
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,35
	1,2,3,55
	1,2,3,4
	1,2,3,4
	1,2,3,56
	1,2,3,4
	1,2,3,4
	1,2,3,9
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,4
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
Tibia length inferred	1,2,3,115
	1,2,3,4
	1,2,3,4
Head width and tibia length inferred	1,2,3

	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,57
Head width and tibia length inferred	1,2,3
	1,2,3,58
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,59
Head width and tibia length inferred	1,2,3
	1,2,3,60
	1,2,3,61
	1,2,3,62
Head width and tibia length inferred	1,2,3
	1,2,3,25
	1,2,3,63
	1,2,3,21
	1,2,3,64
	1,2,3,65
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,66
Head width and tibia length inferred	1,2,3
	1,2,3,21
	1,2,3,64
	1,2,3,67
	1,2,3,119
	1,2,3,134
	1,2,3,7
Head width and tibia length inferred	1,2,3
	1,2,3,68
	1,2,3,68
Head width and tibia length inferred	1,2,3
	1,2,3,120

	1,2,3,121
	1,2,3,69
	1,2,3,70
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,10
	1,2,3,68
	1,2,3,122
Tibia length inferred	1,2,3
	1,2,3,68
Head width and tibia length inferred	1,2,3
	1,2,3,71
	1,2,3,24
	1,2,3,14
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,72
	1,2,3,73
	1,2,3,74
	1,2,3,72
	1,2,3,74
	1,2,3,74
	1,2,3,72
Tibia length inferred	1,2,3,
	1,2,3,74
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,74
	1,2,3,74
	1,2,3,74
Head width and tibia length inferred	1,2,3
	1,2,3,74
	1,2,3,75
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,76
	1,2,3,77
	1,2,3,123
	1,2,3,74
Head width inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,78
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3

	1,2,3,79
	1,2,3,79
Head width and tibia length inferred	1,2,3
	1,2,3,80
Head width and tibia length inferred	1,2,3
	1,2,3,81
	1,2,3,4
	1,2,3,8
	1,2,3,82
	1,2,3,82
	1,2,3,8
	1,2,3,83
Tibia length inferred	1,2,3,83
	1,2,3,83
	1,2,3,84
	1,2,3,85
	1,2,3,86
	1,2,3,85
Tibia length inferred	1,2,3,132
	1,2,3,87
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Tibia length inferred	1,2,3,133
	1,2,3,88
	1,2,3,89
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,135
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,90
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,91
Tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,92
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,22

Head width and tibia length inferred	1,2,3
	1,2,3,93
	1,2,3,94
Head width and tibia length inferred	1,2,3
	1,2,3,95
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,95
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,96
	1,2,3,97
	1,2,3,24
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,95
	1,2,3,98
	1,2,3,124
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,125
	1,2,3,26
Head width and tibia length inferred	1,2,3
	1,2,3,26
	1,2,3,26
Head width and tibia length inferred	1,2,3
	1,2,3,99
	1,2,3,100
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,11
	1,2,3,101
	1,2,3,102
	1,2,3,103
	1,2,3,11,13
	1,2,3,103
Head width and tibia length inferred	1,2,3
	1,2,3,104
	1,2,3,11
	1,2,3,16
	1,2,3,11,16

	1,2,3,105
	1,2,3,126
	1,2,3,11,13
	1,2,3,11
Head width and tibia length inferred	1,2,3
	1,2,3,11
	1,2,3,11
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,19
	1,2,3,19
Head width and tibia length inferred	1,2,3
	1,2,3,106
Head width and tibia length inferred	1,2,3
	1,2,3,17
	1,2,3,17
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Tibia length inferred	1,2,3,116
Tibia length inferred	1,2,3,116
	1,2,3,18
Head width and tibia length inferred	1,2,3
	1,2,3,136
	1,2,3,136
	1,2,3,18
Head width and tibia length inferred	1,2,3
	1,2,3,107
Head width and tibia length inferred	1,2,3
	1,2,3,137
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,138
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,20
	1,2,3,108
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,139
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
Head width and tibia length inferred	1,2,3

Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,109
	1,2,3,110
	1,2,3,111
	1,2,3,4
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,112
	1,2,3,127
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,128
Tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,129
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,130
	1,2,3,112
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3
	1,2,3,4
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
	1,2,3,4

Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,113
	1,2,3,140
Head width and tibia length inferred	1,2,3
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
	1,2,3,4
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
Head width and tibia length inferred	1,2,3
	1,2,3,114
	1,2,3,4

community	prop_larva	prop_direc	bio1	bio2	bio3	bio4	bio5	bio6
amp001	0,468064	-0,46806	1,831426	1,16744	2,29929	-2,51048	2,246296	1,674246
amp002	0,468064	-0,46806	2,424735	-1,89109	2,837709	-2,95306	1,378473	3,134595
amp003	0,468064	-0,46806	2,391242	-1,87585	2,749498	-2,90698	1,378473	3,105961
amp004	0,468064	-0,46806	2,431114	-1,78948	2,722943	-2,89994	1,469823	3,105961
amp005	0,468064	-0,46806	0,520408	0,191962	2,911013	-2,68208	0,282277	1,244732
amp006	-0,13372	0,133724	0,48532	0,263091	2,952009	-2,64612	0,282277	1,216098
amp007	-0,51668	0,51668	0,598559	0,25801	2,942621	-2,68198	0,419302	1,302
amp008	-1,07939	1,079391	2,12489	-1,08835	2,460865	-2,27387	1,424148	2,590544
amp009	-1,07939	1,079391	2,104157	-1,22553	2,364647	-2,34653	1,332799	2,590544
amp010	0,468064	-0,46806	2,204636	-1,50496	2,258151	-2,43697	1,332799	2,733715
amp011	-0,88596	0,885959	2,13446	-1,57609	2,199507	-2,45006	1,195774	2,676446
amp012	-0,73551	0,735512	2,081828	-1,32714	2,240334	-2,37904	1,241449	2,561909
amp013	-2,23998	2,239981	2,030791	-1,08327	2,368522	-2,25212	1,287124	2,476006
amp014	-4,94803	4,948027	2,113727	-1,41859	2,243216	-2,41965	1,241449	2,619178
amp015	-4,94803	4,948027	2,107347	-1,26617	2,378683	-2,39094	1,287124	2,590544
amp016	-1,69837	1,698372	1,911172	-0,9969	2,252721	-2,08526	1,332799	2,418738
amp017	0,468064	-0,46806	1,762846	-0,9715	2,208205	-2,04831	1,195774	2,304201
amp018	0,468064	-0,46806	1,726162	-0,90545	2,153121	-2,01212	1,195774	2,246932
amp019	-0,88596	0,885959	1,911172	-0,9969	2,252721	-2,08526	1,332799	2,418738
amp020	-0,88596	0,885959	1,911172	-0,9969	2,252721	-2,08526	1,332799	2,418738
amp021	0,468064	-0,46806	2,006867	-0,9969	2,252721	-2,1048	1,469823	2,504641
amp022	0,468064	-0,46806	1,922337	-0,9715	2,208205	-2,06007	1,378473	2,418738
amp023	0,468064	-0,46806	1,922337	-0,9715	2,208205	-2,06007	1,378473	2,418738
amp024	0,468064	-0,46806	1,966995	-0,99182	2,165112	-2,08514	1,424148	2,447372
amp025	0,468064	-0,46806	1,900008	-0,92069	2,217838	-2,04976	1,378473	2,390104
amp026	0,468064	-0,46806	0,568256	-1,20013	1,448054	-1,64472	-0,08312	1,416538
amp027	-0,73551	0,735512	1,474166	-1,60658	1,507483	-1,92581	0,739026	2,218298
amp028	-2,23998	2,239981	1,611329	-1,39319	1,88631	-2,08768	0,876051	2,275567
amp029	0,034776	-0,03478	1,699049	-1,34746	1,887956	-2,05607	1,013075	2,332835
amp030	0,468064	-0,46806	1,68948	-1,36779	1,843022	-2,065	1,013075	2,332835
amp031	0,468064	-0,46806	1,544342	-1,65738	1,490943	-1,9619	0,784701	2,275567
amp032	0,468064	-0,46806	1,474166	-1,60658	1,507483	-1,92581	0,739026	2,218298
amp033	-0,11746	0,11746	1,638442	-1,67262	1,863856	-2,17001	0,739026	2,361469
amp034	-0,10205	0,102051	1,58262	-2,83608	1,100491	-2,15939	0,190928	2,590544
amp035	-0,08743	0,087433	1,77401	-1,87077	1,818542	-2,18189	0,784701	2,504641
amp036	-1,07939	1,079391	0,327423	-1,81488	1,038901	-1,65219	-0,53987	1,416538
amp037	-1,69837	1,698372	0,327423	-1,81488	1,038901	-1,65219	-0,53987	1,416538
amp038	-0,20895	0,208948	0,327423	-1,81488	1,038901	-1,65219	-0,53987	1,416538
amp039	-0,88596	0,885959	0,190261	-1,84536	1,064364	-1,64159	-0,72257	1,330635
amp040	-0,07355	0,073545	0,110515	-1,89617	1,043757	-1,66067	-0,85959	1,273366
amp041	0,034776	-0,03478	0,327423	-1,81488	1,038901	-1,65219	-0,53987	1,416538
amp042	-0,25408	0,254082	0,247678	-1,84536	0,970328	-1,64554	-0,63122	1,359269
amp043	0,468064	-0,46806	0,21578	-1,87585	0,995189	-1,66027	-0,72257	1,330635
amp044	0,468064	-0,46806	0,196641	-1,88601	0,972132	-1,64757	-0,72257	1,330635
amp045	-2,23998	2,239981	0,196641	-1,88601	0,972132	-1,64757	-0,72257	1,330635
amp046	0,468064	-0,46806	0,3976	-1,8352	0,993186	-1,65642	-0,44852	1,473806
amp047	-0,30566	0,305664	1,630468	-1,75899	1,872044	-2,15493	0,693351	2,390104
amp048	-0,33432	0,33432	1,593785	-1,49988	0,999688	-1,44525	1,104425	2,218298
amp049	0,129558	-0,12956	1,49171	-1,72343	0,965096	-1,50107	0,876051	2,218298

amp050	0,468064	-0,46806	1,402395	-1,7844	0,921878	-1,51787	0,739026	2,161029
amp051	0,468064	-0,46806	0,520408	-2,26706	1,055276	-1,8198	-0,63122	1,674246
amp052	0,468064	-0,46806	0,526788	-2,25689	1,080551	-1,82114	-0,63122	1,674246
amp053	-0,27898	0,278983	1,660771	-1,84536	0,697779	-1,51476	1,013075	2,304201
amp054	0,016723	-0,01672	1,716593	-2,50076	0,77762	-1,81237	0,647677	2,561909
amp055	-0,36518	0,365181	1,818667	-2,46012	0,777493	-1,81627	0,784701	2,619178
amp056	-0,88596	0,885959	1,888844	-2,8056	0,722664	-1,9622	0,693351	2,790984
amp057	-1,07939	1,079391	0,188666	-2,35851	-0,01468	-1,45782	-0,99662	1,187463
amp058	-1,17318	1,173176	0,092971	-2,37883	0,025305	-1,50096	-1,13364	1,130195
amp059	-0,80631	0,806311	0,565066	-2,53125	0,113592	-1,54214	-0,67689	1,559709
amp060	-0,51668	0,51668	1,419939	-2,79544	0,022867	-1,71542	0,236602	2,304201
amp061	-1,69837	1,698372	1,840997	-1,444	1,029591	-1,55257	1,424148	2,390104
amp062	-1,69837	1,698372	1,812288	-1,4948	1,098574	-1,56373	1,332799	2,390104
amp063	0,468064	-0,46806	1,821857	-1,63706	0,972709	-1,56627	1,287124	2,418738
amp064	0,468064	-0,46806	1,845781	-1,55069	0,980071	-1,56719	1,378473	2,418738
amp065	-0,88596	0,885959	1,797933	-1,58117	1,003575	-1,55412	1,287124	2,390104
amp066	-4,94803	4,948027	1,727758	-1,67262	0,985503	-1,59593	1,150099	2,361469
amp067	0,468064	-0,46806	1,756466	-1,66246	1,007592	-1,58141	1,195774	2,390104
amp068	0,468064	-0,46806	1,76444	-1,6777	0,974458	-1,58518	1,195774	2,390104
amp069	-1,3373	1,3373	1,750086	-1,67262	0,985503	-1,58483	1,195774	2,390104
amp070	0,468064	-0,46806	1,847376	-1,35254	1,132617	-1,51088	1,469823	2,390104
amp071	0,468064	-0,46806	-0,12234	0,237688	1,829807	-1,7458	-0,53987	0,328435
amp072	-1,69837	1,698372	1,640037	-2,60238	0,126225	-1,68998	0,556327	2,390104
amp073	0,468064	-0,46806	1,107336	-0,76319	0,541085	-1,11382	0,739026	1,302
amp074	-1,07939	1,079391	1,193461	-2,94786	0,12114	-1,72351	-0,08312	2,246932
amp075	-3,86481	3,864809	-0,3855	-2,4906	0,119619	-1,45855	-1,68174	0,90112
amp076	-3,86481	3,864809	1,277992	-3,00374	-0,02946	-1,75702	0,008228	2,304201
amp077	-2,62685	2,626845	0,349752	-2,65826	-0,10334	-1,52062	-0,85959	1,473806
amp078	-2,78159	2,78159	1,257258	-2,9885	0,011614	-1,76138	-0,03745	2,275567
amp079	-1,07939	1,079391	1,490115	-2,92754	0,175904	-1,81199	0,282277	2,476006
amp080	0,468064	-0,46806	-0,04579	-0,41263	1,011595	-1,2446	-0,63122	0,385703
amp081	0,468064	-0,46806	-0,08247	-0,35674	1,036234	-1,24019	-0,63122	0,357069
amp082	0,468064	-0,46806	-0,06812	-0,2907	1,077955	-1,24256	-0,58554	0,357069
amp083	0,468064	-0,46806	1,137639	-1,08327	0,464192	-1,16202	0,647677	1,445172
amp084	0,118638	-0,11864	0,174312	-2,07907	0,356717	-1,4432	-0,90527	1,158829
amp085	0,066872	-0,06687	1,140829	0,66446	1,321261	-1,55328	0,921725	0,757949
amp086	-0,33432	0,33432	1,21898	0,923571	1,387971	-1,38563	1,05875	0,70068
amp087	-0,51668	0,51668	1,035565	0,00398	0,748483	-2,06712	0,921725	0,958389
amp088	0,468064	-0,46806	0,652786	0,613654	1,374827	-1,81474	0,327952	0,442972
amp089	-1,3373	1,3373	-1,69652	0,628895	0,265589	-0,27889	-1,91011	-1,50416
amp090	-0,30566	0,305664	-1,59764	0,618734	0,251532	-0,26217	-1,77309	-1,41826
amp091	-1,69837	1,698372	-1,74756	0,578089	0,248774	-0,27163	-2,00146	-1,53279
amp092	-2,62685	2,626845	-1,43177	0,760991	0,234752	-0,21413	-1,49904	-1,36099
amp093	0,468064	-0,46806	-1,234	0,771153	0,144904	-0,16488	-1,17932	-1,21782
amp094	-0,20895	0,208948	-1,21326	0,816878	0,693178	-0,51479	-1,49904	-1,16055
amp095	0,183006	-0,18301	1,100956	1,106473	1,159622	-1,05916	1,104425	0,50024
amp096	-0,36518	0,365181	-0,39986	0,735588	-0,00376	-0,03607	-0,17447	-0,64513
amp097	-1,3373	1,3373	-0,39986	0,735588	-0,00376	-0,03607	-0,17447	-0,64513
amp098	-0,25408	0,254082	-1,64708	0,197043	0,43033	-0,62088	-2,22984	-1,30372
amp099	0,468064	-0,46806	-0,46046	0,522202	0,559017	-0,5467	-0,67689	-0,50196

amp100	-0,7699	0,7699	0,874479	-0,29578	0,722483	-1,06694	0,556327	0,929755
amp101	-0,69253	0,692527	0,514029	-0,65142	0,737787	-1,16657	0,008228	0,843852
amp102	0,051441	-0,05144	1,692669	-0,49392	0,592802	-1,07858	1,515498	1,616977
amp103	-0,73551	0,735512	0,008441	-0,90037	0,955088	-1,33189	-0,72257	0,643412
amp104	0,468064	-0,46806	0,407169	0,684782	0,793979	-0,87088	0,510652	0,242532
amp105	-0,13372	0,133724	0,901592	0,694943	0,750006	-0,79719	1,150099	0,614778
amp106	0,468064	-0,46806	0,419928	0,329139	0,060766	-0,22439	0,693351	0,242532
amp107	0,468064	-0,46806	0,437472	0,283413	0,049678	-0,21727	0,693351	0,271166
amp108	-0,47387	0,473865	-0,03143	1,116634	0,295681	0,028075	0,008228	-0,64513
amp109	-0,73551	0,735512	-0,19571	0,8372	0,391066	-0,13186	-0,40285	-0,64513
amp110	-1,85312	1,853118	-0,90385	0,227527	0,133148	-0,35031	-0,99662	-0,7024
amp111	-0,30566	0,305664	-0,04898	0,58317	0,884775	-0,83941	-0,22015	-0,10108
amp112	0,468064	-0,46806	-1,12554	0,232607	0,424699	-0,66178	-1,54472	-0,90284
amp113	-0,27898	0,278983	0,228539	0,827039	0,939851	-0,71639	0,190928	0,013457
amp114	-3,40057	3,400572	-0,68056	0,349461	0,30937	-0,50033	-0,90527	-0,64513
amp115	-1,4435	1,443498	-1,02187	0,227527	0,30161	-0,55792	-1,40769	-0,87421
amp116	-0,73551	0,735512	-1,0761	0,197043	0,371824	-0,61049	-1,49904	-0,87421
amp117	-2,23998	2,239981	-1,1064	0,17164	0,334056	-0,59523	-1,54472	-0,90284
amp118	0,468064	-0,46806	-0,37753	0,430751	0,204408	-0,40679	-0,44852	-0,47333
amp119	0,468064	-0,46806	-0,37753	0,430751	0,204408	-0,40679	-0,44852	-0,47333
amp120	0,468064	-0,46806	-0,34882	0,430751	0,259102	-0,47023	-0,40285	-0,41606
amp121	0,468064	-0,46806	-0,33447	0,476477	0,269046	-0,43438	-0,40285	-0,44469
amp122	-0,88596	0,885959	-1,21805	0,354542	0,43046	-0,27905	-1,81877	-1,16055
amp123	-0,16912	0,169123	-1,15744	0,405348	0,447104	-0,27369	-1,72741	-1,13191
amp124	-0,73551	0,735512	-1,21964	0,379945	0,410186	-0,25362	-1,77309	-1,16055
amp125	-0,16912	0,169123	-0,86398	0,537444	0,35523	-0,15072	-1,31634	-1,01738
amp126	-1,15676	1,156763	-1,7045	0,705104	0,317181	-0,30165	-1,91011	-1,53279
amp127	-0,61515	0,615154	-1,59764	0,618734	0,251532	-0,26217	-1,77309	-1,41826
amp128	-0,73551	0,735512	0,692659	0,771152	0,19644	-0,13541	1,241449	0,328435
amp129	0,468064	-0,46806	-0,59284	0,049705	0,096184	-0,31387	-0,76824	-0,44469
amp130	0,468064	-0,46806	-0,59284	0,049705	0,096184	-0,31387	-0,76824	-0,44469
amp131	0,468064	-0,46806	-0,5737	0,059866	0,055175	-0,31157	-0,72257	-0,44469
amp132	0,468064	-0,46806	-0,71246	0,044625	0,145217	-0,34633	-0,95094	-0,53059
amp133	-0,97623	0,976227	-0,67099	0,095431	0,107449	-0,28923	-0,85959	-0,53059
amp134	0,468064	-0,46806	-0,51469	-0,00618	0,069682	-0,30217	-0,67689	-0,35879
amp135	0,468064	-0,46806	-0,89747	0,024302	0,172025	-0,36295	-1,17932	-0,64513
amp136	-0,61515	0,615154	-1,4206	0,197043	0,313986	-0,45018	-1,81877	-1,10328
amp137	0,468064	-0,46806	-0,52586	-0,07223	0,027679	-0,33993	-0,67689	-0,33015
amp138	-10,3641	10,36412	-0,88631	0,039544	0,194816	-0,37642	-1,17932	-0,64513
amp139	-1,69837	1,698372	-0,92777	0,00906	0,206787	-0,42504	-1,22499	-0,64513
amp140	0,468064	-0,46806	-0,89747	0,024302	0,172025	-0,36295	-1,17932	-0,64513
amp141	-0,61515	0,615154	-0,87514	0,024302	0,172026	-0,39046	-1,13364	-0,6165
amp142	0,468064	-0,46806	0,766025	0,943893	0,071124	-0,0085	1,424148	0,242532
amp143	-0,25408	0,254082	0,507649	0,893087	0,054345	-0,01607	1,104425	0,070726
amp144	0,468064	-0,46806	0,569851	0,847362	0,044069	-0,01586	1,150099	0,127995
amp145	0,468064	-0,46806	0,536357	0,83212	0,024053	-0,00457	1,104425	0,09936
amp146	-0,88596	0,885959	0,657571	0,943893	0,071124	-0,00669	1,287124	0,156629
amp147	0,468064	-0,46806	0,569851	0,928652	0,05131	-0,01874	1,195774	0,09936
amp148	0,468064	-0,46806	0,499674	0,898168	0,011682	0,000469	1,104425	0,042092
amp149	-0,36518	0,365181	0,48851	0,862603	0,014518	-0,00079	1,05875	0,042092

amp150	0,468064	-0,46806	0,314664	0,796555	0,02698	-0,01364	0,830376	-0,04381
amp151	-0,46041	0,460409	-0,33287	0,542525	0,588387	-0,61327	-0,49419	-0,38742
amp152	-2,23998	2,239981	1,029185	0,379945	0,353424	-0,64384	1,332799	0,757949
amp153	-1,93909	1,939088	1,011641	0,435832	0,377614	-0,62439	1,332799	0,729315
amp154	-2,62685	2,626845	0,984528	0,359623	0,268088	-0,55859	1,287124	0,70068
amp155	-1,61505	1,615048	-1,58169	0,578089	0,357455	-0,36284	-1,86444	-1,38962
amp156	-1,3373	1,3373	-0,75233	0,303736	0,299428	-0,54422	-1,04229	-0,7024
amp157	-1,69837	1,698372	-0,68056	0,349461	0,30937	-0,50033	-0,90527	-0,64513
amp158	0,468064	-0,46806	-0,74117	0,3393	0,294684	-0,51426	-0,99662	-0,7024
amp159	-1,24228	1,242281	-0,70449	0,313897	0,257972	-0,48534	-0,95094	-0,67377
amp160	0,468064	-0,46806	-1,21964	0,25801	0,462466	-0,63001	-1,68174	-0,98874
amp161	-1,3373	1,3373	-1,05058	0,318978	0,494234	-0,652	-1,45337	-0,87421
amp162	0,468064	-0,46806	-1,22124	0,263091	0,411619	-0,61762	-1,68174	-1,01738
amp163	0,468064	-0,46806	-1,22124	0,263091	0,411619	-0,61762	-1,68174	-1,01738
amp164	0,468064	-0,46806	-1,2946	0,263091	0,47002	-0,63215	-1,77309	-1,04601
amp165	-3,14266	3,142663	-0,64866	0,329139	0,279999	-0,48694	-0,85959	-0,6165
amp166	-0,73551	0,735512	-0,38391	0,491718	0,457934	-0,55004	-0,49419	-0,41606
amp167	0,468064	-0,46806	-1,05377	0,379945	0,584359	-0,65197	-1,45337	-0,87421
amp168	0,468064	-0,46806	-1,39349	0,303736	0,589873	-0,72788	-1,91011	-1,10328
amp169	0,468064	-0,46806	-1,11597	0,263091	0,353884	-0,55196	-1,49904	-0,93147
amp170	0,468064	-0,46806	-1,04101	0,25801	0,346415	-0,53961	-1,40769	-0,87421
amp171	0,468064	-0,46806	-0,90863	0,263091	0,353884	-0,52978	-1,27067	-0,7883
amp172	0,468064	-0,46806	-0,74117	0,3393	0,294684	-0,51426	-0,99662	-0,7024
amp173	-3,86481	3,864809	0,002062	0,725427	1,095065	-0,96329	-0,1288	-0,04381
amp174	0,468064	-0,46806	-0,02186	0,760991	1,147638	-0,97668	-0,17447	-0,07245
amp175	-1,69837	1,698372	0,126464	0,816878	1,167865	-0,95796	0,053903	0,042092
amp176	0,468064	-0,46806	-0,06812	0,613654	1,116112	-1,01638	-0,26582	-0,04381
amp177	0,468064	-0,46806	-0,01389	0,66446	1,129275	-0,99293	-0,17447	-0,01518
amp178	0,468064	-0,46806	-0,12075	0,700024	1,119625	-0,99013	-0,3115	-0,12971
amp179	-2,23998	2,239981	-0,87514	0,623815	0,421743	-0,13131	-1,31634	-1,04601
amp180	0,468064	-0,46806	-0,73957	-0,16368	0,17786	-0,53784	-1,04229	-0,41606
amp181	-0,04775	0,047755	1,116906	-0,01126	0,293	-0,72299	1,332799	1,015658
amp182	-0,36518	0,365181	1,019616	-0,14844	0,260918	-0,70911	1,150099	0,987023
amp183	0,468064	-0,46806	1,295536	-0,83432	-0,04617	-0,76966	1,241449	1,416538
amp184	-0,18843	0,188432	0,847365	-0,8394	-0,179	-0,65318	0,739026	1,044292
amp185	0,106991	-0,10699	-0,39188	-0,65142	0,007628	-0,6459	-0,76824	0,042092
amp186	-0,63726	0,637261	1,142424	-0,20433	0,355887	-0,81546	1,287124	1,158829
amp187	-0,51668	0,51668	-0,53542	-0,42787	0,185003	-0,67047	-0,90527	-0,12971
amp188	-0,73551	0,735512	-0,34882	-0,51424	0,10745	-0,65273	-0,67689	0,042092
amp189	-1,50142	1,501424	0,148794	-0,63618	0,032583	-0,67864	-0,08312	0,471606
amp190	-1,02603	1,02603	-2,38871	-0,16368	0,17786	-0,53649	-3,05198	-1,67597
amp191	-2,23998	2,239981	-0,08247	-0,07223	0,259102	-0,65904	-0,17447	0,09936
amp192	-1,03641	1,036406	0,088186	-0,7886	-0,15625	-0,65046	-0,17447	0,442972
amp193	0,468064	-0,46806	1,274802	-1,16456	-0,2939	-0,70098	1,104425	1,473806
amp194	-0,67217	0,672166	-0,16381	-0,54473	0,058163	-0,65315	-0,44852	0,185263
amp195	0,468064	-0,46806	0,970173	-1,23061	-0,71187	-0,3689	1,013075	1,273366
amp196	-1,69837	1,698372	0,917542	-0,35166	0,004521	-0,51502	1,150099	1,015658
amp197	-0,39851	0,398511	0,277981	0,080189	0,085046	-0,41015	0,510652	0,328435
amp198	-1,3373	1,3373	1,094577	-0,27545	0,123285	-0,62211	1,378473	1,158829
amp199	-4,94803	4,948027	1,041944	-0,42279	0,193166	-0,69726	1,195774	1,187463

amp200	0,468064	-0,46806	0,804303	-0,38723	-0,10898	-0,47098	1,013075	0,90112
amp201	-1,38133	1,381333	0,85853	-0,09255	0,1693	-0,54697	1,150099	0,90112
amp202	-3,26717	3,267171	-1,44293	-0,51424	-0,63328	-0,03629	-1,77309	-1,01738
amp203	-0,84493	0,844928	0,040339	0,156398	-0,28685	-0,01859	0,282277	-0,07245
amp204	-2,86491	2,864915	-2,87197	-0,30086	-0,25934	-0,35643	-3,50873	-2,07685
amp205	-2,71787	2,717872	-0,61358	-0,14844	-0,251	-0,23305	-0,63122	-0,38742
amp206	0,468064	-0,46806	1,151994	0,242769	0,045728	-0,34727	1,652522	0,90112
amp207	0,468064	-0,46806	1,027591	-2,09431	-1,22126	-0,43495	0,739026	1,588344
amp208	-1,00905	1,009052	0,545927	-1,01722	-0,5913	-0,39902	0,556327	0,872486
amp209	-1,07939	1,079391	0,789948	-0,03667	0,080858	-0,45745	1,104425	0,786583
amp210	-0,79149	0,791492	0,574635	0,110672	-0,0897	-0,28508	0,9674	0,50024
amp211	0,468064	-0,46806	1,099362	-0,9715	-0,21469	-0,68127	1,150099	1,387903
amp212	0,468064	-0,46806	1,284371	-0,37199	0,031777	-0,62199	1,606847	1,330635
amp213	-0,73551	0,735512	0,923921	-0,33134	-0,02241	-0,58307	1,195774	1,015658
amp214	-0,79149	0,791492	0,679899	0,100511	-0,05042	-0,31223	1,104425	0,614778
amp215	-1,78864	1,788641	0,144008	-0,24497	-0,11929	-0,3886	0,236602	0,2998
amp216	-0,51668	0,51668	0,789948	-0,03667	0,080858	-0,45745	1,104425	0,786583
amp217	-0,47387	0,473865	0,630457	0,034463	0,187221	-0,52007	0,921725	0,672046
amp218	-0,64293	0,642929	0,903187	-0,41771	-0,38062	-0,24397	1,195774	0,90112
amp219	0,468064	-0,46806	1,136045	-1,10868	-0,38542	-0,59142	1,150099	1,416538
amp220	-3,40057	3,400572	-1,44293	-0,51424	-0,63328	-0,03629	-1,77309	-1,01738
amp221	-6,30205	6,302049	-2,00753	-0,54473	-0,46416	-0,16403	-2,54956	-1,38962
amp222	-0,51668	0,51668	1,180702	-0,38723	0,067378	-0,6295	1,469823	1,273366
amp223	-0,88596	0,885959	-0,81294	-0,83432	-1,16155	0,681298	-0,99662	-0,55923
amp224	0,468064	-0,46806	-0,71405	-0,95626	-0,49148	-0,13119	-1,31634	-0,30152
amp225	-0,85833	0,858326	-1,16542	-1,14424	-1,02027	0,310272	-1,68174	-0,64513
amp226	0,016723	-0,01672	0,142414	-0,60569	0,272799	-0,87885	-0,63122	0,213897
amp227	0,09454	-0,09454	-1,20369	-0,5244	-1,23884	1,058563	-1,22499	-1,01738
amp228	-0,02431	0,024308	-0,71405	-0,60061	-1,3454	1,087977	-0,63122	-0,64513
amp229	-0,54745	0,547453	-0,72362	-0,6819	-1,45908	1,180628	-0,63122	-0,64513
amp230	-1,07939	1,079391	0,687874	-0,77844	-1,50492	1,115413	1,05875	0,471606
amp231	0,468064	-0,46806	0,496484	-0,63618	-1,39514	1,171253	0,876051	0,2998
amp232	-0,20895	0,208948	-0,49874	-0,59553	-1,42826	1,274198	-0,3115	-0,50196
amp233	0,468064	-0,46806	0,182287	0,730508	0,039701	0,452047	0,464977	-0,21562
amp234	0,468064	-0,46806	0,132844	0,725427	0,083615	0,417413	0,373627	-0,24425
amp235	0,468064	-0,46806	0,120085	0,766072	0,138094	0,420452	0,373627	-0,24425
amp236	0,468064	-0,46806	0,199831	0,786394	0,114225	0,443402	0,464977	-0,21562
amp237	0,468064	-0,46806	0,190261	0,816878	0,154874	0,407054	0,464977	-0,21562
amp238	0,468064	-0,46806	0,155173	0,806716	0,141323	0,421879	0,419302	-0,24425
amp239	0,468064	-0,46806	0,21578	0,766072	0,087125	0,474925	0,510652	-0,18698
amp240	0,468064	-0,46806	0,182287	0,730508	0,039701	0,452047	0,464977	-0,21562
amp241	0,468064	-0,46806	0,182287	0,730508	0,039701	0,452047	0,464977	-0,21562
amp242	0,468064	-0,46806	0,199831	0,786394	0,114225	0,443402	0,464977	-0,21562
amp243	0,468064	-0,46806	0,190261	0,816878	0,154874	0,407054	0,464977	-0,21562
amp244	0,468064	-0,46806	0,140819	0,740669	0,104044	0,411345	0,419302	-0,21562
amp245	0,468064	-0,46806	0,140819	0,740669	0,104044	0,411345	0,419302	-0,21562
amp246	0,468064	-0,46806	-0,41581	0,268171	0,028013	0,097688	-0,40285	-0,41606
amp247	-2,23998	2,239981	-0,41581	0,268171	0,028013	0,097688	-0,40285	-0,41606
amp248	0,468064	-0,46806	-0,3536	0,232607	0,031204	0,08252	-0,35717	-0,35879
amp249	-4,94803	4,948027	-0,34882	0,115753	-0,02839	0,08789	-0,40285	-0,33015

amp250	0,468064	-0,46806	-0,32649	0,146237	-0,03859	0,112474	-0,35717	-0,33015
amp251	0,468064	-0,46806	-0,27386	0,100511	-0,05042	0,092503	-0,3115	-0,27289
amp252	-1,69837	1,698372	-0,25313	0,136076	-0,05319	0,106875	-0,26582	-0,27289
amp253	-2,23998	2,239981	-0,26748	0,191963	-0,02689	0,113275	-0,26582	-0,30152
amp254	-1,69837	1,698372	-0,18773	0,191962	-0,02689	0,128879	-0,17447	-0,24425
amp255	0,468064	-0,46806	-0,44611	0,222446	0,07094	0,075522	-0,49419	-0,41606
amp256	0,468064	-0,46806	-0,3233	0,197043	0,089093	0,048897	-0,35717	-0,30152
amp257	0,468064	-0,46806	-0,29619	0,161479	0,037695	0,054053	-0,3115	-0,27289
amp258	0,468064	-0,46806	-0,42378	0,191962	0,027131	0,092258	-0,44852	-0,38742
amp259	0,468064	-0,46806	-0,26748	0,191963	-0,02689	0,113275	-0,26582	-0,30152
amp260	0,468064	-0,46806	-0,15743	0,186882	-0,03415	0,11831	-0,1288	-0,21562
amp261	0,468064	-0,46806	-0,15743	0,186882	-0,03415	0,11831	-0,1288	-0,21562
amp262	0,468064	-0,46806	-0,23239	0,151317	-0,03128	0,114593	-0,22015	-0,24425
amp263	0,468064	-0,46806	-0,17178	0,161478	-0,01668	0,115619	-0,17447	-0,21562
amp264	0,468064	-0,46806	-0,17178	0,161478	-0,01668	0,115619	-0,17447	-0,21562
amp265	0,468064	-0,46806	-0,17178	0,161478	-0,01668	0,115619	-0,17447	-0,21562
amp266	0,468064	-0,46806	-0,30257	0,212285	0,002159	0,126542	-0,3115	-0,33015
amp267	0,468064	-0,46806	-0,30257	0,212285	0,002159	0,126542	-0,3115	-0,33015
amp268	0,468064	-0,46806	0,065858	1,040425	0,559245	0,050189	0,327952	-0,24425
amp269	0,468064	-0,46806	0,092971	1,045506	0,566092	0,069054	0,327952	-0,24425
amp270	0,468064	-0,46806	0,092971	1,045506	0,566092	0,069054	0,327952	-0,24425
amp271	0,468064	-0,46806	0,069048	1,040425	0,559247	0,045246	0,327952	-0,24425
amp272	0,468064	-0,46806	0,025985	0,954054	0,550168	-0,00744	0,236602	-0,24425
amp273	0,468064	-0,46806	0,067453	1,035344	0,552401	0,047501	0,327952	-0,24425
amp274	0,468064	-0,46806	0,046719	0,948974	0,54325	0,014876	0,236602	-0,24425
amp275	0,468064	-0,46806	0,033959	0,938813	0,529415	0,013573	0,236602	-0,24425
amp276	0,468064	-0,46806	0,045124	0,933732	0,522498	-0,00532	0,236602	-0,24425
amp277	0,468064	-0,46806	0,091376	0,948974	0,54325	-0,01647	0,282277	-0,21562
amp278	0,468064	-0,46806	0,061073	1,025183	0,592577	0,038945	0,282277	-0,24425
amp279	0,468064	-0,46806	0,061073	1,025183	0,592577	0,038945	0,282277	-0,24425
amp280	0,468064	-0,46806	0,075427	1,040425	0,559247	0,033097	0,327952	-0,24425
amp281	0,468064	-0,46806	0,067453	1,025183	0,53871	0,04034	0,327952	-0,24425
amp282	0,468064	-0,46806	0,075427	1,040425	0,559247	0,033097	0,327952	-0,24425
amp283	0,468064	-0,46806	0,080212	1,055667	0,579782	0,016173	0,327952	-0,24425
amp284	0,468064	-0,46806	0,069048	1,040425	0,559247	0,045246	0,327952	-0,24425
amp285	0,468064	-0,46806	0,107326	1,060748	0,53307	0,074072	0,373627	-0,24425
amp286	0,468064	-0,46806	0,107326	1,060748	0,53307	0,074072	0,373627	-0,24425
amp287	0,468064	-0,46806	0,067453	1,035344	0,552401	0,047501	0,327952	-0,24425
amp288	0,468064	-0,46806	0,067453	1,035344	0,552401	0,047501	0,327952	-0,24425
amp289	0,468064	-0,46806	0,067453	1,035344	0,552401	0,047501	0,327952	-0,24425
amp290	0,468064	-0,46806	0,01801	0,959135	0,503121	-0,00117	0,236602	-0,27289
amp291	0,468064	-0,46806	0,01801	0,959135	0,503121	-0,00117	0,236602	-0,27289
amp292	0,468064	-0,46806	0,033959	0,938813	0,529415	0,013573	0,236602	-0,24425
amp293	0,468064	-0,46806	0,091376	0,948974	0,54325	-0,01647	0,282277	-0,21562
amp294	0,468064	-0,46806	-0,00272	0,954055	0,550167	0,017274	0,190928	-0,27289
amp295	0,468064	-0,46806	0,067453	1,025183	0,53871	0,04034	0,327952	-0,24425
amp296	0,468064	-0,46806	0,075427	1,040425	0,559247	0,033097	0,327952	-0,24425
amp297	0,468064	-0,46806	0,086592	1,065828	0,593473	0,04034	0,327952	-0,24425
amp298	0,468064	-0,46806	0,448637	0,766072	0,793654	-0,35402	0,510652	0,185263
amp299	0,468064	-0,46806	0,549117	0,811798	0,800715	-0,30933	0,647677	0,242532

amp300	0,468064	-0,46806	0,529977	0,791475	0,829961	-0,31705	0,602002	0,242532
amp301	0,468064	-0,46806	0,48213	0,760992	0,786392	-0,33816	0,556327	0,213897
amp302	0,468064	-0,46806	0,529977	0,791475	0,829961	-0,31705	0,602002	0,242532
amp303	0,468064	-0,46806	0,48213	0,760992	0,786392	-0,33816	0,556327	0,213897
amp304	0,468064	-0,46806	0,557091	0,796555	0,779051	-0,28241	0,647677	0,242532
amp305	0,468064	-0,46806	0,549117	0,811798	0,800715	-0,30933	0,647677	0,242532
amp306	0,468064	-0,46806	0,507649	0,771153	0,742944	-0,30256	0,602002	0,213897
amp307	0,468064	-0,46806	0,48213	0,760992	0,786392	-0,33816	0,556327	0,213897
amp308	0,468064	-0,46806	0,507649	0,771153	0,742944	-0,30256	0,602002	0,213897
amp309	0,468064	-0,46806	0,549117	0,811798	0,800715	-0,30933	0,647677	0,242532
amp310	0,468064	-0,46806	0,48213	0,760992	0,786392	-0,33816	0,556327	0,213897
amp311	0,468064	-0,46806	0,549117	0,811798	0,800715	-0,30933	0,647677	0,242532
amp312	0,468064	-0,46806	0,549117	0,811798	0,800715	-0,30933	0,647677	0,242532
amp313	0,468064	-0,46806	0,557091	0,796555	0,779051	-0,28241	0,647677	0,242532
amp314	0,468064	-0,46806	0,557091	0,796555	0,779051	-0,28241	0,647677	0,242532
amp315	-0,61515	0,615154	-0,15265	-0,16368	0,061061	-0,12895	-0,53987	-0,15835
amp316	0,468064	-0,46806	0,166338	0,120833	0,088885	0,06678	-0,08312	-0,07245
amp317	0,468064	-0,46806	0,110515	0,014141	0,099896	-0,01117	-0,17447	-0,04381
amp318	-2,23998	2,239981	-0,64228	-0,33134	-0,82413	0,654044	-0,63122	-0,55923
amp319	0,468064	-0,46806	0,561876	0,760992	0,503159	-0,20498	0,464977	0,013457
amp320	0,468064	-0,46806	0,601749	0,796555	0,497527	-0,17134	0,556327	0,042092
amp321	0,468064	-0,46806	0,418334	0,628895	0,484509	-0,29487	0,236602	-0,04381
amp322	0,468064	-0,46806	0,499674	0,735588	0,467826	-0,1765	0,373627	-0,04381
amp323	0,468064	-0,46806	0,204615	0,476477	0,492933	-0,35907	-0,08312	-0,12971
amp324	0,468064	-0,46806	0,691064	-1,25601	-1,50415	0,69517	0,739026	0,70068
amp325	0,468064	-0,46806	0,718177	-1,23061	-1,51406	0,710051	0,784701	0,70068
amp326	0,468064	-0,46806	0,801113	-1,23061	-1,51406	0,690903	0,876051	0,757949
amp327	0,468064	-0,46806	0,662355	-1,23569	-1,52184	0,708506	0,693351	0,643412
amp328	0,468064	-0,46806	0,600154	-1,24077	-1,52962	0,713617	0,647677	0,614778
amp329	0,468064	-0,46806	0,600154	-1,24077	-1,52962	0,713617	0,647677	0,614778
amp330	0,468064	-0,46806	0,691064	-1,25601	-1,50415	0,69517	0,739026	0,70068
amp331	0,468064	-0,46806	0,557091	0,796555	0,779051	-0,28241	0,647677	0,242532
amp332	-0,07355	0,073545	-0,05376	0,801636	0,237512	0,288472	0,145253	-0,35879
amp333	0,468064	-0,46806	-0,04738	0,700024	0,152178	0,315104	0,145253	-0,33015
amp334	0,468064	-0,46806	0,472561	0,801636	0,67175	-0,21893	0,556327	0,127995
amp335	0,468064	-0,46806	0,426309	0,928652	0,624788	-0,04026	0,602002	0,042092
amp336	0,468064	-0,46806	0,3035	0,862603	0,644483	-0,11975	0,464977	0,013457
amp337	0,468064	-0,46806	0,12168	0,740669	0,155367	0,314267	0,373627	-0,21562
amp338	0,468064	-0,46806	-0,10799	0,659378	0,148954	0,266422	0,053903	-0,35879
amp339	0,468064	-0,46806	-0,09363	0,715266	0,225046	0,260967	0,053903	-0,35879
amp340	0,468064	-0,46806	0,139224	0,715266	0,12114	0,313971	0,373627	-0,21562
amp341	0,468064	-0,46806	0,139224	0,715266	0,12114	0,313971	0,373627	-0,21562
amp342	0,468064	-0,46806	0,139224	0,715266	0,12114	0,313971	0,373627	-0,21562
amp343	0,468064	-0,46806	-0,06014	0,567928	0,076156	0,257097	0,099578	-0,30152
amp344	0,468064	-0,46806	0,084997	0,776233	0,151714	0,33348	0,327952	-0,27289
amp345	0,468064	-0,46806	0,139224	0,715266	0,12114	0,313971	0,373627	-0,21562
amp346	-1,07939	1,079391	0,139224	0,715266	0,12114	0,313971	0,373627	-0,21562
amp347	0,468064	-0,46806	0,139224	0,715266	0,12114	0,313971	0,373627	-0,21562
amp348	-0,51668	0,51668	-0,1032	0,684782	0,183541	0,263581	0,053903	-0,35879
amp349	-0,16912	0,169123	-0,1032	0,684782	0,183541	0,263581	0,053903	-0,35879

amp350	0,468064	-0,46806	0,037149	0,715266	0,172821	0,295888	0,236602	-0,27289
amp351	0,468064	-0,46806	-0,08406	0,633976	0,114366	0,284569	0,099578	-0,33015
amp352	-2,08068	2,080685	-0,84005	-1,36779	-1,16528	0,219923	-1,36202	-0,33015
amp353	-3,14266	3,142663	-1,24197	-1,17472	-0,79248	-0,02846	-1,91011	-0,64513
amp354	-2,42052	2,420518	-1,03144	-0,60569	-1,21409	0,924302	-1,08797	-0,84557
amp355	-3,52274	3,52274	-1,21964	-1,03247	-0,6737	0,024759	-1,81877	-0,64513
amp356	-2,95262	2,952625	-1,2021	-0,97658	-0,64007	0,011963	-1,81877	-0,67377
amp357	-3,14266	3,142663	-0,60241	-0,17384	-0,93914	0,889085	-0,44852	-0,64513
amp358	-1,26509	1,265085	-0,5737	-0,96642	-0,73631	-0,03582	-1,08797	-0,27289
amp359	0,468064	-0,46806	-0,33447	-0,499	-0,22509	0,034063	-0,72257	-0,15835
amp360	0,468064	-0,46806	-1,02985	-0,88513	-0,37502	-0,21397	-1,68174	-0,53059
amp361	0,468064	-0,46806	-1,35202	-0,79368	-0,28519	-0,17577	-2,09281	-0,81694
amp362	0,468064	-0,46806	-1,28503	-0,76319	-0,2356	-0,19257	-2,00146	-0,75967
amp363	0,468064	-0,46806	-1,25792	-0,74795	-0,27042	-0,16774	-1,95579	-0,75967
amp364	0,468064	-0,46806	-1,35202	-0,79368	-0,28519	-0,17577	-2,09281	-0,81694
amp365	0,468064	-0,46806	-1,34086	-0,81908	-0,26688	-0,20346	-2,09281	-0,7883
amp366	0,468064	-0,46806	-1,13192	-0,75303	-0,27863	-0,1764	-1,77309	-0,64513
amp367	0,468064	-0,46806	-1,27227	-0,83432	-0,29184	-0,19146	-2,00146	-0,73103
amp368	0,468064	-0,46806	-1,13192	-0,75303	-0,27863	-0,1764	-1,77309	-0,64513
amp369	0,468064	-0,46806	-0,85441	-0,83432	-0,35132	-0,20084	-1,45337	-0,41606
amp370	0,468064	-0,46806	0,20302	0,359622	0,21274	0,048227	0,236602	0,013457
amp371	0,468064	-0,46806	1,153589	0,99978	0,835271	-0,69103	1,195774	0,471606
amp372	0,468064	-0,46806	1,196651	1,035344	0,884734	-0,68898	1,241449	0,50024
amp373	0,468064	-0,46806	1,274802	1,060748	0,920066	-0,71744	1,378473	0,586143
amp374	0,468064	-0,46806	1,204626	1,020102	0,863536	-0,66089	1,241449	0,50024
amp375	0,468064	-0,46806	1,204626	1,020102	0,863536	-0,66089	1,241449	0,50024
amp376	0,468064	-0,46806	1,204626	1,050586	0,905932	-0,69496	1,241449	0,50024
amp377	0,468064	-0,46806	1,277992	0,908329	0,879521	-0,74997	1,287124	0,614778
amp378	0,468064	-0,46806	1,287562	0,99978	0,950327	-0,73642	1,332799	0,614778
amp379	0,468064	-0,46806	1,204626	1,020102	0,863536	-0,66089	1,241449	0,50024
amp380	0,468064	-0,46806	1,257258	1,045506	0,898867	-0,69825	1,332799	0,557509
amp381	0,468064	-0,46806	1,274802	1,060748	0,920066	-0,71744	1,378473	0,586143
amp382	0,468064	-0,46806	1,254068	1,065828	0,870035	-0,68954	1,332799	0,528875
amp383	0,468064	-0,46806	1,277992	0,908329	0,879521	-0,74997	1,287124	0,614778
amp384	0,468064	-0,46806	0,904782	0,938813	0,86461	-0,3484	0,784701	0,271166
amp385	0,468064	-0,46806	0,856934	0,938813	0,86461	-0,35729	0,739026	0,242532
amp386	0,468064	-0,46806	0,856934	0,938813	0,86461	-0,35729	0,739026	0,242532
amp387	0,468064	-0,46806	0,829821	0,903248	0,757504	-0,25699	0,739026	0,213897
amp388	0,468064	-0,46806	0,93668	0,979458	0,750551	-0,28092	0,876051	0,242532
amp389	0,468064	-0,46806	0,966984	0,974377	0,743524	-0,28508	0,921725	0,271166
amp390	0,468064	-0,46806	0,871289	0,923571	0,785922	-0,2797	0,784701	0,242532
amp391	0,468064	-0,46806	0,466181	0,58825	0,65447	-0,37938	0,282277	0,09936
amp392	0,468064	-0,46806	0,49808	0,618734	0,640479	-0,36351	0,327952	0,09936
amp393	0,468064	-0,46806	0,986123	0,933732	0,915432	-0,68366	0,921725	0,385703
amp394	0,468064	-0,46806	0,976554	0,933732	0,974032	-0,67907	0,876051	0,385703
amp395	0,468064	-0,46806	0,995692	0,943893	0,929796	-0,66755	0,921725	0,385703
amp396	0,468064	-0,46806	1,161563	1,157279	0,939385	-0,65722	1,241449	0,442972
amp397	0,468064	-0,46806	1,161563	1,157279	0,939385	-0,65722	1,241449	0,442972
amp398	0,468064	-0,46806	1,20941	1,177601	0,910643	-0,67895	1,332799	0,471606
amp399	0,468064	-0,46806	0,721367	0,700024	0,875366	-0,51117	0,510652	0,271166

amp400	0,468064	-0,46806	0,721367	0,700024	0,875366	-0,51117	0,510652	0,271166
amp401	0,468064	-0,46806	0,695849	0,720346	0,845377	-0,50572	0,510652	0,242532
amp402	0,468064	-0,46806	1,158373	1,004861	0,842337	-0,68421	1,195774	0,471606
amp403	0,468064	-0,46806	1,276397	0,933732	0,915431	-0,74393	1,287124	0,614778
amp404	0,468064	-0,46806	1,276397	0,933732	0,915431	-0,74393	1,287124	0,614778
amp405	0,468064	-0,46806	1,276397	0,933732	0,915431	-0,74393	1,287124	0,614778
amp406	0,468064	-0,46806	1,257258	1,045506	0,898867	-0,69825	1,332799	0,557509
amp407	0,468064	-0,46806	1,233334	1,020102	0,863536	-0,68971	1,287124	0,528875
amp408	0,468064	-0,46806	1,204626	1,050586	0,905932	-0,69496	1,241449	0,50024
amp409	0,468064	-0,46806	1,276397	0,933732	0,915431	-0,74393	1,287124	0,614778
amp410	0,468064	-0,46806	1,287562	0,99978	0,950327	-0,73642	1,332799	0,614778
amp411	0,468064	-0,46806	1,233334	1,020102	0,863536	-0,68971	1,287124	0,528875
amp412	0,468064	-0,46806	1,277992	0,908329	0,879521	-0,74997	1,287124	0,614778
amp413	0,468064	-0,46806	1,287562	0,99978	0,950327	-0,73642	1,332799	0,614778
amp414	-0,51668	0,51668	-1,07132	-1,6269	-1,32284	0,164828	-1,72741	-0,41606
amp415	-0,32453	0,324535	0,531573	-1,87585	-1,74376	0,08789	0,236602	0,815218
amp416	-0,34435	0,34435	-1,29141	-0,38723	-0,95191	0,233976	-1,40769	-1,07465
amp417	0,468064	-0,46806	0,129654	0,136076	0,111162	0,07459	-0,1288	-0,10108
amp418	0,468064	-0,46806	0,03077	0,064947	0,175431	0,005219	-0,26582	-0,10108
amp419	0,468064	-0,46806	0,260437	0,593331	0,324134	-0,03568	0,099578	-0,18698
amp420	0,468064	-0,46806	0,070643	0,25293	0,114751	0,096921	-0,1288	-0,18698
amp421	0,468064	-0,46806	0,033959	0,451074	0,343446	0,006198	-0,22015	-0,27289
amp422	0,468064	-0,46806	-0,07449	0,349462	0,253485	-0,00859	-0,3115	-0,30152
amp423	0,034776	-0,03478	-0,90066	-1,25601	-1,78849	1,03343	-0,99662	-0,55923
amp424	0,468064	-0,46806	-0,20209	0,684782	0,029135	0,507198	0,053903	-0,44469
amp425	0,468064	-0,46806	-0,90385	-1,63198	-1,33143	0,075774	-1,59039	-0,33015
amp426	0,468064	-0,46806	-1,00592	-1,58117	-1,30075	0,106973	-1,68174	-0,41606
amp427	0,468064	-0,46806	-1,10959	-1,54561	-1,2959	0,093584	-1,77309	-0,50196
amp428	0,468064	-0,46806	-0,88949	-1,58625	-1,30928	0,095351	-1,54472	-0,33015
amp429	0,468064	-0,46806	-0,97722	-1,62182	-1,36903	0,109688	-1,63606	-0,38742
amp430	0,468064	-0,46806	-0,9501	-1,63706	-1,34002	0,097266	-1,63606	-0,35879
amp431	0,468064	-0,46806	-1,00592	-1,58117	-1,30075	0,106973	-1,68174	-0,41606
amp432	0,468064	-0,46806	-0,88949	-1,58625	-1,30928	0,095351	-1,54472	-0,33015
amp433	0,468064	-0,46806	-1,00592	-1,58117	-1,30075	0,106973	-1,68174	-0,41606
amp434	0,468064	-0,46806	-1,00592	-1,58117	-1,30075	0,106973	-1,68174	-0,41606
amp435	0,468064	-0,46806	-1,18934	-1,22045	-1,34939	0,232127	-1,63606	-0,73103
amp436	0,468064	-0,46806	0,821847	-2,04859	-2,23237	0,745903	0,739026	1,015658
amp437	0,468064	-0,46806	0,75805	-2,12988	-1,91731	0,29243	0,419302	1,072926
amp438	0,468064	-0,46806	-1,01868	-0,66666	-1,30075	0,960665	-1,04229	-0,81694
amp439	-1,61505	1,615048	-0,75712	-0,94101	-0,46652	-0,13707	-1,27067	-0,27289
amp440	-1,56297	1,56297	-1,84804	0,776233	-0,81994	0,552426	-1,49904	-2,01958
amp441	0,118638	-0,11864	-0,10639	0,349462	0,143557	0,016379	-0,03745	-0,18698
amp442	-0,04775	0,047755	0,781974	-2,09431	-1,85515	0,04422	0,419302	1,072926
amp443	-0,27898	0,278983	0,872884	-1,87585	-1,58364	0,145228	0,556327	1,10156
amp444	-0,10205	0,102051	0,675115	-2,00794	-2,06753	0,670243	0,464977	0,90112
amp445	-0,43462	0,434618	0,860125	-0,92069	-0,98782	-0,08464	1,013075	0,872486
amp446	0,468064	-0,46806	-0,02346	0,776233	0,636034	-0,17935	0,053903	-0,18698
amp447	0,468064	-0,46806	-0,03303	0,633976	0,547963	-0,2125	0,008228	-0,15835
amp448	0,468064	-0,46806	0,02439	0,908329	0,596823	-0,14195	0,190928	-0,21562
amp449	0,468064	-0,46806	-0,01389	0,613654	0,575811	-0,21058	0,008228	-0,12971

amp450	0,468064	-0,46806	0,067453	1,035344	0,552401	0,047501	0,327952	-0,24425
amp451	0,468064	-0,46806	0,244488	0,461235	0,528326	-0,26794	0,190928	0,070726
amp452	0,468064	-0,46806	-0,08406	0,491718	0,290592	0,018157	-0,1288	-0,27289
amp453	0,468064	-0,46806	0,995692	0,313897	0,726177	-0,93134	0,784701	0,643412
amp454	0,468064	-0,46806	-0,29938	-0,59045	-0,3676	0,024928	-0,63122	-0,10108
amp455	0,468064	-0,46806	0,844175	1,040425	0,77859	-0,26195	0,830376	0,185263
amp456	0,468064	-0,46806	1,254068	1,065828	0,870035	-0,68954	1,332799	0,528875
amp457	-0,69253	0,692527	-1,70769	-0,53457	-0,5574	0,027532	-2,22984	-1,24645
amp458	0,468064	-0,46806	0,906377	0,83212	0,226624	0,288379	1,195774	0,271166
amp459	0,468064	-0,46806	0,821847	0,776233	0,255396	0,213519	1,013075	0,213897
amp460	0,468064	-0,46806	0,769214	0,75083	0,273469	0,205094	0,921725	0,185263
amp461	0,468064	-0,46806	0,860125	0,796556	0,282921	0,240449	1,05875	0,242532
amp462	0,468064	-0,46806	0,804303	0,821959	0,264894	0,252568	1,013075	0,185263
amp463	0,468064	-0,46806	0,826631	0,821959	0,264893	0,273848	1,05875	0,213897
amp464	0,468064	-0,46806	0,778784	0,791475	0,328808	0,237626	0,921725	0,185263
amp465	-0,70298	0,702983	-0,99795	-0,9461	-0,92184	0,330279	-1,40769	-0,58786
amp466	0,468064	-0,46806	1,051514	1,020102	0,920906	-0,69219	1,05875	0,414338
amp467	0,468064	-0,46806	0,182287	0,730508	0,039701	0,452047	0,464977	-0,21562
amp468	0,468064	-0,46806	0,246083	0,811798	0,148098	0,430794	0,556327	-0,15835
amp469	0,468064	-0,46806	0,271602	0,872765	0,17822	0,445381	0,602002	-0,15835
amp470	0,468064	-0,46806	0,233324	0,801636	0,134549	0,413752	0,556327	-0,15835
amp471	0,468064	-0,46806	0,140819	0,740669	0,104044	0,411345	0,419302	-0,21562
amp472	0,468064	-0,46806	0,177502	0,705104	0,107449	0,42684	0,419302	-0,18698
amp473	0,468064	-0,46806	0,271602	0,872765	0,17822	0,445381	0,602002	-0,15835
amp474	0,468064	-0,46806	0,140819	0,740669	0,104044	0,411345	0,419302	-0,21562
amp475	0,468064	-0,46806	-0,48758	0,567928	0,398323	-0,10762	-0,49419	-0,50196
amp476	0,468064	-0,46806	-0,5115	0,562847	0,39114	-0,09679	-0,49419	-0,50196
amp477	0,468064	-0,46806	-0,45249	0,567928	0,398324	-0,1053	-0,44852	-0,47333
amp478	0,468064	-0,46806	-0,48917	0,562847	0,39114	-0,11212	-0,49419	-0,50196
amp479	0,468064	-0,46806	-0,42059	0,608573	0,45578	-0,1388	-0,40285	-0,44469
amp480	0,016723	-0,01672	-0,50034	0,578089	0,412687	-0,14037	-0,49419	-0,50196
amp481	0,468064	-0,46806	-0,38869	0,598411	0,497412	-0,158	-0,40285	-0,41606
amp482	0,468064	-0,46806	0,161553	0,481557	0,276228	-0,01879	0,282277	-0,01518
amp483	0,468064	-0,46806	-0,55616	0,430751	0,426851	-0,17711	-0,67689	-0,50196
amp484	0,468064	-0,46806	-0,3855	0,608573	0,455779	-0,12193	-0,35717	-0,41606
amp485	0,468064	-0,46806	-0,10799	0,740669	0,586032	-0,1526	-0,03745	-0,24425
amp486	0,468064	-0,46806	-0,56573	0,430751	0,426851	-0,23715	-0,63122	-0,47333
amp487	0,468064	-0,46806	0,033959	0,806717	0,622521	-0,14219	0,145253	-0,15835
amp488	0,468064	-0,46806	0,002062	0,725427	0,620967	-0,16939	0,053903	-0,15835
amp489	0,468064	-0,46806	0,041934	0,862603	0,588897	-0,09946	0,190928	-0,18698
amp490	0,468064	-0,46806	0,48851	0,842281	0,844045	-0,33645	0,602002	0,213897
amp491	0,468064	-0,46806	-0,13032	0,25293	0,225591	-0,10597	-0,44852	-0,33015
amp492	0,468064	-0,46806	-0,12553	0,156398	0,253902	-0,19352	-0,49419	-0,27289
amp493	0,468064	-0,46806	-0,08885	0,202124	0,207694	-0,12661	-0,40285	-0,27289
amp494	0,468064	-0,46806	-0,14627	0,344381	0,190956	-0,05889	-0,40285	-0,38742
amp495	0,468064	-0,46806	0,067453	1,035344	0,552401	0,047501	0,327952	-0,24425
amp496	0,468064	-0,46806	0,075427	1,040425	0,559247	0,033097	0,327952	-0,24425
amp497	0,468064	-0,46806	-0,47641	0,613654	0,462961	-0,11409	-0,49419	-0,50196
amp498	0,468064	-0,46806	0,376866	0,659379	0,757265	-0,32149	0,373627	0,156629
amp499	0,468064	-0,46806	0,158363	0,694943	0,808663	-0,33697	0,145253	0,013457

amp500	0,468064	-0,46806	0,158363	0,694943	0,808663	-0,33697	0,145253	0,013457
amp501	0,468064	-0,46806	0,646406	0,796556	0,44302	-0,00602	0,830376	0,185263
amp502	0,468064	-0,46806	0,533167	0,943893	0,81434	-0,24972	0,693351	0,185263
amp503	0,468064	-0,46806	0,604938	0,877846	0,393021	0,10959	0,876051	0,127995
amp504	0,468064	-0,46806	0,39441	0,603492	0,618573	-0,25233	0,419302	0,156629
amp505	0,468064	-0,46806	0,888833	0,827039	0,484967	0,022385	0,921725	0,242532
amp506	0,468064	-0,46806	0,927111	0,948974	0,878897	-0,35518	0,830376	0,2998
amp507	0,468064	-0,46806	0,766025	0,710185	0,830692	-0,51529	0,602002	0,2998
amp508	0,468064	-0,46806	0,738911	0,339301	0,183695	-0,06934	0,693351	0,2998
amp509	0,468064	-0,46806	0,837796	0,888007	0,679814	-0,23967	0,784701	0,213897
amp510	0,468064	-0,46806	1,177513	1,147118	0,98249	-0,69598	1,241449	0,471606
amp511	0,468064	-0,46806	1,115311	1,08107	0,948331	-0,67287	1,150099	0,442972
amp512	0,468064	-0,46806	0,466181	0,486638	0,565246	-0,38407	0,282277	0,127995
amp513	0,468064	-0,46806	0,868099	0,66954	0,890842	-0,78169	0,647677	0,385703
amp514	0,468064	-0,46806	0,954224	0,740669	0,934436	-0,80966	0,784701	0,442972
amp515	0,468064	-0,46806	1,011641	1,055667	0,855978	-0,31338	0,9674	0,2998
amp516	0,468064	-0,46806	0,743696	0,760991	0,786392	-0,45041	0,602002	0,242532
amp517	0,468064	-0,46806	1,027591	0,893087	0,68688	-0,21094	0,9674	0,328435
amp518	0,468064	-0,46806	1,094577	1,015022	0,913801	-0,6656	1,05875	0,414338
amp519	0,468064	-0,46806	0,957414	1,086151	0,89815	-0,41116	0,921725	0,271166
amp520	0,468064	-0,46806	0,691064	0,623815	0,31237	0,024534	0,739026	0,185263
amp521	0,468064	-0,46806	0,892023	0,877846	0,665682	-0,12554	0,876051	0,271166
amp522	0,468064	-0,46806	1,151994	0,852442	0,858488	-0,73925	1,104425	0,528875
amp523	0,468064	-0,46806	0,933491	0,959135	0,449719	-0,03942	1,05875	0,213897
amp524	0,468064	-0,46806	0,933491	0,959135	0,449719	-0,03942	1,05875	0,213897
amp525	0,468064	-0,46806	0,903187	0,954055	0,442875	-0,01824	1,013075	0,185263
amp526	0,468064	-0,46806	0,933491	0,959135	0,449719	-0,03942	1,05875	0,213897
amp527	0,468064	-0,46806	0,922326	0,964216	0,510002	-0,02887	1,013075	0,213897
amp528	0,468064	-0,46806	0,933491	0,959135	0,449719	-0,03942	1,05875	0,213897
amp529	0,468064	-0,46806	0,561876	0,303736	0,187769	0,157587	0,602002	0,271166
amp530	0,468064	-0,46806	0,222159	-0,80892	-0,70806	-0,15875	0,145253	0,385703
amp531	-0,61515	0,615154	0,598559	-0,86989	-0,80307	-0,15231	0,647677	0,70068
amp532	-0,36518	0,365181	0,598559	-0,86989	-0,80307	-0,15231	0,647677	0,70068
amp533	0,468064	-0,46806	0,316259	-0,814	-0,71598	-0,16614	0,282277	0,471606
amp534	0,468064	-0,46806	-0,48598	0,430751	0,426851	-0,18878	-0,58554	-0,44469
amp535	0,468064	-0,46806	0,426309	0,573009	0,574762	-0,35155	0,190928	0,013457
amp536	-0,10205	0,102051	0,096161	0,557767	0,062248	-0,10561	0,236602	-0,21562
amp537	-0,97623	0,976227	-2,25155	0,66954	-0,56253	0,221011	-2,13849	-2,16275
amp538	0,468064	-0,46806	1,166348	1,009941	0,906697	-0,67916	1,195774	0,50024
amp539	0,468064	-0,46806	1,287562	0,99978	0,950327	-0,73642	1,332799	0,614778
amp540	0,468064	-0,46806	1,204626	1,050586	0,905932	-0,69496	1,241449	0,50024
amp541	0,468064	-0,46806	1,233334	1,020102	0,863536	-0,68971	1,287124	0,528875
amp542	-0,02431	0,024308	-1,01709	-0,44819	-1,13227	0,930093	-0,99662	-0,87421
amp543	0,016723	-0,01672	-1,02506	-0,38215	-1,08674	0,933743	-0,99662	-0,90284
amp544	0,468064	-0,46806	-0,48598	0,430751	0,426851	-0,18878	-0,58554	-0,44469
amp545	0,468064	-0,46806	-0,51629	0,567928	0,343169	-0,0767	-0,49419	-0,53059
amp546	-0,30566	0,305664	-0,85122	-0,03159	-0,64811	0,229422	-0,90527	-0,87421
amp547	-1,26509	1,265085	-1,12235	-1,53545	-1,22394	0,064159	-1,77309	-0,47333
amp548	0,468064	-0,46806	0,85534	0,893087	0,800324	-0,3072	0,784701	0,271166
amp549	0,468064	-0,46806	0,85534	0,893087	0,800324	-0,3072	0,784701	0,271166

amp550	0,468064	-0,46806	0,884049	0,933732	0,80013	-0,33353	0,830376	0,271166
amp551	0,468064	-0,46806	0,85534	0,893087	0,800324	-0,3072	0,784701	0,271166
amp552	0,468064	-0,46806	0,85534	0,893087	0,800324	-0,3072	0,784701	0,271166
amp553	0,468064	-0,46806	0,85534	0,893087	0,800324	-0,3072	0,784701	0,271166
amp554	-2,54088	2,540875	-1,00273	-1,58117	-1,18958	0,028805	-1,68174	-0,35879
amp555	0,468064	-0,46806	0,821847	-2,04859	-2,23237	0,745903	0,739026	1,015658
amp556	0,468064	-0,46806	0,821847	-2,04859	-2,23237	0,745903	0,739026	1,015658
amp557	0,468064	-0,46806	0,802707	-2,03843	-2,21563	0,72792	0,739026	1,015658
amp558	0,468064	-0,46806	0,821847	-2,04859	-2,23237	0,745903	0,739026	1,015658
amp559	-2,23998	2,239981	0,821847	-2,04859	-2,23237	0,745903	0,739026	1,015658
amp560	0,468064	-0,46806	0,821847	-2,04859	-2,23237	0,745903	0,739026	1,015658
amp561	0,468064	-0,46806	0,821847	-2,04859	-2,23237	0,745903	0,739026	1,015658
amp562	0,468064	-0,46806	0,821847	-2,04859	-2,23237	0,745903	0,739026	1,015658
amp563	0,468064	-0,46806	0,802707	-2,03843	-2,21563	0,72792	0,739026	1,015658
amp564	-2,03167	2,03167	-1,80817	0,395187	-0,45535	0,087244	-1,81877	-1,67597
amp565	-0,73551	0,735512	0,825037	-1,86569	-2,0776	0,80441	0,784701	0,958389
amp566	-0,13372	0,133724	0,860125	-1,75391	-2,08842	0,838131	0,9674	0,958389
amp567	-0,25408	0,254082	0,826631	-1,97238	-2,20294	0,77402	0,784701	0,987023
amp568	-0,07355	0,073545	0,829822	-1,48464	-1,80894	0,869925	0,921725	0,843852
amp569	-0,43462	0,434618	0,619293	-1,91141	-2,00634	0,775443	0,510652	0,872486
amp570	0,468064	-0,46806	0,815467	0,633976	0,114366	0,330261	1,104425	0,2998
amp571	0,468064	-0,46806	-0,6678	1,020102	0,022865	0,90174	-0,22015	-0,87421
amp572	0,468064	-0,46806	-0,59444	0,99978	0,143776	0,901393	-0,22015	-0,7883
amp573	0,468064	-0,46806	-0,40943	1,030264	0,035877	0,917179	0,053903	-0,7024
amp574	0,468064	-0,46806	-0,40943	1,020102	0,120592	0,813699	-0,03745	-0,7024
amp575	-0,20895	0,208948	0,31307	-1,28142	-1,9163	1,034674	0,647677	0,414338
amp576	0,468064	-0,46806	-1,43496	0,537444	-0,41031	0,668074	-1,31634	-1,44689
amp577	0,468064	-0,46806	-1,00911	-0,5244	-0,90413	0,704937	-1,08797	-0,73103
amp578	-0,51668	0,51668	0,49808	-1,91141	-2,29138	0,902549	0,556327	0,729315
amp579	-0,61515	0,615154	-1,4844	-0,43295	-1,15741	1,032895	-1,40769	-1,16055
amp580	-0,13372	0,133724	-1,4844	-0,43295	-1,15741	1,032895	-1,40769	-1,16055
amp581	-0,36518	0,365181	-1,50035	-0,50408	-1,16401	1,005077	-1,45337	-1,13191
amp582	-0,25408	0,254082	-0,51469	-1,34746	-1,69293	0,819114	-0,49419	-0,10108
amp583	-0,7699	0,7699	0,499674	-1,75391	-2,18073	0,915534	0,602002	0,672046
amp584	-0,43462	0,434618	-1,02825	-0,79876	-0,80006	0,431049	-1,27067	-0,55923
amp585	-0,80631	0,806311	-1,33767	-0,94101	-0,86037	0,384318	-1,68174	-0,73103
amp586	-0,04775	0,047755	-1,54819	-0,95118	-0,8763	0,410578	-1,91011	-0,87421
amp587	-0,56357	0,563573	-1,57531	-0,9461	-0,86833	0,400106	-1,95579	-0,90284
amp588	0,118638	-0,11864	-0,93734	-0,59045	-0,90069	0,69231	-1,04229	-0,64513
amp589	0,066872	-0,06687	-0,62474	-1,18997	-1,6903	1,012505	-0,63122	-0,33015
amp590	-0,07355	0,073545	-1,00911	-0,5244	-0,90413	0,704937	-1,08797	-0,73103
amp591	-0,10205	0,102051	-1,29939	-0,09763	-0,69103	0,777876	-1,22499	-1,04601
amp592	0,468064	-0,46806	-1,2946	-0,01126	-0,61999	0,787358	-1,22499	-1,07465
amp593	-0,10205	0,102051	-1,19731	0,024302	-0,66793	0,832366	-1,04229	-1,01738
amp594	0,468064	-0,46806	-1,16701	-0,0011	-0,65458	0,829631	-1,04229	-0,98874
amp595	0,468064	-0,46806	-1,15106	-0,28562	-0,80826	0,790489	-1,13364	-0,90284
amp596	0,468064	-0,46806	0,727747	1,015022	0,47178	0,444208	1,104425	0,213897
amp597	-0,36518	0,365181	0,013225	1,035345	0,393903	0,365934	0,373627	-0,30152
amp598	-0,47387	0,473865	-0,7619	1,147118	-0,00739	0,822881	-0,26582	-1,01738
amp599	0,468064	-0,46806	-1,13671	0,451074	-0,56952	0,934086	-0,67689	-1,07465

amp600	0,468064	-0,46806	0,097756	0,908329	-0,86779	1,824154	1,287124	-0,41606
amp601	0,468064	-0,46806	-0,79699	1,187763	-0,1429	0,992513	0,053903	-0,93147
amp602	0,468064	-0,46806	0,31307	0,781314	-0,28294	0,736725	0,876051	-0,18698
amp603	0,468064	-0,46806	0,778784	0,679701	0,229145	0,276382	1,104425	0,328435
amp604	0,468064	-0,46806	0,853745	0,735588	0,252716	0,296775	1,195774	0,357069
amp605	0,468064	-0,46806	0,842581	0,689863	0,243054	0,290624	1,150099	0,357069
amp606	0,468064	-0,46806	0,807492	0,415509	0,07548	0,273002	1,05875	0,414338
amp607	0,468064	-0,46806	0,821847	0,735588	0,252716	0,283679	1,150099	0,328435
amp608	0,468064	-0,46806	0,778784	0,334219	0,067948	0,260443	0,9674	0,414338
amp609	0,468064	-0,46806	0,863315	0,644137	0,180467	0,308316	1,195774	0,385703
amp610	0,468064	-0,46806	0,781974	0,324058	0,053584	0,258511	0,9674	0,414338
amp611	0,468064	-0,46806	0,772404	0,374865	0,125405	0,252851	0,9674	0,414338
amp612	0,468064	-0,46806	0,76124	0,512041	0,156913	0,293482	1,013075	0,357069
amp613	0,468064	-0,46806	0,743696	0,608573	0,131788	0,328055	1,05875	0,2998
amp614	0,468064	-0,46806	0,76124	0,512041	0,156913	0,293482	1,013075	0,357069
amp615	0,468064	-0,46806	0,74848	0,776233	0,255396	0,278171	1,104425	0,271166
amp616	0,468064	-0,46806	0,716583	0,766072	0,241633	0,287121	1,05875	0,242532
amp617	0,468064	-0,46806	0,724557	0,75083	0,273468	0,283182	1,05875	0,271166
amp618	0,468064	-0,46806	0,686279	0,75083	0,273468	0,276289	1,013075	0,242532
amp619	0,468064	-0,46806	0,716583	0,766072	0,241633	0,287121	1,05875	0,242532
amp620	0,468064	-0,46806	0,702228	0,811798	0,303565	0,285242	1,05875	0,242532
amp621	0,468064	-0,46806	0,730936	0,720346	0,231964	0,278775	1,05875	0,271166
amp622	0,468064	-0,46806	0,676709	0,811798	0,303565	0,279947	1,013075	0,213897
amp623	0,468064	-0,46806	0,705418	0,791475	0,27604	0,267692	1,05875	0,242532
amp624	-0,02431	0,024308	-1,02506	-0,77844	-0,92633	0,57572	-1,22499	-0,6165
amp625	0,468064	-0,46806	-1,69493	0,776233	-0,69298	1,37417	-1,08797	-1,67597
amp626	0,468064	-0,46806	-1,79222	0,75083	-0,63775	1,316472	-1,27067	-1,73323
amp627	0,468064	-0,46806	-1,79222	0,75083	-0,63775	1,316472	-1,27067	-1,73323
amp628	0,468064	-0,46806	-1,7651	0,755911	-0,67488	1,34421	-1,22499	-1,73323
amp629	0,468064	-0,46806	-1,7651	0,755911	-0,67488	1,34421	-1,22499	-1,73323
amp630	0,468064	-0,46806	-1,7651	0,755911	-0,67488	1,34421	-1,22499	-1,73323
amp631	0,468064	-0,46806	-1,80338	0,745749	-0,64404	1,299171	-1,27067	-1,73323
amp632	0,468064	-0,46806	-1,80338	0,745749	-0,64404	1,299171	-1,27067	-1,73323
amp633	0,468064	-0,46806	-1,81773	0,781314	-0,64359	1,29642	-1,27067	-1,76187
amp634	0,468064	-0,46806	-1,81773	0,781314	-0,64359	1,29642	-1,27067	-1,76187
amp635	0,468064	-0,46806	-1,81773	0,781314	-0,64359	1,29642	-1,27067	-1,76187
amp636	0,468064	-0,46806	-1,76989	0,781314	-0,64359	1,33723	-1,22499	-1,73323
amp637	0,468064	-0,46806	-1,65824	0,821959	-0,6799	1,415365	-1,04229	-1,67597
amp638	0,468064	-0,46806	-1,74915	0,75591	-0,67488	1,35354	-1,17932	-1,7046
amp639	0,468064	-0,46806	-1,74915	0,75591	-0,67488	1,35354	-1,17932	-1,7046
amp640	0,468064	-0,46806	-1,69971	0,801636	-0,66183	1,377685	-1,08797	-1,67597
amp641	0,468064	-0,46806	-2,11598	1,009941	-0,40644	1,197732	-1,63606	-2,01958
amp642	0,468064	-0,46806	-2,09046	1,020102	-0,43812	1,204555	-1,59039	-2,01958
amp643	0,468064	-0,46806	-2,02667	1,060747	-0,43247	1,216379	-1,49904	-1,99094
amp644	0,468064	-0,46806	-2,02667	1,060747	-0,43247	1,216379	-1,49904	-1,99094
amp645	0,468064	-0,46806	-1,9533	1,040425	-0,45715	1,237564	-1,40769	-1,93367
amp646	0,468064	-0,46806	-1,96287	1,009941	-0,45052	1,226878	-1,45337	-1,93367
amp647	0,468064	-0,46806	-1,96287	1,009941	-0,45052	1,226878	-1,45337	-1,93367
amp648	0,468064	-0,46806	-2,07133	1,040425	-0,45715	1,23069	-1,54472	-2,01958
amp649	0,468064	-0,46806	-2,07133	1,040425	-0,45715	1,23069	-1,54472	-2,01958

amp650	0,0812	-0,0812	-1,41263	0,517122	-0,43686	0,681512	-1,27067	-1,41826
amp651	0,034776	-0,03478	-1,35521	0,730508	-0,06019	0,649736	-1,13364	-1,27509
amp652	-0,02431	0,024308	-1,00752	0,283413	-0,65029	0,906825	-0,63122	-0,96011
amp653	0,16717	-0,16717	-1,23719	0,263091	-0,63059	0,815956	-0,95094	-1,13191
amp654	0,016723	-0,01672	-2,0474	1,055667	-0,43864	1,220233	-1,49904	-1,99094
amp655	0,468064	-0,46806	-1,09524	0,197043	-0,76429	1,045529	-0,72257	-1,01738
amp656	0,468064	-0,46806	-1,06175	0,273252	-0,70983	1,047263	-0,67689	-1,01738
amp657	0,468064	-0,46806	-1,09364	0,25293	-0,69053	1,047263	-0,72257	-1,01738
amp658	0,468064	-0,46806	-1,14149	0,263091	-0,67712	1,04311	-0,76824	-1,04601
amp659	0,468064	-0,46806	-1,10481	0,318978	-0,64978	1,046655	-0,72257	-1,04601
amp660	0,468064	-0,46806	-1,08567	0,369784	-0,62936	1,08553	-0,67689	-1,04601
amp661	0,468064	-0,46806	-1,08567	0,369784	-0,62936	1,08553	-0,67689	-1,04601
amp662	0,468064	-0,46806	-1,07291	0,400268	-0,58954	1,108857	-0,67689	-1,04601
amp663	0,468064	-0,46806	-1,21167	-0,21449	-0,75686	0,814669	-1,17932	-0,96011
amp664	0,468064	-0,46806	-1,14468	-0,26529	-0,77954	0,771255	-1,13364	-0,90284
amp665	0,468064	-0,46806	-1,19253	-0,23481	-0,73644	0,784435	-1,17932	-0,93147
amp666	0,468064	-0,46806	-1,19253	-0,23481	-0,73644	0,784435	-1,17932	-0,93147
amp667	0,468064	-0,46806	-1,19253	-0,23481	-0,73644	0,784435	-1,17932	-0,93147
amp668	0,468064	-0,46806	-1,19253	-0,23481	-0,73644	0,784435	-1,17932	-0,93147
amp669	0,468064	-0,46806	-1,17339	-0,25513	-0,76517	0,769998	-1,13364	-0,90284
amp670	0,468064	-0,46806	-1,17339	-0,25513	-0,76517	0,769998	-1,13364	-0,90284
amp671	0,468064	-0,46806	-1,17339	-0,25513	-0,76517	0,769998	-1,13364	-0,90284
amp672	0,468064	-0,46806	-1,17339	-0,25513	-0,76517	0,769998	-1,13364	-0,90284
amp673	0,468064	-0,46806	-1,17339	-0,25513	-0,76517	0,769998	-1,13364	-0,90284
amp674	0,468064	-0,46806	-0,06174	0,867684	-0,07655	0,929166	0,510652	-0,35879
amp675	0,468064	-0,46806	0,144008	1,228408	0,544444	0,375752	0,556327	-0,24425
amp676	0,468064	-0,46806	-1,56893	0,283413	-0,46072	0,710051	-1,40769	-1,33235
amp677	0,468064	-0,46806	-1,39668	0,50696	-0,35524	0,761482	-1,13364	-1,27509
amp678	0,468064	-0,46806	-1,39668	0,50696	-0,35524	0,761482	-1,13364	-1,27509
amp679	0,468064	-0,46806	-1,33448	0,471396	-0,35425	0,776934	-1,08797	-1,21782
amp680	0,468064	-0,46806	-1,03304	0,578089	-0,26136	0,826278	-0,72257	-1,01738
amp681	0,468064	-0,46806	-0,97722	0,552686	-0,29489	0,845065	-0,67689	-0,98874
amp682	0,468064	-0,46806	-0,95967	0,598411	-0,28284	0,864507	-0,63122	-0,98874
amp683	0,468064	-0,46806	-0,93734	0,578089	-0,26136	0,863274	-0,63122	-0,96011
amp684	0,468064	-0,46806	-1,45728	0,445994	-0,38795	0,768908	-1,22499	-1,30372
amp685	0,468064	-0,46806	-0,49555	0,318978	-1,13104	1,848976	0,373627	-0,67377
amp686	0,468064	-0,46806	-0,51469	0,268172	-1,1529	1,827122	0,327952	-0,67377
amp687	0,468064	-0,46806	-0,59763	0,268171	-1,06903	1,767052	0,190928	-0,7024
amp688	-0,73551	0,735512	-0,52904	0,324058	-1,08306	1,806276	0,327952	-0,67377
amp689	-1,3373	1,3373	-0,62952	0,268172	-1,06903	1,76974	0,145253	-0,73103
amp690	-1,07939	1,079391	-0,57051	0,324058	-1,04098	1,784531	0,236602	-0,7024
amp691	-0,20895	0,208948	-0,62952	0,268172	-1,06903	1,76974	0,145253	-0,73103
amp692	0,468064	-0,46806	-0,47641	0,989619	-0,89309	2,029675	0,693351	-0,87421
amp693	0,468064	-0,46806	-0,12075	-0,87497	-1,72904	1,425798	0,327952	-0,04381
amp694	-1,50142	1,501424	-0,95329	-0,75303	-1,51402	1,148774	-0,67689	-0,64513
amp695	0,066872	-0,06687	-1,03144	-0,59553	-1,3383	1,048257	-0,76824	-0,73103
amp696	-0,36518	0,365181	-0,42857	0,024302	-1,25241	1,287708	0,282277	-0,55923
amp697	0,468064	-0,46806	-0,67259	-0,27545	-1,34504	1,221263	-0,1288	-0,6165
amp698	0,468064	-0,46806	-0,64866	-0,14844	-1,26358	1,22623	-0,08312	-0,64513
amp699	0,468064	-0,46806	-0,57051	-0,11287	-1,30264	1,262295	0,053903	-0,6165

amp700	-0,04775	0,047755	-1,06015	-0,9715	-1,5997	1,10327	-0,95094	-0,67377
amp701	-0,47387	0,473865	-1,0139	-1,27125	-1,71884	0,998986	-1,08797	-0,55923
amp702	0,468064	-0,46806	-0,68216	1,360504	-0,4609	1,704515	0,419302	-1,04601
amp703	0,106991	-0,10699	-2,18935	0,359623	-0,77857	1,152282	-1,81877	-1,84777
amp704	0,468064	-0,46806	-0,66142	0,379945	-0,88473	1,687867	0,099578	-0,73103
amp705	0,468064	-0,46806	-0,85281	0,034464	-0,93389	1,487575	-0,35717	-0,75967
amp706	0,0812	-0,0812	-1,52746	0,791475	-0,67429	1,381239	-0,90527	-1,56143
amp707	0,468064	-0,46806	-0,05855	-1,39827	-1,81764	0,912383	0,099578	0,242532
amp708	0,034776	-0,03478	-0,23718	-1,37795	-1,78671	0,900822	-0,1288	0,09936
amp709	0,158573	-0,15857	-1,13352	-0,95118	-1,4779	0,943124	-1,08797	-0,7024
amp710	0,129558	-0,12956	-1,75713	-0,51932	-1,13864	0,918006	-1,72741	-1,27509
amp711	-0,39851	0,398511	-0,53702	-0,42279	-1,49819	1,308432	-0,03745	-0,53059
amp712	0,468064	-0,46806	-2,17181	0,954055	-0,47496	1,173619	-1,68174	-2,04821
amp713	0,468064	-0,46806	-2,16383	0,938813	-0,44957	1,173103	-1,68174	-2,01958
amp714	-0,51668	0,51668	-0,63431	-0,34658	-1,39656	1,172809	-0,1288	-0,58786
amp715	0,232581	-0,23258	-1,08726	-0,9461	-1,51699	0,96227	-0,99662	-0,67377
amp716	0,468064	-0,46806	-0,76669	1,274133	-0,72418	1,826116	0,419302	-1,16055
amp717	0,468064	-0,46806	-0,419	-0,73779	-1,58138	1,408562	-0,1288	-0,35879
amp718	0,468064	-0,46806	-0,53542	-0,87497	-1,64138	1,353331	-0,26582	-0,35879
amp719	0,468064	-0,46806	-0,05695	-1,77932	-2,17468	1,130301	-0,1288	0,242532
amp720	0,468064	-0,46806	-0,6056	-0,15352	-1,6799	2,319742	0,464977	-0,58786
amp721	0,468064	-0,46806	-0,23239	-0,46852	-1,9223	2,388926	0,830376	-0,24425
amp722	-0,27898	0,278983	-0,33925	-1,94698	-2,4816	1,511771	-0,44852	0,013457
amp723	0,468064	-0,46806	-0,32011	-1,58117	-2,97298	2,658928	0,373627	-0,21562
amp724	0,468064	-0,46806	-0,15424	-0,18908	-1,83899	2,58314	1,05875	-0,30152
amp725	0,468064	-0,46806	-0,46684	-2,07907	-2,97322	2,073229	-0,26582	-0,07245
amp726	0,468064	-0,46806	-0,56573	-2,25181	-3,37883	2,43235	-0,22015	-0,15835
amp727	0,468064	-0,46806	-0,34244	-1,57101	-2,5466	2,189999	0,053903	-0,10108
amp728	0,468064	-0,46806	-0,65345	-1,6777	-3,03308	2,689121	-0,03745	-0,41606
amp729	0,468064	-0,46806	-1,2627	-1,129	-2,65919	2,841804	-0,40285	-0,93147
amp730	0,468064	-0,46806	-0,33766	-2,1248	-2,49654	1,420547	-0,49419	0,156629
amp731	0,468064	-0,46806	-0,33766	-2,01302	-2,45265	1,416027	-0,49419	0,070726
amp732	0,468064	-0,46806	-1,96766	-0,91561	-1,2824	0,948489	-2,04714	-1,21782
amp733	0,468064	-0,46806	-2,10003	-0,69715	-0,9576	0,829243	-2,18416	-1,30372
amp734	0,468064	-0,46806	-1,30258	0,034463	-1,0234	1,501758	-0,72257	-1,04601
amp735	0,468064	-0,46806	-1,04101	-0,00618	-1,33312	1,947851	-0,17447	-0,87421
amp736	0,468064	-0,46806	-1,18136	-0,03667	-1,2886	1,892686	-0,35717	-0,93147
amp737	0,468064	-0,46806	-1,18136	-0,03667	-1,2886	1,892686	-0,35717	-0,93147
amp738	0,468064	-0,46806	-1,10481	-0,0265	-1,31748	1,910965	-0,26582	-0,90284
amp739	0,468064	-0,46806	-1,11757	-0,01634	-1,30447	1,90915	-0,26582	-0,90284
amp740	0,468064	-0,46806	-1,545	-0,01634	-1,0013	1,358003	-1,08797	-1,21782
amp741	0,468064	-0,46806	-1,57052	0,014141	-0,91555	1,340873	-1,13364	-1,21782
amp742	0,468064	-0,46806	-1,52906	-0,05699	-1,0104	1,336264	-1,08797	-1,18918
amp743	0,468064	-0,46806	-1,56733	0,08527	-0,91182	1,356274	-1,08797	-1,24645
amp744	0,468064	-0,46806	-1,58009	0,024302	-0,94738	1,331296	-1,13364	-1,24645
amp745	0,468064	-0,46806	-1,57531	-0,01126	-0,94942	1,316547	-1,13364	-1,21782
amp746	0,468064	-0,46806	-1,57531	-0,01126	-0,94942	1,316547	-1,13364	-1,21782
amp747	0,468064	-0,46806	-0,32171	-1,64722	-2,19647	1,42866	-0,40285	-0,07245
amp748	0,468064	-0,46806	-0,18295	-1,11376	-1,97894	1,74557	0,282277	-0,01518
amp749	0,468064	-0,46806	-0,50034	-2,08415	-2,94146	2,038621	-0,26582	-0,04381

amp750	0,468064	-0,46806	-0,34085	-1,53545	-2,57505	2,21967	0,099578	-0,12971
amp751	0,468064	-0,46806	-0,08406	-1,13408	-2,09137	1,917918	0,510652	0,070726
amp752	-0,0029	0,002901	-1,12873	0,110672	-0,9679	1,772905	-0,53987	-0,96011
amp753	0,468064	-0,46806	-0,13989	-1,23061	-2,10234	1,850127	0,327952	0,042092
amp754	0,468064	-0,46806	0,558686	0,415509	-1,256	2,069186	1,743872	0,013457
amp755	0,468064	-0,46806	0,477345	-0,14844	-1,39087	1,824479	1,378473	0,185263
amp756	0,468064	-0,46806	-0,05376	0,974377	-0,91085	1,914875	1,150099	-0,58786
amp757	0,468064	-0,46806	-0,47641	0,816878	-1,17166	2,053633	0,647677	-0,96011
amp758	0,468064	-0,46806	-0,03781	0,466316	-1,31286	2,018563	1,05875	-0,50196
amp759	0,468064	-0,46806	-0,01867	0,4968	-1,31539	2,051726	1,104425	-0,50196
amp760	0,468064	-0,46806	-0,18454	1,075989	-0,98975	2,067158	1,104425	-0,75967
amp761	0,468064	-0,46806	0,396005	1,136957	-0,80201	1,96054	1,743872	-0,27289
amp762	0,468064	-0,46806	-0,10001	1,3351	-0,85126	2,013551	1,332799	-0,73103
amp763	0,468064	-0,46806	0,418334	0,456154	-1,43986	2,466095	1,835222	-0,10108
amp764	0,468064	-0,46806	-0,71087	1,502761	-0,54394	1,801755	0,464977	-1,18918
amp765	0,468064	-0,46806	0,322639	0,425671	-1,3998	2,144497	1,515498	-0,24425
amp766	0,468064	-0,46806	0,180691	0,440912	-1,38171	2,222385	1,424148	-0,30152

bio7	bio8	bio9	bio10	bio11	bio12	bio13	bio14	bio15	bio16
-0,36338	0,968641	1,889105	1,495056	2,27447	-1,97477	-1,45063	-1,38201	1,529667	-1,40097
-3,1015	1,554109	2,676547	1,976958	2,847351	-0,42188	1,788119	-1,2322	2,127602	1,449346
-3,06238	1,517132	2,652093	1,96166	2,809159	-0,65565	1,601268	-1,26216	2,221174	1,184024
-2,98415	1,554109	2,686329	2,015204	2,841895	-0,22819	1,850403	-1,2322	2,016877	1,638862
-1,45863	-0,43648	1,263064	-0,21837	1,194182	0,252702	2,701612	-1,17228	2,19583	2,396925
-1,41951	-0,47962	1,238609	-0,24132	1,155989	0,099083	2,577045	-1,17228	2,271778	2,290797
-1,41951	-0,36253	1,316865	-0,11128	1,26511	0,018934	2,431716	-1,17228	2,252159	2,124023
-2,31918	1,22748	2,515146	1,76278	2,367222	0,730256	0,999194	-0,27348	0,406028	0,89596
-2,39741	0,962478	2,490692	1,716884	2,372679	1,56848	1,97497	-0,15363	0,371835	1,767733
-2,59299	1,338411	2,544492	1,808675	2,481799	1,311336	2,099537	-0,27348	0,602043	1,744991
-2,6321	1,282945	2,480909	1,724533	2,427239	1,712081	2,161821	-0,15363	0,504704	2,017894
-2,43652	0,950153	2,466237	1,670989	2,356311	1,528406	1,933448	-0,21355	0,433615	1,790475
-2,28006	0,870036	2,446673	1,640392	2,27447	1,007438	1,186044	-0,3334	0,329828	1,161282
-2,51476	0,993292	2,476018	1,709235	2,399959	1,651969	2,016492	-0,15363	0,447603	1,889023
-2,43652	1,22748	2,4858	1,709235	2,389047	1,71876	2,078776	-0,09371	0,365528	1,911765
-2,16271	1,011781	2,358636	1,571549	2,138071	-0,22485	-0,22572	-0,69292	0,403002	-0,08194
-2,1236	0,561895	2,251035	1,403266	2,001671	-0,12801	-0,18419	-0,66296	0,393865	0,001445
-2,04537	0,524918	2,22658	1,372668	1,963479	-0,3217	-0,39181	-0,72288	0,422833	-0,14259
-2,16271	1,011781	2,358636	1,571549	2,138071	-0,22485	-0,22572	-0,69292	0,403002	-0,08194
-2,16271	1,011781	2,358636	1,571549	2,138071	-0,22485	-0,22572	-0,69292	0,403002	-0,08194
-2,16271	1,116549	2,427109	1,678638	2,225367	-0,24489	-0,26724	-0,72288	0,421676	-0,0592
-2,1236	0,722129	2,373308	1,594496	2,143526	-0,37847	-0,45409	-0,75284	0,429363	-0,24114
-2,1236	0,722129	2,373308	1,594496	2,143526	-0,37847	-0,45409	-0,75284	0,429363	-0,24114
-2,1236	1,067246	2,402654	1,640392	2,187174	-0,31502	-0,41257	-0,72288	0,407394	-0,19565
-2,08448	0,70364	2,353745	1,571548	2,121702	-0,36845	-0,47485	-0,75284	0,41426	-0,24114
-2,00625	-0,29474	1,365774	0,087597	0,883189	-0,81261	-1,01464	-0,633	0,157195	-0,99162
-2,39741	0,290731	2,021161	1,112594	1,75615	-1,06308	-0,57866	-0,75284	0,579744	-0,62017
-2,35829	0,450964	2,12387	1,227333	1,908918	0,563279	0,853865	-0,51316	0,506663	0,964185
-2,31918	0,531081	2,192343	1,342071	1,97439	0,636749	0,833104	-0,45324	0,491947	1,024831
-2,31918	0,518755	2,177671	1,334422	1,968934	0,70354	0,895388	-0,45324	0,488225	1,085476
-2,43652	0,370848	2,07007	1,189087	1,821622	-1,04638	-0,59942	-0,7828	0,580467	-0,59743
-2,39741	0,290731	2,021161	1,112594	1,75615	-1,06308	-0,57866	-0,75284	0,579744	-0,62017
-2,59299	0,50643	2,128762	1,234983	1,958022	0,863838	1,061477	-0,4832	0,509984	1,267411
-3,37531	0,475615	2,07007	1,181438	1,914375	1,107624	1,165283	-0,15363	0,286509	1,328056
-2,74945	0,629686	2,231471	1,403266	2,078054	0,456414	0,687776	-0,60304	0,506901	0,77467
-2,39741	-0,93567	1,194591	-0,19542	0,675861	-1,1499	-0,59942	-0,75284	0,444955	-0,77936
-2,39741	-0,93567	1,194591	-0,19542	0,675861	-1,1499	-0,59942	-0,75284	0,444955	-0,77936
-2,39741	-0,93567	1,194591	-0,19542	0,675861	-1,1499	-0,59942	-0,75284	0,444955	-0,77936
-2,43652	-1,07125	1,096772	-0,35606	0,555829	-1,1833	-0,64094	-0,7828	0,46145	-0,79452
-2,47564	-1,14521	1,038081	-0,46315	0,495813	-1,1666	-0,62018	-0,75284	0,459245	-0,77178
-2,39741	-0,93567	1,194591	-0,19542	0,675861	-1,1499	-0,59942	-0,75284	0,444955	-0,77936
-2,39741	-1,01579	1,140791	-0,29487	0,610389	-0,98627	-0,45409	-0,69292	0,436154	-0,58226
-2,43652	-1,04044	1,116336	-0,33311	0,583109	-1,023	-0,51637	-0,72288	0,441818	-0,62775
-2,43652	-1,06509	1,106554	-0,36371	0,561285	-0,99295	-0,45409	-0,72288	0,436582	-0,59743
-2,43652	-1,06509	1,106554	-0,36371	0,561285	-0,99295	-0,45409	-0,72288	0,436582	-0,59743
-2,39741	-0,86788	1,258173	-0,11893	0,741333	-0,81261	-0,288	-0,633	0,423412	-0,41549
-2,67122	0,487941	2,11898	1,234983	1,94711	0,33953	0,563208	-0,57308	0,471887	0,668541
-2,08448	0,296893	2,334181	1,380318	1,723414	-1,14656	-0,6617	-0,66296	0,631282	-0,60501
-2,28006	0,210614	2,255926	1,242632	1,652486	-0,45862	-0,18419	-0,66296	0,485842	-0,00614

-2,31918	0,13666	2,167889	1,143191	1,587014	-0,74248	-0,41257	-0,75284	0,606333	-0,19565
-2,82768	-0,66451	1,331537	-0,02714	0,905013	1,147698	1,788119	-0,24352	0,435533	1,722249
-2,82768	-0,66451	1,341319	-0,02714	0,905013	1,074229	1,663552	-0,24352	0,457786	1,669185
-2,28006	0,370848	2,324399	1,45681	1,799798	-0,64897	-0,08039	-0,45324	0,591924	-0,0971
-2,94503	0,863873	2,319508	1,449161	1,936198	0,85048	1,45594	0,625333	-0,12164	1,077895
-2,90592	0,956315	2,397763	1,571548	2,02895	0,780349	1,352134	0,625333	-0,11036	1,024831
-3,21884	1,024107	2,520037	1,625094	2,127159	1,665327	1,80888	0,924936	-0,22141	1,775313
-2,47564	-0,14683	0,578332	-0,24132	0,523093	-0,44526	-1,74128	0,924936	-1,59997	-1,64355
-2,51476	-0,25776	0,500077	-0,36371	0,457621	-0,25157	-1,65824	1,194578	-1,69357	-1,57533
-2,71034	0,198288	0,857116	0,179387	0,877733	0,426358	-1,49215	1,703903	-1,81417	-1,41613
-2,94503	0,882362	1,517393	1,173789	1,663398	1,705402	-0,22572	2,123347	-1,58773	-0,37001
-2,04537	0,94399	2,466237	1,670989	1,979846	0,426358	0,853865	0,445571	-0,04056	0,630638
-2,1236	0,919339	2,441782	1,625094	1,952566	0,48313	0,874626	0,475531	-0,06796	0,668541
-2,20183	0,94399	2,446673	1,640392	1,968934	0,473112	0,853865	0,415611	-0,06437	0,668541
-2,1236	0,956315	2,466237	1,670989	1,985302	0,399642	0,833104	0,415611	-0,05321	0,607896
-2,16271	0,913176	2,432	1,617444	1,941654	0,48313	0,916149	0,445571	-0,06254	0,668541
-2,24094	0,845385	2,368418	1,525654	1,89255	0,610033	0,978432	0,505492	-0,10526	0,751928
-2,24094	0,870036	2,392873	1,563899	1,914375	0,720237	1,082238	0,565412	-0,10568	0,858057
-2,24094	0,882362	2,397763	1,571549	1,919831	0,696861	1,019955	0,535452	-0,1192	0,812573
-2,24094	0,870036	2,387982	1,548601	1,908918	0,553261	0,93691	0,475531	-0,09689	0,714025
-2,00625	0,950153	2,476018	1,686287	1,968934	0,423018	0,791582	0,535452	-0,0581	0,592734
-0,911	-0,50427	0,226184	-0,89151	0,272117	-1,90798	-1,96966	-0,7828	-0,04365	-1,90888
-2,78857	1,326085	1,693467	1,433862	1,83799	1,57182	-0,43333	2,45291	-1,73871	-0,37759
-1,1457	0,820734	1,03319	0,898416	1,177813	-1,83785	-1,96966	-0,51316	-0,44247	-1,96952
-3,14061	-0,02357	1,556521	0,875468	1,48335	1,548443	-0,18419	1,943585	-1,4248	0,099993
-2,67122	-0,57206	0,074565	-0,9527	0,053876	-1,28349	-2,23955	0,32573	-1,55853	-2,34855
-3,14061	0,068869	1,39512	0,982557	1,56519	1,78889	-0,53714	2,333069	-1,7205	-0,27904
-2,74945	-0,88021	0,646805	-0,07304	0,703141	0,028953	-1,59596	1,524141	-1,9285	-1,59049
-3,14061	0,050381	1,380447	0,951961	1,543366	2,353272	-0,14267	2,692592	-1,71939	0,198541
-3,14061	0,290731	1,996706	1,196736	1,75615	1,535085	0,147985	1,763823	-1,09735	0,357735
-1,06747	-0,31323	0,196838	-0,54729	0,217556	-2,21856	-1,61672	-0,7828	0,625852	-1,68904
-1,02835	-0,34404	0,167492	-0,59319	0,18482	-2,21522	-1,65824	-0,84272	0,690013	-1,65113
-0,98923	-0,33171	0,182166	-0,57024	0,201189	-2,24193	-1,59596	-0,96256	0,907506	-1,56775
-1,41951	0,839222	1,062535	0,929013	1,216005	-1,85789	-1,88661	-0,57308	-0,41015	-1,93162
-2,35829	-0,14067	0,319112	-0,27957	0,506725	-2,06494	-2,0527	-0,30344	-0,6943	-2,27275
-0,24603	0,642012	1,057644	0,668939	1,281478	0,479791	1,393656	-1,05244	1,229541	1,396282
-0,05045	0,81457	1,08699	0,768378	1,297845	0,392963	1,227567	-0,99252	1,123249	1,184024
-0,51984	0,401661	1,111445	0,500656	1,37423	0,225986	0,750059	-1,29212	1,288823	0,956605
-0,32426	0,130497	0,769079	0,003455	0,948661	0,736935	1,310612	-1,02248	1,043201	1,638862
0,418939	-1,68754	-1,44652	-2,10773	-1,41379	0,145837	0,916149	-0,66296	0,838465	1,01725
0,418939	-1,59509	-1,37316	-1,98535	-1,33195	0,082385	0,833104	-0,69292	0,828133	0,941444
0,379822	-1,73068	-1,48565	-2,16893	-1,45744	0,152516	0,916149	-0,69292	0,848674	1,032411
0,575403	-1,4287	-1,26066	-1,77117	-1,20646	-0,00778	0,791582	-0,7828	0,899498	0,89596
0,653635	-1,24381	-1,11883	-1,51109	-1,04824	-0,12801	0,625492	-0,7828	0,854589	0,736766
0,301591	-1,07742	-0,99166	-1,64878	-0,92275	0,947326	2,286388	-0,75284	1,116663	2,033055
0,262475	0,777594	0,901134	0,699536	1,10143	0,038971	1,061477	-1,02248	1,190933	0,956605
0,731866	-0,44881	-0,50746	-0,4708	-0,36624	-0,50203	0,58397	-0,7828	1,096128	0,494186
0,731866	-0,44881	-0,50746	-0,4708	-0,36624	-0,50203	0,58397	-0,7828	1,096128	0,494186
-0,12868	-1,69986	-1,33403	-2,19952	-1,2883	0,666805	1,954209	-0,72288	1,120685	1,85112
0,106011	-0,55974	-0,45855	-0,80736	-0,31168	0,112441	1,891925	-1,14232	1,640532	1,722249

-0,79365	0,598872	0,67126	0,607745	0,948661	-2,09165	-1,42987	-0,84272	0,783883	-1,47678
-1,1457	0,241428	0,588114	0,171738	0,675861	-1,62746	-1,49215	-0,12367	-0,39511	-1,61323
-0,911	1,381551	1,311973	1,617444	1,663398	-2,05826	-1,88661	-0,633	-0,02225	-1,96952
-1,49774	-0,28241	0,089237	-0,44785	0,299397	-1,44044	-1,99042	0,29577	-1,18061	-1,93162
0,106011	0,13666	0,250638	0,179387	0,479444	-1,33692	-0,39181	-1,05244	1,227676	-0,39275
0,145127	0,623523	0,637023	0,829573	0,910469	-1,39369	-0,64094	-0,99252	1,044638	-0,55952
0,262475	0,272243	0,201729	0,523603	0,424885	-0,37179	0,750059	-1,02248	1,308018	0,615476
0,223359	0,290731	0,211511	0,546551	0,435796	-0,37513	0,729298	-1,02248	1,293859	0,592734
0,88833	0,093521	-0,25313	-0,16483	-0,08798	0,2694	1,227567	-0,69292	0,932765	1,093056
0,536287	-0,10985	-0,34117	-0,43255	-0,19164	0,286097	1,061477	-0,7828	0,93286	1,085476
0,106012	-0,96648	-0,78624	-1,12863	-0,67723	0,279418	1,186044	-0,60304	0,964691	1,161282
-0,05045	-0,2516	-0,05749	-0,37901	0,135716	0,222646	1,891925	-0,99252	1,484173	1,646443
-0,08957	-1,23149	-0,93297	-1,60288	-0,84091	0,423018	2,078776	-0,9326	1,34066	1,782894
0,145127	0,038055	0,123474	-0,05009	0,337589	0,205948	1,954209	-0,99252	1,514569	1,714668
0,106011	-0,77544	-0,61995	-1,00624	-0,49172	0,022274	1,476701	-1,05244	1,370428	1,25983
-0,01134	-1,10823	-0,87428	-1,4346	-0,77544	0,2694	1,725836	-0,9326	1,29425	1,525152
-0,08957	-1,16986	-0,89873	-1,51874	-0,80272	0,289437	1,746597	-0,90264	1,301723	1,563056
-0,08957	-1,19451	-0,92808	-1,54934	-0,83545	0,329511	1,788119	-0,90264	1,282772	1,593378
0,262475	-0,46113	-0,41942	-0,62378	-0,26803	0,038971	1,788119	-0,99252	1,375867	1,305314
0,262475	-0,46113	-0,41942	-0,62378	-0,26803	0,038971	1,788119	-0,99252	1,375867	1,305314
0,223359	-0,46113	-0,38029	-0,60083	-0,22438	-0,0345	1,705074	-1,05244	1,428001	1,25225
0,262475	-0,43648	-0,38029	-0,57789	-0,22438	-0,04786	1,684313	-1,02248	1,403011	1,221927
0,027779	-1,0959	-1,06013	-1,66408	-1,04278	0,92061	1,80888	-0,60304	0,85589	1,744991
0,066895	-1,04044	-1,01612	-1,59524	-0,99368	0,893894	1,80888	-0,57308	0,867293	1,72983
0,066895	-1,08974	-1,06992	-1,65643	-1,04824	0,927289	1,80888	-0,57308	0,856452	1,760152
0,262475	-0,73846	-0,82537	-1,22807	-0,78089	0,766991	1,746597	-0,66296	0,957565	1,669185
0,458054	-1,69986	-1,45141	-2,13833	-1,41925	0,132479	0,874626	-0,66296	0,795636	0,986927
0,418939	-1,59509	-1,37316	-1,98535	-1,33195	0,082385	0,833104	-0,69292	0,828133	0,941444
0,614519	0,494104	0,387585	0,913714	0,632213	-0,56549	0,293313	-0,96256	1,231677	0,380477
-0,05045	-0,39334	-0,55148	-0,76147	-0,41534	-0,13468	0,833104	-0,9326	1,106254	0,751928
-0,05045	-0,39334	-0,55148	-0,76147	-0,41534	-0,13468	0,833104	-0,9326	1,106254	0,751928
-0,01134	-0,38718	-0,5368	-0,73852	-0,39897	-0,1447	0,812343	-0,9326	1,111295	0,751928
-0,08957	-0,52276	-0,63462	-0,91445	-0,50809	-0,00778	0,957671	-0,90264	1,086309	0,888379
-0,01134	-0,4673	-0,61995	-0,85326	-0,49172	-0,03116	0,93691	-0,87268	1,100427	0,873218
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-0,12868	-0,69532	-0,76668	-1,13628	-0,6554	0,169213	1,144522	-0,84272	1,046658	1,055153
-0,05045	-1,213	-1,14817	-1,79412	-1,08097	0,730256	1,62203	-0,633	0,889804	1,547894
-0,12868	-0,33788	-0,48789	-0,68498	-0,34441	-0,21483	0,729298	-0,96256	1,122695	0,653379
-0,12868	-0,68916	-0,7569	-1,12863	-0,64449	0,179232	1,144522	-0,84272	1,033739	1,055153
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-0,12868	-0,69532	-0,76668	-1,13628	-0,6554	0,169213	1,144522	-0,84272	1,046658	1,055153
-0,12868	-0,67683	-0,74222	-1,11333	-0,62812	0,175893	1,144522	-0,84272	1,033097	1,047572
0,88833	0,685152	0,382694	0,974908	0,626757	-0,46864	0,625492	-0,87268	1,035185	0,388057
0,849214	0,438638	0,187056	0,66129	0,408517	-0,43524	0,58397	-0,81276	0,977641	0,388057
0,810098	0,494104	0,231075	0,730133	0,457621	-0,41855	0,604731	-0,7828	0,959323	0,395638
0,810098	0,46329	0,201729	0,691886	0,424885	-0,4319	0,58397	-0,7828	0,960345	0,388057
0,888331	0,57422	0,299548	0,844871	0,534005	-0,41187	0,667014	-0,81276	1,022254	0,448702
0,88833	0,487941	0,235966	0,737782	0,463077	-0,38849	0,646253	-0,7828	1,018376	0,471444
0,888331	0,426313	0,177274	0,653641	0,397604	-0,39517	0,646253	-0,75284	0,977611	0,441122
0,849214	0,42015	0,167492	0,638342	0,386693	-0,41855	0,604731	-0,81276	0,976912	0,41838

0,770982	0,259917	0,040328	0,424164	0,244837	-0,37847	0,58397	-0,75284	0,919756	0,42596
0,106012	-0,47346	-0,32649	-0,64673	-0,16436	0,025613	1,476701	-1,02248	1,386459	1,267411
0,106012	0,820734	0,734842	1,05905	1,01959	-0,78589	0,397119	-1,0824	1,26239	0,259186
0,145127	0,814571	0,715278	1,043752	0,997765	-0,7525	0,521686	-1,11236	1,29366	0,312251
0,145127	0,789919	0,681042	1,036102	0,959573	-0,80927	0,355596	-1,11236	1,24407	0,213703
0,301592	-1,60126	-1,34381	-2,00829	-1,29921	0,072367	0,687776	-0,66296	0,654717	0,812573
0,066895	-0,84939	-0,66397	-1,10568	-0,54083	0,085725	1,538985	-1,05244	1,365922	1,343217
0,106011	-0,77544	-0,61995	-1,00624	-0,49172	0,022274	1,476701	-1,05244	1,370428	1,25983
0,106012	-0,8309	-0,66397	-1,08274	-0,54083	0,065688	1,518224	-1,05244	1,36827	1,312895
0,106012	-0,78776	-0,6444	-1,03684	-0,519	0,05233	1,518224	-1,02248	1,380396	1,312895
-0,08957	-1,29311	-1,00144	-1,69468	-0,91729	0,346209	1,80888	-0,9326	1,33133	1,654023
-0,05045	-1,14521	-0,8645	-1,4958	-0,76452	0,276079	1,725836	-0,99252	1,347856	1,578217
-0,05045	-1,29311	-1,00633	-1,69468	-0,92275	0,33619	1,788119	-0,96256	1,325594	1,638862
-0,05045	-1,29311	-1,00633	-1,69468	-0,92275	0,33619	1,788119	-0,96256	1,325594	1,638862
-0,08957	-1,36707	-1,06013	-1,78647	-0,98276	0,386284	1,829642	-0,9326	1,312057	1,691926
0,106011	-0,74462	-0,60039	-0,96035	-0,4699	0,008916	1,476701	-1,05244	1,372612	1,244669
0,145127	-0,50427	-0,38029	-0,66968	-0,22438	-0,0512	1,414418	-1,0824	1,415026	1,191605
-0,05045	-1,14521	-0,86939	-1,50344	-0,76998	0,309474	1,767358	-0,99252	1,359448	1,61612
-0,12868	-1,478	-1,10415	-1,92415	-1,03187	0,499828	1,933448	-0,9326	1,329164	1,828378
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-0,01134	-1,10823	-0,88895	-1,45755	-0,7918	0,259381	1,705074	-0,96256	1,334185	1,532733
-0,01134	-0,99114	-0,79113	-1,29692	-0,68268	0,169213	1,642791	-0,99252	1,361496	1,449346
0,106012	-0,8309	-0,66397	-1,08274	-0,54083	0,065688	1,518224	-1,05244	1,36827	1,312895
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-0,05045	-0,2516	-0,00369	-0,41725	0,195733	0,392963	2,161821	-0,99252	1,578977	2,002732
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-0,1678	-0,3009	-0,02815	-0,4708	0,168453	0,48647	2,286388	-0,9326	1,540202	2,086119
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-0,08957	-0,3502	-0,07705	-0,52434	0,113892	0,479791	2,265627	-0,99252	1,567122	2,101281
0,301591	-0,74462	-0,83515	-1,23572	-0,79726	0,813745	1,829642	-0,633	0,953826	1,72983
-0,32426	-0,83707	-0,61995	-0,99095	-0,49172	-0,46864	-0,47485	-0,06375	-0,03517	-0,26388
-0,24603	0,888525	0,847334	1,181438	1,145078	-0,81595	-0,5579	-0,36336	0,252766	-0,39275
-0,36338	0,802245	0,901134	1,066699	1,063238	-0,7191	-0,5579	-0,27348	0,120961	-0,38517
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-0,79366	0,642012	0,651696	0,898416	0,926837	-0,6089	-0,51637	0,205889	-0,20332	-0,53678
-0,71542	-0,53509	-0,31671	-0,60848	-0,15345	-0,38849	-0,41257	0,116008	-0,16796	-0,28662
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-0,63719	-0,50427	-0,28737	-0,55494	-0,12072	-0,40185	-0,41257	0,116008	-0,13793	-0,26388
-0,71542	-0,02974	0,108801	0,041701	0,321221	-0,45194	-0,45409	0,175929	-0,18966	-0,35484
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-1,06747	1,042595	0,989171	1,387967	1,303301	-0,7191	-0,62018	0,116008	-0,22583	-0,69597
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-0,01134	0,46329	0,20662	0,36297	0,430341	0,018934	-0,01811	-0,24352	0,17343	0,190961
-0,4025	1,190502	0,906025	1,288526	1,210549	-0,1614	-0,32952	-0,03379	-0,21137	-0,36243
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-0,36338	0,950153	0,641914	0,990206	0,915925	0,546581	0,210268	0,29577	-0,25601	0,274348
-0,24603	0,980967	0,695714	1,020804	0,975941	0,446395	0,168746	0,116008	-0,20816	0,228864
-0,12868	-1,13904	-1,25577	-1,63348	-1,201	0,042311	0,729298	-0,4832	0,637286	0,501767
0,340707	0,290731	-0,12596	0,125843	0,059332	-0,11799	0,314074	-0,60304	0,579237	0,410799
-0,1678	-2,56266	-2,25842	-3,44635	-2,31949	1,324694	1,538985	-0,12367	0,395846	1,61612
-0,01134	-0,3502	-0,54169	-0,66968	-0,40443	0,62673	0,563208	-0,12367	0,310064	0,911121
0,184243	1,313759	0,842443	1,410915	1,139622	0,062348	0,002656	-0,18359	0,02121	0,06209
-1,53686	1,258294	0,82777	1,250281	1,079605	-1,0564	-1,42987	-0,4832	-0,1791	-1,27968
-0,71542	0,808408	0,475622	0,691886	0,659493	-1,08979	-0,53714	-0,75284	0,486065	-0,70355
-0,12868	0,931664	0,612568	0,951961	0,883189	0,005576	-0,08039	-0,12367	-0,04953	-0,0213
0,145127	0,851547	0,397367	0,745431	0,643125	0,33953	-0,01811	0,026127	-0,06832	0,206122
-0,911	1,05492	0,950044	1,273228	1,226918	-1,48052	-1,13921	-0,69292	0,2428	-1,18871
-0,44161	1,467829	1,047863	1,510354	1,368774	-0,74248	-1,28454	-0,03379	-0,42241	-1,08259
-0,36338	1,135037	0,764188	1,097296	1,052325	-0,6256	-1,0354	-0,03379	-0,28131	-0,86275
0,106012	0,950153	0,485404	0,867819	0,741333	0,356228	-0,05963	0,086048	-0,13019	0,153058
-0,20692	0,340033	0,099019	0,209985	0,310308	0,623391	0,438641	0,056088	0,052066	0,668541
-0,12868	0,931664	0,612568	0,951961	0,883189	0,005576	-0,08039	-0,12367	-0,04953	-0,0213
-0,12868	0,777593	0,519641	0,760729	0,779525	-0,04118	-0,18419	-0,12367	-0,048	-0,08194
-0,20692	1,178177	0,627242	1,150841	0,899557	0,002237	-0,16343	-0,27348	0,210563	0,153058
-0,95012	1,104224	0,959826	1,349721	1,226918	-1,43043	-1,07693	-0,72288	0,26219	-1,15081
-0,12868	-1,13904	-1,25577	-1,63348	-1,201	0,042311	0,729298	-0,4832	0,637286	0,501767
-0,28515	-1,70602	-1,65683	-2,36016	-1,6484	0,516526	0,957671	-0,30344	0,45327	0,827734
-0,48073	1,276783	0,979389	1,395617	1,292389	-0,70909	-1,13921	-0,03379	-0,40001	-1,08259
-0,08957	-0,32555	-0,93297	-0,71557	-0,84091	-0,38849	-0,53714	-0,12367	-0,07071	-0,41549
-0,71542	-0,47962	-0,68842	-0,86091	-0,56811	-0,42188	0,147985	-0,39332	0,474009	0,077251
-0,55896	-0,76311	-1,11883	-1,22807	-1,04824	0,586656	0,480164	0,35569	-0,20351	0,41838
-0,83277	-0,02357	0,094128	-0,28722	0,272116	0,352888	1,393656	-1,02248	1,222464	1,411443
0,340707	-0,60904	-1,30957	-1,06744	-1,26102	-0,06789	-0,49561	0,205889	-0,51977	-0,41549
0,340707	-0,12834	-0,94275	-0,4708	-0,85182	-0,17142	-0,47485	0,145968	-0,45031	-0,45339
0,340707	-0,10985	-0,96721	-0,44785	-0,8791	-0,04786	-0,53714	0,29577	-0,65458	-0,4913
0,262475	1,239806	0,402258	1,227333	0,3485	-0,04452	-0,43333	0,235849	-0,55746	-0,37759
0,340707	1,067246	-0,02325	1,013155	0,168453	-0,21149	-0,5579	0,175929	-0,51291	-0,49888
0,418939	0,124334	-0,8107	-0,15718	-0,71542	-0,15806	-0,64094	0,35569	-0,72292	-0,61259
0,69275	0,500266	0,221293	0,309424	-0,0116	-0,79925	-0,53714	-0,27348	-0,06377	-0,68081
0,653634	0,444802	0,187056	0,240582	-0,04433	-0,76586	-0,51637	-0,27348	-0,08069	-0,67323
0,653634	0,432476	-0,15531	0,225283	-0,05524	-0,76586	-0,51637	-0,30344	-0,05737	-0,65807
0,69275	0,512592	0,235966	0,324723	0,004772	-0,79257	-0,53714	-0,27348	-0,04416	-0,65807
0,69275	0,494104	0,235966	0,301775	0,004772	-0,7692	-0,51637	-0,30344	-0,03683	-0,64291
0,692751	0,469453	-0,13086	0,271179	-0,02796	-0,7525	-0,51637	-0,30344	-0,05683	-0,65049
0,69275	0,537243	0,245747	0,35532	0,010228	-0,80259	-0,53714	-0,24352	-0,07342	-0,68081
0,69275	0,500266	0,221293	0,309424	-0,0116	-0,79925	-0,53714	-0,27348	-0,06377	-0,68081
0,69275	0,500266	0,221293	0,309424	-0,0116	-0,79925	-0,53714	-0,27348	-0,06377	-0,68081
0,69275	0,512592	0,235966	0,324723	0,004772	-0,79257	-0,53714	-0,27348	-0,04416	-0,65807
0,69275	0,494104	0,235966	0,301775	0,004772	-0,7692	-0,51637	-0,30344	-0,03683	-0,64291
0,653635	0,457127	0,201729	0,25588	-0,03342	-0,76252	-0,53714	-0,30344	-0,06358	-0,66565
0,653635	0,457127	0,201729	0,25588	-0,03342	-0,76252	-0,53714	-0,30344	-0,06358	-0,66565
0,223359	-0,11602	-0,49279	-0,4555	-0,34987	-0,71242	-0,51637	-0,3334	0,167312	-0,46855
0,223359	-0,11602	-0,49279	-0,4555	-0,34987	-0,71242	-0,51637	-0,3334	0,167312	-0,46855
0,184243	-0,06671	-0,44388	-0,38666	-0,29531	-0,7358	-0,51637	-0,39332	0,199013	-0,47614
0,106011	-0,06055	-0,44388	-0,37136	-0,29531	-0,73914	-0,51637	-0,39332	0,213009	-0,46097

0,145127	-0,02974	-0,43409	-0,34841	-0,2844	-0,74582	-0,53714	-0,39332	0,207537	-0,47614
0,106012	0,013404	-0,39008	-0,28722	-0,23529	-0,74582	-0,49561	-0,45324	0,259222	-0,43823
0,145127	0,038055	-0,3754	-0,26427	-0,21892	-0,75584	-0,51637	-0,45324	0,25027	-0,45339
0,184243	0,025729	-0,39008	-0,27957	-0,23529	-0,76252	-0,53714	-0,39332	0,215898	-0,48372
0,184243	0,112009	-0,33138	-0,17248	-0,16982	-0,79257	-0,53714	-0,45324	0,272355	-0,47614
0,145127	-0,15299	-0,51235	-0,50139	-0,37169	-0,70909	-0,51637	-0,3334	0,157506	-0,47614
0,106011	-0,04206	-0,41453	-0,36371	-0,26257	-0,73246	-0,49561	-0,39332	0,218066	-0,45339
0,106012	-0,01125	-0,39497	-0,32546	-0,24075	-0,7525	-0,51637	-0,42328	0,233692	-0,46097
0,145127	-0,12834	-0,50257	-0,4708	-0,36078	-0,72244	-0,51637	-0,36336	0,175503	-0,47614
0,184243	0,025729	-0,39008	-0,27957	-0,23529	-0,76252	-0,53714	-0,39332	0,215898	-0,48372
0,184243	0,13666	-0,30204	-0,14188	-0,13708	-0,79925	-0,53714	-0,45324	0,267023	-0,48372
0,184243	0,13666	-0,30204	-0,14188	-0,13708	-0,79925	-0,53714	-0,45324	0,267023	-0,48372
0,145127	0,062706	-0,36073	-0,22602	-0,20256	-0,75584	-0,49561	-0,45324	0,258892	-0,44581
0,145127	0,118172	-0,31671	-0,15718	-0,15345	-0,77922	-0,51637	-0,42328	0,265209	-0,46097
0,145127	0,118172	-0,31671	-0,15718	-0,15345	-0,77922	-0,51637	-0,42328	0,265209	-0,46097
0,145127	0,118172	-0,31671	-0,15718	-0,15345	-0,77922	-0,51637	-0,42328	0,265209	-0,46097
0,184243	-0,00508	-0,41942	-0,31781	-0,26803	-0,7525	-0,53714	-0,36336	0,189958	-0,49888
0,184243	-0,00508	-0,41942	-0,31781	-0,26803	-0,7525	-0,53714	-0,36336	0,189958	-0,49888
0,614519	0,315382	-0,1064	0,079948	0,037509	-0,66901	-0,5579	-0,633	0,203389	-0,41549
0,614519	0,346196	-0,09173	0,118194	0,053876	-0,67235	-0,5579	-0,633	0,207538	-0,41549
0,614519	0,346196	-0,09173	0,118194	0,053876	-0,67235	-0,5579	-0,633	0,207538	-0,41549
0,614519	0,315382	-0,10151	0,079948	0,037509	-0,67903	-0,57866	-0,633	0,193682	-0,43823
0,536287	0,272243	-0,12107	0,026403	0,02114	-0,70241	-0,59942	-0,633	0,223439	-0,42307
0,614519	0,315382	-0,10151	0,079948	0,037509	-0,68237	-0,57866	-0,633	0,206185	-0,42307
0,536287	0,284568	-0,11129	0,041701	0,026597	-0,69907	-0,59942	-0,633	0,222214	-0,42307
0,536287	0,278405	-0,12107	0,034052	0,02114	-0,70241	-0,57866	-0,633	0,238801	-0,40791
0,536287	0,278405	-0,1064	0,034052	0,032053	-0,7191	-0,59942	-0,66296	0,243628	-0,42307
0,536287	0,321544	-0,07216	0,087596	0,0757	-0,72912	-0,62018	-0,69292	0,248203	-0,43065
0,575402	0,309219	-0,1064	0,072298	0,037509	-0,65565	-0,5579	-0,60304	0,21625	-0,37759
0,575402	0,309219	-0,1064	0,072298	0,037509	-0,65565	-0,5579	-0,60304	0,21625	-0,37759
0,614519	0,315382	-0,09173	0,079948	0,042964	-0,65231	-0,5579	-0,60304	0,209818	-0,37759
0,614519	0,315382	-0,10151	0,079948	0,037509	-0,67569	-0,57866	-0,60304	0,221351	-0,39275
0,614519	0,315382	-0,09173	0,079948	0,042964	-0,65231	-0,5579	-0,60304	0,209818	-0,37759
0,614519	0,315382	-0,08684	0,079948	0,053876	-0,66233	-0,5579	-0,60304	0,224164	-0,37759
0,614519	0,315382	-0,10151	0,079948	0,037509	-0,67903	-0,57866	-0,633	0,193682	-0,43823
0,653634	0,352359	-0,08195	0,125843	0,059332	-0,66901	-0,57866	-0,66296	0,203586	-0,41549
0,653634	0,352359	-0,08195	0,125843	0,059332	-0,66901	-0,57866	-0,66296	0,203586	-0,41549
0,614519	0,315382	-0,10151	0,079948	0,037509	-0,68237	-0,57866	-0,633	0,206185	-0,42307
0,614519	0,315382	-0,10151	0,079948	0,037509	-0,68237	-0,57866	-0,633	0,206185	-0,42307
0,614519	0,315382	-0,10151	0,079948	0,037509	-0,68237	-0,57866	-0,633	0,206185	-0,42307
0,575402	0,259916	-0,13086	0,011104	0,010228	-0,69239	-0,59942	-0,633	0,227088	-0,40791
0,575402	0,259916	-0,13086	0,011104	0,010228	-0,69239	-0,59942	-0,633	0,227088	-0,40791
0,536287	0,278405	-0,12107	0,034052	0,02114	-0,70241	-0,57866	-0,633	0,238801	-0,40791
0,536287	0,321544	-0,07216	0,087596	0,0757	-0,72912	-0,62018	-0,69292	0,248203	-0,43065
0,536287	0,241428	-0,15042	-0,01184	-0,0116	-0,69573	-0,59942	-0,60304	0,215679	-0,42307
0,614519	0,315382	-0,10151	0,079948	0,037509	-0,67569	-0,57866	-0,60304	0,221351	-0,39275
0,614519	0,315382	-0,09173	0,079948	0,042964	-0,65231	-0,5579	-0,60304	0,209818	-0,37759
0,614519	0,333871	-0,08684	0,102895	0,053876	-0,63896	-0,5579	-0,57308	0,200167	-0,37001
0,184243	0,54957	0,294657	0,370619	0,430341	-1,03302	-0,37105	-0,60304	0,499637	-0,45339
0,223359	0,6605	0,353348	0,508305	0,506725	-1,02968	-0,41257	-0,633	0,483997	-0,46097

0,184243	0,635848	0,348457	0,477707	0,490357	-1,0397	-0,41257	-0,633	0,489429	-0,46855
0,184243	0,586546	0,314221	0,416514	0,457621	-1,023	-0,37105	-0,60304	0,494848	-0,45339
0,184243	0,635848	0,348457	0,477707	0,490357	-1,0397	-0,41257	-0,633	0,489429	-0,46855
0,184243	0,586546	0,314221	0,416514	0,457621	-1,023	-0,37105	-0,60304	0,494848	-0,45339
0,223359	0,672826	0,353348	0,523603	0,506725	-1,01966	-0,39181	-0,633	0,485133	-0,44581
0,223359	0,6605	0,353348	0,508305	0,506725	-1,02968	-0,41257	-0,633	0,483997	-0,46097
0,223359	0,61736	0,324003	0,462409	0,468533	-1,01298	-0,39181	-0,60304	0,482407	-0,44581
0,184243	0,586546	0,314221	0,416514	0,457621	-1,023	-0,37105	-0,60304	0,494848	-0,45339
0,223359	0,61736	0,324003	0,462409	0,468533	-1,01298	-0,39181	-0,60304	0,482407	-0,44581
0,223359	0,6605	0,353348	0,508305	0,506725	-1,02968	-0,41257	-0,633	0,483997	-0,46097
0,184243	0,586546	0,314221	0,416514	0,457621	-1,023	-0,37105	-0,60304	0,494848	-0,45339
0,223359	0,6605	0,353348	0,508305	0,506725	-1,02968	-0,41257	-0,633	0,483997	-0,46097
0,223359	0,6605	0,353348	0,508305	0,506725	-1,02968	-0,41257	-0,633	0,483997	-0,46097
0,223359	0,672826	0,353348	0,523603	0,506725	-1,01966	-0,39181	-0,633	0,485133	-0,44581
0,223359	0,672826	0,353348	0,523603	0,506725	-1,01966	-0,39181	-0,633	0,485133	-0,44581
-0,24603	0,007241	-0,28737	-0,27957	-0,12072	-0,53209	0,044179	-0,57308	0,599349	0,046929
0,02778	0,340033	-0,10151	0,125843	0,086612	-0,64563	0,314074	-0,72288	0,908914	0,213703
-0,08957	0,272243	-0,11618	0,049351	0,070244	-0,57216	0,189507	-0,633	0,75031	0,145477
0,223359	-0,17764	-0,79602	-0,53199	-0,68814	-0,72578	-0,5579	-0,12367	-0,13919	-0,71113
0,379822	0,586546	0,260421	0,431813	0,457621	-0,20815	0,646253	-0,72288	0,936727	0,607896
0,418939	0,635848	0,284875	0,485357	0,4849	-0,23153	0,687776	-0,75284	0,962021	0,600315
0,262475	0,413987	0,172383	0,225283	0,353956	-0,16474	0,58397	-0,72288	0,878245	0,585154
0,379823	0,537244	0,20662	0,355321	0,397604	-0,1781	0,729298	-0,72288	0,93982	0,638218
0,106012	0,192126	0,020764	-0,05009	0,190276	-0,03784	0,667014	-0,69292	0,841914	0,683702
-0,32426	1,153525	0,235966	1,135542	0,463077	0,05233	0,106462	0,175929	-0,16003	0,024187
-0,28515	1,18434	0,250638	1,16614	0,479444	0,065688	0,106462	0,205889	-0,17054	0,031767
-0,28515	1,258294	0,319112	1,25793	0,555829	0,045651	0,127223	0,175929	-0,14477	0,031767
-0,28515	1,122712	0,211511	1,104945	0,435796	0,032292	0,085701	0,145968	-0,15445	0,009026
-0,28515	1,067246	0,157711	1,028453	0,375781	0,072367	0,106462	0,205889	-0,18976	0,016606
-0,28515	1,067246	0,157711	1,028453	0,375781	0,072367	0,106462	0,205889	-0,18976	0,016606
-0,32426	1,153525	0,235966	1,135542	0,463077	0,05233	0,106462	0,175929	-0,16003	0,024187
0,223359	0,672826	0,353348	0,523603	0,506725	-1,01966	-0,39181	-0,633	0,485133	-0,44581
0,614519	0,241428	-0,25802	-0,01184	-0,15891	-0,53209	-0,08039	-0,57308	0,510042	0,069671
0,575403	0,253754	-0,25802	0,003455	-0,15891	-0,55547	-0,08039	-0,45324	0,379734	-0,03646
0,301591	0,605035	0,265312	0,439462	0,424885	-1,09313	-0,39181	-0,633	0,563122	-0,46855
0,458054	0,611198	0,196838	0,447111	0,332133	-0,89276	-0,47485	-0,57308	0,404171	-0,39275
0,379822	0,487941	0,128365	0,294126	0,261204	-0,78589	-0,51637	-0,60304	0,346011	-0,34726
0,614519	0,413987	-0,13086	0,202336	-0,0116	-0,56549	-0,24648	-0,42328	0,346456	-0,07436
0,536287	0,1798	-0,29226	-0,08834	-0,1971	-0,51873	-0,10115	-0,51316	0,406444	-0,00614
0,536287	0,192126	-0,28247	-0,07304	-0,18619	-0,49869	-0,10115	-0,51316	0,412355	0,016606
0,614519	0,432476	-0,11618	0,225283	-0,00068	-0,58218	-0,26724	-0,39332	0,334907	-0,0971
0,614519	0,432476	-0,11618	0,225283	-0,00068	-0,58218	-0,26724	-0,39332	0,334907	-0,0971
0,614519	0,432476	-0,11618	0,225283	-0,00068	-0,58218	-0,26724	-0,39332	0,334907	-0,0971
0,49717	0,229102	-0,25313	-0,02714	-0,15345	-0,51539	-0,12191	-0,4832	0,381858	-0,00614
0,653634	0,383173	-0,16509	0,164089	-0,04979	-0,56882	-0,22572	-0,42328	0,33134	-0,08952
0,614519	0,432476	-0,11618	0,225283	-0,00068	-0,58218	-0,26724	-0,39332	0,334907	-0,0971
0,614519	0,432476	-0,11618	0,225283	-0,00068	-0,58218	-0,26724	-0,39332	0,334907	-0,0971
0,614519	0,432476	-0,11618	0,225283	-0,00068	-0,58218	-0,26724	-0,39332	0,334907	-0,0971
0,536287	0,185963	-0,29226	-0,08069	-0,19164	-0,49535	-0,08039	-0,51316	0,408409	0,016606
0,536287	0,185963	-0,29226	-0,08069	-0,19164	-0,49535	-0,08039	-0,51316	0,408409	0,016606

0,575402	0,333871	-0,18955	0,102895	-0,07707	-0,53877	-0,20496	-0,45324	0,365029	-0,04404
0,536287	0,210614	-0,28247	-0,05009	-0,18073	-0,49535	-0,05963	-0,45324	0,391174	0,024187
-0,71542	-0,4673	-0,84493	-0,85326	-0,7427	1,004098	0,93691	0,655293	-0,29657	0,736766
-0,75454	-0,92335	-1,08948	-1,404	-1,0155	0,426358	0,750059	0,086048	0,116359	0,600315
0,223359	-0,47346	-1,14817	-0,89915	-1,08097	-0,16474	-0,32952	0,056088	-0,2912	-0,33968
-0,67631	-0,89253	-1,09437	-1,38106	-1,02096	1,007438	0,999194	0,565412	-0,1703	0,842895
-0,63719	-0,89253	-1,08459	-1,36576	-1,01004	0,316153	0,667014	0,086048	0,128648	0,509347
0,49717	-0,07904	-0,82048	-0,4096	-0,71542	-0,54879	-0,49561	-0,18359	-0,1236	-0,55952
-0,55896	-0,29474	-0,5906	-0,63143	-0,45899	-0,15472	0,044179	-0,39332	0,405466	0,251606
-0,4025	-0,07904	-0,44388	-0,37901	-0,29531	-0,72244	0,023417	-0,45324	0,414283	-0,24114
-0,71542	-0,80625	-0,90362	-1,25102	-0,80817	-0,27828	0,272552	-0,36336	0,477623	0,221283
-0,67631	-1,0959	-1,15795	-1,63348	-1,09188	-0,11131	0,480164	-0,39332	0,465744	0,388057
-0,67631	-1,03428	-1,09926	-1,55699	-1,02641	-0,16808	0,438641	-0,39332	0,486686	0,342573
-0,63719	-1,00346	-1,08948	-1,51874	-1,0155	-0,16808	0,438641	-0,39332	0,486686	0,342573
-0,67631	-1,0959	-1,15795	-1,63348	-1,09188	-0,11131	0,480164	-0,39332	0,465744	0,388057
-0,71542	-1,08974	-1,13839	-1,62583	-1,07006	-0,13135	0,480164	-0,36336	0,463356	0,365315
-0,63719	-0,88637	-0,98677	-1,36576	-0,90092	-0,24823	0,334835	-0,39332	0,495063	0,266767
-0,71542	-1,02811	-1,09437	-1,54169	-1,02096	-0,15138	0,438641	-0,36336	0,453639	0,334993
-0,63719	-0,88637	-0,98677	-1,36576	-0,90092	-0,24823	0,334835	-0,39332	0,495063	0,266767
-0,67631	-0,63369	-0,77157	-1,05214	-0,66086	-0,3384	0,189507	-0,39332	0,494846	0,168219
0,184243	0,438638	-0,03304	0,232932	0,162996	-0,70575	-0,10115	-0,60304	0,610726	-0,0971
0,379822	0,962479	0,852225	0,883118	1,046869	-0,58218	0,41788	-1,05244	1,278908	0,562412
0,379823	1,005618	0,886462	0,936663	1,079605	-0,5922	0,438641	-1,05244	1,295908	0,562412
0,379822	1,061083	0,954935	1,005505	1,155989	-0,5755	0,438641	-1,0824	1,276585	0,554831
0,379823	1,017944	0,886462	0,951961	1,079605	-0,5922	0,438641	-1,05244	1,284173	0,554831
0,379823	1,017944	0,886462	0,951961	1,079605	-0,5922	0,438641	-1,05244	1,284173	0,554831
0,379823	1,005618	0,891352	0,936663	1,090517	-0,61224	0,41788	-1,05244	1,296025	0,53967
0,262475	1,061084	0,964717	1,005505	1,166901	-0,54879	0,480164	-1,05244	1,274451	0,577573
0,301592	1,079572	0,969607	1,028453	1,172357	-0,57884	0,459402	-1,0824	1,285048	0,547251
0,379823	1,017944	0,886462	0,951961	1,079605	-0,5922	0,438641	-1,05244	1,284173	0,554831
0,379823	1,048758	0,935371	0,990206	1,134165	-0,58218	0,438641	-1,0824	1,280075	0,554831
0,379822	1,061083	0,954935	1,005505	1,155989	-0,5755	0,438641	-1,0824	1,276585	0,554831
0,418939	1,048758	0,93048	0,990206	1,128709	-0,65231	0,397119	-1,05244	1,294213	0,479025
0,262475	1,061084	0,964717	1,005505	1,166901	-0,54879	0,480164	-1,05244	1,274451	0,577573
0,301591	0,876198	0,578332	0,776027	0,763157	-0,78589	0,085701	-0,9326	0,88511	-0,02888
0,301591	0,826897	0,548986	0,714835	0,719509	-0,77588	0,106462	-0,9326	0,889706	-0,01372
0,301591	0,826897	0,548986	0,714835	0,719509	-0,77588	0,106462	-0,9326	0,889706	-0,01372
0,340707	0,833059	0,495186	0,722484	0,681317	-0,81595	0,023417	-0,9326	0,823114	-0,13501
0,418939	0,925502	0,583223	0,837222	0,774069	-0,82931	-0,03887	-0,90264	0,81744	-0,14259
0,418938	0,956315	0,602787	0,875468	0,806805	-0,84601	-0,03887	-0,90264	0,820886	-0,15775
0,340707	0,863873	0,534313	0,760729	0,719509	-0,82931	-0,01811	-0,9326	0,817324	-0,15017
0,106011	0,50643	0,245747	0,317074	0,446709	-0,482	0,500925	-0,87268	1,083414	0,479025
0,145127	0,537243	0,265312	0,362969	0,468533	-0,45528	0,500925	-0,87268	1,093031	0,516928
0,262475	0,808408	0,720169	0,691886	0,905013	-0,53209	0,459402	-1,02248	1,235316	0,623057
0,223359	0,802245	0,705497	0,684237	0,899557	-0,51539	0,500925	-1,02248	1,237072	0,653379
0,262475	0,833059	0,72506	0,722484	0,910469	-0,51873	0,521686	-1,02248	1,251104	0,66096
0,458054	0,974804	0,852225	0,898416	1,041413	-0,76252	0,376358	-0,96256	1,241591	0,312251
0,458054	0,974804	0,852225	0,898416	1,041413	-0,7525	0,355596	-0,99252	1,239689	0,319832
0,497171	1,011781	0,891352	0,944312	1,090517	-0,72244	0,397119	-0,99252	1,266232	0,380477
0,066895	0,648175	0,480513	0,538901	0,654037	-0,64563	0,314074	-0,81276	1,036144	0,274348

0,066895	0,648175	0,480513	0,538901	0,654037	-0,64563	0,314074	-0,81276	1,036144	0,274348
0,106011	0,629686	0,456058	0,508305	0,632213	-0,64229	0,314074	-0,81276	1,045997	0,281928
0,379822	0,962479	0,857116	0,883118	1,046869	-0,58886	0,41788	-1,05244	1,290612	0,554831
0,262475	1,067246	0,959826	1,013155	1,166901	-0,54879	0,480164	-1,05244	1,278077	0,577573
0,262475	1,067246	0,959826	1,013155	1,166901	-0,54879	0,480164	-1,05244	1,278077	0,577573
0,262475	1,067246	0,959826	1,013155	1,166901	-0,54879	0,480164	-1,05244	1,278077	0,577573
0,379823	1,048758	0,935371	0,990206	1,134165	-0,58218	0,438641	-1,0824	1,280075	0,554831
0,379823	1,030269	0,915807	0,967259	1,112341	-0,5922	0,41788	-1,05244	1,264351	0,524509
0,379823	1,005618	0,891352	0,936663	1,090517	-0,61224	0,41788	-1,05244	1,296025	0,53967
0,262475	1,067246	0,959826	1,013155	1,166901	-0,54879	0,480164	-1,05244	1,278077	0,577573
0,301592	1,079572	0,969607	1,028453	1,172357	-0,57884	0,459402	-1,0824	1,285048	0,547251
0,379823	1,030269	0,915807	0,967259	1,112341	-0,5922	0,41788	-1,05244	1,264351	0,524509
0,262475	1,061084	0,964717	1,005505	1,166901	-0,54879	0,480164	-1,05244	1,274451	0,577573
0,301592	1,079572	0,969607	1,028453	1,172357	-0,57884	0,459402	-1,0824	1,285048	0,547251
-0,911	-0,63986	-0,98677	-1,10568	-0,90092	3,01784	1,995731	1,344379	-0,5283	2,139184
-0,911	0,820733	0,255529	0,806625	0,4849	3,722483	2,058015	1,673942	-0,71396	2,321119
0,262475	-0,89253	-1,20197	-1,36576	-1,14099	1,057531	1,123761	-0,18359	0,326544	1,403862
0,02778	0,309219	-0,13086	0,087596	0,053876	-0,64229	0,293313	-0,69292	0,888063	0,198541
-0,08957	0,204451	-0,17976	-0,05009	-0,00068	-0,58218	0,168746	-0,633	0,751398	0,130316
0,340707	0,37701	-0,00858	0,179387	0,190276	-0,47866	0,376358	-0,81276	0,957522	0,372896
0,145127	0,259917	-0,17976	0,018754	-0,00068	-0,55213	0,251791	-0,75284	0,847222	0,221283
0,184243	0,1798	-0,18955	-0,08069	-0,0116	-0,482	0,376358	-0,7828	0,894052	0,327412
0,145127	0,087358	-0,2678	-0,20307	-0,09889	-0,48534	0,355596	-0,7828	0,877479	0,30467
-0,08957	-0,30706	-1,06013	-0,68498	-0,98276	0,787028	0,334835	0,595372	-0,73526	0,206122
0,653634	0,161311	-0,4292	-0,09598	-0,30622	-0,7692	-0,99388	-0,03379	-0,4484	-0,95372
-0,911	-0,55974	-0,84982	-0,9374	-0,74816	3,411906	1,97497	1,643982	-0,63726	2,351442
-0,87189	-0,65218	-0,93297	-1,04449	-0,84091	3,325078	1,97497	1,584062	-0,62998	2,305958
-0,83277	-0,75079	-1,00633	-1,17453	-0,92275	3,151422	1,912686	1,494181	-0,5983	2,21499
-0,87189	-0,54741	-0,84493	-0,91445	-0,7427	3,261627	1,891925	1,554101	-0,62245	2,252893
-0,87189	-0,6152	-0,90852	-1,00624	-0,81363	3,482036	2,058015	1,643982	-0,65336	2,404506
-0,911	-0,60288	-0,88895	-0,9833	-0,7918	3,522111	2,078776	1,643982	-0,65202	2,427248
-0,87189	-0,65218	-0,93297	-1,04449	-0,84091	3,325078	1,97497	1,584062	-0,62998	2,305958
-0,87189	-0,54741	-0,84493	-0,91445	-0,7427	3,261627	1,891925	1,554101	-0,62245	2,252893
-0,87189	-0,65218	-0,93297	-1,04449	-0,84091	3,325078	1,97497	1,584062	-0,62998	2,305958
-0,87189	-0,65218	-0,93297	-1,04449	-0,84091	3,325078	1,97497	1,584062	-0,62998	2,305958
-0,4025	-0,79393	-1,11394	-1,23572	-1,04278	2,099467	1,331373	0,865015	-0,4105	1,600959
-0,75454	1,356899	0,348457	1,372668	0,588565	2,483514	2,120298	0,924936	-0,36028	2,237732
-1,10658	1,172014	0,387585	1,143191	0,632213	1,972565	1,331373	0,745174	-0,34035	1,585798
0,223359	-0,44881	-1,14817	-0,86856	-1,08097	-0,13135	-0,30876	0,056088	-0,30609	-0,32452
-0,71542	-0,49195	-0,69331	-0,87621	-0,57356	-0,22151	0,272552	-0,30344	0,401498	0,221283
1,475069	-1,37323	-1,73019	-2,01594	-1,73024	0,923949	1,559746	-0,51316	0,76431	1,805636
0,223359	0,155149	-0,23846	-0,11128	-0,06616	-0,73246	-0,37105	-0,39332	0,351554	-0,3321
-1,10658	1,05492	0,460949	1,097296	0,714053	4,891322	2,743134	2,183267	-0,7975	3,086763
-1,02835	1,239805	0,504968	1,227333	0,763157	1,939169	1,206806	0,924936	-0,4028	1,532733
-0,83277	1,190502	0,250638	1,166139	0,479444	1,885737	0,874626	1,224538	-0,68581	1,267411
-0,32426	1,190503	0,56855	1,16614	0,834085	3,679069	1,954209	1,793784	-0,65136	2,434829
0,301591	0,173637	-0,12107	-0,09599	0,032053	-0,79591	-0,47485	-0,66296	0,322026	-0,40791
0,223359	0,161311	-0,12107	-0,11128	0,037509	-0,76252	-0,35028	-0,66296	0,356294	-0,3321
0,458055	0,229103	-0,09173	-0,02714	0,064788	-0,77588	-0,47485	-0,66296	0,323457	-0,38517
0,184243	0,173637	-0,1064	-0,08834	0,059332	-0,74582	-0,30876	-0,66296	0,382144	-0,28662

0,614519	0,315382	-0,10151	0,079948	0,037509	-0,68237	-0,57866	-0,633	0,206185	-0,42307
0,066896	0,383173	0,099019	0,171738	0,261204	-0,90278	-0,24648	-0,69292	0,53051	-0,30178
0,262475	0,124334	-0,25313	-0,15718	-0,08252	-0,48534	0,231029	-0,69292	0,748182	0,281928
-0,20692	0,74678	0,77397	0,645992	0,992309	0,012255	1,227567	-1,02248	1,260399	1,047572
-0,4025	-0,04206	-0,41453	-0,32546	-0,26257	-0,62226	0,210268	-0,42328	0,424796	-0,14259
0,458054	0,839222	0,866898	0,730133	0,703141	-0,87606	0,002656	-0,9326	0,962786	-0,13501
0,418939	1,048758	0,93048	0,990206	1,128709	-0,65231	0,397119	-1,05244	1,294213	0,479025
-0,20692	-1,37323	-1,48076	-1,993	-1,45198	0,322832	1,019955	-0,4832	0,486514	0,873218
0,653634	1,116549	0,446277	1,074348	0,637669	-0,69573	0,085701	-0,87268	0,732791	-0,0592
0,575403	1,011781	0,397367	0,944312	0,583109	-0,67903	0,085701	-0,87268	0,712326	-0,08194
0,536287	0,956315	0,363131	0,875468	0,539461	-0,64229	0,127223	-0,90264	0,728795	-0,03646
0,575403	1,05492	0,421822	0,997855	0,610389	-0,71576	0,044179	-0,87268	0,703142	-0,11985
0,614519	1,011781	0,377803	0,944312	0,561285	-0,81929	-0,05963	-0,87268	0,701999	-0,21081
0,614519	1,030269	0,387585	0,967259	0,572197	-0,78256	0,002656	-0,87268	0,715154	-0,16533
0,536287	0,968641	0,36313	0,890767	0,534005	-0,84601	-0,08039	-0,87268	0,705379	-0,24114
-0,4025	-0,59672	-0,99655	-1,02919	-0,91184	0,095744	0,147985	0,116008	-0,12299	0,054509
0,340707	0,85771	0,77397	0,75308	0,959573	-0,65899	0,397119	-1,02248	1,33009	0,53967
0,69275	0,500266	0,221293	0,309424	-0,0116	-0,79925	-0,53714	-0,27348	-0,06377	-0,68081
0,69275	0,568058	-0,05749	0,393566	0,04842	-0,75584	-0,5579	-0,30344	-0,06458	-0,65807
0,731866	0,586546	-0,04282	0,416514	0,064788	-0,74582	-0,53714	-0,30344	-0,04874	-0,63533
0,69275	0,543407	0,270202	0,36297	0,042964	-0,76586	-0,53714	-0,30344	-0,05699	-0,65807
0,653635	0,457127	0,201729	0,25588	-0,03342	-0,76252	-0,53714	-0,30344	-0,06358	-0,66565
0,614519	0,494104	0,221293	0,301775	-0,00614	-0,77588	-0,53714	-0,27348	-0,08091	-0,68081
0,731866	0,586546	-0,04282	0,416514	0,064788	-0,74582	-0,53714	-0,30344	-0,04874	-0,63533
0,653635	0,457127	0,201729	0,25588	-0,03342	-0,76252	-0,53714	-0,30344	-0,06358	-0,66565
0,262475	-0,24544	-0,50257	-0,61613	-0,36078	-0,40853	0,106462	-0,36336	0,423527	0,084832
0,262475	-0,26392	-0,52213	-0,63908	-0,3826	-0,41855	0,085701	-0,36336	0,429618	0,077251
0,262475	-0,20846	-0,47322	-0,57024	-0,32804	-0,42856	0,085701	-0,39332	0,431361	0,06209
0,262475	-0,24544	-0,50257	-0,61613	-0,36078	-0,42188	0,085701	-0,36336	0,426326	0,069671
0,262475	-0,18381	-0,43898	-0,53964	-0,28985	-0,44526	0,06494	-0,36336	0,427165	0,054509
0,262475	-0,26392	-0,50257	-0,63908	-0,36078	-0,42188	0,085701	-0,36336	0,421937	0,069671
0,223359	-0,15916	-0,40964	-0,50904	-0,25712	-0,47532	0,023417	-0,42328	0,438436	0,024187
0,262475	0,395499	-0,03304	0,179387	0,162997	-0,62226	-0,01811	-0,60304	0,59752	-0,00614
0,106011	-0,32555	-0,5368	-0,71557	-0,39897	-0,4653	-0,01811	-0,3334	0,371161	-0,0213
0,262475	-0,14683	-0,41942	-0,49374	-0,26803	-0,4319	0,106462	-0,39332	0,44268	0,084832
0,301592	0,105846	-0,19444	-0,18013	-0,03342	-0,57216	-0,01811	-0,51316	0,437564	-0,05162
0,106011	-0,34404	-0,52213	-0,73852	-0,3826	-0,47198	-0,10115	-0,27348	0,277646	-0,10468
0,340707	0,241428	-0,08195	-0,01184	0,070245	-0,7692	-0,41257	-0,66296	0,345769	-0,34726
0,262475	0,198288	-0,10151	-0,06539	0,042964	-0,76252	-0,37105	-0,69292	0,364291	-0,32452
0,418939	0,253754	-0,08684	0,003455	0,059332	-0,76252	-0,45409	-0,66296	0,315431	-0,37001
0,223359	0,598872	0,319112	0,431813	0,463077	-0,88942	-0,30876	-0,66296	0,489353	-0,30936
0,066895	0,007241	-0,29226	-0,27957	-0,12617	-0,31168	0,521686	-0,66296	0,821359	0,463864
-0,05045	-0,00508	-0,26291	-0,30251	-0,09344	-0,26827	0,542447	-0,633	0,817031	0,501767
0,02778	0,050381	-0,25313	-0,23367	-0,08252	-0,31836	0,542447	-0,66296	0,836103	0,471444
0,184243	0,007241	-0,31671	-0,27957	-0,15345	-0,29832	0,58397	-0,66296	0,847504	0,501767
0,614519	0,315382	-0,10151	0,079948	0,037509	-0,68237	-0,57866	-0,633	0,206185	-0,42307
0,614519	0,315382	-0,09173	0,079948	0,042964	-0,65231	-0,5579	-0,60304	0,209818	-0,37759
0,262475	-0,23311	-0,49279	-0,60083	-0,34987	-0,4319	0,044179	-0,3334	0,404351	0,039348
0,106012	0,494104	0,221293	0,301775	0,375781	-0,97625	-0,32952	-0,66296	0,498258	-0,39275
0,106012	0,290731	0,064782	0,049351	0,195732	-0,82597	-0,288	-0,66296	0,424913	-0,31694

0,106012	0,290731	0,064782	0,049351	0,195732	-0,82597	-0,288	-0,66296	0,424913	-0,31694
0,458054	0,826897	0,338676	0,714835	0,517637	-0,99629	-0,20496	-0,72288	0,671227	-0,32452
0,340707	0,666663	0,328893	0,515954	0,4849	-0,9128	-0,43333	-0,69292	0,441518	-0,38517
0,575403	0,820734	0,284875	0,707185	0,452165	-0,94285	-0,41257	-0,60304	0,485436	-0,38517
0,145127	0,524918	0,216402	0,340022	0,370325	-0,99295	-0,32952	-0,633	0,536235	-0,38517
0,458054	0,993292	0,490295	0,921363	0,670405	-0,86938	0,002656	-0,96256	0,768195	-0,2563
0,301592	0,90085	0,602787	0,806625	0,779525	-0,79591	0,085701	-0,9326	0,888801	-0,02888
0,106012	0,697477	0,51475	0,600096	0,697685	-0,63896	0,334835	-0,81276	1,057598	0,30467
0,184243	0,85771	0,397367	0,75308	0,594021	-0,8961	-0,288	-0,84272	0,749065	-0,22597
0,379823	0,863873	0,509859	0,760729	0,681317	-0,8794	0,002656	-0,99252	0,883511	-0,15775
0,418939	0,980967	0,866898	0,906065	1,068693	-0,73914	0,376358	-0,99252	1,269831	0,372896
0,379822	0,931664	0,817988	0,844871	1,008677	-0,71242	0,376358	-0,99252	1,2636	0,403219
0,066895	0,512592	0,250638	0,340022	0,452165	-0,50871	0,500925	-0,87268	1,06308	0,433541
0,02778	0,691314	0,641914	0,561849	0,844997	-0,38515	0,729298	-0,87268	1,253407	0,736766
0,066895	0,752942	0,720169	0,630692	0,915925	-0,4653	0,480164	-1,02248	1,265773	0,645799
0,418939	0,980967	0,646805	0,906065	0,844997	-0,78589	0,023417	-0,90264	0,85631	-0,03646
0,184243	0,728291	0,475622	0,607745	0,681317	-0,55881	0,459402	-0,90264	1,131646	0,42596
0,379822	1,024107	0,632132	0,95961	0,839541	-0,9128	-0,10115	-0,90264	0,838122	-0,21839
0,340707	0,913176	0,793533	0,821924	0,992309	-0,62894	0,376358	-1,05244	1,278691	0,547251
0,418938	0,90085	0,62235	0,806625	0,834085	-0,83933	0,106462	-0,96256	1,025824	-0,0213
0,379822	0,833059	0,348457	0,722484	0,517637	-0,71242	0,085701	-0,81276	0,805481	0,046929
0,379823	0,950153	0,529422	0,867819	0,703141	-0,9128	-0,08039	-0,99252	0,845471	-0,23355
0,223359	0,950153	0,857116	0,875468	1,063238	-0,49202	0,459402	-1,0824	1,24532	0,600315
0,614519	1,005618	0,519641	0,936663	0,741333	-0,78256	0,231029	-0,9326	0,92743	-0,05162
0,614519	1,005618	0,519641	0,936663	0,741333	-0,78256	0,231029	-0,9326	0,92743	-0,05162
0,614519	0,98713	0,490295	0,913714	0,708597	-0,77922	0,231029	-0,9326	0,933593	-0,05162
0,614519	1,005618	0,519641	0,936663	0,741333	-0,78256	0,231029	-0,9326	0,92743	-0,05162
0,575403	0,993292	0,509858	0,921363	0,724965	-0,76586	0,272552	-0,9326	0,936507	-0,02888
0,614519	1,005618	0,519641	0,936663	0,741333	-0,78256	0,231029	-0,9326	0,92743	-0,05162
0,145127	0,771431	0,588114	0,645991	0,370325	-0,91614	-1,3053	-0,27348	-0,46689	-1,34791
-0,4025	0,457127	0,084347	0,370619	0,293941	2,994464	1,912686	1,224538	-0,27199	2,427248
-0,4025	0,919339	0,382694	0,829573	0,626757	3,572204	1,954209	1,793784	-0,5426	2,518216
-0,4025	0,919339	0,382694	0,829573	0,626757	3,572204	1,954209	1,793784	-0,5426	2,518216
-0,4025	0,54957	0,162602	0,485357	0,381237	3,24159	2,016492	1,4043	-0,33562	2,556119
0,106011	-0,26392	-0,47811	-0,63143	-0,3335	-0,49202	-0,03887	-0,36336	0,387741	-0,03646
0,145127	0,42015	0,191947	0,225283	0,381237	-0,11131	0,521686	-0,69292	0,838938	0,607896
0,49717	0,309219	-0,09173	0,110544	0,097524	0,252702	0,93691	-0,60304	0,868546	0,971766
1,123026	-1,82312	-1,9405	-2,57434	-1,96485	1,174415	1,684313	-0,4832	0,732272	1,949668
0,340707	0,974804	0,862007	0,898416	1,052325	-0,5755	0,438641	-1,05244	1,279584	0,569992
0,301592	1,079572	0,969607	1,028453	1,172357	-0,57884	0,459402	-1,0824	1,285048	0,547251
0,379823	1,005618	0,891352	0,936663	1,090517	-0,61224	0,41788	-1,05244	1,296025	0,53967
0,379823	1,030269	0,915807	0,967259	1,112341	-0,5922	0,41788	-1,05244	1,264351	0,524509
0,340707	-0,46113	-1,13839	-0,88386	-1,07006	-0,25825	-0,35028	-0,03379	-0,22582	-0,37759
0,379823	-0,47346	-1,14817	-0,89915	-1,08097	-0,26493	-0,37105	-0,06375	-0,22945	-0,38517
0,106011	-0,26392	-0,47811	-0,63143	-0,3335	-0,49202	-0,03887	-0,36336	0,387741	-0,03646
0,301592	-0,26392	-0,53191	-0,63908	-0,39352	-0,39517	0,106462	-0,36336	0,422324	0,099993
0,418938	-0,49811	-0,88895	-0,89151	-0,7918	0,172553	0,58397	-0,54312	0,54015	0,691283
-0,87189	-0,76311	-1,00633	-1,19748	-0,92275	3,605599	2,265627	1,703903	-0,61463	2,57128
0,301591	0,863873	0,534313	0,760729	0,719509	-0,94285	-0,22572	-0,96256	0,921522	-0,17291
0,301591	0,863873	0,534313	0,760729	0,719509	-0,94285	-0,22572	-0,96256	0,921522	-0,17291

0,340707	0,882362	0,563659	0,783677	0,752245	-0,95287	-0,22572	-0,99252	0,94508	-0,16533
0,301591	0,863873	0,534313	0,760729	0,719509	-0,94285	-0,22572	-0,96256	0,921522	-0,17291
0,301591	0,863873	0,534313	0,760729	0,719509	-0,94285	-0,22572	-0,96256	0,921522	-0,17291
0,301591	0,863873	0,534313	0,760729	0,719509	-0,94285	-0,22572	-0,96256	0,921522	-0,17291
-0,95012	-0,66451	-0,90852	-1,06744	-0,81363	4,099851	2,473239	1,973545	-0,69207	2,866925
-0,75454	1,356899	0,348457	1,372668	0,588565	2,483514	2,120298	0,924936	-0,36028	2,237732
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-0,75454	1,33841	0,338676	1,34972	0,577653	2,550305	2,182582	0,924936	-0,35497	2,298377
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-0,75454	1,33841	0,338676	1,34972	0,577653	2,550305	2,182582	0,924936	-0,35497	2,298377
0,731866	-1,44102	-1,57368	-2,06184	-1,55565	0,797047	1,227567	-0,4832	0,68005	1,479669
-0,63719	1,363062	0,333785	1,380318	0,572197	1,929151	1,538985	0,775134	-0,36951	1,722249
-0,48073	1,418527	0,358239	1,449161	0,599477	2,213012	1,954209	0,745174	-0,30473	2,048216
-0,67631	1,369224	0,343567	1,387967	0,583109	2,169598	1,767358	0,835055	-0,3925	1,911765
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-0,75454	1,165852	0,191947	1,135542	0,413973	1,745476	0,708537	1,314419	-0,73589	1,153701
0,536287	0,993292	0,353348	0,974908	0,594021	-0,42188	-0,89008	-0,21355	-0,46277	-0,83242
1,005677	-0,16532	-0,55637	-0,51669	-0,81363	-0,51539	-1,32606	-0,06375	-0,88048	-1,16597
0,88833	-0,10985	-0,49768	-0,44785	-0,75361	-0,51539	-1,26378	-0,03379	-0,86432	-1,14323
1,005678	0,068869	-0,35584	-0,22602	-0,6063	-0,57216	-1,34682	-0,06375	-0,86387	-1,20388
0,927446	0,038055	-0,33628	-0,26427	-0,58448	-0,54211	-1,3053	-0,06375	-0,876	-1,18113
-0,01134	1,005618	-0,06238	0,936662	0,13026	0,957345	0,397119	0,625333	-0,46596	0,714025
0,849214	-0,95416	-1,36337	-1,41165	-1,37014	0,249362	-0,30876	0,775134	-1,05433	-0,58226
0,066895	-0,48579	-1,06013	-0,9068	-0,98276	0,863838	0,106462	0,924936	-0,92115	-0,0213
-0,51984	1,128874	0,099019	1,089647	0,310308	2,303179	1,705074	0,894975	-0,39132	2,078539
0,379823	-0,84323	-1,47097	-1,35811	-1,47381	0,2694	-0,76551	1,014816	-1,15337	-0,64291
0,379823	-0,84323	-1,47097	-1,35811	-1,47381	0,2694	-0,76551	1,014816	-1,15337	-0,64291
0,301592	-0,86788	-1,48076	-1,38871	-1,47926	0,232665	-0,82779	1,014816	-1,16465	-0,68839
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-0,32426	-0,55974	-1,00633	-1,00624	-0,92275	1,201131	0,189507	1,194578	-0,95843	0,236445
-0,44161	-0,86788	-1,23132	-1,38871	-1,17373	1,631932	0,500925	1,4043	-0,97561	0,562412
-0,44161	-1,05276	-1,39272	-1,61818	-1,35377	1,661988	0,542447	1,494181	-1,02457	0,532089
-0,44161	-1,08974	-1,41228	-1,66408	-1,3756	1,695383	0,542447	1,524141	-1,03969	0,547251
-0,01134	-0,40567	-0,99655	-0,81501	-0,91184	0,910591	0,127223	1,014816	-0,92898	0,016606
-0,08957	-0,04822	-0,83515	-0,35606	-0,73179	0,392963	-0,03887	0,685253	-0,89069	-0,30178
0,066895	-0,48579	-1,06013	-0,9068	-0,98276	0,863838	0,106462	0,924936	-0,92115	-0,0213
0,379823	-0,75695	-1,30957	-1,23572	-1,26102	0,369586	-0,10115	0,954896	-1,06028	-0,42307
0,418939	-0,74462	-1,30957	-1,23572	-1,26102	0,362907	-0,10115	0,954896	-1,05893	-0,43823
0,49717	-0,63369	-1,2411	-1,09803	-1,18464	0,219307	-0,288	0,835055	-1,06773	-0,5671
0,458054	-0,60904	-1,21664	-1,06744	-1,15736	0,165874	-0,35028	0,805094	-1,06409	-0,60501
0,262475	-0,60288	-1,19708	-1,05979	-1,13553	0,032292	-0,5579	0,775134	-1,09668	-0,7642
0,653635	0,980967	0,641914	0,906065	0,441252	-0,50871	-0,89008	-0,15363	-0,26484	-0,66565
0,731866	0,333871	-0,23846	0,102895	-0,1098	0,319493	-0,35028	0,32573	-0,77608	-0,24872
1,162142	-0,2516	-0,92319	-0,62378	-0,85182	0,199269	-0,91084	0,954896	-1,30502	-0,90823
0,88833	-0,55358	-1,20197	-0,9833	-1,15736	0,152516	-0,86931	1,014816	-1,17677	-0,75662

1,670649	0,155149	-0,19933	0,783677	-0,33896	1,090926	-0,32952	1,913625	-1,65677	-0,7642
1,318605	-0,21462	-0,66886	-0,57789	-0,90638	1,271261	-0,20496	1,554101	-1,42887	-0,52162
1,005678	0,709803	0,231075	0,569499	0,059332	-0,54879	-0,74475	-0,30344	-0,10795	-0,5671
0,497171	1,036432	0,700606	0,974908	0,550373	-0,78256	-1,36758	-0,3334	-0,55319	-1,35549
0,536287	1,104224	0,749515	1,05905	0,610389	-0,75918	-1,38834	-0,30344	-0,59159	-1,35549
0,49717	1,09806	0,739733	1,0514	0,604933	-0,77254	-1,38834	-0,30344	-0,5842	-1,36307
0,340707	1,061084	0,710387	1,005505	0,583109	-0,79591	-1,40911	-0,3334	-0,55716	-1,35549
0,536287	1,073409	0,72506	1,020804	0,588565	-0,74582	-1,36758	-0,30344	-0,57563	-1,33275
0,262475	1,030269	0,690823	0,967259	0,561285	-0,80927	-1,42987	-0,3334	-0,56842	-1,37823
0,49717	1,122712	0,759297	1,081998	0,615845	-0,79925	-1,40911	-0,3334	-0,56105	-1,36307
0,262475	1,030269	0,690823	0,967259	0,566741	-0,81595	-1,42987	-0,3334	-0,55855	-1,37823
0,262475	1,017944	0,690824	0,951961	0,555829	-0,81261	-1,40911	-0,3334	-0,56443	-1,38581
0,379823	1,017944	0,681042	0,951961	0,534005	-0,77588	-1,40911	-0,27348	-0,58313	-1,36307
0,497171	1,011781	0,661478	0,944312	0,506725	-0,7692	-1,40911	-0,30344	-0,56809	-1,34791
0,379823	1,017944	0,681042	0,951961	0,534005	-0,77588	-1,40911	-0,27348	-0,58313	-1,36307
0,575403	1,005618	0,676151	0,936663	0,523093	-0,71576	-1,3053	-0,30344	-0,54865	-1,29484
0,575403	0,974804	0,651696	0,898416	0,490357	-0,71576	-1,3053	-0,30344	-0,55365	-1,30242
0,536287	0,980967	0,656587	0,906065	0,501269	-0,7358	-1,32606	-0,30344	-0,55315	-1,31759
0,536287	0,94399	0,632132	0,86017	0,468533	-0,72912	-1,32606	-0,30344	-0,55896	-1,31759
0,575403	0,974804	0,651696	0,898416	0,490357	-0,71576	-1,3053	-0,30344	-0,55365	-1,30242
0,575403	0,962478	0,641914	0,883117	0,479444	-0,68905	-1,28454	-0,30344	-0,5516	-1,27968
0,536287	0,98713	0,661478	0,913714	0,506725	-0,74248	-1,32606	-0,3334	-0,54716	-1,32517
0,575403	0,937827	0,62235	0,85252	0,457621	-0,68237	-1,28454	-0,30344	-0,54472	-1,2721
0,575403	0,962478	0,641914	0,883117	0,490357	-0,69907	-1,28454	-0,30344	-0,54749	-1,28726
-0,20692	-0,5166	-1,04057	-0,9527	-0,96094	1,247885	0,314074	1,134657	-0,92529	0,30467
1,357721	-0,95416	-1,70574	-1,4958	-1,75206	0,77367	-1,13921	1,793784	-1,76948	-1,06742
1,279489	-1,05893	-1,76932	-1,62583	-1,81753	0,830442	-1,09769	1,823744	-1,78372	-1,05984
1,279489	-1,05893	-1,76932	-1,62583	-1,81753	0,830442	-1,09769	1,823744	-1,78372	-1,05984
1,318605	-1,02811	-1,74976	-1,58759	-1,80662	0,807065	-1,09769	1,823744	-1,77047	-1,07501
1,318605	-1,02811	-1,74976	-1,58759	-1,80662	0,807065	-1,09769	1,823744	-1,77047	-1,07501
1,318605	-1,02811	-1,74976	-1,58759	-1,80662	0,807065	-1,09769	1,823744	-1,77047	-1,07501
1,279489	-1,07125	-1,76932	-1,64113	-1,82299	0,8438	-1,07693	1,823744	-1,78133	-1,06742
1,279489	-1,07125	-1,76932	-1,64113	-1,82299	0,8438	-1,07693	1,823744	-1,78133	-1,06742
1,318605	-1,08974	-1,78399	-1,66408	-1,8339	0,853819	-1,05616	1,853704	-1,7732	-1,06742
1,318605	-1,08974	-1,78399	-1,66408	-1,8339	0,853819	-1,05616	1,853704	-1,7732	-1,06742
1,318605	-1,08974	-1,78399	-1,66408	-1,8339	0,853819	-1,05616	1,853704	-1,7732	-1,06742
1,318605	-1,03428	-1,75465	-1,59524	-1,80662	0,830442	-1,07693	1,823744	-1,77134	-1,06742
1,396837	-0,90486	-1,68618	-1,4346	-1,73569	0,770331	-1,13921	1,823744	-1,77887	-1,07501
1,318605	-1,00346	-1,73998	-1,55699	-1,79025	0,810405	-1,11845	1,823744	-1,78744	-1,08259
1,318605	-1,00346	-1,73998	-1,55699	-1,79025	0,810405	-1,11845	1,823744	-1,78744	-1,08259
1,357721	-0,95416	-1,71063	-1,4958	-1,75752	0,787028	-1,13921	1,853704	-1,78544	-1,08259
1,357721	-3,31452	-2,01876	-2,04654	-2,05214	1,017456	-0,84855	1,793784	-1,72982	-0,89307
1,396837	-3,28987	-2,00409	-2,02359	-2,03577	1,030815	-0,84855	1,853704	-1,742	-0,89307
1,435953	-3,22208	-1,95518	-1,93945	-1,98121	1,027475	-0,84855	1,793784	-1,73544	-0,89307
1,435953	-3,22208	-1,95518	-1,93945	-1,98121	1,034154	-0,84855	1,793784	-1,73752	-0,89307
1,435953	-3,15429	-1,90627	-1,84766	-1,92665	1,010777	-0,84855	1,763823	-1,73658	-0,90823
1,396837	-3,16045	-1,91116	-1,85531	-1,93211	1,004098	-0,86931	1,763823	-1,7335	-0,92339
1,396837	-3,16045	-1,91116	-1,85531	-1,93211	1,004098	-0,86931	1,763823	-1,7335	-0,92339
1,435953	-3,27138	-1,99431	-1,98535	-2,02486	1,024136	-0,84855	1,883664	-1,74351	-0,90823
1,435953	-3,27138	-1,99431	-1,98535	-2,02486	1,024136	-0,84855	1,883664	-1,74351	-0,90823

0,849214	-0,92951	-1,3487	-1,36576	-1,34286	0,242683	-0,32952	0,775134	-1,05372	-0,58984
0,770982	-0,87404	-1,31446	-1,34281	-1,29376	0,055669	-0,80703	0,775134	-1,17072	-0,88549
0,770982	-0,44265	-1,10415	-0,85326	-1,05369	0,079046	-0,10115	0,894975	-0,9133	-0,61259
0,731866	-0,69532	-1,25577	-1,11333	-1,201	0,426358	-0,57866	1,134657	-1,22242	-0,55194
1,435953	-3,25289	-1,97474	-1,9624	-2,00304	1,000759	-0,89008	1,823744	-1,7444	-0,93097
0,770982	-0,47962	-1,20197	-0,9068	-1,15736	0,018934	-1,15997	0,805094	-1,25104	-1,1963
0,810098	-0,44881	-1,17752	-0,86856	-1,13008	0,005576	-1,13921	0,805094	-1,2698	-1,2342
0,770982	-0,47962	-1,20197	-0,9068	-1,15736	0,025613	-1,11845	0,805094	-1,26363	-1,21904
0,770982	-0,52276	-1,23621	-0,96035	-1,19555	0,042311	-1,11845	0,835055	-1,25724	-1,1963
0,810098	-0,49811	-1,21175	-0,92975	-1,17373	0,028953	-1,09769	0,805094	-1,25155	-1,22662
0,849214	-0,46113	-1,20686	-0,88386	-1,16281	0,042311	-1,07693	0,835055	-1,23467	-1,21146
0,849214	-0,46113	-1,20686	-0,88386	-1,16281	0,042311	-1,07693	0,835055	-1,23467	-1,21146
0,849214	-0,44265	-1,20197	-0,86091	-1,15736	0,042311	-1,07693	0,835055	-1,23849	-1,21904
0,301592	-0,65218	-1,25088	-1,12098	-1,19555	-0,04786	-0,80703	0,715214	-1,05682	-0,82484
0,262475	-0,59672	-1,1873	-1,05214	-1,12462	-0,06789	-0,82779	0,655293	-1,03564	-0,82484
0,262475	-0,63986	-1,22643	-1,10568	-1,16827	-0,0345	-0,80703	0,715214	-1,06018	-0,81726
0,262475	-0,63986	-1,22643	-1,10568	-1,16827	-0,0345	-0,80703	0,715214	-1,06018	-0,81726
0,262475	-0,63986	-1,22643	-1,10568	-1,16827	-0,0345	-0,80703	0,715214	-1,06018	-0,81726
0,262475	-0,63986	-1,22643	-1,10568	-1,16827	-0,0345	-0,80703	0,715214	-1,06018	-0,81726
0,262475	-0,62137	-1,20686	-1,08274	-1,14645	-0,04786	-0,80703	0,685253	-1,04358	-0,81726
0,262475	-0,62137	-1,20686	-1,08274	-1,14645	-0,04786	-0,80703	0,685253	-1,04358	-0,81726
0,262475	-0,62137	-1,20686	-1,08274	-1,14645	-0,04786	-0,80703	0,685253	-1,04358	-0,81726
0,262475	-0,62137	-1,20686	-1,08274	-1,14645	-0,04786	-0,80703	0,685253	-1,04358	-0,81726
0,262475	-0,62137	-1,20686	-1,08274	-1,14645	-0,04786	-0,80703	0,685253	-1,04358	-0,81726
0,927446	0,450964	-0,08195	0,24823	-0,28985	0,042311	-0,41257	0,535452	-0,63151	-0,67323
0,810098	0,457127	-0,13575	0,25588	-0,0116	0,396302	-0,26724	0,265809	-0,66935	-0,07436
0,614519	-1,05276	-1,47587	-1,50344	-1,44653	0,439716	-0,49561	1,134657	-1,26599	-0,62017
0,770982	-0,87404	-1,36826	-1,31221	-1,32649	0,319493	-0,70322	1,074737	-1,2868	-0,73388
0,770982	-0,87404	-1,36826	-1,31221	-1,32649	0,319493	-0,70322	1,074737	-1,2868	-0,73388
0,731866	-0,81241	-1,32425	-1,24337	-1,27739	0,169213	-0,80703	0,954896	-1,22044	-0,8021
0,770982	-0,52276	-1,11394	-0,89915	-1,04824	-0,07791	-1,07693	0,835055	-1,19799	-1,00678
0,770982	-0,4673	-1,0797	-0,82266	-1,00459	-0,12467	-1,11845	0,805094	-1,18488	-1,02952
0,810098	-0,44265	-1,06992	-0,80736	-0,99913	-0,13135	-1,13921	0,805094	-1,19317	-1,04468
0,770982	-0,41799	-1,05035	-0,77677	-0,97731	-0,15472	-1,15997	0,745174	-1,18636	-1,05984
0,731866	-0,92951	-1,41228	-1,38106	-1,3756	0,329511	-0,6617	1,044777	-1,24945	-0,68839
1,240373	-1,82928	0,343567	0,118194	-0,82454	1,394824	-0,57866	2,392989	-1,79944	-0,58226
1,201258	-1,85393	0,328894	0,087597	-0,83545	1,374787	-0,59942	2,422949	-1,80145	-0,58984
1,123026	-1,93405	0,270202	-0,03479	-0,89001	1,378127	-0,59942	2,422949	-1,79365	-0,57468
1,201258	-1,86009	0,314221	0,064649	-0,84091	1,401503	-0,57866	2,422949	-1,79809	-0,5671
1,123026	-1,9587	0,240857	-0,07304	-0,91729	1,431559	-0,57866	2,45291	-1,80355	-0,55952
1,162141	-1,89707	0,279984	0,003455	-0,86819	1,391485	-0,5579	2,422949	-1,78512	-0,5671
1,123026	-1,9587	0,240857	-0,07304	-0,91729	1,431559	-0,57866	2,45291	-1,80355	-0,55952
1,787996	-1,76765	0,328893	0,179387	-0,87364	1,899095	-0,288	2,842393	-1,95413	-0,5292
0,340707	0,580383	-0,43898	0,439462	-0,42625	0,653447	-0,62018	1,494181	-1,38062	-0,58226
0,301591	-0,23311	-0,95742	-0,60084	-1,02641	0,109102	-0,99388	1,254499	-1,40839	-0,96888
0,340707	-0,33788	-1,01612	-0,73087	-1,07552	0,212628	-0,68246	1,164618	-1,2311	-0,71113
1,005678	0,296893	-0,60528	0,057	-0,63358	-0,0512	-0,82779	0,894975	-1,11646	-0,77178
0,731866	0,050381	-0,77157	-0,24897	-0,81908	-0,03116	-0,89008	0,954896	-1,19694	-0,85517
0,810098	0,068869	-0,76179	-0,22602	-0,80272	-0,07457	-0,9316	0,954896	-1,19529	-0,88549
0,88833	0,155149	-0,7031	-0,11893	-0,74816	-0,09795	-0,9316	0,865015	-1,1714	-0,88549

0,106012	-0,36869	-1,06992	-0,76912	-1,12462	0,77701	-0,45409	1,37434	-1,29301	-0,38517
-0,1678	-0,31939	-0,94275	-0,70792	-1,04824	0,690182	0,106462	1,224538	-1,01552	-0,08194
1,787997	-1,97719	0,191947	-0,18013	-0,94457	2,176277	-0,10115	2,962234	-1,87063	-0,28662
0,966561	-1,46567	-2,00898	-2,13068	-2,09579	0,456414	-1,18073	1,194578	-1,6086	-1,1963
1,083909	-1,32393	-0,98677	-0,14953	-0,93366	1,778871	-0,41257	2,54279	-1,95556	-0,51404
0,731866	-1,5273	1,179918	-0,4402	-1,03187	1,845662	-0,47485	2,422949	-1,95996	-0,46097
1,357721	-2,75987	-1,59325	-1,28162	-1,58838	1,505029	-0,35028	2,153307	-1,68292	-0,46097
-0,24603	0,586546	-0,34606	0,416514	-0,18619	0,660126	0,210268	0,835055	-0,7595	0,153058
-0,24603	0,401661	-0,48789	0,187036	-0,34441	0,716898	0,189507	0,924936	-0,82537	0,130316
0,02778	-0,49195	-1,11394	-0,9221	-1,14099	0,610033	-0,26724	1,014816	-1,05892	-0,2563
0,262475	-1,12672	-1,62748	-1,70233	-1,67022	0,583316	-0,5579	1,134657	-1,19598	-0,46097
0,692751	0,198288	-0,68353	-0,06539	-0,72633	-0,18144	-1,11845	1,014816	-1,33022	-1,09017
1,357721	-3,37615	-2,03343	-2,12303	-2,09579	0,960684	-0,89008	1,763823	-1,73139	-0,91581
1,318605	-3,36382	-2,02854	-2,10773	-2,08488	0,940647	-0,89008	1,733863	-1,72865	-0,92339
0,69275	0,081194	-0,71288	-0,21072	-0,77544	0,04899	-0,84855	0,984856	-1,19417	-0,77178
0,066895	-0,44881	-1,0797	-0,86856	-1,10825	0,596675	-0,24648	0,984856	-1,05165	-0,2563
1,94446	-2,03265	0,108801	-0,24132	-1,08097	1,835644	-0,41257	2,842393	-1,94529	-0,53678
0,379823	0,333871	-0,59549	0,102895	-0,66086	-0,26493	-1,42987	1,224538	-1,54683	-1,39339
0,262475	0,22294	-0,67375	-0,03479	-0,73179	-0,12467	-1,34682	1,284459	-1,55981	-1,31
-0,44161	0,648175	-0,20422	0,493007	-0,25712	0,279418	-0,72399	1,43426	-1,31821	-0,65049
1,201257	-1,33009	-1,09437	0,15644	-1,02096	0,783689	-1,40911	2,48287	-2,15449	-1,29484
1,044793	0,623523	-0,82048	0,607745	-0,71542	0,479791	-1,55443	2,093386	-2,09271	-1,38581
-0,4025	0,46329	0,798424	0,263529	-0,6063	-0,10129	-1,57519	1,37434	-1,74171	-1,52226
0,614519	-2,06963	1,028299	0,584797	-0,89547	-0,26827	-1,74128	0,894975	-1,65527	-1,65871
1,318605	-2,39626	-0,18955	0,760729	-0,70451	0,7002	-1,49215	2,333069	-2,16166	-1,37823
-0,12868	-2,72905	0,783752	0,263529	-0,86273	-0,21817	-1,82433	1,074737	-1,79077	-1,7042
0,027779	-2,9201	1,321756	0,271179	-1,03187	-0,64229	-1,9489	0,655293	-1,64794	-1,88613
0,184243	0,531081	1,008735	0,347671	-0,80272	-0,10797	-1,88661	1,4043	-1,94804	-1,74968
0,536287	-3,02487	0,729951	0,232933	-1,17918	-0,55547	-2,01118	0,805094	-1,7246	-1,89371
0,927446	-3,82603	0,221293	-0,41725	-1,70841	-0,7525	-1,90737	1,194578	-1,77312	-2,05291
-0,63719	0,444801	0,769078	0,240581	-0,57902	0,165874	-1,53367	1,4043	-1,86426	-1,545
-0,51984	0,438638	-0,47322	0,232932	-0,57902	-0,04786	-1,51291	1,4043	-1,7457	-1,49952
-0,08957	-1,24997	-1,27045	-1,86296	-1,8339	1,21115	-0,99388	2,363029	-1,92408	-0,82484
-0,08957	-1,42253	-1,38783	-2,07714	-1,9212	0,833782	-1,15997	2,123347	-1,83249	-1,02194
0,810098	-2,72289	-0,20422	-0,92975	-1,40833	0,790368	-0,6617	2,093386	-1,76293	-0,8021
1,044793	-0,1345	-1,31935	-0,47845	-1,27193	0,476451	-1,22225	1,733863	-1,81073	-1,11291
0,966562	-0,28241	-1,41228	-0,66203	-1,3756	0,583316	-1,24302	1,913625	-1,89993	-1,12807
0,966562	-0,28241	-1,41228	-0,66203	-1,3756	0,596675	-1,24302	1,943585	-1,90731	-1,12807
1,005678	-0,2023	-1,35848	-0,56259	-1,31558	0,519865	-1,22225	1,793784	-1,84604	-1,12049
1,005678	-0,21462	-1,36826	-0,57789	-1,32649	0,533223	-1,22225	1,793784	-1,85836	-1,12049
0,731866	-2,92626	-1,08459	-1,27397	-1,59384	0,476451	-1,01464	1,883664	-1,77404	-1,02194
0,69275	-2,95708	-0,39497	-1,30456	-1,61021	0,509846	-0,99388	1,883664	-1,76843	-0,9992
0,69275	-2,91394	-0,36073	-1,25867	-1,57201	0,473112	-1,0354	1,883664	-1,77743	-1,02952
0,770982	-2,95091	-0,39497	-1,29692	-1,61021	0,539902	-0,95236	1,883664	-1,77317	-0,98404
0,731866	-2,96324	-0,40475	-1,31986	-1,61566	0,533223	-1,01464	1,883664	-1,7941	-1,00678
0,69275	-2,95708	-0,39986	-1,31986	-1,60475	0,519865	-1,01464	1,883664	-1,78498	-1,00678
0,69275	-2,95708	-0,39986	-1,31986	-1,60475	0,519865	-1,01464	1,883664	-1,78498	-1,00678
-0,24603	0,444801	-0,48789	0,240581	-0,58448	-0,06455	-1,51291	1,4043	-1,72482	-1,4692
0,262475	0,635848	1,018517	0,477707	-0,54628	0,249362	-1,61672	1,554101	-1,99018	-1,53742
-0,1678	-2,88929	0,734842	0,225283	-0,8791	0,205948	-1,22225	1,134657	-1,58009	-1,14323

0,262475	-2,0573	1,028299	0,347671	-0,80817	-0,11799	-1,86585	1,43426	-1,94225	-1,74968
0,340707	0,752942	1,140791	0,623043	-0,50809	0,232665	-1,42987	1,584062	-1,94463	-1,42371
0,849214	-2,54417	-0,10151	-0,67733	-1,33195	1,124322	-0,39181	2,243188	-1,76645	-0,58984
0,223359	0,672826	-0,49279	0,523603	-0,54083	0,045651	-1,55443	1,643982	-1,95058	-1,47678
1,475068	0,61736	-0,17487	1,426213	0,004772	0,389623	-1,0354	1,014816	-1,44133	-1,18113
0,927446	0,500266	-0,18955	1,250281	-0,0116	0,453074	-0,74475	0,775134	-1,27245	-0,98404
1,787996	0,007241	-0,32649	0,65364	-0,48627	1,000759	-0,47485	1,793784	-1,6442	-0,93097
1,866229	-1,20067	-0,68842	0,187036	-0,87364	1,017456	-0,89008	1,883664	-1,81487	-1,05226
1,592417	-0,73846	-0,36073	0,684237	-0,48627	0,536563	-1,11845	1,793784	-1,77034	-1,18113
1,631533	-0,71997	-0,35095	0,722484	-0,47536	0,536563	-1,09769	1,793784	-1,77208	-1,18871
1,983576	0,697477	-0,45366	0,5542	-0,63358	1,020796	-0,51637	1,793784	-1,60822	-0,84759
1,866227	0,487941	0,001201	1,181438	-0,12072	1,164396	-0,53714	1,703903	-1,64906	-0,69597
2,14004	0,759105	-0,66397	0,630692	-0,54083	1,120982	-0,24648	1,973545	-1,52273	-0,68081
1,709765	0,524918	-0,08684	1,45681	-0,21347	1,080908	-0,53714	1,524141	-1,63201	-0,7263
2,022692	0,093521	0,167492	-0,19542	-1,02096	1,702062	-0,45409	2,572751	-1,8491	-0,54436
1,631532	-0,38102	-0,1064	1,150841	-0,21347	0,362907	-1,13921	1,643982	-1,7165	-1,27968
1,631532	-1,55812	-0,22378	1,05905	-0,34441	0,797047	-1,13921	2,003506	-1,82809	-1,02952

bio17	bio18	bio19	et0	slope	ses.prop	ses.fd	pcps.1	latitude	longitude
-1,47289	-2,5014	-1,27867	2,030954	-0,75649	-0,6114	-0,44673	-1,61981	-8,68	-43,4219
-1,31499	-2,72219	-0,2402	2,664791	-0,82145	-0,72616	-1,02301	-1,12118	-3,54553	-38,8578
-1,34285	-2,75669	-0,3765	2,55531	-0,92135	-0,58596	-0,25341	-1,74275	-3,57419	-38,8887
-1,3057	-2,69459	-0,07145	1,927236	-0,82856	-0,54215	-0,61692	-1,90337	-3,51525	-38,9188
-1,26854	-3,21207	4,452359	1,126297	0,723929	-0,85878	-0,14405	-0,85592	-3,84611	-40,8944
-1,29641	-3,23277	4,30957	1,183918	-0,64107	0,022809	-0,54913	-0,71146	-3,82583	-40,9194
-1,3057	-3,23277	4,244666	1,212729	0,547431	0,555212	-0,02111	-0,88753	-3,8375	-40,9103
-0,43256	-1,02486	2,71293	2,226867	-0,42967	1,093842	-0,19164	0,528458	-6,99444	-34,9628
-0,15391	-0,80407	3,472308	2,140435	-0,59319	1,080739	0,129474	-0,26801	-7,19139	-34,8589
-0,36754	-0,90067	3,35548	2,491926	-0,7538	-0,22727	1,111114	-1,61641	-7,06444	-34,8528
-0,21893	-0,70747	3,589135	2,267202	-0,53243	0,9359	-0,06819	0,158929	-7,11222	-34,8739
-0,22821	-0,84547	3,491779	1,967571	-0,39175	0,80279	0,707973	0,599265	-7,14417	-34,8586
-0,31181	-0,99036	2,966056	2,203819	-0,72296	1,712323	0,585827	1,445114	-7,15361	-34,9336
-0,20035	-0,74197	3,524231	2,238392	-0,59132	2,613822	1,342456	-1,63005	-7,13861	-34,8739
-0,10746	-0,67987	3,50476	2,296013	-0,88277	2,613822	1,342456	-1,63005	-7,17444	-34,8244
-0,72051	-1,39055	1,849706	1,956046	-0,0561	1,376298	2,480058	-1,18045	-6,72425	-35,1447
-0,71122	-1,38365	1,953553	1,829279	-0,38751	0,241511	0,897338	-0,08618	-6,72847	-35,1376
-0,76696	-1,50094	1,869177	1,639128	-0,18214	0,227032	0,946889	-0,11364	-6,74081	-35,1712
-0,72051	-1,39055	1,849706	1,956046	-0,0561	0,887492	1,791067	-0,32458	-6,71872	-35,1483
-0,72051	-1,39055	1,849706	1,956046	-0,0561	0,897527	1,437991	0,061649	-6,71919	-35,1487
-0,7298	-1,39055	1,791293	2,042479	-0,39872	-0,26756	1,346617	-1,10606	-6,70011	-35,1419
-0,77624	-1,48024	1,758841	1,846566	-0,08469	-0,30164	0,787765	0,173516	-6,72025	-35,1612
-0,77624	-1,48024	1,758841	1,846566	-0,08469	-0,274	1,401742	0,262844	-6,723	-35,1589
-0,74838	-1,43194	1,784802	1,984857	-0,403	-0,17622	0,716079	0,106857	-6,71878	-35,1558
-0,77624	-1,48024	1,778312	1,852328	0,088633	0,032548	-0,14129	0,697243	-6,73156	-35,1603
-0,71122	-1,63894	1,382397	0,642276	-0,25904	-0,90664	-1,21181	0,058369	-6,97	-35,7153
-0,80411	-2,05982	1,518696	1,604555	0,371891	0,745215	0,514126	1,067769	-8,03889	-35,2017
-0,57189	-1,36985	2,764853	1,621842	-0,46668	2,400067	1,910488	0,125004	-7,84194	-35,0067
-0,54403	-1,30775	2,790815	1,731323	0,06134	-0,40158	-1,21791	-0,48317	-7,82639	-35,0075
-0,53474	-1,28015	2,842738	1,714036	0,102693	-1,07423	0,245957	-0,15712	-7,82694	-34,9989
-0,82269	-2,06672	1,525186	1,53541	0,137714	-0,61462	-0,46542	0,74899	-8,03944	-35,1972
-0,80411	-2,05982	1,518696	1,604555	0,371891	-0,38382	-0,86784	1,51067	-8,03694	-35,2003
-0,52545	-1,25945	3,017979	1,587269	-0,46643	-0,38189	1,185451	-0,3884	-7,90917	-34,9581
-0,15391	-1,14216	1,960043	0,820903	-0,71248	-0,06327	-0,8139	-0,01989	-8,81833	-35,1864
-0,61834	-1,41815	2,71293	1,627604	-0,23256	-0,48834	1,608846	-0,05296	-8,00361	-34,9472
-0,75767	-2,27371	1,577109	0,371455	0,291948	0,982335	0,883406	-0,18365	-8,69306	-35,8575
-0,75767	-2,27371	1,577109	0,371455	0,291948	1,386642	0,605912	0,655855	-8,69639	-35,8547
-0,75767	-2,27371	1,577109	0,371455	0,291948	0,214256	0,209386	0,708419	-8,69667	-35,8569
-0,76696	-2,29441	1,570619	0,308072	0,776574	0,953536	-0,44231	1,211366	-8,70556	-35,8528
-0,75767	-2,29441	1,5836	0,308072	0,387387	-0,20605	0,970085	0,710977	-8,71	-35,8564
-0,75767	-2,27371	1,577109	0,371455	0,291948	-0,4623	-0,33616	0,303035	-8,69333	-35,8556
-0,70194	-2,21851	1,726389	0,486698	2,001824	0,17312	0,228062	0,850938	-8,71611	-35,8389
-0,72051	-2,24611	1,693937	0,365693	0,231846	-0,79743	-1,79097	1,656172	-8,72083	-35,8469
-0,72051	-2,22541	1,726389	0,371455	1,443456	-1,13709	-0,51059	0,71269	-8,72861	-35,8464
-0,72051	-2,22541	1,726389	0,371455	1,443456	2,100291	-0,06303	0,947008	-8,73278	-35,845
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-0,59976	-1,45264	2,602593	1,662177	-0,54964	-0,58088	0,681644	0,109898	-7,96083	-34,9825
-0,73909	-2,5635	1,382397	1,40288	0,054939	0,144407	0,310755	0,117186	-9,93861	-36,3714
-0,59047	-2,21161	1,921101	1,385594	-0,23408	-0,77638	-0,21226	0,304805	-9,69083	-36,2003

-0,73909	-2,36341	1,75235	1,022578	-0,67828	-1,15641	0,051836	-0,25455	-9,75889	-36,2358
-0,09817	-1,80453	3,556683	0,359931	1,218796	-0,09931	0,632561	0,676892	-9,21167	-35,8644
-0,12604	-1,84593	3,51774	0,319596	0,447581	-0,00739	-0,4939	1,698831	-9,2175	-35,8756
-0,59976	-2,4807	1,862687	1,149346	-0,35182	0,071911	-0,31847	0,116161	-10,5417	-37,0583
0,802825	-1,61824	0,979992	1,097486	-0,56201	-0,38525	0,169431	0,844641	-12,5664	-38,0383
0,774959	-1,61134	0,902107	1,351021	-1,00831	0,367817	0,707067	-0,19025	-12,57	-38,0011
1,137216	-1,39745	1,388887	1,149346	-0,87247	0,994602	0,072371	-0,94149	-12,8839	-38,3392
0,858557	-1,24565	0,597058	-0,39491	1,94163	1,414779	-0,44167	0,957686	-14,7626	-39,6496
1,053618	-1,15596	0,746337	-0,46982	2,5685	1,641058	0,899121	0,988771	-14,7002	-39,596
1,462319	-0,81787	1,246099	-0,13561	2,015521	0,97406	0,266701	0,653496	-14,4873	-39,4508
2,00106	-0,25209	1,973024	0,342645	-0,45252	0,433821	-0,48331	1,088029	-14,5342	-39,1156
0,310527	-1,79073	1,90812	1,408642	-0,47718	1,463679	0,955612	0,487601	-11,9031	-37,5917
0,347681	-1,76313	1,940572	1,293399	-0,42826	1,412829	0,476809	-0,21742	-11,9189	-37,6017
0,347681	-1,82523	1,960043	1,425929	-0,57336	-0,08839	-0,69896	-0,62002	-11,9625	-37,6311
0,310527	-1,81833	1,875668	1,460502	-0,28379	-0,83893	-0,03047	0,0092	-11,9414	-37,6069
0,347681	-1,79073	1,940572	1,362545	-0,09264	0,916994	-0,37563	0,189851	-11,9467	-37,6131
0,431279	-1,77003	2,044418	1,258826	-0,25539	2,679072	1,326683	-1,62986	-11,9986	-37,6614
0,477722	-1,72863	2,135284	1,0802	-0,43827	-0,58067	-1,07869	0,68592	-11,9989	-37,6797
0,477722	-1,73553	2,096342	1,097486	-0,59427	0,228167	0,872096	-0,08424	-12,0069	-37,6819
0,394125	-1,78383	1,986005	1,391356	-0,33206	0,97572	0,311719	0,521404	-11,9975	-37,6475
0,319815	-1,72863	1,940572	1,212729	-0,93263	0,094072	0,883489	-0,00093	-11,8153	-37,6211
-0,75767	-1,63204	-0,73997	0,601941	1,122008	-1,08296	-1,0542	-0,50293	-12,5428	-41,4817
2,075369	-0,24519	1,706917	0,555844	-0,72753	1,765525	0,906375	-1,88883	-14,7422	-39,1056
-0,41399	-1,74933	-0,55174	0,342645	-0,50109	0,234401	0,566324	-1,82657	-15,1828	-40,3411
1,898885	-0,59018	2,304035	0,158256	0,016704	1,252234	-0,00083	-2,12234	-13,3422	-39,1953
0,282661	-1,70793	0,47374	-0,68878	0,927804	4,06706	3,215917	-1,24217	-13,1219	-39,6594
2,140389	-0,19689	1,577109	0,238926	0,17499	3,014133	0,552938	-0,98604	-13,6494	-39,2103
1,397298	-1,14906	1,187685	-0,38339	0,591351	3,807243	1,215568	-1,53089	-13,5539	-39,7019
2,502647	-0,0313	2,427352	0,210115	-0,30051	2,878789	1,602702	-1,69044	-14,0142	-39,1822
1,731689	-0,99726	1,862687	0,452126	-0,11365	1,071889	0,611171	-2,16303	-13,1956	-39,0239
-0,86913	-1,95632	-0,87626	0,083348	-0,69298	-0,66	-1,80947	0,246523	-14,8928	-40,8025
-0,90629	-1,90113	-0,9217	0,077586	-0,45991	-0,37042	-0,78993	0,518589	-14,87	-40,8247
-0,99917	-1,85973	-0,99309	0,135207	-0,48841	-0,12273	-0,82496	0,809096	-14,8553	-40,8703
-0,42328	-1,81833	-0,57121	0,238926	-0,42335	-0,46651	-1,42642	0,473044	-15,2039	-40,2028
-0,34897	-1,94252	-0,48684	-0,23933	1,01022	-0,68308	0,451169	0,19285	-13,9447	-40,1092
-1,17566	-0,81787	-1,00607	1,281875	-0,65071	-0,47776	0,203972	-0,05319	-17,525	-49,4472
-1,10135	0,624173	-0,94117	1,270351	-0,60238	0,187001	-0,08075	0,226968	-18,4483	-50,4517
-1,38001	-0,66608	-1,1229	1,189681	-0,08264	0,52004	0,01401	0,170912	-15,1353	-49,1203
-1,04561	-0,34869	-0,92819	1,051389	-0,49822	-0,73477	0,495677	-0,47994	-17,8017	-51,0894
-0,74838	0,313685	-0,84381	-1,36295	2,389524	1,246367	0,697879	-0,10944	-20,7153	-42,4861
-0,75767	0,244688	-0,8503	-1,3399	1,318671	0,254447	0,602853	0,677355	-20,7219	-42,4786
-0,76696	0,320585	-0,85679	-1,32838	2,553994	1,448828	0,900589	0,248418	-20,7353	-42,4911
-0,83198	0,20329	-0,90223	-1,20161	2,435803	2,389183	0,886069	0,562935	-20,7367	-42,4936
-0,8134	0,051496	-0,88924	-1,20737	2,861971	0,224467	1,041595	0,851454	-20,7317	-42,4636
-0,82269	2,335304	-0,7854	-0,44677	0,178616	0,202208	0,927475	0,073853	-21,5928	-44,5886
-1,12921	0,175691	-0,96064	1,120535	-0,42038	-0,99068	-0,79739	-0,75398	-18,9317	-49,5814
-0,92486	-0,22449	-0,96713	-0,91927	0,35183	0,370545	-0,43906	-0,29105	-20,8003	-42,8586
-0,92486	-0,22449	-0,96713	-0,91927	0,35183	1,436725	0,056247	0,065292	-20,8003	-42,8625
-0,80411	0,996758	-0,88275	-1,15551	0,546466	0,198344	-1,69474	-0,63276	-20,4311	-43,4867
-1,25925	0,548276	-1,20078	-0,33729	0,496197	-0,64161	-0,46252	-1,04824	-19,2797	-43,5933

-0,98988	-1,85973	-1,01256	0,348407	2,439245	0,896557	2,177825	-0,1653	-16,0275	-40,8536
-0,25608	-1,76313	-0,45439	-0,00308	1,820354	1,411306	0,232365	0,356469	-15,8178	-40,5239
-0,66478	-1,90113	-0,7854	0,388742	-0,6516	-1,11158	-0,11972	0,666041	-16,0853	-40,0342
0,226929	-1,76313	-0,16232	-0,36034	-0,1946	0,878415	-0,14506	0,934178	-16,41	-40,0564
-1,12921	-1,07316	-1,10992	-0,11257	0,347353	-1,17878	-2,1535	1,148838	-17,6253	-41,9689
-1,01775	-1,21115	-1,03203	0,066062	-0,32818	-0,92585	-0,11239	0,445502	-17,7525	-41,7378
-1,11064	0,403382	-1,09694	-0,67149	-0,58737	-0,44101	-0,82346	0,06565	-21,5108	-43,1631
-1,10135	0,403382	-1,09045	-0,66573	-0,43375	-0,61462	-0,73807	0,884988	-21,5231	-43,1836
-0,8134	0,762167	-0,72698	0,025727	-0,36815	0,436205	1,746087	-0,0802	-21,425	-45,9842
-0,85984	0,831164	-0,73997	-0,10104	0,616676	0,842636	-1,08654	-0,24145	-21,405	-46,2539
-0,77624	0,70007	-0,86328	-1,04603	3,213568	2,221093	0,886556	-0,16232	-21,3664	-42,9497
-1,11992	0,769067	-1,10343	-0,21052	0,699127	0,289032	-0,07975	0,558755	-20,125	-43,875
-1,01775	0,810465	-1,03203	-0,9135	-0,24532	-0,95423	-0,57013	0,86947	-20,1086	-43,49
-1,0549	0,727668	-1,058	0,066062	0,341675	0,024104	0,137455	0,287921	-20,1239	-44,2183
-1,11992	0,575875	-1,10343	-0,63116	0,365176	3,133362	-0,16647	-0,96477	-20,4942	-43,6056
-0,99917	0,734568	-1,01905	-0,87893	0,362741	1,703116	1,015376	0,704008	-20,385	-43,54
-1,00846	0,755267	-1,02554	-0,88469	0,74027	0,750488	2,190846	-0,04956	-20,3814	-43,5478
-0,98988	0,775966	-1,01256	-0,93655	0,032173	1,647134	2,943839	-1,14019	-20,3786	-43,5411
-1,09206	0,43098	-1,08396	-0,7464	-0,35011	-0,75271	-1,20111	0,340312	-20,1256	-43,3892
-1,09206	0,43098	-1,08396	-0,7464	-0,35011	-0,68353	0,234218	0,659416	-20,1283	-43,3852
-1,14779	0,417181	-1,1229	-0,60235	-0,11157	-0,73963	-1,20249	0,338831	-20,1617	-43,4322
-1,12921	0,368883	-1,10992	-0,65421	-0,50511	-1,12825	-0,52119	0,860562	-20,1625	-43,4083
-0,68336	1,562535	-0,62314	-0,09528	1,63683	0,887808	-0,46352	1,072629	-21,775	-46,5553
-0,68336	1,541836	-0,62963	-0,12985	1,739432	0,078197	-0,64222	0,606192	-21,7833	-46,5308
-0,68336	1,555635	-0,62314	-0,29695	0,650045	0,77461	-0,49907	0,922967	-21,7792	-46,5142
-0,76696	1,521136	-0,67506	-0,07799	-0,40924	0,069002	-0,11463	0,711554	-21,8536	-46,5875
-0,7298	0,230888	-0,83083	-1,39176	1,479159	1,442719	1,172879	0,22488	-20,6256	-42,4111
-0,75767	0,244688	-0,8503	-1,3399	1,318671	0,608858	1,616008	0,316606	-20,7222	-42,4806
-1,07348	0,092894	-1,07098	-0,51015	0,199155	0,846746	1,187036	0,333903	-21,5083	-42,6806
-1,01775	0,541376	-1,03203	-0,88469	0,259609	-0,05328	-0,77152	-1,18941	-22,0048	-43,889
-1,01775	0,541376	-1,03203	-0,88469	0,259609	0,144129	-0,55168	-0,70639	-22,0075	-43,8894
-1,01775	0,548276	-1,03203	-0,85012	1,324028	-0,14546	-2,10341	-0,85993	-22,0116	-43,8759
-0,98059	0,658671	-1,00607	-0,93079	0,956419	0,135258	2,641338	-0,83954	-21,9842	-43,9134
-0,98988	0,644872	-1,01256	-0,89622	0,856403	1,10516	-0,90281	0,510918	-21,9857	-43,9383
-1,03633	0,493078	-1,04501	-0,86741	0,146797	-0,65463	0,200418	0,377739	-21,9957	-43,8671
-0,92486	0,789766	-0,96713	-0,92503	2,406573	0,039847	0,674106	1,304087	-21,9841	-43,8869
-0,72051	1,19685	-0,82434	-1,13247	2,039859	0,697586	1,151668	0,249307	-21,9708	-43,8973
-1,04561	0,479278	-1,0515	-0,89622	1,959108	-0,54467	-1,55618	1,088246	-21,9707	-43,8124
-0,91557	0,789766	-0,96064	-0,99417	2,730525	5,863611	-1,70414	-0,7046	-21,9819	-43,8724
-0,86913	0,824265	-0,92819	-1,0518	3,47487	1,366458	0,777712	1,134527	-21,9643	-43,8001
-0,92486	0,789766	-0,96713	-0,92503	2,406573	-0,59141	-1,34982	1,673883	-21,9888	-43,8856
-0,91557	0,782866	-0,96064	-0,98841	1,486373	0,643461	0,228159	0,850684	-21,9784	-43,858
-0,93415	-0,1624	-0,97362	-0,28543	0,013836	-0,36461	-2,23404	1,760433	-21,2653	-42,2589
-0,897	-0,1417	-0,94766	-0,4122	2,064971	0,166704	-0,02464	1,151665	-21,2747	-42,2347
-0,86913	-0,1417	-0,92819	-0,47558	1,217225	-0,47491	-0,79303	1,463547	-21,2881	-42,2439
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-0,91557	-0,0658	-0,96064	-0,4871	1,322898	-0,26926	-1,49191	1,62757	-21,2958	-42,3172
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-0,83198	-0,1072	-0,90223	-0,6254	-0,01885	-0,37713	-2,40338	1,773794	-21,3356	-42,2575
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-1,18494	-0,44528	-1,14886	-0,28543	-0,09189	3,356967	2,029765	-1,35104	-19,6669	-42,5168
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-0,63691	0,030797	-0,76593	-1,28228	2,125462	2,292075	-0,23043	0,426667	-20,07	-42,0761
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-1,11064	0,617273	-1,09694	-0,69454	2,135409	-0,21999	1,095837	0,102068	-20,5086	-43,6131
-1,10135	0,610373	-1,09045	-0,67726	1,329845	1,543103	-0,5565	0,509167	-20,4797	-43,5931
-1,02704	0,831164	-1,03852	-0,80978	0,223689	-0,23438	-0,15618	0,408446	-20,4475	-43,6072
-1,04561	0,796666	-1,0515	-0,72911	1,268903	1,142737	0,918399	1,019468	-20,4736	-43,6528
-1,02704	0,817365	-1,03852	-0,82707	1,732086	-0,10257	0,425376	0,238864	-20,4378	-43,5892
-1,02704	0,817365	-1,03852	-0,82707	1,732086	0,210534	0,583816	-1,70466	-20,4383	-43,5889
-1,00846	0,851863	-1,02554	-0,82707	0,389401	0,098434	1,283305	0,111158	-20,44	-43,5928
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-1,14779	0,555175	-1,1229	-0,36034	-0,23055	0,796359	-0,67396	-0,19275	-20,51	-43,7197
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-1,04561	0,775966	-1,0515	-0,77521	0,899654	0,015391	2,194922	-0,00894	-20,4697	-43,59
-1,07348	0,70007	-1,07098	-0,74064	0,486853	-0,5326	-0,50444	-0,50712	-20,4697	-43,6
-1,11064	0,617273	-1,09694	-0,69454	2,135409	0,195062	0,899145	-0,07343	-20,51	-43,6097
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0,004002	-1,34915	-0,31809	-0,08375	0,301665	-0,26444	0,021307	0,649543	-20,2808	-40,4769
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0,022579	-1,11456	-0,30511	-0,68302	3,518491	1,889062	-1,49414	1,133899	-19,9	-40,4836
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0,282661	0,106693	-0,12338	-1,41481	1,007961	-0,02574	-0,52957	0,883085	-24,3286	-48,5917
0,329104	0,072195	-0,09092	-1,33414	1,859713	-0,24463	-1,41002	0,19218	-24,3283	-48,5097
0,449856	0,037696	-0,00655	-1,45515	2,185965	0,508724	0,060836	0,419537	-24,4269	-48,59
0,487011	0,141192	0,032393	-0,81555	0,82667	1,222841	1,82322	0,169964	-24,4919	-48,5639
0,301238	0,030797	-0,01304	-0,85588	2,807708	-0,81149	-0,18326	0,745159	-24,5461	-48,6778
0,449856	-0,0727	0,103787	-1,28228	1,776051	0,094862	1,788742	-0,51824	-24,5117	-48,6994
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-0,4047	-0,1072	-0,60367	-0,43525	-0,02227	0,207287	0,645326	-1,85146	-23,3978	-48,3303
-0,4047	-0,1279	-0,60367	-0,43525	-0,15161	1,455398	0,28782	-1,9246	-23,4003	-48,3256
-0,37683	-0,1417	-0,5842	-0,40643	0,204867	1,650074	0,99337	-1,86663	-23,4206	-48,3356
-0,43256	0,051496	-0,62314	-0,38915	-0,14842	1,223739	0,735526	-1,38175	-23,4281	-48,3303
-0,33039	-0,1141	-0,55174	-0,41796	0,519344	-0,2966	-1,05072	1,642461	-23,415	-48,3681
-0,38612	-0,1072	-0,59069	-0,40067	-0,09695	0,205831	0,907535	0,532208	-23,3981	-48,3769
-0,4047	-0,121	-0,60367	-0,35458	-0,18094	0,205831	0,907535	0,532208	-23,3961	-48,3667
-0,35826	-0,121	-0,57121	-0,42372	0,361711	-0,20225	0,343706	0,783449	-23,4133	-48,3589
-0,37683	-0,1417	-0,5842	-0,40643	0,204867	-0,40063	-1,19385	0,562821	-23,4219	-48,335
-0,42328	-0,1417	-0,61665	-0,38339	-0,371	-0,15375	0,099021	1,463585	-23,4344	-48,3322
-0,42328	-0,1417	-0,61665	-0,38339	-0,371	-0,41929	-0,45822	1,32726	-23,4344	-48,3317
-0,4047	-0,1141	-0,60367	-0,42948	0,102302	-0,04718	0,745031	1,067123	-23,4114	-48,325
-0,4047	-0,1348	-0,60367	-0,39491	-0,83458	0,201715	0,534585	1,391199	-23,4197	-48,3247
-0,4047	-0,1348	-0,60367	-0,39491	-0,83458	0,085811	0,556879	1,076865	-23,4203	-48,3211
-0,4047	-0,1348	-0,60367	-0,39491	-0,83458	-0,40722	-0,75692	0,633391	-23,4211	-48,3197
-0,36754	-0,1348	-0,57771	-0,41796	0,046706	-0,67524	-0,37542	0,901327	-23,4258	-48,3525
-0,36754	-0,1348	-0,57771	-0,41796	0,046706	-0,55977	-0,26349	0,722509	-23,4278	-48,3572
-0,46043	0,106693	-0,49982	0,475174	-0,64021	0,189014	0,579277	-1,86322	-22,8364	-49,2322
-0,46972	0,106693	-0,50631	0,498223	-0,52352	0,189014	0,579277	-1,86322	-22,8369	-49,2344
-0,46972	0,106693	-0,50631	0,498223	-0,52352	0,082274	0,327908	-1,98358	-22,8344	-49,2375
-0,46043	0,085994	-0,49982	0,538558	-0,73587	0,095507	-2,50837	-1,95496	-22,8253	-49,2392
-0,47901	0,099794	-0,50631	0,480936	-0,86654	0,098731	1,137302	-2,13222	-22,8117	-49,1992
-0,46972	0,099794	-0,49982	0,584655	-0,7413	0,237499	3,115956	-1,84485	-22,8139	-49,2344
-0,46972	0,099794	-0,50631	0,498223	-0,7494	0,209927	3,021327	-1,83658	-22,8142	-49,2083
-0,47901	0,113593	-0,5128	0,521271	-0,54413	0,133058	1,101585	-2,13496	-22,8036	-49,1917
-0,47901	0,099794	-0,51929	0,521271	-0,48065	0,032817	0,913564	-2,3136	-22,805	-49,1872
-0,49759	0,092894	-0,52578	0,532796	-0,61796	0,22036	-1,3801	-1,91482	-22,8064	-49,1831
-0,46043	0,141192	-0,49982	0,521271	-0,75049	-0,18153	-0,4761	-2,30595	-22,785	-49,2414
-0,46043	0,141192	-0,49982	0,521271	-0,75049	-0,13139	-0,37734	-2,3111	-22,7869	-49,2344
-0,45114	0,141192	-0,49982	0,532796	-0,93095	-0,22172	-1,38284	-2,10535	-22,79	-49,2436
-0,46043	0,127393	-0,49982	0,573131	-0,83054	-0,06182	0,165476	-2,30865	-22,7917	-49,2344
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-0,46043	0,141192	-0,49982	0,561606	-0,82997	-0,15685	0,127688	-2,23139	-22,7822	-49,2489
-0,46043	0,085994	-0,49982	0,538558	-0,73587	-0,38258	-1,4393	0,935867	-22,8275	-49,2361
-0,46043	0,106693	-0,49982	0,515509	-0,58174	-0,42167	-0,70431	0,388559	-22,825	-49,2475
-0,46043	0,106693	-0,49982	0,550082	-0,58174	-0,23087	-1,0772	1,578388	-22,8214	-49,2481
-0,46972	0,099794	-0,49982	0,584655	-0,7413	0,105398	-0,24552	0,705863	-22,8158	-49,2408
-0,46972	0,099794	-0,49982	0,584655	-0,7413	-0,34204	-1,14211	0,301973	-22,8153	-49,2406
-0,46972	0,099794	-0,49982	0,584655	-0,7413	-0,66642	-0,74732	-0,29248	-22,8136	-49,2361
-0,47901	0,113593	-0,5128	0,509747	-0,71811	-0,24071	1,129357	0,314162	-22,8069	-49,2108
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-0,55332	-0,33489	-0,62314	0,820903	-0,4726	-0,25191	-0,41314	-2,3024	-22,2322	-49,0844
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0,143331	0,499978	-0,22073	-1,10942	0,360545	-0,53267	-0,55241	1,517985	-24,2036	-47,9322
0,106177	0,506877	-0,24669	-1,13247	-0,05353	-0,35934	-0,68644	1,399775	-24,2022	-47,9417
0,115465	0,479278	-0,2402	-1,1267	1,678749	-0,4137	0,156253	1,379259	-24,2058	-47,9544
0,143331	0,486178	-0,22073	-1,16128	0,909807	-0,42865	-1,61868	1,438291	-24,1936	-47,9197
0,143331	0,486178	-0,22073	-1,16128	0,909807	-0,13173	1,275466	0,289827	-24,1931	-47,9197
0,115465	0,493078	-0,2402	-1,14399	1,340039	-0,0529	-0,7762	0,585145	-24,1942	-47,9319
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-0,34897	0,396482	-0,42194	0,567369	-0,35485	-0,55134	-0,4814	1,154721	-22,4115	-49,6937
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-0,34897	0,396482	-0,42194	0,567369	-0,35485	1,058074	0,61034	-0,9519	-22,4107	-49,6938
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-0,4047	0,499978	-0,4479	0,388742	-0,75509	0,573541	-0,17713	-0,27422	-22,3792	-49,6797
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0,421991	1,031256	-0,02602	-1,69139	0,246849	3,325821	1,492791	-1,85631	-23,9478	-47,3956
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0,180486	0,175691	-0,19477	-1,40329	-0,22251	2,750713	1,454495	-1,73055	-24,23	-48,3772
0,347681	1,100253	-0,07794	-1,61072	0,118002	4,831788	0,76127	-1,63426	-23,8889	-47,4597
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-0,39541	0,458579	-0,59718	-1,24771	1,27066	-0,31909	-0,66823	1,405434	-23,2578	-46,9358
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-0,63691	0,396482	-0,76593	0,00844	-0,30646	-1,3043	-0,85447	0,133631	-22,9208	-48,2083
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-1,08277	0,996758	-0,9217	1,460502	-0,72339	-0,09012	0,739389	-0,42244	-20,3725	-49,27
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-1,09206	0,982958	-0,9217	1,541172	-0,51722	-0,61462	0,324855	-0,30241	-20,3633	-49,1986
-1,07348	0,989858	-0,91521	1,443215	-0,62445	-0,4747	-1,29793	-1,00167	-20,3794	-49,2506
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-1,09206	0,424081	-0,90872	1,541172	-0,41645	-0,47029	0,642188	-1,64381	-20,3686	-49,1928
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-1,08277	1,010557	-0,91521	1,512361	-0,5076	-0,80044	-0,13765	-0,62447	-20,3561	-49,2
-0,897	0,458579	-0,77242	1,178156	-0,51487	-0,58552	0,441041	-0,75866	-20,7418	-49,9347
-0,897	0,472379	-0,77891	1,16087	-0,61651	-0,16895	0,092141	-0,8632	-20,7408	-49,9376
-0,897	0,472379	-0,77891	1,16087	-0,61651	-0,61284	-1,37856	-0,78731	-20,7407	-49,9355
-0,86913	0,361983	-0,76593	1,137821	-0,56827	-0,75412	-0,97158	-0,71069	-20,6167	-50,207
-0,85984	0,355083	-0,75295	1,166632	-0,60434	-0,68384	-1,78464	-0,85241	-20,5543	-50,2123
-0,85055	0,341284	-0,74646	1,189681	-0,50851	-0,61464	-2,03748	0,217278	-20,5575	-50,2285
-0,87842	0,348184	-0,75944	1,172394	-0,5942	-0,21802	0,408164	-1,30941	-20,5878	-50,2144
-0,897	0,920861	-0,80487	0,757519	-0,47038	-0,54982	-0,40591	0,106476	-21,5959	-48,5166
-0,897	0,568975	-0,79838	0,728709	-0,57174	-0,07551	-0,25862	-0,60574	-21,5905	-48,4989
-0,99917	0,534476	-0,84381	1,310686	-0,70886	-0,65088	-1,11954	0,078226	-20,6198	-49,2652
-0,99917	1,079554	-0,83732	1,310686	-0,68567	-0,09523	1,246557	-1,79321	-20,6148	-49,2843
-0,98988	1,086454	-0,83732	1,32221	-0,7112	-0,23705	-1,00136	0,919534	-20,6061	-49,3067
-1,02704	0,769067	-0,94117	1,40288	-0,50876	-0,6158	0,185493	-0,73905	-20,2527	-49,5449
-1,03633	0,775966	-0,94117	1,397118	-0,58399	-0,73499	-1,67327	-0,37494	-20,2566	-49,5405
-1,03633	0,831164	-0,94117	1,454739	-0,47734	-0,39941	-0,09608	0,096465	-20,2723	-49,4848
-0,92486	0,389582	-0,83732	1,120535	-0,54141	-0,08336	1,842623	-0,7963	-21,2264	-48,9226

-0,92486	0,389582	-0,83732	1,120535	-0,54141	-0,42213	0,035413	-1,25369	-21,2317	-48,9177
-0,92486	0,396482	-0,84381	1,097486	-0,64973	-0,44574	-1,23462	-0,82049	-21,2297	-48,9128
-1,08277	0,989858	-0,92819	1,437453	-0,64777	0,111165	0,519773	-0,92522	-20,3664	-49,2567
-1,08277	1,010557	-0,9217	1,529647	-0,42254	-0,78309	-0,11982	-0,62317	-20,3561	-49,2019
-1,08277	1,010557	-0,9217	1,529647	-0,42254	-0,44244	0,025229	-1,3112	-20,355	-49,2039
-1,08277	1,010557	-0,9217	1,529647	-0,42254	0,111165	0,519773	-0,92522	-20,3567	-49,2019
-1,09206	0,417181	-0,91521	1,541172	-0,53461	-0,20768	0,776991	-1,35564	-20,3686	-49,2006
-1,07348	0,389582	-0,91521	1,466264	-0,62464	-0,56188	-1,33928	-0,44825	-20,3639	-49,2383
-1,08277	0,976058	-0,9217	1,489312	-0,63291	-0,43299	-0,64732	-1,66422	-20,375	-49,2756
-1,08277	1,010557	-0,9217	1,529647	-0,42254	-0,78719	-0,67685	-1,29164	-20,355	-49,2047
-1,09206	0,982958	-0,9217	1,541172	-0,51722	-0,67839	-1,04572	-0,71929	-20,3639	-49,1939
-1,07348	0,389582	-0,91521	1,466264	-0,62464	-0,50217	-0,2115	-1,35615	-20,3628	-49,2364
-1,08277	1,010557	-0,91521	1,512361	-0,5076	-0,53774	-1,1193	-1,42879	-20,3583	-49,1986
-1,09206	0,982958	-0,9217	1,541172	-0,51722	-0,45693	0,465657	-1,23709	-20,3633	-49,1933
1,239391	2,4319	0,545135	-1,8585	-0,40237	0,40384	-0,16843	0,627956	-23,9869	-46,7428
1,545916	2,576794	0,759318	-0,9596	1,451716	-0,06088	1,387328	0,370067	-23,7189	-45,7192
-0,0796	1,521136	-0,3765	-1,46091	0,033869	0,031284	0,814333	0,925471	-23,3372	-45,1353
-0,73909	0,292986	-0,83732	-0,07799	-0,17237	-0,69798	-1,50129	0,31362	-22,6533	-47,2747
-0,66478	0,251588	-0,7854	-0,05494	-0,47634	-0,12137	1,177938	-2,33431	-22,7158	-47,0878
-0,79482	0,45168	-0,87626	0,38298	-0,7412	-0,59398	-0,12143	-1,61211	-22,2747	-47,1883
-0,7298	0,341284	-0,83083	-0,06647	-0,35575	-0,4459	0,692651	-0,95056	-22,5733	-47,1025
-0,75767	0,417181	-0,8503	0,106397	-0,37574	-0,10563	-1,43809	-1,95887	-22,4233	-47,1456
-0,73909	0,762167	-0,83732	0,00844	0,081155	-0,42446	0,675225	-1,27409	-22,4808	-47,1003
0,821402	0,548276	0,253067	-1,47819	0,662215	-0,48069	1,039064	0,347801	-24,9675	-48,4264
-0,03315	-0,65228	-0,15583	-0,22781	-0,11239	0,008206	1,170822	0,836284	-23,7611	-49,1608
1,51805	2,500897	0,739847	-1,70292	-0,21312	-0,22055	-0,74232	1,545687	-23,7464	-46,1636
1,490184	2,438799	0,720376	-1,76054	0,557106	-0,29006	-0,11126	1,264616	-23,7428	-46,1475
1,406587	2,328404	0,661962	-1,77783	0,791522	-0,38476	-0,90841	1,475371	-23,7342	-46,1806
1,45303	2,411201	0,694414	-1,69139	-0,503	-0,43335	-0,65235	1,507019	-23,7406	-46,1431
1,573782	2,535396	0,778789	-1,7202	0,644605	-0,51083	0,213361	1,249388	-23,7567	-46,1431
1,573782	2,562994	0,778789	-1,73173	0,30766	-0,38182	-0,55903	1,465963	-23,7508	-46,1642
1,490184	2,438799	0,720376	-1,76054	0,557106	-0,34778	0,13308	1,313513	-23,7439	-46,1492
1,45303	2,411201	0,694414	-1,69139	-0,503	-0,28475	0,069277	1,261155	-23,7403	-46,1431
1,490184	2,438799	0,720376	-1,76054	0,557106	-0,43267	-0,65735	1,42607	-23,7428	-46,1481
1,490184	2,438799	0,720376	-1,76054	0,557106	-0,50582	0,013449	1,071115	-23,7436	-46,1492
0,895711	1,721228	0,30499	-1,77206	0,309034	-0,97091	-1,7409	1,205637	-23,6458	-45,8606
1,025752	2,521596	0,395855	-0,47558	-0,87607	-0,29496	-0,47182	0,701096	-25,0708	-47,9236
0,598475	1,92822	0,097297	-0,86164	-0,88277	-0,29763	-1,40756	1,639924	-24,3903	-47,0731
0,199063	0,18949	-0,18179	-1,44362	0,068888	-0,71453	-1,28855	1,448599	-24,2742	-48,4156
-0,38612	0,44478	-0,59069	-1,14975	0,2075	2,367745	1,415226	0,220193	-23,4658	-46,8372
-0,46972	2,128312	-0,6491	-1,25923	2,58278	2,224995	1,894549	0,111027	-22,5086	-45,1492
-0,46972	-0,052	-0,6491	-0,23357	-0,55727	-0,73035	-1,18728	-0,58798	-23,3286	-48,4417
2,075369	3,273666	1,129271	-0,63116	-0,9465	-0,25558	0,197294	0,486251	-23,7567	-45,9247
0,737804	1,879922	0,194653	-0,59659	-0,91983	0,014397	0,233712	0,717158	-24,2	-46,9128
1,137216	1,638432	0,47374	-0,97113	-0,97016	-0,12716	-1,13948	1,272917	-24,6133	-47,3511
1,601648	2,700989	0,798261	-0,4122	-0,69879	-0,36828	0,920684	0,864737	-23,3575	-44,8475
-0,53474	-0,22449	-0,56472	0,503985	-0,85224	-1,14737	-0,45761	-0,2235	-22,8036	-49,005
-0,51616	-0,1762	-0,56472	0,348407	-0,67489	-1,06466	-0,97226	0,753739	-22,7783	-48,9525
-0,53474	-0,21069	-0,55823	0,429077	-0,4614	-1,2287	-1,10353	0,680566	-22,8369	-48,9819
-0,52545	-0,1486	-0,57121	0,354169	-0,61729	-0,75777	0,196009	0,377651	-22,7767	-48,8981

-0,46972	0,099794	-0,49982	0,584655	-0,7413	-0,90002	-0,72847	0,355748	-22,8139	-49,2364
-0,59047	-0,21069	-0,62314	0,573131	-0,36576	-0,93922	-1,67016	-0,71146	-22,4317	-48,8664
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-1,0549	0,989858	-0,90872	1,114773	-0,62165	-0,90587	-0,94913	-0,77693	-20,16	-48,1272
-0,41399	0,072195	-0,61016	-0,88469	-0,62484	-0,74185	-0,41429	0,215752	-23,4211	-47,3644
-0,93415	0,361983	-0,83083	1,057151	-0,67174	-0,95076	-0,81733	-0,35552	-20,2028	-50,4975
-1,08277	0,341284	-0,93468	1,53541	-0,72279	-0,99295	-1,07745	-0,5319	-20,3581	-49,2819
-0,36754	0,838064	-0,57771	-1,37448	0,603706	1,403233	0,5257	0,836145	-23,1825	-46,5236
-0,79482	0,43098	-0,68155	1,011054	-0,59161	-0,45312	-0,43259	-0,70218	-21,2194	-50,4294
-0,79482	0,410281	-0,68155	0,970719	-0,847	-0,1601	-0,55467	-1,53381	-21,1875	-50,4481
-0,79482	0,45168	-0,68155	0,849714	-0,87288	-0,07074	-0,68308	-1,33303	-21,2078	-50,46
-0,78553	0,375783	-0,68155	1,022578	-0,69032	-0,35436	-1,08089	-0,24434	-21,1836	-50,4347
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-0,80411	0,265387	-0,70102	0,959195	-0,69431	-0,82323	-0,34061	-0,84248	-21,2356	-50,3844
-0,02386	0,313685	-0,33756	-1,51277	0,434046	0,729478	0,128898	0,216323	-23,9042	-47,6917
-1,0549	0,976058	-0,94766	1,397118	-0,59232	-0,66631	0,373874	0,507222	-20,39	-49,4331
-0,22821	-0,1348	-0,33107	0,694136	-0,42179	-0,2632	-1,10701	0,085839	-22,5978	-50,3719
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-0,42328	0,555175	-0,61665	-0,05494	-0,72875	-0,9652	-1,19796	-0,00344	-22,8878	-48,5064
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-0,42328	0,548276	-0,49982	-0,01461	-0,49931	-0,33069	-1,086	0,946335	-22,8653	-48,5497
-0,44185	0,506877	-0,62963	0,054537	-0,50362	-0,45747	-1,06077	1,353997	-22,9206	-48,5392
-0,59047	0,479278	-0,73348	0,146732	-0,43494	-0,29989	-1,75598	1,405826	-22,8933	-48,3817
-0,4047	0,465479	-0,60367	-0,11257	-0,24213	-0,59298	-3,43855	1,77853	-22,9933	-48,4919
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-0,71122	0,458579	-0,81785	0,227402	-0,32562	-0,6791	-0,83476	-0,09744	-22,1967	-47,9211
-0,70194	0,458579	-0,81136	0,066062	-0,71301	-0,76692	-0,58487	0,816862	-22,16	-47,9603
-0,71122	0,458579	-0,81785	0,135207	-0,35464	-0,43099	-1,51431	0,300793	-22,1858	-47,9614
-0,7298	0,493078	-0,83083	0,175542	-0,80744	-0,52559	0,362263	-0,61468	-22,2125	-47,9133
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-0,45114	0,141192	-0,49982	0,532796	-0,93095	-0,58934	-0,28695	-0,07813	-22,7903	-49,2431
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-0,55332	-0,28659	-0,61016	0,740233	-0,56002	-0,61604	-1,24325	0,108616	-22,3414	-48,9831
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-0,53474	0,134292	-0,62314	0,792092	-0,40088	-0,32499	-0,92909	0,648241	-22,4056	-49,1036
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-0,84126	0,251588	-0,73997	1,114773	-0,72312	-0,80305	-1,02854	-0,44529	-20,9261	-50,3486
-0,897	0,458579	-0,77242	1,183918	-0,50776	-0,85717	-0,77834	-0,75435	-20,7428	-49,9292
-0,93415	0,396482	-0,84381	1,137821	-0,34296	-0,88388	-0,83579	-0,09986	-21,22	-48,9178
-0,77624	-0,0589	-0,68804	1,068675	-0,75889	-0,96599	0,001999	-0,04185	-21,4047	-49,5003
-0,92486	0,341284	-0,79189	1,178156	-0,82542	-1,06489	-1,07053	-0,64476	-20,9211	-49,9261
-1,03633	0,824265	-0,94117	1,437453	-0,59898	-0,90037	-0,33478	-0,7292	-20,2883	-49,5003
-1,02704	0,851863	-0,93468	1,397118	-0,46174	-0,59826	-0,7816	0,208988	-20,3211	-49,5047
-0,87842	0,534476	-0,79189	0,797854	-0,61204	-0,58311	0,09036	-0,30674	-21,6206	-48,5372
-0,96202	0,713869	-0,88924	1,149346	-0,65187	-0,95655	-1,42688	-0,53099	-20,885	-48,5406
-1,02704	0,568975	-0,88924	1,270351	-0,5354	-0,65699	-0,68866	-0,66455	-20,6372	-48,7517
-0,85055	0,45168	-0,73997	1,235778	-0,33585	-1,0611	-0,94013	-0,91824	-20,5144	-50,0867
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-0,85984	0,286086	-0,75944	1,166632	-0,62122	-0,94061	-0,80381	-0,50276	-20,4736	-50,2933
-1,03633	0,982958	-0,87626	1,529647	-0,61199	-0,85121	-0,17578	-0,21838	-20,5436	-49,2464
-0,93415	0,465479	-0,84381	1,149346	-0,66695	-0,31414	-0,21218	0,077589	-20,0036	-50,4339
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-0,90629	0,272287	-0,77891	1,189681	-0,64026	-0,39723	0,670275	-1,6431	-21,0014	-49,9739
-1,06419	0,513777	-0,87626	1,523885	-0,5022	-0,99227	-1,23317	-0,70157	-20,4847	-48,8225
-0,91557	0,43788	-0,81136	1,085962	-0,6946	-0,46924	-1,67293	-0,75008	-20,1889	-50,8964
-0,91557	0,43788	-0,81136	1,085962	-0,6946	-0,31385	-1,6388	-1,23176	-20,1847	-50,8944
-0,92486	0,43788	-0,81785	1,051389	-0,63621	-0,01267	-0,31859	-1,27455	-20,1856	-50,8906
-0,91557	0,43788	-0,81136	1,085962	-0,6946	-0,21202	1,282384	0,185109	-20,1853	-50,8944
-0,91557	0,458579	-0,81136	1,074438	-0,65157	-0,42141	-0,25993	0,093745	-20,1783	-50,8922
-0,91557	0,43788	-0,81136	1,085962	-0,6946	-0,36379	-0,35898	0,34678	-20,1853	-50,8936
-0,22821	-0,74197	-0,14285	0,988005	-0,75881	-1,18183	-0,76688	-0,01908	-22,5444	-52,295
0,97002	2,618192	0,356913	-0,79826	3,153282	-0,36447	0,674883	-0,29169	-23,3542	-44,7675
1,462319	2,776886	0,700904	-0,64844	2,181966	0,646274	1,056992	0,256176	-23,3594	-44,7842
1,462319	2,776886	0,700904	-0,64844	2,181966	0,468522	0,874261	-0,31164	-23,3614	-44,7875
1,118639	2,728588	0,460759	-0,67149	2,898083	-0,5574	0,450067	-0,0216	-23,3647	-44,8006
-0,41399	0,18949	-0,61016	-0,07223	-0,47979	-1,22235	-0,97766	0,741908	-22,9925	-48,5011
-0,77624	0,44478	-0,66857	0,717184	-0,29572	-0,87005	-1,20722	-1,0321	-21,5697	-47,7353
-0,70194	1,231348	-0,81136	-0,40067	0,218593	-0,12032	-0,82304	0,640439	-22,6428	-44,6567
-0,45114	1,68673	-0,63612	-1,29381	0,609741	1,070722	0,140069	1,181218	-22,7189	-44,6142
-1,07348	1,003657	-0,91521	1,425929	-0,74339	-0,53995	-0,63481	-0,71448	-20,3669	-49,25
-1,09206	0,982958	-0,9217	1,541172	-0,51722	-0,63431	-0,65851	-0,79597	-20,3639	-49,1936
-1,08277	0,976058	-0,9217	1,489312	-0,63291	-0,45746	-0,01669	-0,76071	-20,375	-49,2758
-1,07348	0,389582	-0,91521	1,466264	-0,62464	-0,28457	-0,47065	-0,31569	-20,3639	-49,2383
0,124754	0,141192	-0,23371	-1,31109	0,378116	-0,29618	-1,40072	0,97329	-24,1942	-48,4231
0,115465	0,134292	-0,2402	-1,25347	-0,21044	-0,428	-1,16662	0,88137	-24,1994	-48,4356
-0,41399	0,18949	-0,61016	-0,07223	-0,47979	-0,5952	-1,63189	0,913389	-22,9975	-48,5047
-0,4047	0,575875	-0,60367	-0,1068	-0,37304	-0,32149	0,570572	0,494529	-22,8967	-48,4872
-0,46043	0,920861	-0,64261	-0,98265	0,168295	0,285744	-0,14087	-0,47117	-23,2608	-45,3161
1,573782	2,611293	0,778789	-1,98526	0,040476	2,189549	-0,55067	0,432872	-23,775	-46,2917
-0,897	0,327485	-0,79838	1,085962	-0,76136	-0,5944	-0,66904	0,768546	-21,0781	-49,5389
-0,897	0,327485	-0,79838	1,085962	-0,76136	-0,68291	-0,65099	-0,12792	-21,0758	-49,5392

-0,91557	0,334384	-0,80487	1,126297	-0,59076	-0,7507	0,008108	0,423425	-21,0811	-49,5192
-0,897	0,327485	-0,79838	1,085962	-0,76136	-0,83009	-0,73646	-0,26531	-21,0778	-49,5397
-0,897	0,327485	-0,79838	1,085962	-0,76136	-0,78166	-0,80536	0,487408	-21,0789	-49,5389
-0,897	0,327485	-0,79838	1,085962	-0,76136	-0,48613	-1,33917	-0,75273	-21,0786	-49,5392
1,871019	2,873482	0,986482	-1,77206	0,385299	2,433165	0,444237	0,360077	-23,7789	-46,3108
1,025752	2,521596	0,395855	-0,47558	-0,87607	-0,3697	0,282577	0,55819	-25,0692	-47,9214
1,025752	2,521596	0,395855	-0,47558	-0,87607	-0,3401	0,217793	0,409196	-25,0736	-47,9247
1,04433	2,576794	0,408836	-0,54473	-0,84969	-0,07274	0,334804	-1,3814	-25,0753	-47,9256
1,025752	2,521596	0,395855	-0,47558	-0,87607	-0,34335	-0,01677	1,014532	-25,0706	-47,9233
1,025752	2,521596	0,395855	-0,47558	-0,87607	1,794053	1,202236	0,469632	-25,07	-47,9197
1,025752	2,521596	0,395855	-0,47558	-0,87607	-0,01265	0,379353	-1,11669	-25,0697	-47,9197
1,025752	2,521596	0,395855	-0,47558	-0,87607	0,120602	-0,66044	-1,94186	-25,0689	-47,9217
1,025752	2,521596	0,395855	-0,47558	-0,87607	0,072449	0,298769	-0,09008	-25,0728	-47,9239
1,04433	2,576794	0,408836	-0,54473	-0,84969	-0,24398	0,279578	-0,1382	-25,0783	-47,9261
-0,46043	1,355543	-0,64261	-1,35719	2,498693	2,890623	1,272958	-0,2197	-22,7981	-44,3597
0,867845	2,052415	0,285519	-0,61387	-0,89605	0,781751	1,626089	0,549858	-24,9331	-47,8878
0,849268	2,349103	0,272538	-0,4871	-0,86546	-0,04929	0,700495	0,6843	-25,0514	-48,095
0,97002	2,224908	0,356913	-0,54473	-0,94988	0,200603	0,700073	0,701436	-25,0053	-47,8717
0,524166	1,18305	0,045374	-0,9596	-0,96937	-0,14981	0,61191	0,670327	-24,6456	-47,8108
1,24868	1,534936	0,551625	-1,06332	0,976297	0,272794	0,637045	0,952122	-24,6872	-47,5311
-0,2375	-0,35559	-0,1104	1,690988	-0,53663	-1,49976	0,006168	-0,32922	-21,1986	-56,7419
0,180486	-0,57638	-0,18179	-0,68878	-0,44685	-0,9171	1,421175	-0,45354	-23,3944	-51,8728
0,21764	-0,55568	0,175182	-0,7003	-0,41816	-0,80023	1,130681	-0,42546	-23,4778	-51,9083
0,15262	-0,61088	0,129749	-0,49863	-0,21995	-0,54334	0,860076	-0,726	-23,3556	-51,9036
0,161909	-0,59018	0,162201	-0,5332	-0,16032	-0,64524	1,320922	-0,28417	-23,3322	-51,88
0,589186	1,134752	0,090806	-1,0518	-0,85729	-0,17095	2,237312	0,56251	-25,4986	-48,8414
0,830691	-0,20379	0,460759	-1,03451	0,048184	-1,77994	-0,51415	0,554913	-24,5372	-49,9047
0,886423	0,458579	0,298499	-1,14975	-0,3021	-0,69606	-0,17723	0,233284	-25,24	-49,0342
1,035041	2,376702	0,402346	-0,90774	0,587413	0,409844	0,931907	0,59908	-25,2567	-48,2986
1,072196	-0,1003	0,447779	-1,63953	-0,61987	0,65881	0,793598	0,983738	-25,9517	-49,2206
1,072196	-0,1003	0,447779	-1,63953	-0,61987	-0,03952	0,055932	0,686415	-25,9536	-49,2211
1,053618	-0,1417	0,428307	-1,61649	-0,69561	0,308759	-0,08431	0,641615	-25,9608	-49,2364
0,802825	0,996758	0,240086	-1,32838	0,423668	-0,03077	1,430778	0,586622	-25,7836	-48,9002
0,97002	2,252507	0,356913	-0,91927	1,553788	-0,30834	-0,02629	0,439447	-25,1672	-48,3036
1,118639	0,70007	0,460759	-1,08061	-0,30371	0,317265	0,799308	0,669397	-25,5072	-49,0311
1,285834	0,996758	0,577587	-1,24195	0,359923	0,932985	-0,21786	0,42138	-25,5028	-48,9856
1,360143	0,969159	0,62951	-1,42057	1,508757	-0,21167	2,057102	0,306554	-25,4892	-48,9739
1,378721	0,982958	0,642491	-1,42057	1,977181	0,895657	0,932005	0,230159	-25,4769	-48,9633
0,942155	0,499978	0,337442	-1,11518	-0,20761	-0,67079	0,264861	0,496082	-25,2833	-49,0333
0,830691	0,161891	0,447779	-1,3399	0,656643	-0,50553	0,622351	0,666409	-24,9833	-48,6167
0,886423	0,458579	0,298499	-1,14975	-0,3021	-0,14293	0,722111	0,729477	-25,24	-49,0342
1,100061	-0,0382	0,447779	-1,31109	-0,28853	-0,09041	0,033504	0,023924	-25,3969	-49,5308
1,072196	-0,0382	0,428307	-1,27076	-0,71875	-0,87714	-0,29691	0,367256	-25,4106	-49,4931
0,988598	-0,0313	0,369894	-1,23042	-0,46533	-0,08969	0,703329	0,343648	-25,4278	-49,4767
0,951443	-0,0658	0,343932	-1,2189	-0,38521	-0,7054	0,482252	0,608276	-25,4336	-49,4733
0,867845	-0,31419	0,285519	-1,20737	-0,43904	-0,69276	-0,97982	0,820302	-25,4967	-49,3894
-0,19106	-0,121	-0,16232	1,085962	-0,63995	-0,70133	0,709063	-0,3672	-22,8181	-51,1894
0,552032	0,258487	0,382875	0,46365	0,394928	0,222504	1,477939	-0,24681	-23,45	-51,25
1,118639	-0,34179	0,603548	-0,27967	-0,25083	-0,29978	-0,47712	0,304588	-24,2249	-50,9283
0,942155	-0,38319	0,447779	-0,99417	-0,3037	-0,79264	-0,6146	0,983023	-25,0945	-50,1633

1,871019	-0,49358	1,044896	0,619228	-0,50094	-1,03152	-0,02032	0,151724	-25,6036	-54,4144
1,917462	0,010097	1,226627	0,16978	-0,43465	-0,95598	0,524617	0,092606	-25,0728	-53,6581
-0,21893	-0,0313	-0,29213	0,584655	-0,45776	-1,09111	-0,42106	0,247928	-23,1078	-49,7933
-0,13533	-0,74887	-0,07794	1,195443	-0,42239	-0,08406	-0,23344	0,518289	-22,6008	-52,8825
-0,11675	-0,74887	-0,05198	1,189681	-0,64916	0,077489	0,548789	1,170639	-22,5906	-52,8908
-0,11675	-0,75577	-0,05847	1,212729	-0,50386	-0,14176	-0,43316	1,467692	-22,5967	-52,8814
-0,14462	-0,74887	-0,06496	1,114773	-0,86152	-0,43421	0,757453	-1,40421	-22,6158	-52,8567
-0,11675	-0,72817	-0,05847	1,132059	-0,41755	-0,43107	0,635785	-0,68492	-22,5864	-52,8925
-0,14462	-0,76957	-0,07145	1,132059	-0,66339	-0,43966	-0,22658	-0,13952	-22,6217	-52,8386
-0,14462	-0,75577	-0,07145	1,247302	-0,88128	-0,13264	-0,28058	0,456789	-22,5997	-52,8747
-0,15391	-0,76957	-0,07145	1,109011	-0,71217	-0,39649	0,580921	-0,67812	-22,6189	-52,8278
-0,14462	-0,77647	-0,07794	1,143583	-0,66577	-0,27708	0,924587	-0,7864	-22,6236	-52,8486
-0,12604	-0,75577	-0,039	1,091724	-0,74754	-0,46208	-0,17801	-0,31133	-22,6344	-52,8222
-0,13533	-0,74197	-0,05198	1,068675	-0,73316	-0,09088	-0,84162	0,57276	-22,6442	-52,815
-0,12604	-0,75577	-0,039	1,091724	-0,74754	-0,71084	0,262671	-0,42406	-22,635	-52,8203
-0,10746	-0,69367	-0,06496	1,132059	-0,54813	-0,22921	0,113143	0,933864	-22,6114	-52,9014
-0,10746	-0,70057	-0,05847	1,114773	-0,64155	-0,26333	-2,03011	0,058359	-22,6186	-52,8983
-0,11675	-0,71437	-0,06496	1,114773	-0,64721	-0,61694	-0,12651	-0,54042	-22,6108	-52,8969
-0,10746	-0,71437	-0,07145	1,097486	-0,55922	-0,45411	-0,06396	-0,50216	-22,6239	-52,8864
-0,10746	-0,70057	-0,05847	1,114773	-0,64155	-0,56699	0,078084	-1,21926	-22,6225	-52,8939
-0,09817	-0,67987	-0,05847	1,143583	-0,87098	-0,48144	0,512695	-0,10121	-22,6103	-52,9172
-0,12604	-0,72127	-0,07145	1,120535	-0,62608	-0,5958	0,216599	-0,96165	-22,6136	-52,8878
-0,09817	-0,67298	-0,05847	1,097486	-0,59794	-0,35578	0,532598	0,130037	-22,6258	-52,9033
-0,09817	-0,68677	-0,06496	1,143583	-0,65668	-0,41909	0,189018	-0,21374	-22,6142	-52,9094
1,062907	0,762167	0,421817	-1,10365	0,068952	-0,28071	0,699001	0,68091	-25,3622	-48,9911
1,852442	-0,48668	1,018934	-1,17856	0,575953	-0,27539	-0,97468	1,640563	-26,395	-51,364
1,889596	-0,47978	1,031915	-1,19585	-0,58986	-0,32051	-0,43357	0,877344	-26,379	-51,3794
1,889596	-0,47978	1,031915	-1,19585	-0,58986	-0,22334	-0,08484	1,126101	-26,376	-51,3801
1,871019	-0,49358	1,031915	-1,1728	-0,65912	0,212734	0,553963	-1,80293	-26,393	-51,3786
1,871019	-0,49358	1,031915	-1,1728	-0,65912	-0,21299	-1,15434	0,349308	-26,394	-51,3796
1,871019	-0,49358	1,031915	-1,1728	-0,65912	0,039696	-0,03176	1,039299	-26,396	-51,3784
1,917462	-0,48668	1,057877	-1,1728	-0,64148	-0,22095	1,378653	0,266658	-26,406	-51,3888
1,917462	-0,48668	1,057877	-1,1728	-0,64148	-0,05333	0,641565	-0,46345	-26,406	-51,3886
1,908173	-0,48668	1,070858	-1,17856	-0,03327	-0,13582	-0,50045	1,538702	-26,407	-51,4006
1,908173	-0,48668	1,070858	-1,17856	-0,03327	0,039926	0,412309	1,273766	-26,407	-51,4012
1,908173	-0,48668	1,070858	-1,17856	-0,03327	-0,07109	-0,76803	1,402235	-26,402	-51,4027
1,889596	-0,48668	1,044896	-1,16128	-0,74926	-0,26773	-1,74934	0,705633	-26,394	-51,3925
1,86173	-0,49358	1,031915	-1,18432	-0,29577	-0,27294	0,335707	-0,14523	-26,415	-51,3499
1,889596	-0,50048	1,051386	-1,19585	-0,51169	-0,55422	-0,48986	1,382574	-26,42	-51,3591
1,889596	-0,50048	1,051386	-1,19585	-0,51169	-0,49486	-0,61334	0,998571	-26,421	-51,3586
1,880307	-0,50048	1,044896	-1,16704	-0,16454	-0,07871	-0,79489	0,568739	-26,419	-51,3514
2,131101	-0,54878	1,168214	-0,91927	-0,7567	0,10007	0,92043	-0,62043	-26,557	-51,6629
2,168255	-0,54188	1,194175	-0,9135	-0,55888	-0,27366	-0,46328	0,827488	-26,545	-51,6632
2,140389	-0,54188	1,174704	-0,89046	-0,27609	-0,20302	-0,08675	-0,36563	-26,524	-51,6742
2,149678	-0,54188	1,181194	-0,88469	-0,30817	-0,48028	0,607719	0,703526	-26,522	-51,6755
2,121812	-0,54188	1,161723	-0,89046	-0,77242	-0,14228	-1,82402	1,027817	-26,506	-51,6694
2,103235	-0,52118	1,148742	-0,89046	-0,45014	-0,20719	1,375147	-1,32833	-26,496	-51,6656
2,103235	-0,52118	1,148742	-0,89046	-0,45014	-0,38874	-0,34392	0,016983	-26,495	-51,6661
2,149678	-0,54188	1,181194	-0,91927	-0,66072	0,220891	0,828646	0,502508	-26,546	-51,6573
2,149678	-0,54188	1,181194	-0,91927	-0,66072	0,10594	0,578886	0,879809	-26,542	-51,6523

0,802825	-0,21759	0,454269	-1,03451	-0,3242	-0,60498	-0,07228	0,95038	-24,5667	-49,9167
0,756382	-0,52118	0,356913	-0,63116	-0,22411	-0,4856	0,082409	0,533492	-24,5692	-50,2675
0,886423	-0,23139	0,376384	-0,94808	-0,09225	-0,29717	0,190386	0,709641	-25,235	-50,0118
1,211525	-0,1693	0,655472	-1,18432	-0,14805	-0,93709	1,26095	0,365476	-25,04	-49,9522
2,121812	-0,54188	1,161723	-0,93655	-0,25757	-0,37643	0,307114	0,942653	-26,5167	-51,6167
0,914289	-0,60398	0,395855	-1,0057	-0,32947	-0,37753	-0,35774	1,113226	-25,3581	-50,5528
0,914289	-0,63848	0,395855	-0,97689	-0,62791	-0,44758	-1,21307	1,046094	-25,35	-50,5769
0,923577	-0,62468	0,402346	-0,97689	-0,62639	-0,40758	-0,85183	1,598353	-25,3536	-50,5819
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S5 File – Result of piecewiseSEM model. Direct and indirect effects of predictor variables on proportion of direct developing species of Atlantic Forest anuran communities. Goodness of fit: Fischer's C = 2.635; P-value = 0.268; DF =2.Standard error (St. Error); degrees of freedom (DF); critical value (Crit. Value); and standardized estimate (St. Estimate)

Response	Predictor	Estimate	St. Error	DF	Crit.Value	P. Value	St. Estimate
PCPS1	**BIO4**	**-9.26E-02**	**0.038**	**766**	**-2.421**	**0.016**	**-0.092**
PCPS1	BIO12	5.86E-02	0.036	766	1.616	0.107	0.059
PCPS1	**ET0**	**-4.19E-01**	**0.041**	**766**	**-10.261**	**0.000**	**-0.419**
SES.FD	**PCPS1**	**-3.23E-01**	**0.037**	**766**	**-8.740**	**0.000**	**-0.323**
SES.FD	BIO4	2.13E-02	0.060	766	0.358	0.721	0.021
SES.FD	**BIO12**	**1.30E-01**	**0.054**	**766**	**2.393**	**0.017**	**0.130**
SES.FD	ET0	-5.17E-02	0.077	766	-0.671	0.502	-0.052
SES.FD	**Slope**	**2.09E-01**	**0.044**	**766**	**4.715**	**0.000**	**0.208**
PROP.DD	**SES.FD**	**2.31E-01**	**0.029**	**766**	**8.049**	**0.000**	**0.231**
PROP.DD	**PCPS1**	**-1.75E-01**	**0.031**	**766**	**-5.637**	**0.000**	**-0.175**
PROP.DD	**BIO4**	**-3.05E-01**	**0.063**	**766**	**-4.872**	**0.000**	**-0.305**
PROP.DD	BIO12	0.0847	0.061	766	1.383	0.167	0.085
PROP.DD	**Slope**	**0.1612**	**0.040**	**766**	**4.041**	**0.000**	**0.161**
PROP.DD	**ET0**	**-0.4512**	**0.082**	**766**	**-5.492**	**0.000**	**-0.451**

Endogenous variable R^2 (R-squared).

Response	R-squared
PCPS1	0.17
SES.FD	0.13
PROP.DD	0.36

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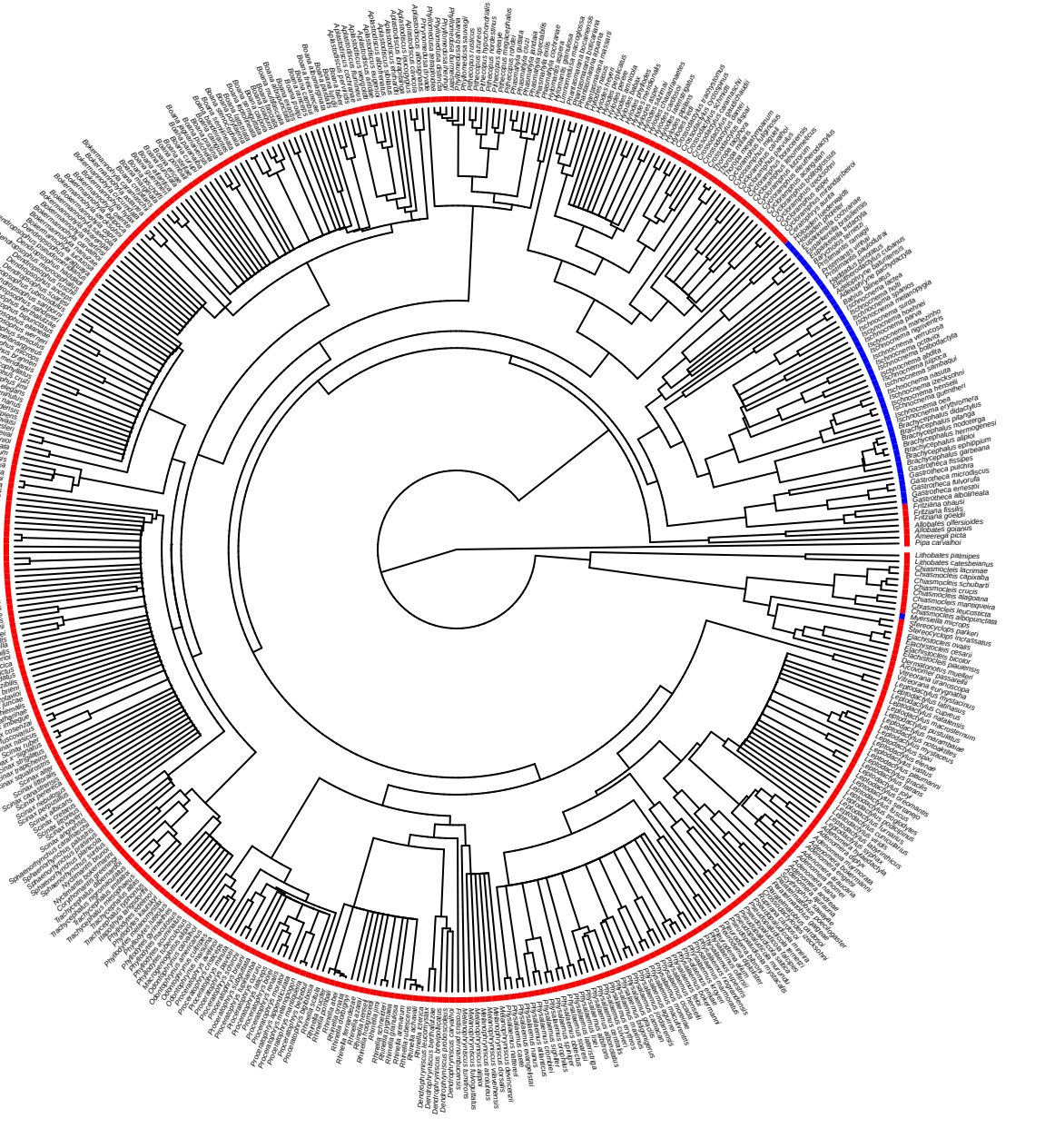
S1 APPENDIX – Phylogenetic distribution of the development mode of 464 anurans from Atlantic Forest analyzed in the study. Blue rectangles indicate larval development (biphasic) and red rectangles indicate direct development. Species relationships are based on the consensus phylogeny of Jetz and Pyron (2018)



S3 Appendix

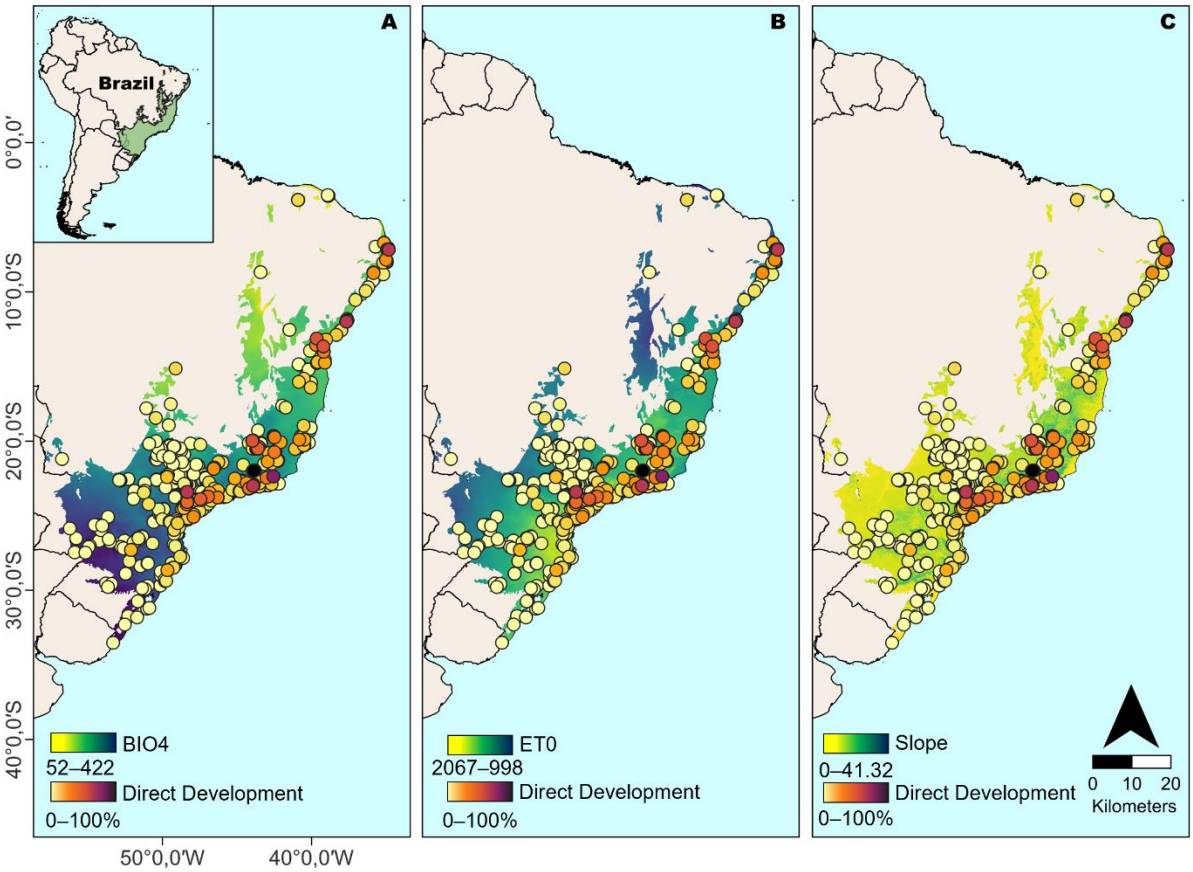


Fig S1. Variation in the proportion of direct developing species in anuran Atlantic Forest communities and the environment. A – temperature seasonality; B – potential evapotranspiration; and C – terrain slope. Base layer sources: South America shape file retrieved from the Database of Global Administrative Areas (GADM) under an open license (CC-BY): https://gadm.org/license.html; Atlantic Forest limits shape file from Muylaert et al. 2018 [34] under the GNU General Public License (https://github.com/LEEClab/ATLANTIC-limits/blob/master/LICENSE); communities (points) distributions were mapped based on records retrieved from Vancine et al. 2018 [30]; raster layers sources: temperature seasonality (BIO4) from WorldClim [35] (https://www.worldclim.org/data/worldclim21.html); ET0 from Global Aridity Index and Potential Evapotranspiration Climate Database [36] (https://figshare.com/articles/dataset/Global_Aridity_Index_and_Potential_Evapotranspiratio

n_ET0_Climate_Database_v2/7504448/3) under license CC BY 4.4; and Slope from EarthEnv database [37]. Modified from Vancine et al. 2018 [30].

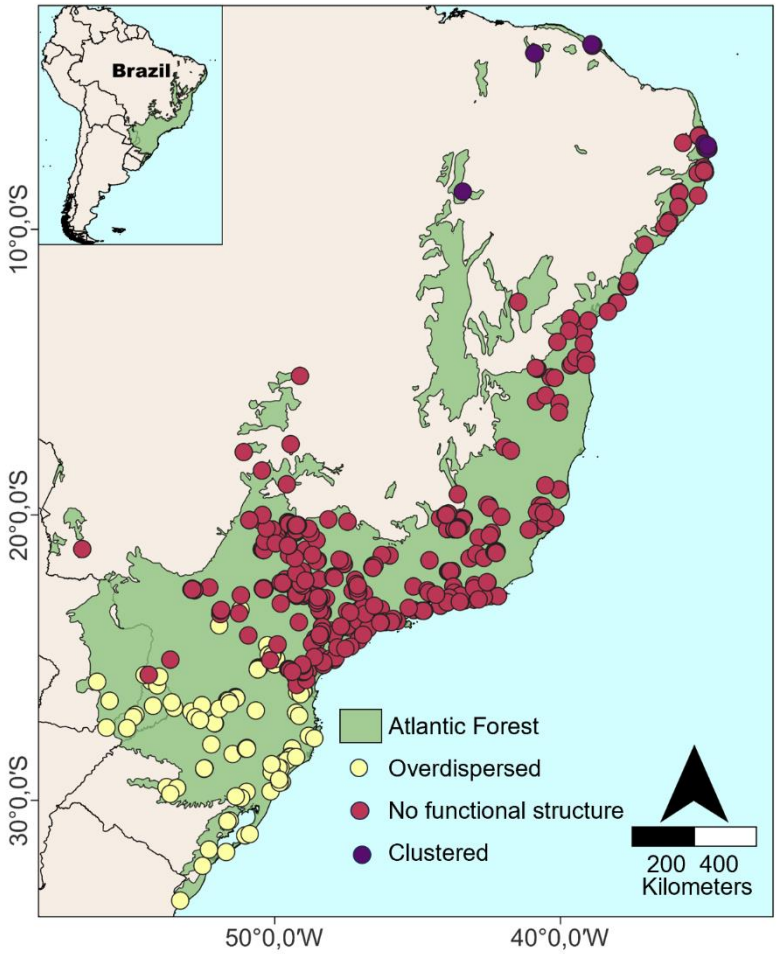


Fig S2. Pattern of functional structure in anuran communities from the Atlantic Forest. Light yellow points represent communities with FD values (functional diversity) lower than expected (functional overdispersion), dark purple points represent communities with FD values higher than expected (functional clustering), and magenta points represent communities with random functional structure. Base layer sources: South America shape file retrieved from the Database of Global Administrative Areas (GADM) under an open license (CC-BY): https://gadm.org/license.html; Atlantic Forest limits shape file from Muylaert et al. 2018 [34] under the GNU General Public License (https://github.com/LEEClab/ATLANTIC-limits/blob/master/LICENSE); communities (points) distributions were mapped based on records retrieved from Vancine et al. 2018 [30]. Modified from Vancine et al. 2018 [30].