

Appendix 8. Absolute difference in bootstrap-support values between invariable nodes that remained constant across optimal tree topologies. Comparisons were made between ML trees constructed with best-fit models as well as the K2P model; comparisons were also made between ML and MP trees. Bootstrap values were obtained from 50% majority-rule consensus trees calculated from 1000 replicates. Bootstrap information listed as not applicable indicates that no invariable nodes were shared among the consensus trees.

Data Set	1	12	46
TreeBASE ID	S1266/M2209	S869/M1410	S1243/M2167
Model 1	GTR+ Γ	K3Puf+I+ Γ	GTR+ Γ
Model 2	TVM	K3P+ Γ	TrN+ Γ
Model 3	HKY+ Γ	-	TrNef+ Γ
1 & 2	N/A	0, 1, 1, 2, 3, 4	0, 0, 0, 0, 1, 1, 2, 2, 3, 6, 6, 7
1 & 3	10	-	0, 0, 1, 1, 3, 3, 4, 4, 4, 5, 7
2 & 3	N/A	-	0, 1, 1, 1, 1, 1, 2, 3, 3, 4, 5, 7, 10
1 & K2P	N/A	0, 0, 1, 2, 7	0, 0, 0, 1, 1, 3, 4, 5, 5, 7, 14
2 & K2P	N/A	0, 1, 1, 3, 5	0, 0, 2, 2, 2, 2, 3, 5, 7, 9, 11, 14
3 & K2P	N/A	-	0, 0, 0, 0, 1, 1, 1, 1, 3, 3, 6, 7
1 & MP	N/A	0, 0, 4, 6, 7	0, 0, 2, 2, 3, 4, 4, 5, 5, 7, 7
2 & MP	10	0, 1, 1, 3, 4	0, 1, 3, 4, 4, 4, 4, 5, 6, 8, 11, 11
3 & MP	N/A	-	0, 0, 0, 0, 1, 3, 3, 4, 4, 5, 8
Data Set	49	51	52
TreeBASE ID	S3x10x98c09c42c47/	S1262/M2204	S2x14x97c16c11c45/

	M184c3x2x98c11c12c31		M165c2x14xM165c2x14x
Model 1	TVM+ Γ	GTR+I	GTR+I+ Γ
Model 2	HKY+ Γ	HKY+ Γ	GTR+ Γ
Model 3	-	HKY+I	TrNef+ Γ
1 & 2	0, 1, 1, 3, 3, 3, 3, 4, 4, 5, 6, 8, 8, 10, 10, 18	0, 2, 3, 4, 4, 14	0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 3
1 & 3	-	1, 1, 1, 3, 5, 11	0, 0, 0, 0, 1, 1, 1, 1, 2, 2, 3, 3, 4, 5, 6, 6, 8, 12
2 & 3	-	1, 1, 1, 1, 2, 3	0, 0, 0, 0, 0, 2, 2, 2, 2, 2, 3, 3, 5, 5, 5, 8, 9, 10
1 & K2P	0, 0, 1, 4, 5, 6, 6, 6, 7, 8, 10, 10, 12, 17, 18, 26	1, 1, 2, 2, 4, 11	0, 0, 0, 1, 1, 1, 2, 2, 2, 3, 3, 4, 6, 7, 8, 9, 12
2 & K2P	0, 0, 1, 2, 3, 4, 4, 4, 4, 5, 11, 12, 15	0, 1, 1, 1, 1, 3	0, 0, 0, 0, 0, 1, 1, 1, 2, 2, 3, 4, 5, 5, 9, 9, 11
3 & K2P	-	0, 0, 0, 0, 1, 1	0, 0, 0, 1, 1, 1, 2, 2, 2, 2, 4, 6, 7, 8, 9, 11, 14
1 & MP	0, 1, 3, 3, 5, 5, 11, 12, 16, 17, 23, 23	0, 3, 4, 5	0, 0, 0, 1, 2, 3, 3, 4, 4, 5, 6, 7, 7, 11, 11, 13, 19
2 & MP	0, 0, 0, 2, 6, 7, 8, 8, 13, 13, 20, 20, 27, 33	0, 0, 9, 10	0, 0, 1, 1, 2, 2, 3, 3, 3, 6, 7, 7, 8, 10, 13, 15, 18
3 & MP	-	1, 2, 7, 10	0, 0, 2, 2, 2, 5, 5, 5, 5, 5, 6, 7, 10, 11, 13, 18

Data Set	59	65	73
TreeBASE ID	S322/M401	S964/M1596	S440/M647
Model 1	TVM+ Γ	K3Puf+I+ Γ	TrN+I+ Γ
Model 2	TrN+ Γ	K3Puf+ Γ	K2P+I+ Γ
Model 3	TVMef+ Γ	HKY+ Γ	-
1 & 2	0, 0, 0, 0, 1, 2, 2, 3, 11	0, 0, 0, 0, 0, 1, 1, 1, 1, 5	0, 0, 1, 2, 3, 5
1 & 3	0, 0, 0, 0, 1, 1, 2, 3, 4	0, 1, 1, 1, 1, 2, 2, 3, 4, 4	-
2 & 3	0, 0, 0, 0, 1, 2, 3, 4, 10	0, 0, 0, 1, 1, 1, 2, 2, 2, 5	-
1 & K2P	0, 0, 0, 2, 4, 9	0, 0, 0, 1, 1, 2, 2, 2, 3, 11	0, 1, 5, 15, 16
2 & K2P	0, 0, 0, 1, 6, 6	0, 0, 1, 1, 1, 1, 2, 3, 6, 10	0, 6, 13, 21
3 & K2P	0, 0, 0, 2, 8, 10	0, 0, 1, 1, 1, 1, 2, 5, 6, 8	-

1 & MP	0, 0, 0, 1, 9, 10	0, 0, 0, 1, 4, 4, 5, 7, 8, 10	0, 1, 1, 2, 20, 32
2 & MP	0, 0, 0, 0, 6, 12	0, 0, 1, 1, 2, 3, 4, 4, 7, 10	0, 0, 4, 25, 30
3 & MP	0, 0, 0, 1, 10, 14	0, 1, 1, 2, 2, 3, 3, 3, 9, 12	-

Data Set	79	98	100
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TreeBASE ID	S1053/M1794	S568/M861	S11x6x95c10c11c33/ M58c11x6x95c10c13c27
Model 1	GTR+I+ Γ	GTR+ Γ	SYM+ Γ
Model 2	SYM+I+ Γ	TIM+I+ Γ	TrNef+ Γ
Model 3	TrNef+I+ Γ	HKY+ Γ	K2P+ Γ
1 & 2	0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 2, 2	0, 0, 0, 1, 1, 4, 4, 5, 5, 5, 8	1, 1, 3, 5
1 & 3	0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 2	0, 1, 1, 1, 2, 2, 2, 4, 4, 4, 5, 5	0, 0, 1, 4, 4
2 & 3	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1	0, 0, 1, 2, 2, 3, 3, 5, 6, 6, 9	1, 1, 1, 2
1 & K2P	0, 0, 0, 0, 0, 1, 1, 1, 1, 2, 3, 3, 4	0, 0, 1, 3, 9, 9, 10, 10, 21, 30	1, 2, 3, 7, 10, 11
2 & K2P	0, 0, 0, 0, 0, 0, 1, 1, 1, 2, 2, 4, 6	0, 1, 1, 6, 10, 13, 14, 15, 21, 31	0, 3, 8, 10
3 & K2P	0, 0, 0, 0, 0, 0, 0, 1, 2, 2, 3, 6	0, 1, 1, 5, 5, 7, 8, 9, 16, 28	1, 1, 7, 10, 11
1 & MP	0, 0, 0, 0, 0, 0, 0, 1, 4, 4, 5, 7, 8	0, 1, 4, 7, 11, 17, 23, 30	1, 2, 2, 7, 15, 27
2 & MP	0, 0, 0, 0, 0, 0, 0, 0, 3, 5, 5, 9, 10	0, 1, 2, 11, 11, 16, 22, 23, 31	1, 3, 6, 10
3 & MP	0, 0, 0, 0, 0, 0, 0, 1, 3, 4, 5, 9	0, 0, 8, 9, 11, 15, 16, 18	1, 2, 5, 11, 27

Data Set	108	111	112
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TreeBASE ID	S584/M880	S375/M515	S1197/M2066
Model 1	TIM+I+ Γ	TVM+ Γ	HKY+ Γ
Model 2	K2P+ Γ	TrN+I+ Γ	HKY+I

Model 3	K2P+I	HKY+ Γ	HKY
1 & 2	0, 0, 0, 0, 1, 2, 4, 4, 5, 6	0, 1, 1, 1, 3, 4, 5, 19	0, 1
1 & 3	0, 0, 0, 0, 0, 1, 2, 3, 4, 6	1, 1, 1, 1, 2, 2, 3, 4	0, 2
2 & 3	0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 2, 2	0, 1, 2, 2, 3, 5, 6, 16	0, 3
1 & K2P	0, 0, 1, 1, 1, 2, 5, 6, 6, 7	2, 3, 6, 6, 7, 7, 10, 13	0, 1
2 & K2P	0, 0, 0, 0, 1, 1, 1, 1, 2, 3, 3	3, 3, 5, 5, 7, 8, 9, 12	0, 2
3 & K2P	0, 0, 0, 1, 1, 2, 2, 2, 2, 3, 5	0, 4, 4, 5, 5, 5, 6, 14	0, 3
1 & MP	0, 0, 0, 0, 1, 1, 3, 4, 4, 6	0, 2, 6, 6, 8, 17	0, 3
2 & MP	0, 0, 0, 1, 1, 3, 4, 4, 5, 6, 10	1, 3, 7, 7, 13, 13	0, 2
3 & MP	0, 0, 0, 0, 1, 2, 3, 5, 5, 6, 8	1, 2, 3, 4, 5, 15	0, 5

Data Set	122	123	124
TreeBASE ID	S1097/M1877	S619/M955	S902/M1482
Model 1	GTR+I+ Γ	GTR+I+ Γ	HKY+I+ Γ
Model 2	K2P+I+ Γ	SYM+I+ Γ	K2P+I+ Γ
Model 3	K2P+I	-	-
1 & 2	0, 1, 1, 1, 2, 3, 4	0, 0, 1, 4	0, 1, 1, 2, 2, 2, 5
1 & 3	0, 1, 1, 2, 3, 5, 8	-	-
2 & 3	0, 0, 1, 2, 3, 3, 5	-	-
1 & K2P	0, 1, 1, 3, 4, 5, 7	1, 1, 3	0, 1, 1, 1, 3, 3, 17
2 & K2P	0, 0, 0, 2, 3, 3, 3	0, 1, 7	1, 1, 2, 3, 5, 6, 17
3 & K2P	0, 0, 1, 3, 4, 5, 6	-	-
1 & MP	0, 1, 2, 2, 3, 6, 9	1, 1, 1	0, 1, 4, 5, 5, 31
2 & MP	0, 0, 1, 2, 4, 5, 5	0, 1, 3	1, 3, 4, 5, 5, 31
3 & MP	0, 3, 4, 5, 5, 6, 8	-	-

Data Set	134	136	137
TreeBASE ID	S284/M322	S554/M825	S1037/M1765
Model 1	TIM+I+ Γ	TVM+I+ Γ	TIM+ Γ
Model 2	TIMEf+I+ Γ	K3Puf+ Γ	F81+ Γ
Model 3	-	-	F81+I
1 & 2	0, 0, 1, 1, 1, 3	0, 1, 2, 3, 4, 4	0, 0, 0, 1, 4, 5
1 & 3	-	-	0, 0, 3, 3, 4
2 & 3	-	-	0, 0, 0, 1, 2, 3
1 & K2P	0, 1, 8, 18, 24	0, 0, 3, 8, 20, 20	0, 1, 1, 2, 2, 3, 4
2 & K2P	0, 1, 11, 17, 25	0, 1, 1, 5, 14, 18, 35	1, 1, 2, 2, 4, 4
3 & K2P	-	-	1, 1, 1, 4, 4
1 & MP	1, 1, 13	0, 0, 1, 12, 12, 21	1, 4, 5, 8
2 & MP	1, 1, 16	0, 1, 2, 8, 16, 19, 41	1, 3, 5, 12
3 & MP	-	-	1, 4, 5, 12

Data Set	147	149	161
TreeBASE ID	S422/M616	S357/M489	S799/M1265
Model 1	TVM+I+ Γ	TVM+I+ Γ	TVM+I+ Γ
Model 2	TVM+ Γ	TrN+I+ Γ	TVMef+ Γ
Model 3	K3Puf+I+ Γ	TVMef+I+ Γ	HKY+ Γ
1 & 2	0, 0, 0, 1, 2, 3, 3, 4, 4, 5, 8, 10	0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 2	0, 0, 0, 0, 0, 0, 0, 1, 2, 2, 2, 3, 3, 3, 4
1 & 3	0, 0, 0, 0, 1, 1, 2, 2, 2, 3, 3, 4, 7	0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 4	0, 0, 0, 0, 1, 1, 2, 2, 2, 2, 2, 3, 3, 4, 4, 5
2 & 3	0, 0, 0, 0, 1, 1, 5, 6, 8, 8, 9, 10	0, 0, 0, 0, 0, 0, 0, 0, 1, 2, 2	0, 0, 0, 0, 1, 1, 2, 2, 2, 2, 2, 3, 4, 4, 5
1 & K2P	0, 0, 0, 1, 1, 3, 5, 6, 8, 15, 17	0, 0, 0, 0, 0, 0, 1, 1, 2, 6, 7	0, 0, 0, 1, 1, 1, 1, 2, 3, 3, 3, 4, 4, 4, 5, 9
2 & K2P	0, 0, 1, 1, 1, 1, 1, 2, 3, 14, 18	0, 0, 0, 0, 0, 0, 1, 2, 3, 6, 7	0, 0, 0, 1, 1, 1, 1, 2, 2, 2, 2, 4, 4, 5, 9

3 & K2P	0, 0, 1, 1, 2, 7, 7, 7, 8, 8, 15	0, 0, 0, 0, 0, 0, 1, 1, 3, 5, 7	0, 0, 0, 1, 1, 1, 1, 1, 1, 2, 3, 3, 3, 4, 5, 5
1 & MP	0, 0, 1, 1, 3, 4, 7, 8, 8, 12, 27	0, 0, 0, 0, 0, 1, 3, 3, 7, 13	0, 0, 0, 0, 1, 1, 1, 2, 4, 7, 7, 7, 9, 12, 13
2 & MP	0, 1, 1, 1, 3, 3, 3, 4, 12, 15, 24	0, 0, 0, 0, 0, 1, 3, 3, 4, 13	0, 0, 1, 1, 2, 2, 3, 3, 4, 7, 7, 9, 11, 12
3 & MP	0, 1, 1, 2, 3, 5, 8, 8, 9, 12, 25	0, 0, 0, 0, 0, 1, 2, 3, 6, 13	0, 0, 1, 1, 1, 2, 3, 5, 6, 6, 7, 7, 10, 10, 11

Data Set	165	166	169
TreeBASE ID	S1229/M2139	S305/M347	S1059/M1806
Model 1	HKY+ Γ	GTR+I+ Γ	GTR+I+ Γ
Model 2	HKY+I	TrNef+I+ Γ	TrN+I+ Γ
Model 3	HKY	-	TrNef+I+ Γ
1 & 2	0, 1, 2, 3	0, 0, 0, 1, 1, 1, 2, 2, 2, 2, 2, 3, 4, 4, 7, 7, 9, 12, 16	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 3
1 & 3	0, 1, 1	-	0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 3, 4, 5
2 & 3	0, 2, 2	-	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 3, 3, 3, 4
1 & K2P	0, 1, 3, 4	0, 0, 1, 1, 1, 1, 2, 2, 3, 3, 5, 5, 5, 6, 7, 8, 9, 13, 14	0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 2, 2, 2, 3, 3, 3, 4, 4, 5, 6, 6, 6
2 & K2P	0, 1, 2, 3	0, 0, 0, 0, 0, 2, 2, 4, 4, 4, 5, 6, 6, 7, 8, 9, 11, 12, 13, 14, 24	0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 2, 3, 3, 3, 3, 3, 4, 4, 4, 8
3 & K2P	1, 2, 3	-	0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 2, 3, 3, 3, 4, 4, 4, 5, 6
1 & MP	1, 3, 6	0, 0, 1, 1, 1, 2, 3, 3, 4, 5, 5, 5, 7, 9, 17, 22	0, 0, 0, 0, 0, 1, 1, 1, 2, 2, 2, 3, 3, 3, 3, 4, 7, 8, 11, 13
2 & MP	2, 3, 3	0, 0, 1, 1, 1, 2, 2, 4, 6, 9, 9, 12, 12, 13, 14, 16, 17, 35	0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 3, 3, 3, 3, 4, 5, 7, 7, 10, 15

3 & MP	1, 2, 5	-	0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 3, 3, 4, 4, 4, 6, 7, 10, 12
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Data Set	176	198	199
TreeBASE ID	S887/M1438	S621/M959	S1092/M1867
Model 1	TVM+I+ Γ	TIMEf+ Γ	TVM+I
Model 2	HKY+I+ Γ	TrNef+ Γ	K3Puf+ Γ
Model 3	-	K2P+I	K3Puf+I
Model 4	-	JC+ Γ	-
1 & 2	0, 1, 1, 1, 2, 2, 3, 3, 5, 7	0, 1, 1, 2, 2	0, 2, 2
1 & 3	-	0, 1, 4, 10, 12	0, 2, 2
1 & 4	-	0, 0, 3, 8, 10	-
2 & 3	-	0, 2, 5, 8, 10	0, 1, 2
2 & 4	-	0, 1, 4, 6, 8	-
3 & 4	-	0, 0, 1, 1, 4	-
1 & K2P	0, 1, 4, 5, 8, 9, 12, 15, 15	0, 2, 3, 4, 4	0, 2, 6
2 & K2P	0, 0, 1, 3, 4, 7, 10, 12, 24	0, 1, 2, 2, 2	0, 4, 4
3 & K2P	-	0, 3, 6, 7, 8	0, 4, 5
4 & K2P	-	0, 2, 6, 6, 6	-
1 & MP	1, 2, 2, 6, 9, 12, 17, 24, 29	0, 0, 2, 4, 5	0, 2, 7
2 & MP	0, 1, 2, 5, 8, 10, 15, 21, 28	0, 0, 1, 4, 6	0, 4, 5
3 & MP	-	0, 1, 8, 9, 16	0, 4, 6
4 & MP	-	0, 0, 8, 8, 12	-

Data Set	217	221	222
TreeBASE ID	S1072/M1828	S983/M1636	S773/M1224
Model 1	GTR+I+ Γ	GTR+I+ Γ	GTR+I+ Γ

Model 2	TIM+I+ Γ	TrN+ Γ	TVM+I+ Γ
Model 3	-	K2P+I	TrN+I+ Γ
1 & 2	0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 2, 2, 2, 2, 3, 4, 4, 4	3	0, 0, 0, 0, 1, 1, 1, 2, 2, 4
1 & 3	-	11	0, 0, 1, 1, 1, 2, 2, 2, 4, 6
2 & 3	-	8	0, 0, 0, 0, 0, 0, 1, 4, 5, 6
1 & K2P	0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 2, 3, 4, 5, 9	7	0, 0, 2, 2, 3, 4, 7, 8, 9
2 & K2P	0, 0, 0, 0, 0, 0, 1, 1, 1, 2, 3, 6, 8, 16	10	0, 0, 0, 2, 3, 4, 5, 6, 11
3 & K2P	-	18	0, 0, 0, 3, 5, 6, 7, 10, 11
1 & MP	0, 0, 0, 1, 1, 1, 1, 1, 2, 4, 5, 6, 6, 11, 19	8	0, 0, 0, 0, 1, 2, 3, 4, 12
2 & MP	0, 0, 0, 1, 1, 1, 1, 2, 3, 4, 4, 4, 6, 9, 21	11	0, 0, 0, 0, 1, 2, 3, 4, 14
3 & MP	-	19	0, 0, 1, 1, 2, 4, 6, 7, 14

Data Set	224	227	237
TreeBASE ID	S1126/M1930	S396/M564	S1231/M2143
Model 1	TrN+I+ Γ	GTR+I+ Γ	TVM+I+ Γ
Model 2	TrN+I	TrN+I+ Γ	HKY+I+ Γ
Model 3	TrNef+I	-	-
1 & 2	0, 0, 0, 1, 1, 2	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 2, 2, 3, 3, 4	0, 0, 0, 1, 1, 1, 1, 2
1 & 3	0, 0, 1, 1, 3, 3	-	-
2 & 3	0, 0, 0, 1, 1, 2	-	-
1 & K2P	0, 0, 1, 1, 3, 4	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 2, 2, 2, 2, 2, 3, 4, 6, 7, 7, 9, 9, 11, 19	0, 1, 2, 2, 10, 11, 19, 21, 25
2 & K2P	0, 0, 0, 1, 2, 2	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 2, 3, 3, 4, 4, 4, 6, 6, 8, 10, 10, 12, 19	0, 1, 2, 11, 12, 20, 21, 24
3 & K2P	0, 0, 1, 2, 2, 2	-	-

1 & MP	0, 1, 1, 2, 4, 4	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 2, 3, 5, 5, 8, 8, 8, 8, 9, 15, 20, 25, 27	0, 0, 8, 10, 11, 12, 18, 23, 25
2 & MP	0, 1, 2, 2, 5, 6	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 3, 3, 4, 4, 7, 8, 9, 9, 10, 12, 23, 24	0, 0, 8, 11, 13, 15, 17, 24
3 & MP	0, 2, 2, 2, 7, 7	-	-

Data Set	241	242	245
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TreeBASE ID	S1127/M1933	S1163/M2000	S1216/M2102
Model 1	TVM+I	GTR+I	GTR+I+Γ
Model 2	K2P+I	K2P+Γ	TrN+I+Γ
Model 3	K2P	-	TrNef+I+Γ
1 & 2	0, 0, 0, 0, 0, 1, 3, 3, 4, 5	0, 4	0, 1, 1, 1, 1, 3, 4, 4, 5, 7, 7
1 & 3	0, 0, 0, 0, 2, 2, 2, 3, 3, 5	-	0, 0, 0, 1, 2, 3, 4, 5, 5, 6, 7
2 & 3	0, 0, 0, 0, 0, 0, 1, 1, 2, 3	-	0, 1, 1, 1, 1, 2, 2, 2, 2, 3, 4
1 & K2P	0, 0, 0, 0, 2, 2, 2, 3, 3, 5	0, 1, 3	0, 2, 4, 5, 7, 7, 22
2 & K2P	0, 0, 0, 0, 0, 0, 1, 1, 2, 3	0, 5	0, 1, 4, 5, 6, 6, 17
3 & K2P	N/A	-	1, 1, 2, 4, 5, 7, 18
1 & MP	0, 0, 0, 0, 1, 1, 4, 4, 6, 8	0, 1, 20	1, 2, 3, 6, 13, 14, 36
2 & MP	0, 0, 0, 0, 0, 0, 1, 1, 3, 3	0, 5	1, 1, 4, 7, 11, 14, 31
3 & MP	0, 0, 0, 1, 1, 2, 2, 3, 3, 3	-	0, 1, 6, 8, 13, 14, 32

Data Set	250
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TreeBASE ID	S939/M1556
Model 1	SYM+Γ
Model 2	TrNef+Γ
1 & 2	0, 0, 0, 0, 0, 1, 2, 2, 2, 2, 4, 4, 6, 6, 6, 6, 11

1 & K2P	0, 0, 0, 0, 1, 2, 3, 3, 4, 4, 8, 9, 11, 15, 15, 15
2 & K2P	0, 0, 0, 0, 0, 1, 1, 2, 2, 3, 3, 4, 5, 5, 5, 9, 9
1 & MP	0, 0, 0, 0, 1, 2, 2, 2, 2, 3, 3, 7, 8, 15, 16, 20, 25
2 & MP	0, 0, 0, 1, 1, 2, 2, 3, 4, 4, 5, 6, 8, 8, 9, 14, 19