

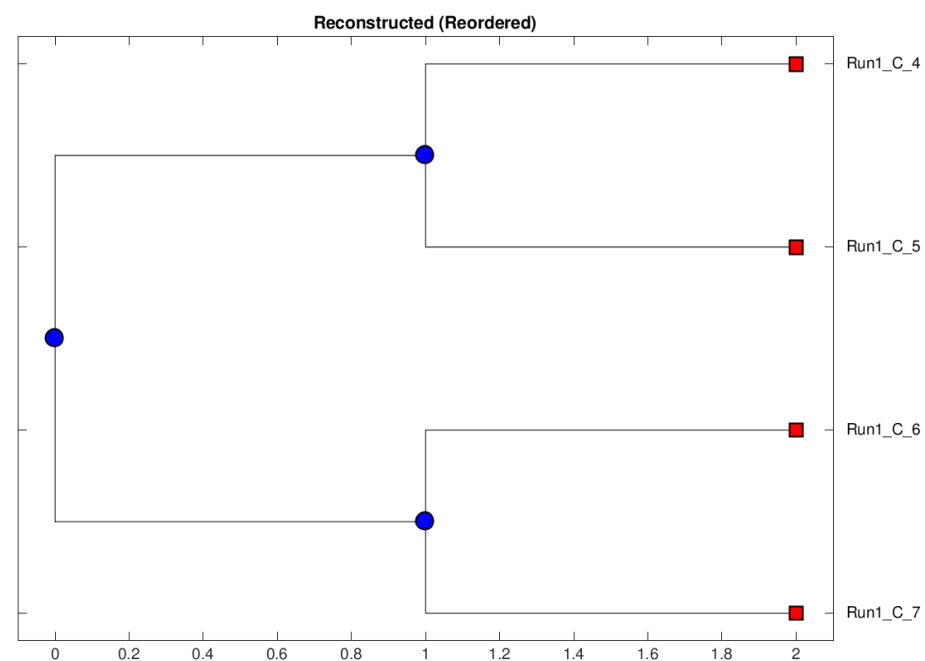
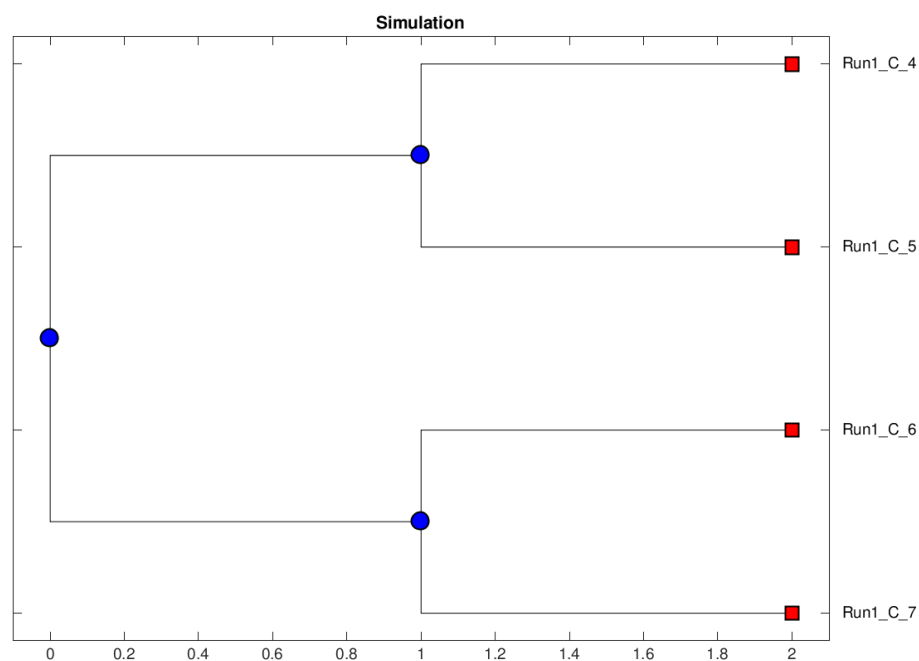
4 leaves (config-01.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	3

Mutation Table

excluded



RefTree_taxa	4.0	Triples	0.0
Tree_taxa	4.0	Triples_toYuleAvg	0.0
Common_taxa	4.0	Triples_toUnifAvg	0.0
MatchingCluster	0.0	MatchingPair	0.0
MatchingCluster_toYuleAvg	0.0	MatchingPair_toYuleAvg	0.0
MatchingCluster_toUnifAvg	0.0	MatchingPair_toUnifAvg	0.0
R-F_Cluster	0.0	MAST	0.0
R-F_Cluster_toYuleAvg	0.0	MAST_toYuleAvg	0.0
R-F_Cluster_toUnifAvg	0.0	MAST_toUnifAvg	0.0
NodalSplitted	0.0	CopheneticL2Metric	0.0
NodalSplitted_toYuleAvg	0.0	CopheneticL2Metric_toYuleAvg	0.0
NodalSplitted_toUnifAvg	0.0	CopheneticL2Metric_toUnifAvg	0.0

100.0%

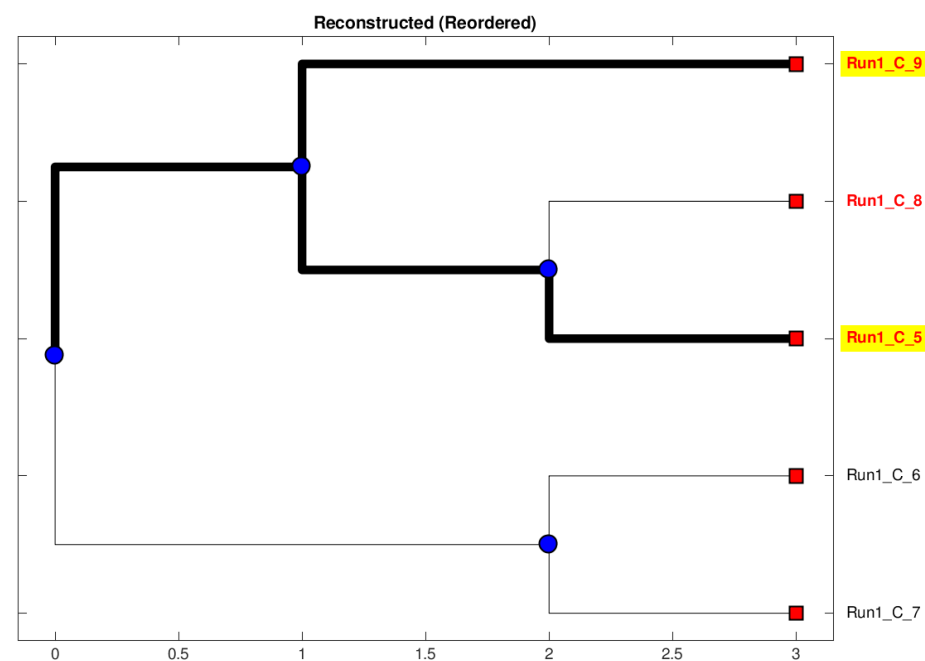
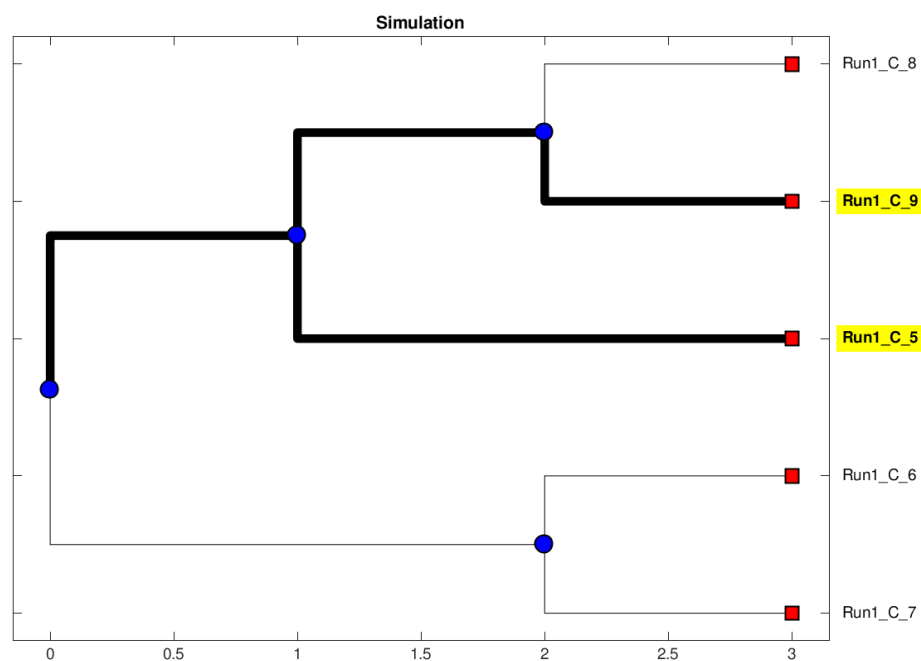
5 leaves (config-02.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	4

Mutation Table

excluded



RefTree_taxa	5.0	Triples	1.0
Tree_taxa	5.0	Triples_toYuleAvg	0.1494
Common_taxa	5.0	Triples_toUnifAvg	0.1495
MatchingCluster	2.0	MatchingPair	1.0
MatchingCluster_toYuleAvg	0.3351	MatchingPair_toYuleAvg	0.2231
MatchingCluster_toUnifAvg	0.3366	MatchingPair_toUnifAvg	0.2224
R-F_Cluster	0.5	MAST	1.0
R-F_Cluster_toYuleAvg	0.1903	MAST_toYuleAvg	0.5546
R-F_Cluster_toUnifAvg	0.1888	MAST_toUnifAvg	0.5482
NodalSplitted	2.4495	CopheneticL2Metric	1.7321
NodalSplitted_toYuleAvg	0.4364	CopheneticL2Metric_toYuleAvg	0.3558
NodalSplitted_toUnifAvg	0.4347	CopheneticL2Metric_toUnifAvg	0.3468

60.0%

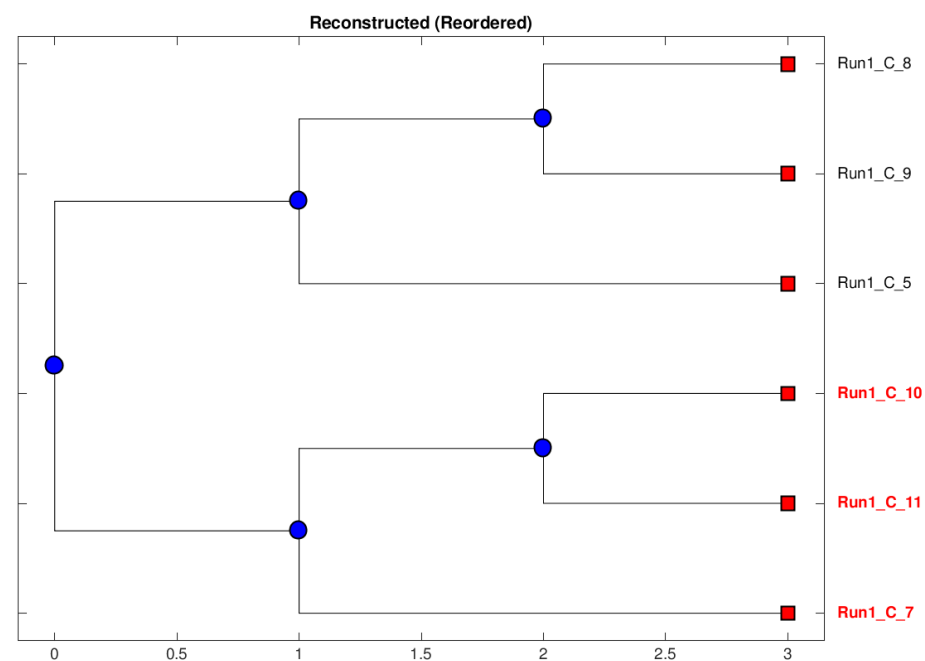
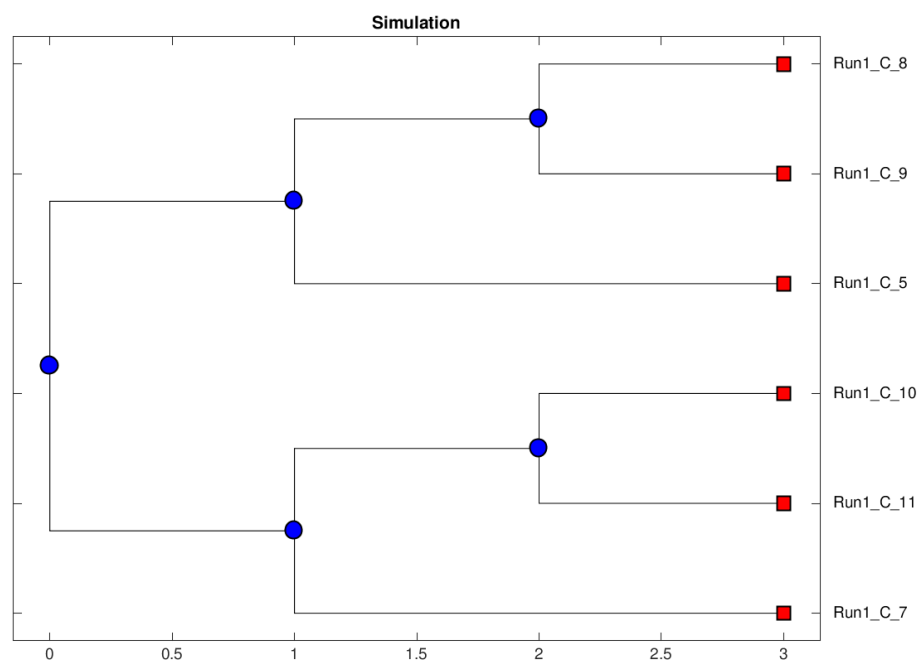
6 leaves (config-03.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	5

Mutation Table

excluded



RefTree_taxa	6.0	Triples	1.0
Tree_taxa	6.0	Triples_toYuleAvg	0.0747
Common_taxa	6.0	Triples_toUnifAvg	0.074
MatchingCluster	2.0	MatchingPair	1.0
MatchingCluster_toYuleAvg	0.2211	MatchingPair_toYuleAvg	0.1329
MatchingCluster_toUnifAvg	0.2184	MatchingPair_toUnifAvg	0.1327
R-F_Cluster	0.5	MAST	1.0
R-F_Cluster_toYuleAvg	0.1364	MAST_toYuleAvg	0.3984
R-F_Cluster_toUnifAvg	0.1363	MAST_toUnifAvg	0.3978
NodalSplitted	2.8284	CopheneticL2Metric	1.7321
NodalSplitted_toYuleAvg	0.3471	CopheneticL2Metric_toYuleAvg	0.2478
NodalSplitted_toUnifAvg	0.3416	CopheneticL2Metric_toUnifAvg	0.2443

100.0%

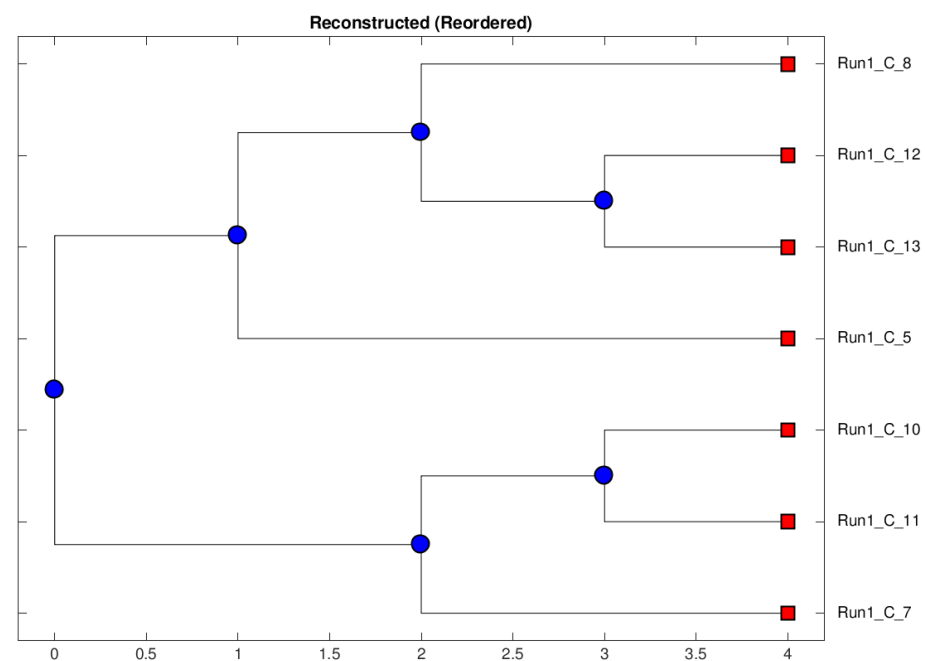
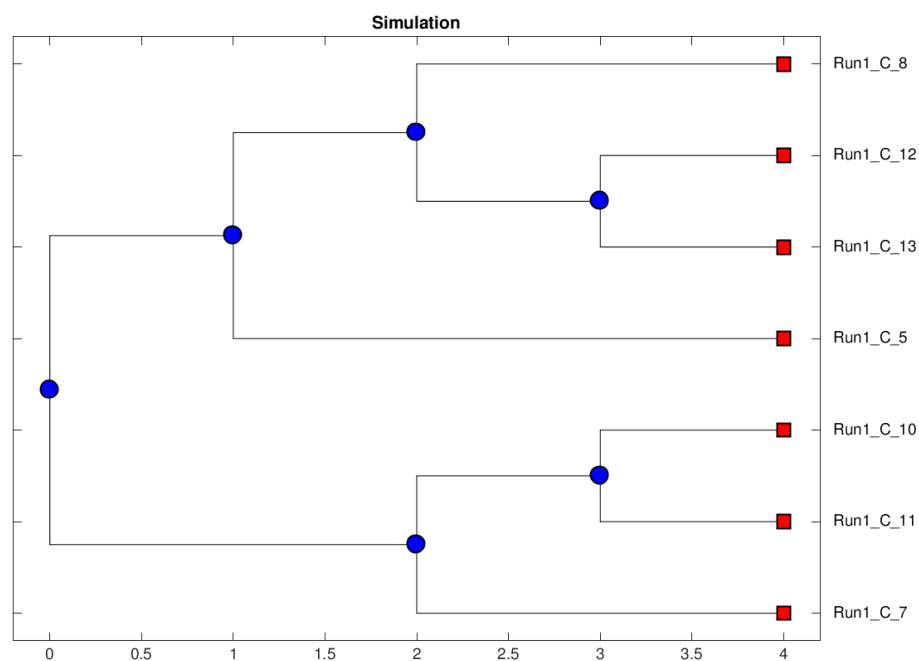
7 leaves (config-04.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	6

Mutation Table

excluded



RefTree_taxa	7.0	Triples	0.0
Tree_taxa	7.0	Triples_toYuleAvg	0.0
Common_taxa	7.0	Triples_toUnifAvg	0.0
MatchingCluster	0.0	MatchingPair	0.0
MatchingCluster_toYuleAvg	0.0	MatchingPair_toYuleAvg	0.0
MatchingCluster_toUnifAvg	0.0	MatchingPair_toUnifAvg	0.0
R-F_Cluster	0.0	MAST	0.0
R-F_Cluster_toYuleAvg	0.0	MAST_toYuleAvg	0.0
R-F_Cluster_toUnifAvg	0.0	MAST_toUnifAvg	0.0
NodalSplitted	0.0	CopheneticL2Metric	0.0
NodalSplitted_toYuleAvg	0.0	CopheneticL2Metric_toYuleAvg	0.0
NodalSplitted_toUnifAvg	0.0	CopheneticL2Metric_toUnifAvg	0.0

100.0%

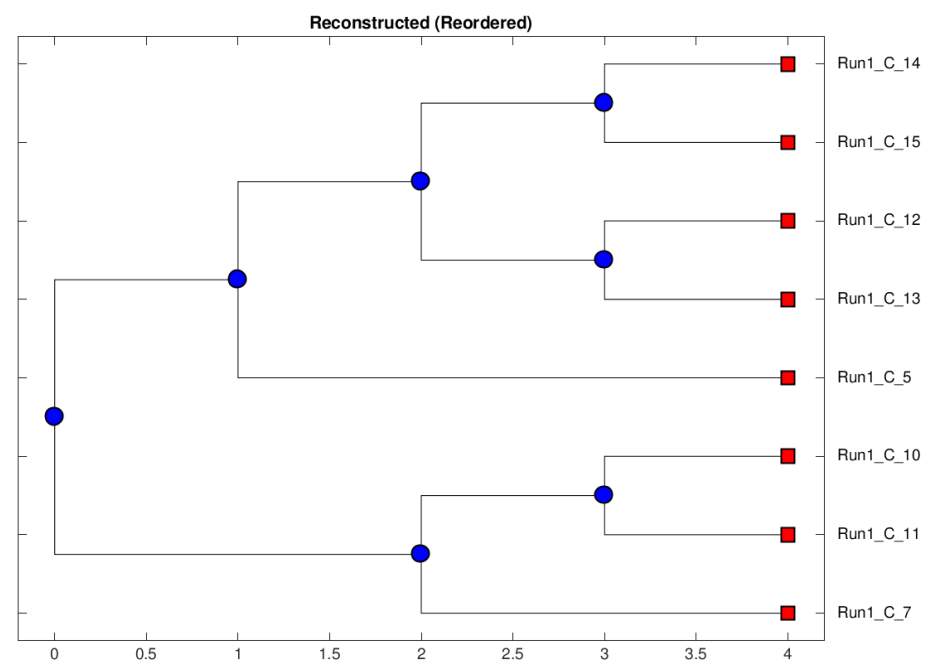
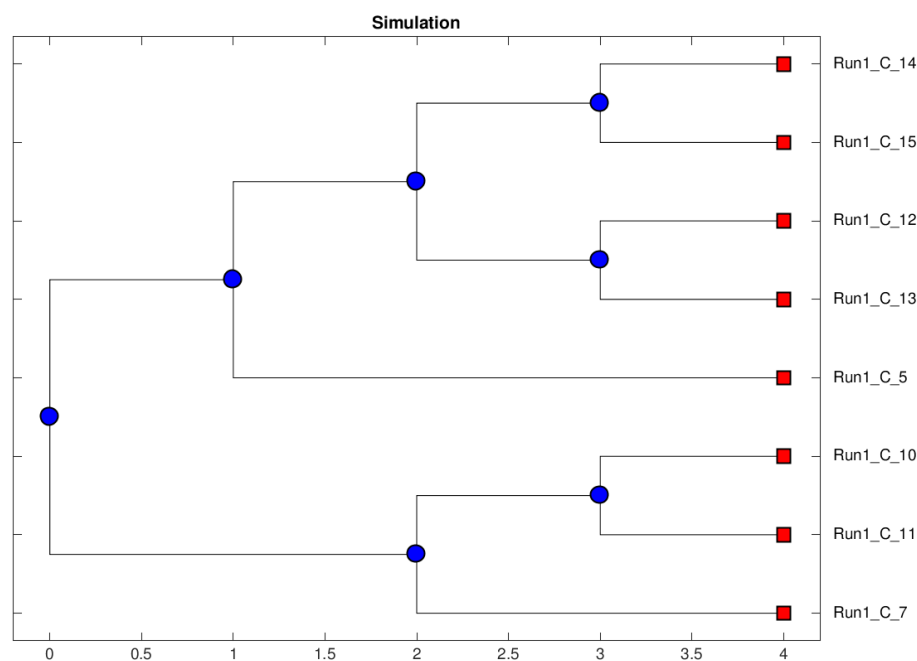
8 leaves (config-05.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	7

Mutation Table

excluded



RefTree_taxa	8.0	Triples	0.0
Tree_taxa	8.0	Triples_toYuleAvg	0.0
Common_taxa	8.0	Triples_toUnifAvg	0.0
MatchingCluster	0.0	MatchingPair	0.0
MatchingCluster_toYuleAvg	0.0	MatchingPair_toYuleAvg	0.0
MatchingCluster_toUnifAvg	0.0	MatchingPair_toUnifAvg	0.0
R-F_Cluster	0.0	MAST	0.0
R-F_Cluster_toYuleAvg	0.0	MAST_toYuleAvg	0.0
R-F_Cluster_toUnifAvg	0.0	MAST_toUnifAvg	0.0
NodalSplitted	0.0	CopheneticL2Metric	0.0
NodalSplitted_toYuleAvg	0.0	CopheneticL2Metric_toYuleAvg	0.0
NodalSplitted_toUnifAvg	0.0	CopheneticL2Metric_toUnifAvg	0.0

100.0%

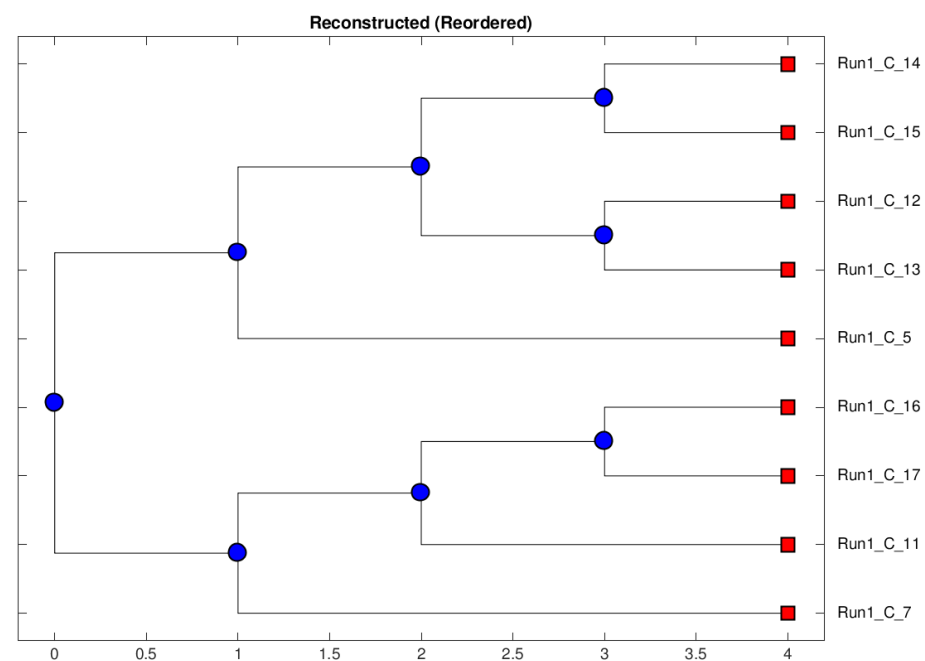
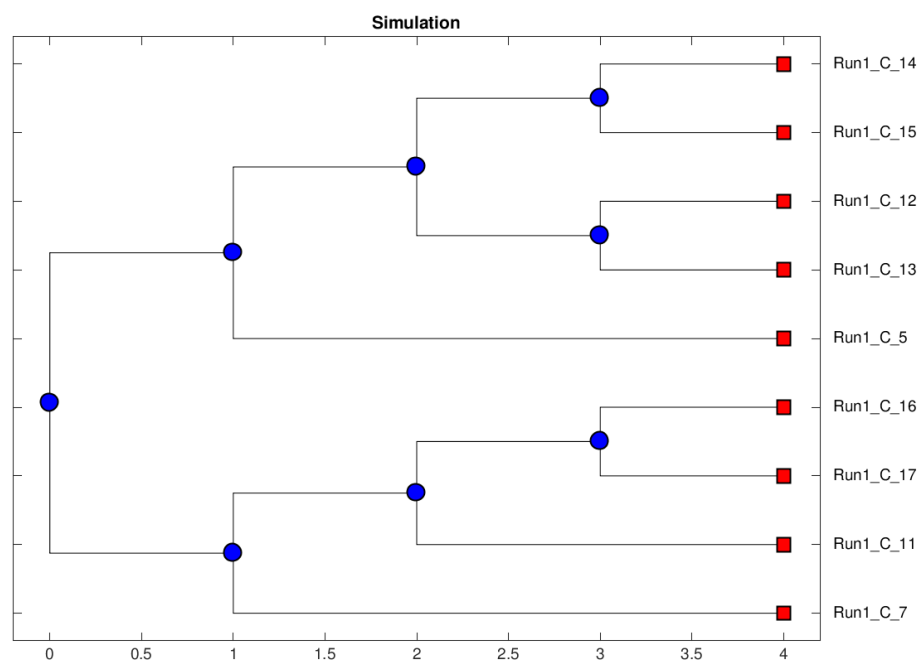
9 leaves (config-06.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	8

Mutation Table

excluded



RefTree_taxa	9.0	Triples	0.0
Tree_taxa	9.0	Triples_toYuleAvg	0.0
Common_taxa	9.0	Triples_toUnifAvg	0.0
MatchingCluster	0.0	MatchingPair	0.0
MatchingCluster_toYuleAvg	0.0	MatchingPair_toYuleAvg	0.0
MatchingCluster_toUnifAvg	0.0	MatchingPair_toUnifAvg	0.0
R-F_Cluster	0.0	MAST	0.0
R-F_Cluster_toYuleAvg	0.0	MAST_toYuleAvg	0.0
R-F_Cluster_toUnifAvg	0.0	MAST_toUnifAvg	0.0
NodalSplitted	0.0	CopheneticL2Metric	0.0
NodalSplitted_toYuleAvg	0.0	CopheneticL2Metric_toYuleAvg	0.0
NodalSplitted_toUnifAvg	0.0	CopheneticL2Metric_toUnifAvg	0.0

100.0%

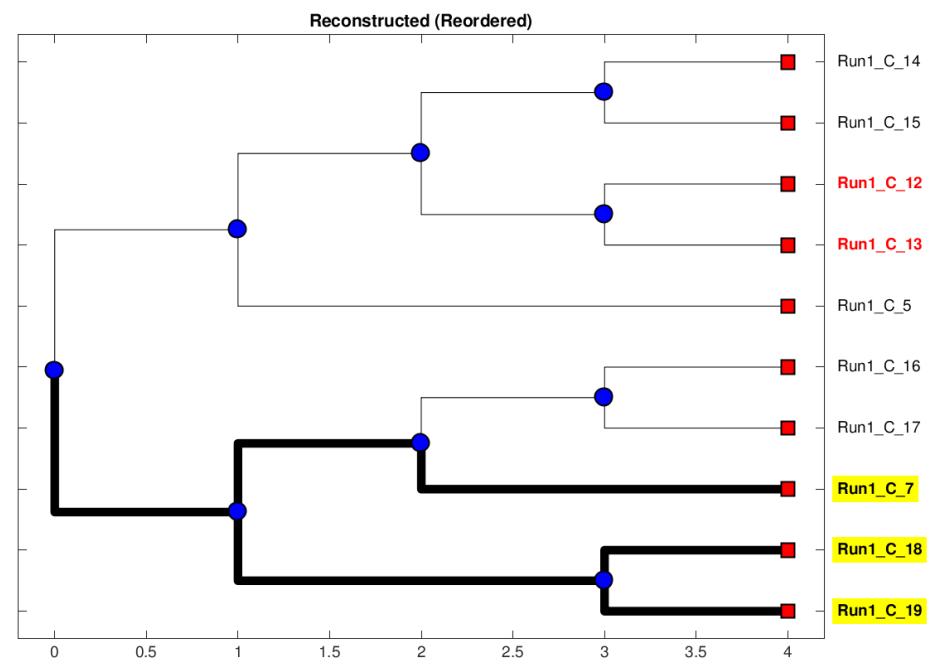
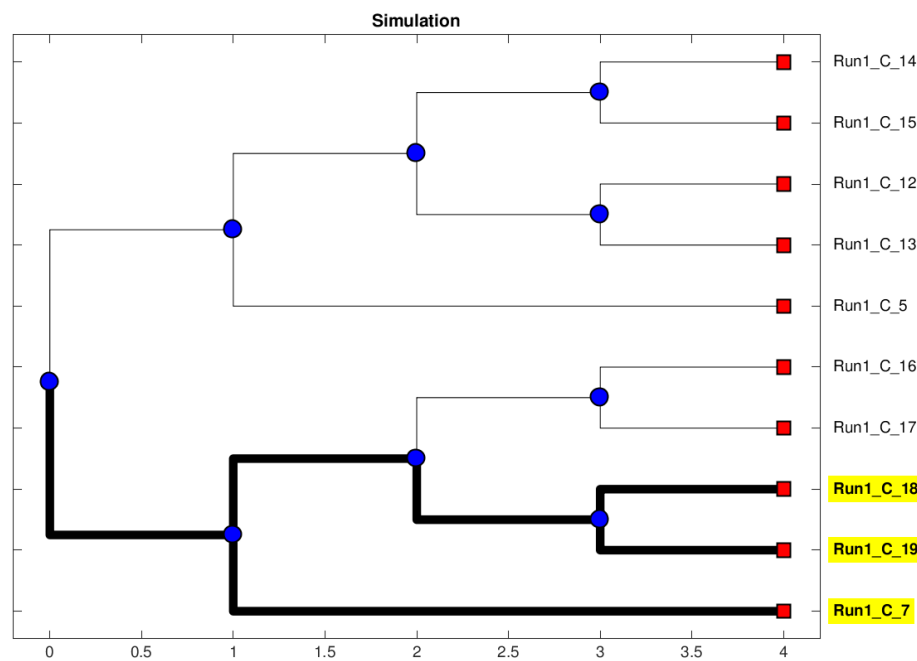
10 leaves (config-07.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	9

Mutation Table

excluded



RefTree_taxa	10.0	Triples	6.0
Tree_taxa	10.0	Triples_toYuleAvg	0.0748
Common_taxa	10.0	Triples_toUnifAvg	0.0755
MatchingCluster	5.0	MatchingPair	3.0
MatchingCluster_toYuleAvg	0.1967	MatchingPair_toYuleAvg	0.1085
MatchingCluster_toUnifAvg	0.1891	MatchingPair_toUnifAvg	0.1109
R-F_Cluster	1.5	MAST	2.0
R-F_Cluster_toYuleAvg	0.1938	MAST_toYuleAvg	0.3715
R-F_Cluster_toUnifAvg	0.1929	MAST_toUnifAvg	0.3738
NodalSplitted	6.4031	CopheneticL2Metric	3.6056
NodalSplitted_toYuleAvg	0.3162	CopheneticL2Metric_toYuleAvg	0.2202
NodalSplitted_toUnifAvg	0.2975	CopheneticL2Metric_toUnifAvg	0.21

70.0%

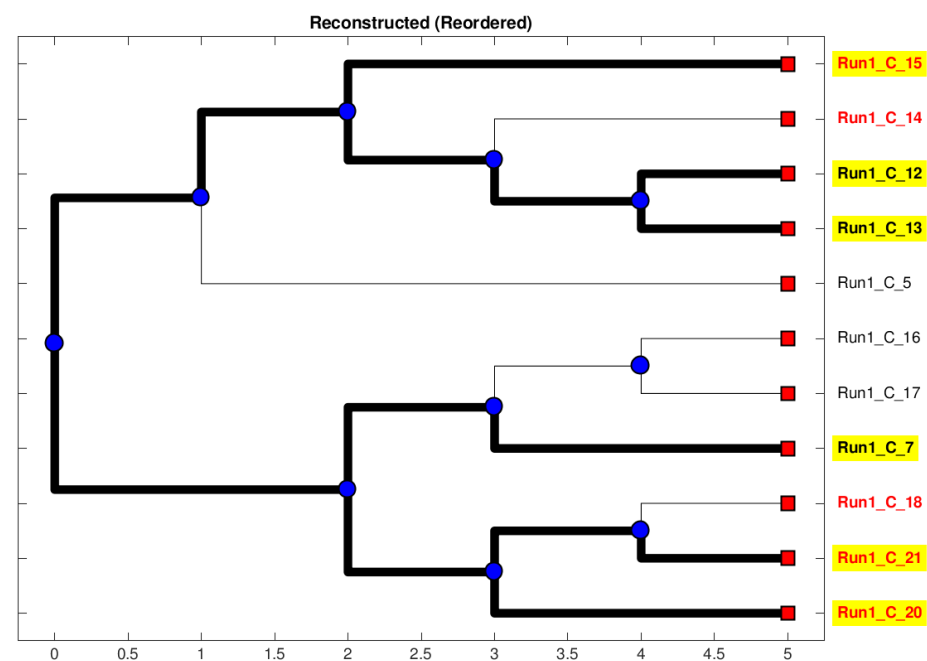
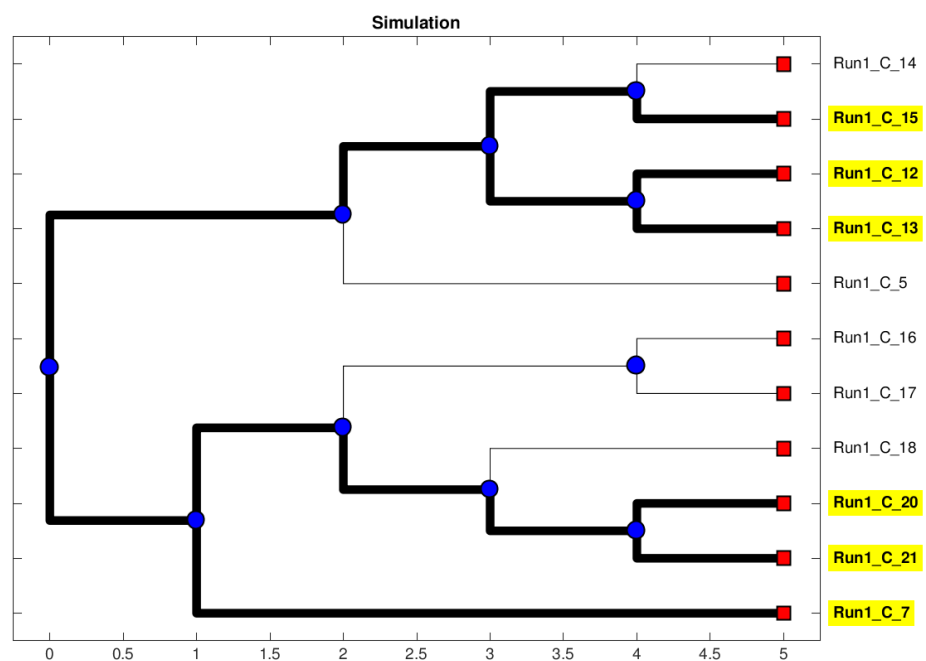
11 leaves (config-08.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	10

Mutation Table

excluded



RefTree_taxa	11.0	Triples	9.0
Tree_taxa	11.0	Triples_toYuleAvg	0.0819
Common_taxa	11.0	Triples_toUnifAvg	0.0817
MatchingCluster	8.0	MatchingPair	5.0
MatchingCluster_toYuleAvg	0.2636	MatchingPair_toYuleAvg	0.1456
MatchingCluster_toUnifAvg	0.2504	MatchingPair_toUnifAvg	0.1468
R-F_Cluster	2.0	MAST	3.0
R-F_Cluster_toYuleAvg	0.229	MAST_toYuleAvg	0.4855
R-F_Cluster_toUnifAvg	0.2272	MAST_toUnifAvg	0.4848
NodalSplitted	9.6954	CopheneticL2Metric	5.1962
NodalSplitted_toYuleAvg	0.4085	CopheneticL2Metric_toYuleAvg	0.2726
NodalSplitted_toUnifAvg	0.3782	CopheneticL2Metric_toUnifAvg	0.2527

45.5%

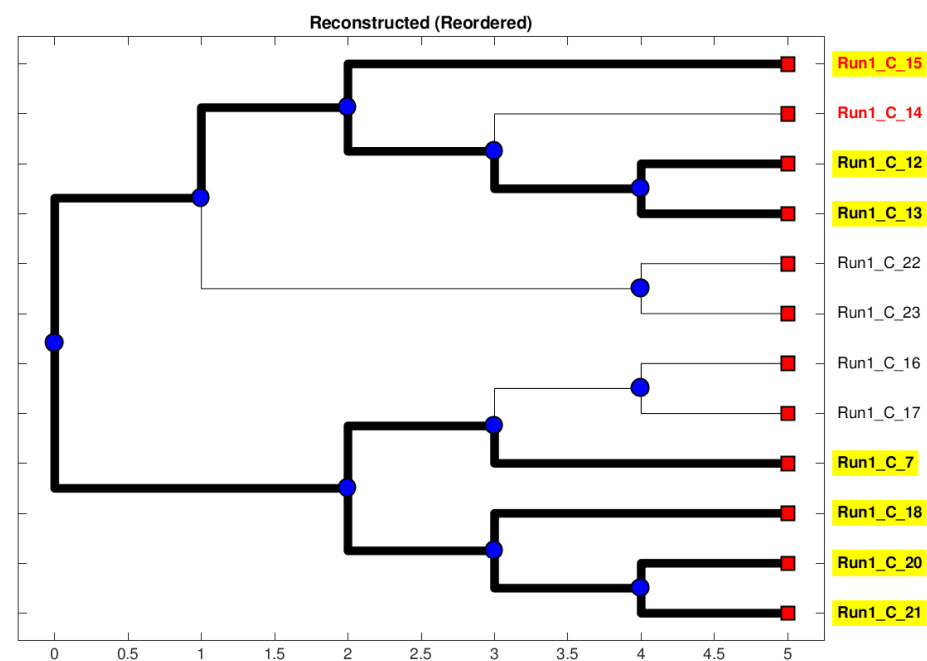
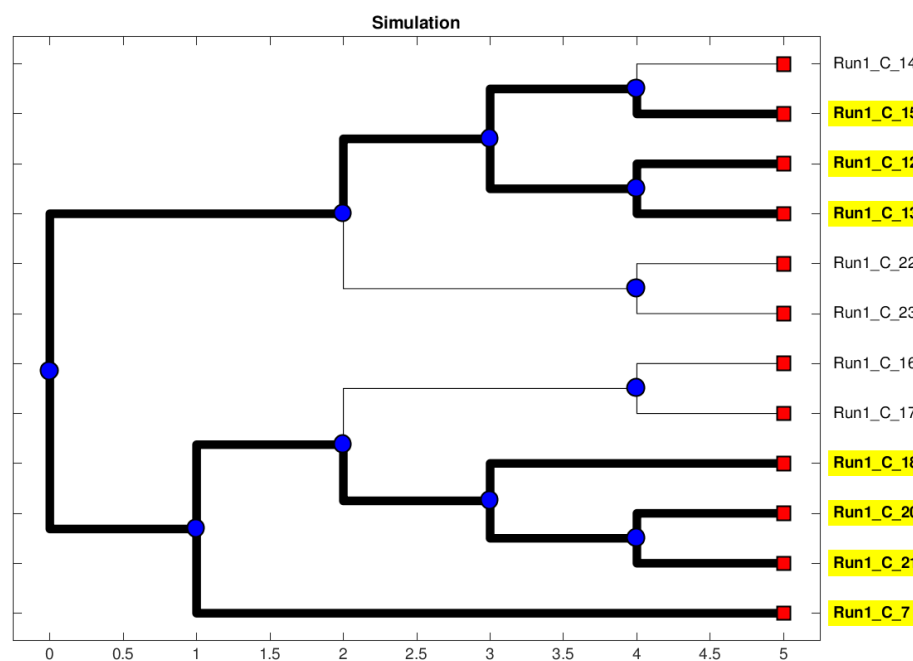
12 leaves (config-09.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	11

Mutation Table

excluded



RefTree_taxa	12.0	Triples	8.0
Tree_taxa	12.0	Triples_toYuleAvg	0.0543
Common_taxa	12.0	Triples_toUnifAvg	0.0545
MatchingCluster	6.0	MatchingPair	4.0
MatchingCluster_toYuleAvg	0.169	MatchingPair_toYuleAvg	0.0946
MatchingCluster_toUnifAvg	0.1587	MatchingPair_toUnifAvg	0.0958
R-F_Cluster	1.5	MAST	2.0
R-F_Cluster_toYuleAvg	0.1538	MAST_toYuleAvg	0.2902
R-F_Cluster_toUnifAvg	0.1532	MAST_toUnifAvg	0.2874
NodalSplitted	7.6158	CopheneticL2Metric	4.2426
NodalSplitted_toYuleAvg	0.2796	CopheneticL2Metric_toYuleAvg	0.1957
NodalSplitted_toUnifAvg	0.2545	CopheneticL2Metric_toUnifAvg	0.1801

41.7%

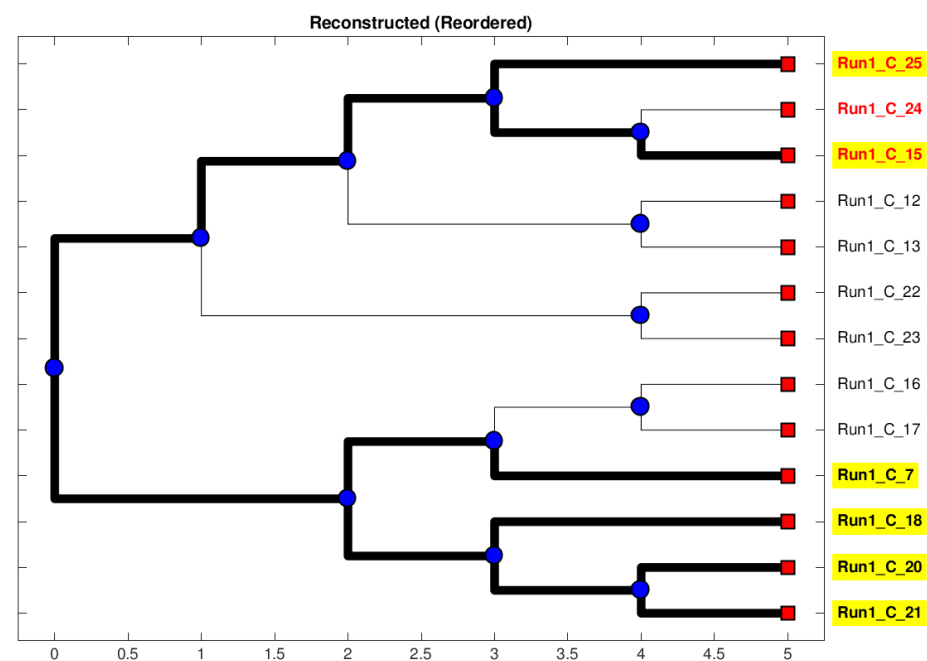
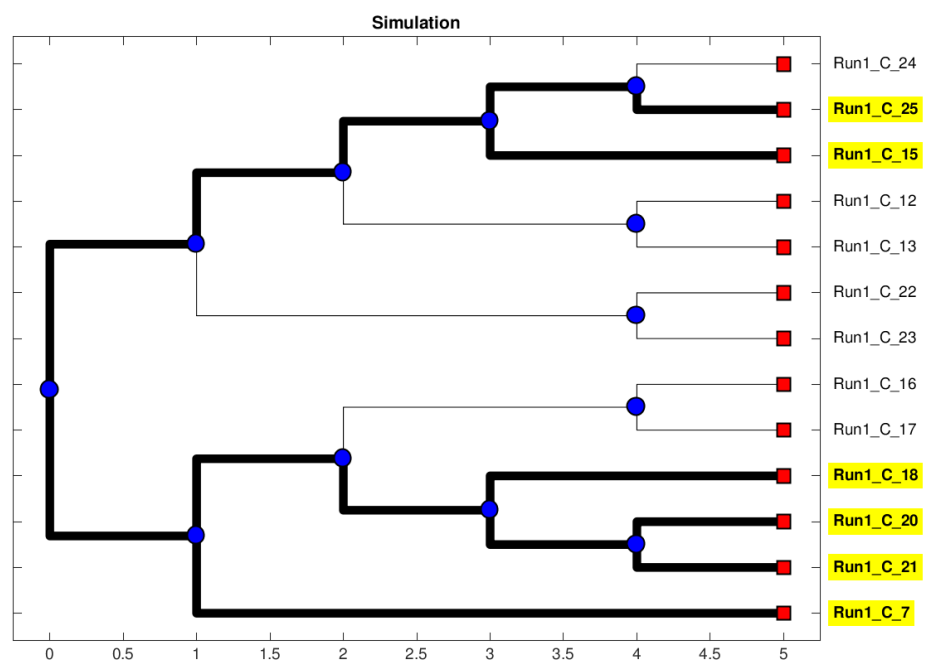
13 leaves (config-10.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	12

Mutation Table

excluded



RefTree_taxa	13.0	Triples	7.0
Tree_taxa	13.0	Triples_toYuleAvg	0.0366
Common_taxa	13.0	Triples_toUnifAvg	0.0366
MatchingCluster	6.0	MatchingPair	4.0
MatchingCluster_toYuleAvg	0.1469	MatchingPair_toYuleAvg	0.0785
MatchingCluster_toUnifAvg	0.136	MatchingPair_toUnifAvg	0.0799
R-F_Cluster	1.5	MAST	2.0
R-F_Cluster_toYuleAvg	0.1391	MAST_toYuleAvg	0.2598
R-F_Cluster_toUnifAvg	0.1386	MAST_toUnifAvg	0.2576
NodalSplitted	8.0	CopheneticL2Metric	4.2426
NodalSplitted_toYuleAvg	0.2612	CopheneticL2Metric_toYuleAvg	0.1749
NodalSplitted_toUnifAvg	0.2308	CopheneticL2Metric_toUnifAvg	0.1588

53.8%

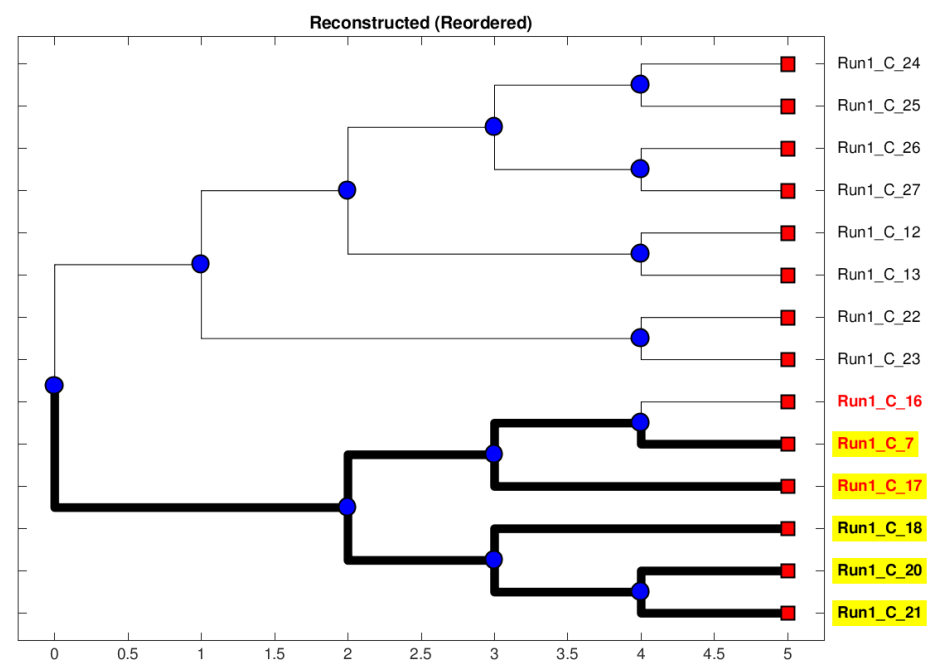
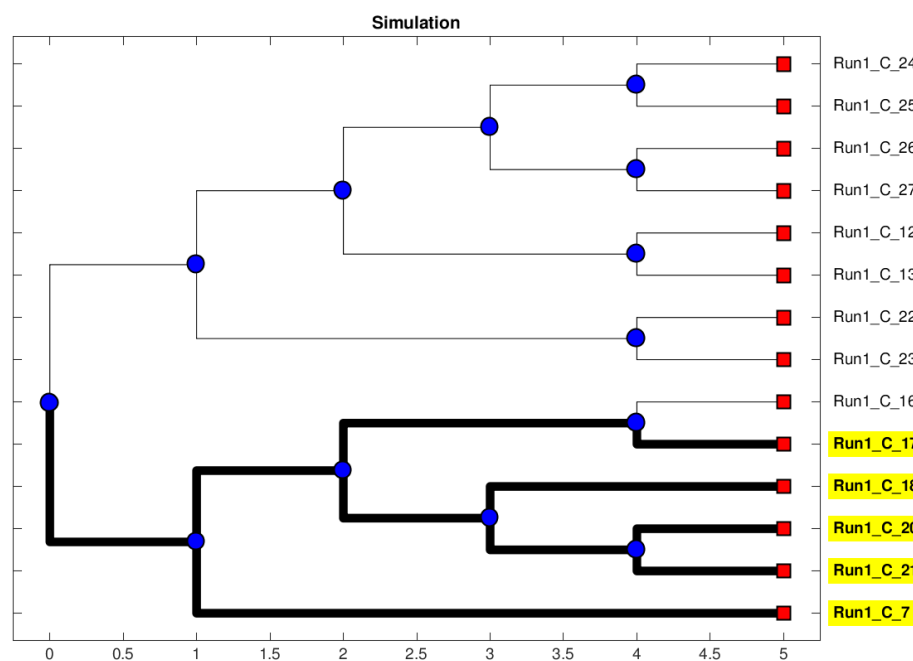
14 leaves (config-11.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	13

Mutation Table

excluded



RefTree_taxa	14.0	Triples	7.0
Tree_taxa	14.0	Triples_toYuleAvg	0.0288
Common_taxa	14.0	Triples_toUnifAvg	0.0289
MatchingCluster	6.0	MatchingPair	4.0
MatchingCluster_toYuleAvg	0.1284	MatchingPair_toYuleAvg	0.0665
MatchingCluster_toUnifAvg	0.1189	MatchingPair_toUnifAvg	0.0677
R-F_Cluster	1.5	MAST	1.0
R-F_Cluster_toYuleAvg	0.1274	MAST_toYuleAvg	0.1179
R-F_Cluster_toUnifAvg	0.127	MAST_toUnifAvg	0.1167
NodalSplitted	7.874	CopheneticL2Metric	4.2426
NodalSplitted_toYuleAvg	0.2266	CopheneticL2Metric_toYuleAvg	0.155
NodalSplitted_toUnifAvg	0.2016	CopheneticL2Metric_toUnifAvg	0.139

64.3%

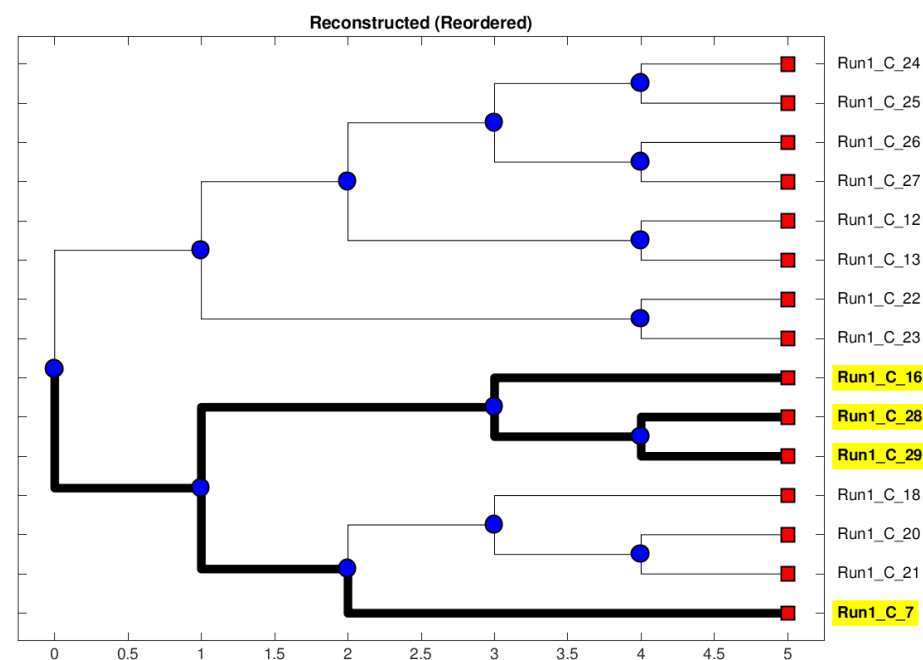
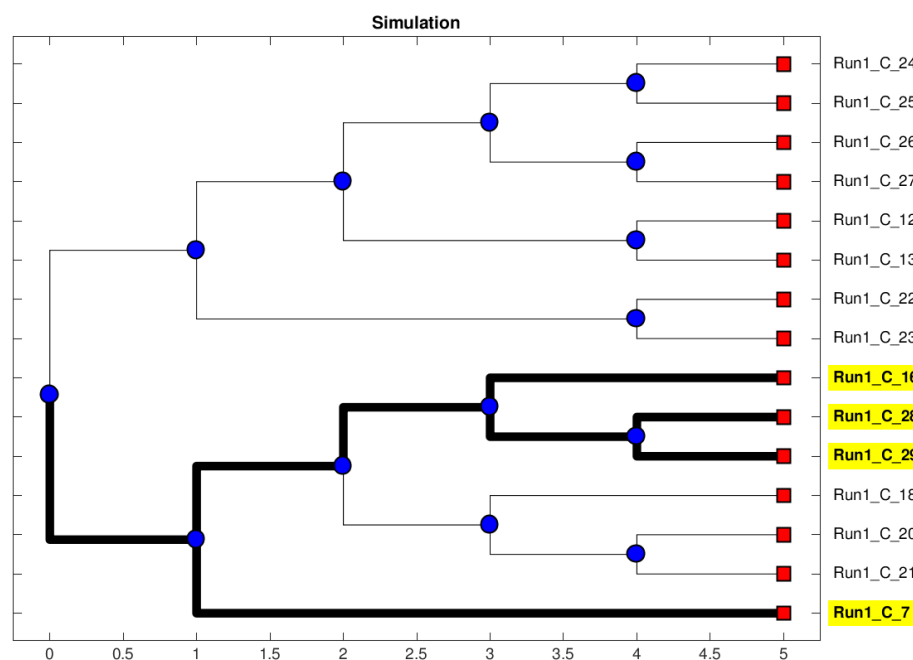
15 leaves (config-12.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	14

Mutation Table

excluded



RefTree_taxa	15.0	Triples	9.0
Tree_taxa	15.0	Triples_toYuleAvg	0.0298
Common_taxa	15.0	Triples_toUnifAvg	0.0297
MatchingCluster	4.0	MatchingPair	3.0
MatchingCluster_toYuleAvg	0.0773	MatchingPair_toYuleAvg	0.0426
MatchingCluster_toUnifAvg	0.0696	MatchingPair_toUnifAvg	0.0432
R-F_Cluster	1.0	MAST	1.0
R-F_Cluster_toYuleAvg	0.0785	MAST_toYuleAvg	0.1083
R-F_Cluster_toUnifAvg	0.078	MAST_toUnifAvg	0.1067
NodalSplitted	7.0711	CopheneticL2Metric	4.3589
NodalSplitted_toYuleAvg	0.1868	CopheneticL2Metric_toYuleAvg	0.1455
NodalSplitted_toUnifAvg	0.1608	CopheneticL2Metric_toUnifAvg	0.1287

73.3%

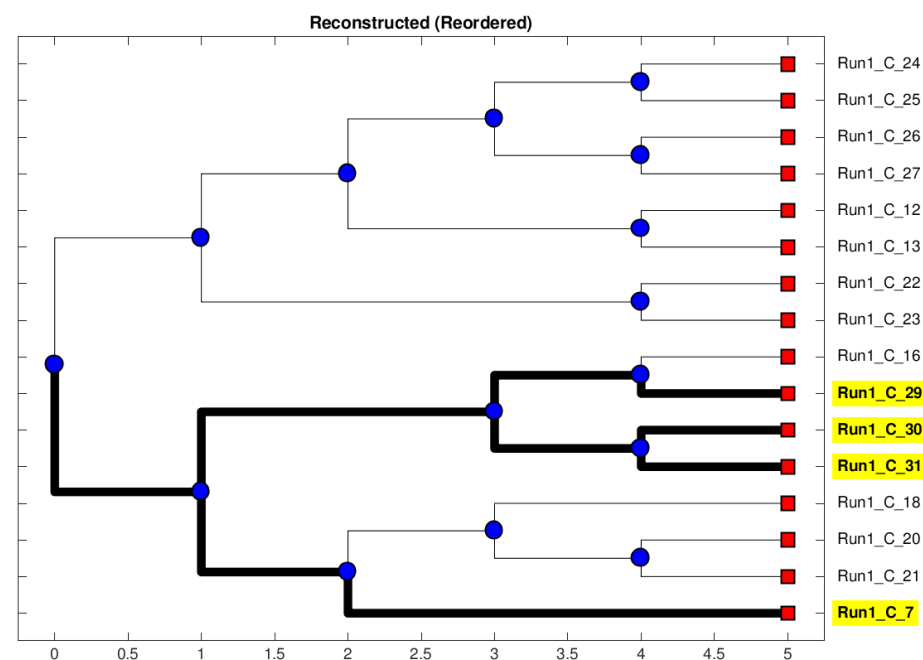
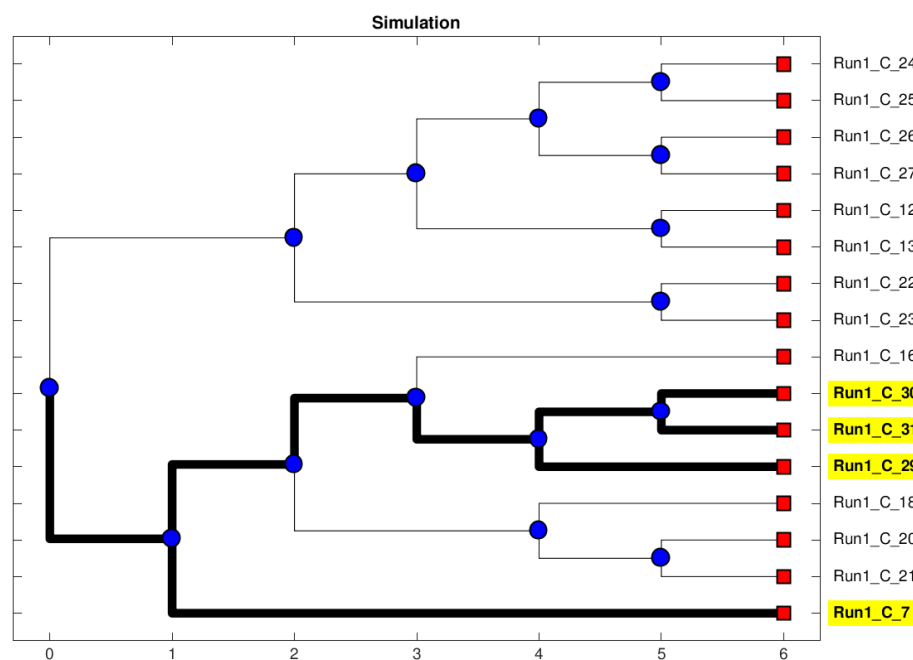
16 leaves (config-13.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	15

Mutation Table

excluded



RefTree_taxa	16.0	Triples	14.0
Tree_taxa	16.0	Triples_toYuleAvg	0.0375
Common_taxa	16.0	Triples_toUnifAvg	0.0376
MatchingCluster	8.0	MatchingPair	6.0
MatchingCluster_toYuleAvg	0.1369	MatchingPair_toYuleAvg	0.0735
MatchingCluster_toUnifAvg	0.1239	MatchingPair_toUnifAvg	0.075
R-F_Cluster	2.0	MAST	2.0
R-F_Cluster_toYuleAvg	0.1452	MAST_toYuleAvg	0.1987
R-F_Cluster_toUnifAvg	0.1447	MAST_toUnifAvg	0.1975
NodalSplitted	11.1355	CopheneticL2Metric	6.245
NodalSplitted_toYuleAvg	0.2646	CopheneticL2Metric_toYuleAvg	0.19
NodalSplitted_toUnifAvg	0.2263	CopheneticL2Metric_toUnifAvg	0.1679

75.0%

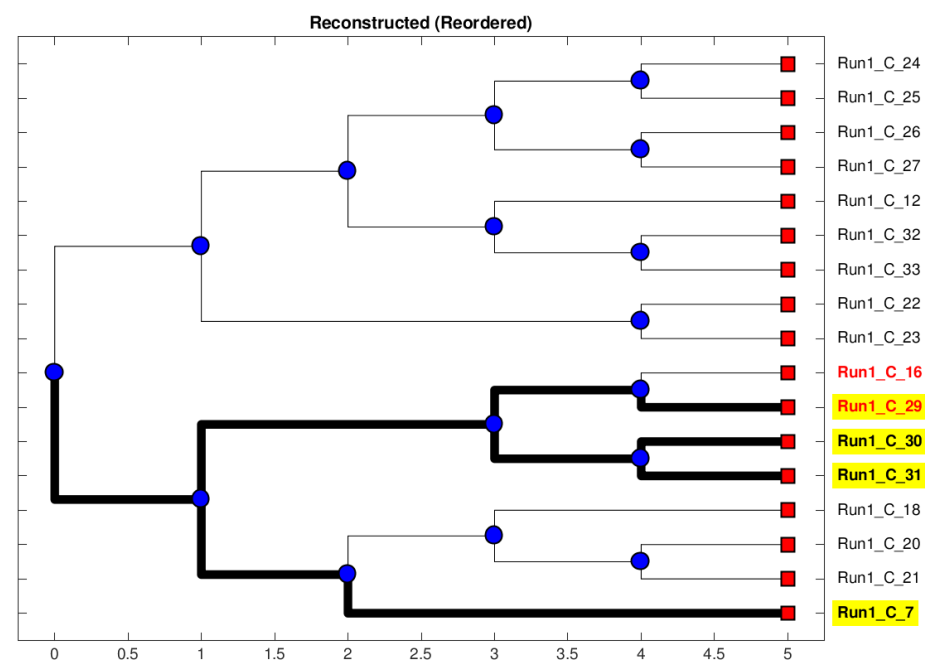
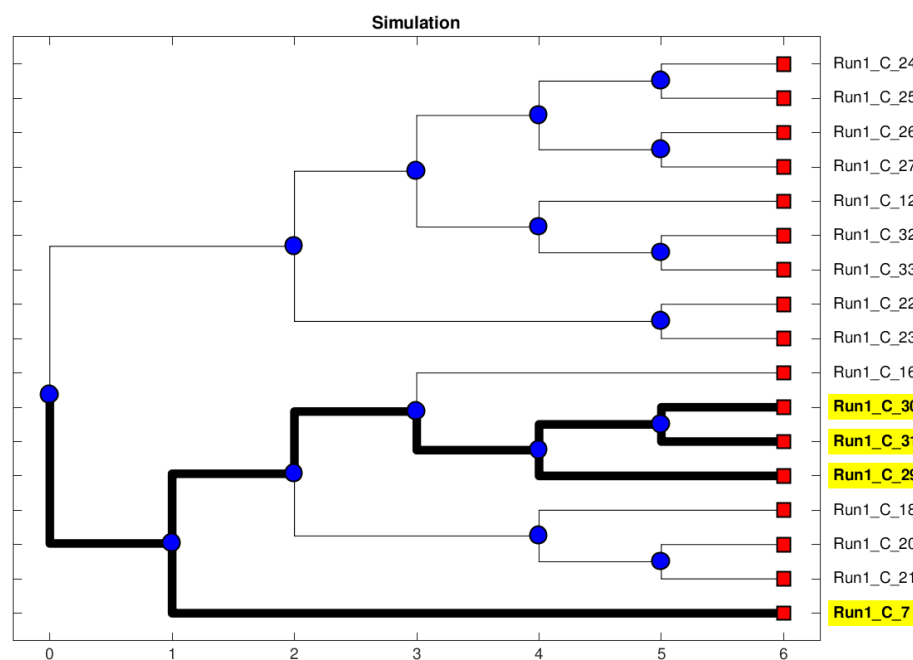
17 leaves (config-14.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	16

Mutation Table

excluded



RefTree_taxa	17.0	Triples	14.0
Tree_taxa	17.0	Triples_toYuleAvg	0.0308
Common_taxa	17.0	Triples_toUnifAvg	0.0308
MatchingCluster	8.0	MatchingPair	6.0
MatchingCluster_toYuleAvg	0.1238	MatchingPair_toYuleAvg	0.0642
MatchingCluster_toUnifAvg	0.1101	MatchingPair_toUnifAvg	0.0652
R-F_Cluster	1.5	MAST	2.0
R-F_Cluster_toYuleAvg	0.1015	MAST_toYuleAvg	0.1839
R-F_Cluster_toUnifAvg	0.101	MAST_toUnifAvg	0.1827
NodalSplitted	13.0384	CopheneticL2Metric	6.6332
NodalSplitted_toYuleAvg	0.2845	CopheneticL2Metric_toYuleAvg	0.1847
NodalSplitted_toUnifAvg	0.2381	CopheneticL2Metric_toUnifAvg	0.1605

76.5%

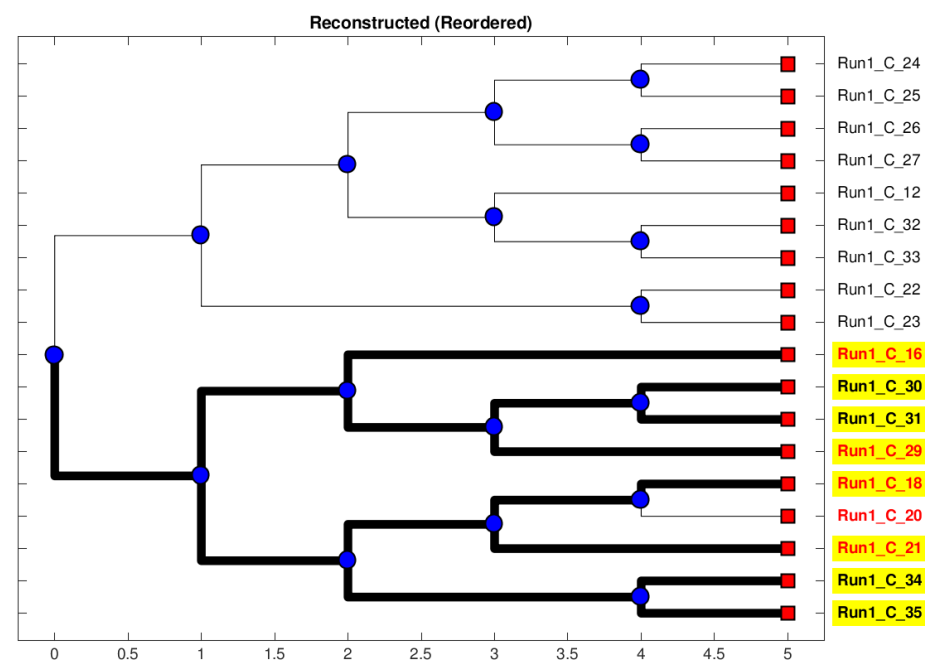
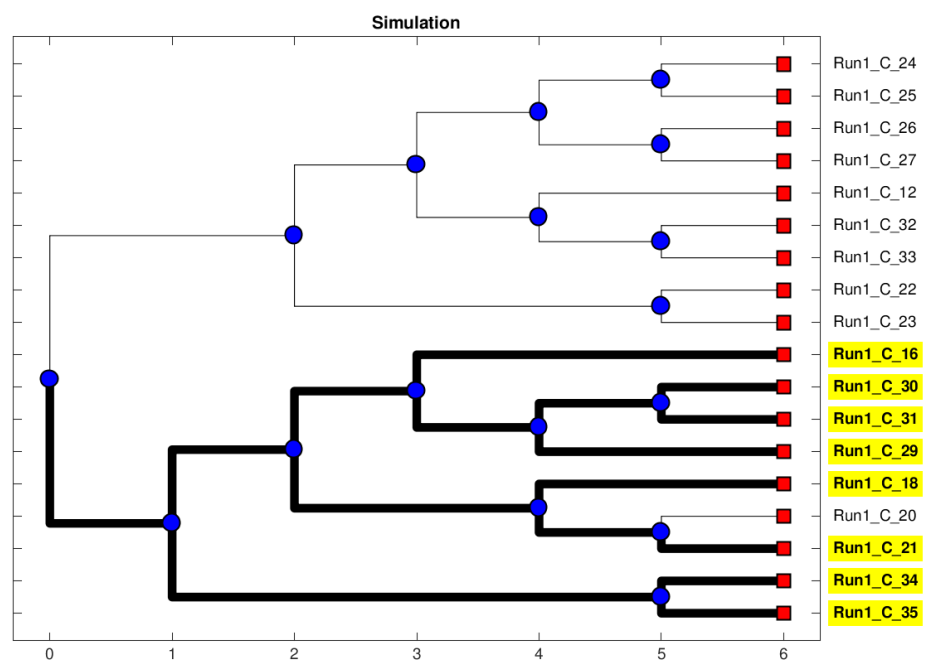
18 leaves (config-15.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	17

Mutation Table

excluded



RefTree_taxa	18.0	Triples	27.0
Tree_taxa	18.0	Triples_toYuleAvg	0.0494
Common_taxa	18.0	Triples_toUnifAvg	0.0497
MatchingCluster	11.0	MatchingPair	11.0
MatchingCluster_toYuleAvg	0.1548	MatchingPair_toYuleAvg	0.1034
MatchingCluster_toUnifAvg	0.1368	MatchingPair_toUnifAvg	0.1058
R-F_Cluster	2.0	MAST	4.0
R-F_Cluster_toYuleAvg	0.1267	MAST_toYuleAvg	0.3408
R-F_Cluster_toUnifAvg	0.1264	MAST_toUnifAvg	0.3399
NodalSplitted	14.9332	CopheneticL2Metric	7.2111
NodalSplitted_toYuleAvg	0.3004	CopheneticL2Metric_toYuleAvg	0.1838
NodalSplitted_toUnifAvg	0.2464	CopheneticL2Metric_toUnifAvg	0.1595

55.6%

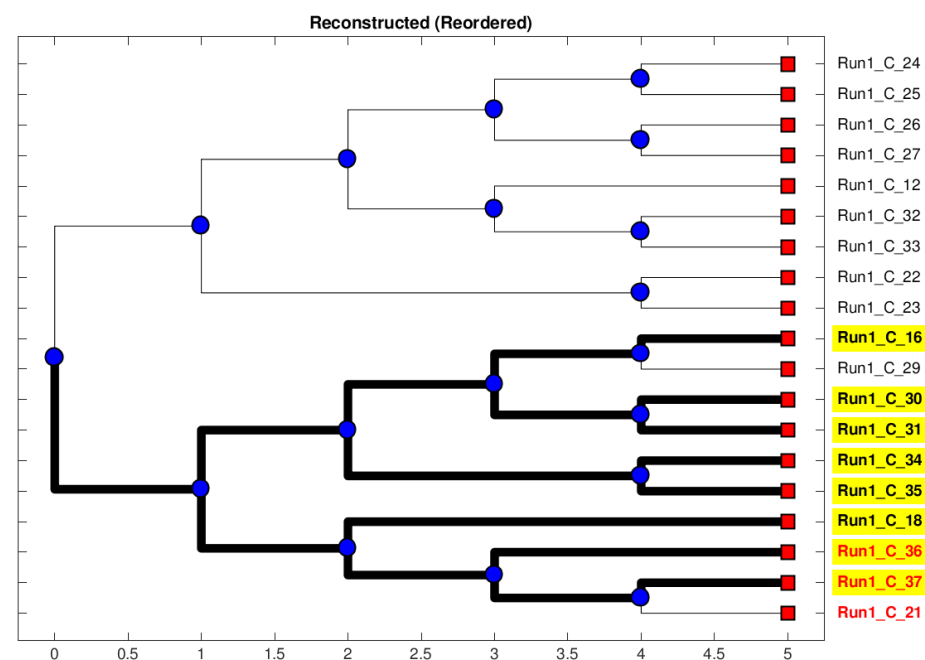
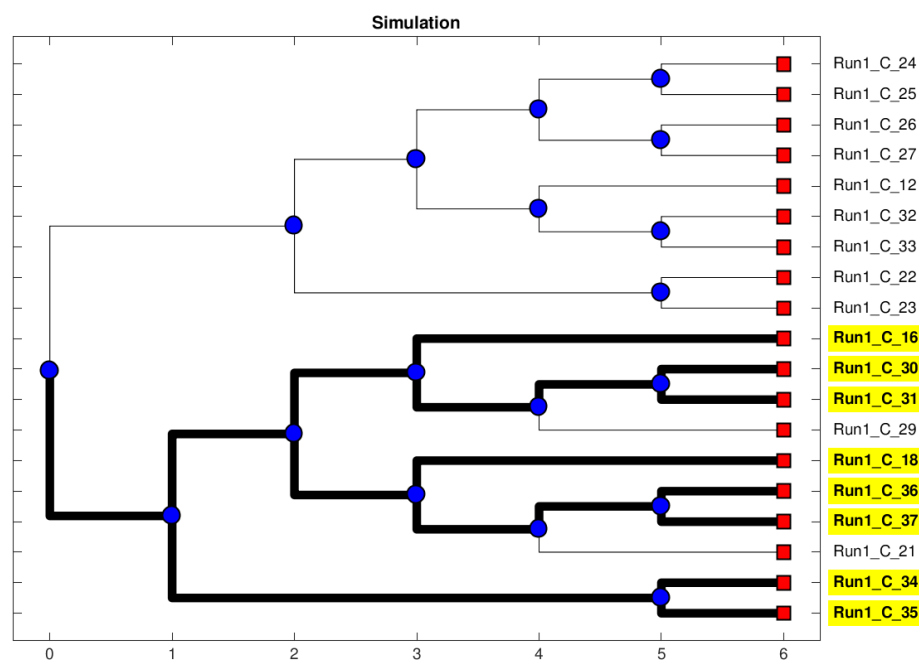
19 leaves (config-16.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	18

Mutation Table

excluded



RefTree_taxa	19.0	Triples	35.0
Tree_taxa	19.0	Triples_toYuleAvg	0.0544
Common_taxa	19.0	Triples_toUnifAvg	0.0541
MatchingCluster	11.0	MatchingPair	11.0
MatchingCluster_toYuleAvg	0.1419	MatchingPair_toYuleAvg	0.0919
MatchingCluster_toUnifAvg	0.1238	MatchingPair_toUnifAvg	0.0934
R-F_Cluster	2.5	MAST	4.0
R-F_Cluster_toYuleAvg	0.1493	MAST_toYuleAvg	0.3196
R-F_Cluster_toUnifAvg	0.1485	MAST_toUnifAvg	0.3171
NodalSplitted	14.8324	CopheneticL2Metric	7.2801
NodalSplitted_toYuleAvg	0.2758	CopheneticL2Metric_toYuleAvg	0.1725
NodalSplitted_toUnifAvg	0.2248	CopheneticL2Metric_toUnifAvg	0.1478

57.9%

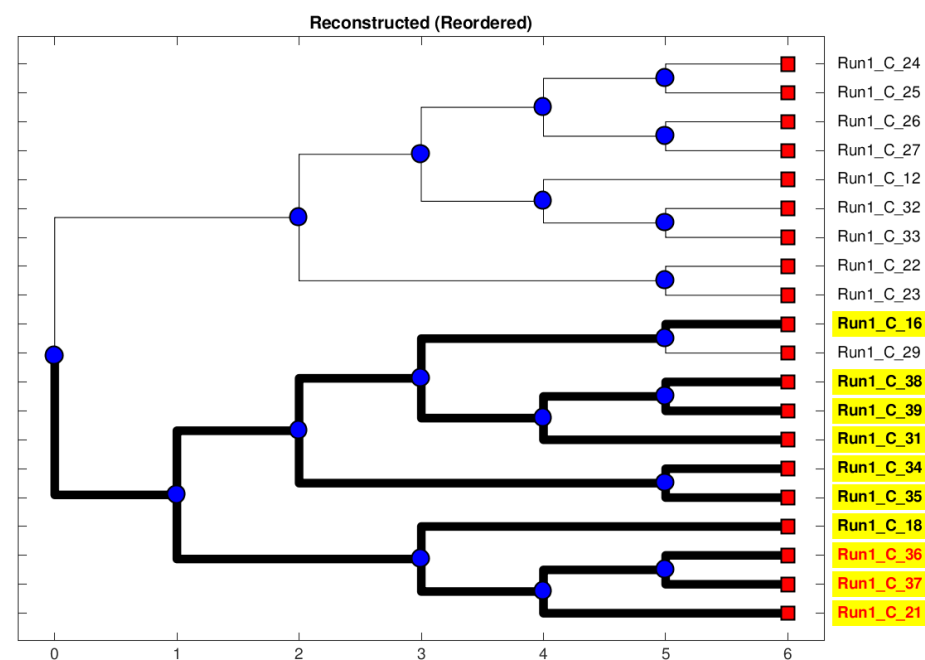
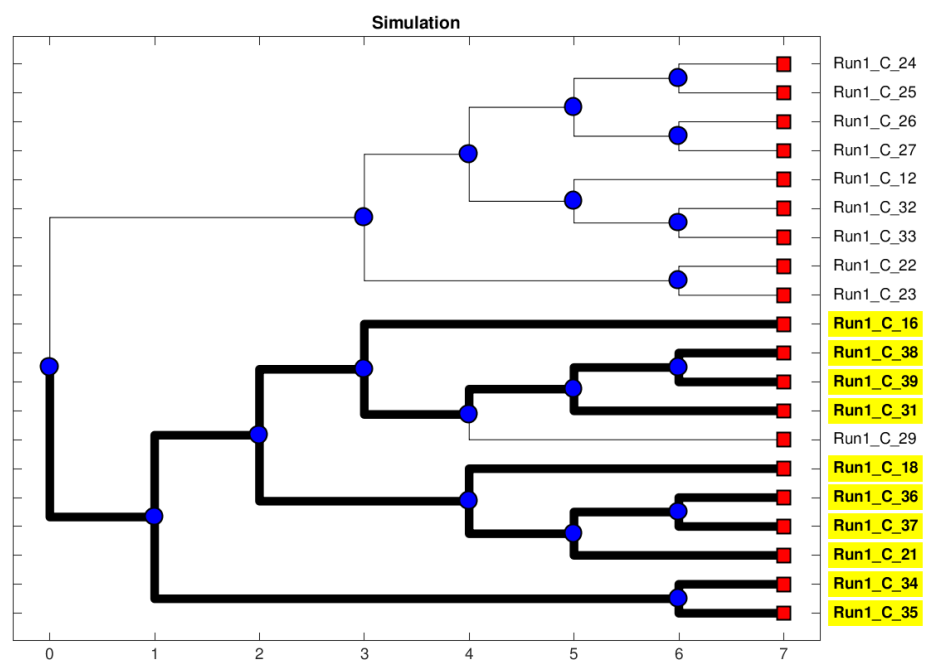
20 leaves (config-17.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	19

Mutation Table

excluded



RefTree_taxa	20.0	Triples	44.0
Tree_taxa	20.0	Triples_toYuleAvg	0.0576
Common_taxa	20.0	Triples_toUnifAvg	0.0579
MatchingCluster	12.0	MatchingPair	12.0
MatchingCluster_toYuleAvg	0.1409	MatchingPair_toYuleAvg	0.0892
MatchingCluster_toUnifAvg	0.1234	MatchingPair_toUnifAvg	0.0912
R-F_Cluster	2.5	MAST	4.0
R-F_Cluster_toYuleAvg	0.1408	MAST_toYuleAvg	0.2998
R-F_Cluster_toUnifAvg	0.1401	MAST_toUnifAvg	0.2973
NodalSplitted	15.5563	CopheneticL2Metric	7.9373
NodalSplitted_toYuleAvg	0.2673	CopheneticL2Metric_toYuleAvg	0.1787
NodalSplitted_toUnifAvg	0.2165	CopheneticL2Metric_toUnifAvg	0.1461

50.0%

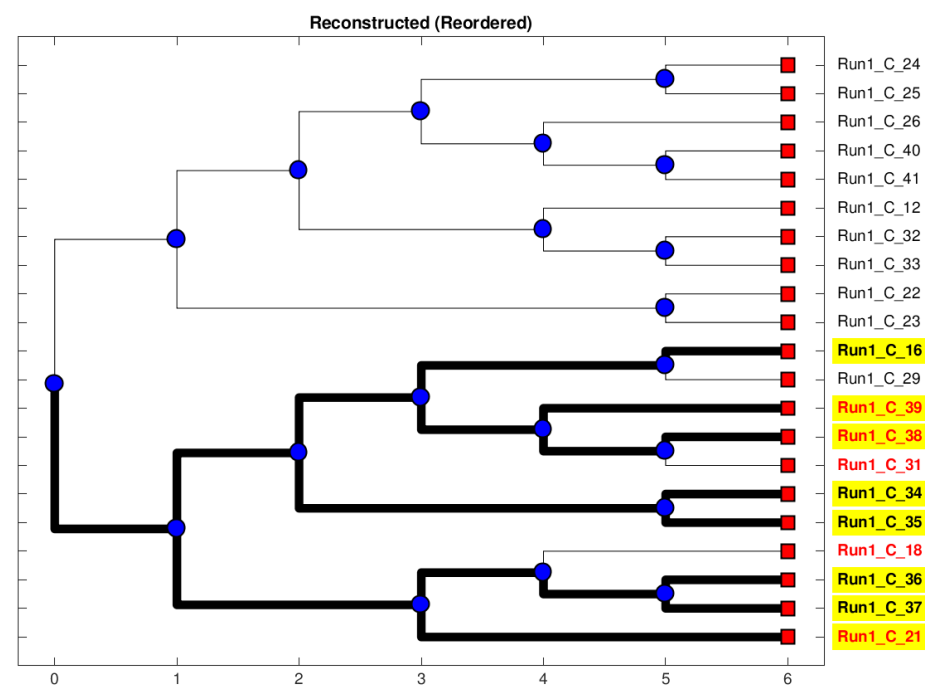
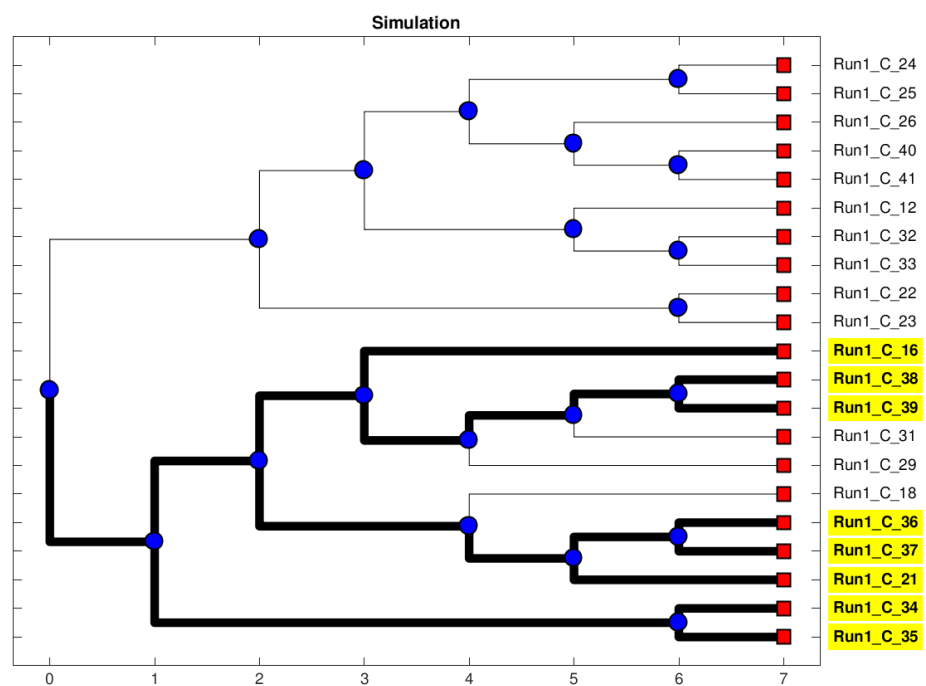
21 leaves (config-18.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	20

Mutation Table

excluded



RefTree_taxa	21.0	Triples	46.0
Tree_taxa	21.0	Triples_toYuleAvg	0.0518
Common_taxa	21.0	Triples_toUnifAvg	0.0519
MatchingCluster	15.0	MatchingPair	14.0
MatchingCluster_toYuleAvg	0.1638	MatchingPair_toYuleAvg	0.0937
MatchingCluster_toUnifAvg	0.1418	MatchingPair_toUnifAvg	0.0956
R-F_Cluster	3.0	MAST	5.0
R-F_Cluster_toYuleAvg	0.1598	MAST_toYuleAvg	0.3527
R-F_Cluster_toUnifAvg	0.1592	MAST_toUnifAvg	0.3502
NodalSplitted	19.8997	CopheneticL2Metric	9.0
NodalSplitted_toYuleAvg	0.3232	CopheneticL2Metric_toYuleAvg	0.1891
NodalSplitted_toUnifAvg	0.2557	CopheneticL2Metric_toUnifAvg	0.1558

61.9%

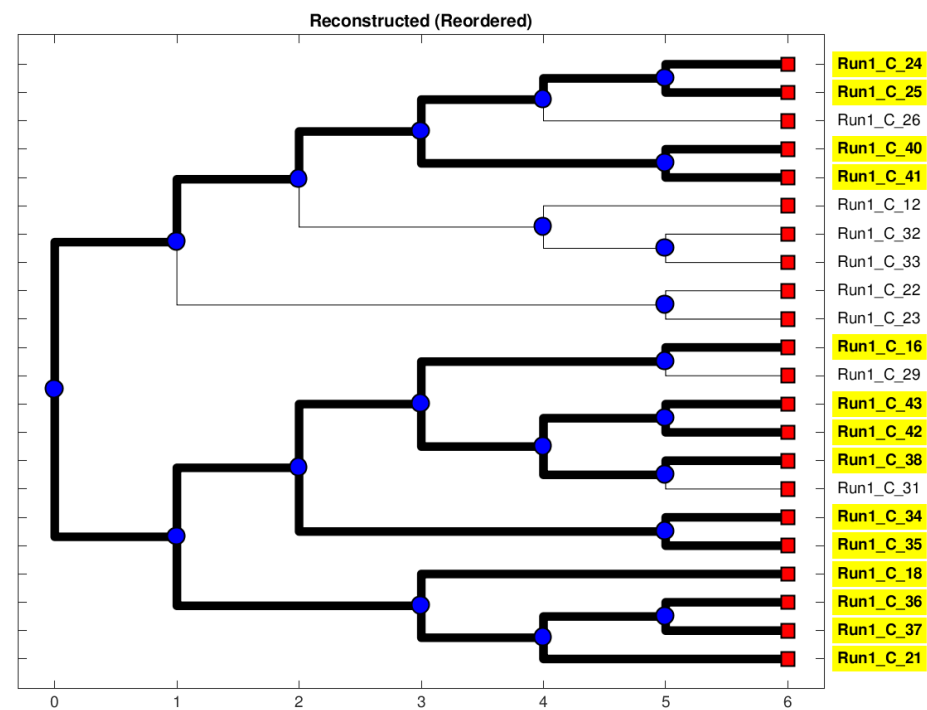
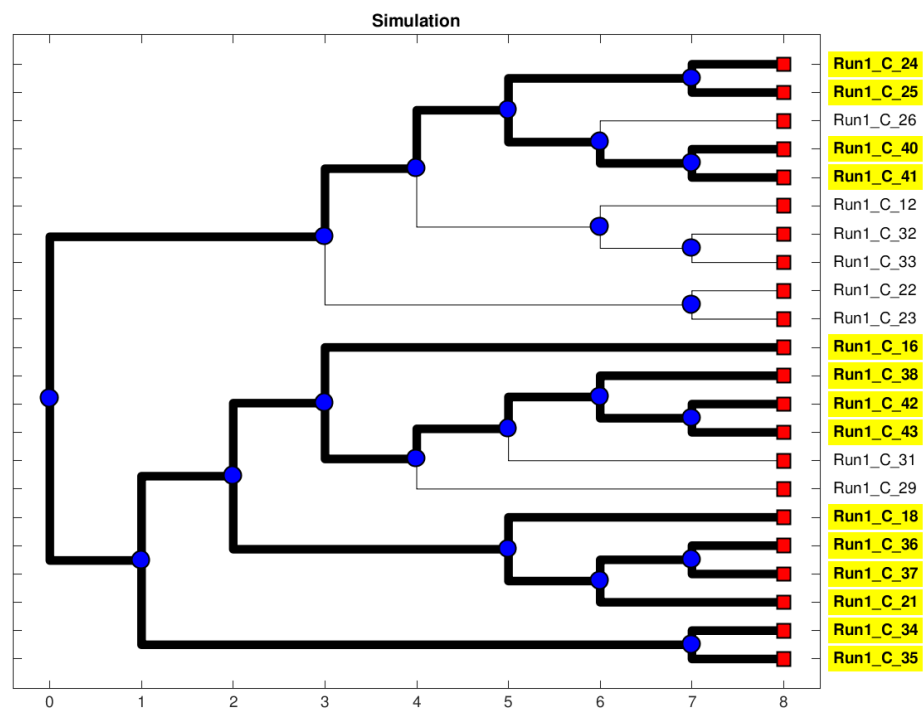
22 leaves (config-19.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	21

Mutation Table

excluded



RefTree_taxa	22.0	Triples	58.0
Tree_taxa	22.0	Triples_toYuleAvg	0.0565
Common_taxa	22.0	Triples_toUnifAvg	0.0564
MatchingCluster	18.0	MatchingPair	18.0
MatchingCluster_toYuleAvg	0.1821	MatchingPair_toYuleAvg	0.1093
MatchingCluster_toUnifAvg	0.1554	MatchingPair_toUnifAvg	0.1112
R-F_Cluster	4.0	MAST	5.0
R-F_Cluster_toYuleAvg	0.2023	MAST_toYuleAvg	0.3334
R-F_Cluster_toUnifAvg	0.2014	MAST_toUnifAvg	0.331
NodalSplitted	19.0788	CopheneticL2Metric	9.3808
NodalSplitted_toYuleAvg	0.2864	CopheneticL2Metric_toYuleAvg	0.1846
NodalSplitted_toUnifAvg	0.2242	CopheneticL2Metric_toUnifAvg	0.1495

36.4%

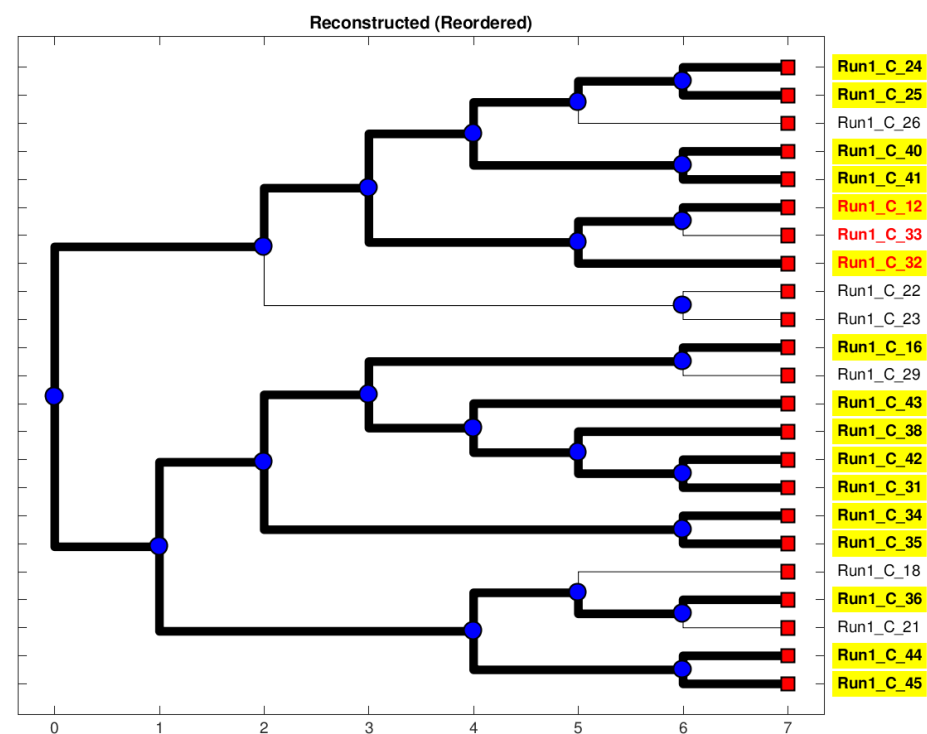
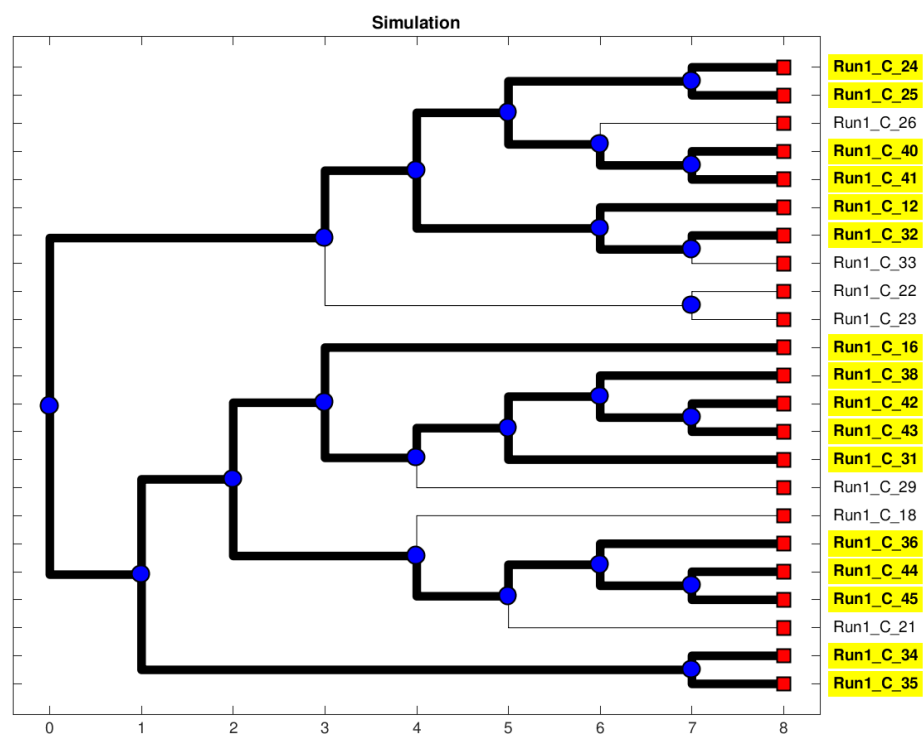
23 leaves (config-20.json)

Parameters

Mutation:	True
Allelic Dropouts:	False
Noises:	False
Early Stop Population:	22

Mutation Table

excluded



RefTree_taxa	23.0	Triples	79.0
Tree_taxa	23.0	Triples_toYuleAvg	0.0668
Common_taxa	23.0	Triples_toUnifAvg	0.0671
MatchingCluster	28.0	MatchingPair	26.0
MatchingCluster_toYuleAvg	0.2641	MatchingPair_toYuleAvg	0.1424
MatchingCluster_toUnifAvg	0.2259	MatchingPair_toUnifAvg	0.1455
R-F_Cluster	7.5	MAST	9.0
R-F_Cluster_toYuleAvg	0.361	MAST_toYuleAvg	0.5673
R-F_Cluster_toUnifAvg	0.3603	MAST_toUnifAvg	0.562
NodalSplitted	27.7128	CopheneticL2Metric	12.1655
NodalSplitted_toYuleAvg	0.3928	CopheneticL2Metric_toYuleAvg	0.2246
NodalSplitted_toUnifAvg	0.3091	CopheneticL2Metric_toUnifAvg	0.1802

30.4%

