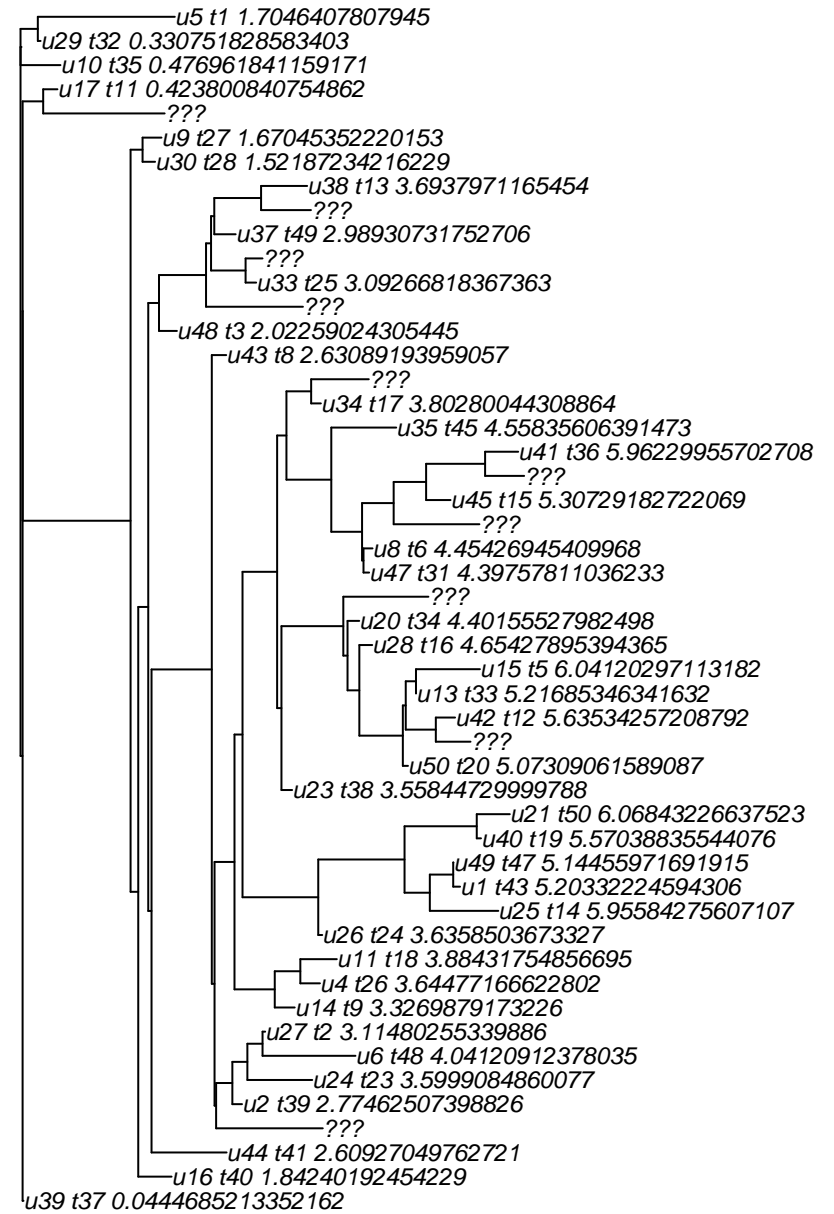
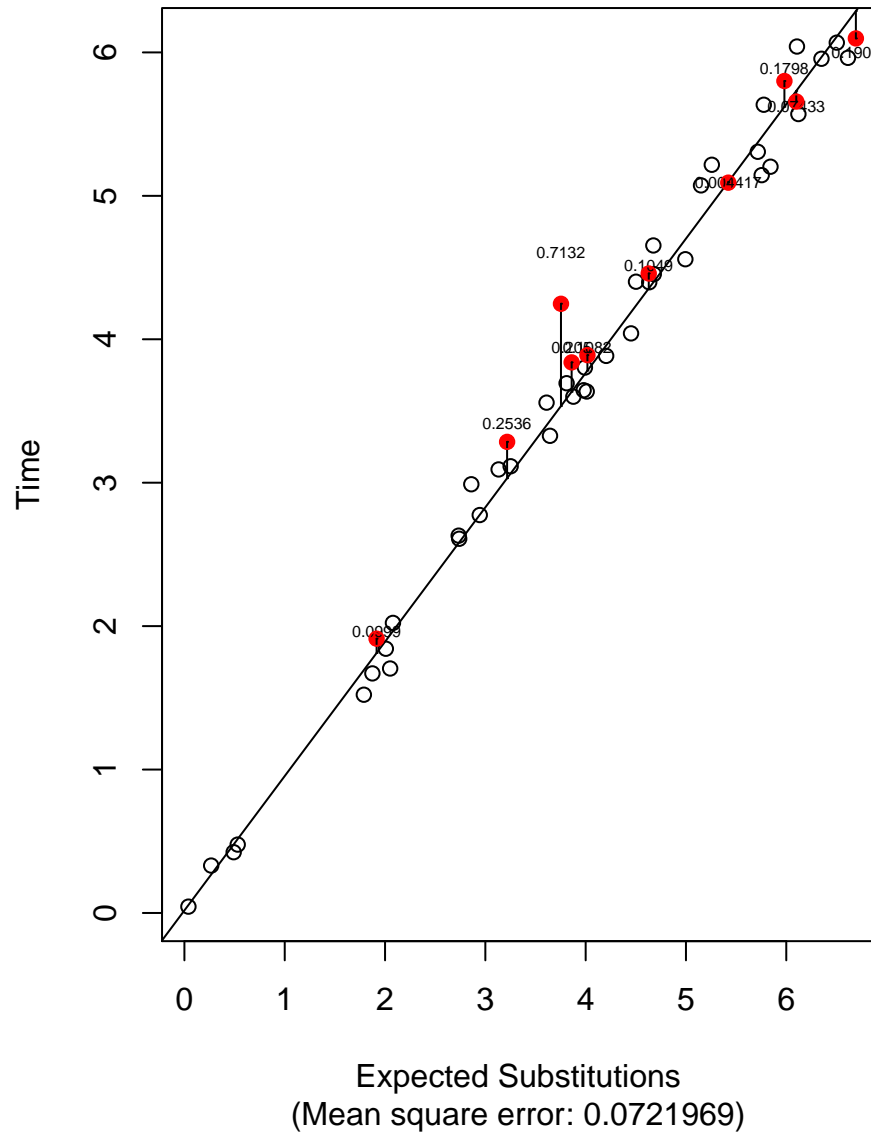


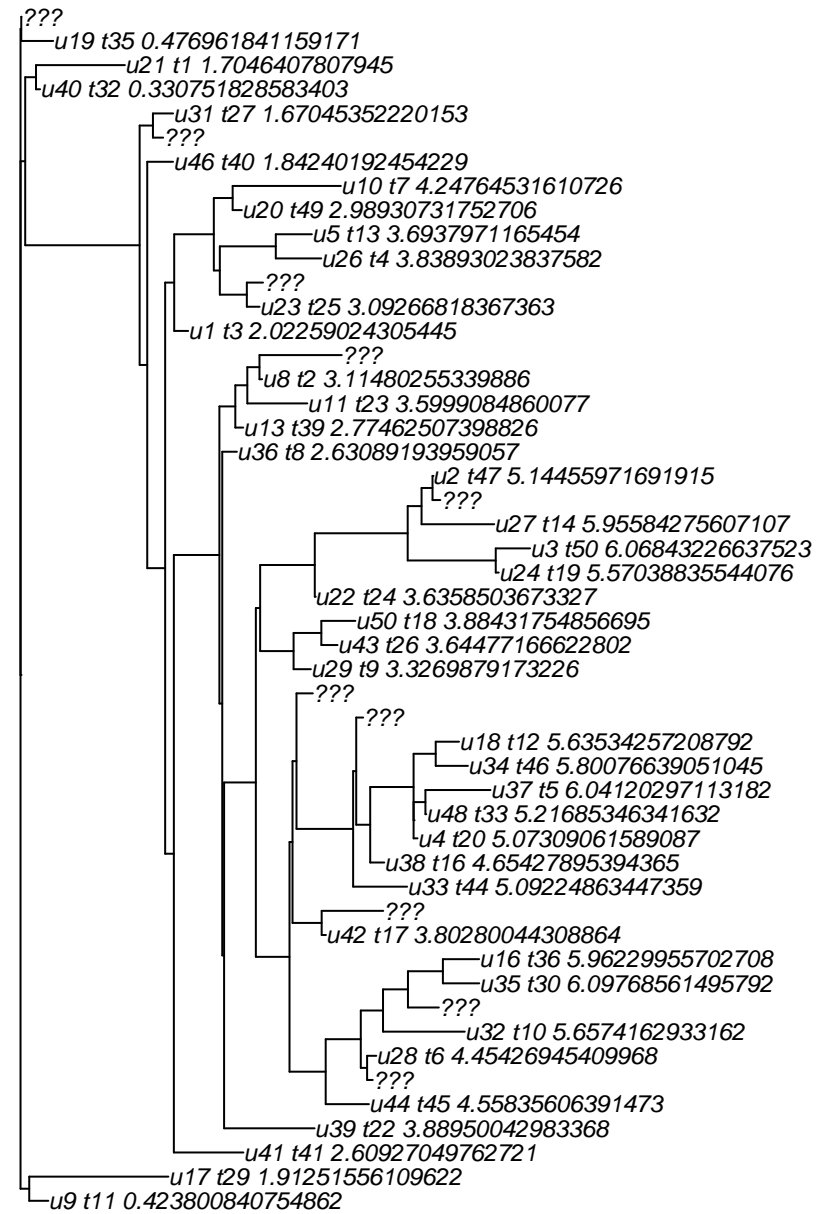
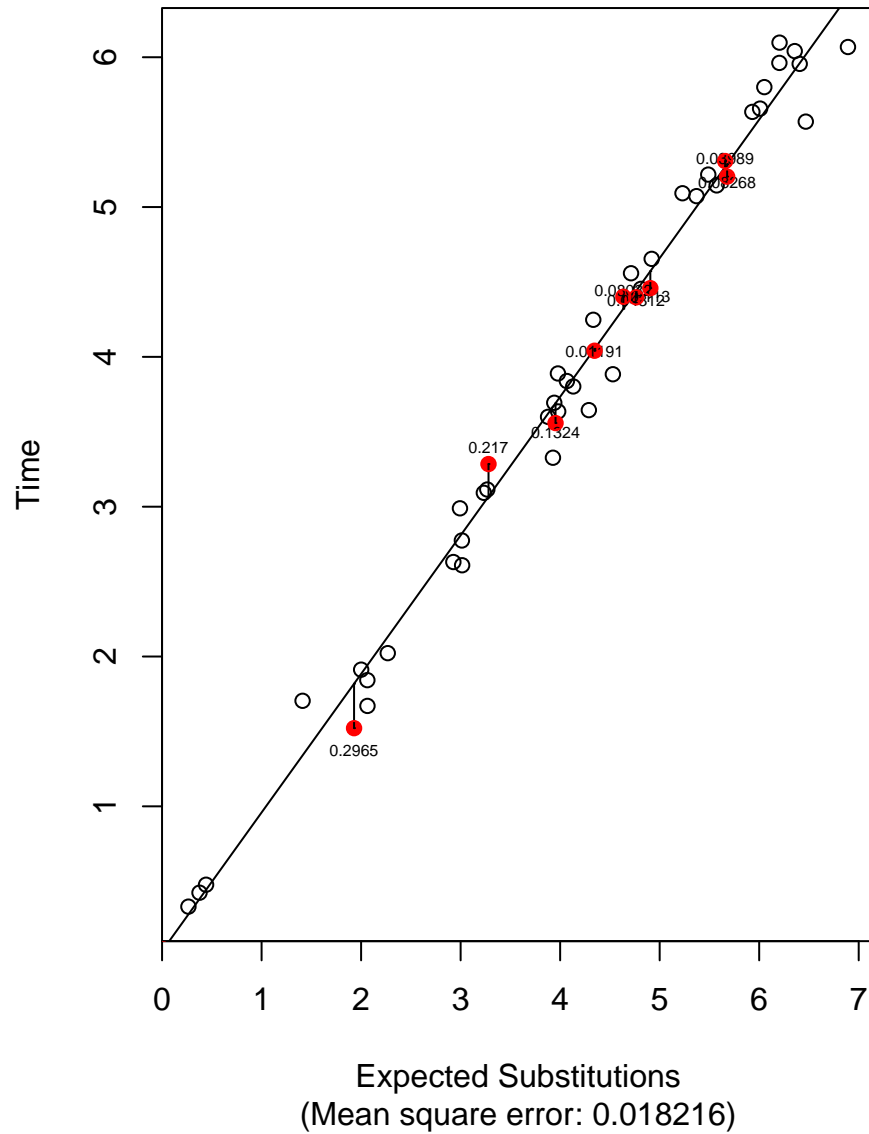
Coalescent: Simulated-no.1 (Remove 10)

Time vs Distance



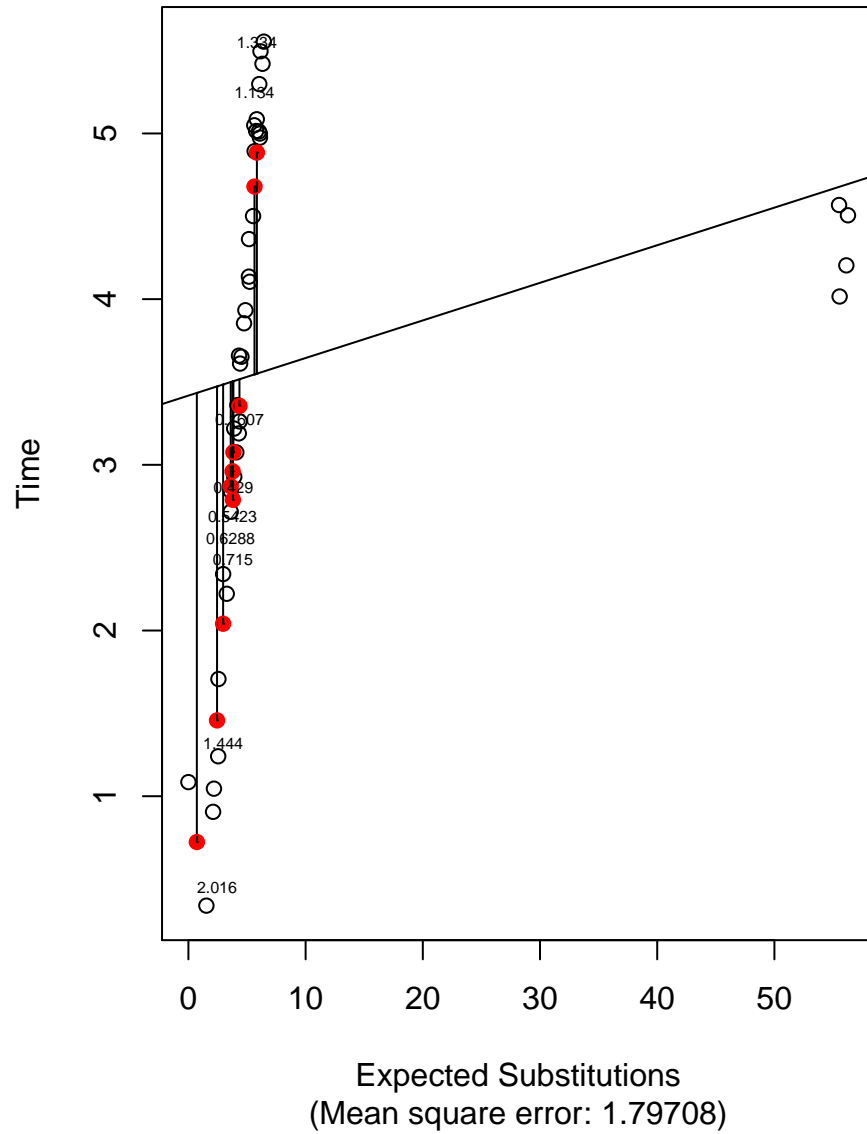
Coalescent: Simulated-no.2 (Remove 10)

Time vs Distance



Coalescent: Simulated-no.3 (Remove 10)

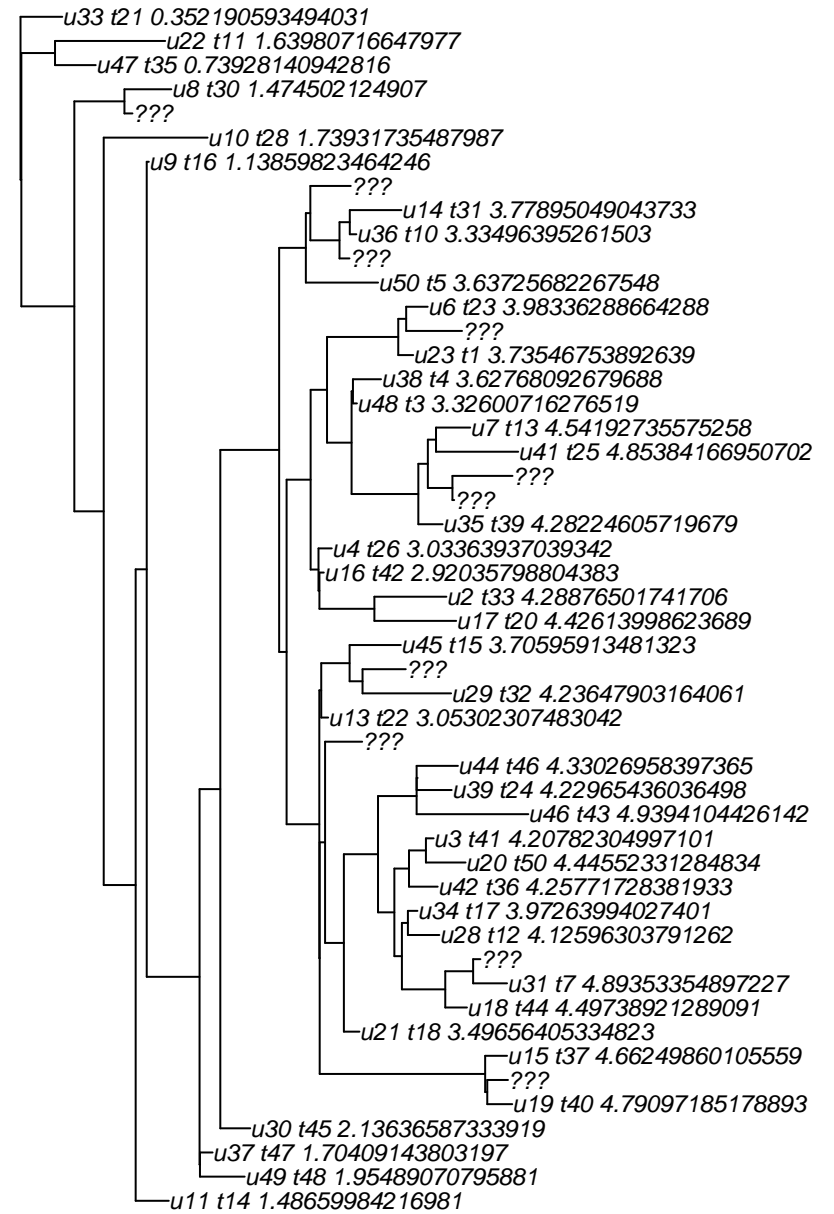
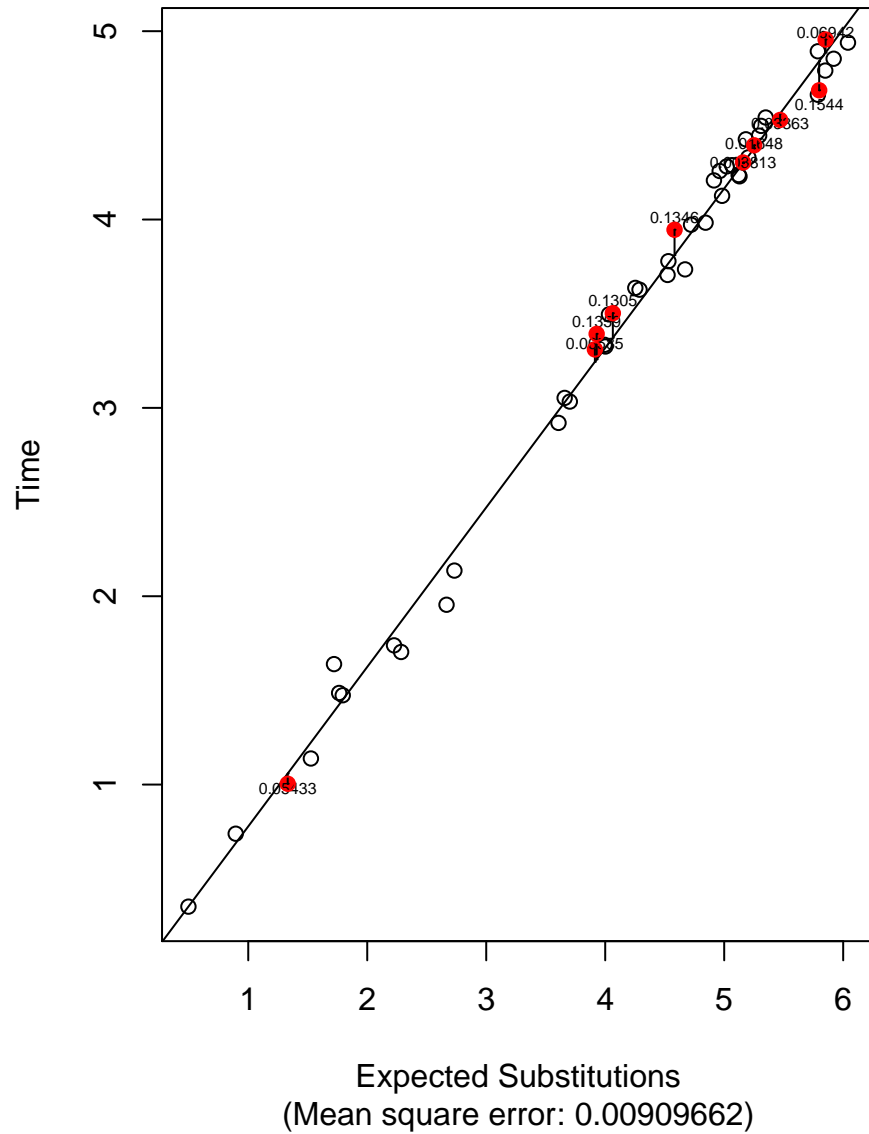
Time vs Distance



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u14 t36 1.0852033083708
???
u49 t26 2.34097069742324
u46 t28 1.04558246623958
u48 t1 0.90591489255101
u10 t21 5.5545085078039
u15 t30 5.01528299001829
u27 t37 5.08597008263068
u45 t17 4.89317367486604
u18 t39 4.13615590124243
???
u6 t8 4.5016544291516
u7 t33 5.01223021939249
u33 t45 4.97509342526189
???
u3 t23 4.10511951963801
u29 t22 2.22194939746573
???
???
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u39 t34 3.85442836819458
u43 t16 5.42071576635052
u24 t2 5.29831631414537
u41 t12 5.49622097922922
u19 t9 5.04969531504399
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u31 t40 4.99962130610321
u28 t7 3.65244117881958
u1 t24 3.07555186401669
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u9 t20 3.18988648364878
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u13 t3 3.21892334410841
u35 t47 3.65924761519539
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u11 t18 4.56843987009799
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u36 t19 4.50633754513033
u5 t14 2.92837335264961
u37 t48 1.70727327223822
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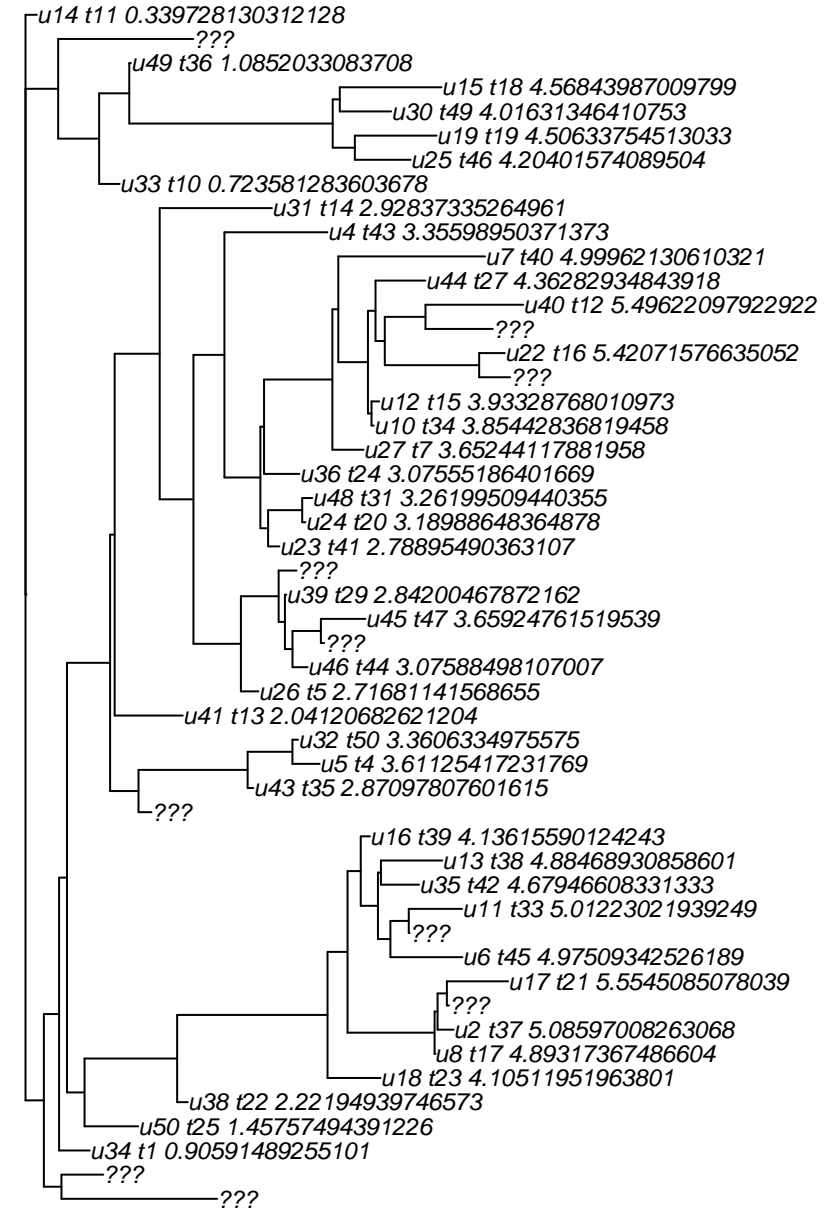
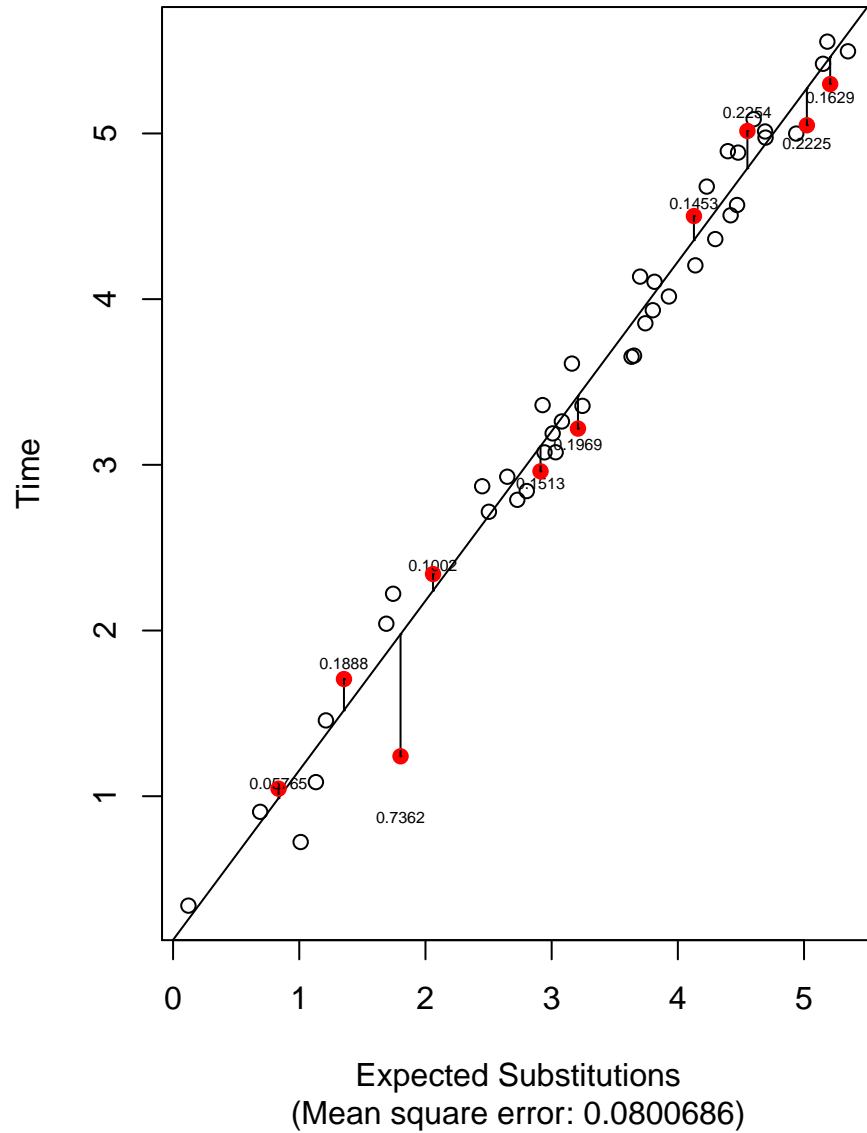
Coalescent: Simulated-no.4 (Remove 10)

Time vs Distance



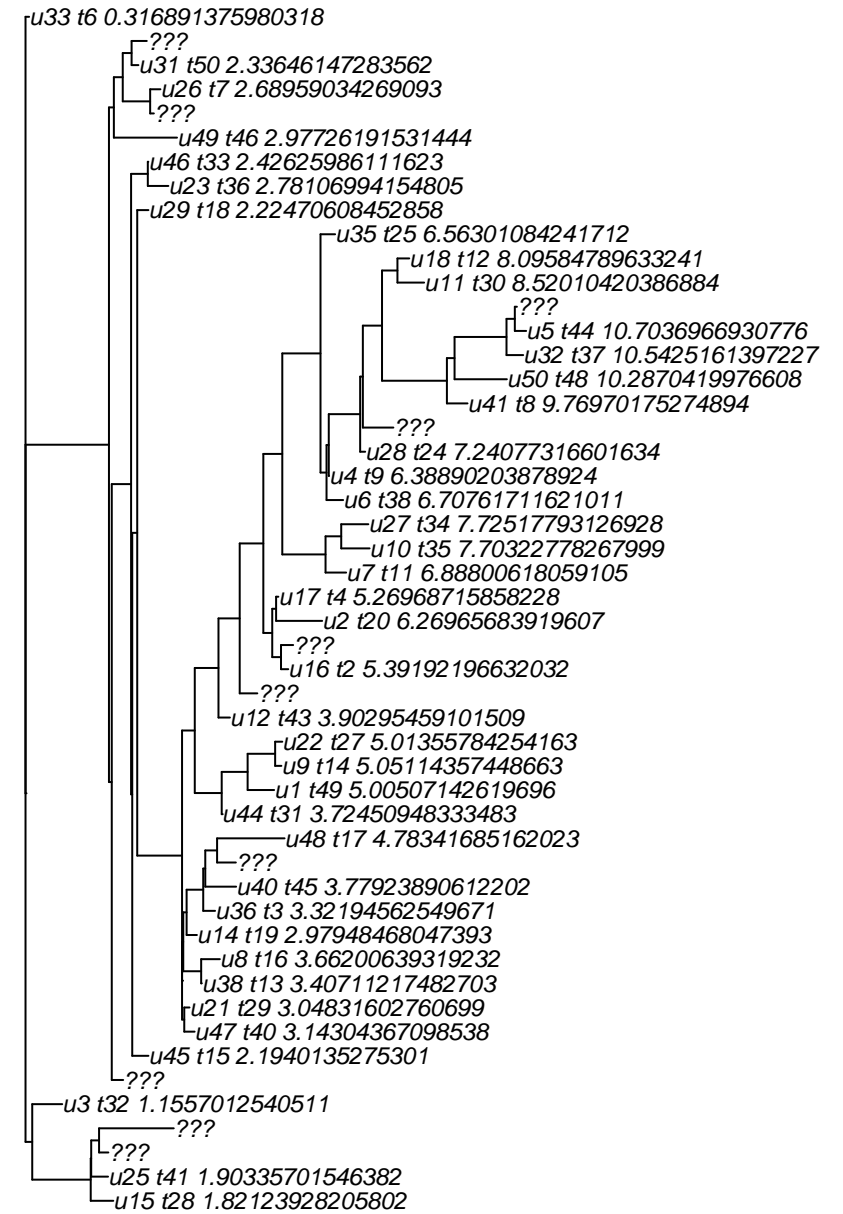
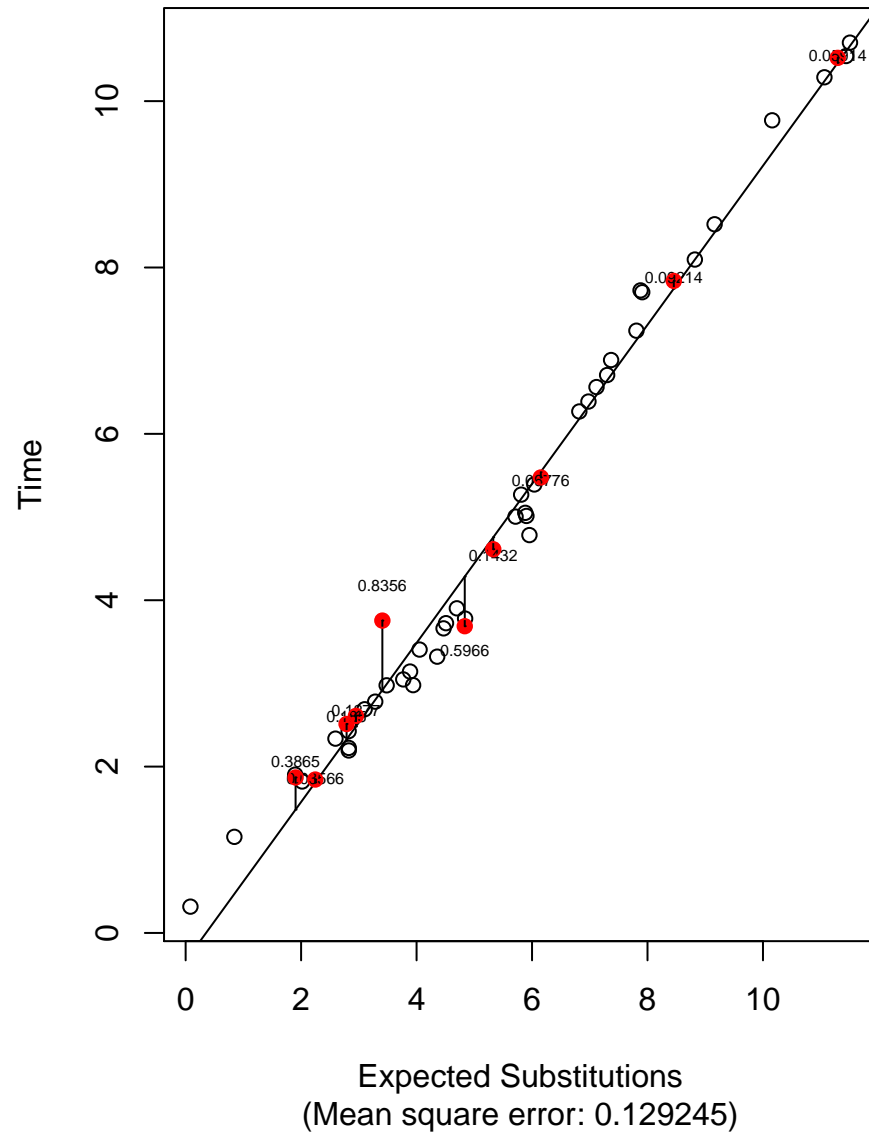
Coalescent: Simulated-no.5 (Remove 10)

Time vs Distance



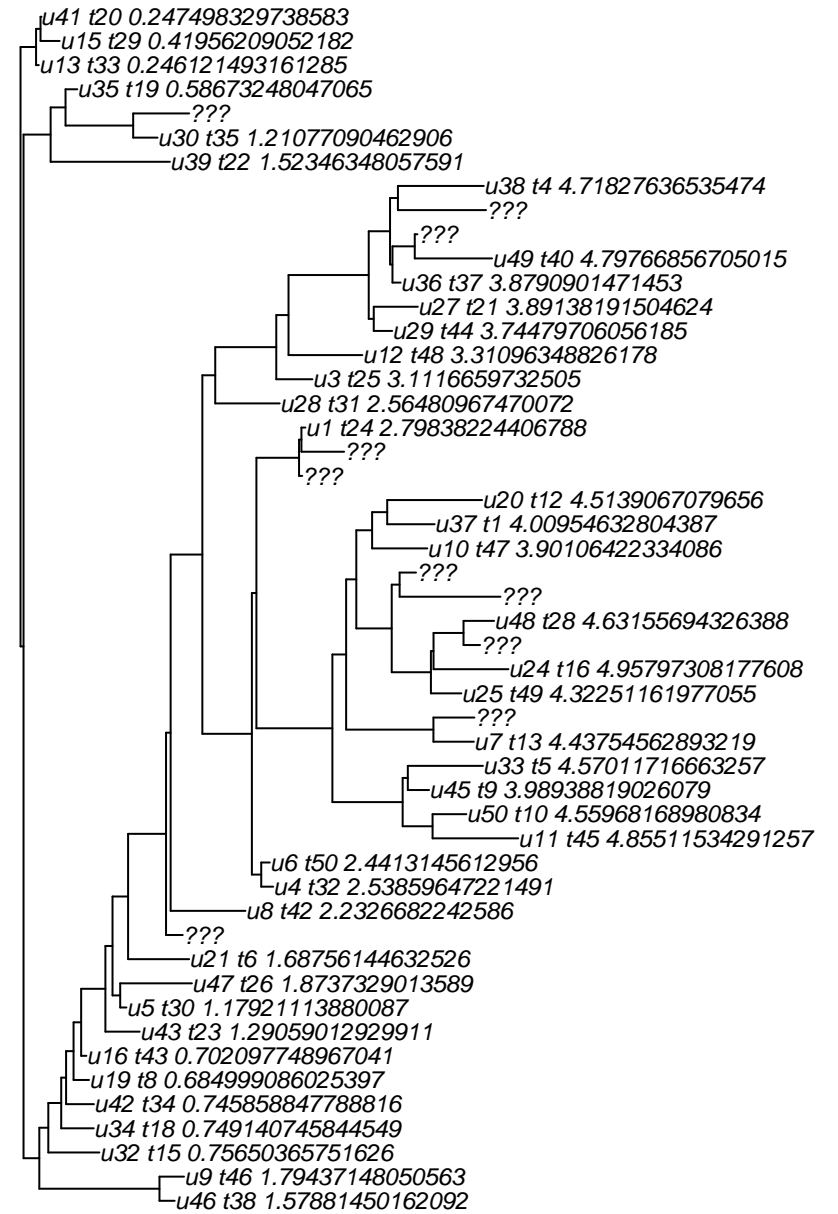
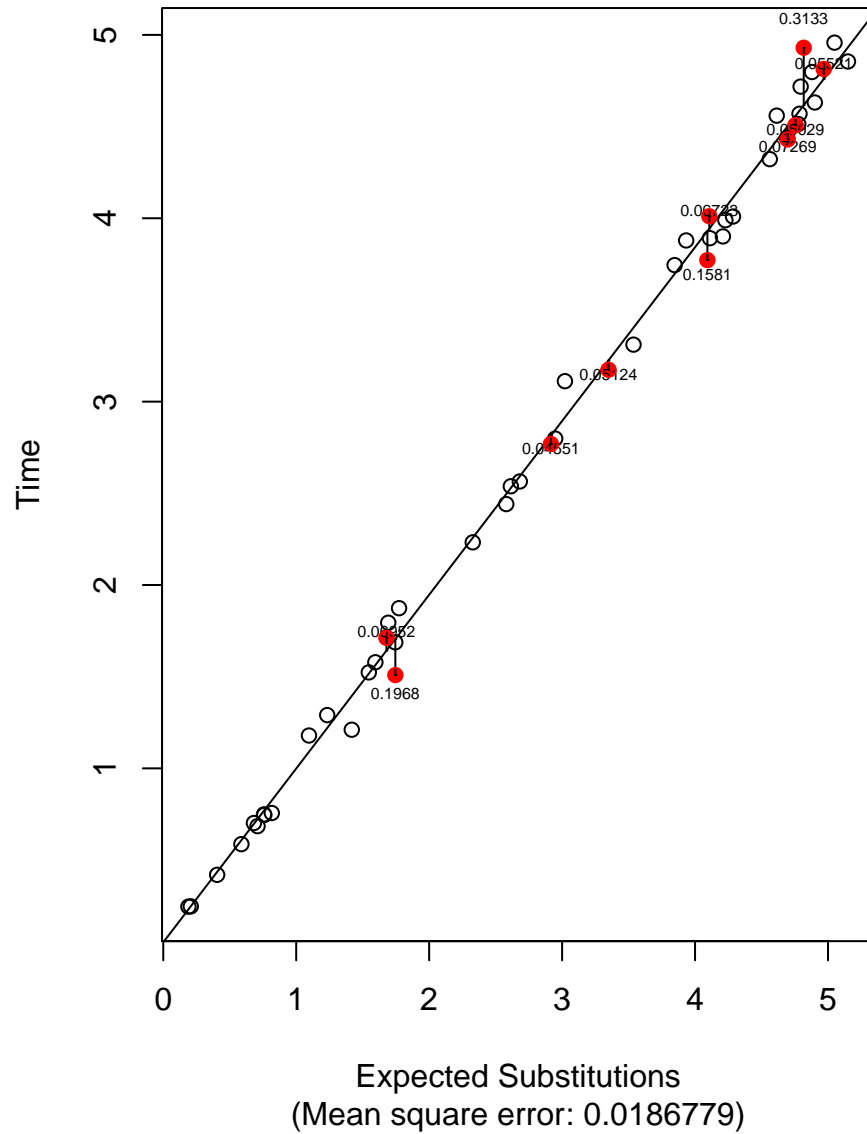
Coalescent: Simulated-no.6 (Remove 10)

Time vs Distance



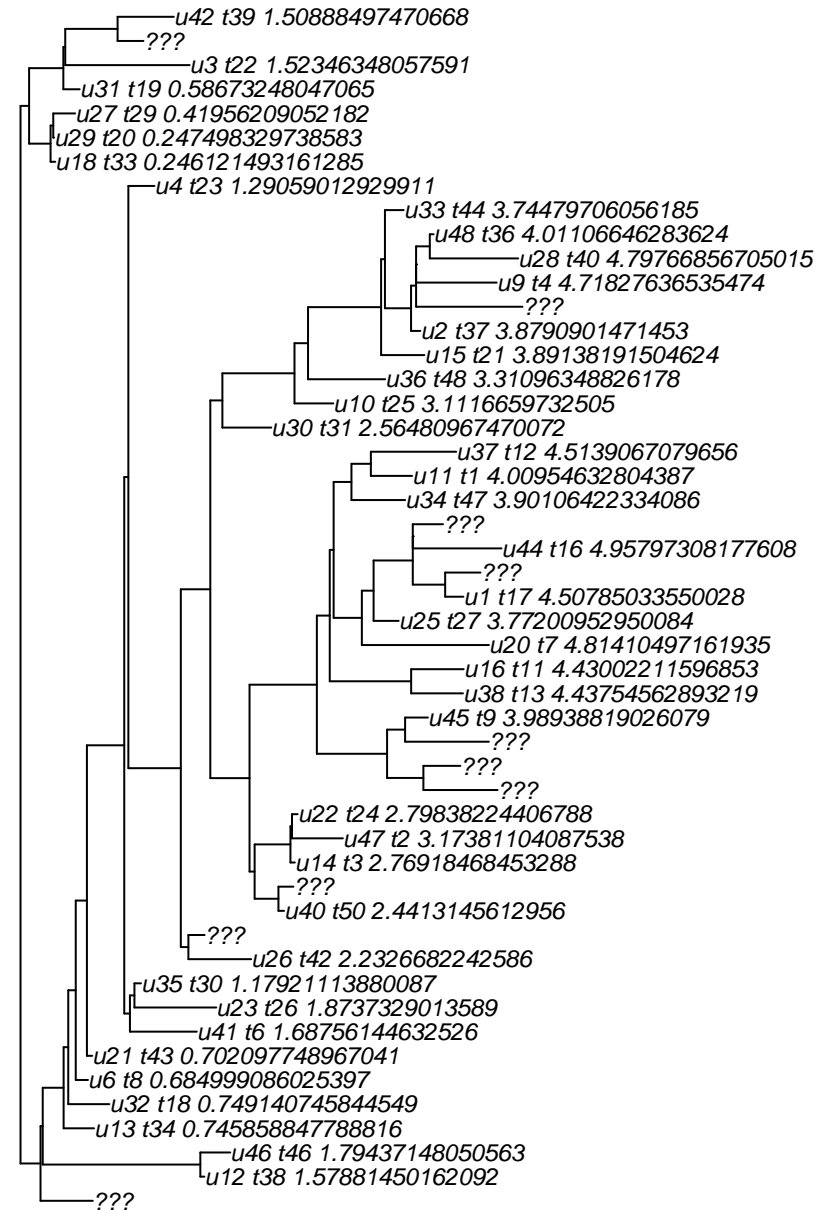
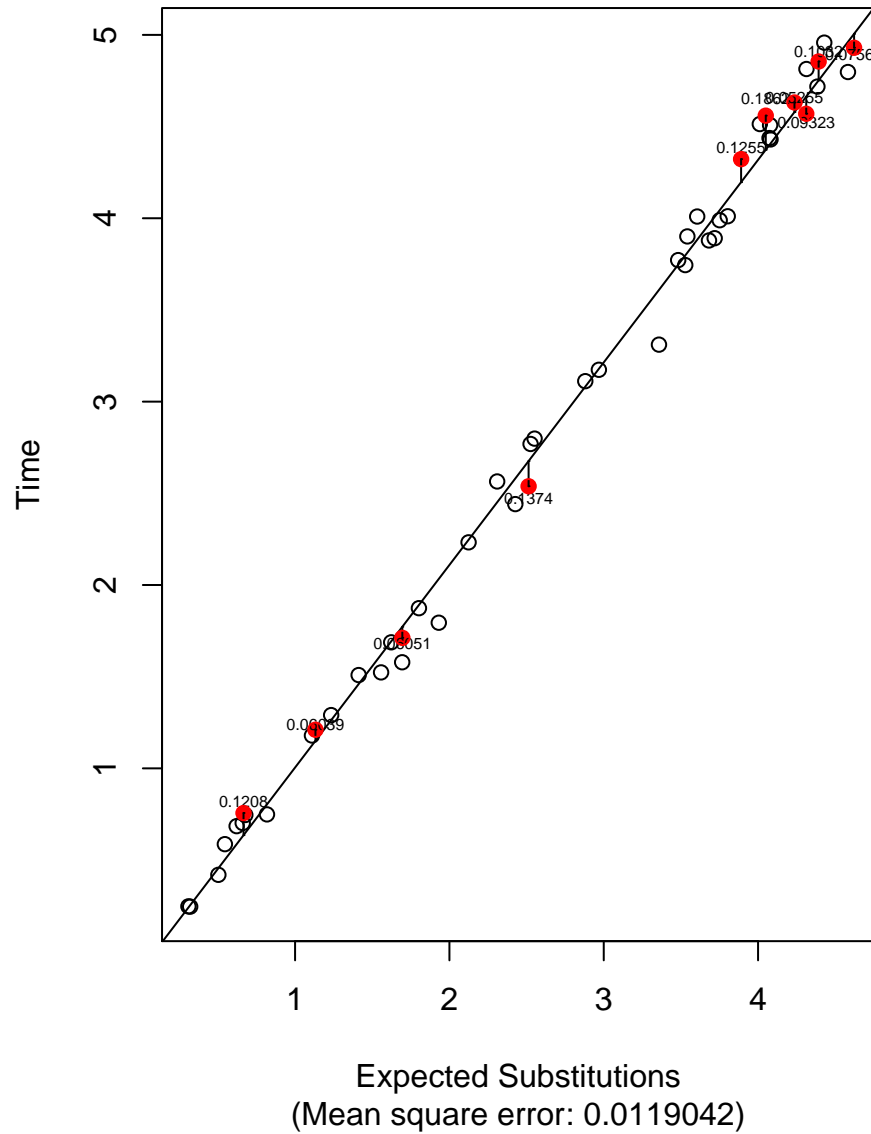
Coalescent: Simulated-no.7 (Remove 10)

Time vs Distance



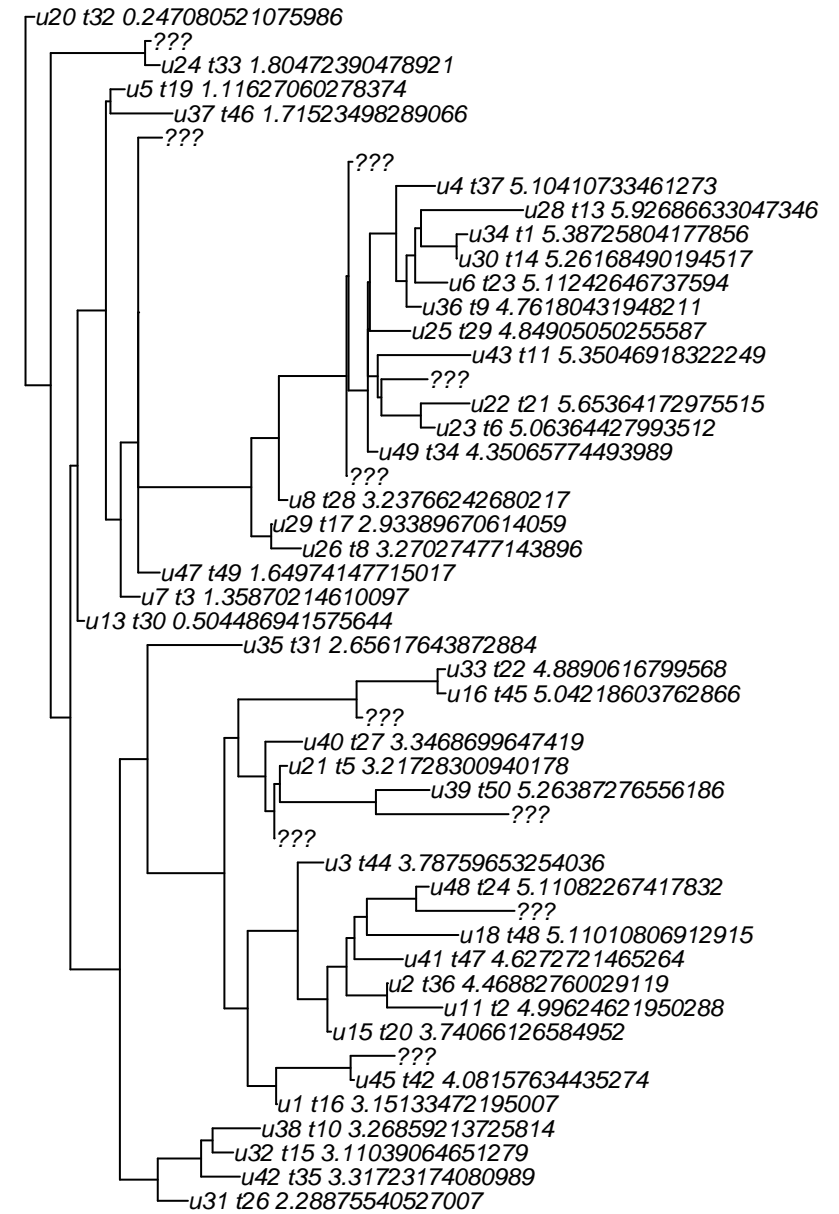
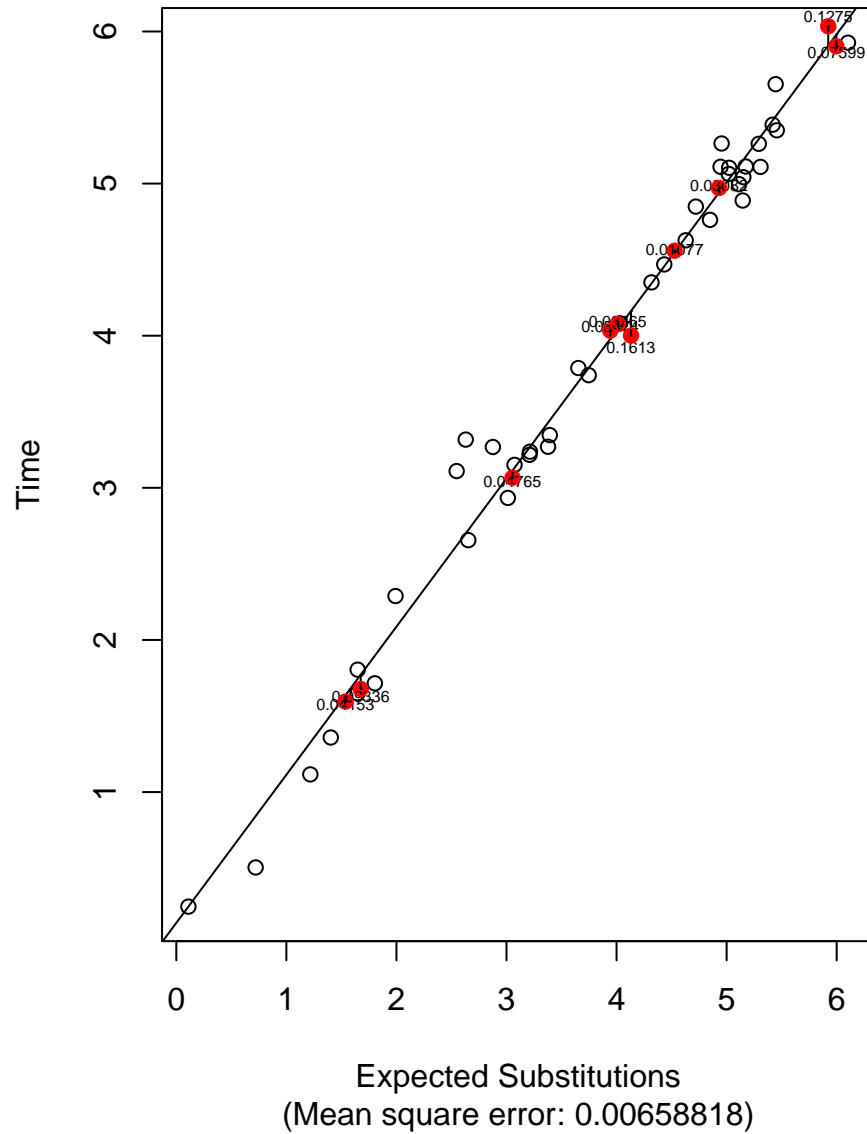
Coalescent: Simulated-no.8 (Remove 10)

Time vs Distance



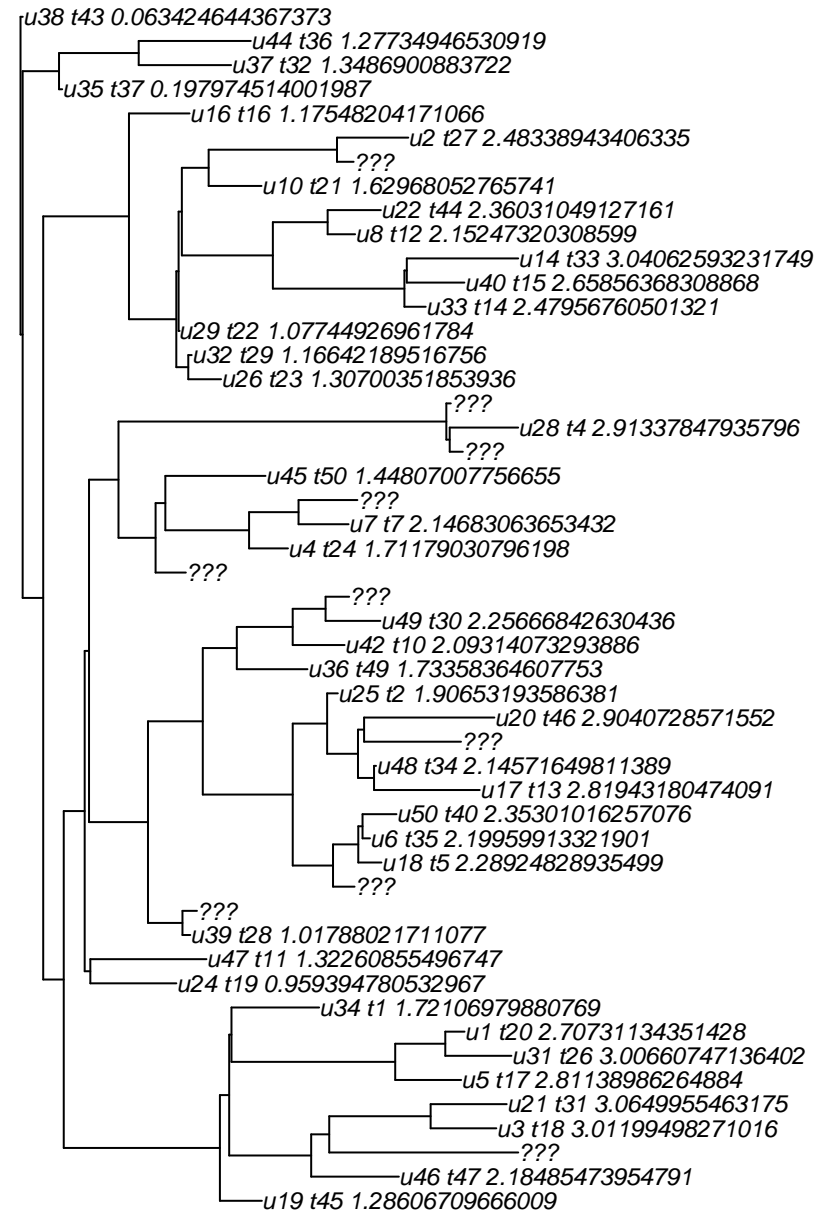
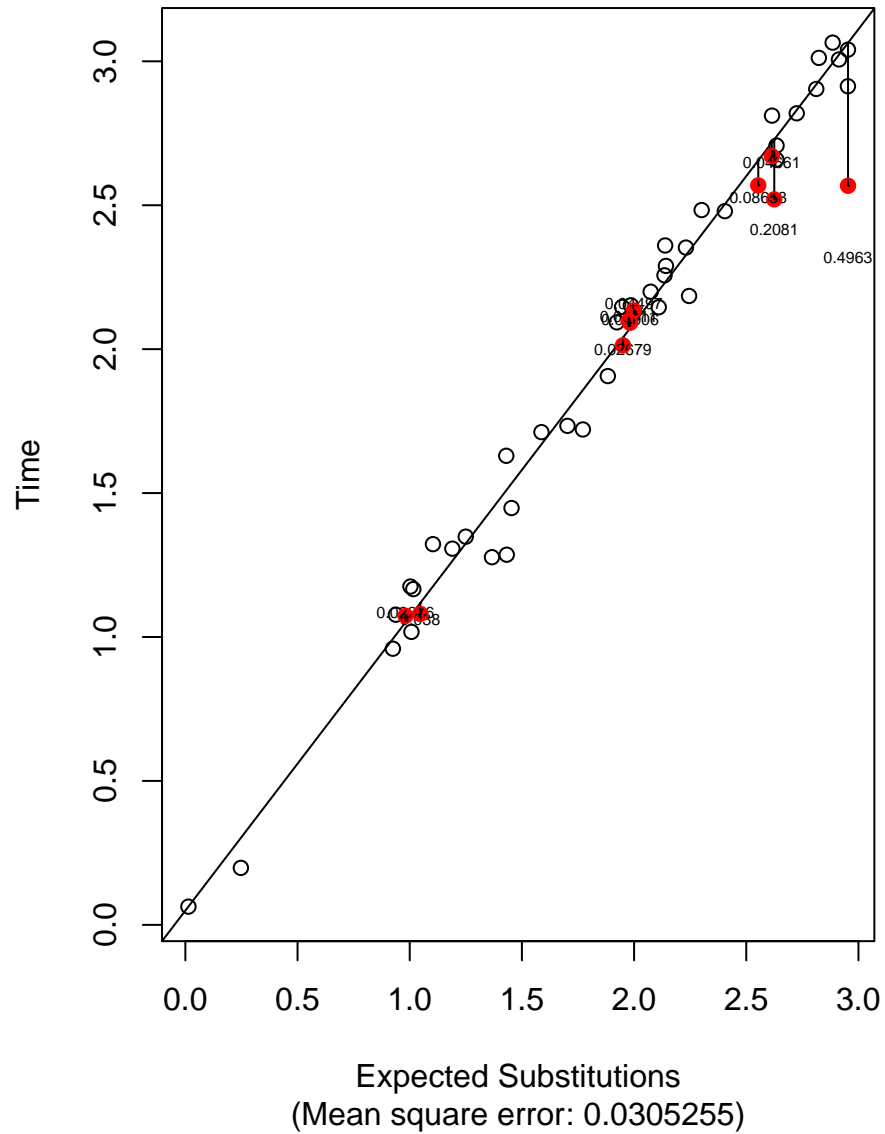
Coalescent: Simulated-no.9 (Remove 10)

Time vs Distance



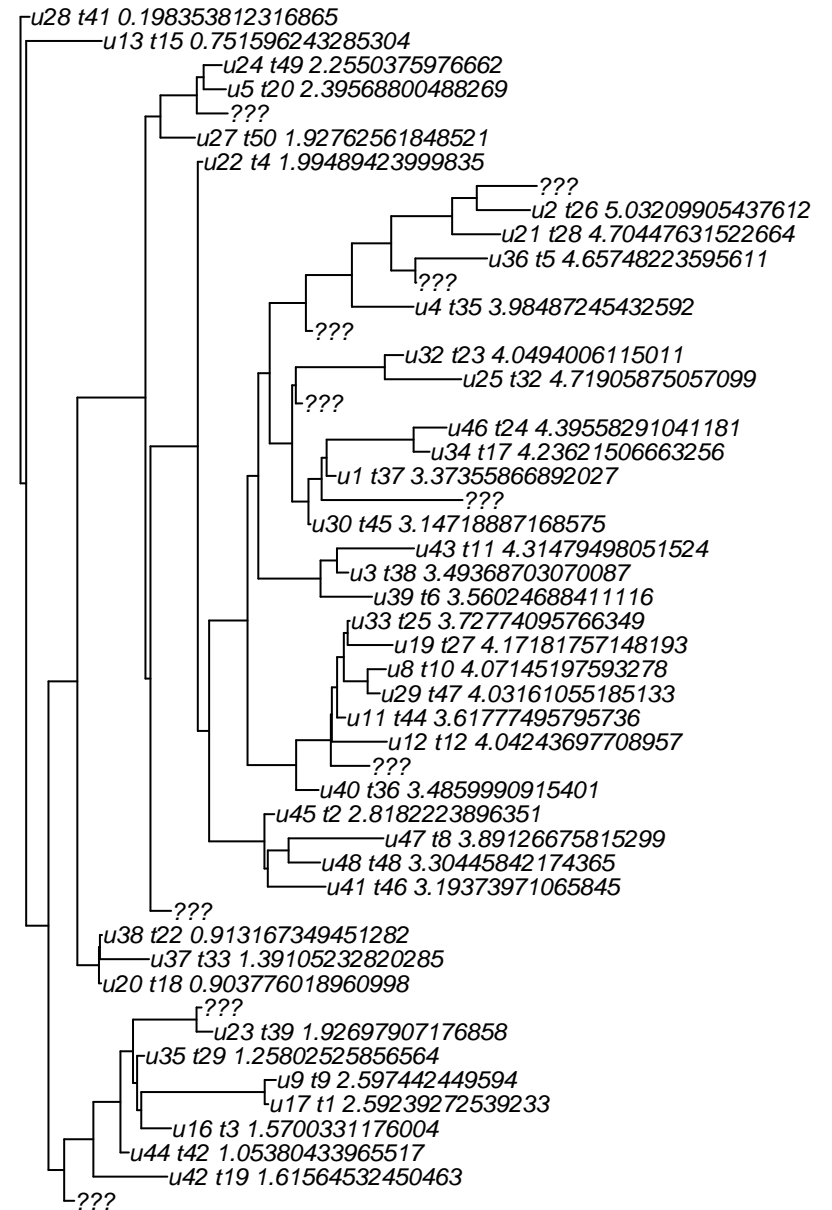
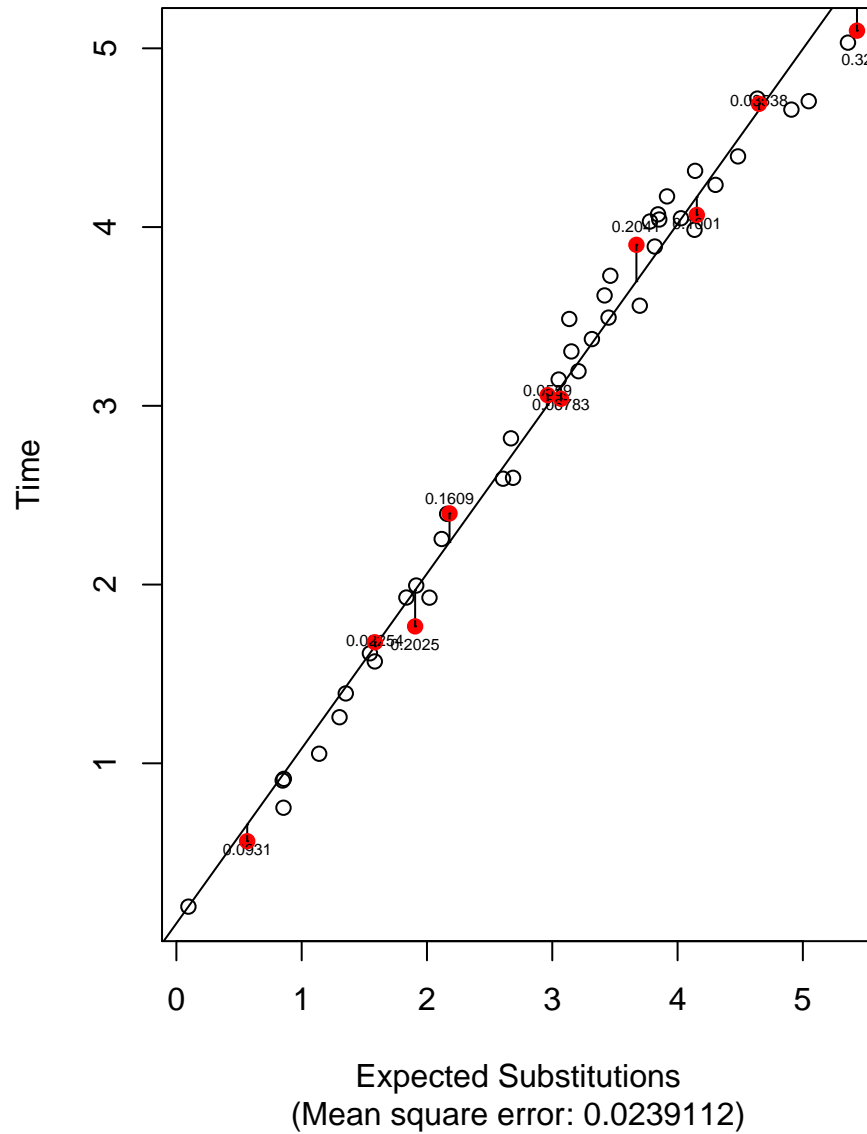
Coalescent: Simulated-no.10 (Remove 10)

Time vs Distance



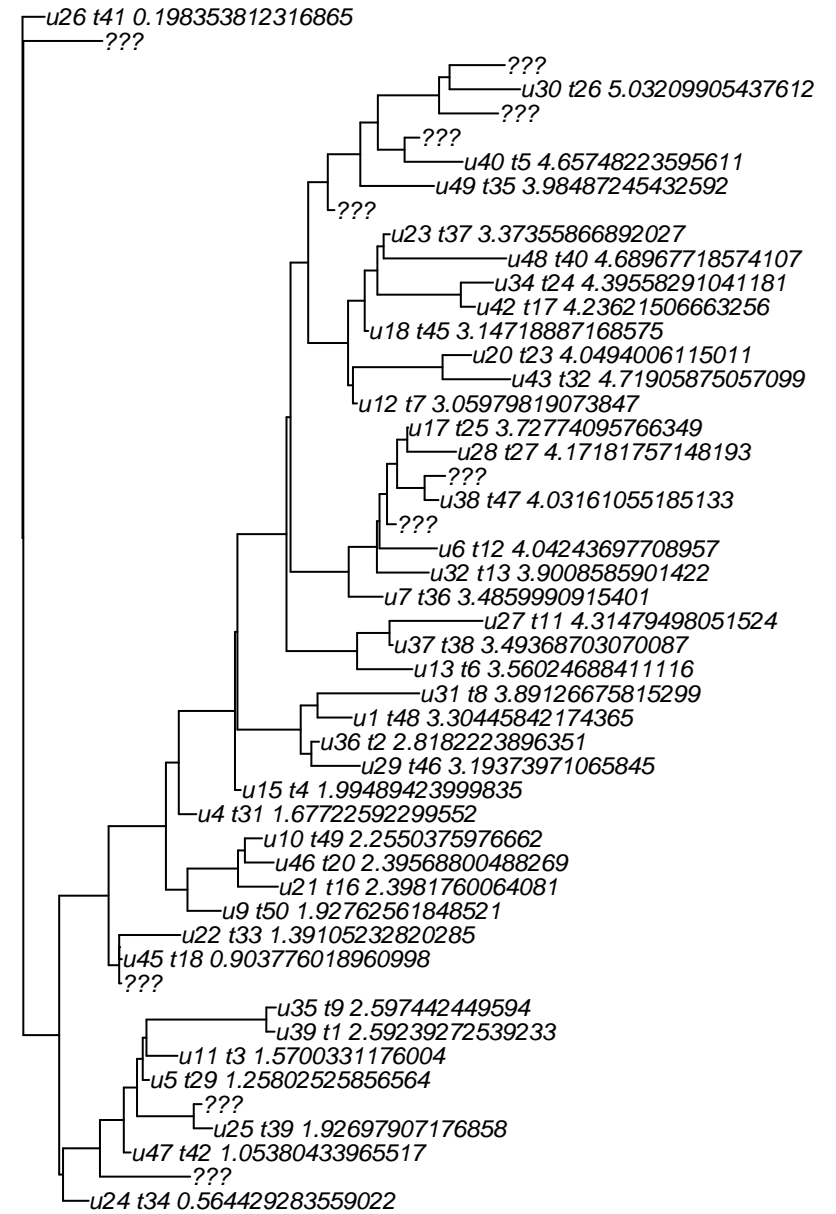
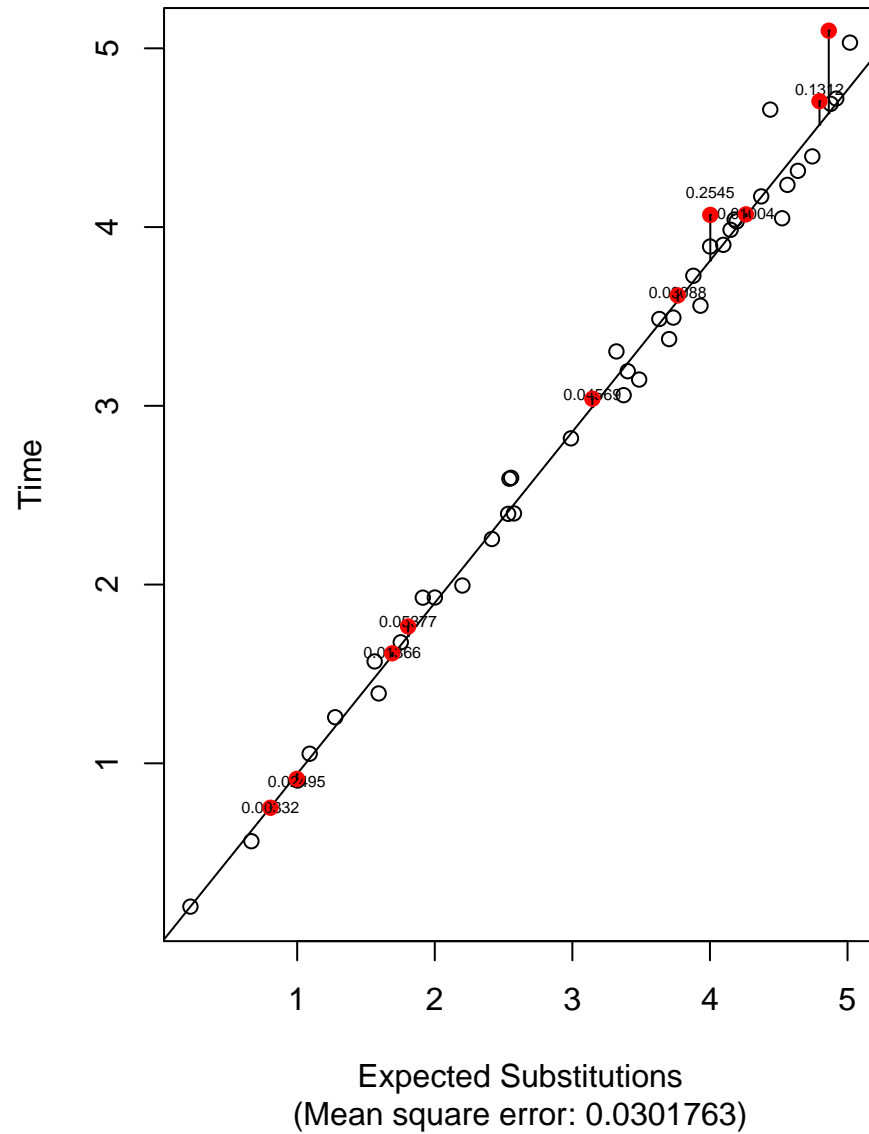
Coalescent: Simulated-no.11 (Remove 10)

Time vs Distance

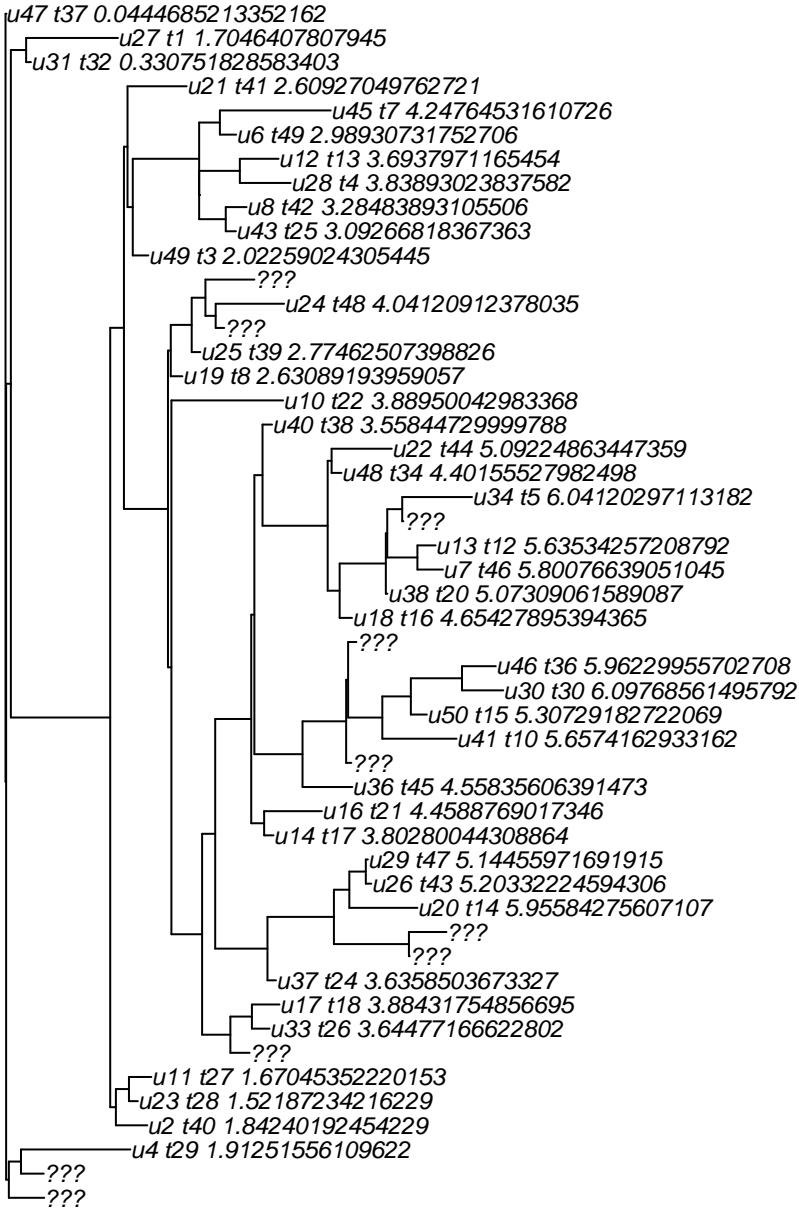
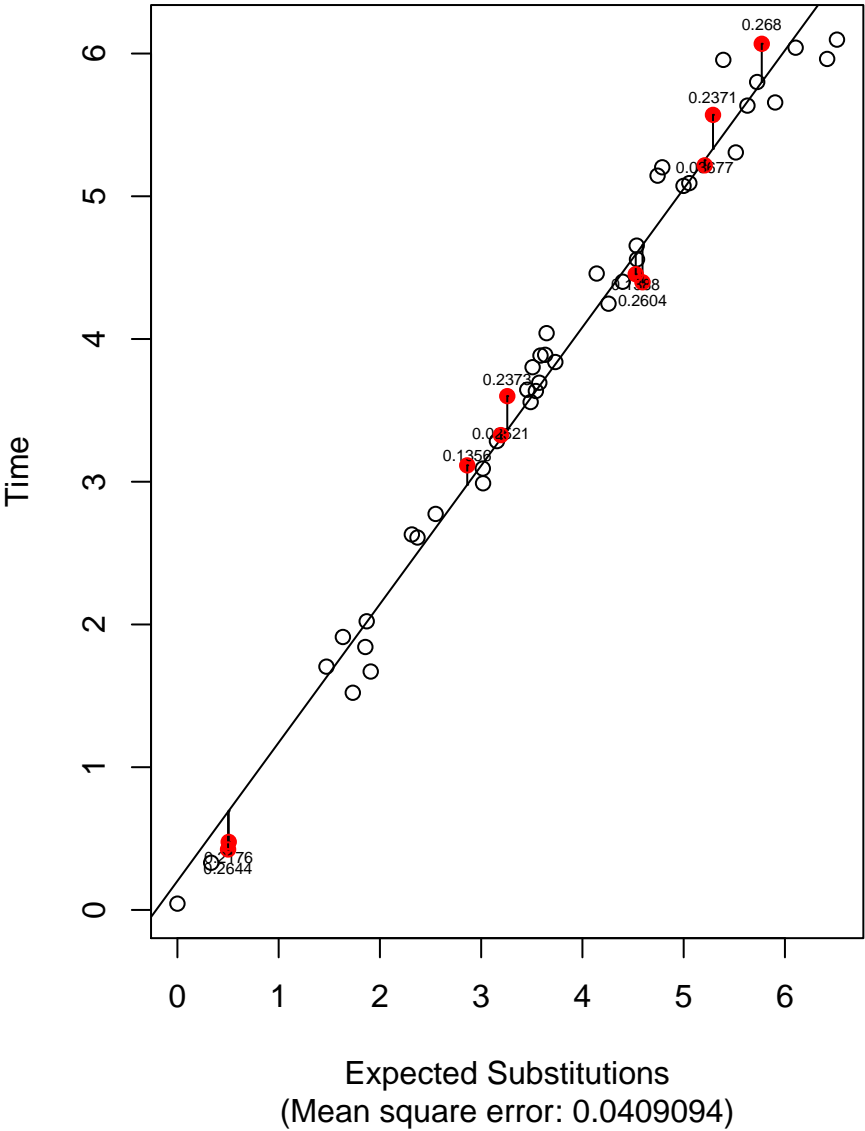


Coalescent: Simulated-no.12 (Remove 10)

Time vs Distance

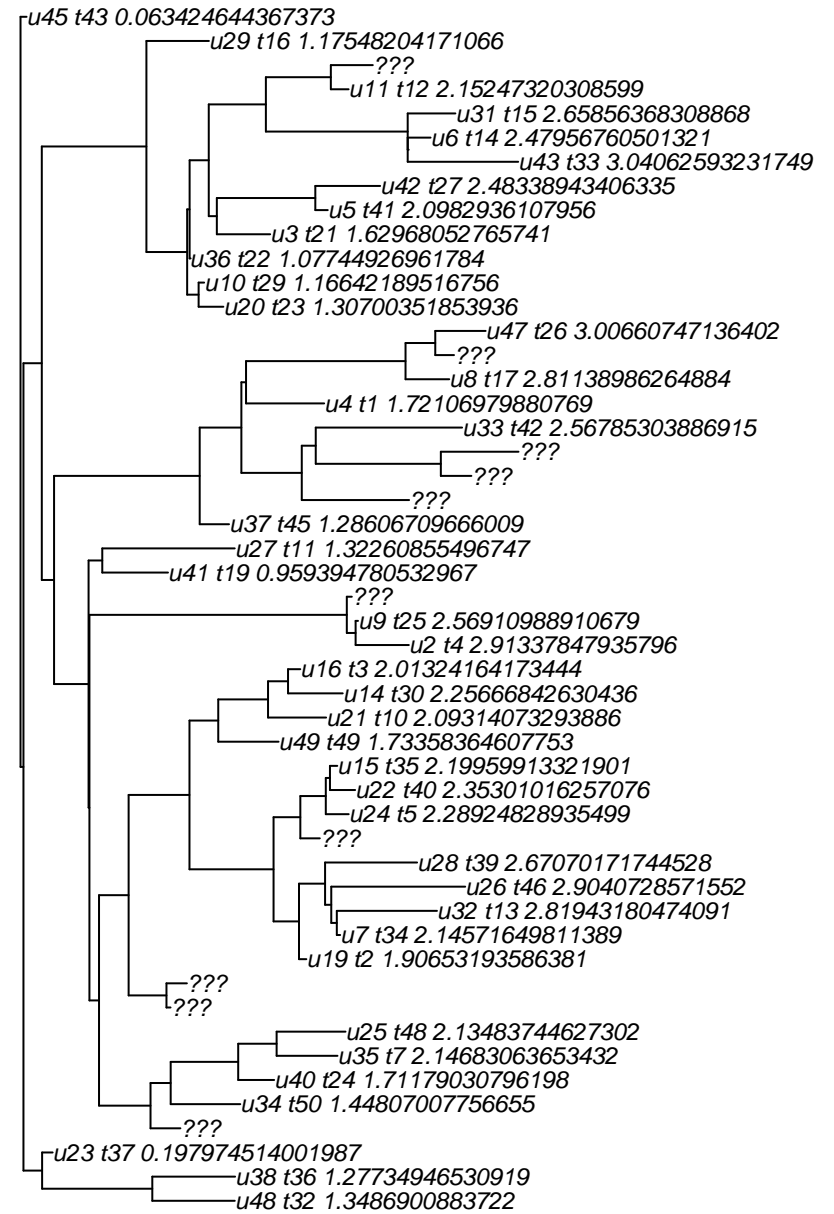
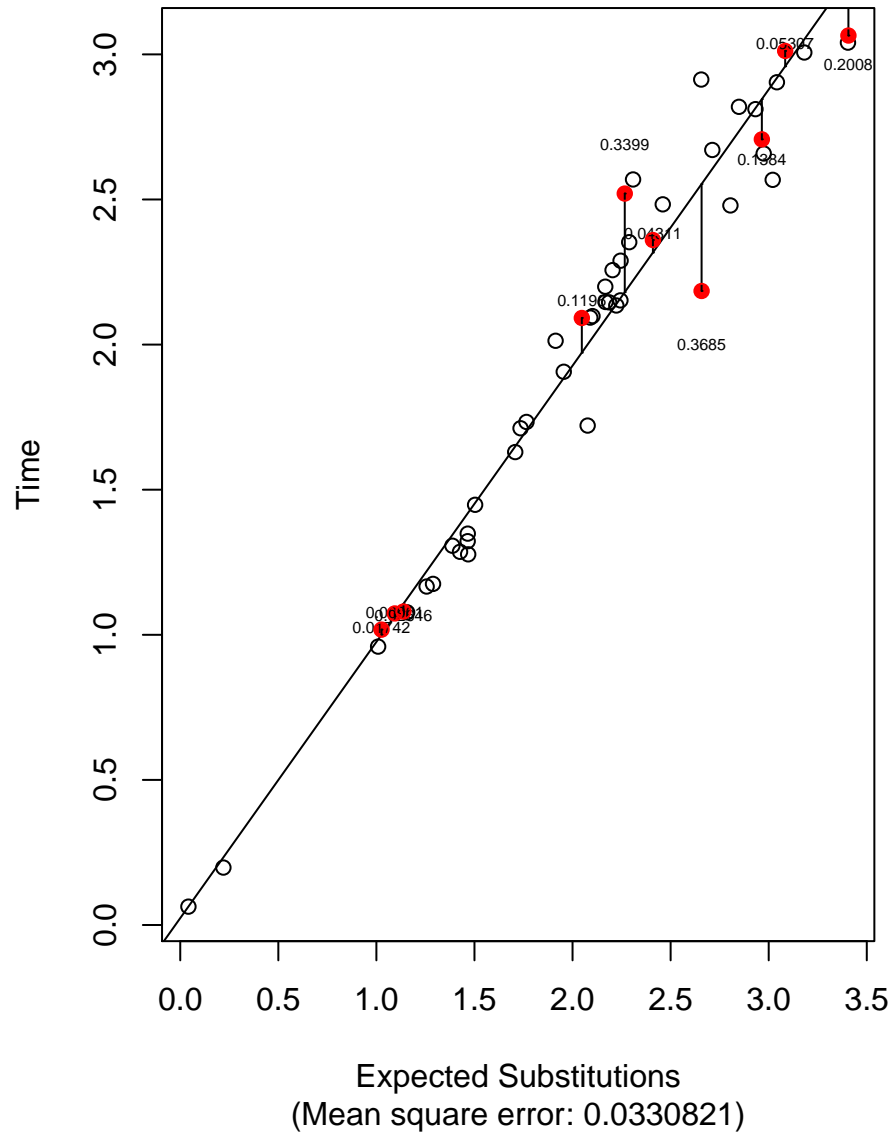


Time vs Distance

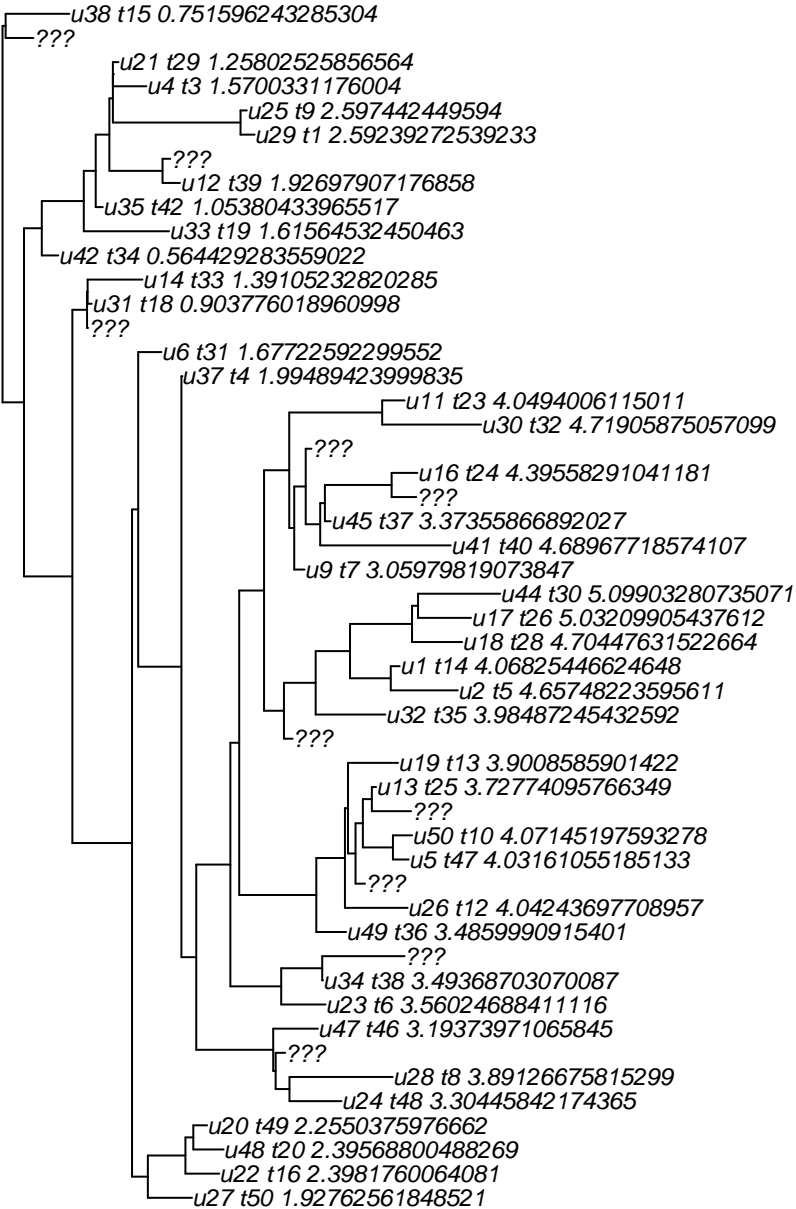
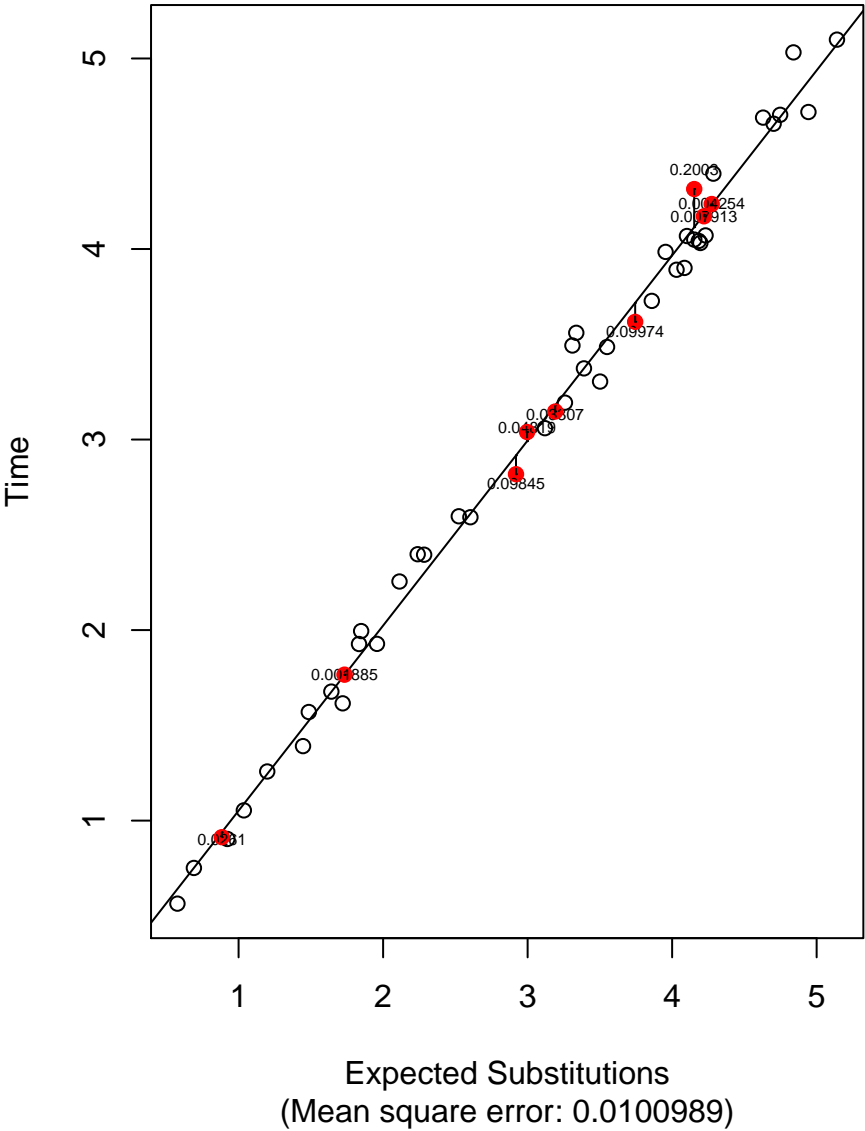


Coalescent: Simulated-no.14 (Remove 10)

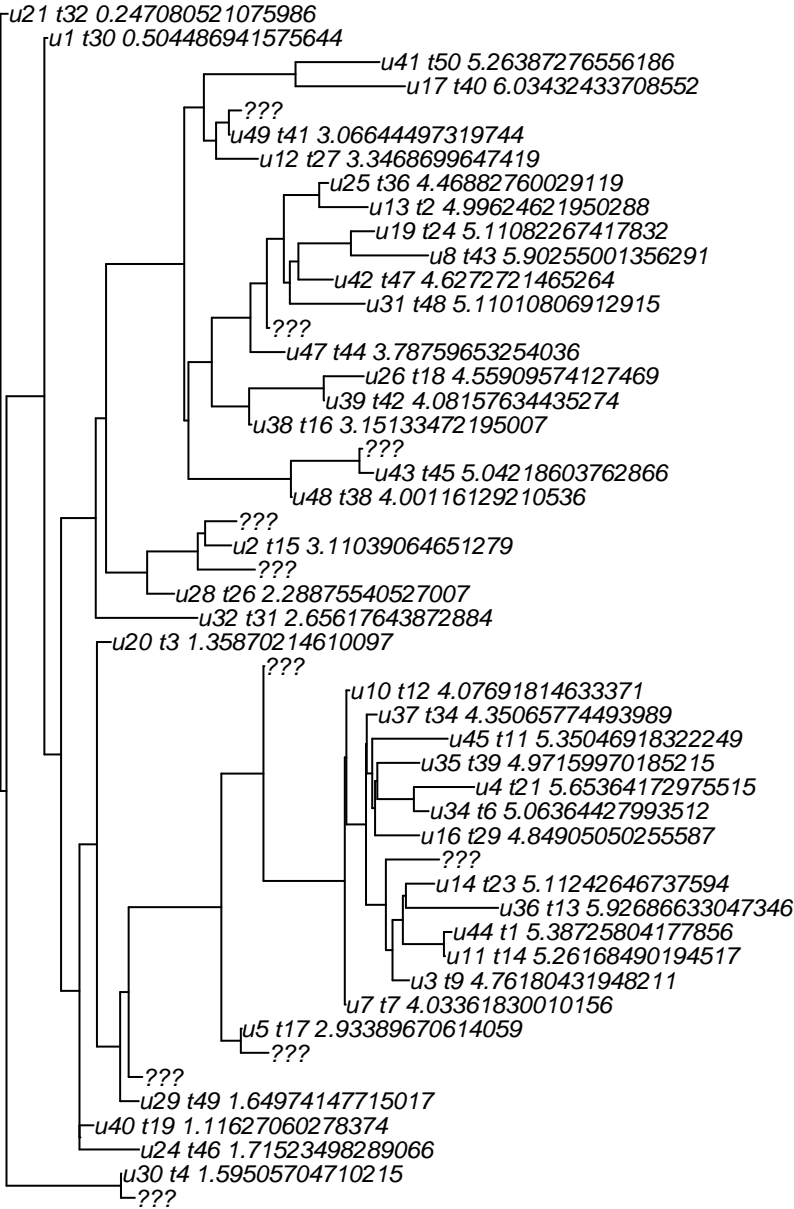
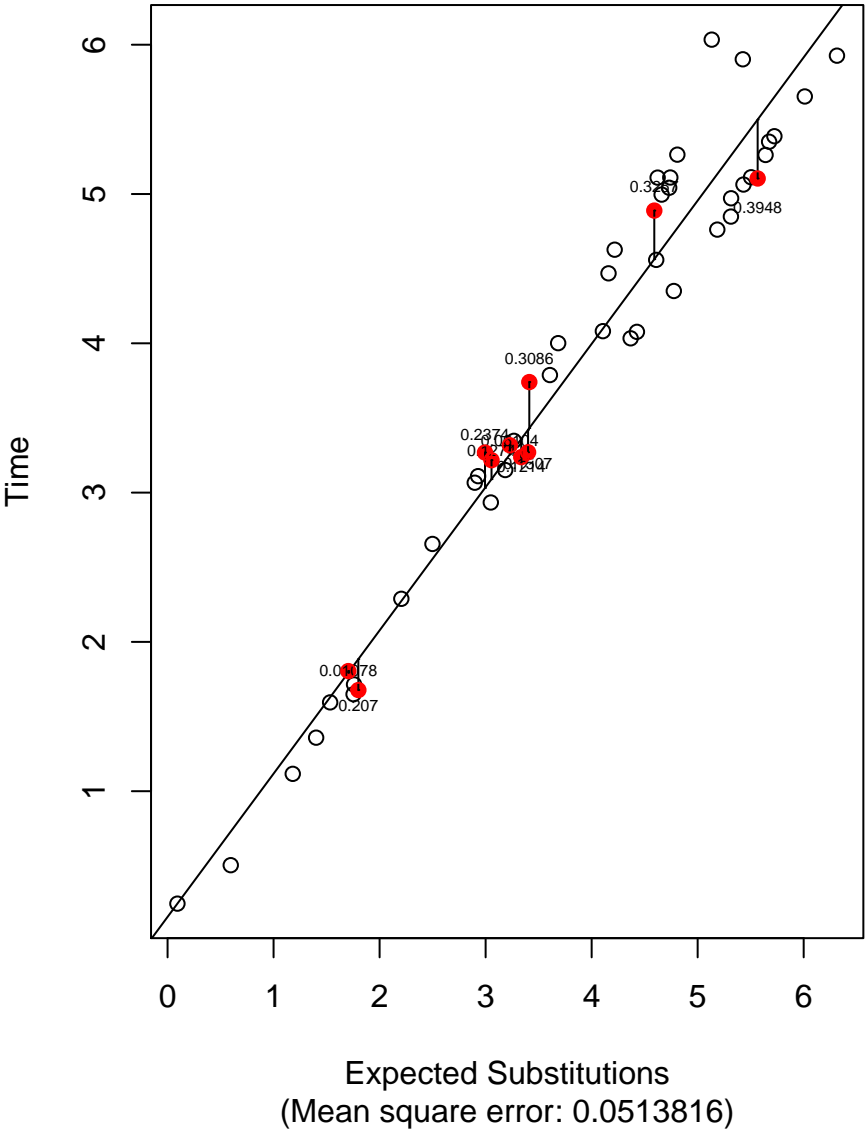
Time vs Distance



Time vs Distance

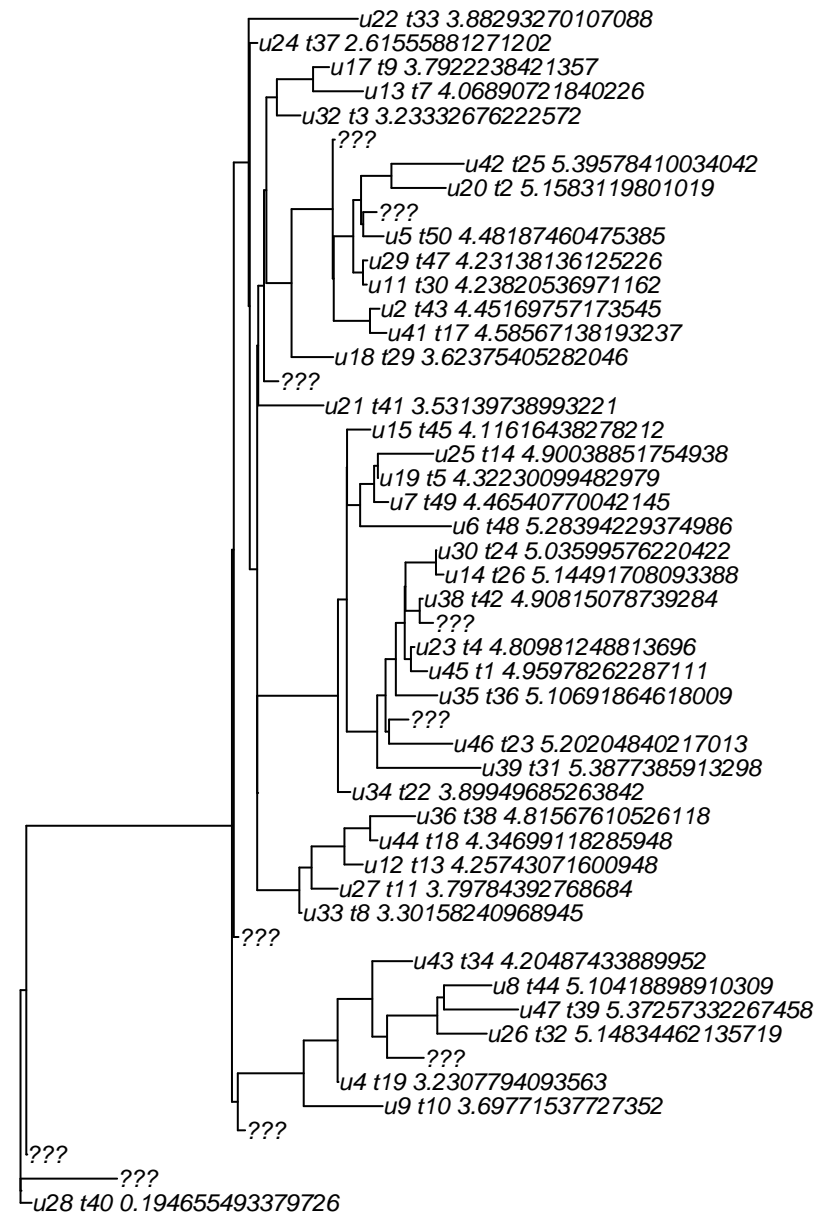
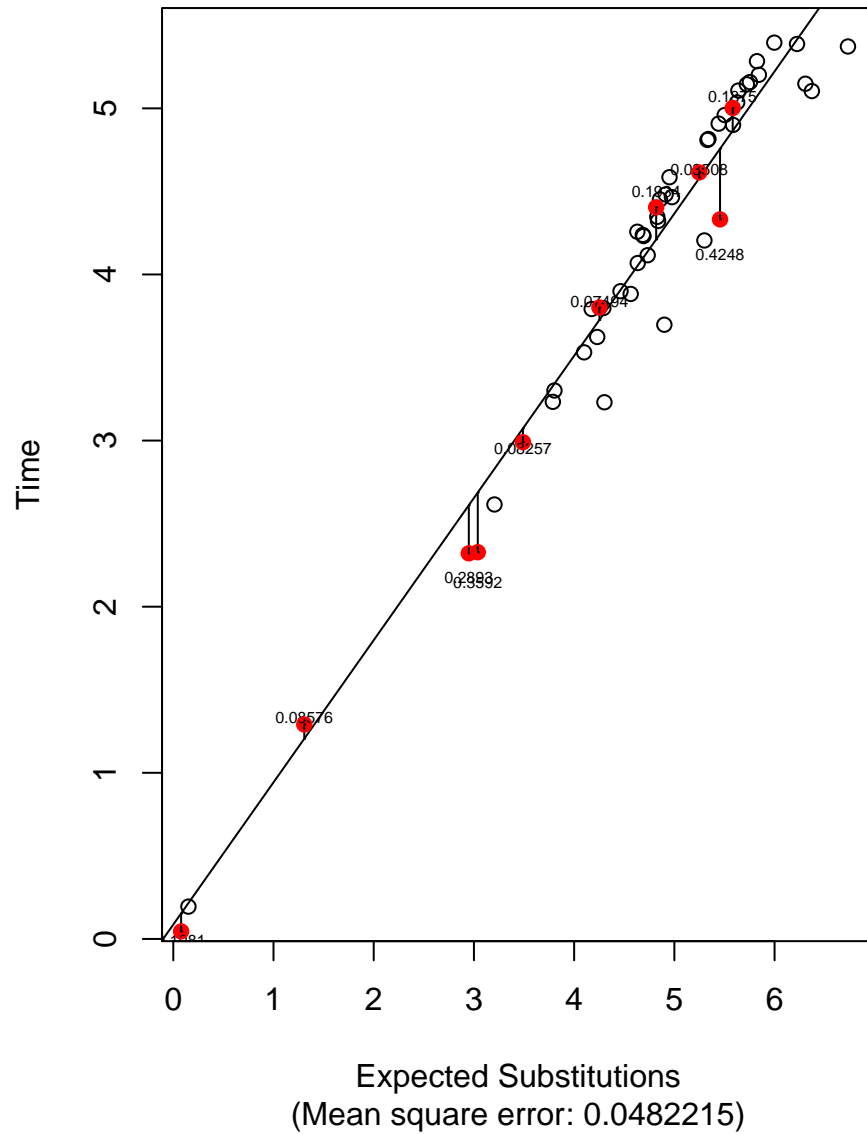


Time vs Distance

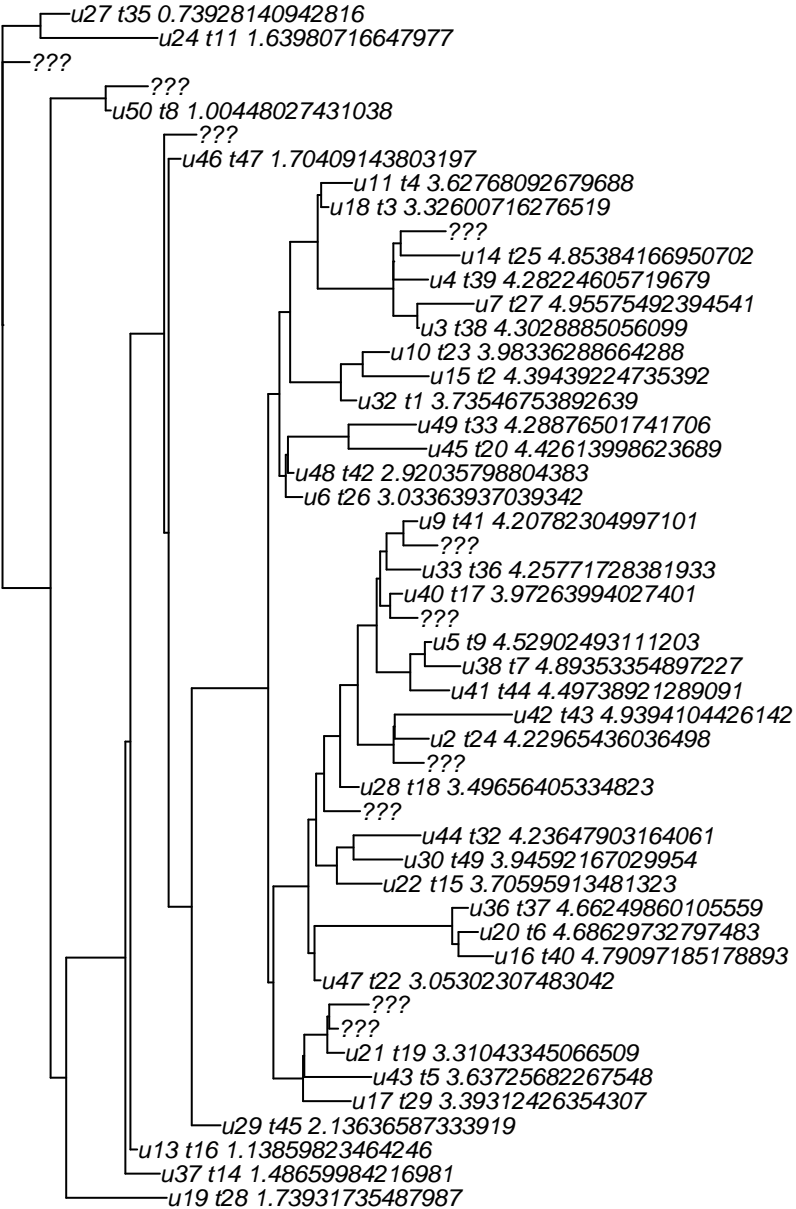
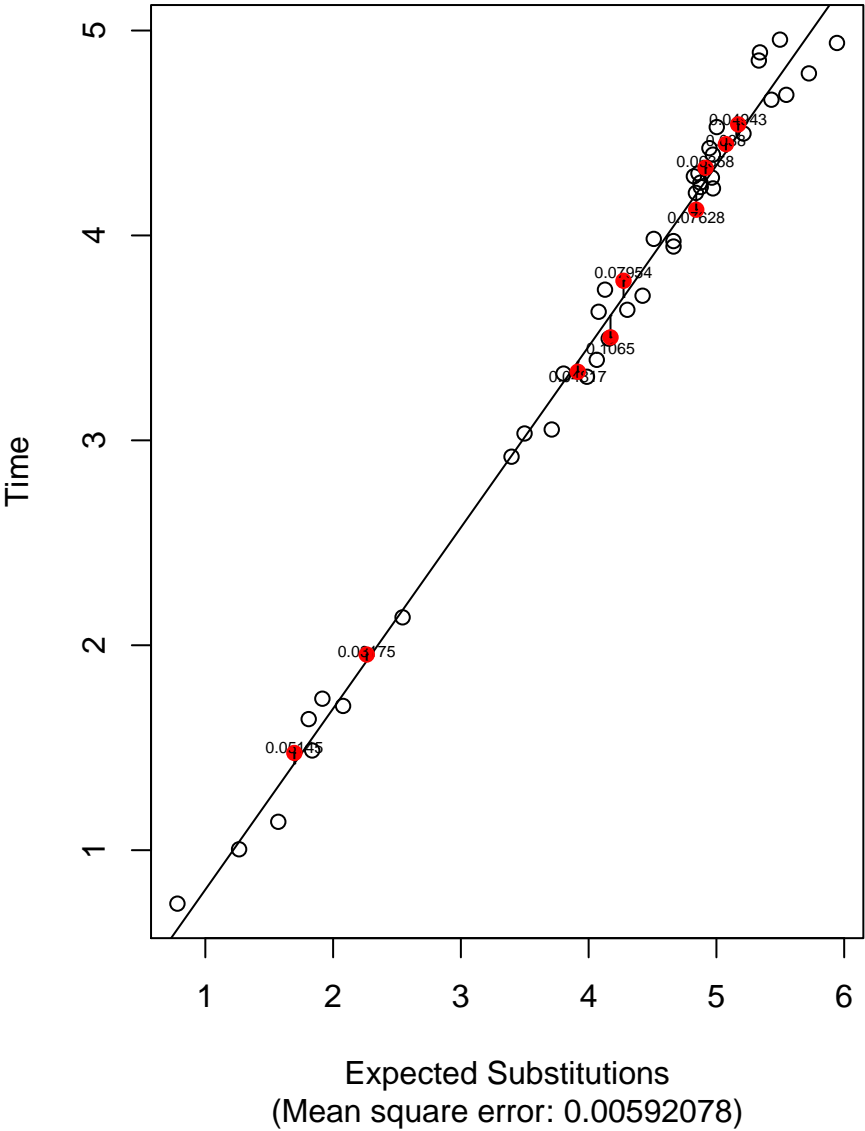


Coalescent: Simulated-no.17 (Remove 10)

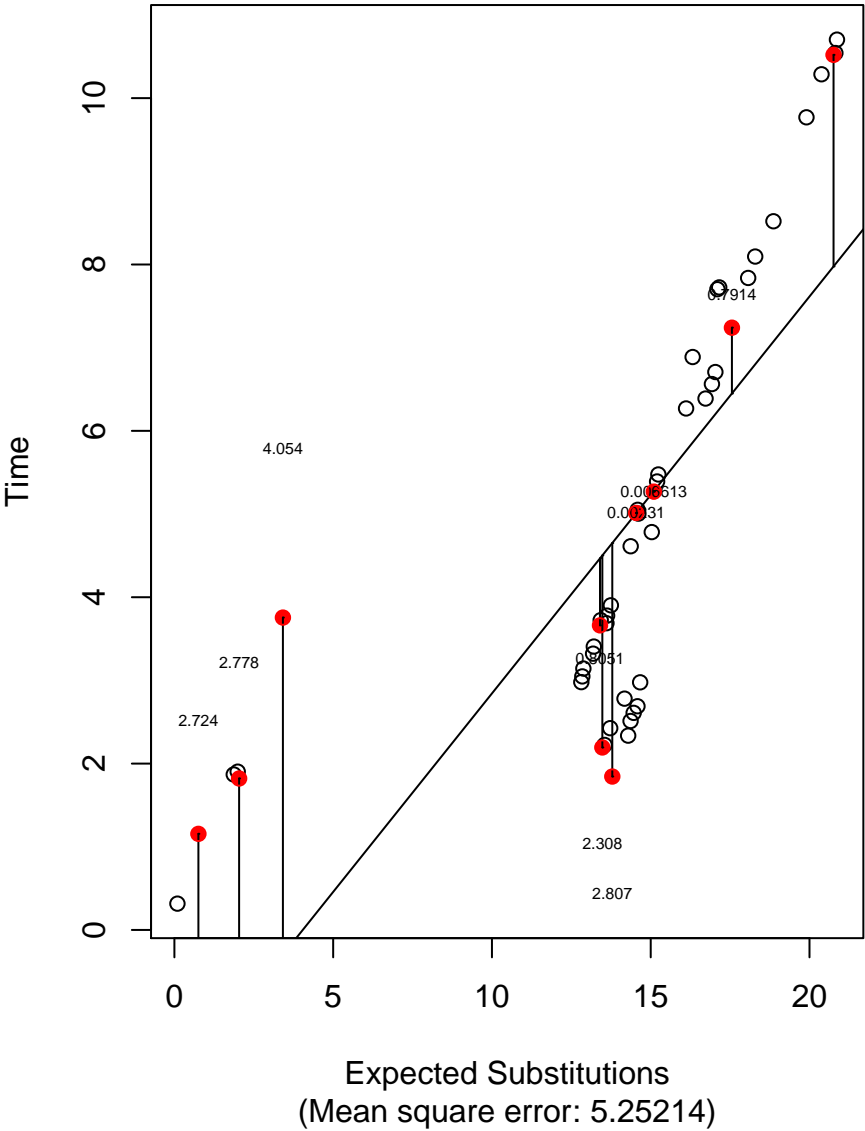
Time vs Distance



Time vs Distance

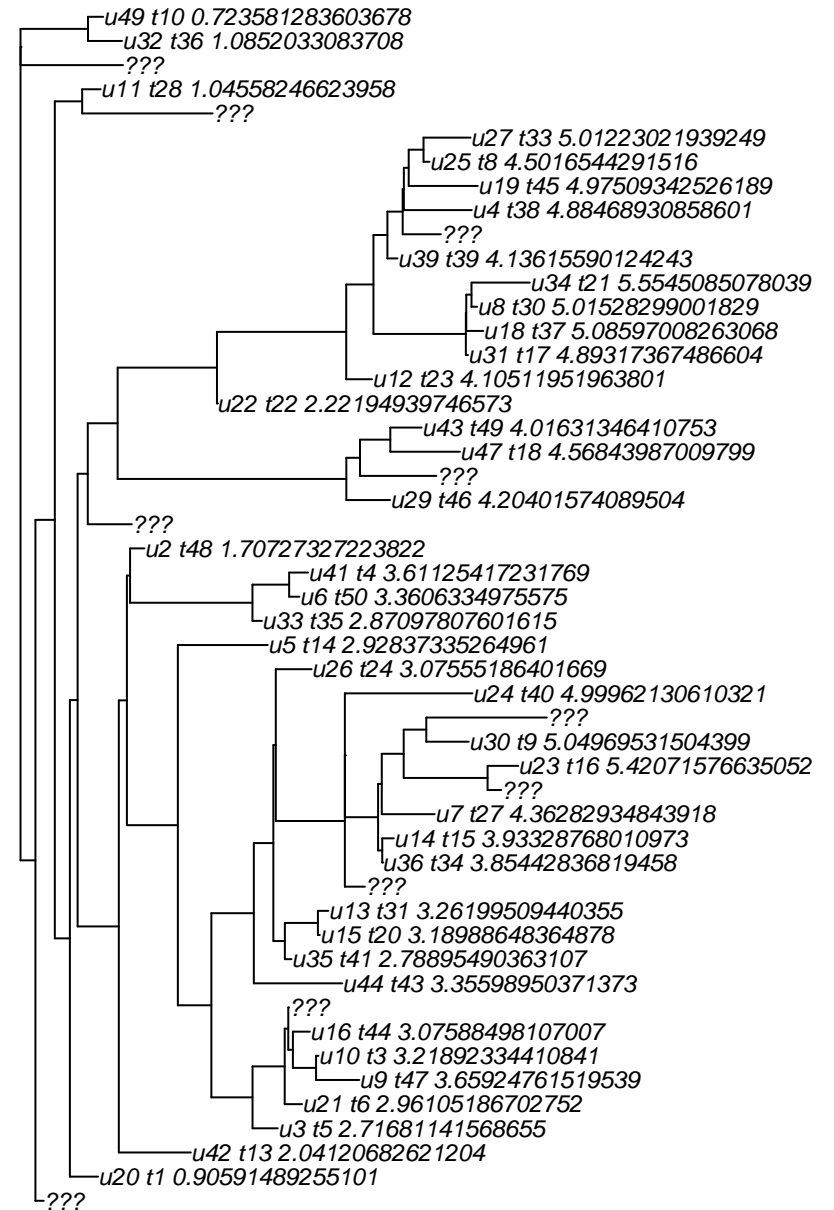
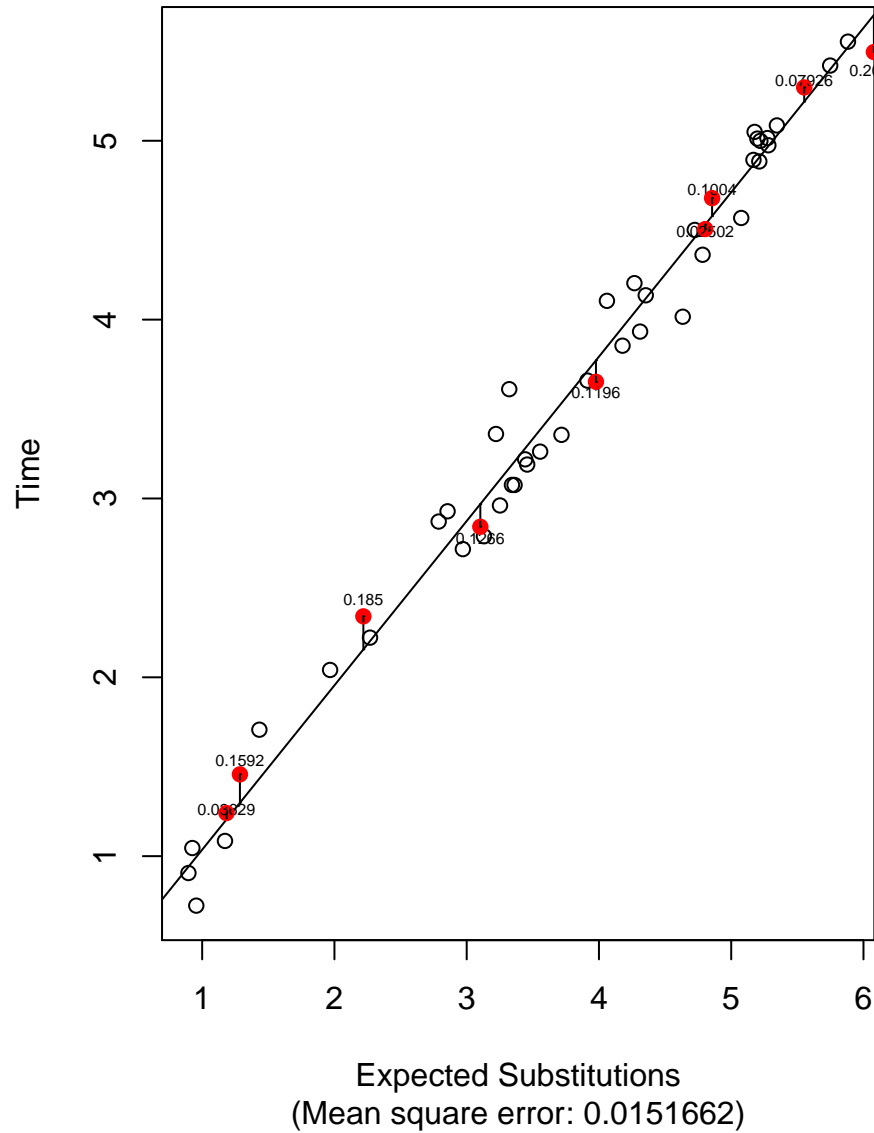


Time vs Distance



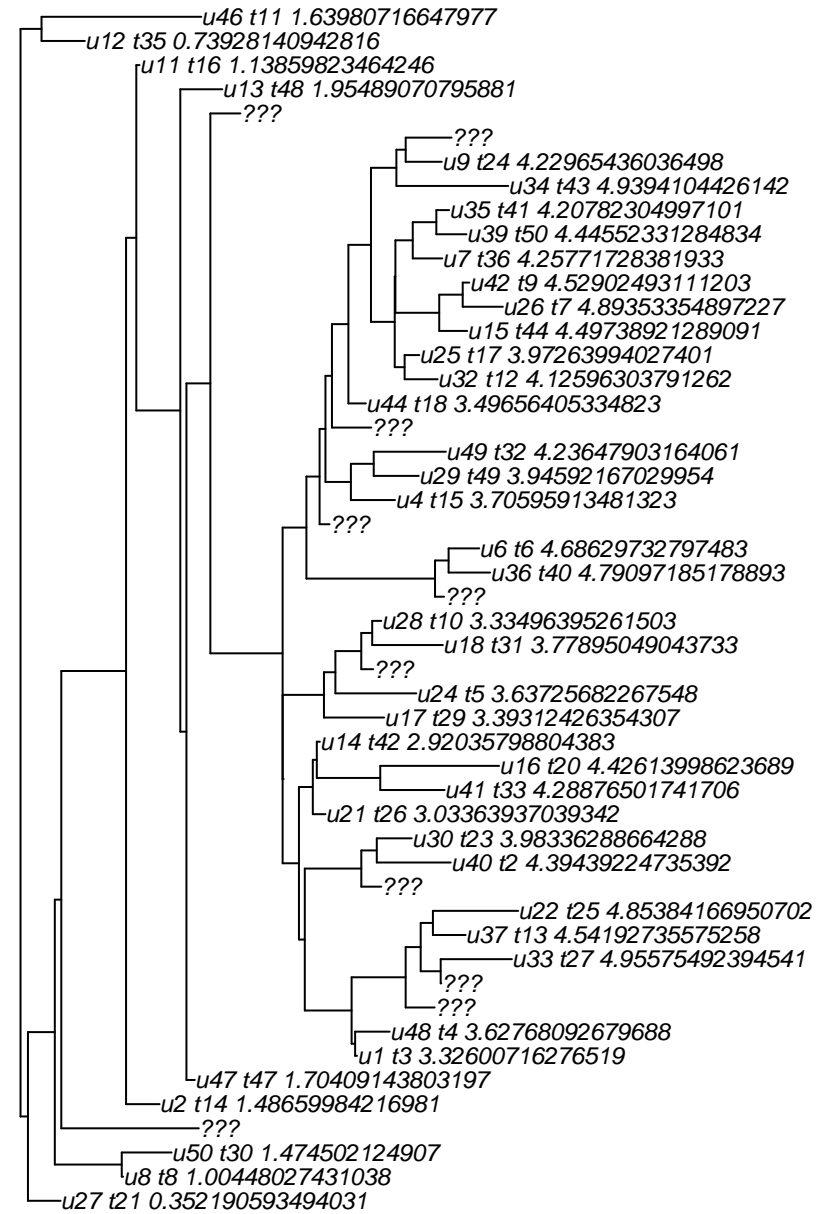
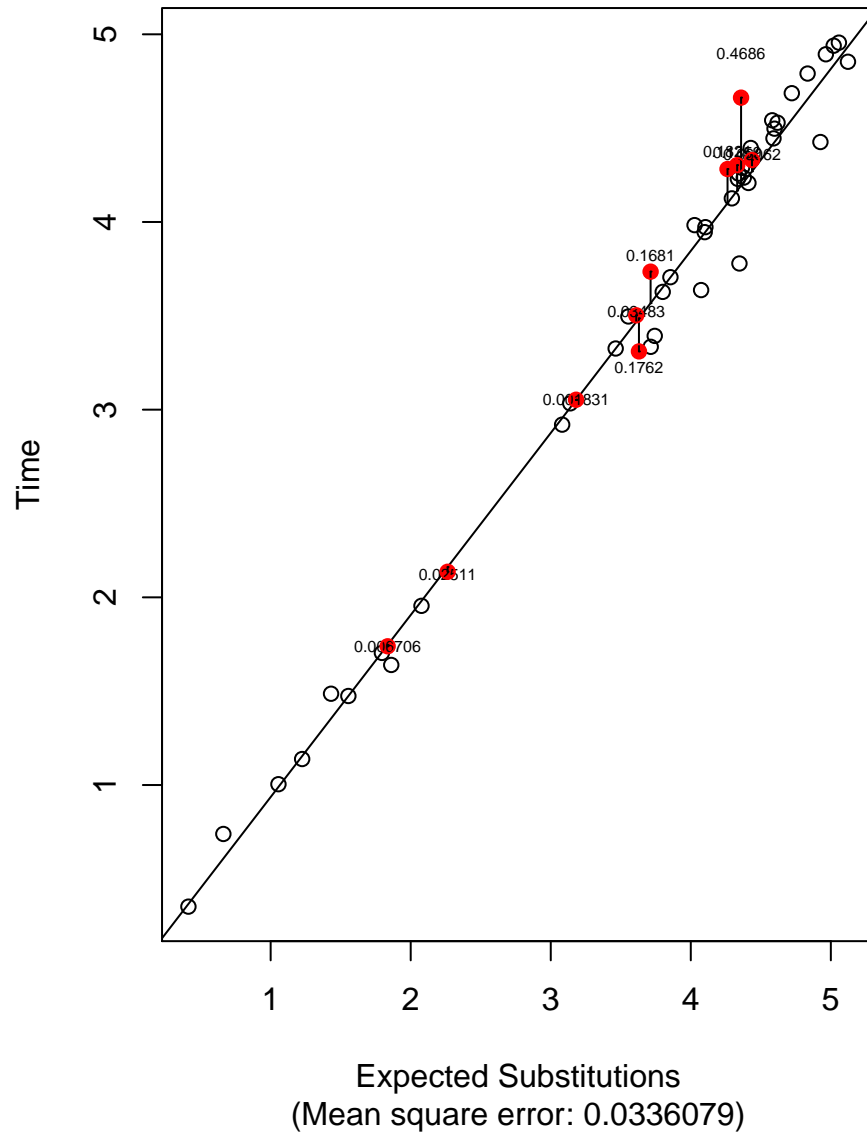
Coalescent: Simulated-no.20 (Remove 10)

Time vs Distance

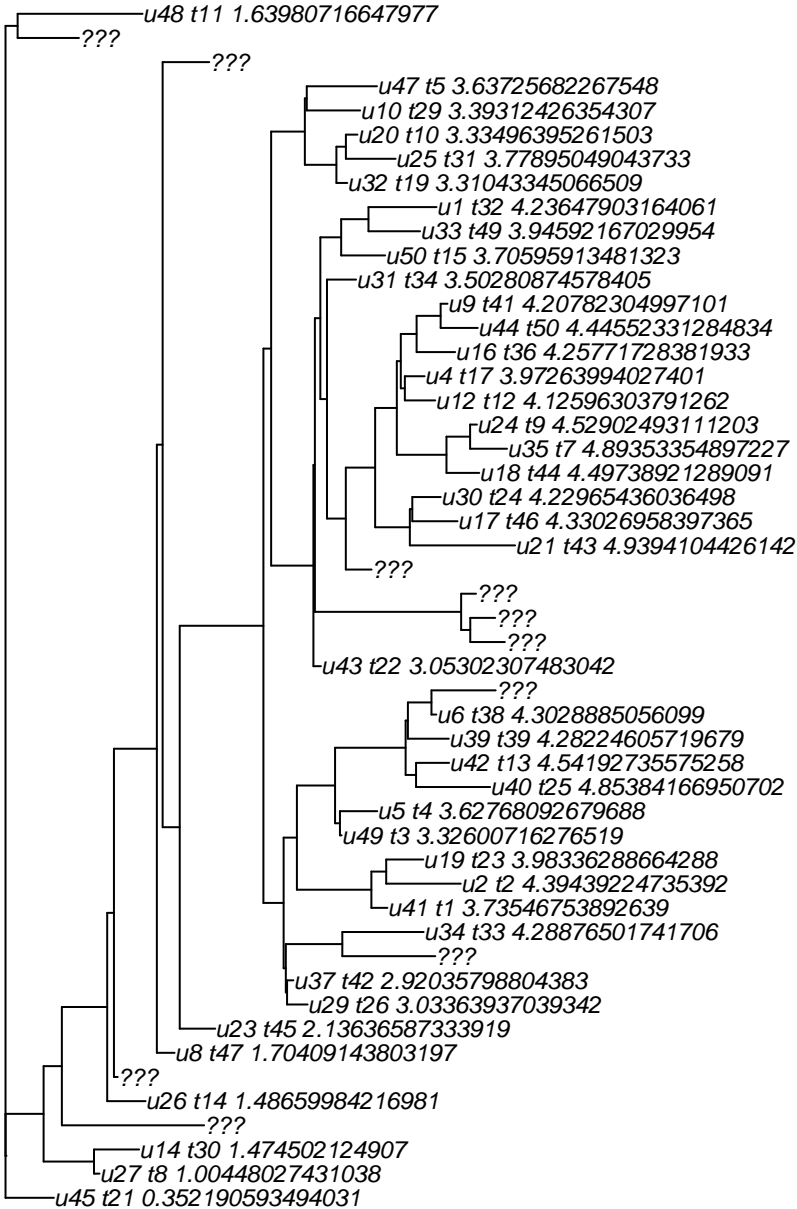
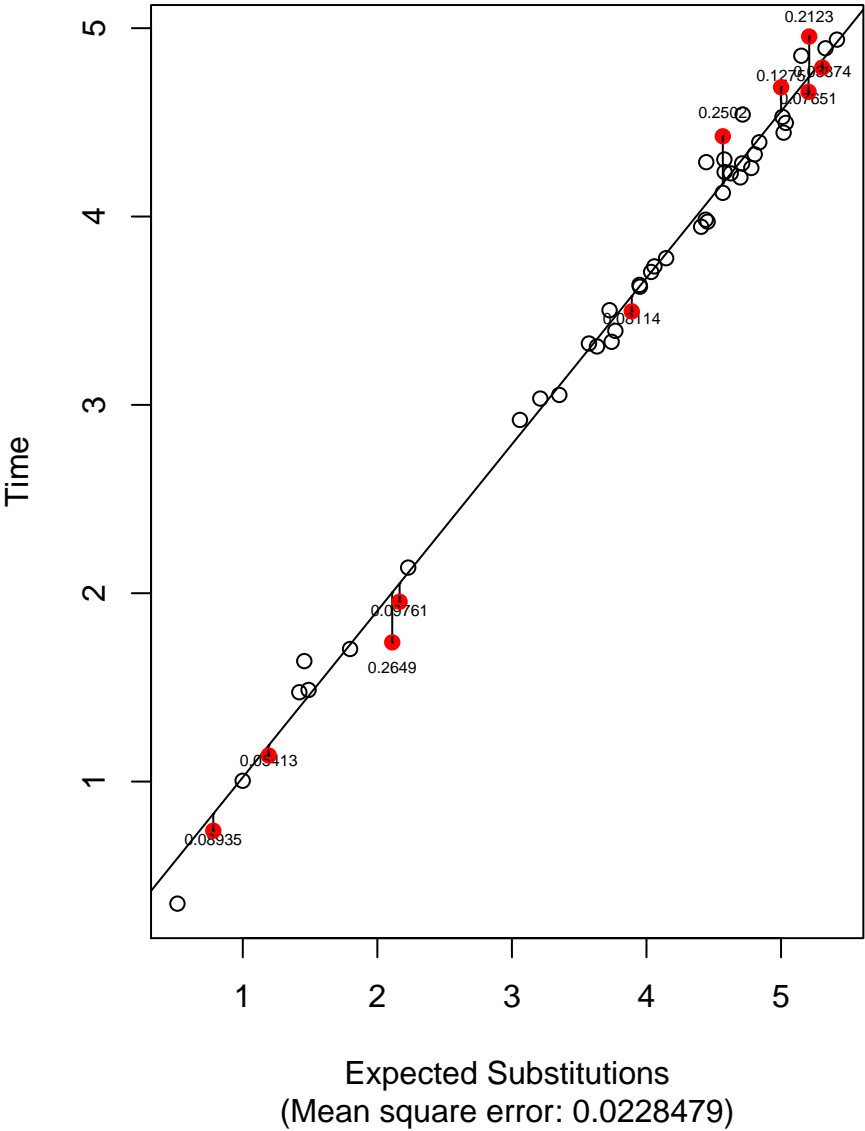


Coalescent: Simulated-no.21 (Remove 10)

Time vs Distance

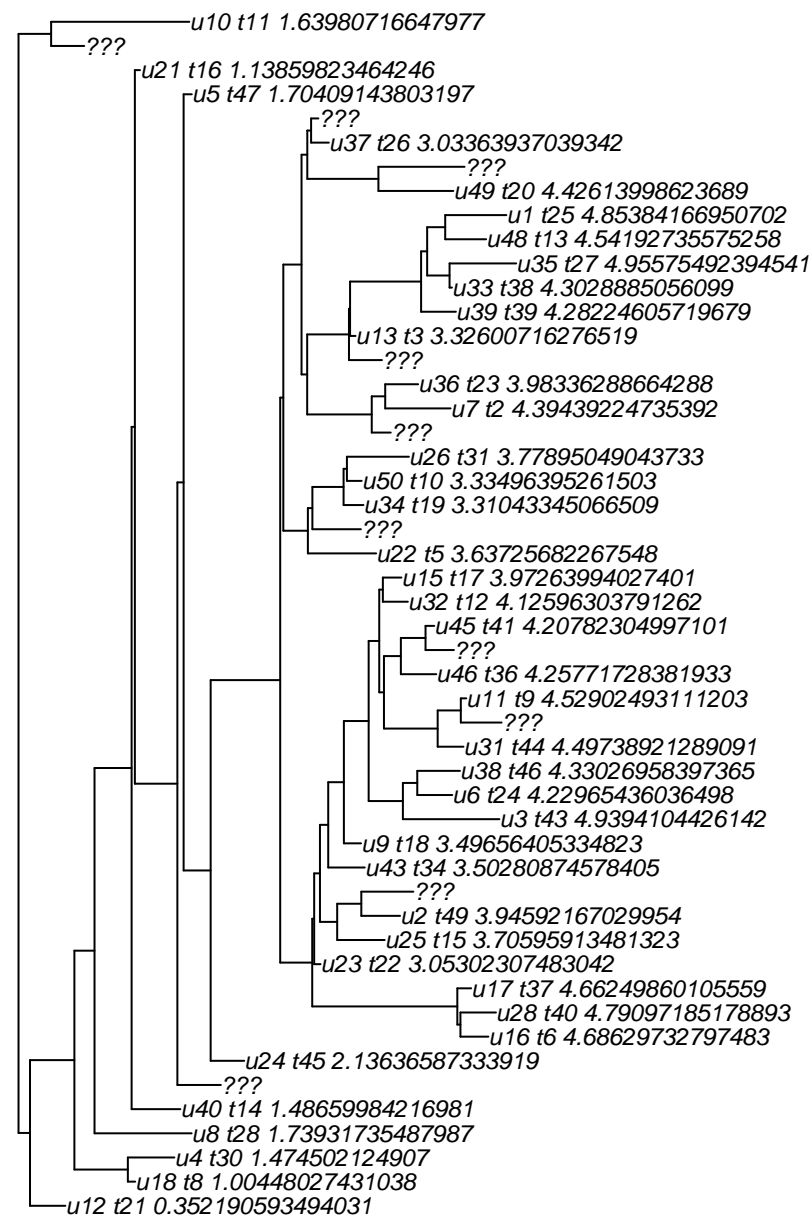
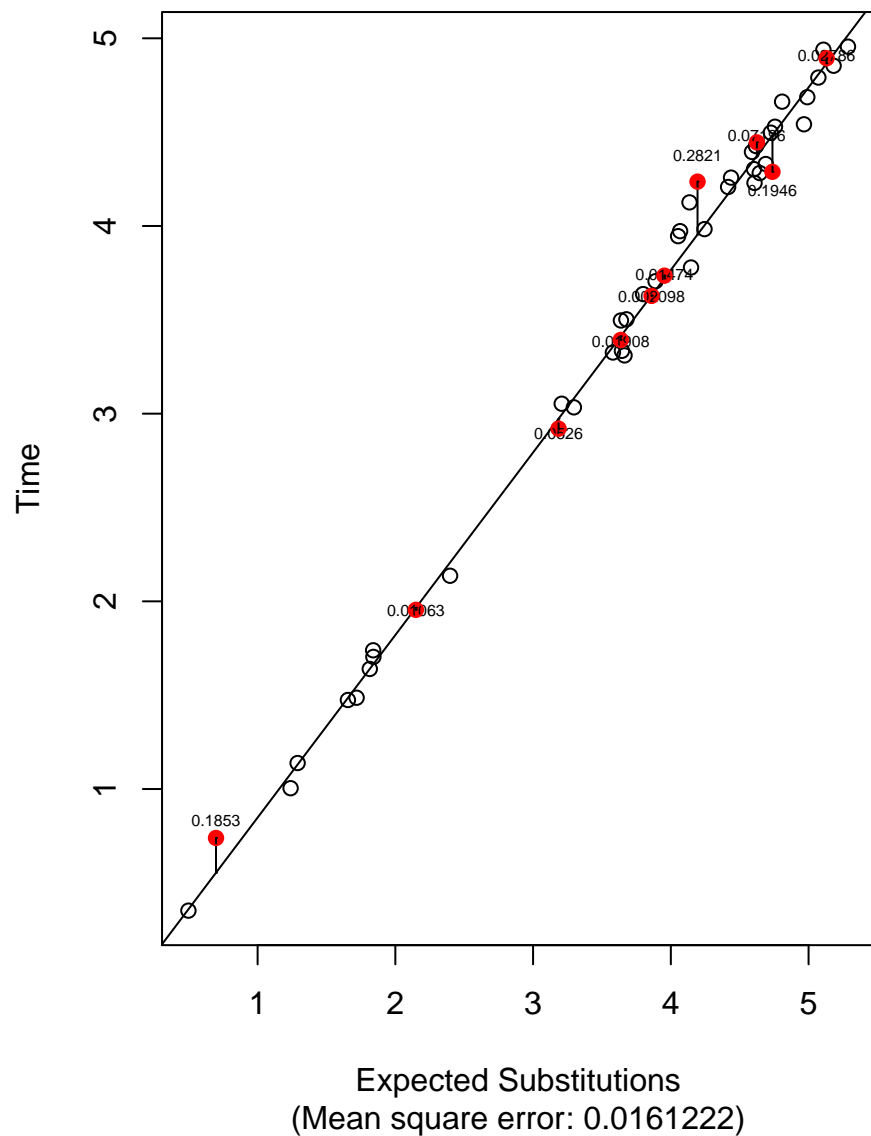


Time vs Distance

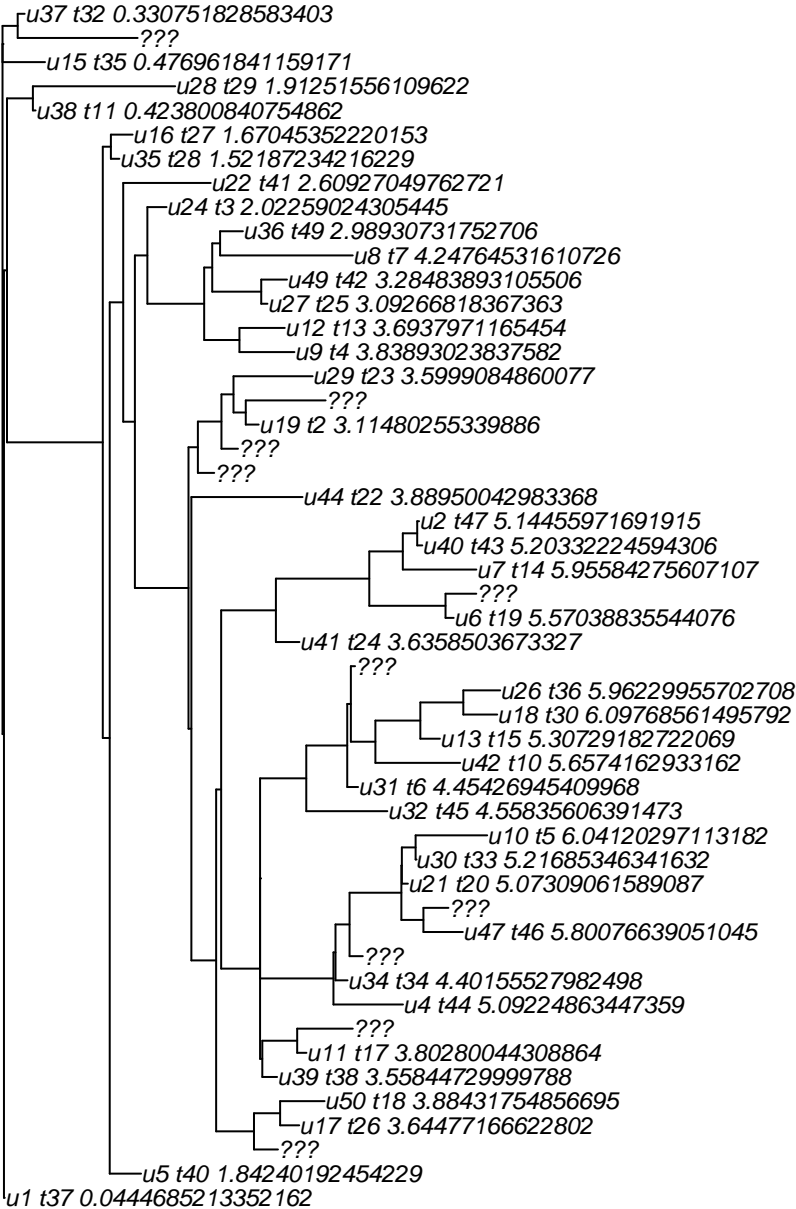
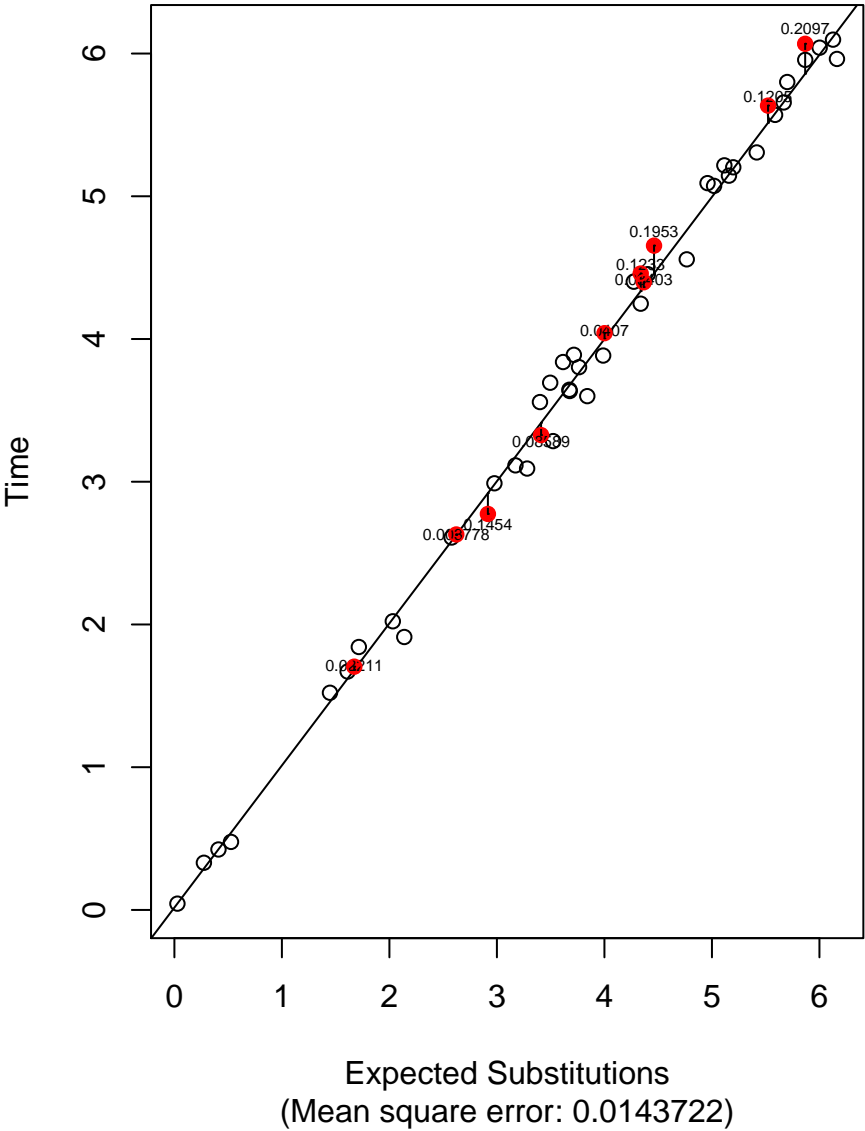


Coalescent: Simulated-no.23 (Remove 10)

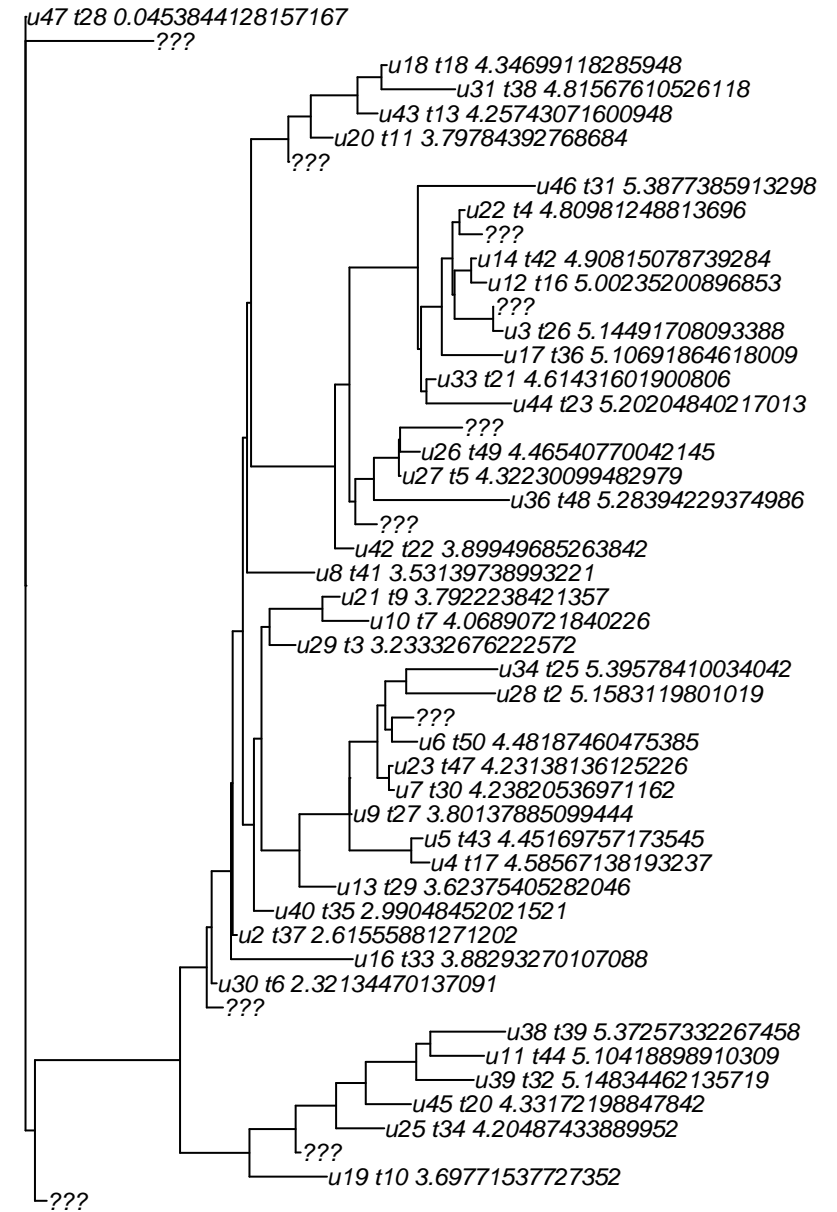
Time vs Distance



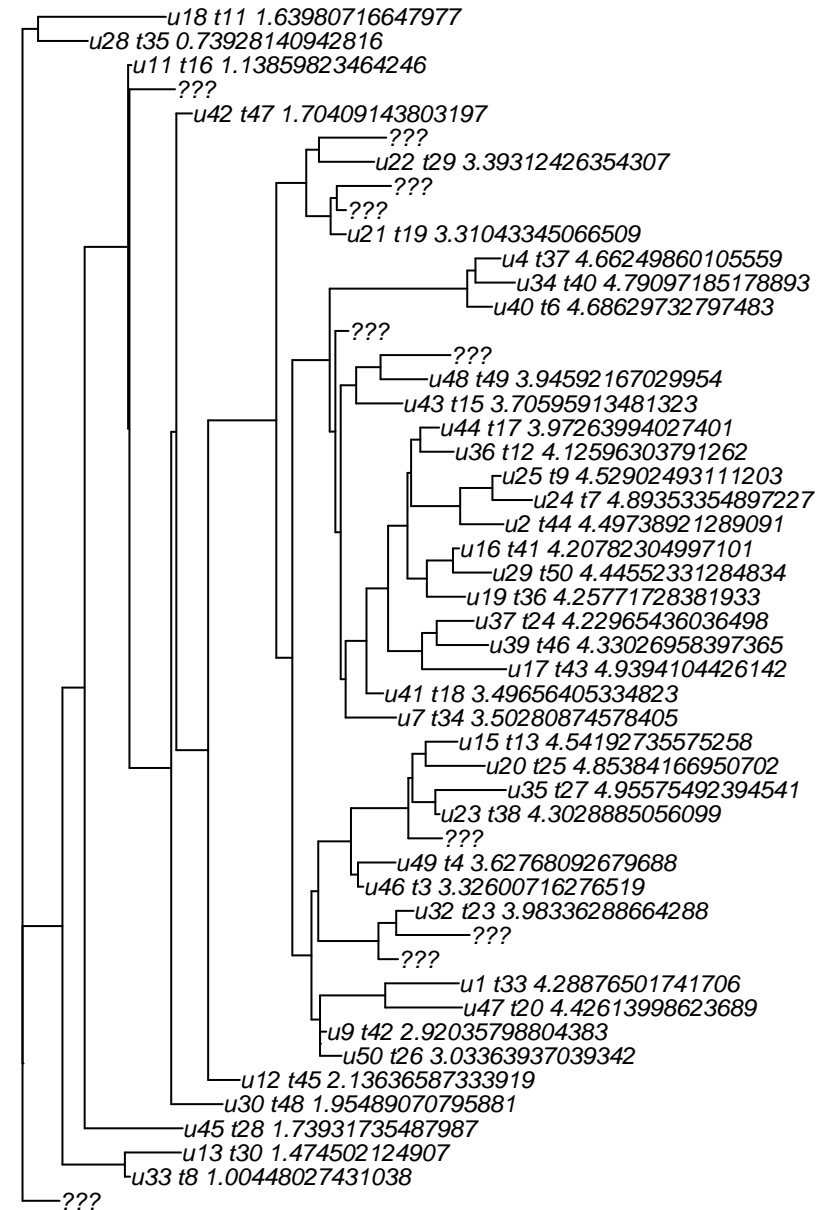
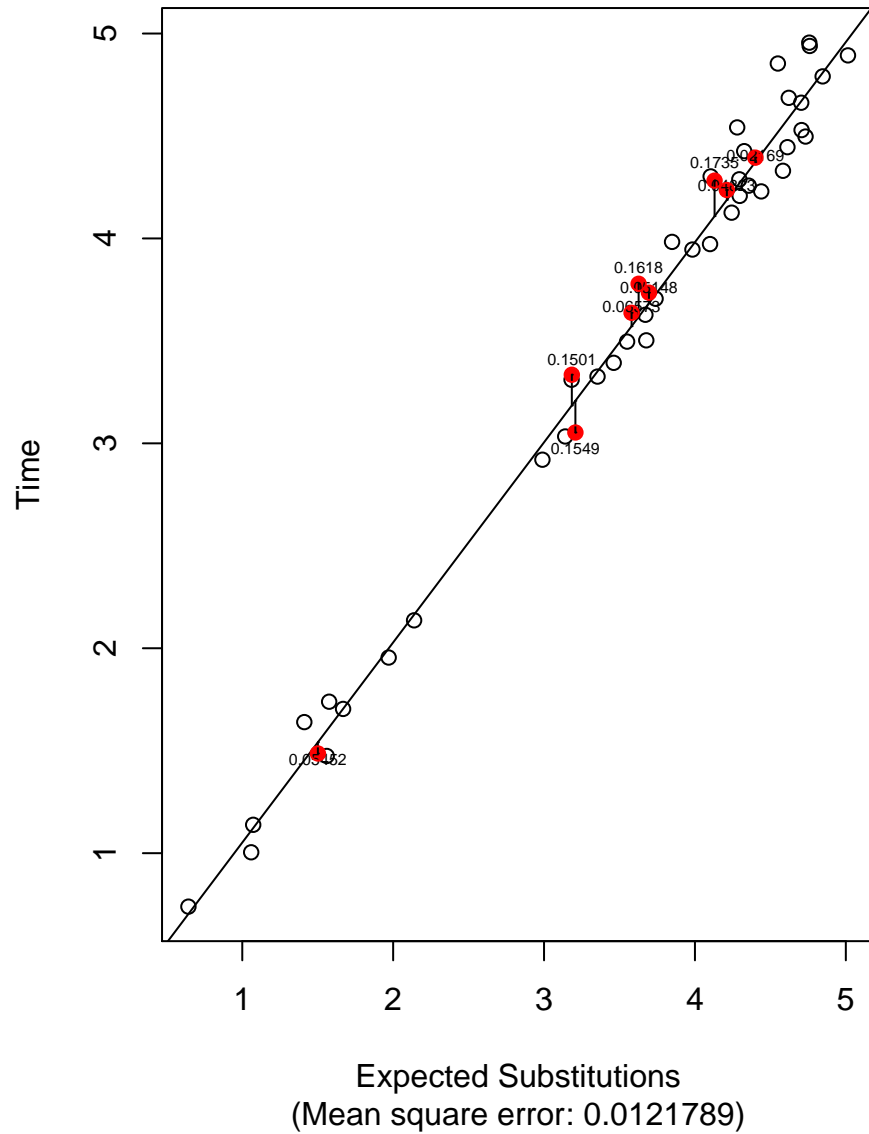
Time vs Distance



Time vs Distance

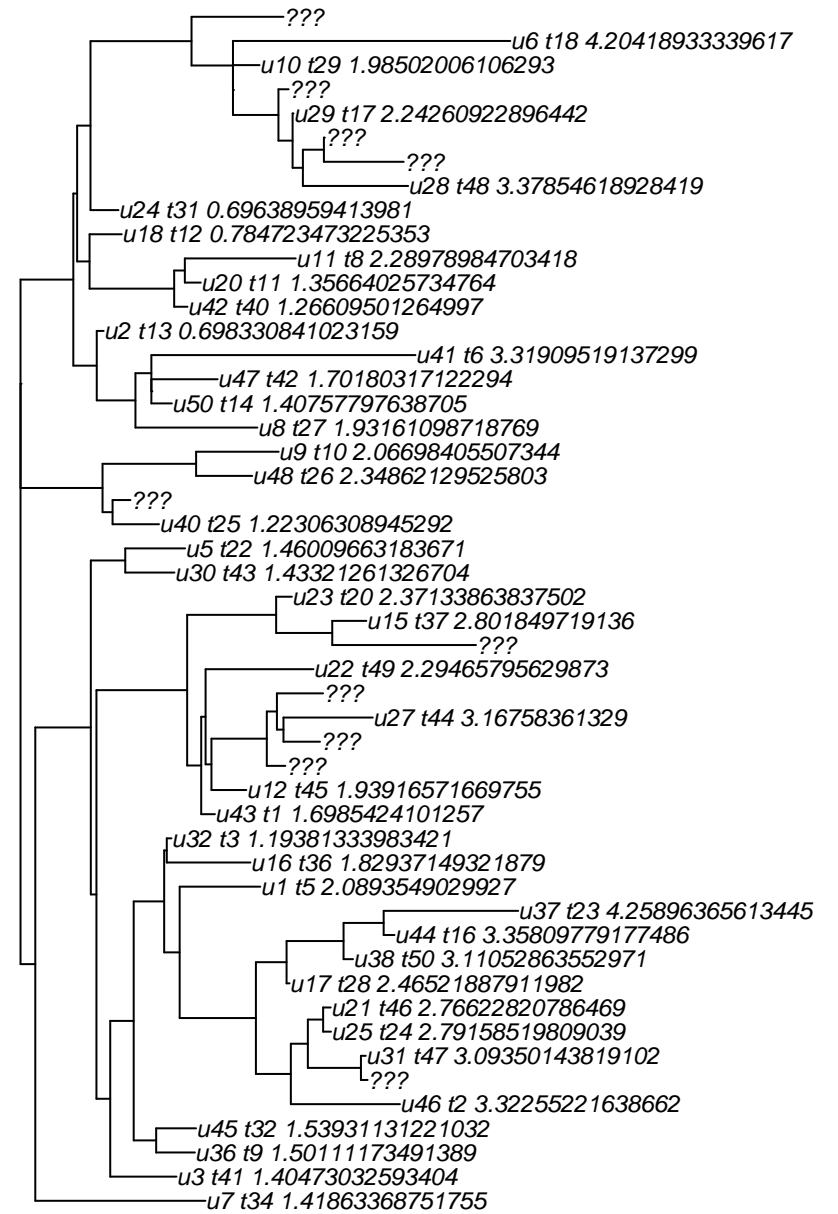
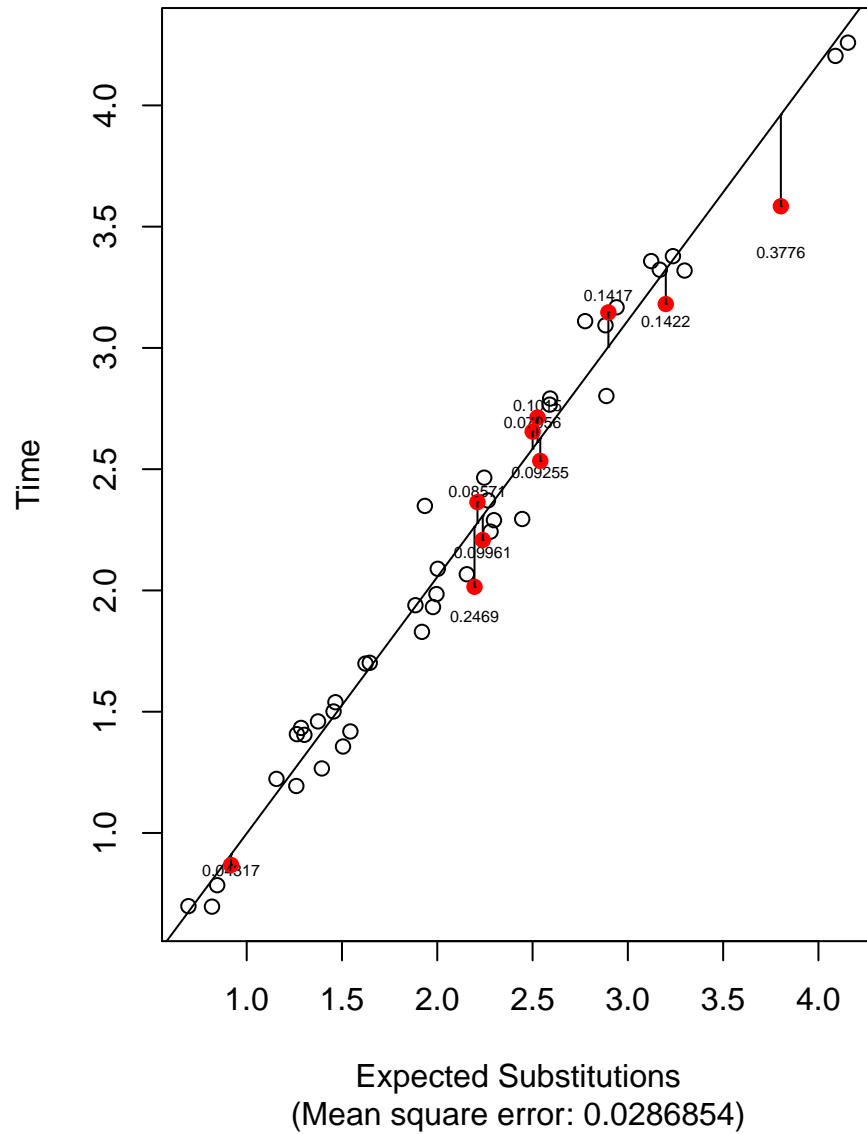


Time vs Distance

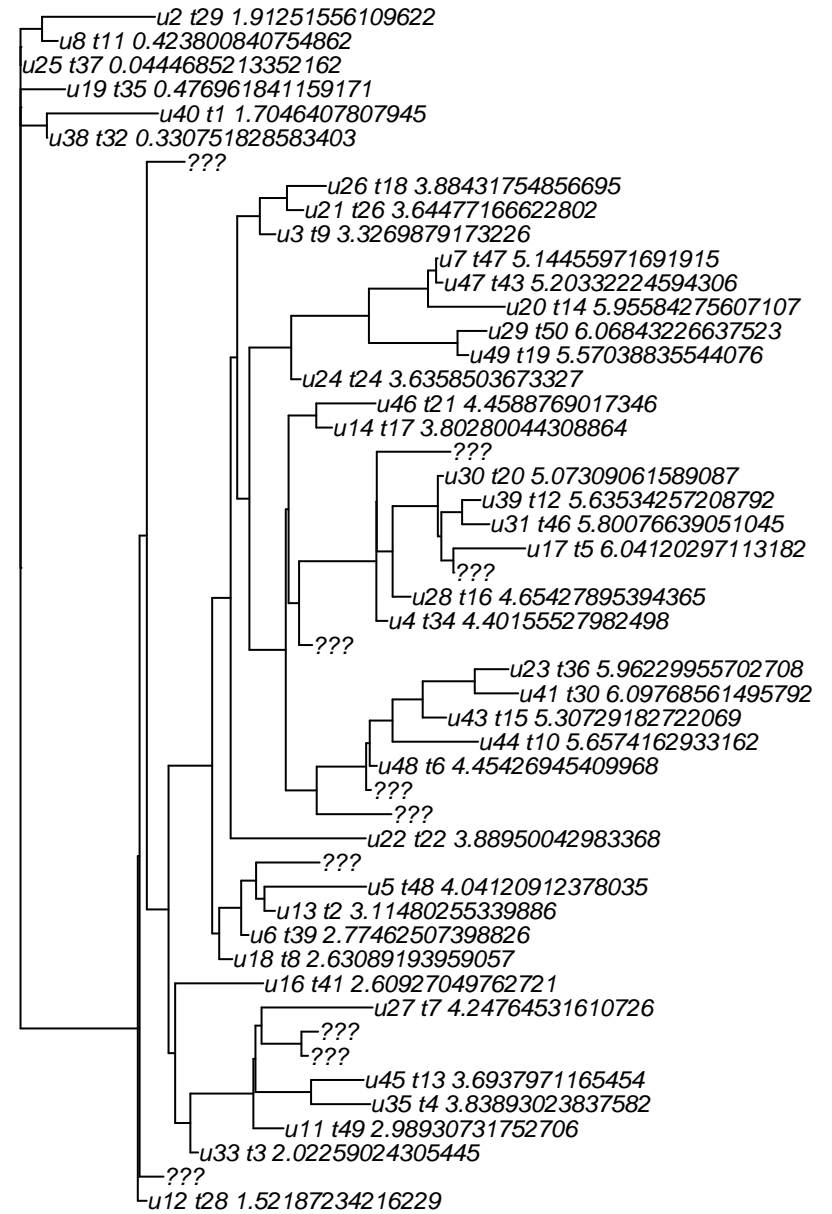
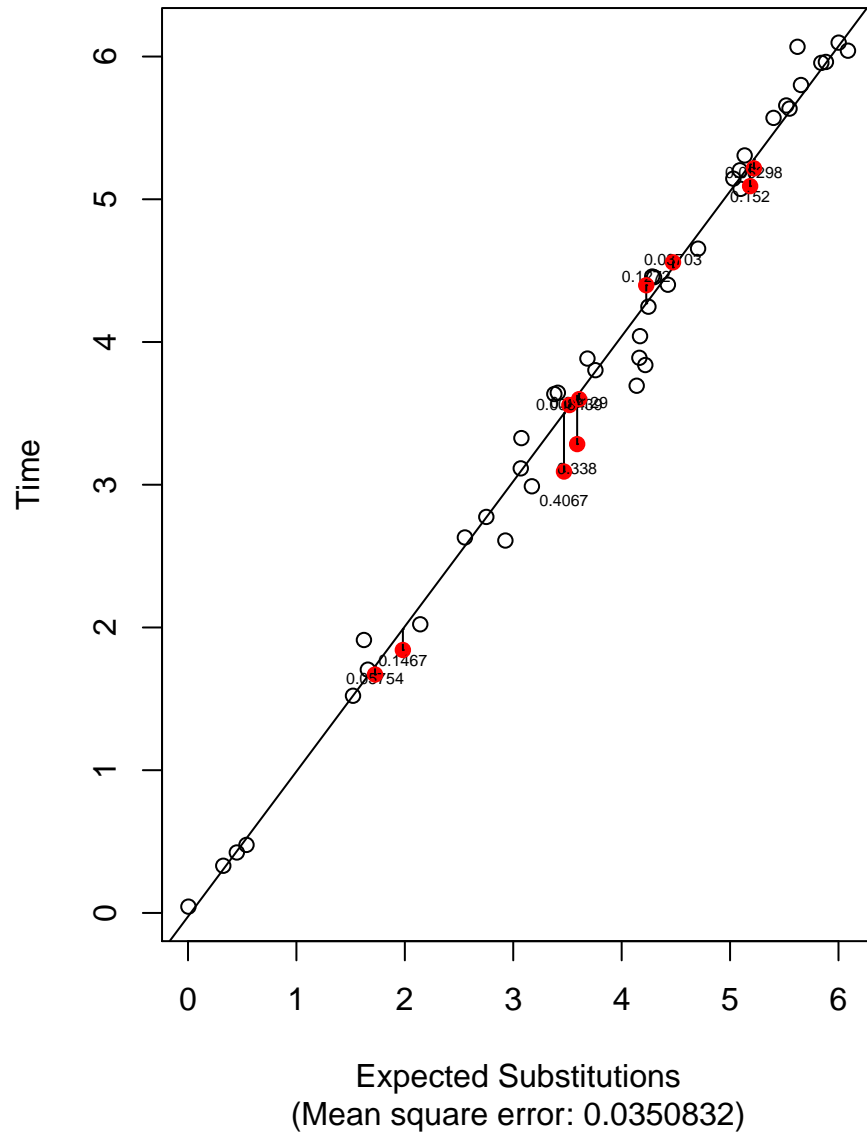


Coalescent: Simulated-no.27 (Remove 10)

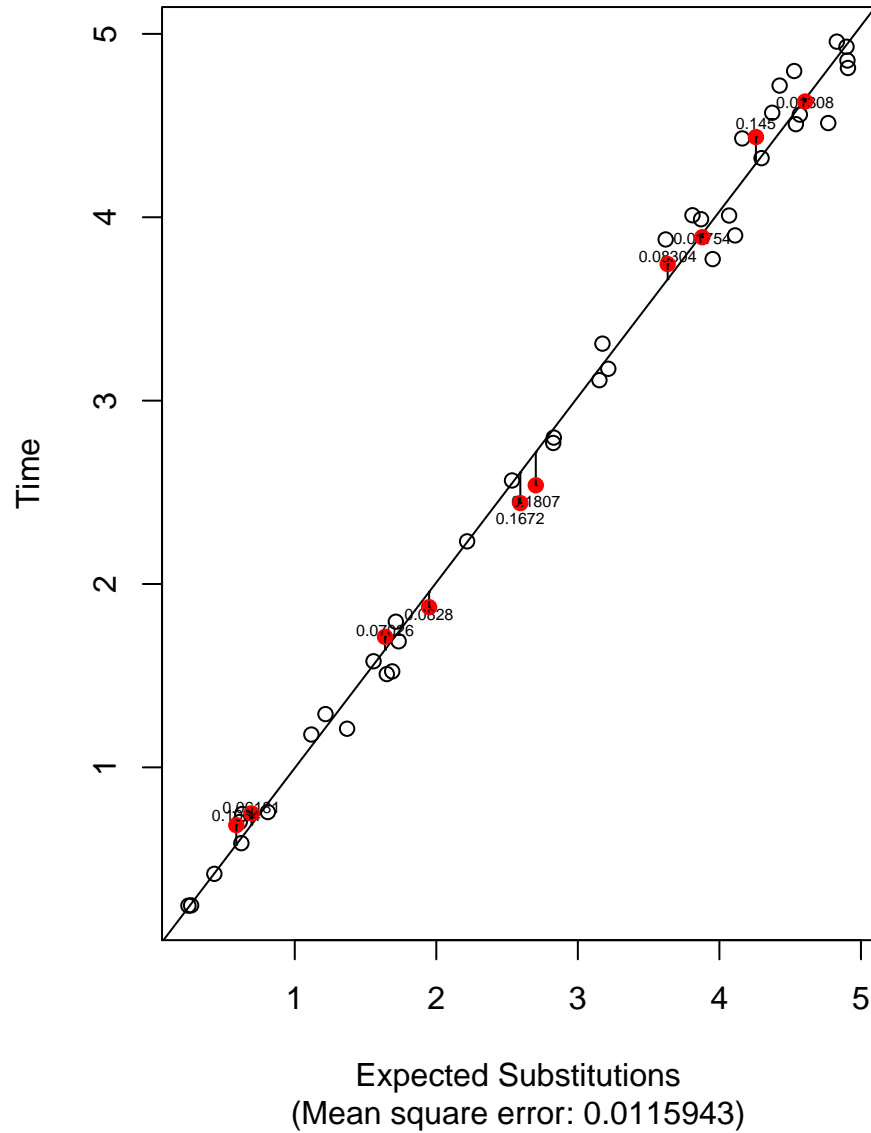
Time vs Distance



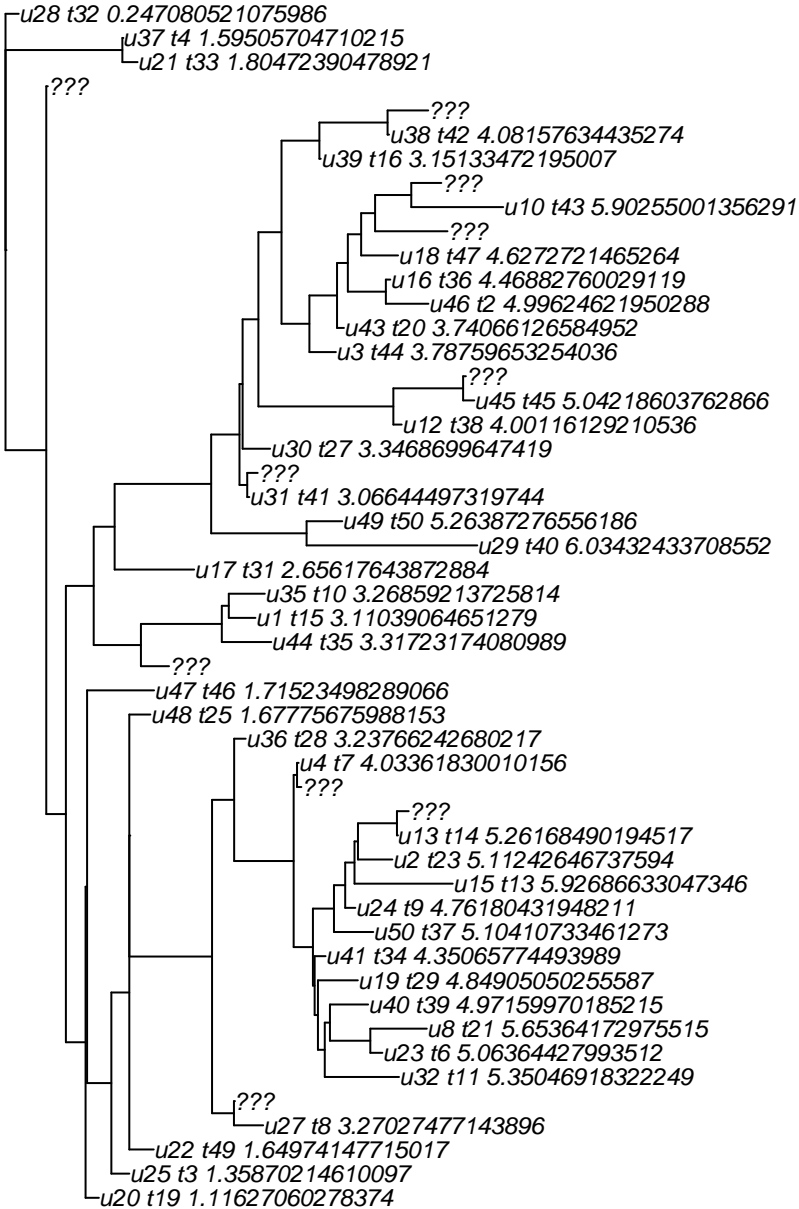
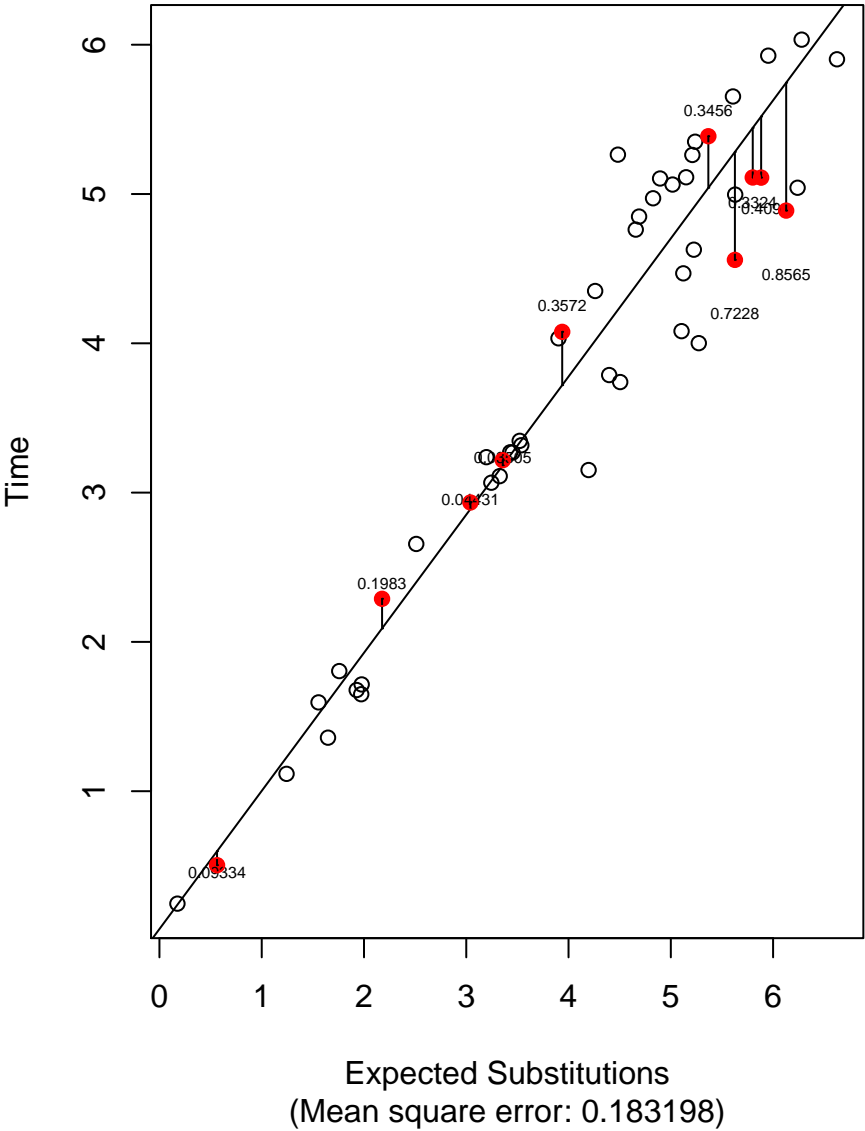
Time vs Distance



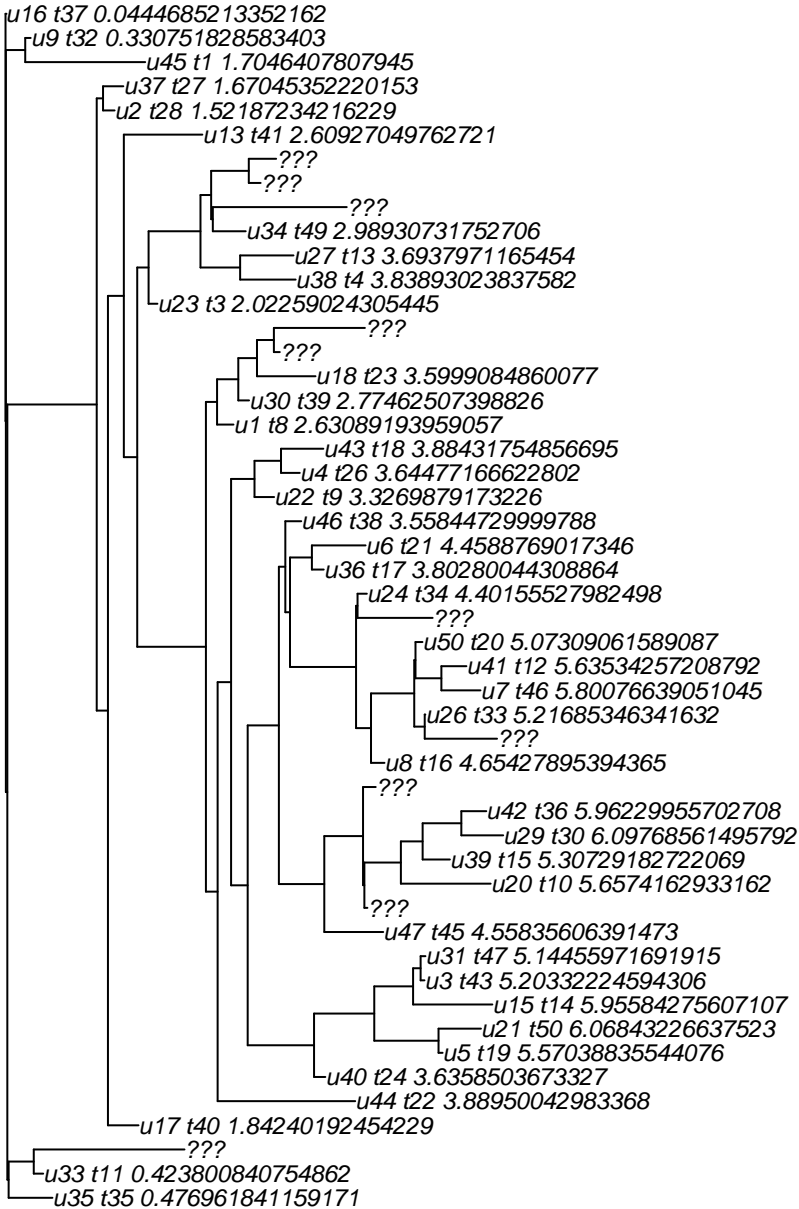
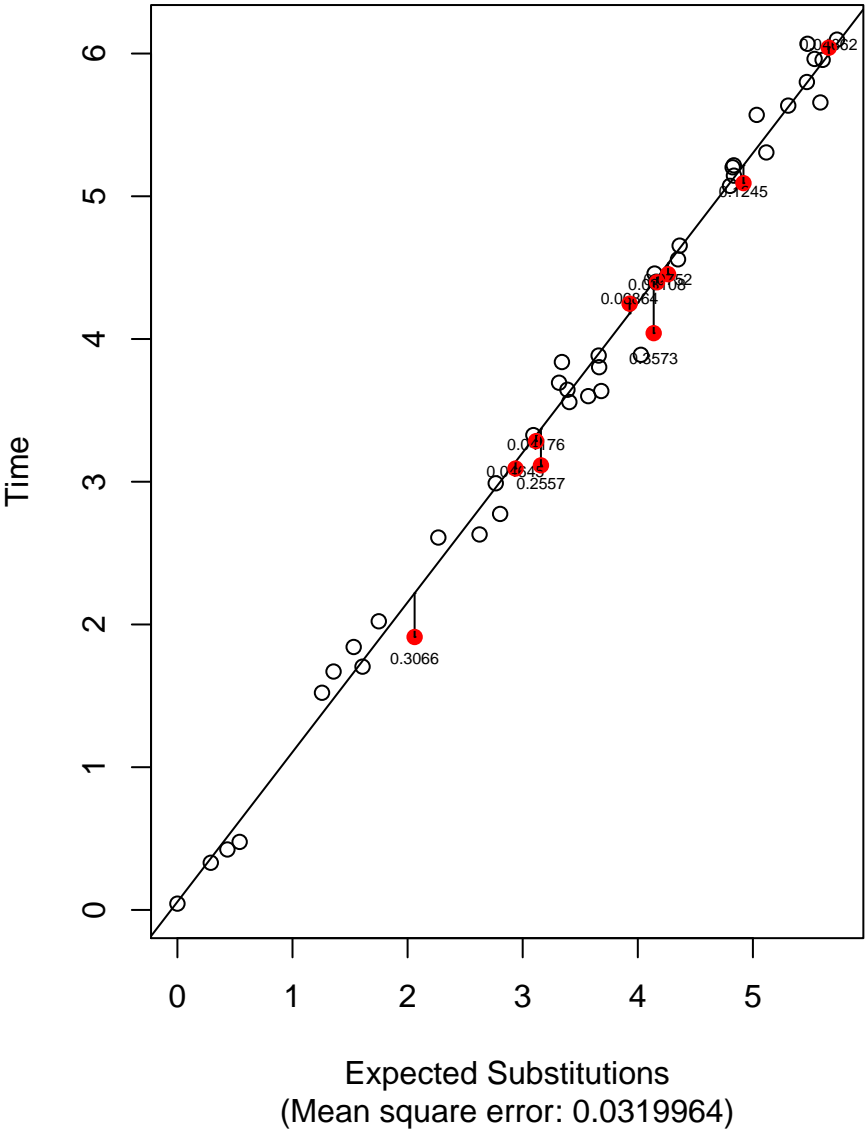
Time vs Distance



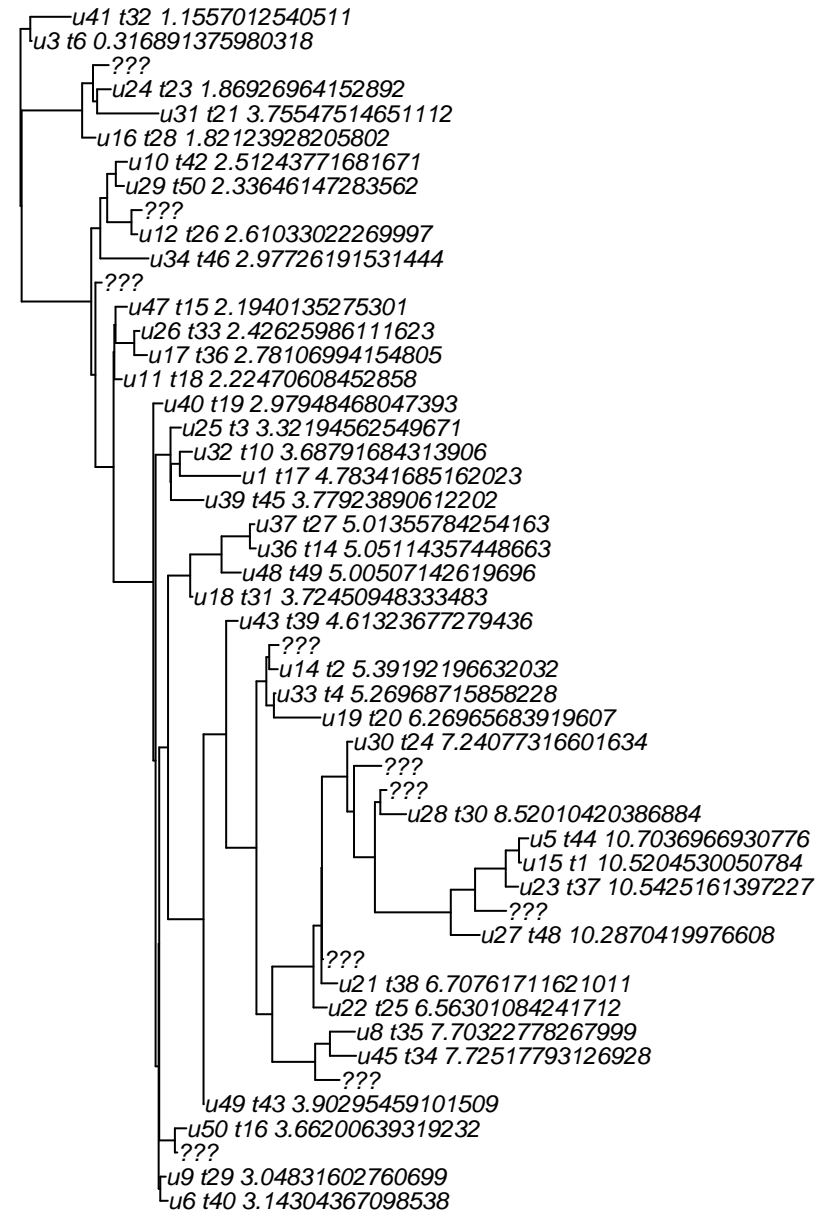
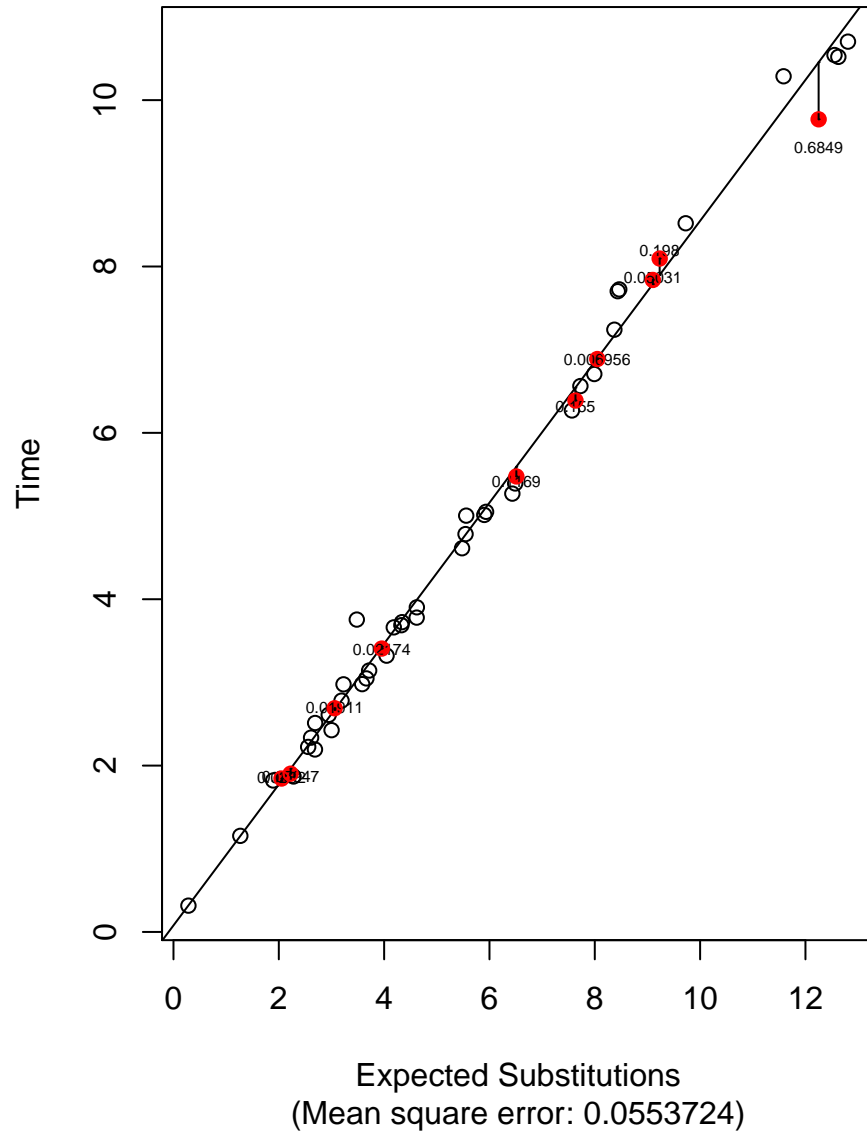
Time vs Distance



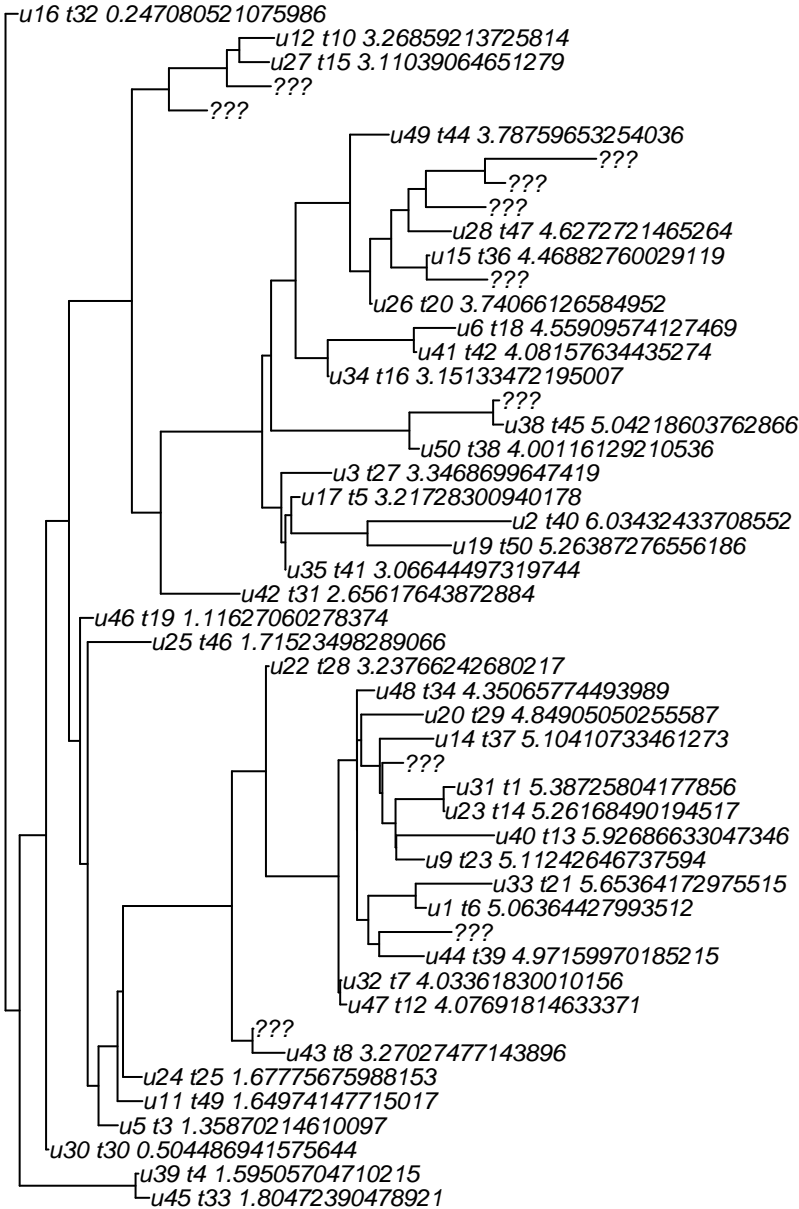
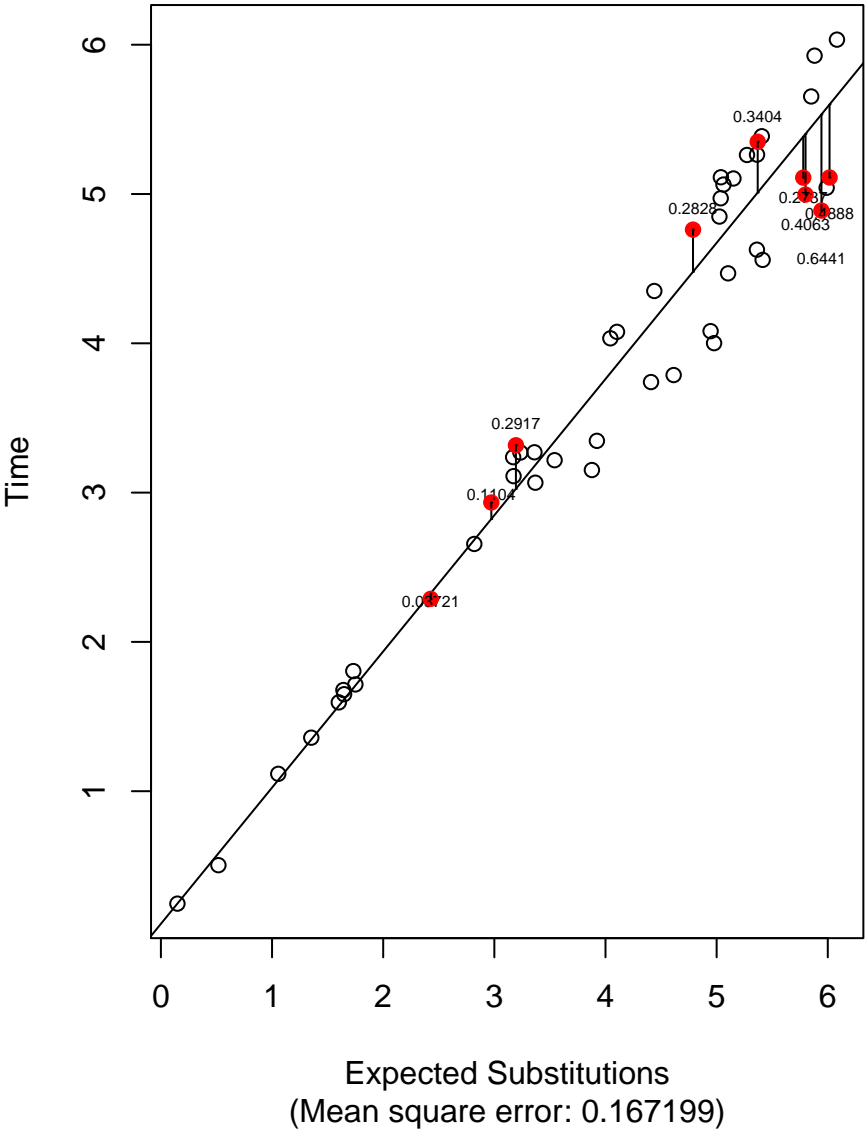
Time vs Distance

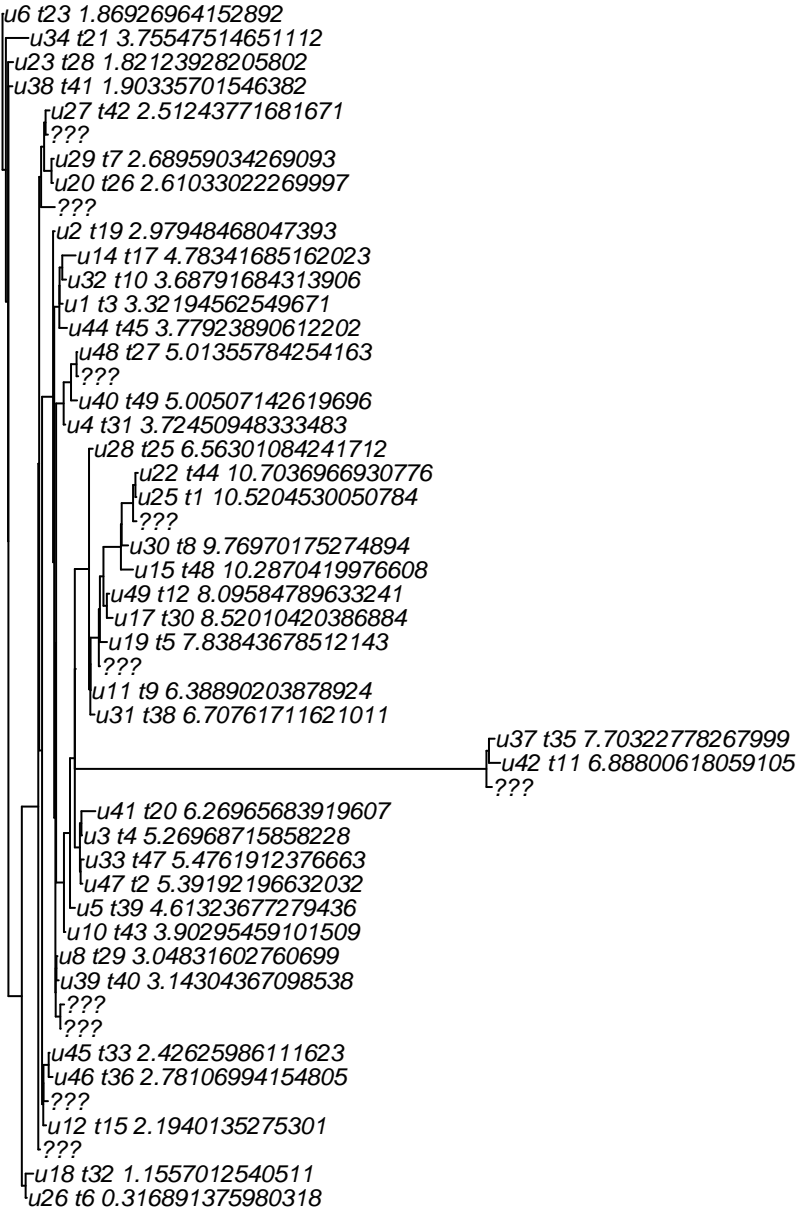
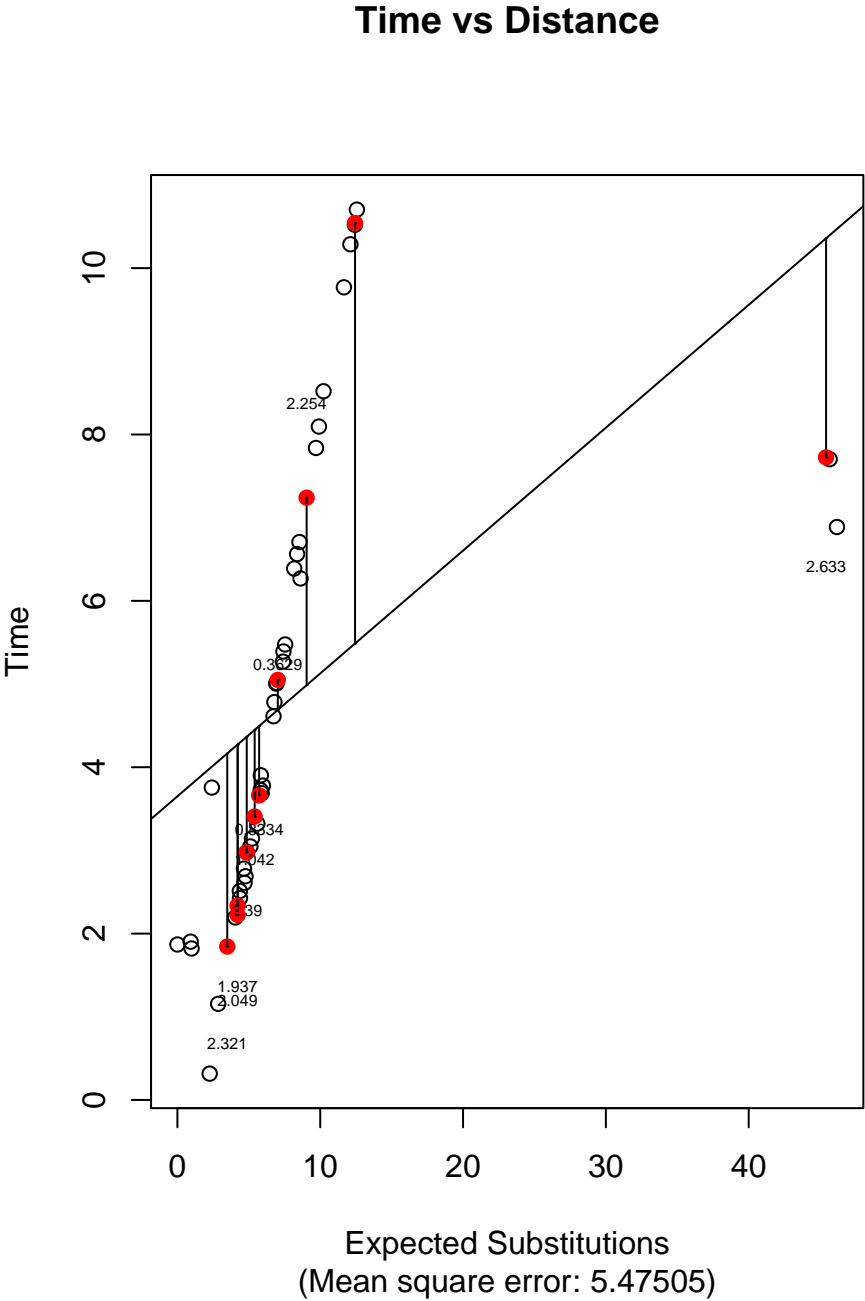


Time vs Distance



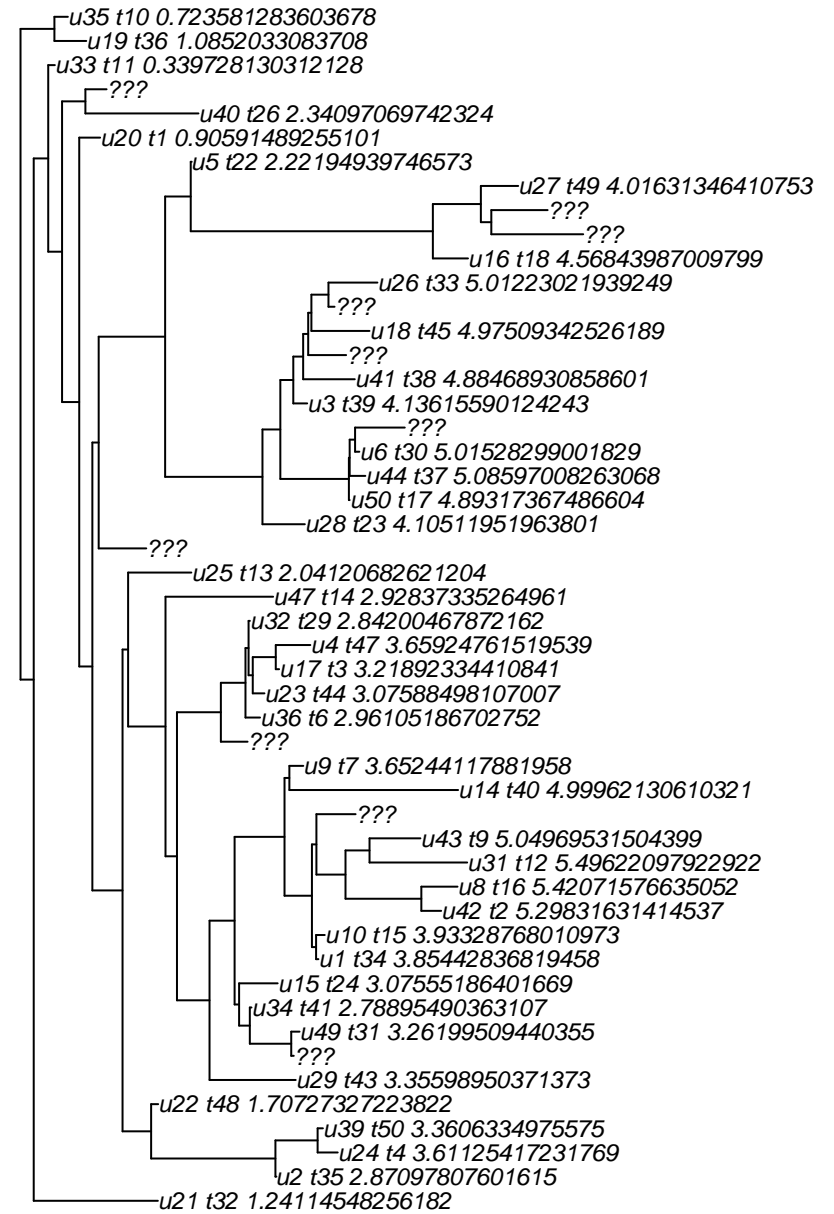
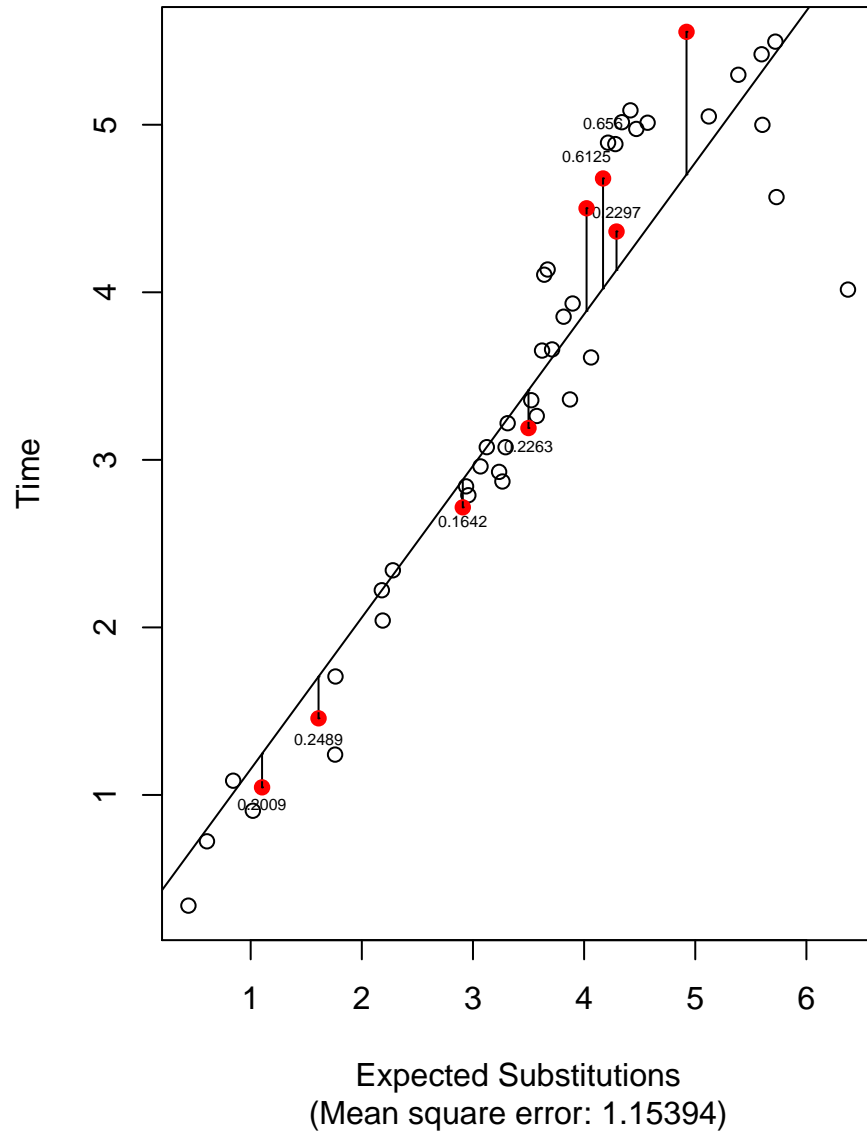
Time vs Distance





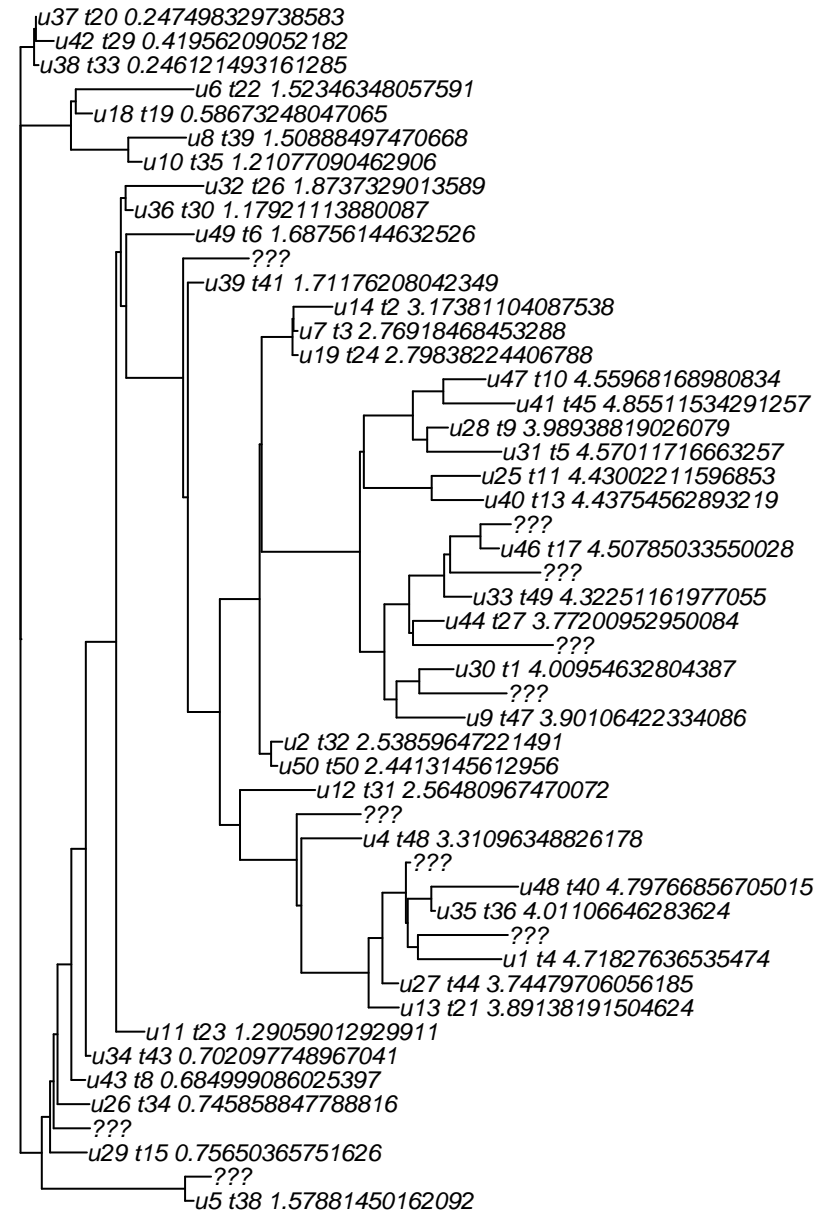
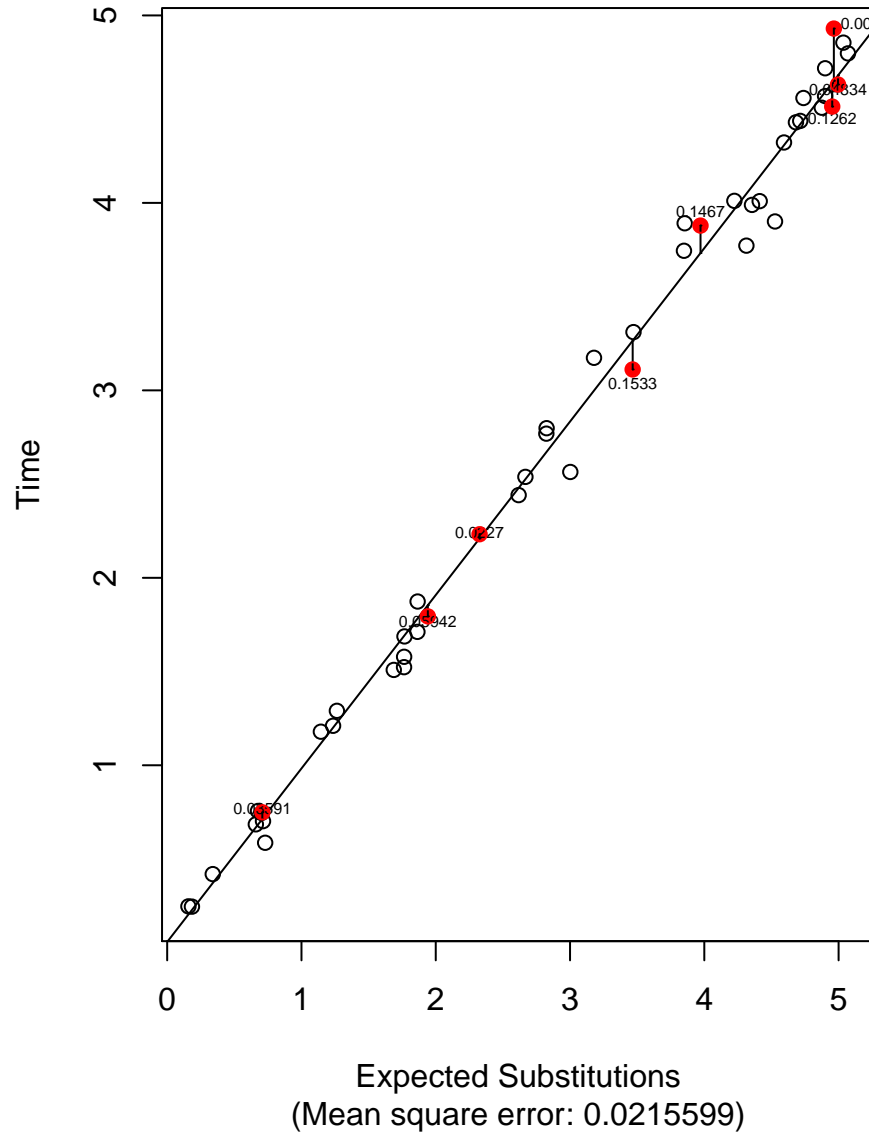
Coalescent: Simulated-no.35 (Remove 10)

Time vs Distance



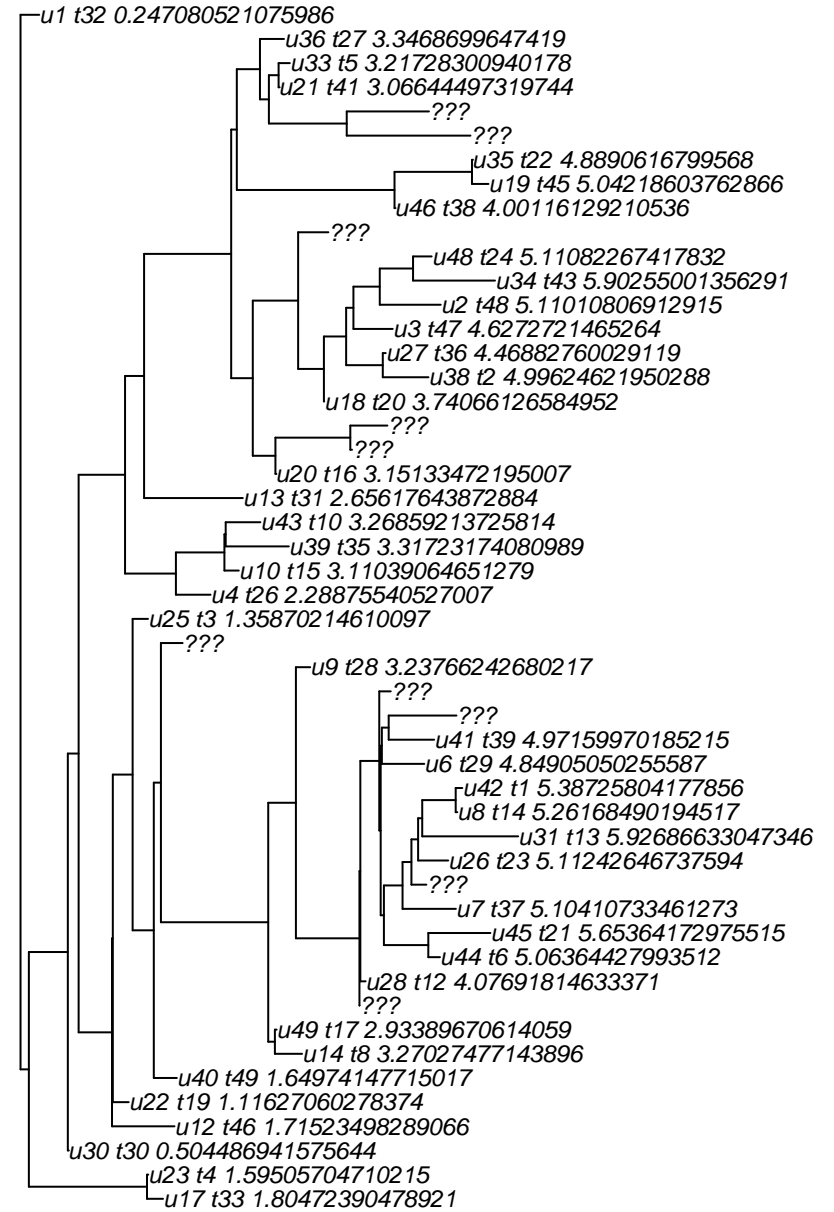
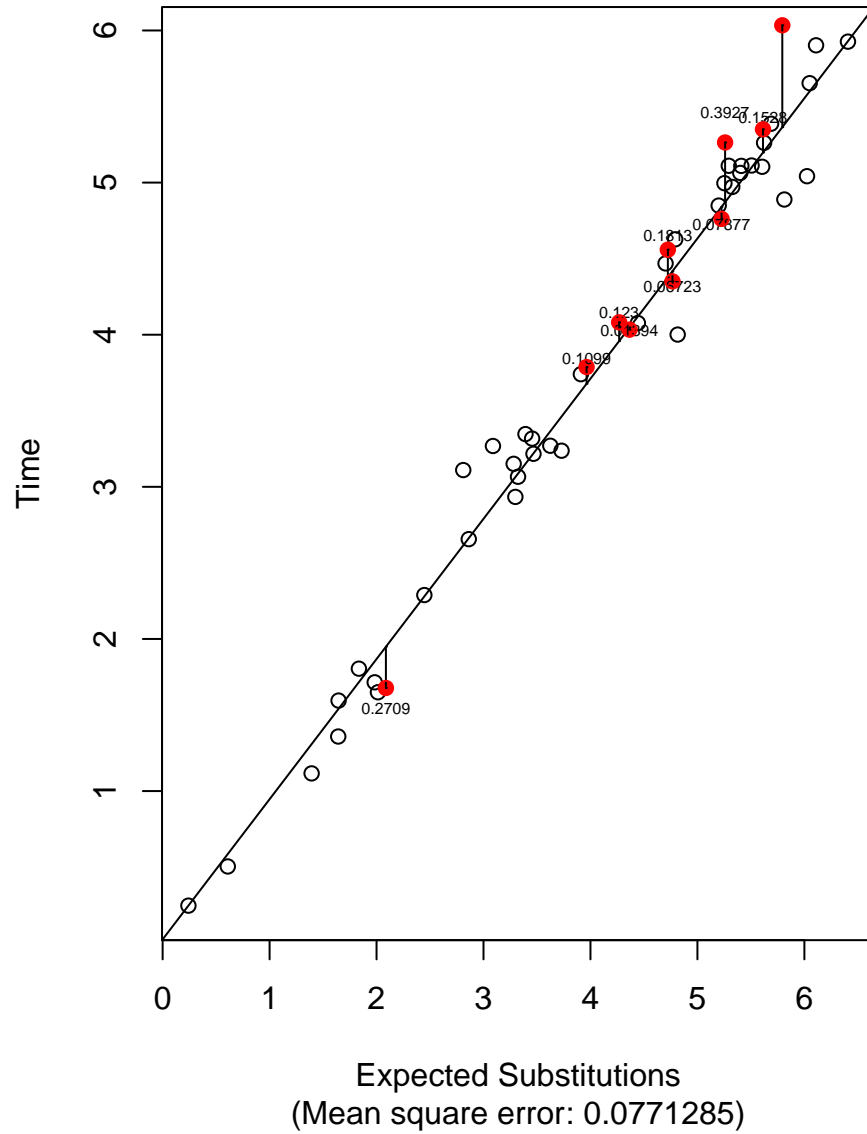
Coalescent: Simulated-no.36 (Remove 10)

Time vs Distance



Coalescent: Simulated-no.37 (Remove 10)

Time vs Distance

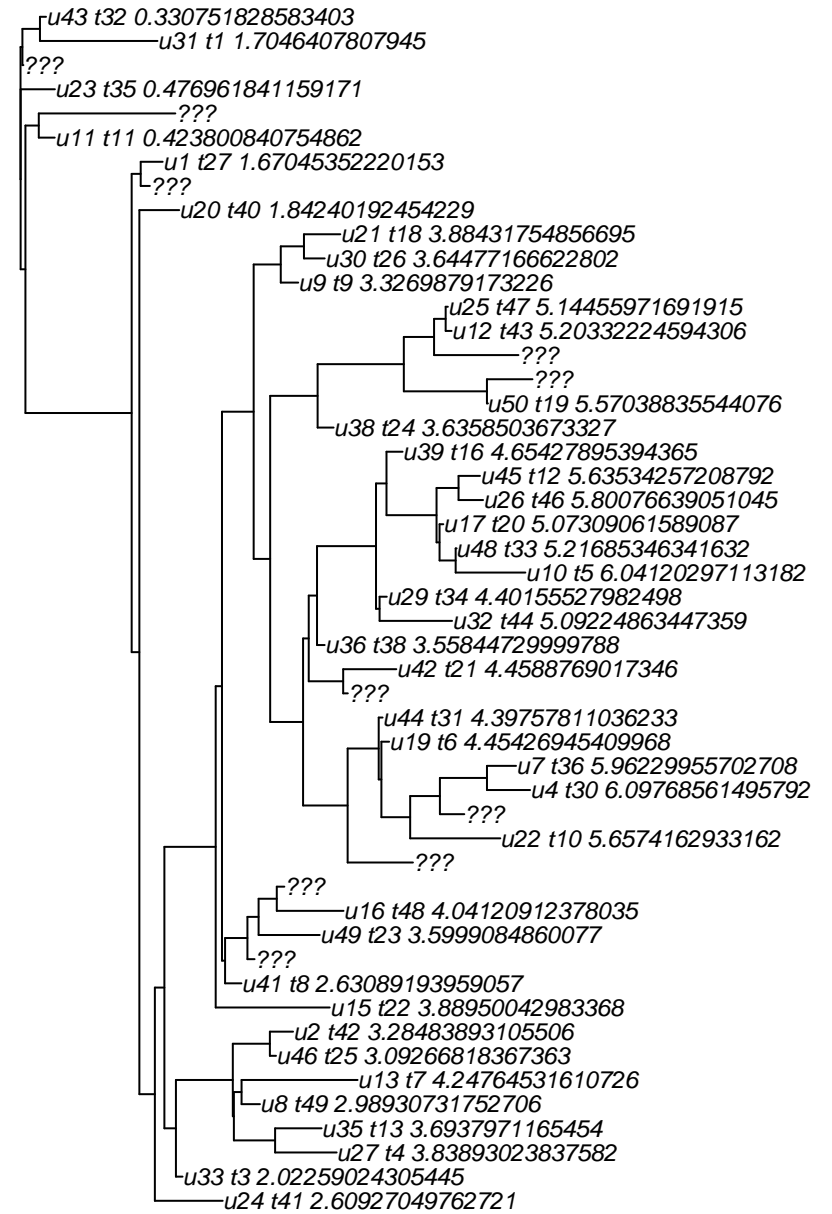
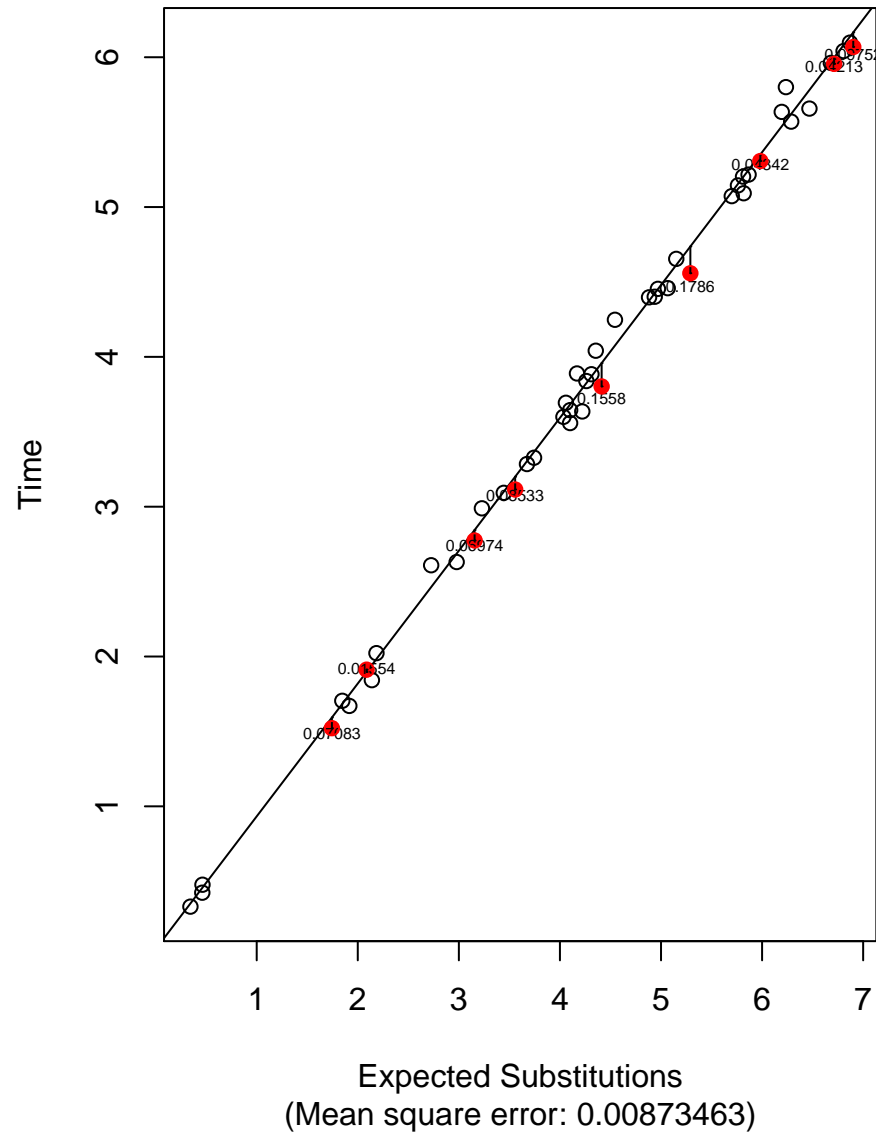


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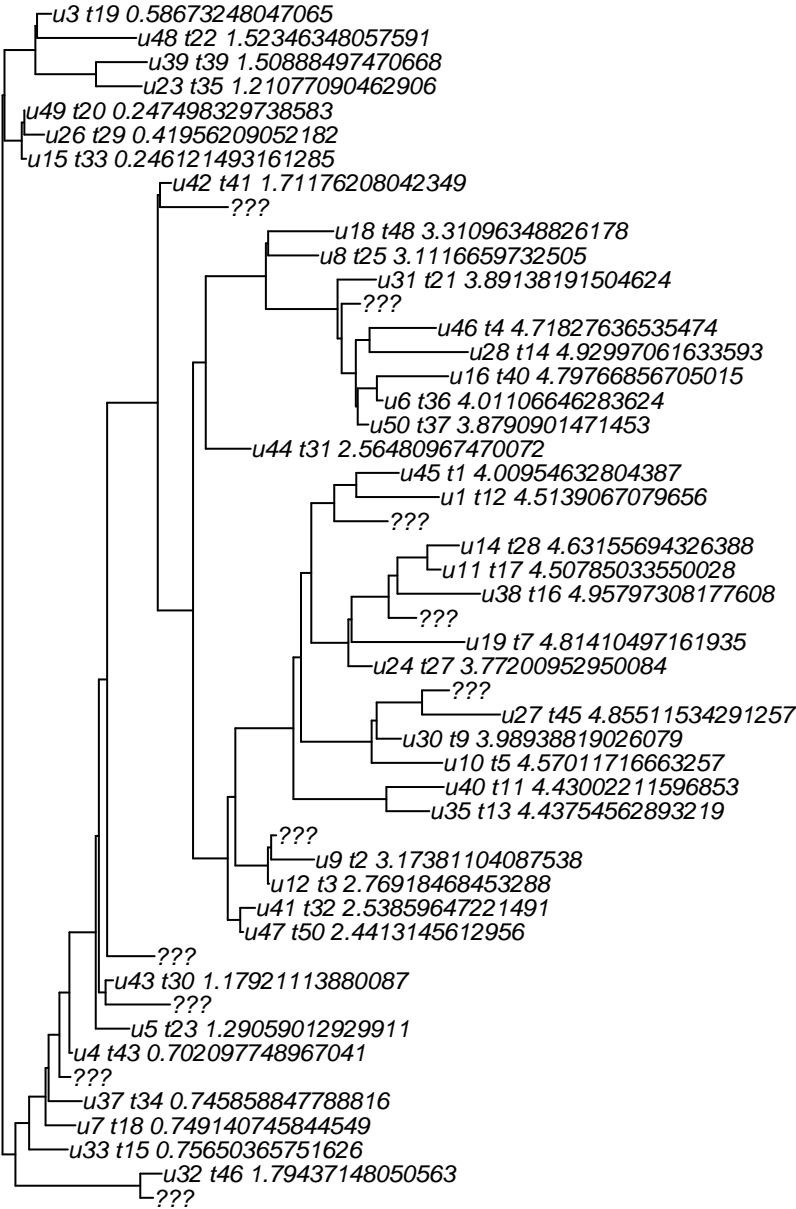
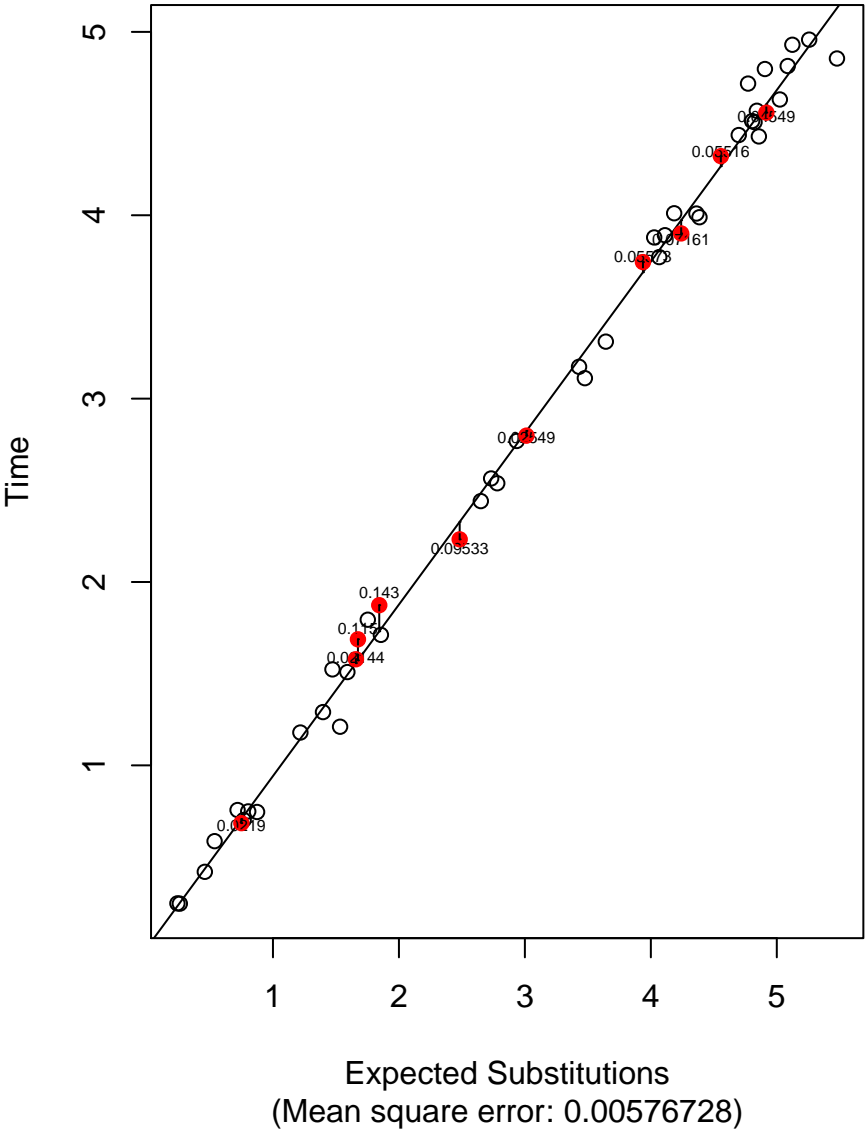


Coalescent: Simulated-no.39 (Remove 10)

Time vs Distance

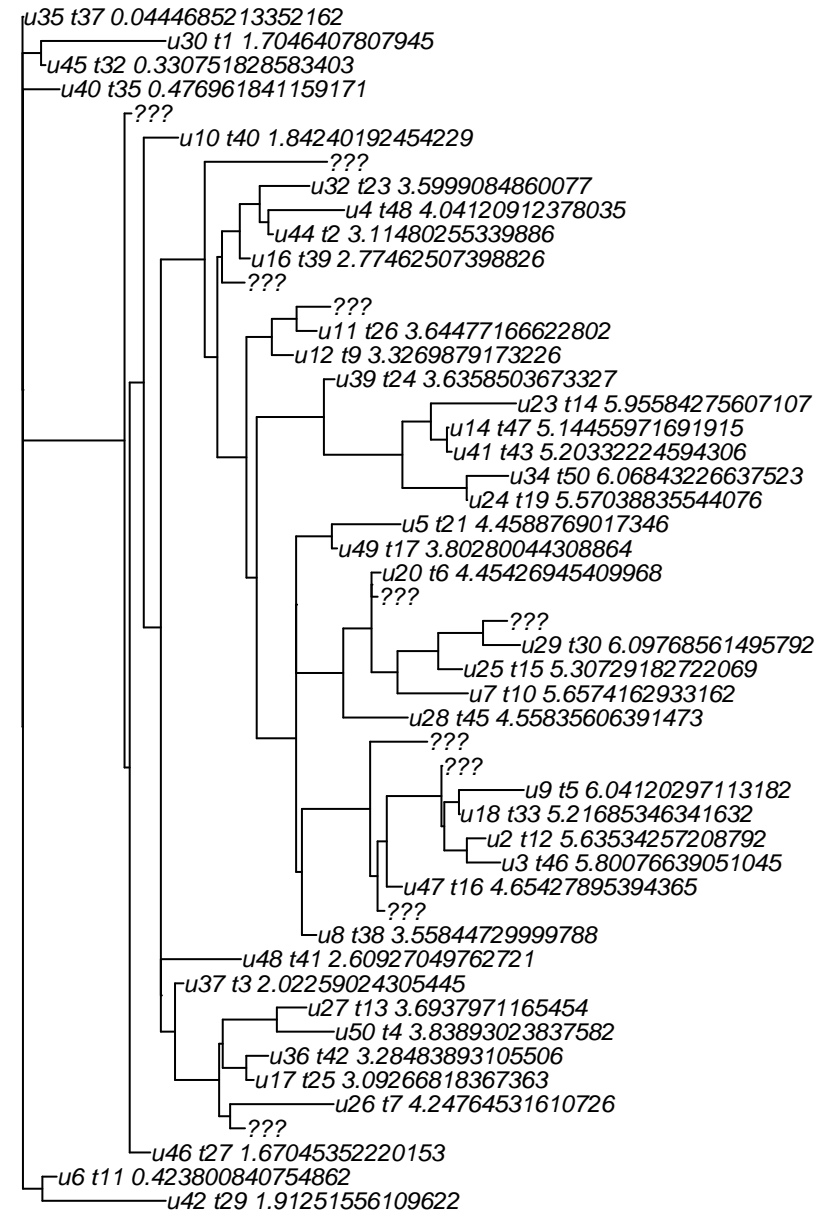
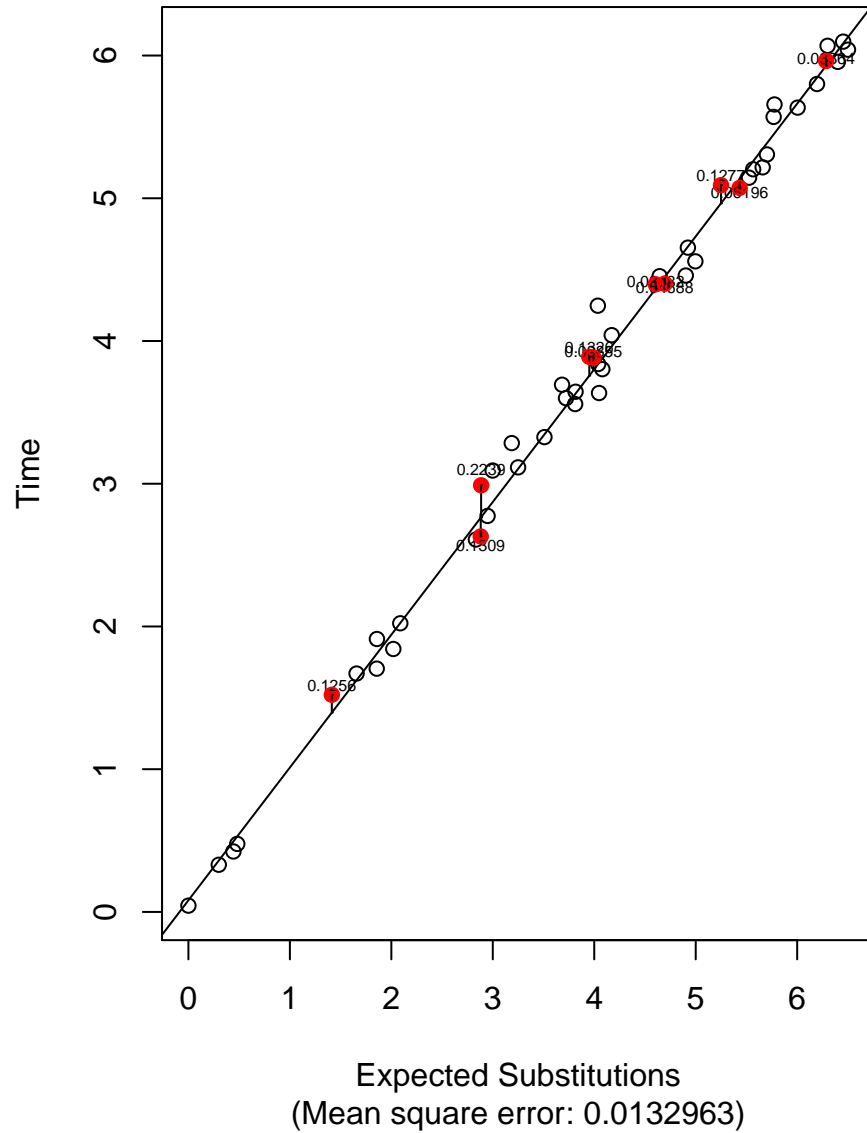


Time vs Distance

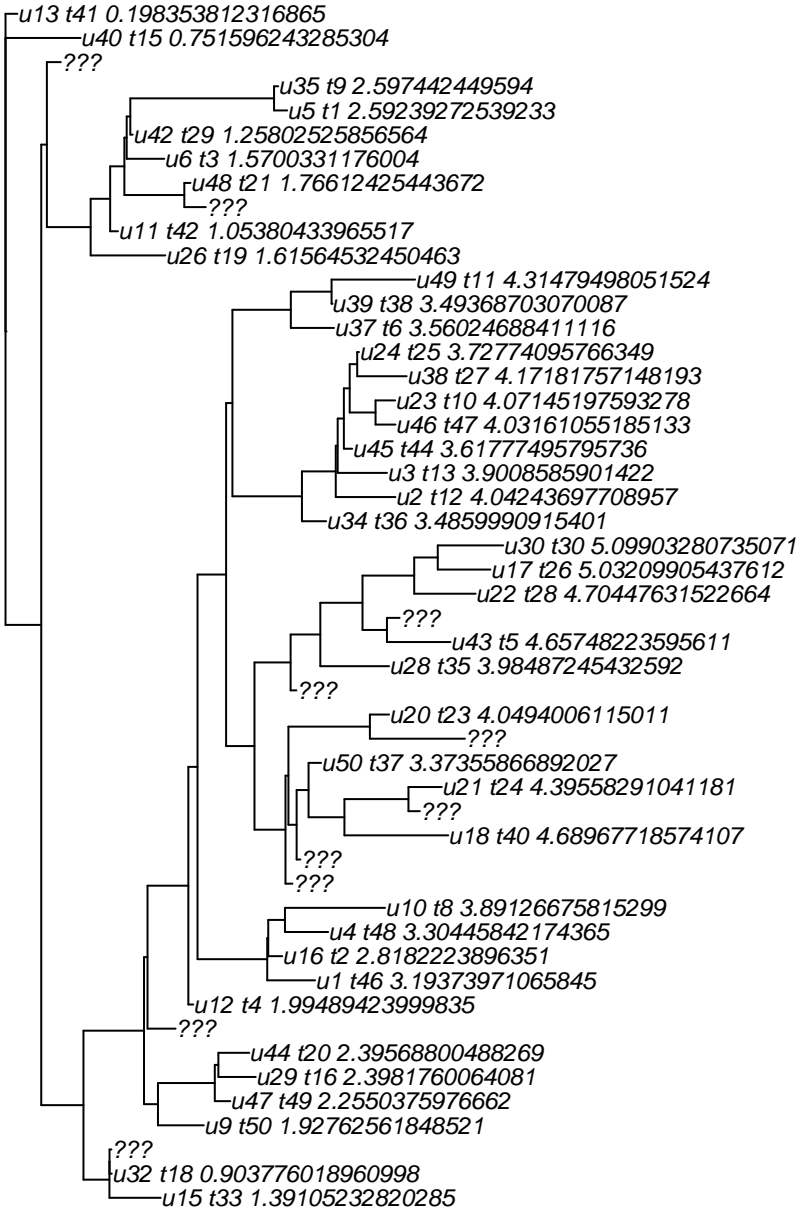
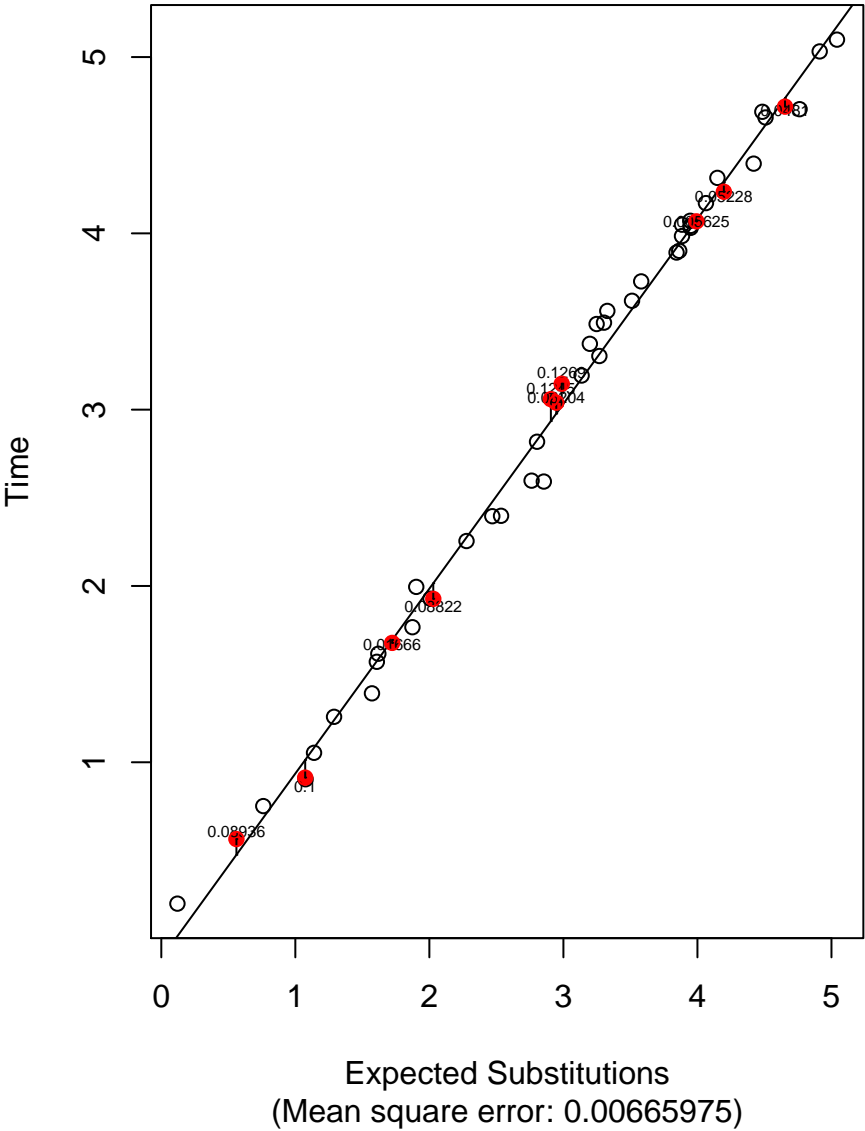


Coalescent: Simulated-no.42 (Remove 10)

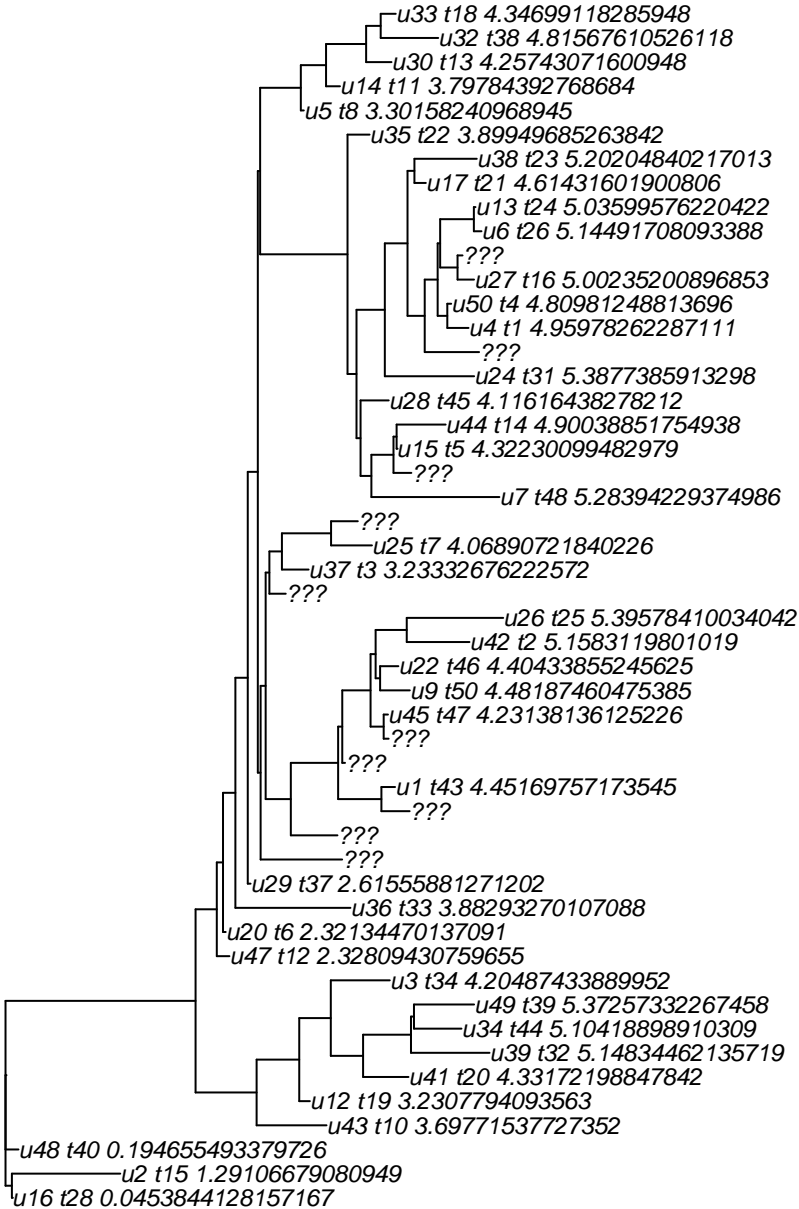
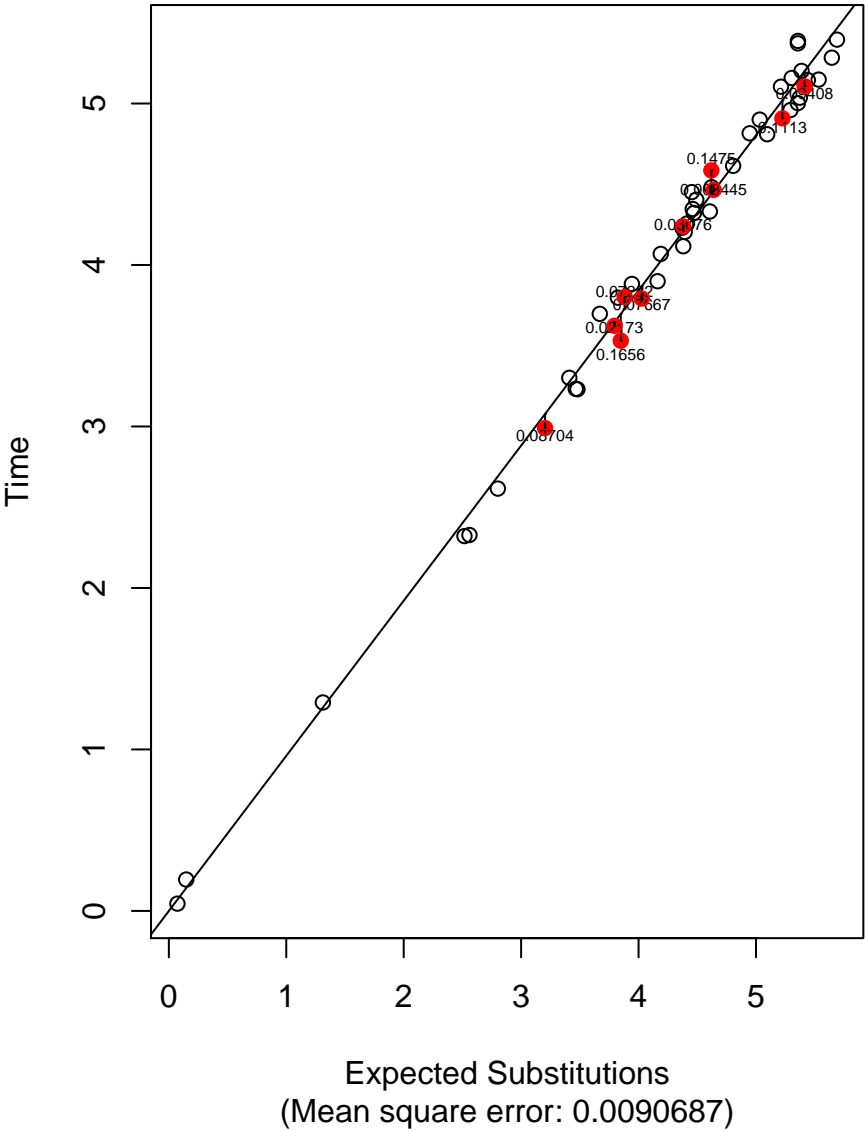
Time vs Distance



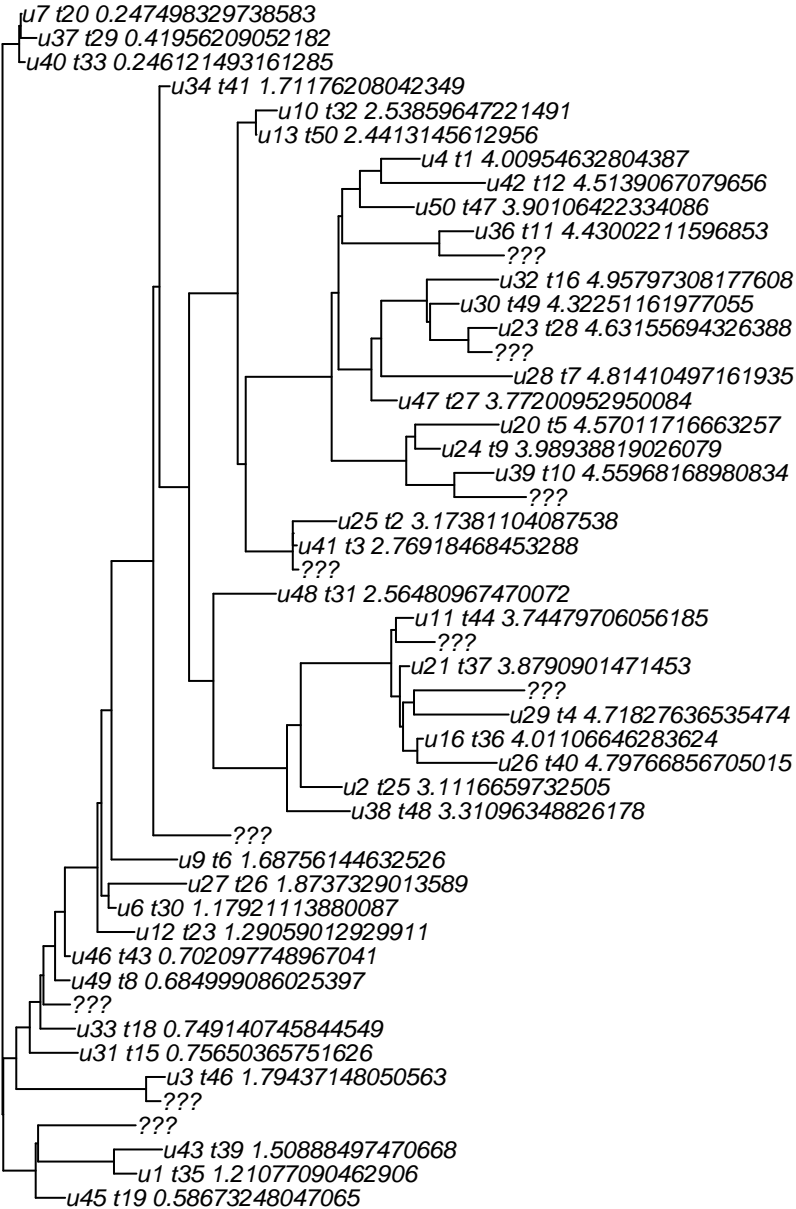
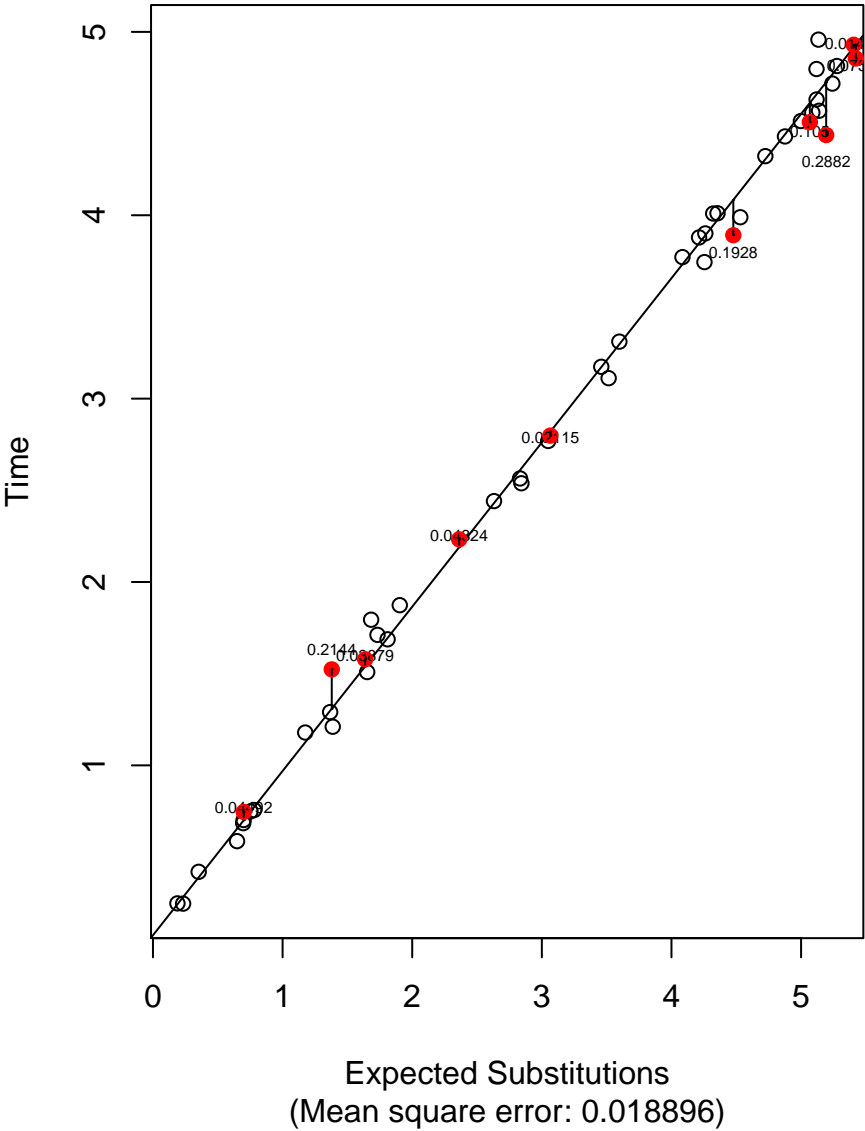
Time vs Distance



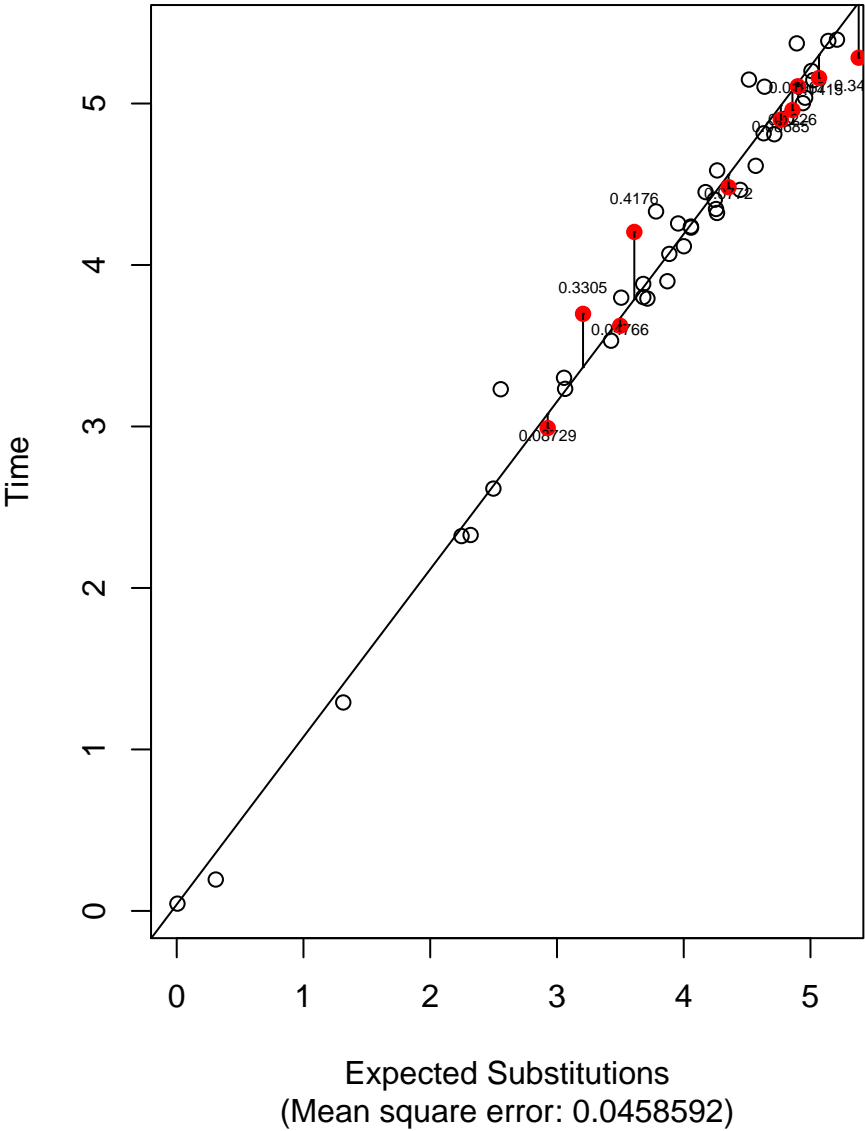
Time vs Distance



Time vs Distance

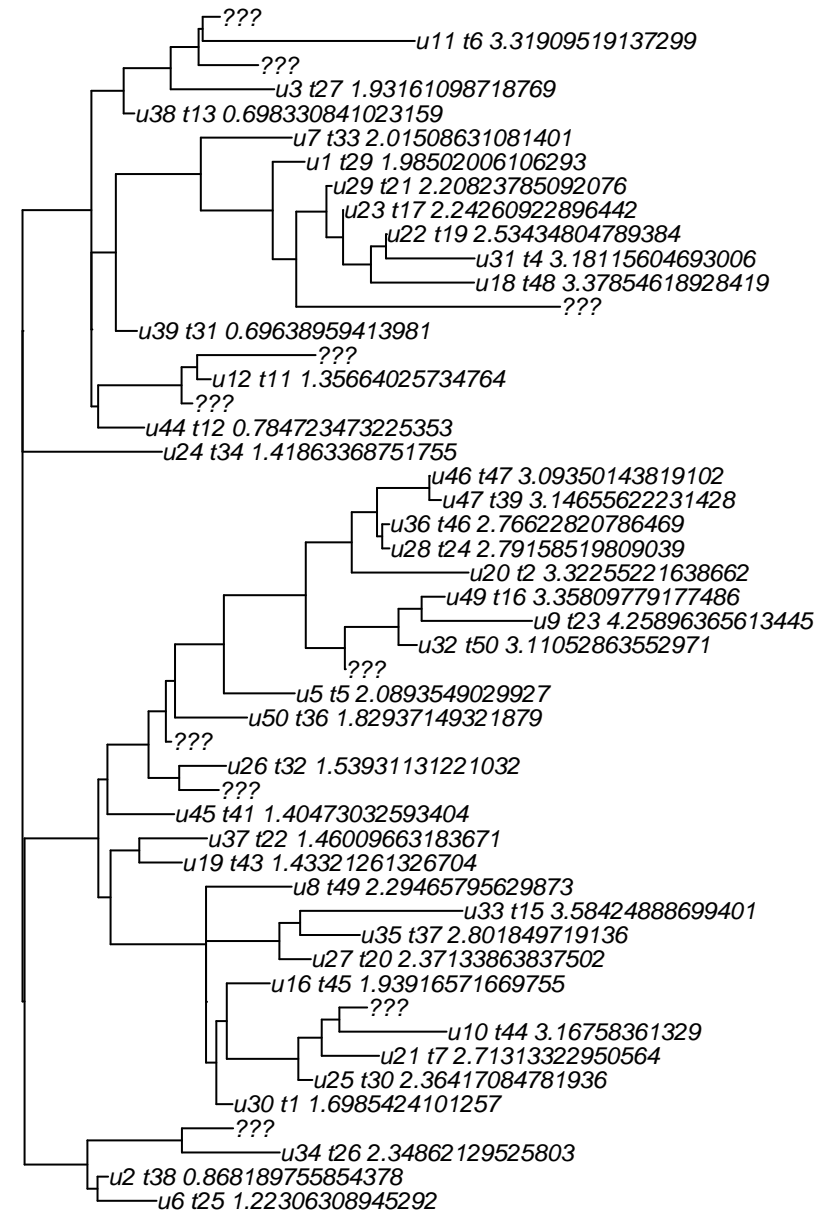
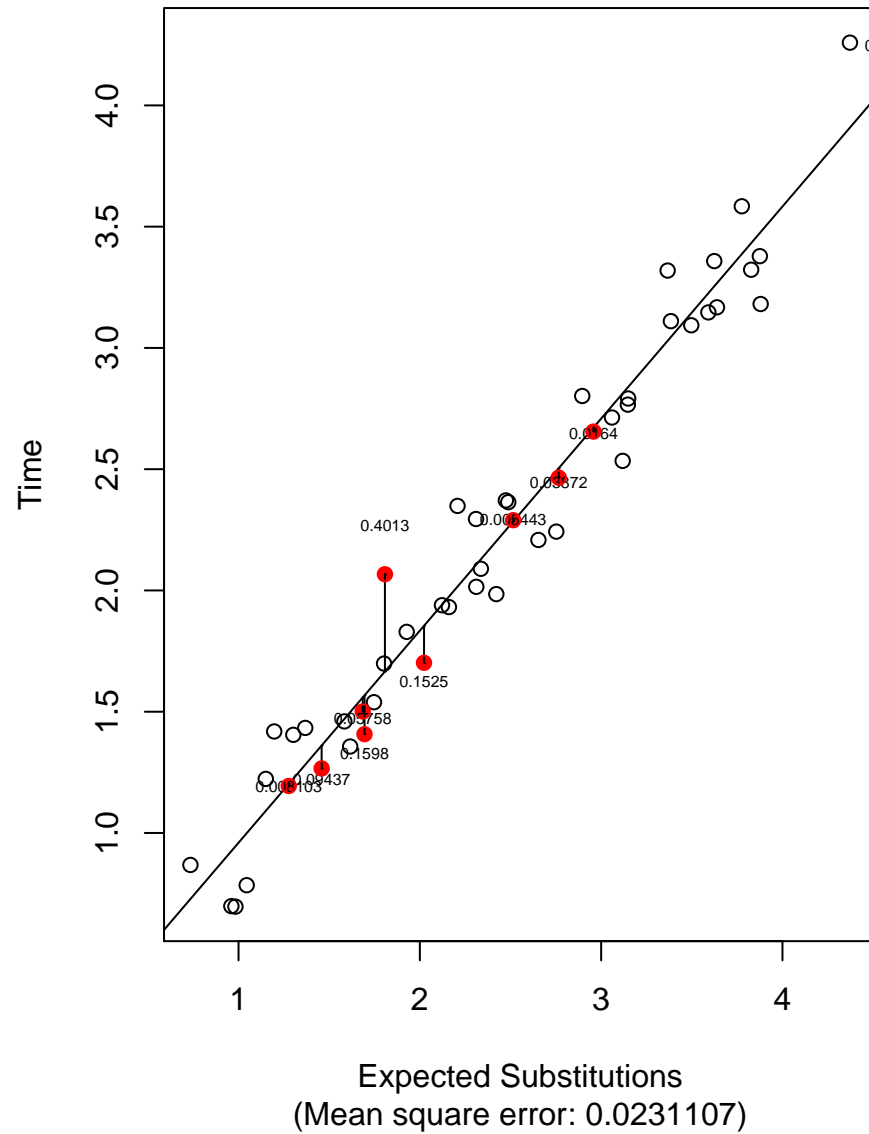


Time vs Distance



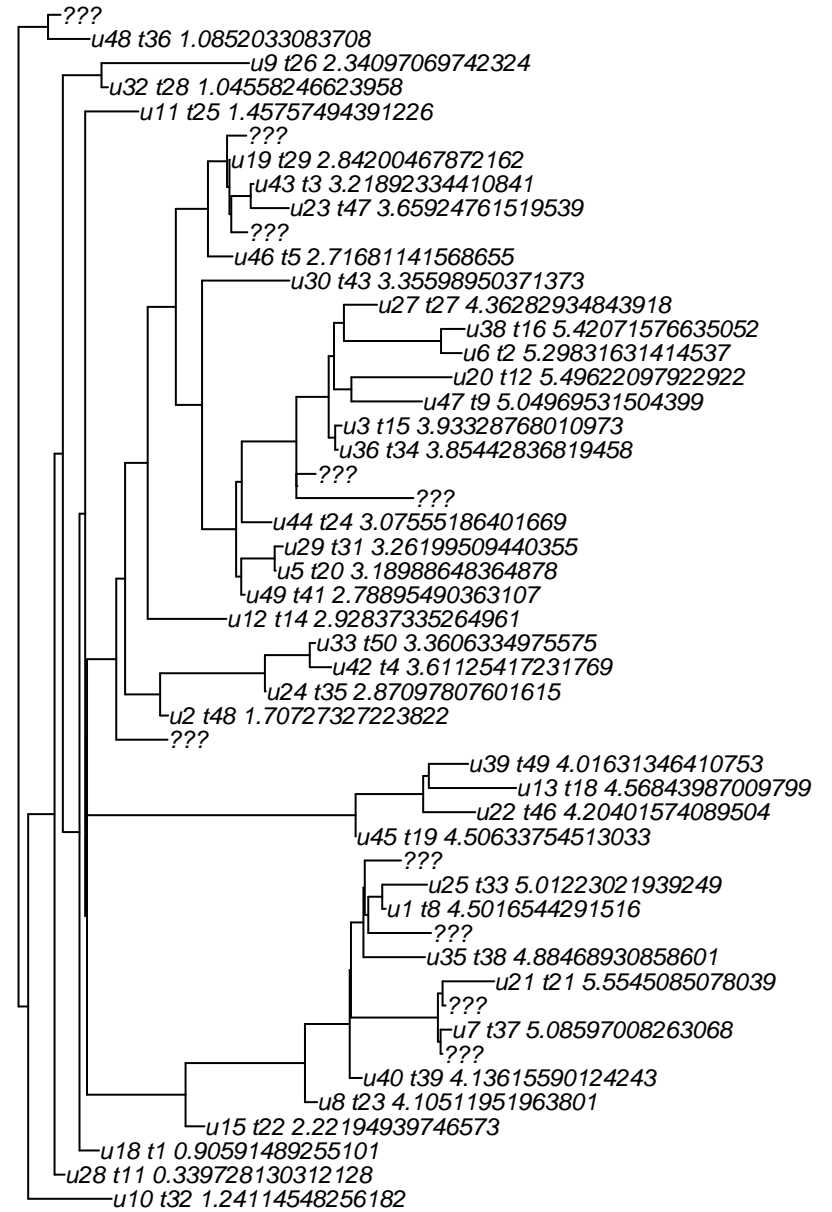
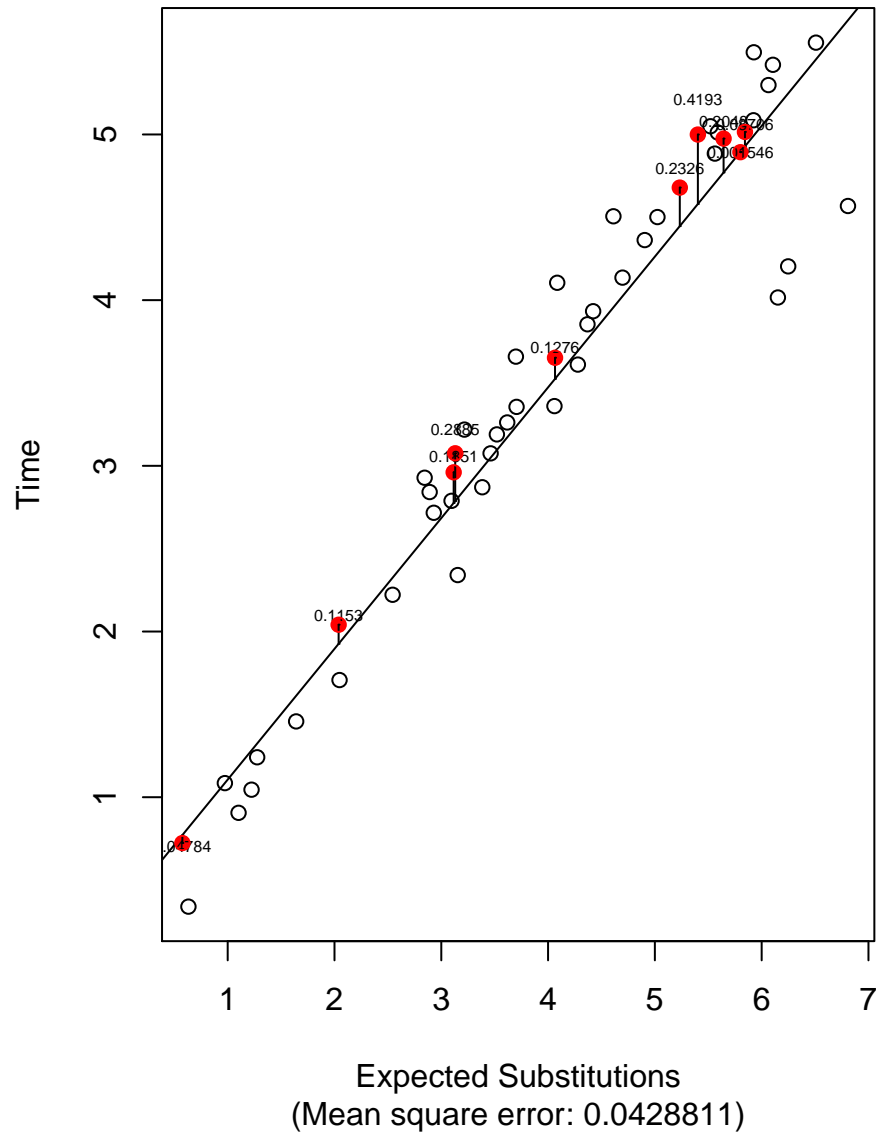
Coalescent: Simulated-no.47 (Remove 10)

Time vs Distance



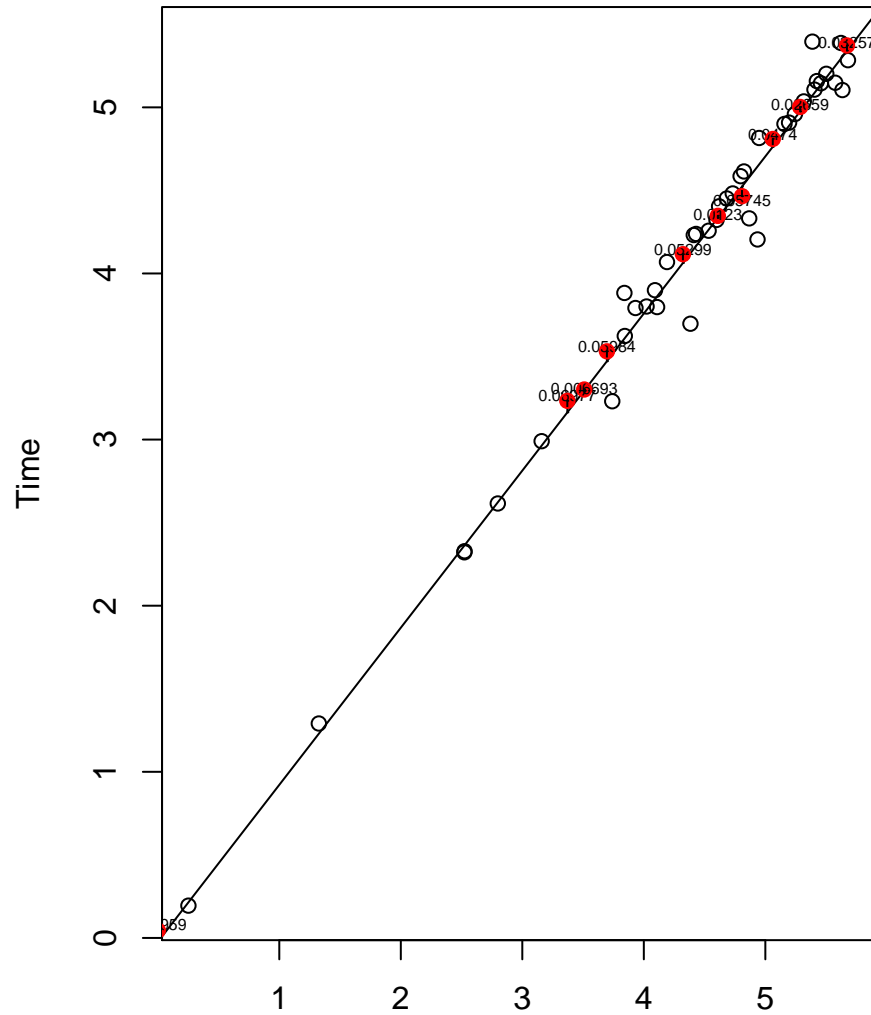
Coalescent: Simulated-no.48 (Remove 10)

Time vs Distance



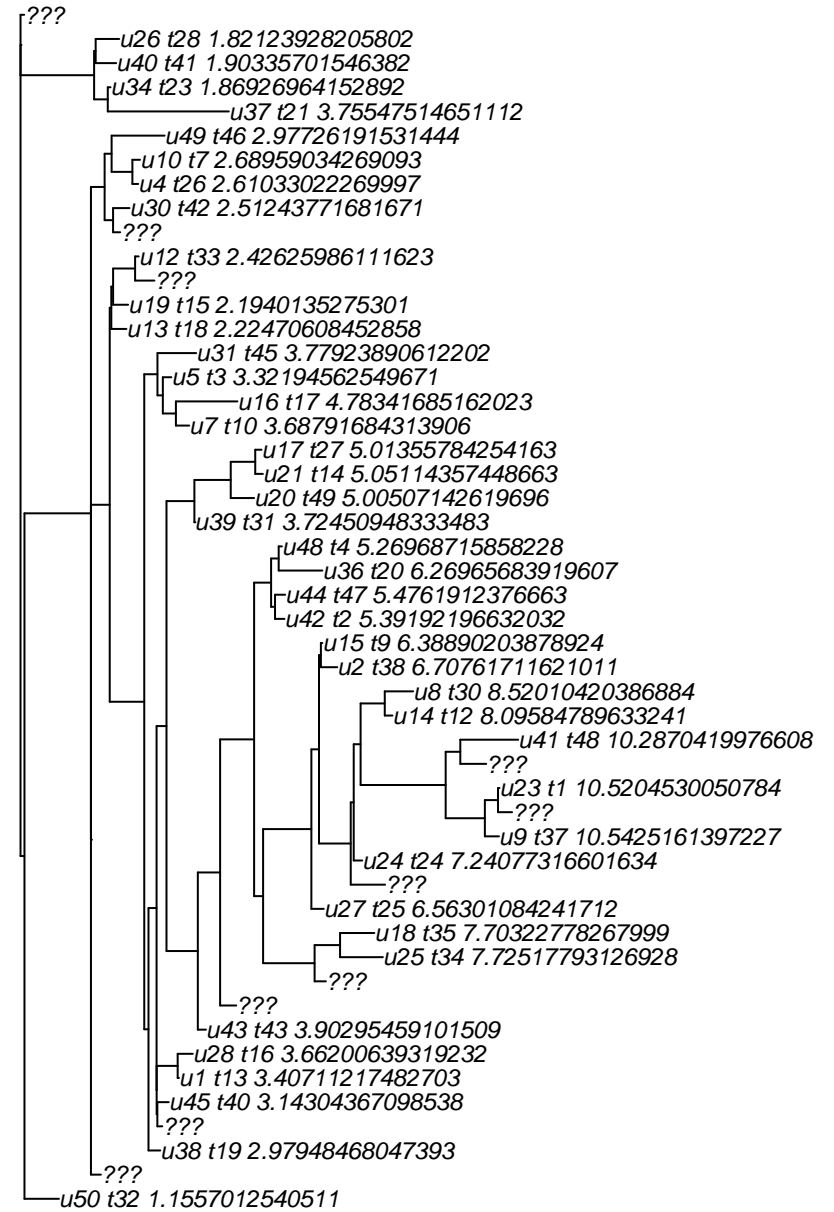
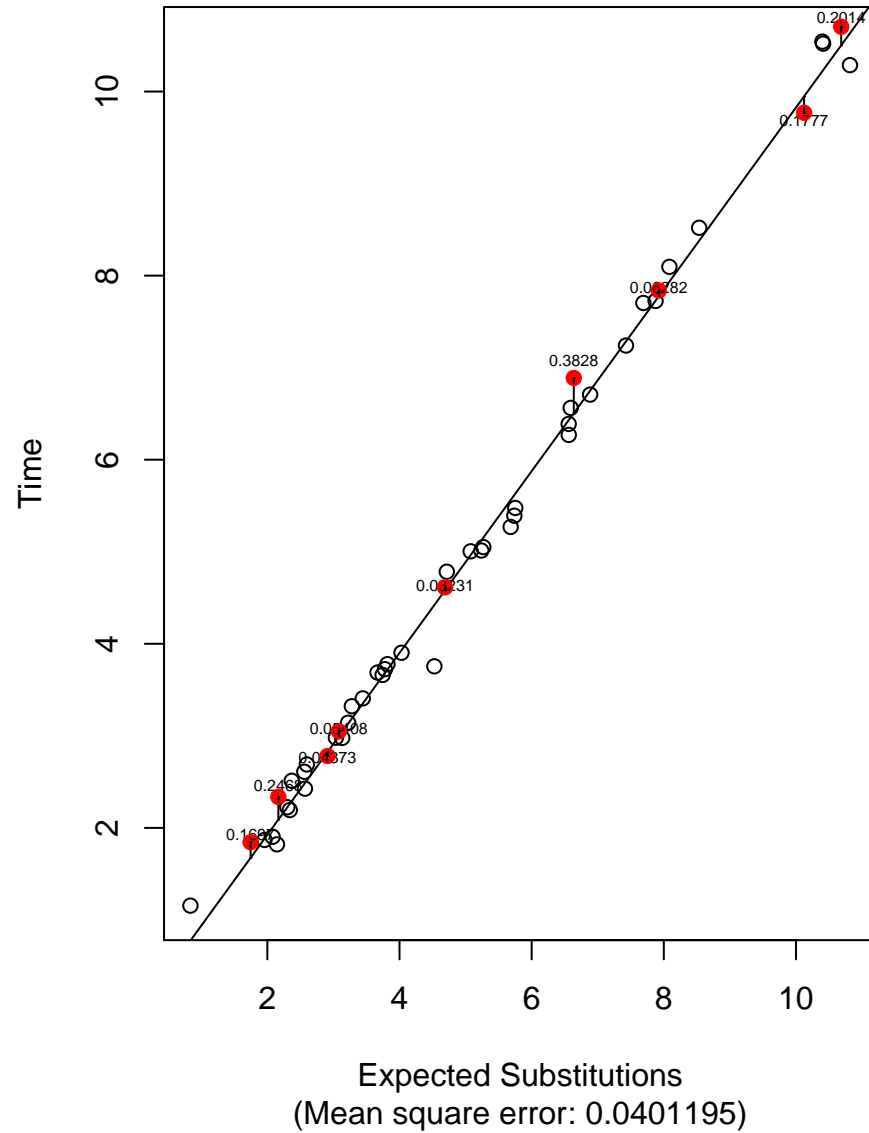
Phylogenetic tree showing relationships between various taxa labeled with 'u' and 't' followed by a number, and bootstrap values. The tree is rooted at the bottom left with a '???' label. The taxa are listed on the right side of the tree, with their corresponding bootstrap values. The tree structure is complex, with many internal nodes labeled '???' indicating uncertainty in the branching order. The taxa are grouped into several clusters, with some clusters having higher bootstrap values than others. The taxa are labeled as follows: u26 t38 4.81567610526118, u20 t13 4.25743071600948, u25 t11 3.79784392768684, u12 t9 3.7922238421357, u37 t7 4.06890721840226, u31 t27 3.80137885099444, u4 t43 4.45169757173545, u36 t17 4.58567138193237, u44 t25 5.39578410034042, u29 t2 5.1583119801019, u48 t46 4.40433855245625, u34 t50 4.48187460475385, u24 t47 4.23138136125226, u1 t30 4.23820536971162, u22 t29 3.62375405282046, u14 t35 2.99048452021521, u49 t31 5.3877385913298, u35 t23 5.20204840217013, u41 t21 4.61431601900806, u5 t24 5.03599576220422, u38 t26 5.14491708093388, u42 t42 4.90815078739284, u50 t1 4.95978262287111, u17 t36 5.10691864618009, u21 t5 4.32230099482979, u6 t14 4.90038851754938, u23 t48 5.28394229374986, u27 t22 3.89949685263842, u15 t37 2.61555881271202, u33 t33 3.88293270107088, u45 t6 2.32134470137091, u43 t12 2.32809430759655, u7 t44 5.10418898910309, u3 t32 5.14834462135719, u9 t20 4.33172198847842, u46 t34 4.20487433889952, u13 t19 3.2307794093563, u47 t10 3.69771537727352, u28 t15 1.29106679080949, u18 t40 0.194655493379726.

Expected Substitutions
(Mean square error: 0.00236107)



Coalescent: Simulated-no.50 (Remove 10)

Time vs Distance



Histogram of MSE

