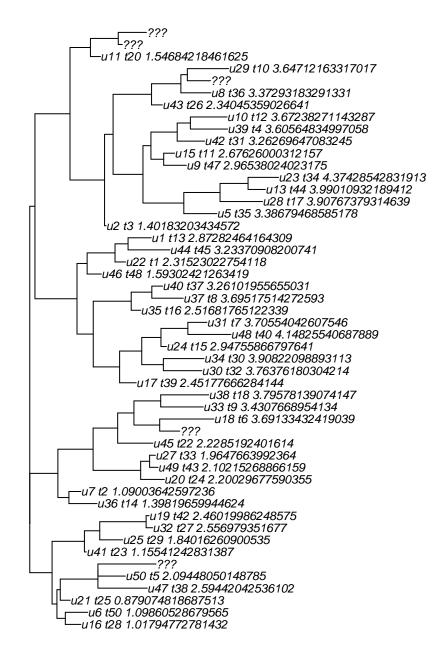
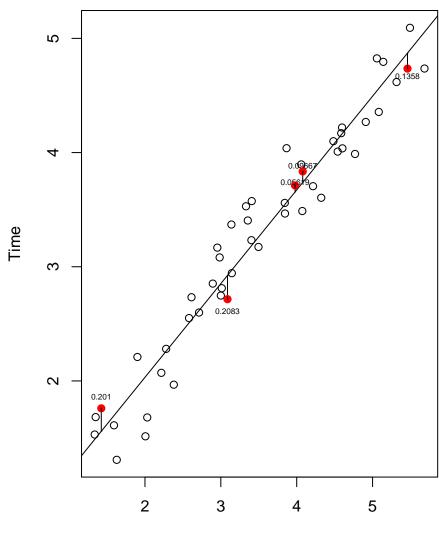


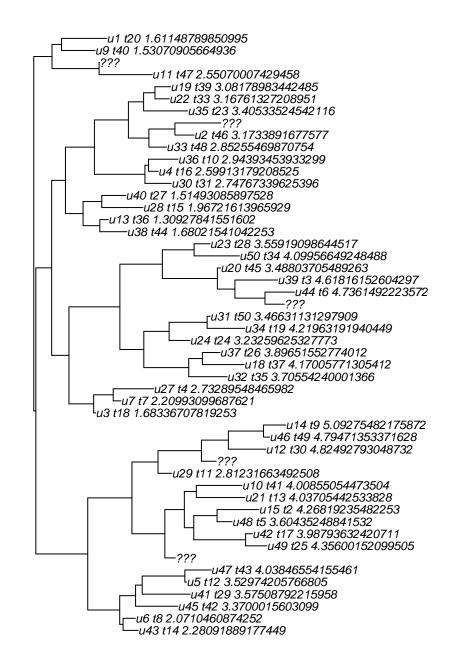
# rtree: Simulated-no.1 (Remove 5)

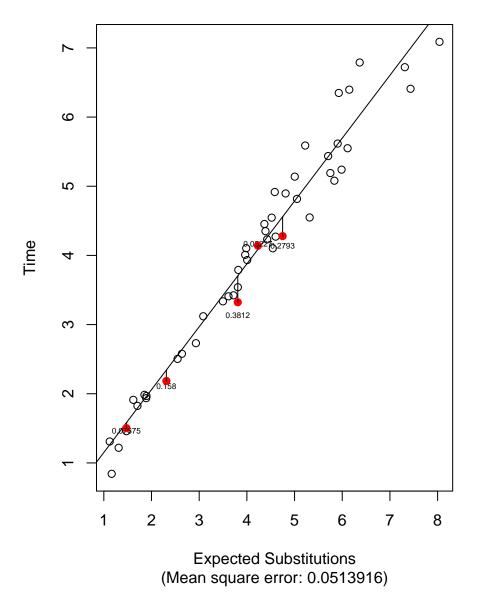




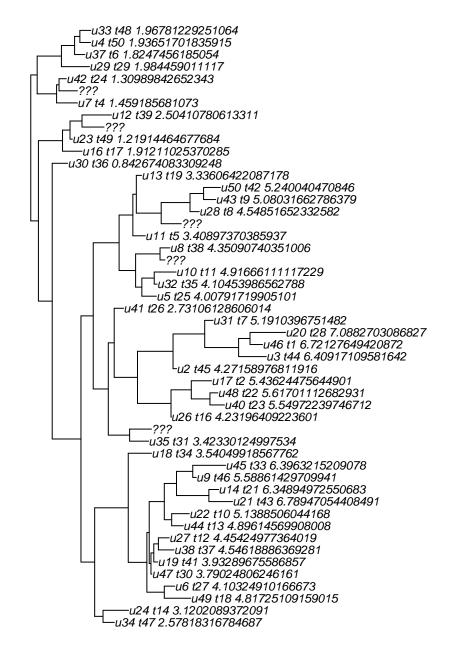
Expected Substitutions (Mean square error: 0.0229484)

### rtree: Simulated-no.2 (Remove 5)



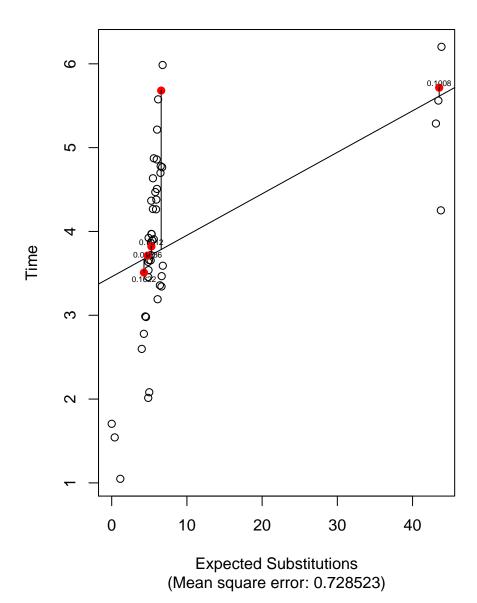


# rtree: Simulated-no.3 (Remove 5)

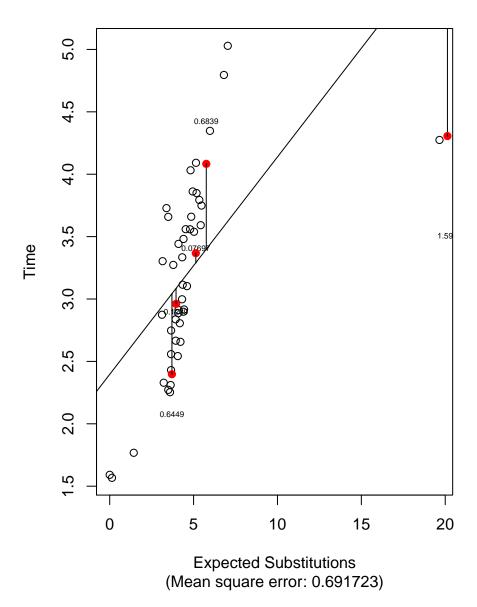


# rtree: Simulated-no.4 (Remove 5)

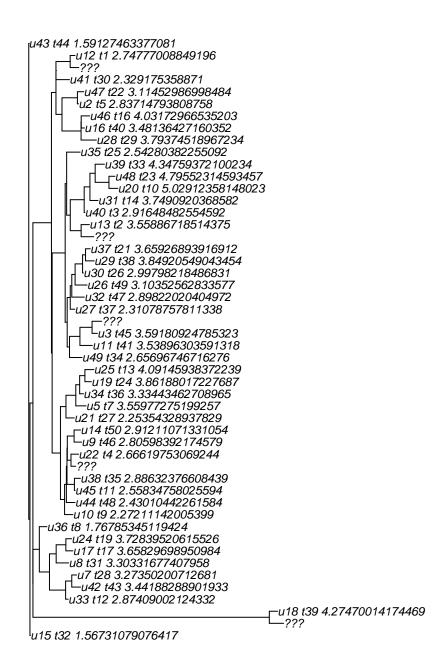
### **Time vs Distance**

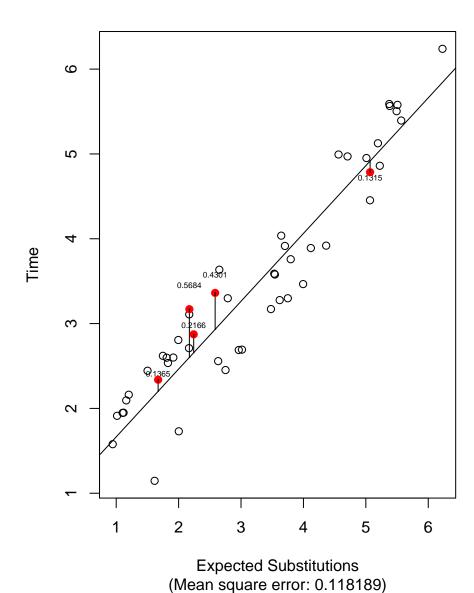


ıu19 t1 1.70529396529309 <sub>l</sub>u21 t23 1.54281542310491 ru44 t12 1.04888192261569 ru43 t14 4.6347277353052 <sup>L</sup>u45 t19 4.87288484652527 <sup>1</sup>u32 t50 5.98614788404666 <sup>L</sup>u7 t45 5.57613349473104 Lu1 t36 5.21501228865236 <sub>l</sub>u18 t43 3.92315845820121 <sup>L</sup>u25 t48 4.36704668379389 <sub>г</sub>и11 t42 3.63719738158397 <sup>L</sup>u13 t33 3.65951114683412 \_u34 t15 4.26815533195622 <sup>1</sup> Lu35 t24 4.85956441983581 ru12 t2 4.46982007869519 <sup>1</sup>u17 t37 3.97089385124855 -u42 t18 3.53851509233937 -u8 t41 2.97921355743892 \_u15 t28 4.76692846952938 -u46 t17 4.69895975571126 u48 t47 3.90701086516492 u4 t10 2.59880732675083 <sub>l</sub>u50 t16 2.77865440770984 ru39 t26 4.38005473045632 -u23 t21 4.26429843320511 <sup>L</sup>u3 t44 3.89287947909907 <sup>∏</sup>u49 t34 3.7191623817198 ıu30 t27 3.45585612184368 <sup>L</sup>u38 t35 3.86169906123541 └u24 t8 3.96869787131436 \_ru29 t13 4.77849893947132 <sup>∏</sup>u10 t5 4.50759765179828 u36 t49 3.65493186889216 lu27 t20 2.9866709546186 ги22 t4 2.08193729887716 u41 t7 3.19155366579071 Lu2 t3 3.35724727297202 ıu16 t40 3.46668526041321 Џи37 t30 3.59137369552627 <sup>L</sup>u20 t29 3.34339501452632 <sup>[1</sup>u31 t11 5.56168824341148 -u5 t9 4.25184248085134 u33 t6 5.28769955551252 <sup>1</sup>u9 t46 6.20321362512186 <sup>L</sup>u40 t32 2.01427289214917

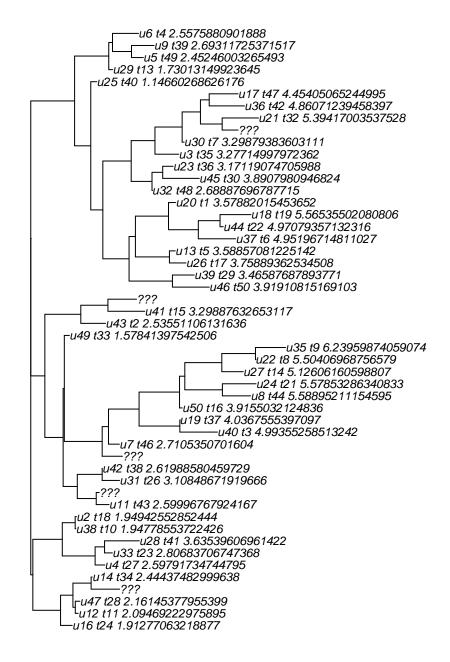


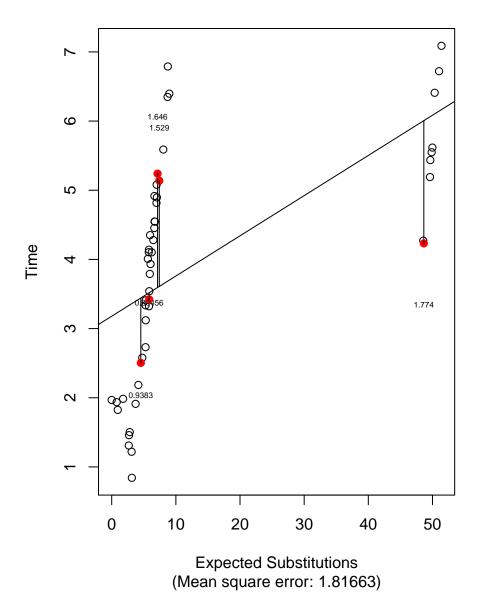
### rtree: Simulated-no.5 (Remove 5)





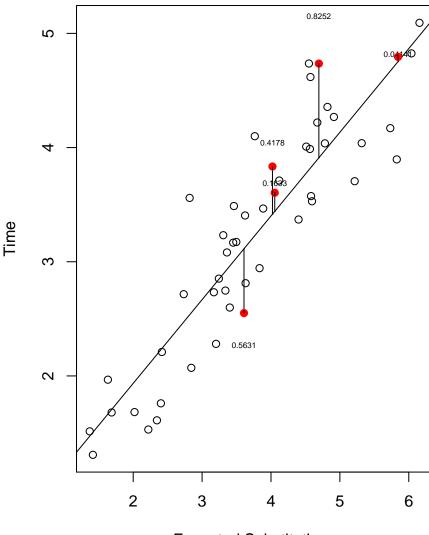
# rtree: Simulated-no.6 (Remove 5)





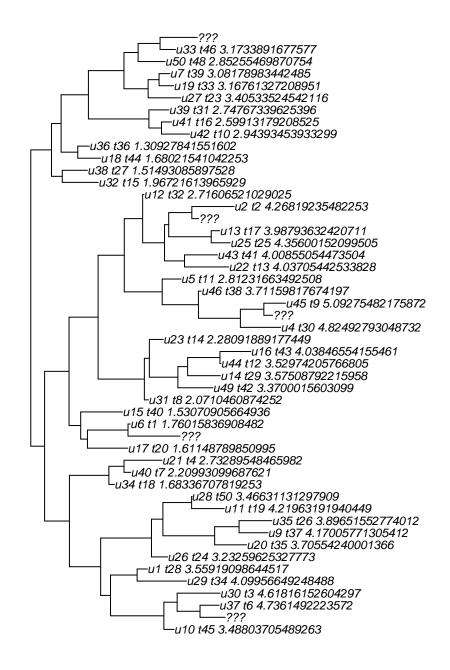
### rtree: Simulated-no.7 (Remove 5)

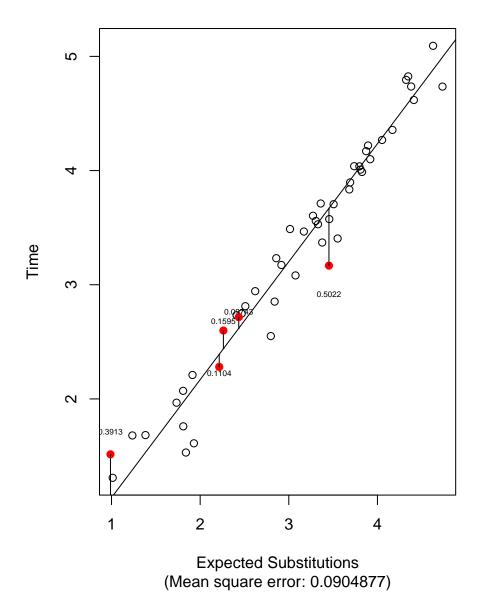
```
ıu40 t48 1.96781229251064
  ги41 t17 1.91211025370285
  nu29 t49 1.21914464677684
   <sup>1</sup>u25 t20 2.18512489576824
     ru49 t12 4.45424977364019
     <sup>⊩</sup>u30 t37 4.54618886369281
     u23 t41 3.93289675586857
      lu8 t13 4.89614569908008
       _ru44 t33 6.3963215209078
      <sup>∏</sup>u6 t46 5.58861429709941
      <sub>L</sub>u32 t21 6.34894972550683
      <sup>1</sup>u2 t43 6.78947054408491
      u10 t30 3.79024806246161
      u9 t27 4.10324910166673
      └u39 t18 4.81725109159015
     -u42 t34 3.54049918567762
     -u45 t14 3.1202089372091
    -u27 t47 2.57818316784687
    ru47 t38 4.35090740351006
    <sup>\[ \]</sup>u4 t32 4.14046138734557
    ıu1 t35 4.10453986562788
     -u21 t11 4.91666111117229
     <sup>L</sup>u20 t25 4.00791719905101
      ги16 t9 5.08031662786379
      <sup>L</sup>u46 t8 4.54851652332582
      -u43 t3 4.27934153121896
     <sub>1</sub>u33 t19 3.33606422087178
     <sup>l</sup>u35 t5 3.40897370385937
    ги12 t15 3.3227993438486
    <sup>L</sup>u7 t26 2.73106128606014
                                                 <sub>L</sub>u28 t1 6.72127649420872
                                                 <sup>L</sup>u19 t28 7.0882703086827
                                                 <sup>L</sup>u50 t44 6.40917109581642
                                                <sup>L</sup>u38 t7 5.1910396751482
                                               <sup>l</sup>u14 t45 4.27158976811916
                                                _u3 t22 5.61701112682931
                                                <sup>∏</sup>u18 t23 5.54972239746712
                                                Lu34 t2 5.43624475644901
   ·u15 t36 0.842674083309248
  ru24 t24 1.30989842652343
 -u5 t40 1.50360155617818
 <sup>L</sup>u31 t4 1.459185681073
-u36 t29 1.984459011117
u37 t6 1.8247456185054
<sup>L</sup>u13 t50 1.93651701835915
```



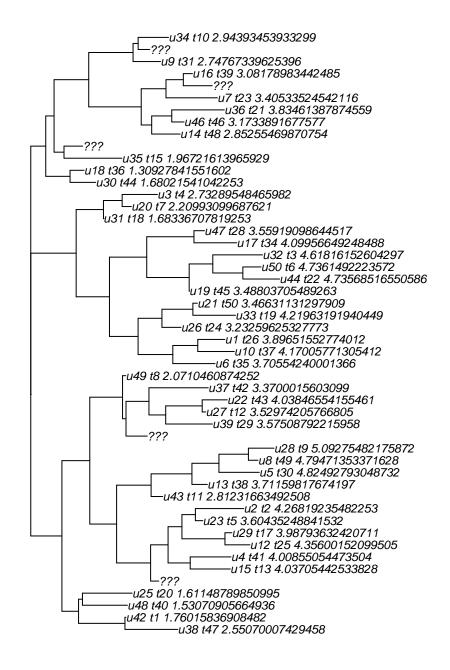
Expected Substitutions (Mean square error: 0.240192)

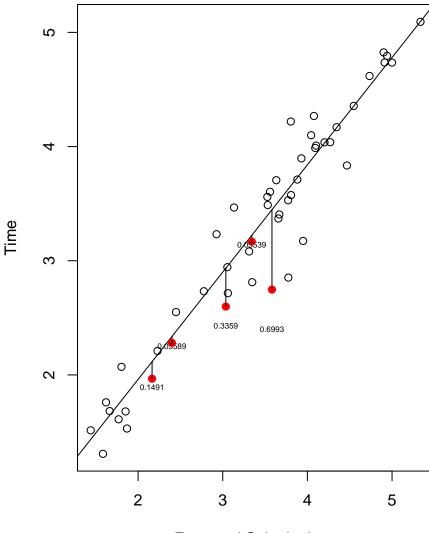
### rtree: Simulated-no.8 (Remove 5)





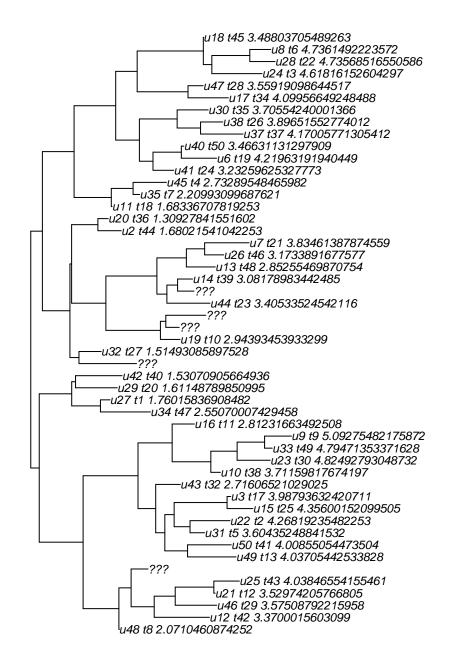
rtree: Simulated-no.9 (Remove 5)

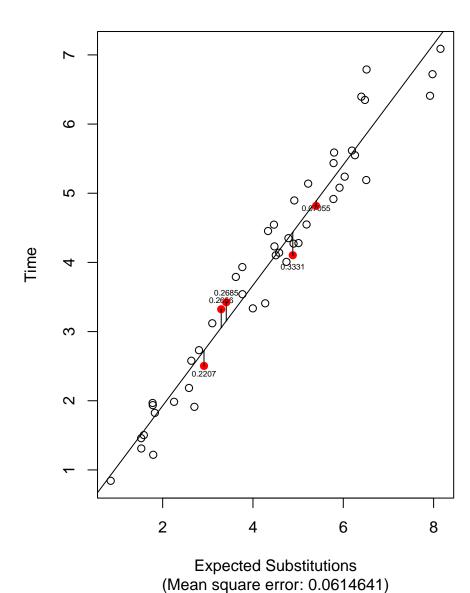




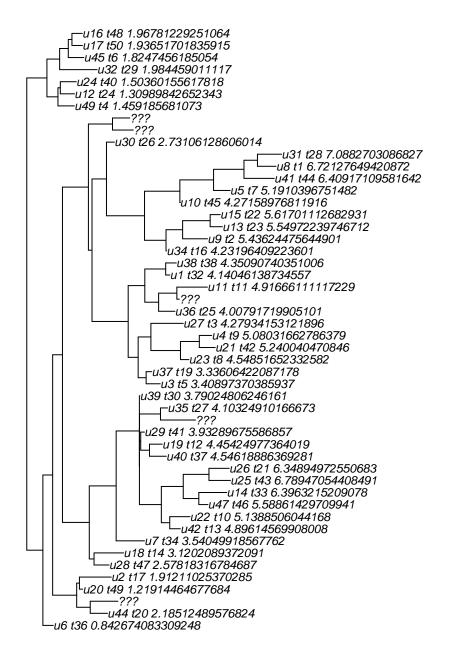
Expected Substitutions (Mean square error: 0.126055)

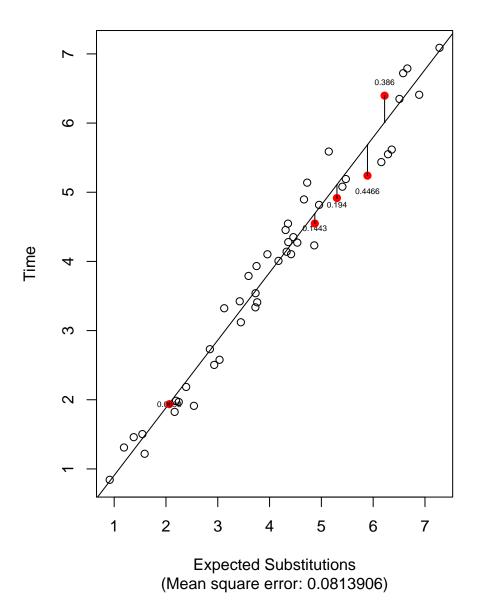
### rtree: Simulated-no.10 (Remove 5)



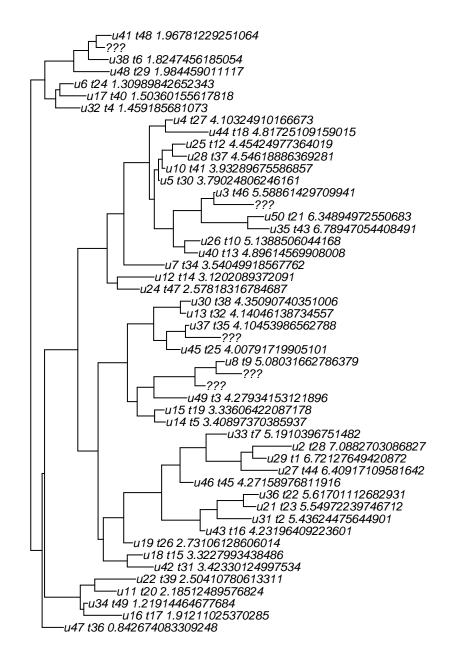


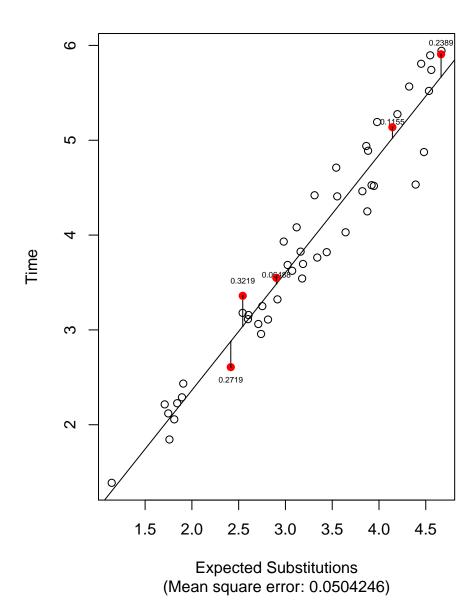
# rtree: Simulated-no.11 (Remove 5)



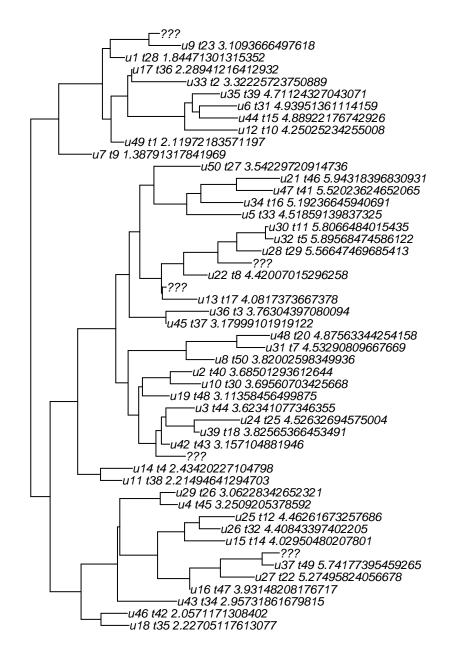


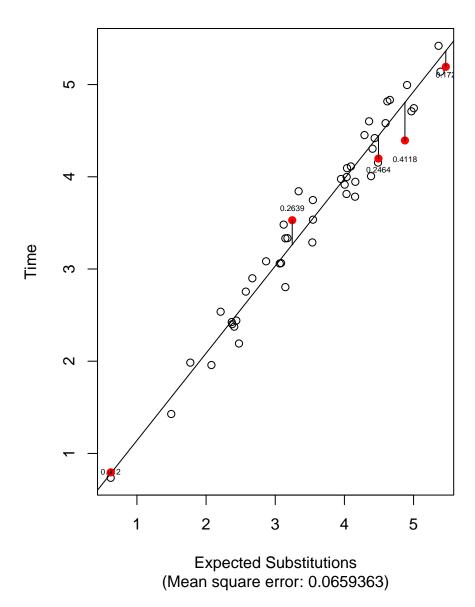
# rtree: Simulated-no.12 (Remove 5)



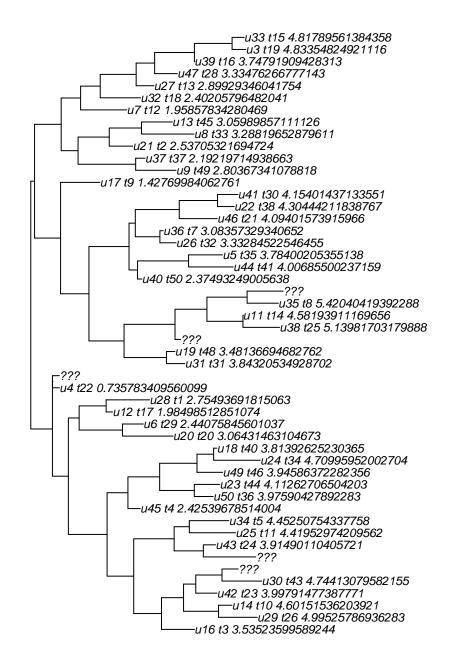


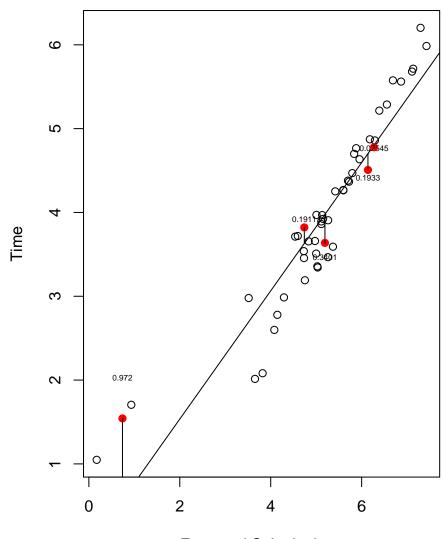
### rtree: Simulated-no.13 (Remove 5)





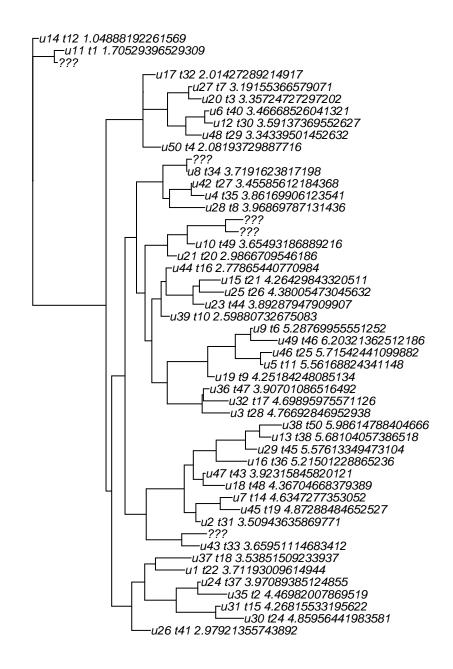
# rtree: Simulated-no.14 (Remove 5)

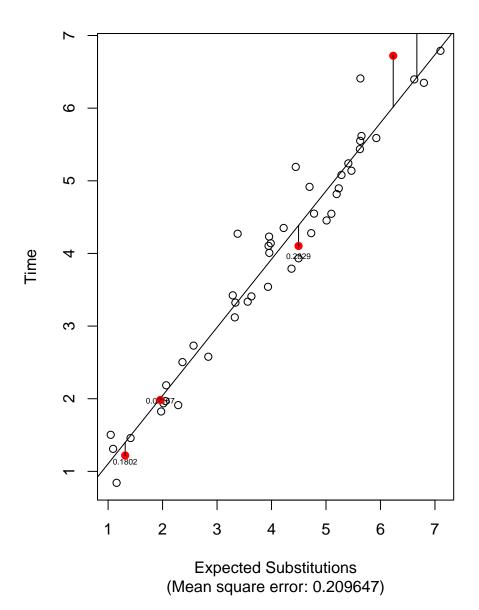




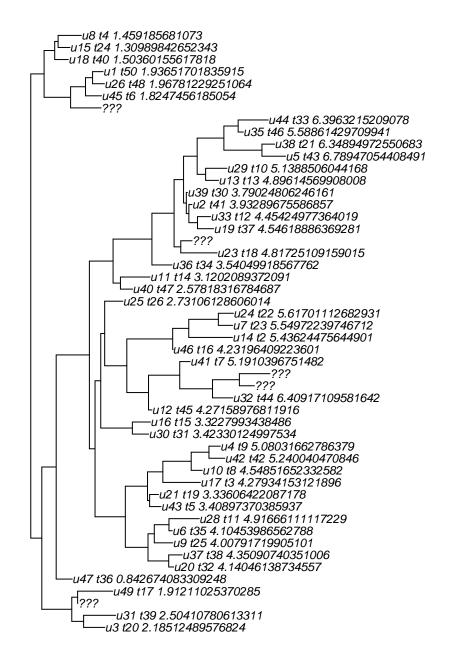
Expected Substitutions (Mean square error: 0.227001)

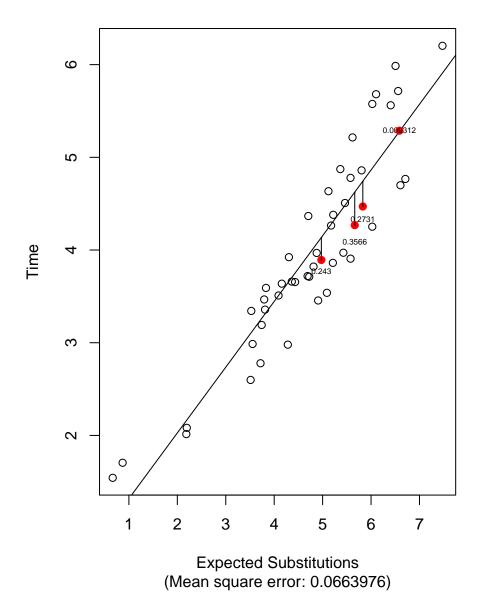
### rtree: Simulated-no.15 (Remove 5)



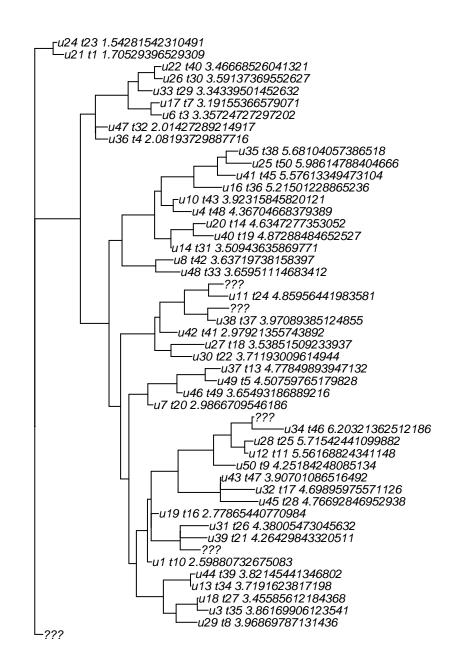


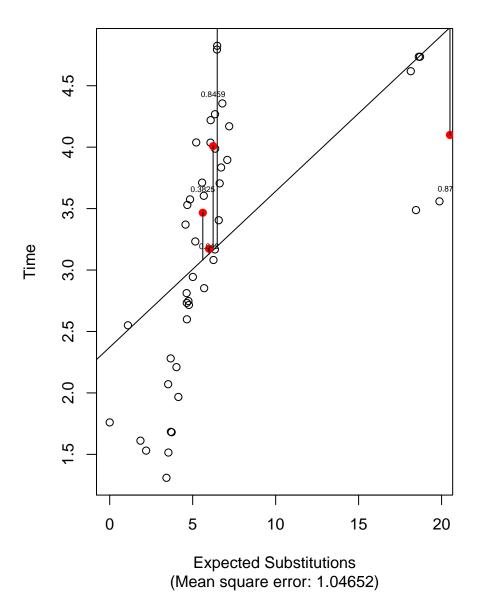
rtree: Simulated-no.16 (Remove 5)



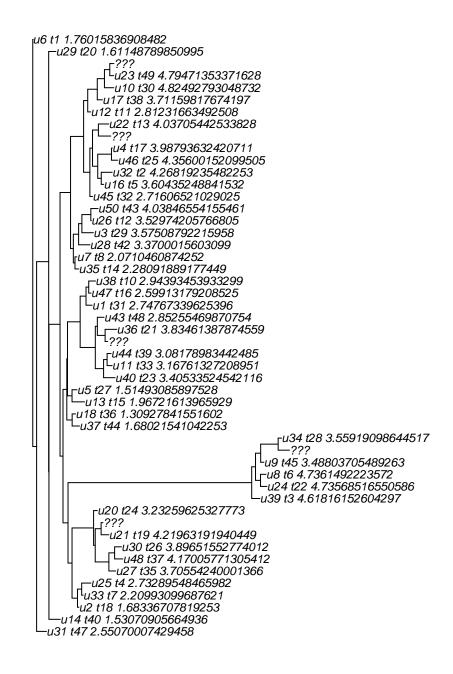


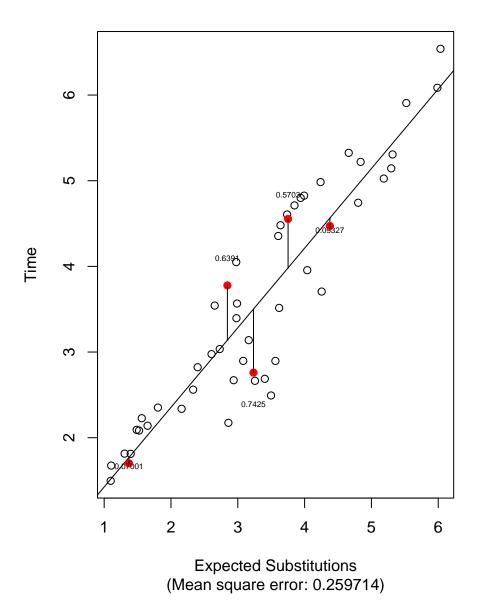
### rtree: Simulated-no.17 (Remove 5)



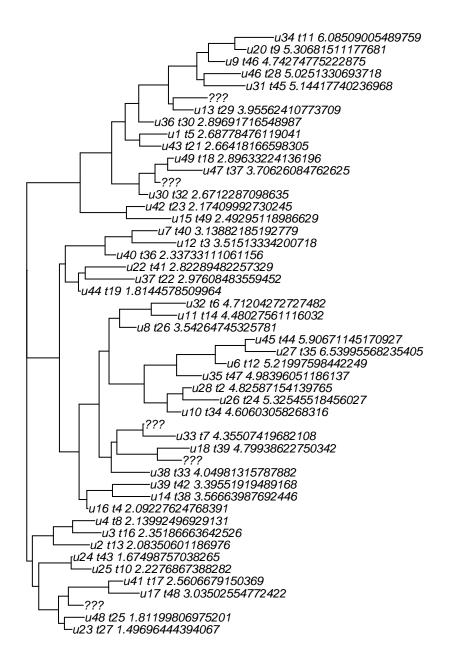


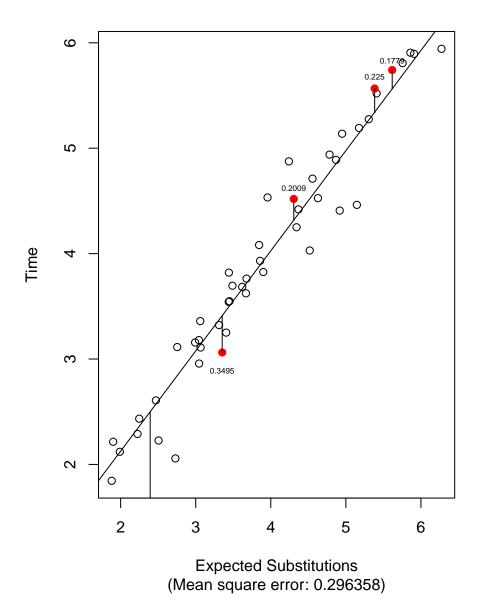
### rtree: Simulated-no.18 (Remove 5)



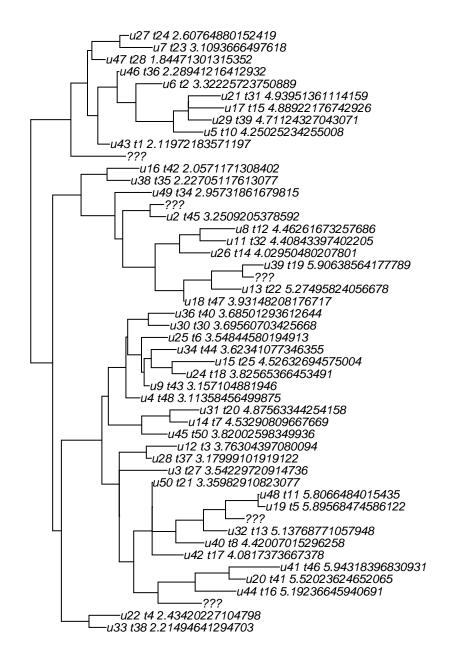


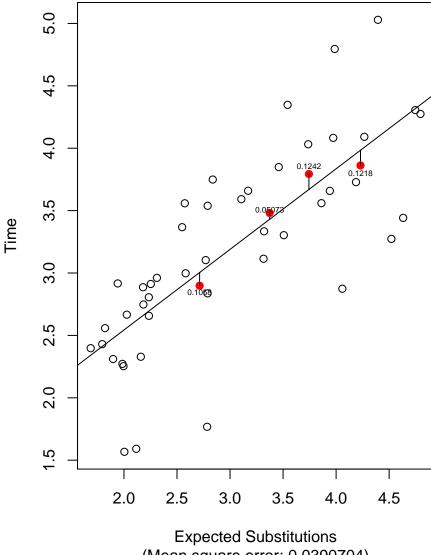
# rtree: Simulated-no.19 (Remove 5)





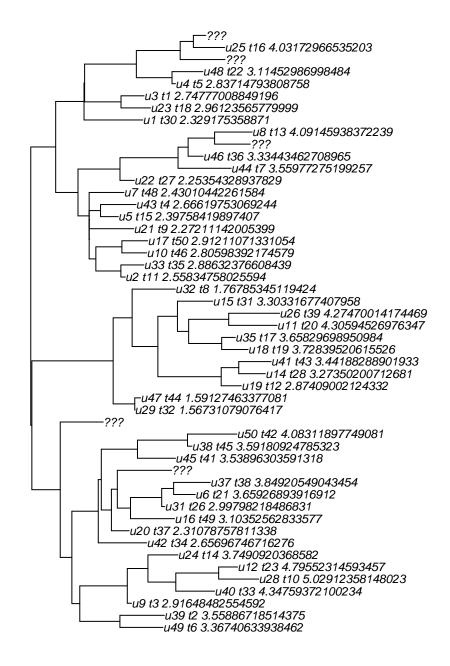
# rtree: Simulated-no.20 (Remove 5)

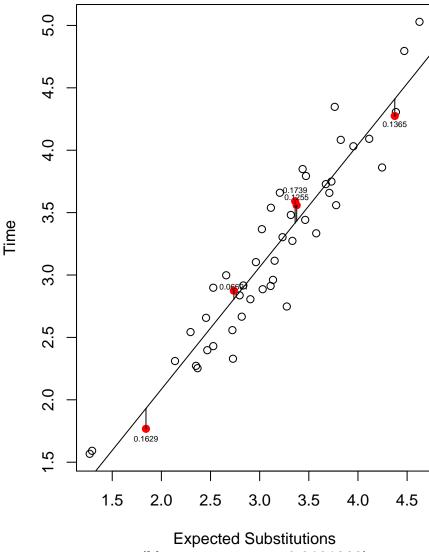




(Mean square error: 0.0390704)

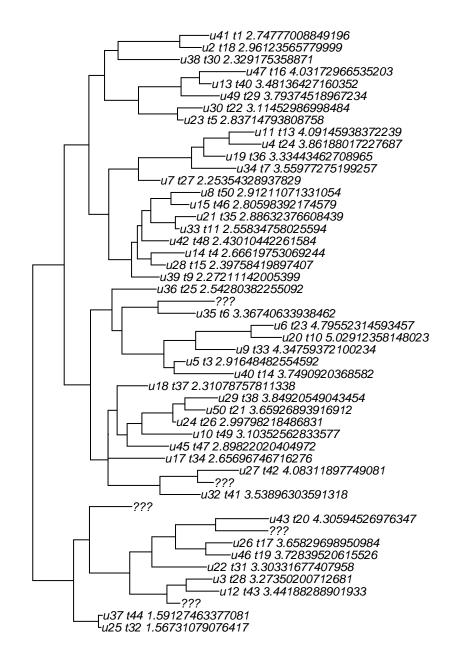
# rtree: Simulated-no.21 (Remove 5)

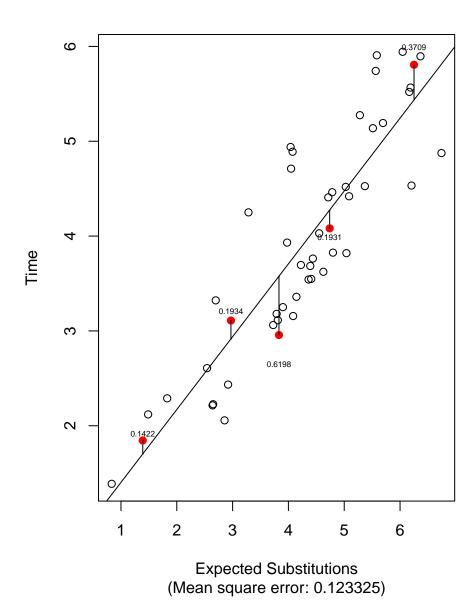




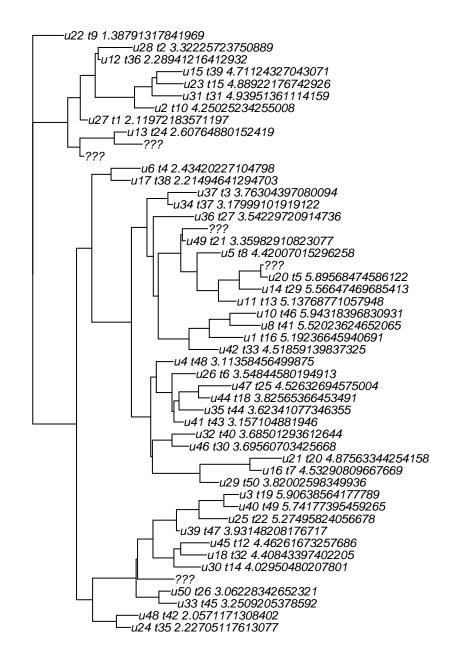
(Mean square error: 0.0191369)

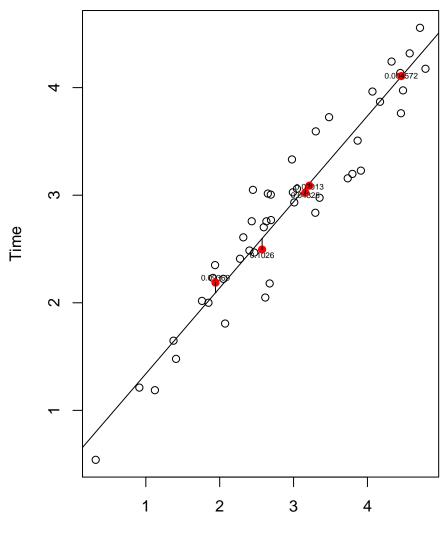
### rtree: Simulated-no.22 (Remove 5)





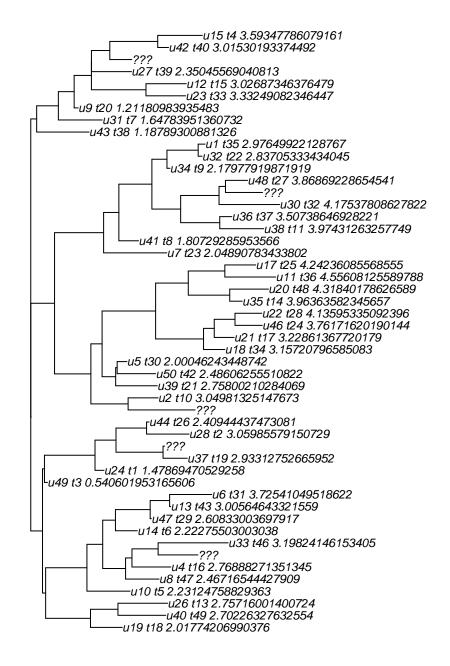
# rtree: Simulated-no.23 (Remove 5)

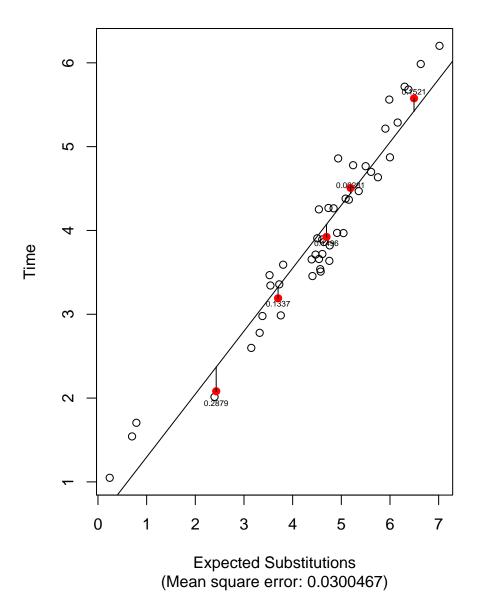




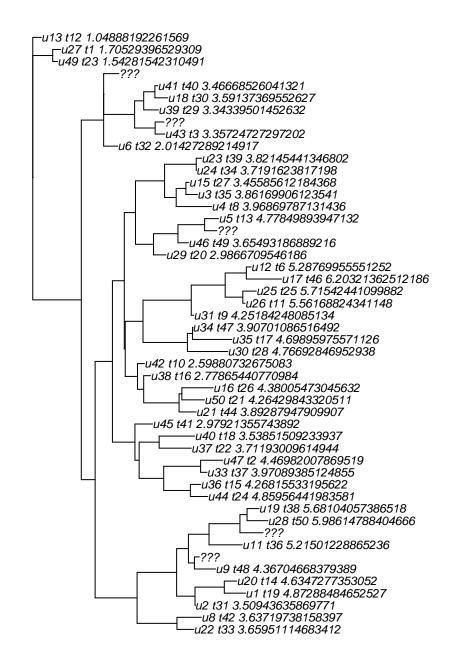
Expected Substitutions (Mean square error: 0.00432067)

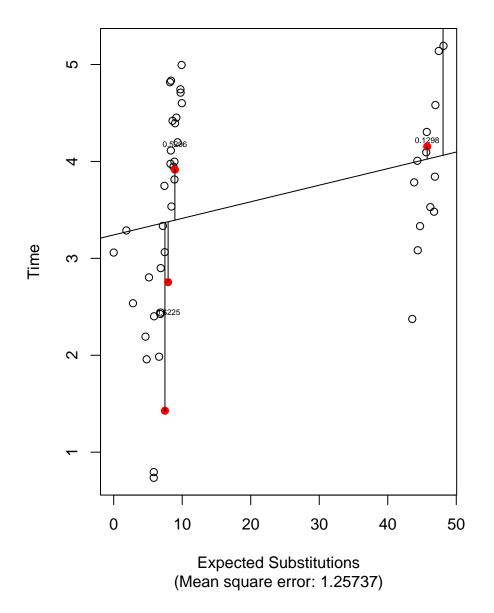
### rtree: Simulated-no.24 (Remove 5)



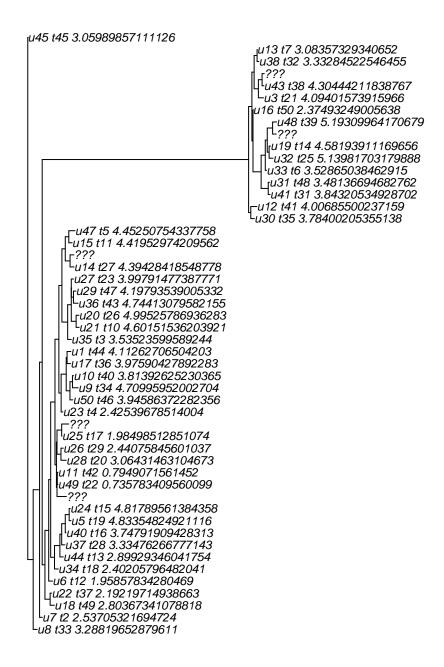


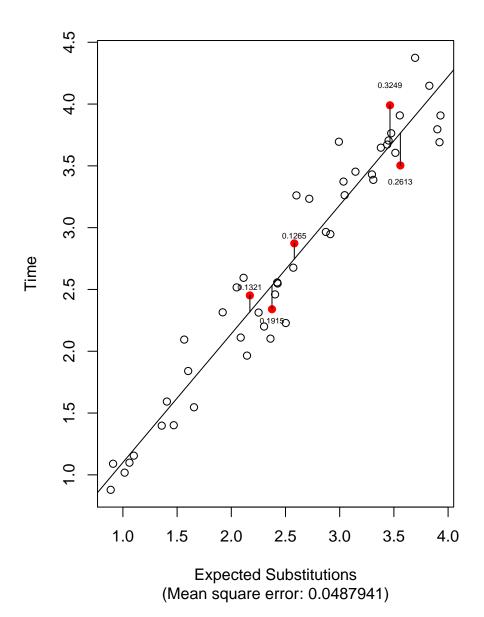
# rtree: Simulated-no.25 (Remove 5)



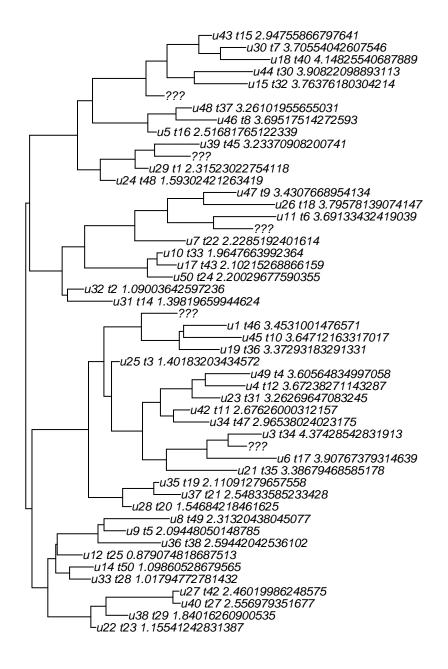


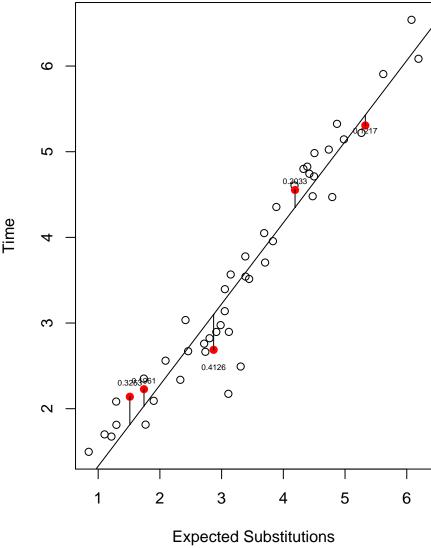
# rtree: Simulated-no.26 (Remove 5)





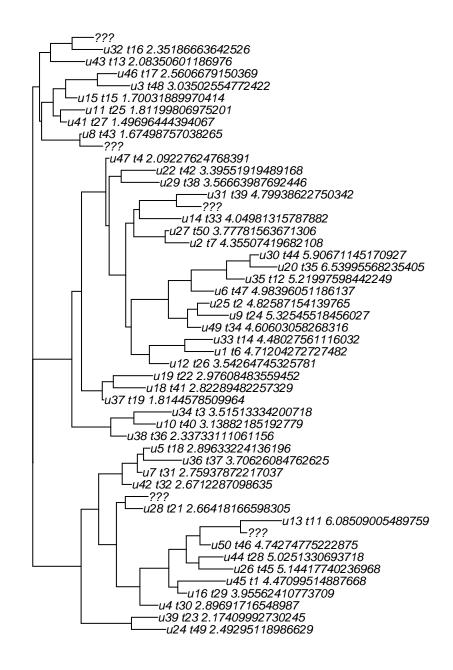
rtree: Simulated-no.27 (Remove 5)

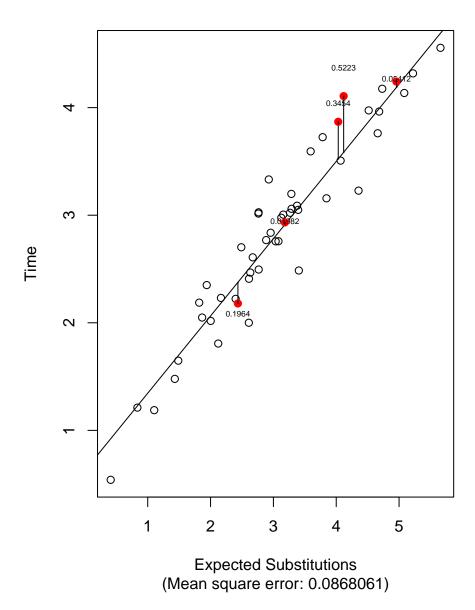




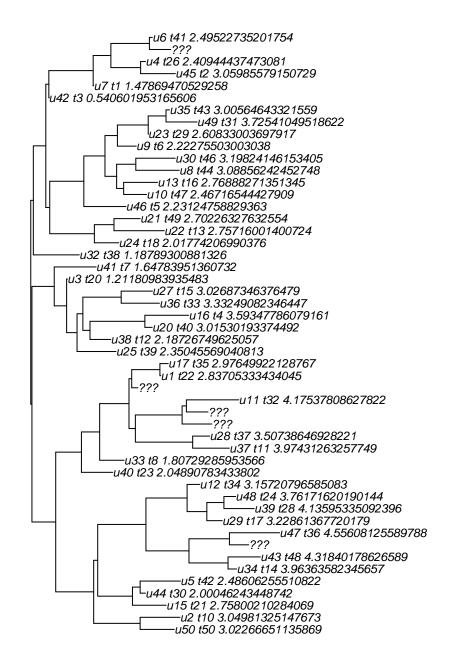
Expected Substitutions (Mean square error: 0.0741356)

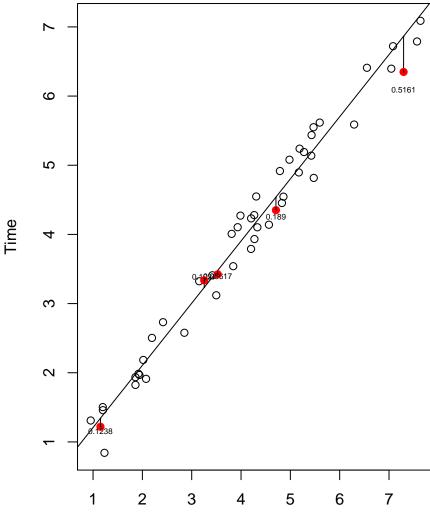
# rtree: Simulated-no.28 (Remove 5)





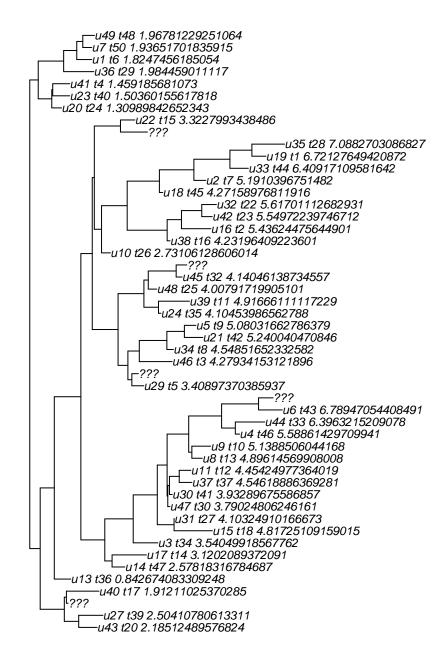
# rtree: Simulated-no.29 (Remove 5)

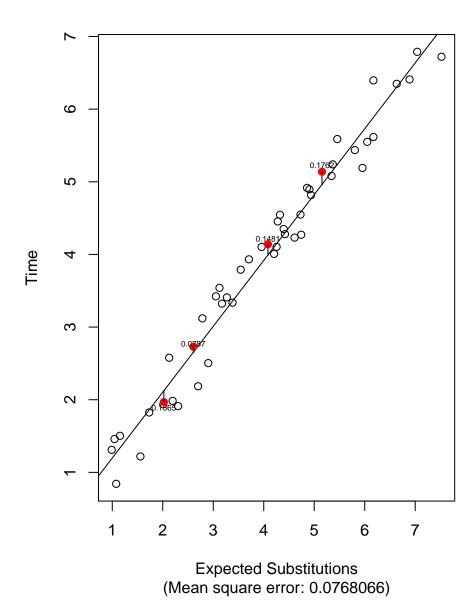




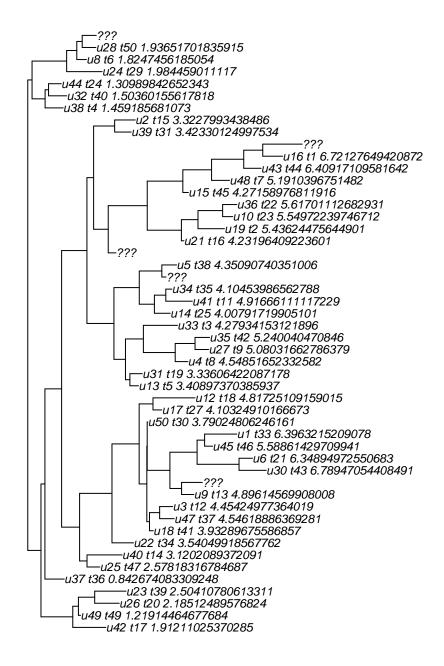
Expected Substitutions (Mean square error: 0.0662206)

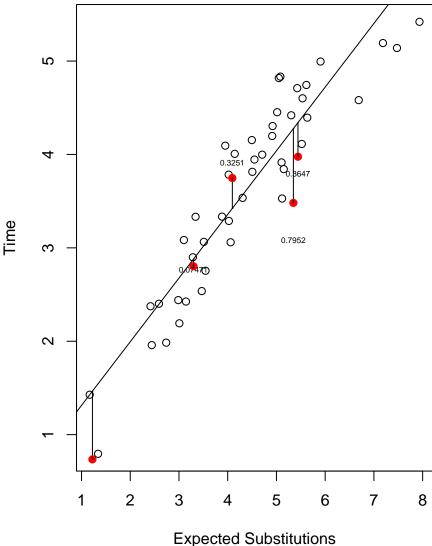
# rtree: Simulated-no.30 (Remove 5)





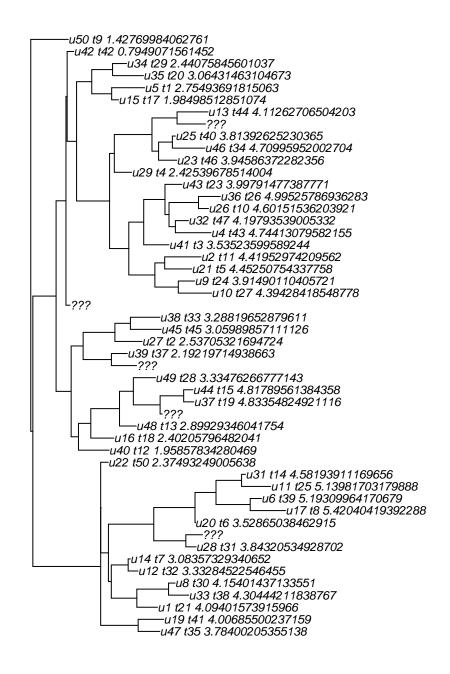
# rtree: Simulated-no.31 (Remove 5)

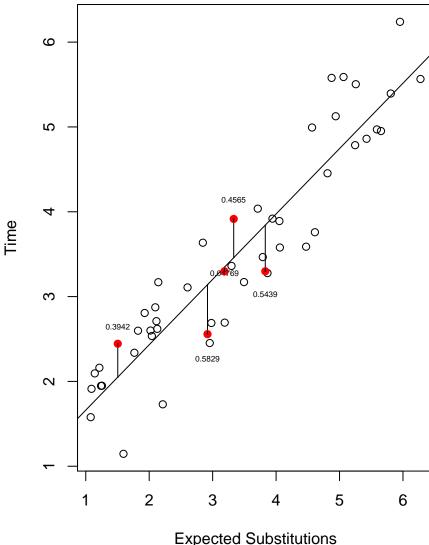




Expected Substitutions (Mean square error: 0.281955)

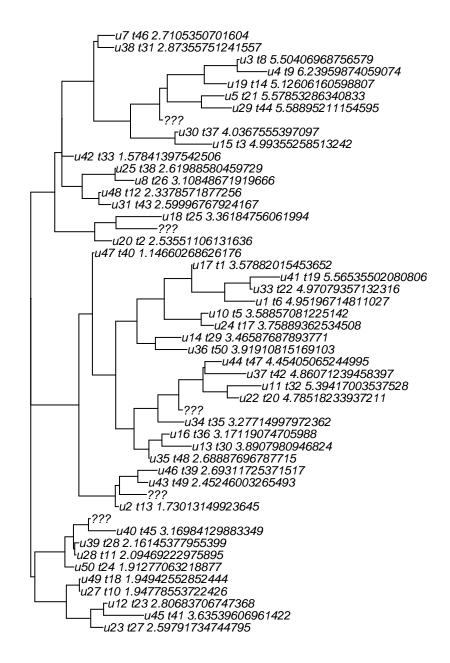
### rtree: Simulated-no.32 (Remove 5)





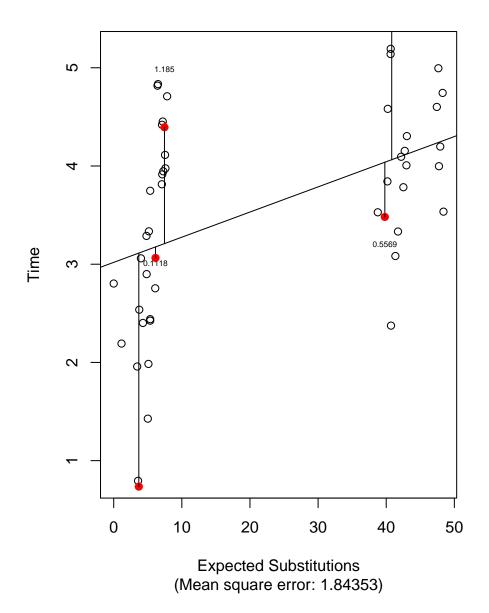
# **Expected Substitutions** (Mean square error: 0.200334)

### rtree: Simulated-no.33 (Remove 5)

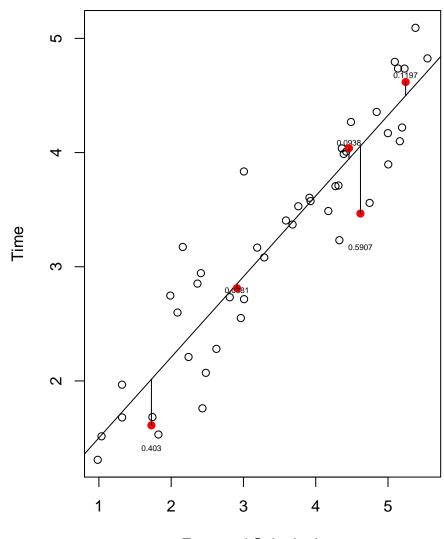


### rtree: Simulated-no.34 (Remove 5)

### **Time vs Distance**

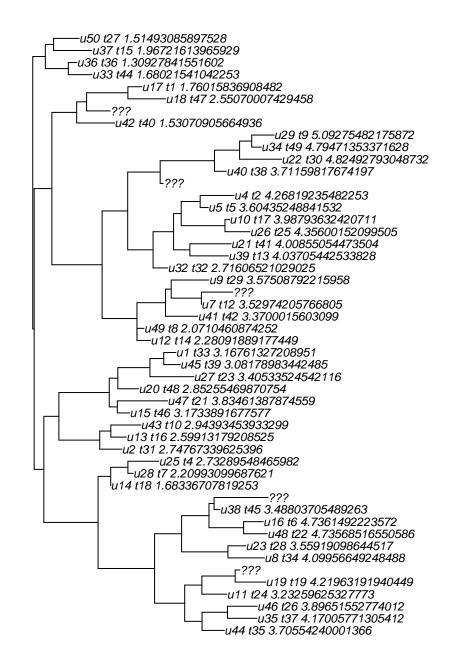


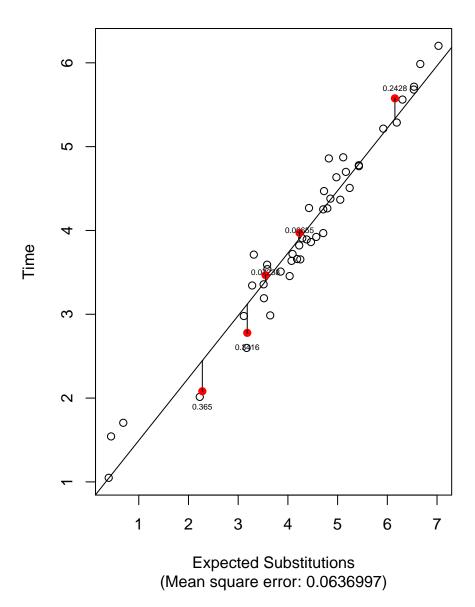
<sub>1</sub>u46 t49 2.80367341078818 ıu33 t37 2.19219714938663 ги25 t45 3.05989857111126 . □u6 t33 3.28819652879611 -u35 t2 2.53705321694724 <sub>J</sub>u15 t15 4.81789561384358 <sup>П</sup>и5 t19 4.83354824921116 u40 t16 3.74791909428313 ⊩u30 t28 3.33476266777143 <sup>L</sup>u18 t13 2.89929346041754 └u32 t18 2.40205796482041 -u50 t12 1.95857834280469 \_u38 t9 1.42769984062761 u44 t42 0.7949071561452 ru42 t29 2.44075845601037 **└**??? ru10 t1 2.75493691815063 <sup>1</sup>u12 t17 1.98498512851074 ru17 t34 4.70995952002704 lu24 t40 3.81392625230365 <sup>L</sup>u39 t46 3.94586372282356 ги43 t44 4.11262706504203 <sup>L</sup>u23 t36 3.97590427892283 u4 t4 2.42539678514004 ru26 t5 4.45250754337758 -u34 t11 4.41952974209562 ru13 t24 3.91490110405721 ru3 t3 3.53523599589244 ru37 t43 4.74413079582155 u19 t47 4.19793539005332 <sup>L</sup>u48 t23 3.99791477387771 ru49 t26 4.99525786936283 <sup>L</sup>u45 t10 4.60151536203921 1222 」u31 t30 4.15401437133551 .Гu9 t38 4.30444211838767 -u2 t21 4.09401573915966 <sub>1</sub>u36 t7 3.08357329340652 <sup>1</sup>u8 t32 3.33284522546455 ru28 t41 4.00685500237159 <sup>L</sup>u11 t35 3.78400205355138 lu1 t50 2.37493249005638 <sup>L</sup>u16 t31 3.84320534928702 ги14 t39 5.19309964170679 L-222 ||<sub>0</sub>u27 t14 4.58193911169656 <sup>L</sup>u20 t25 5.13981703179888 <sup>1</sup>u7 t6 3.52865038462915



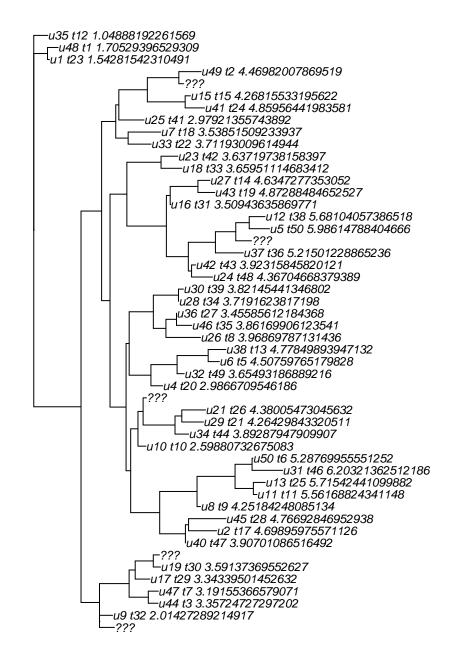
Expected Substitutions (Mean square error: 0.107188)

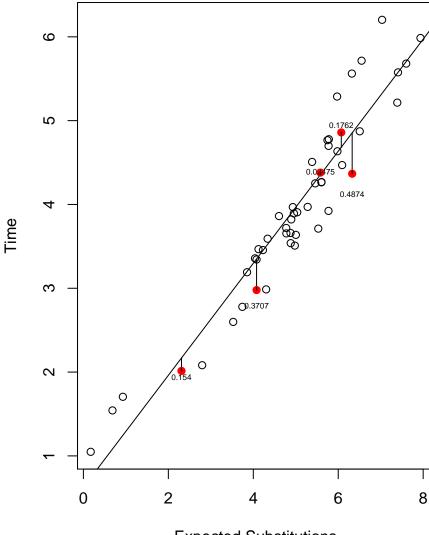
### rtree: Simulated-no.35 (Remove 5)





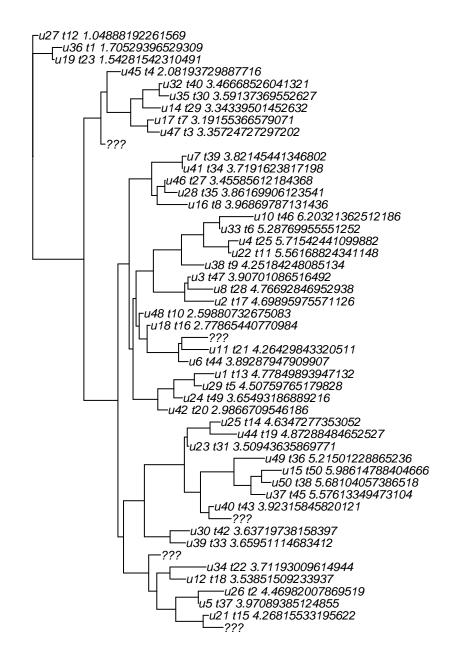
rtree: Simulated-no.36 (Remove 5)

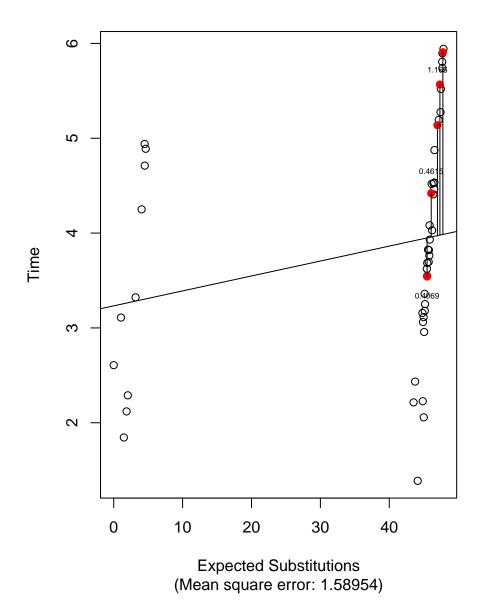




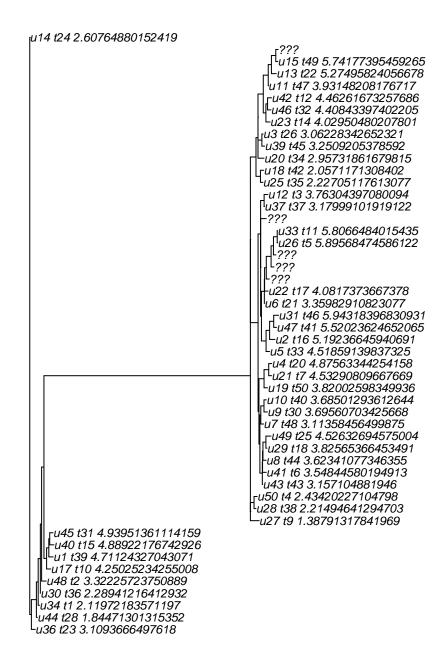
Expected Substitutions (Mean square error: 0.0860724)

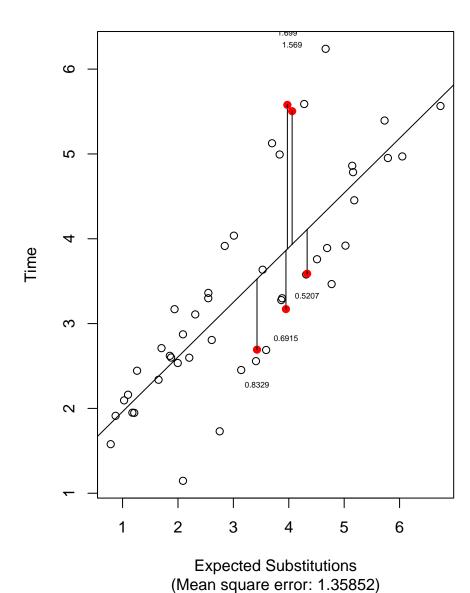
# rtree: Simulated-no.37 (Remove 5)



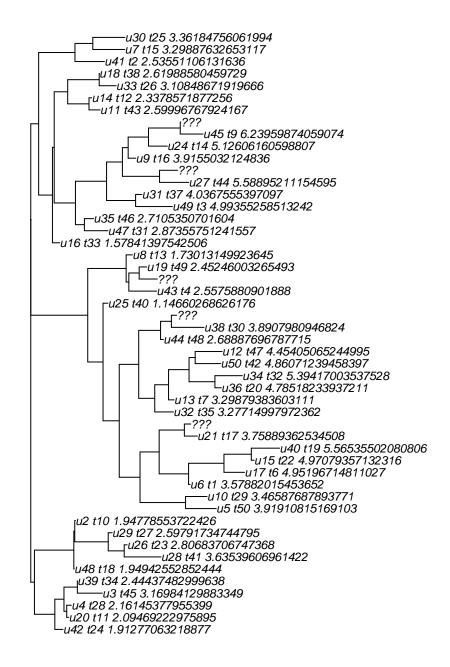


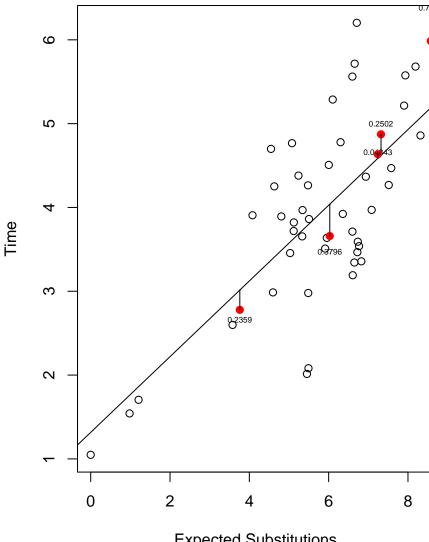
# rtree: Simulated-no.38 (Remove 5)





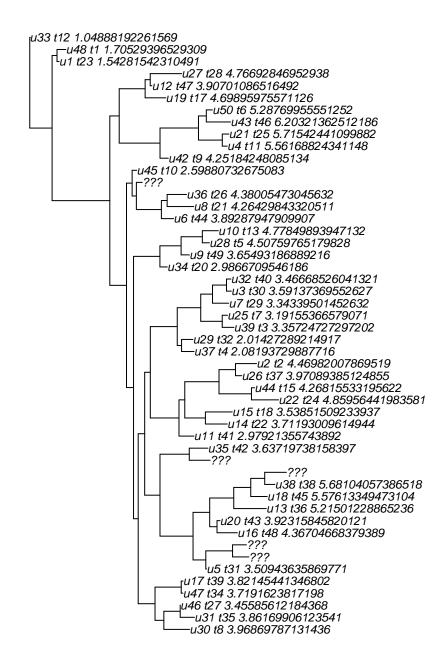
## rtree: Simulated-no.39 (Remove 5)

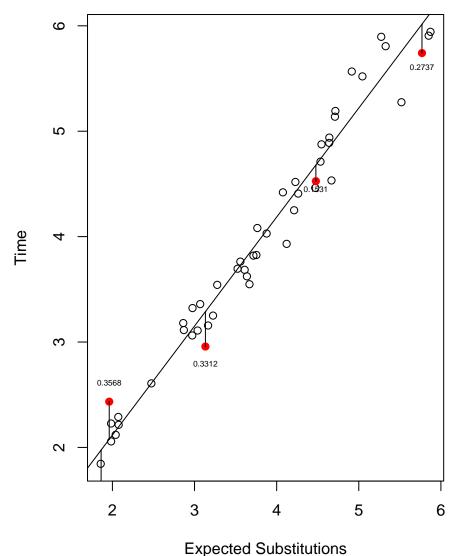




Expected Substitutions (Mean square error: 0.179903)

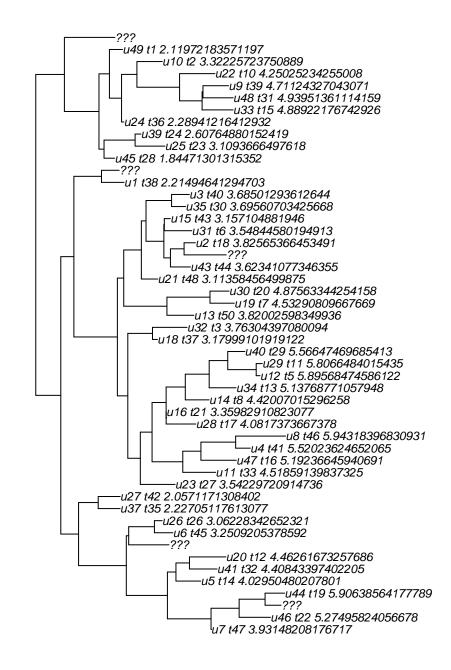
## rtree: Simulated-no.40 (Remove 5)

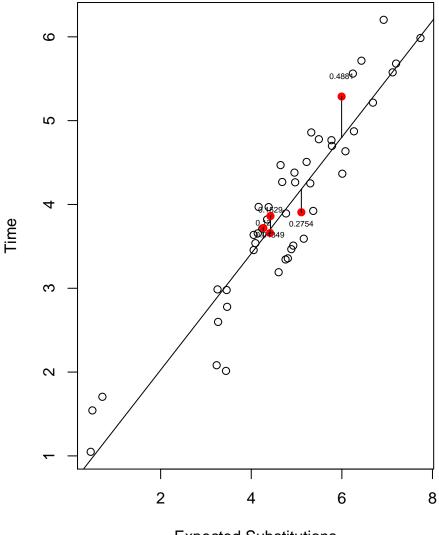




(Mean square error: 0.135995)

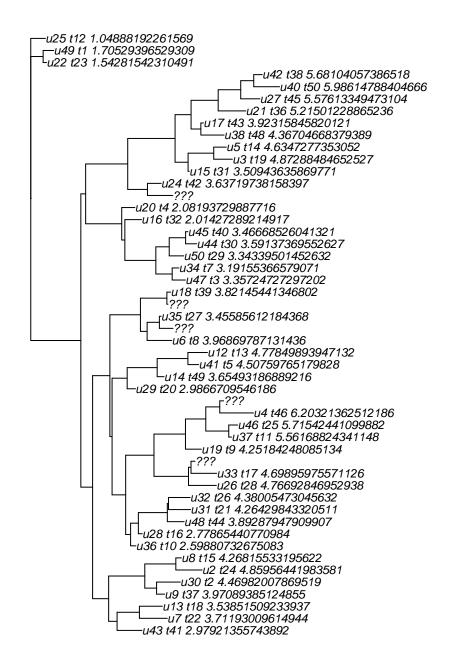
# rtree: Simulated-no.41 (Remove 5)

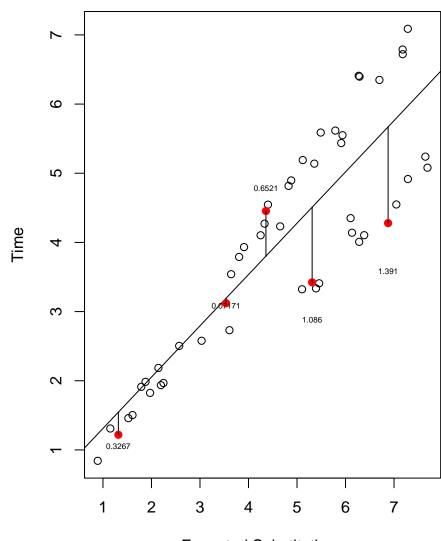




Expected Substitutions (Mean square error: 0.0707381)

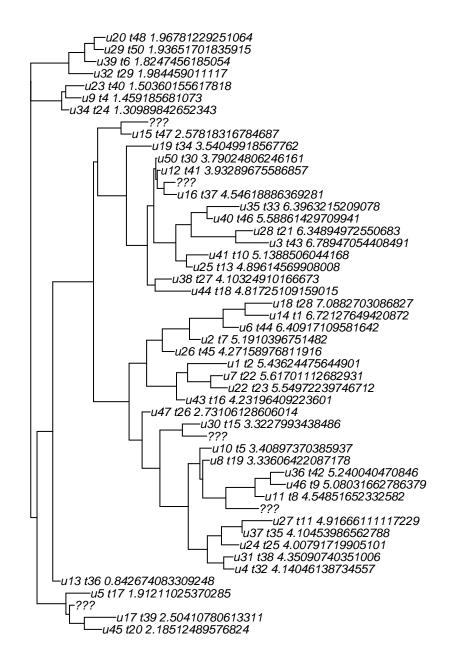
## rtree: Simulated-no.42 (Remove 5)

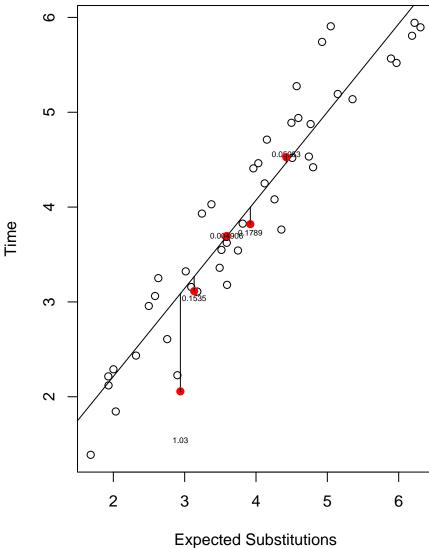




Expected Substitutions (Mean square error: 0.729989)

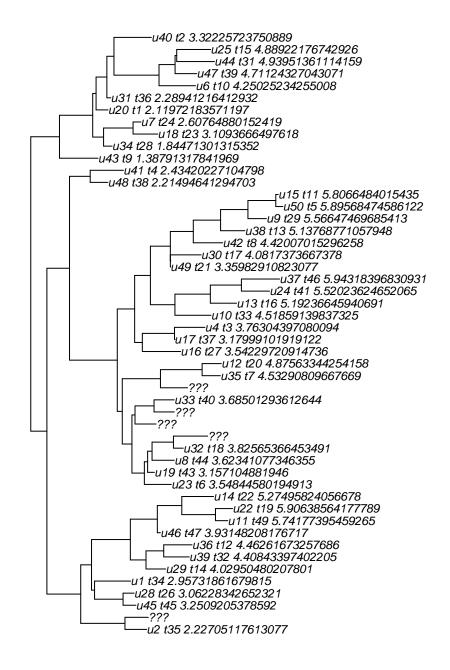
## rtree: Simulated-no.43 (Remove 5)





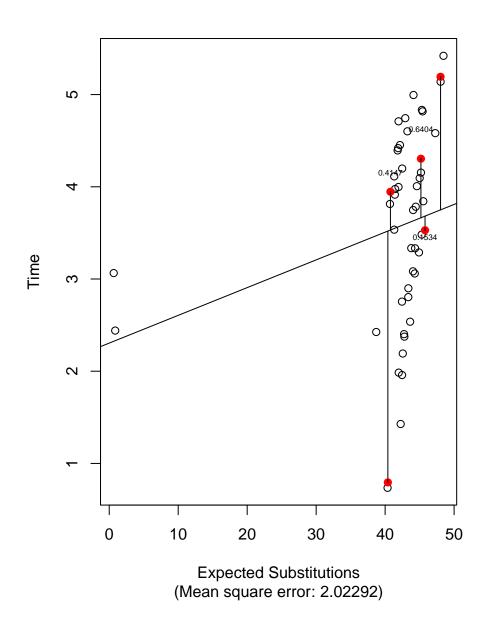
(Mean square error: 0.224116)

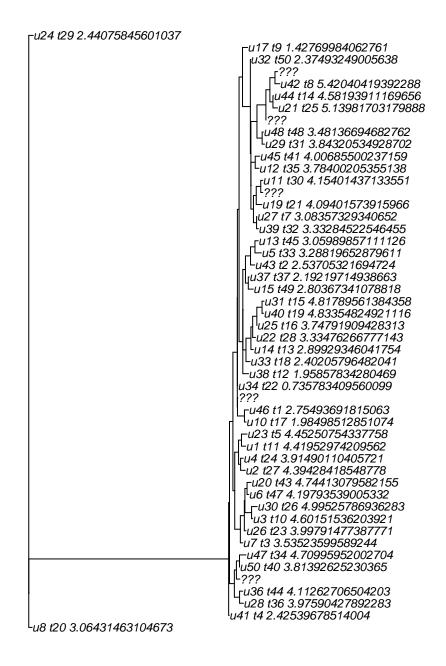
## rtree: Simulated-no.44 (Remove 5)

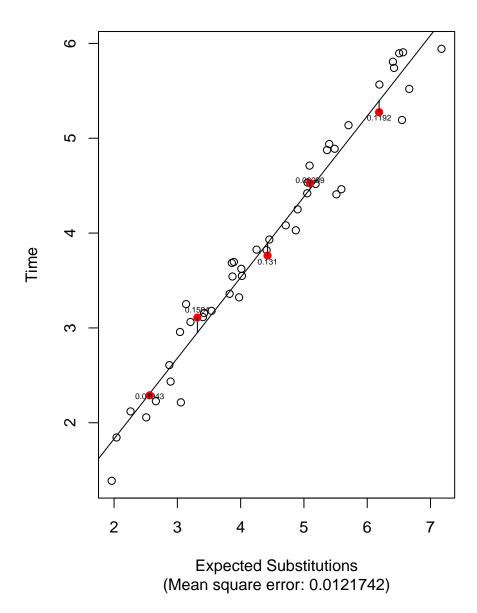


### rtree: Simulated-no.45 (Remove 5)

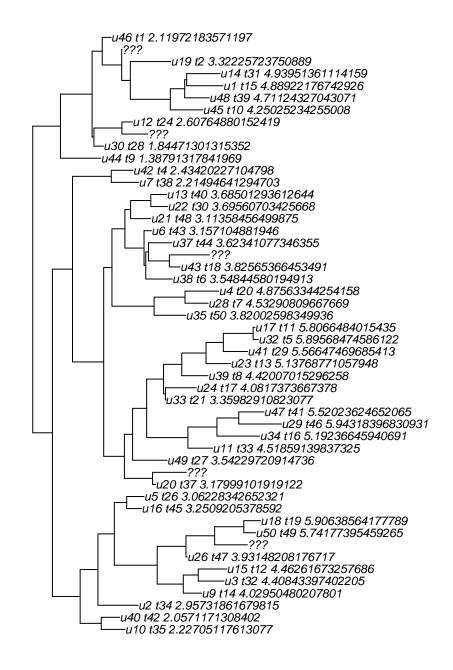
### **Time vs Distance**

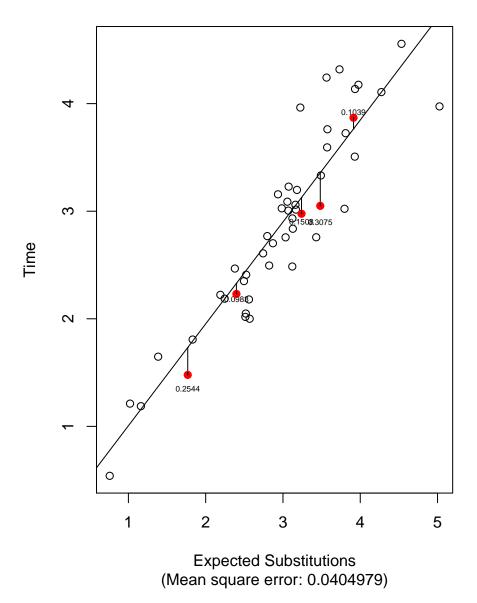




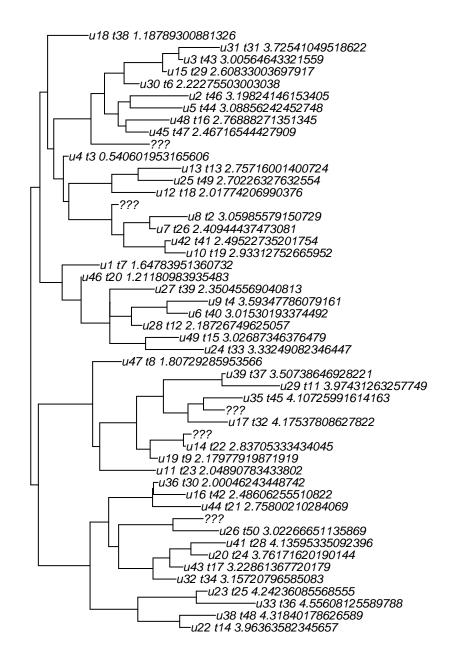


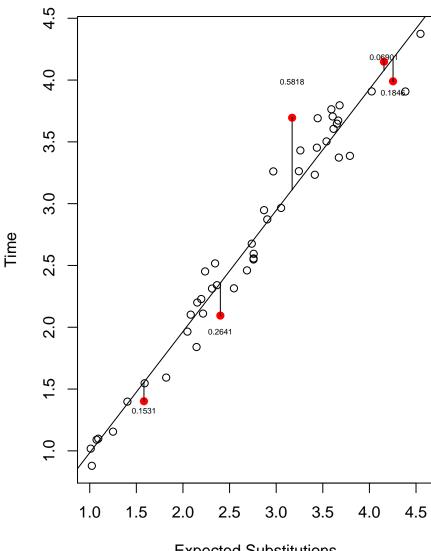
## rtree: Simulated-no.46 (Remove 5)





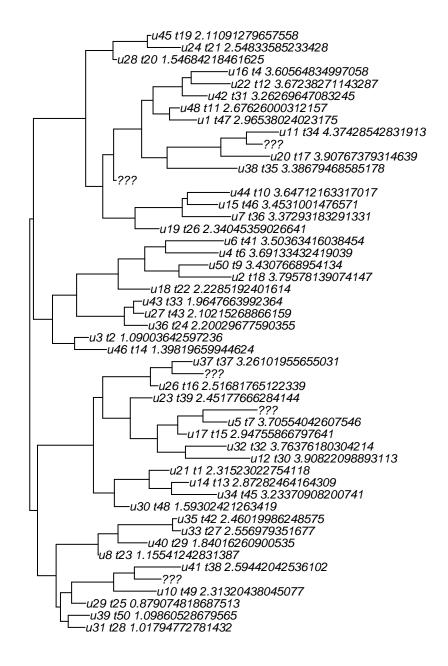
# rtree: Simulated-no.47 (Remove 5)

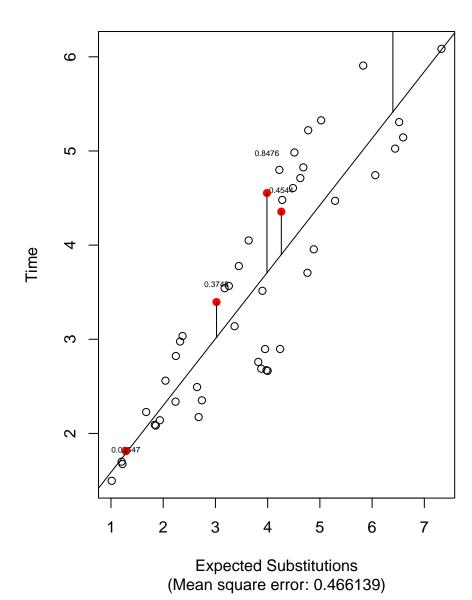




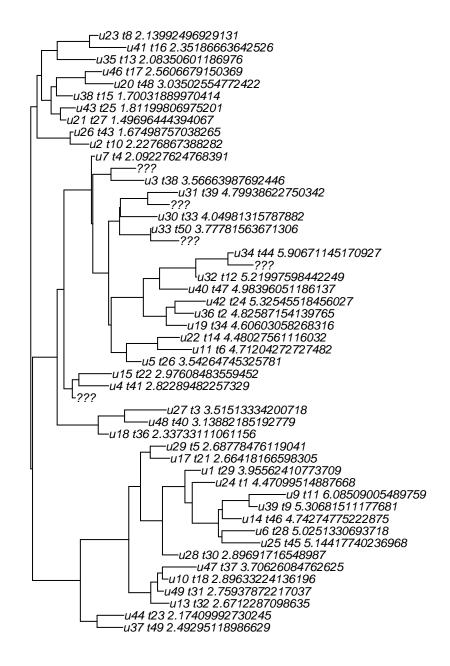
Expected Substitutions (Mean square error: 0.0941065)

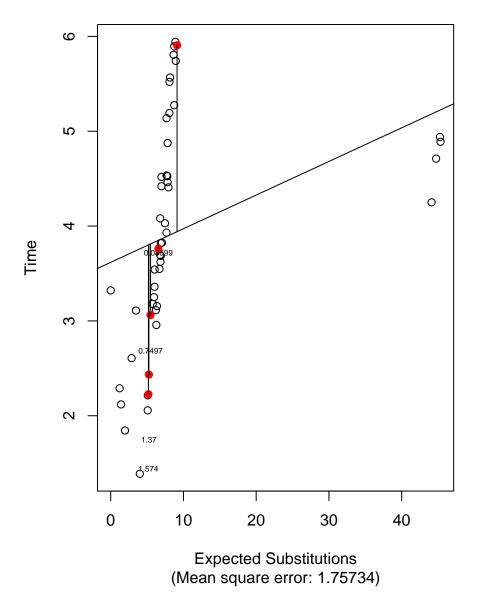
## rtree: Simulated-no.48 (Remove 5)





# rtree: Simulated-no.49 (Remove 5)





# rtree: Simulated-no.50 (Remove 5)

```
<sub>1</sub>u10 t2 3.32225723750889
 <sub>г</sub>и30 t24 2.60764880152419
 I<sup>∟</sup>u40 t23 3.1093666497618
 u11 t28 1.84471301315352
    -u28 t38 2.21494641294703
      _u8 t20 4.87563344254158
       <sup>L</sup>u29 t7 4.53290809667669
      <sup>L</sup>u47 t50 3.82002598349936
      ги35 t6 3.54844580194913
      _u38 t25 4.52632694575004
      □u24 t18 3.82565366453491
      -u15 t44 3.62341077346355
     u4 t43 3.157104881946
      ги34 t40 3.68501293612644
      <sup>L</sup>u33 t30 3.69560703425668
     <sup>L</sup>u5 t48 3.11358456499875
     <sup>1</sup>u50 t37 3.17999101919122
     -u6 t27 3.54229720914736
       ∟u42 t46 5.94318396830931
      . □u3 t41 5.52023624652065
      Lu21 t16 5.19236645940691
      -u26 t33 4.51859139837325
        u45 t11 5.8066484015435
       "Ги43 t5 5.89568474586122
       Lu22 t29 5.56647469685413
      u44 t13 5.13768771057948
      Lu12 t8 4.42007015296258
      -u36 t17 4.0817373667378
     <sup>1</sup>u32 t21 3.35982910823077
                                             ru20 t10 4.25025234255008
                                              ru1 t31 4.93951361114159
                                             Ц-u46 t15 4.88922176742926
                                             <sup>L</sup>u2 t39 4.71124327043071
        ru25 t22 5.27495824056678
        <sup>L</sup>u31 t49 5.74177395459265
       <sup>1</sup>u9 t47 3.93148208176717
      <sub>L</sub>u16 t12 4.46261673257686
       -u17 t32 4.40843397402205
       <sup>L</sup>u7 t14 4.02950480207801
      -u48 t34 2.95731861679815
     -u39 t45 3.2509205378592
    ru49 t42 2.0571171308402
    ۲???
  └u13 t9 1.38791317841969
u19 t1 2.11972183571197
lu23 t36 2.28941216412932
```



