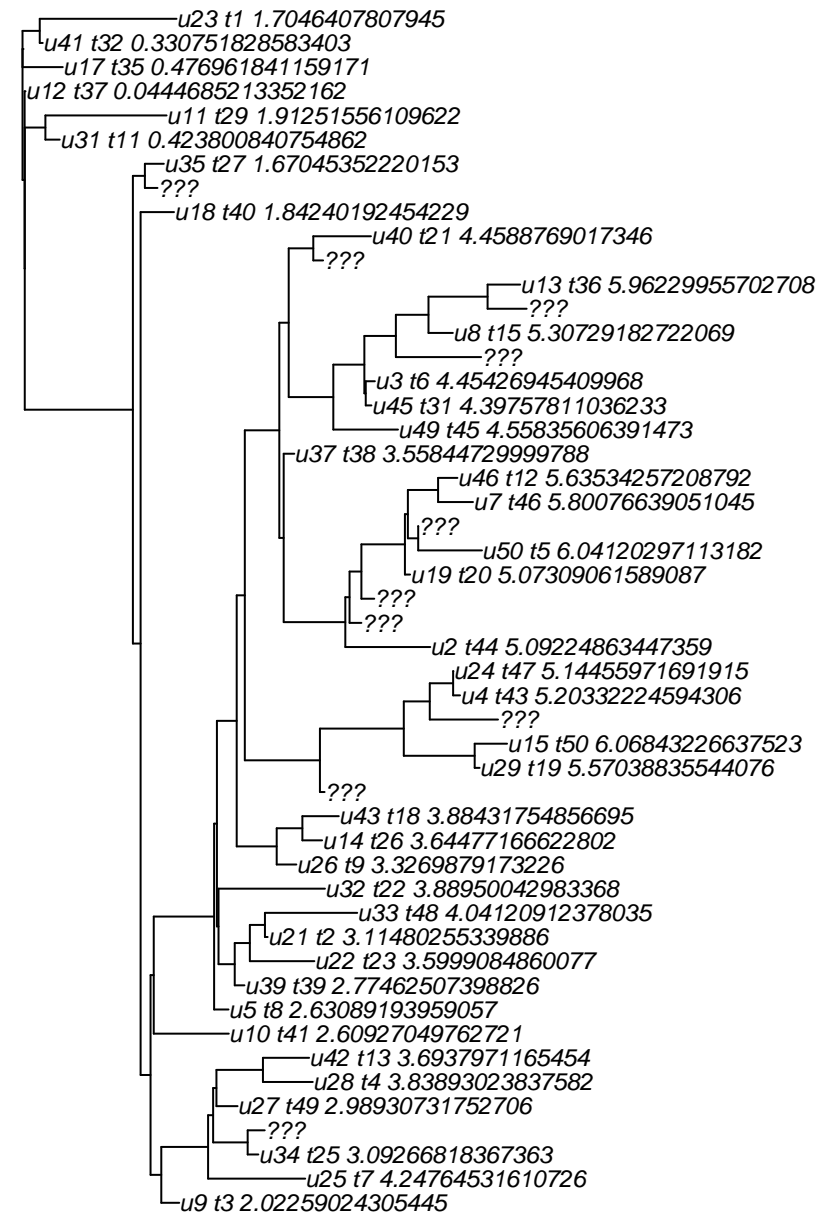
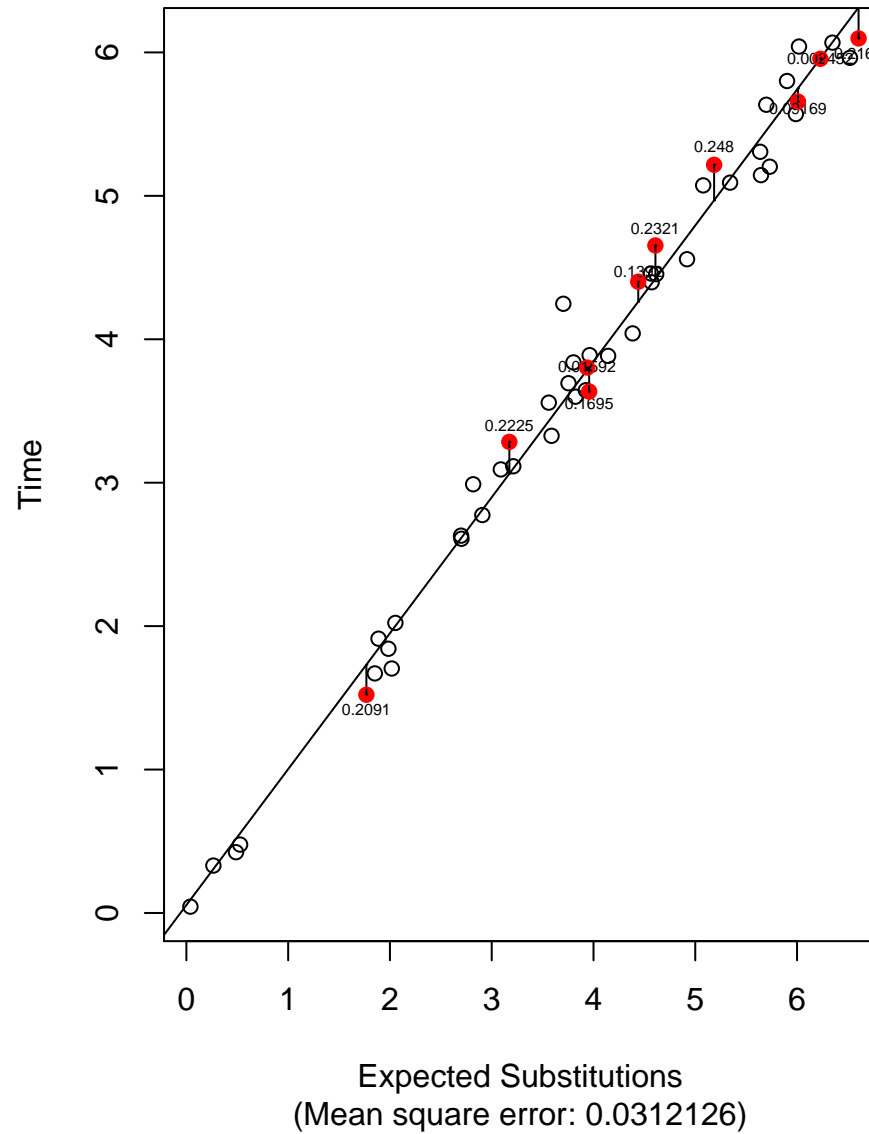


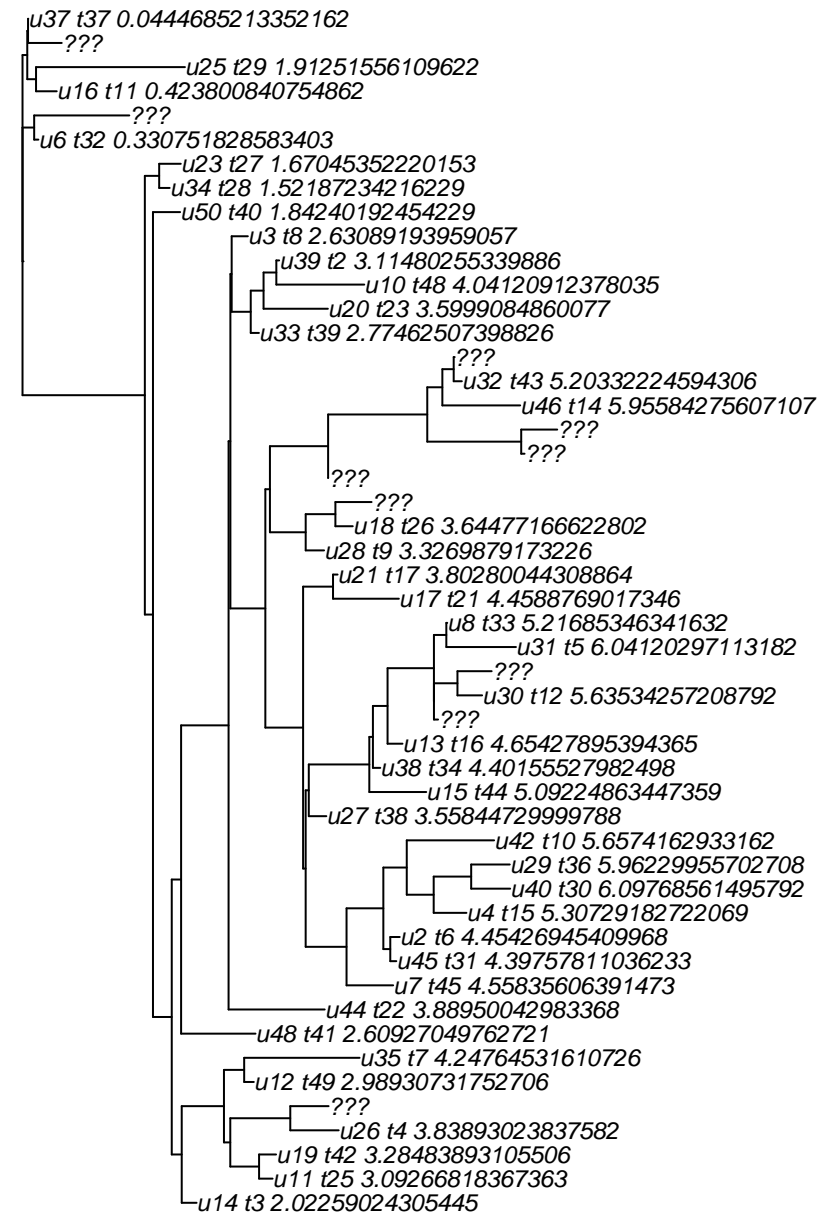
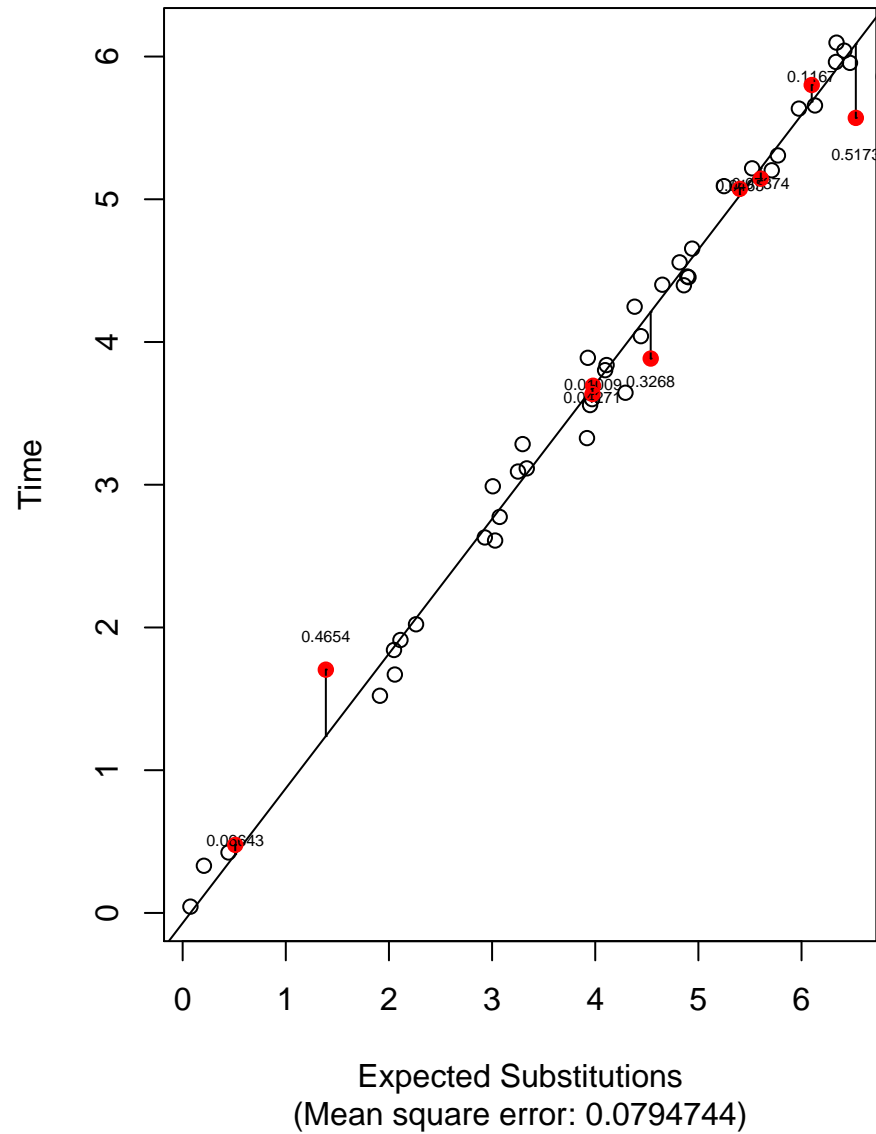
# coal: Simulated-no.1 (Remove 10)

## Time vs Distance



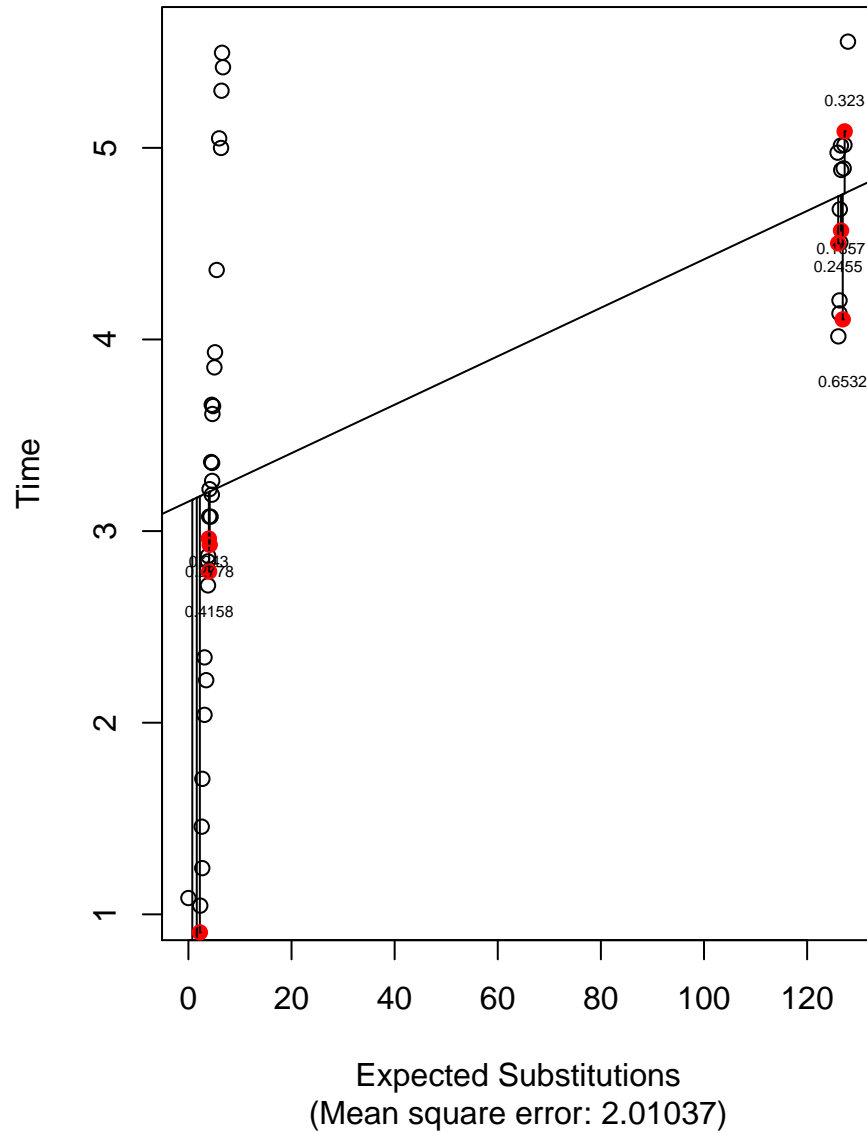
# coal: Simulated-no.2 (Remove 10)

## Time vs Distance



# coal: Simulated-no.3 (Remove 10)

## Time vs Distance



```

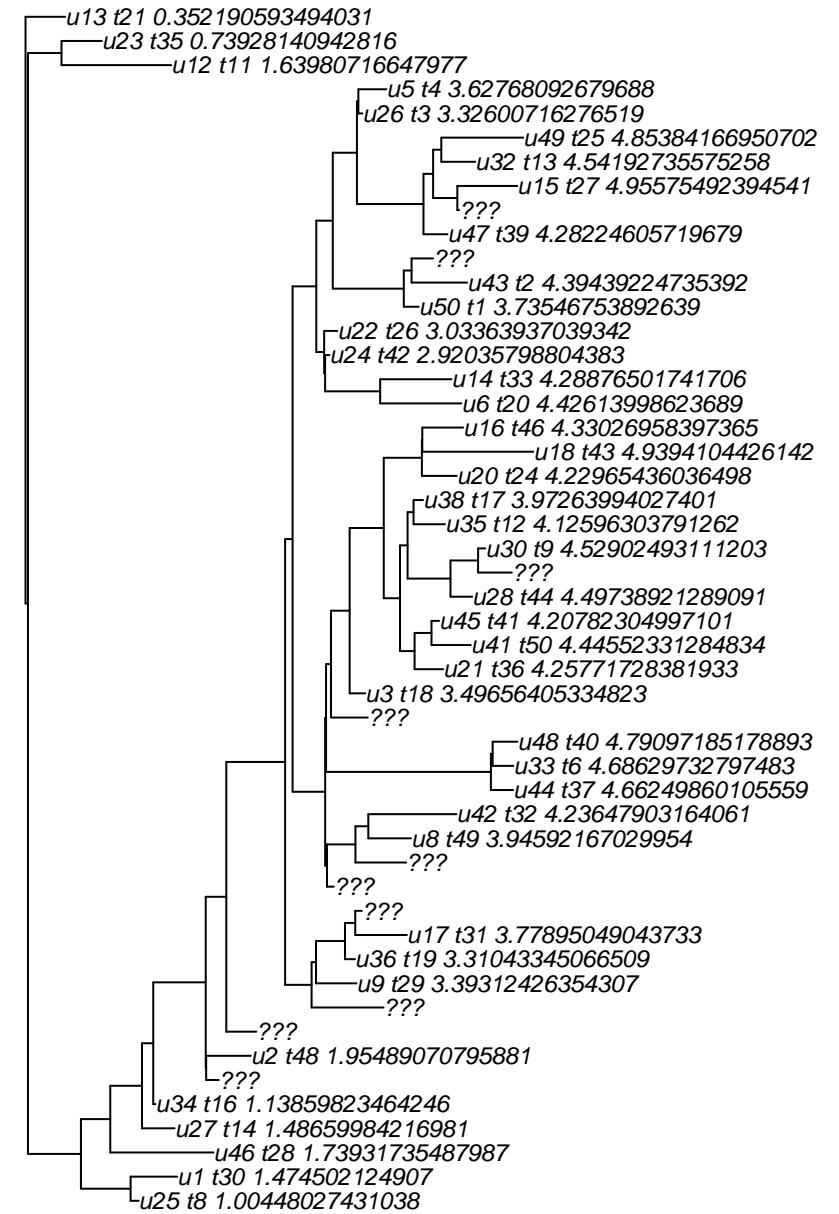
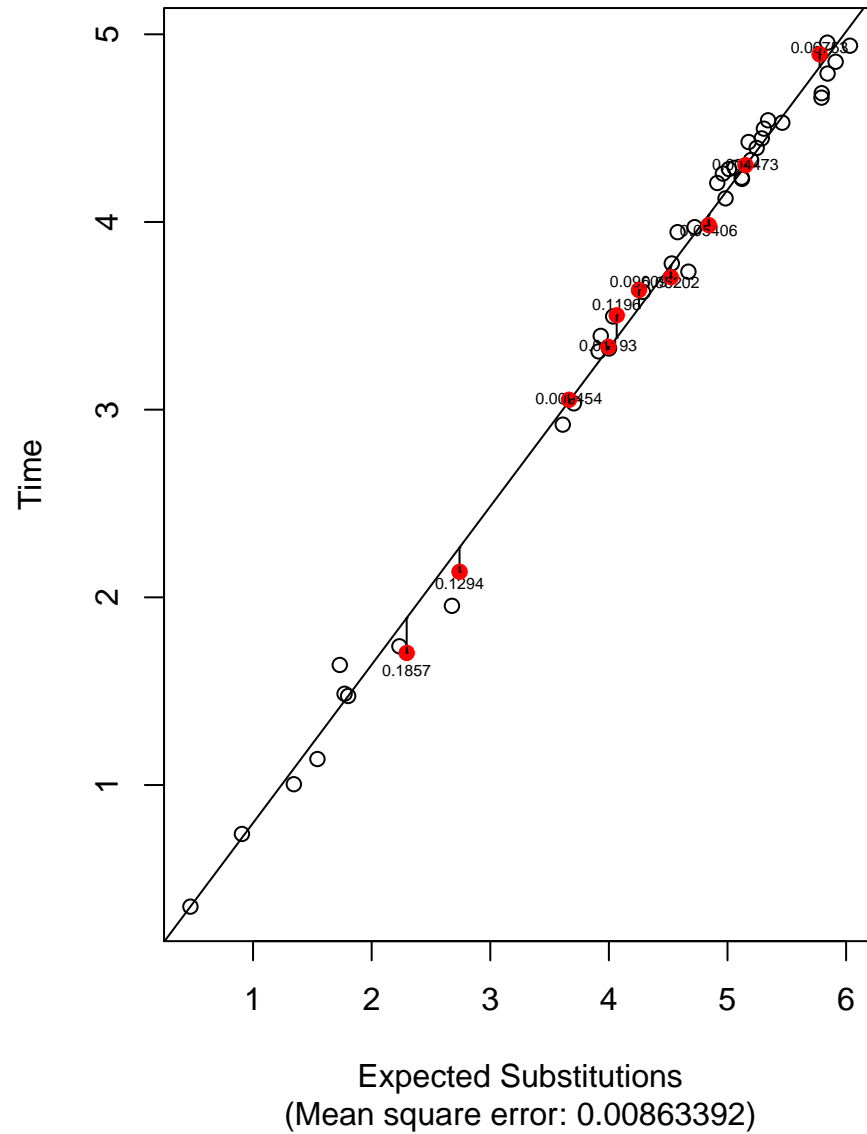
u38 t36 1.0852033083708
???
u39 t26 2.34097069742324
u45 t28 1.04558246623958
???
u26 t9 5.04969531504399
u8 t12 5.49622097922922
u32 t16 5.42071576635052
u27 t2 5.29831631414537
u41 t27 4.36282934843918
u33 t15 3.93328768010973
u18 t34 3.85442836819458
u25 t7 3.65244117881958
u10 t40 4.99962130610321
u34 t31 3.26199509440355
u46 t20 3.18988648364878
???
u3 t24 3.07555186401669
u19 t43 3.35598950371373
u13 t47 3.65924761519539
u21 t3 3.21892334410841
u17 t44 3.07588498107007
u23 t29 2.84200467872162
???
u14 t5 2.71681141568655
u12 t4 3.61125417231769
u44 t50 3.3606334975575
u22 t35 2.87097807601615
u47 t48 1.70727327223822
u1 t13 2.04120682621204

???
u35 t33 5.01223021939249
u42 t17 4.89317367486604
???
u30 t21 5.5545085078039
u43 t30 5.01528299001829
???
u49 t39 4.13615590124243
u15 t38 4.88468930858601
u40 t42 4.67946608331333
u7 t45 4.97509342526189
???
u24 t49 4.01631346410753
u16 t19 4.50633754513033
u29 t46 4.20401574089504

u6 t25 1.45757494391226
u11 t22 2.22194939746573
???
???
u48 t32 1.24114548256182
  
```

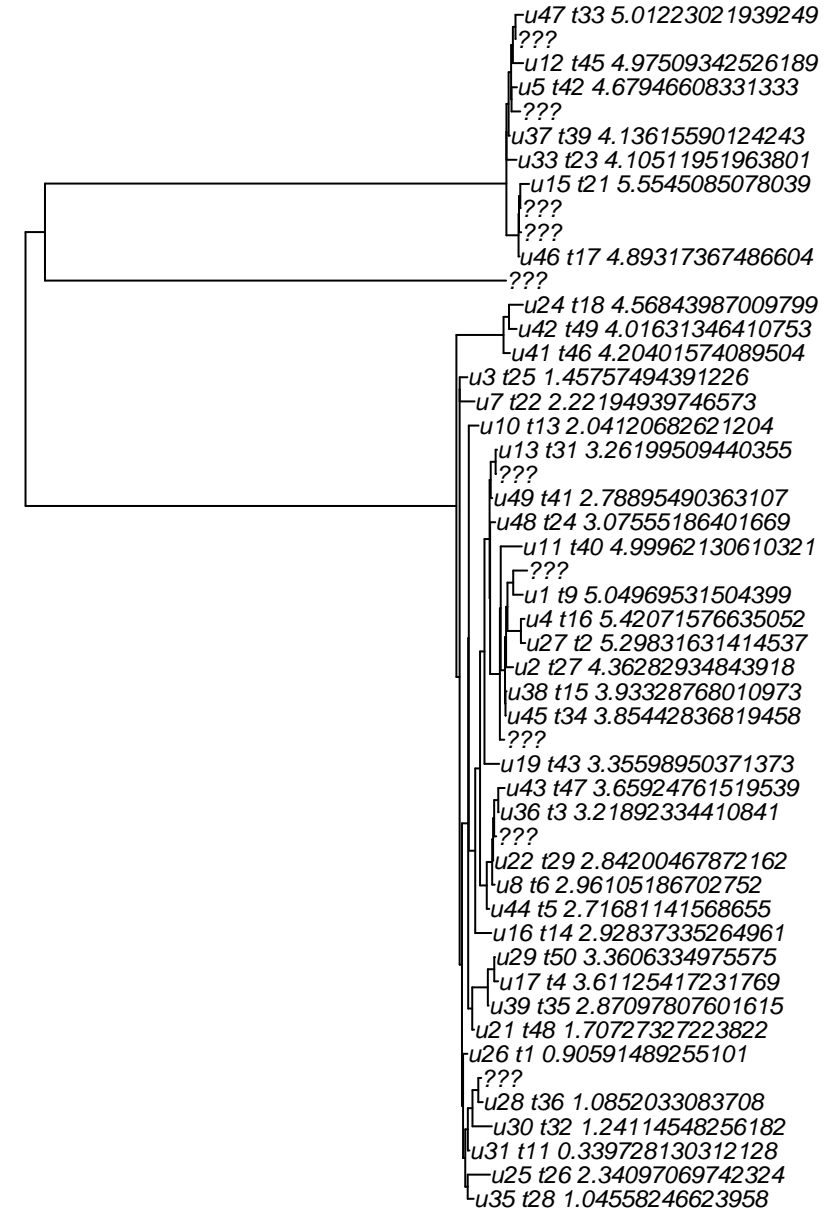
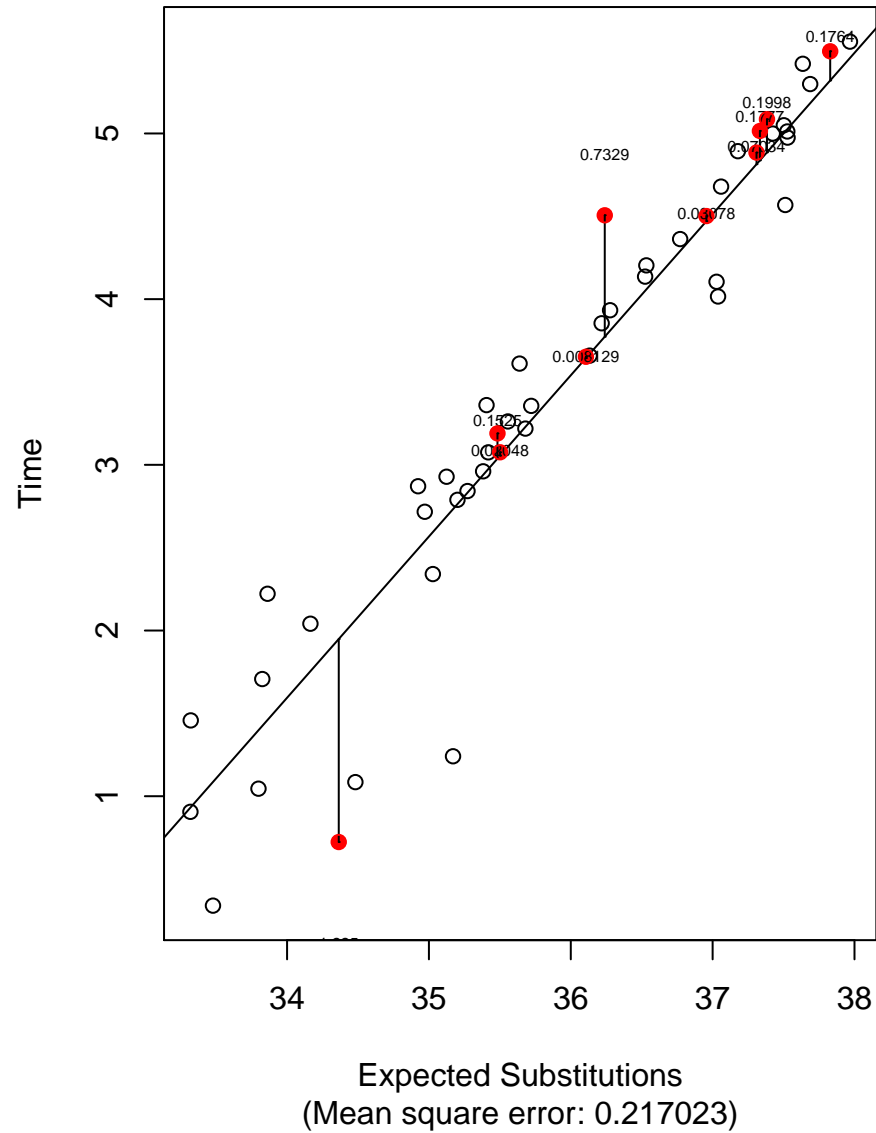
# coal: Simulated-no.4 (Remove 10)

## Time vs Distance



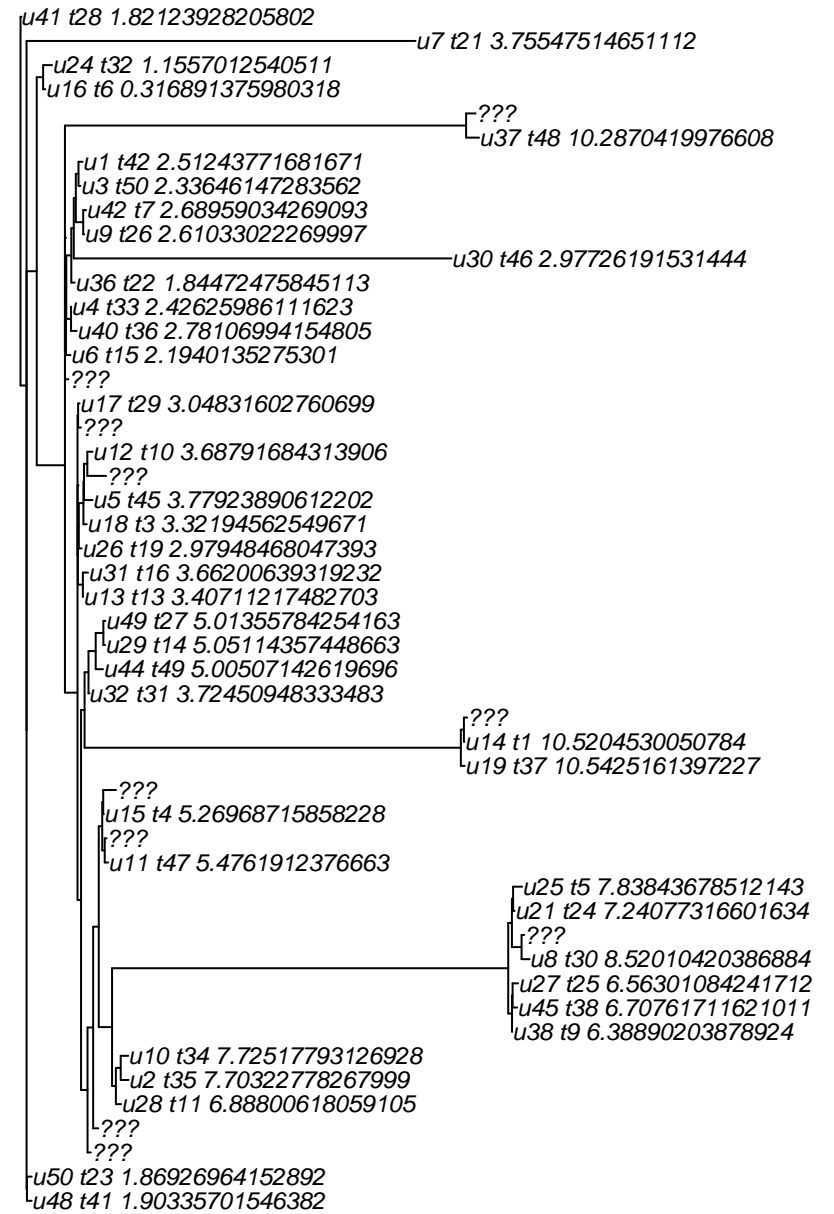
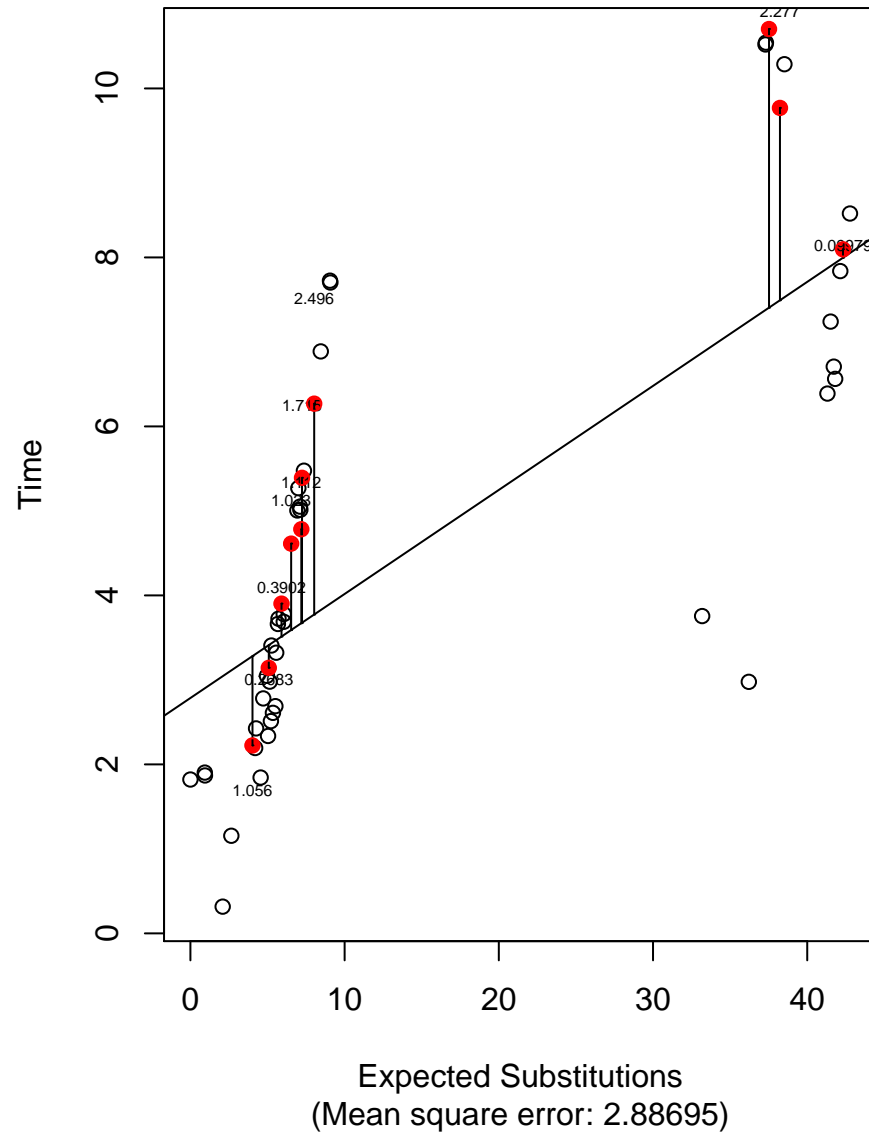
# coal: Simulated-no.5 (Remove 10)

## Time vs Distance

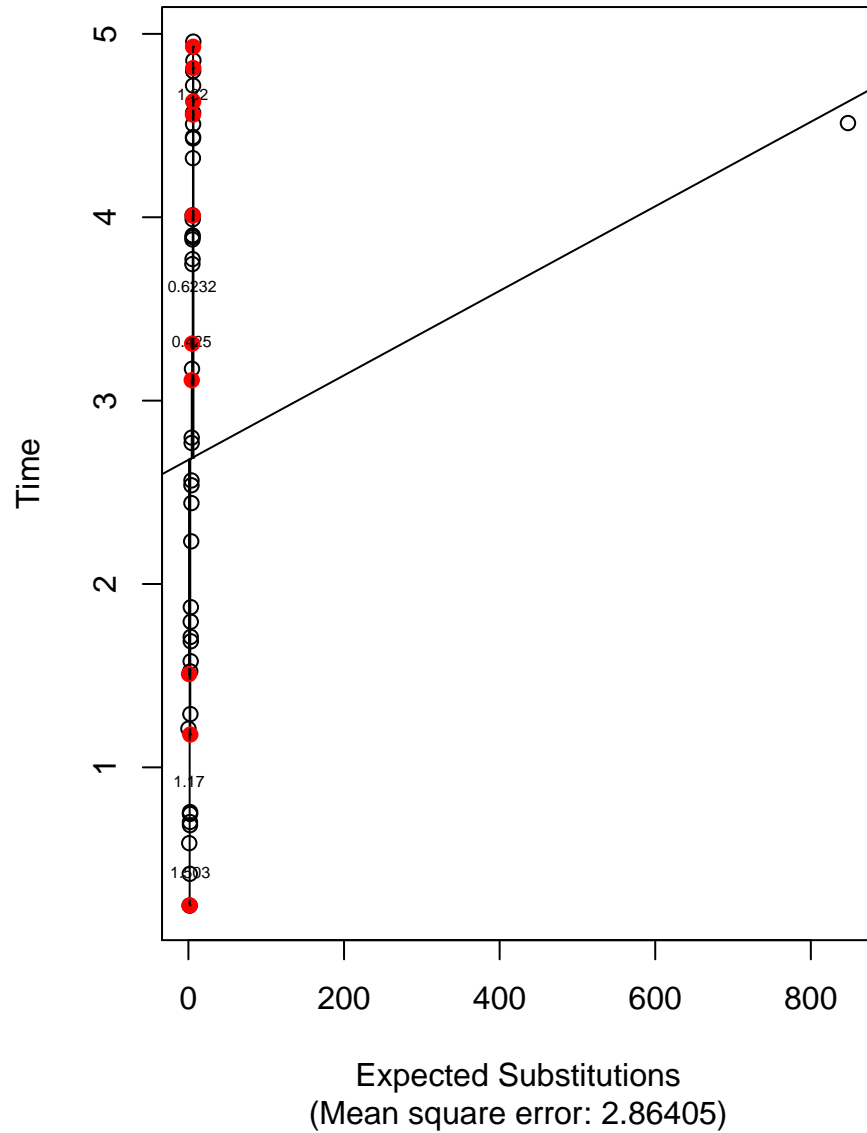


**coal: Simulated-no.6 (Remove 10)**

## Time vs Distance



Time vs Distance

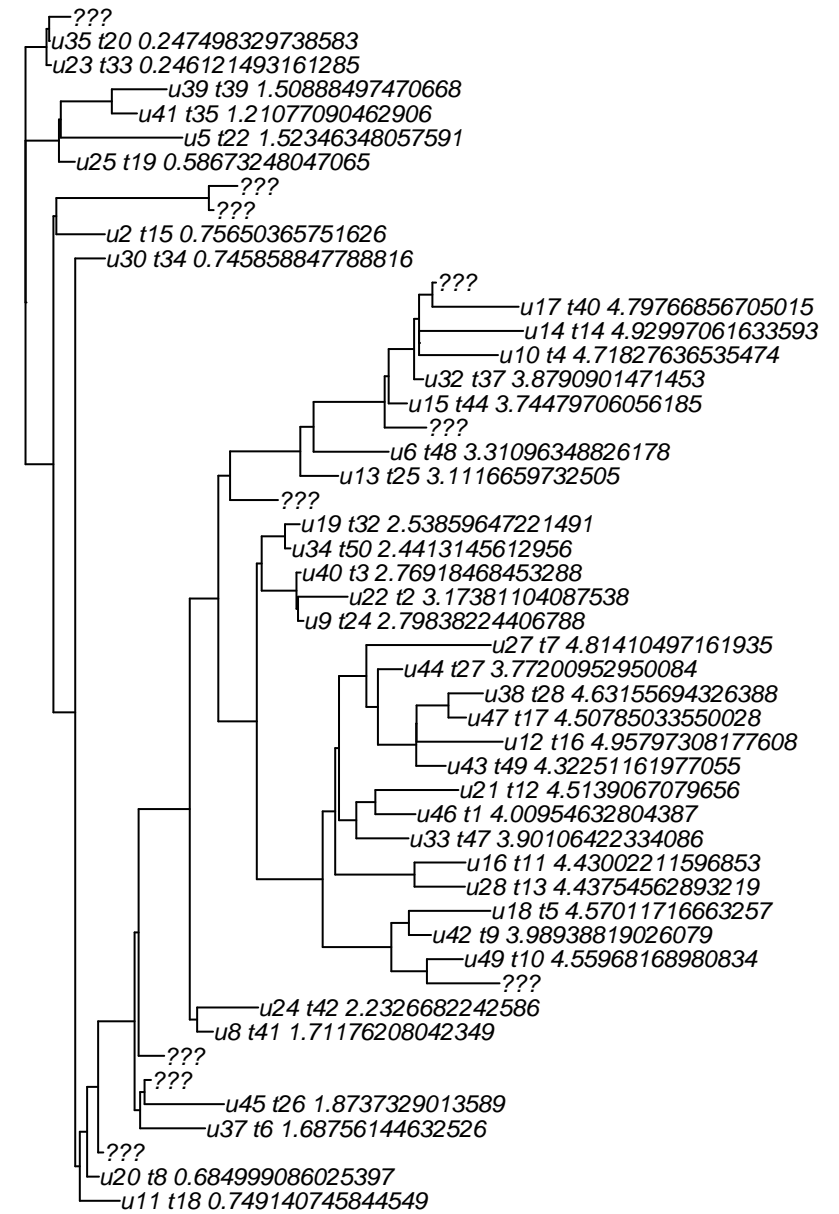
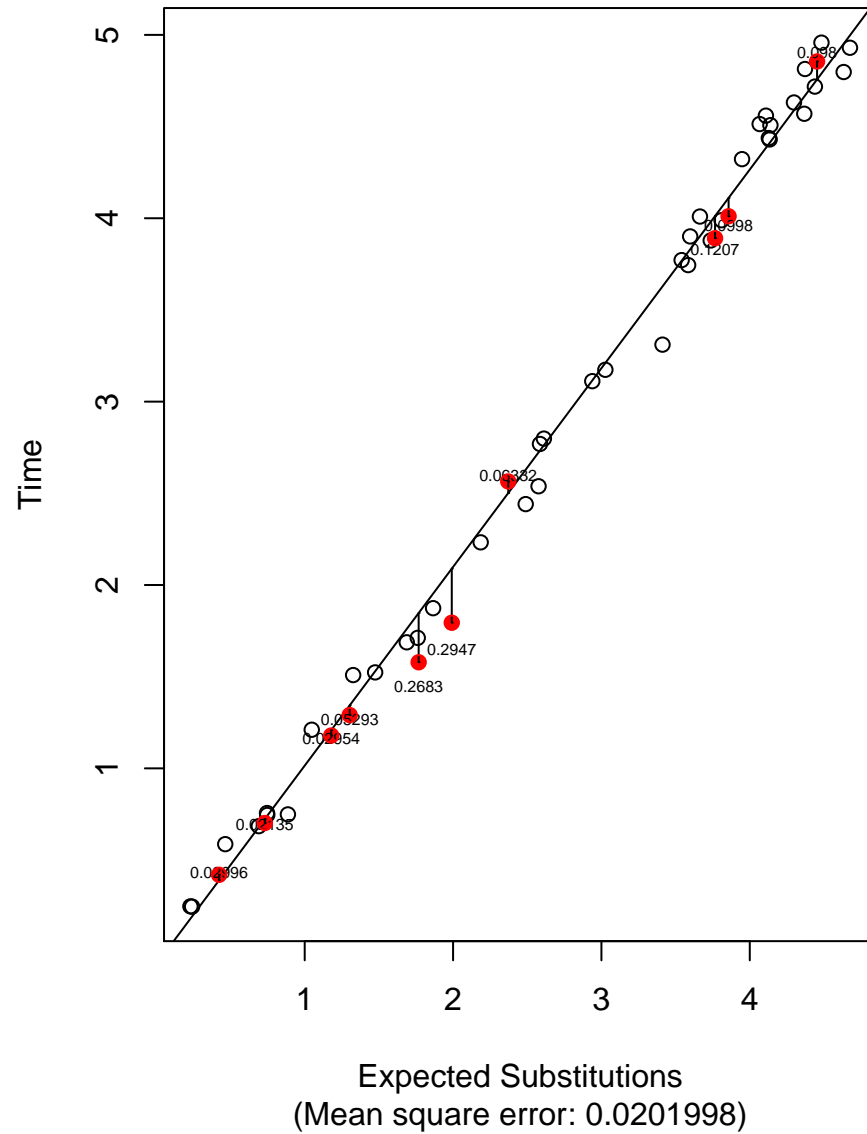


```

u20 t35 1.21077090462906
???
u28 t22 1.52346348057591
u30 t26 1.8737329013589
???
u33 t40 4.79766856705015
u5 t36 4.01106646283624
u43 t37 3.8790901471453
u15 t4 4.71827636535474
???
u7 t21 3.89138191504624
u27 t44 3.74479706056185
???
???
u34 t31 2.56480967470072
u12 t50 2.4413145612956
u49 t32 2.53859647221491
u11 t27 3.77200952950084
???
???
u29 t17 4.50785033550028
u2 t16 4.95797308177608
u9 t49 4.32251161977055
???
u18 t47 3.90106422334086
u10 t12 4.5139067079656
u26 t11 4.43002211596853
u14 t13 4.43754562893219
u41 t5 4.57011716663257
u13 t9 3.98938819026079
???
u31 t45 4.85511534291257
u48 t2 3.17381104087538
u19 t24 2.79838224406788
u40 t3 2.76918468453288
u45 t42 2.2326682242586
u17 t41 1.71176208042349
u42 t6 1.68756144632526
u22 t23 1.29059012929911
u47 t43 0.702097748967041
u46 t8 0.684999086025397
u1 t34 0.745858847788816
u23 t18 0.749140745844549
u36 t15 0.75650365751626
u16 t46 1.79437148050563
u50 t38 1.57881450162092
u37 t29 0.41956209052182
???
u8 t33 0.246121493161285
u21 t19 0.58673248047065

```

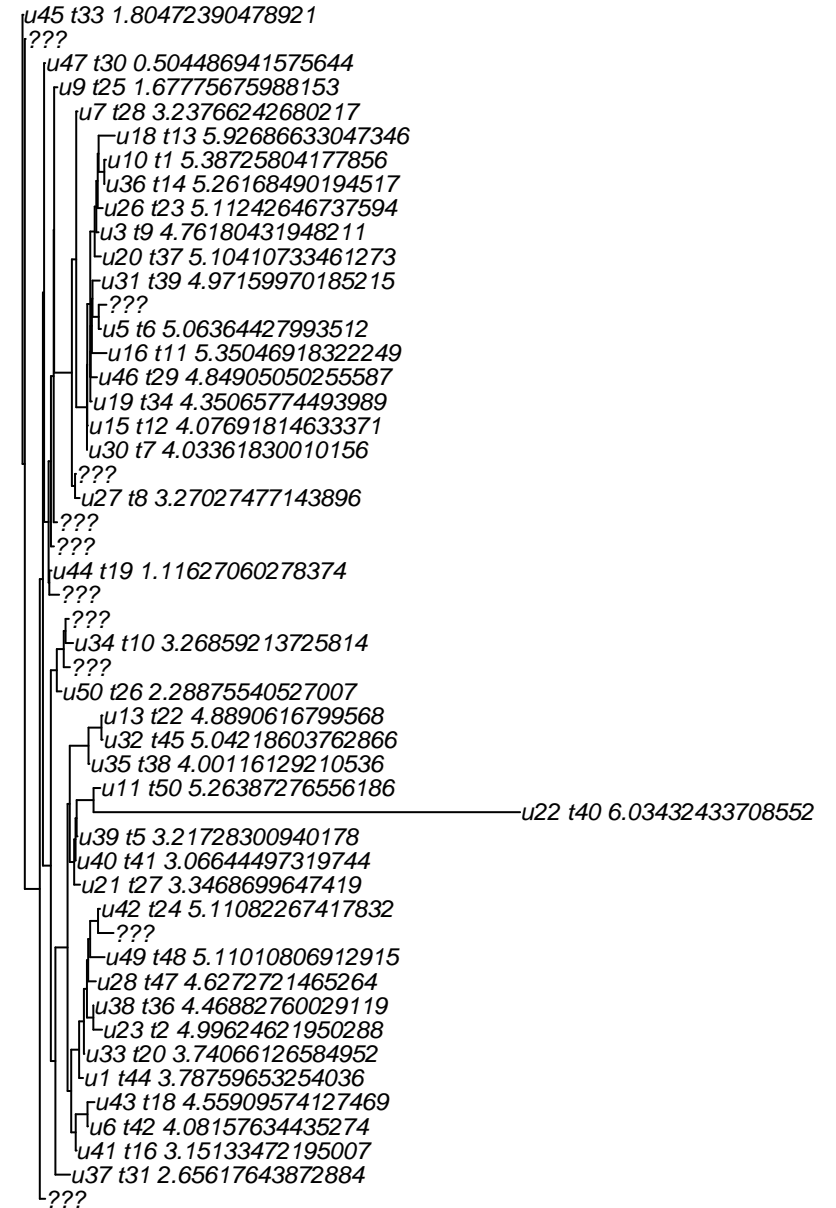
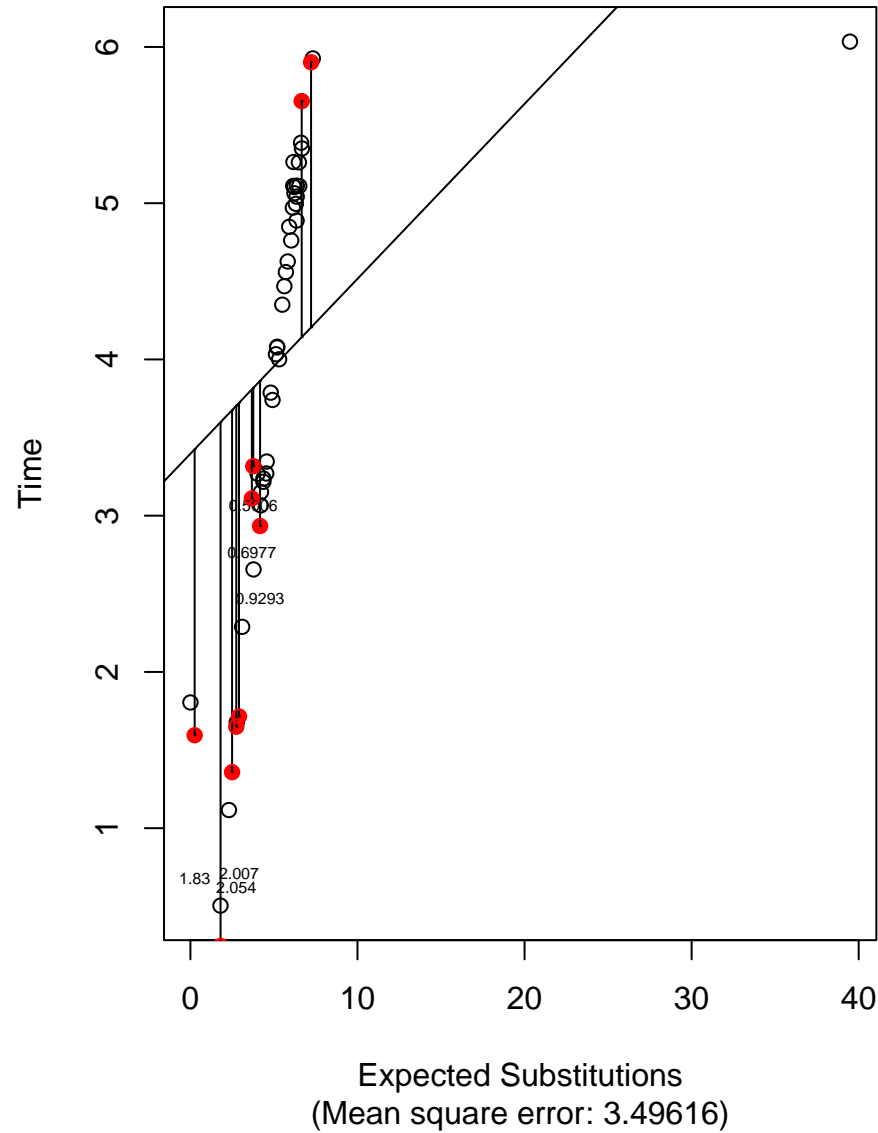
## Time vs Distance





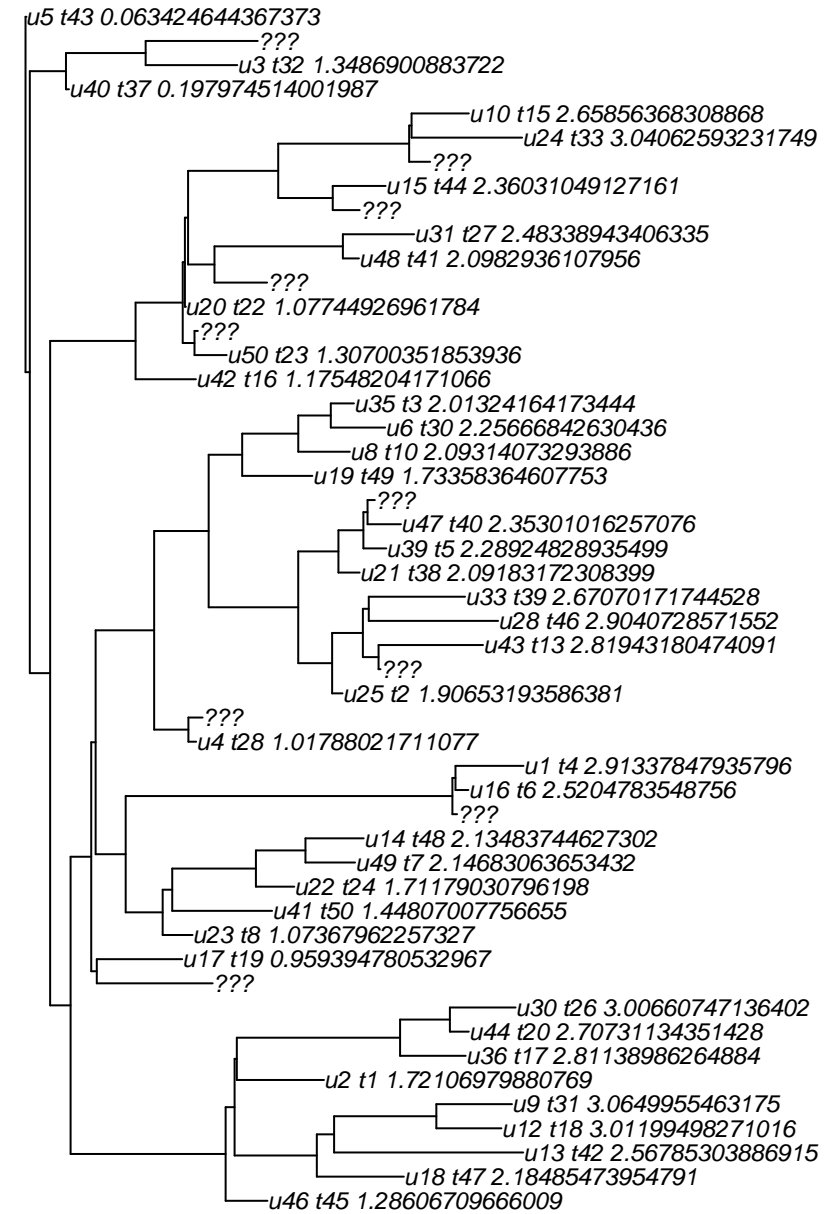
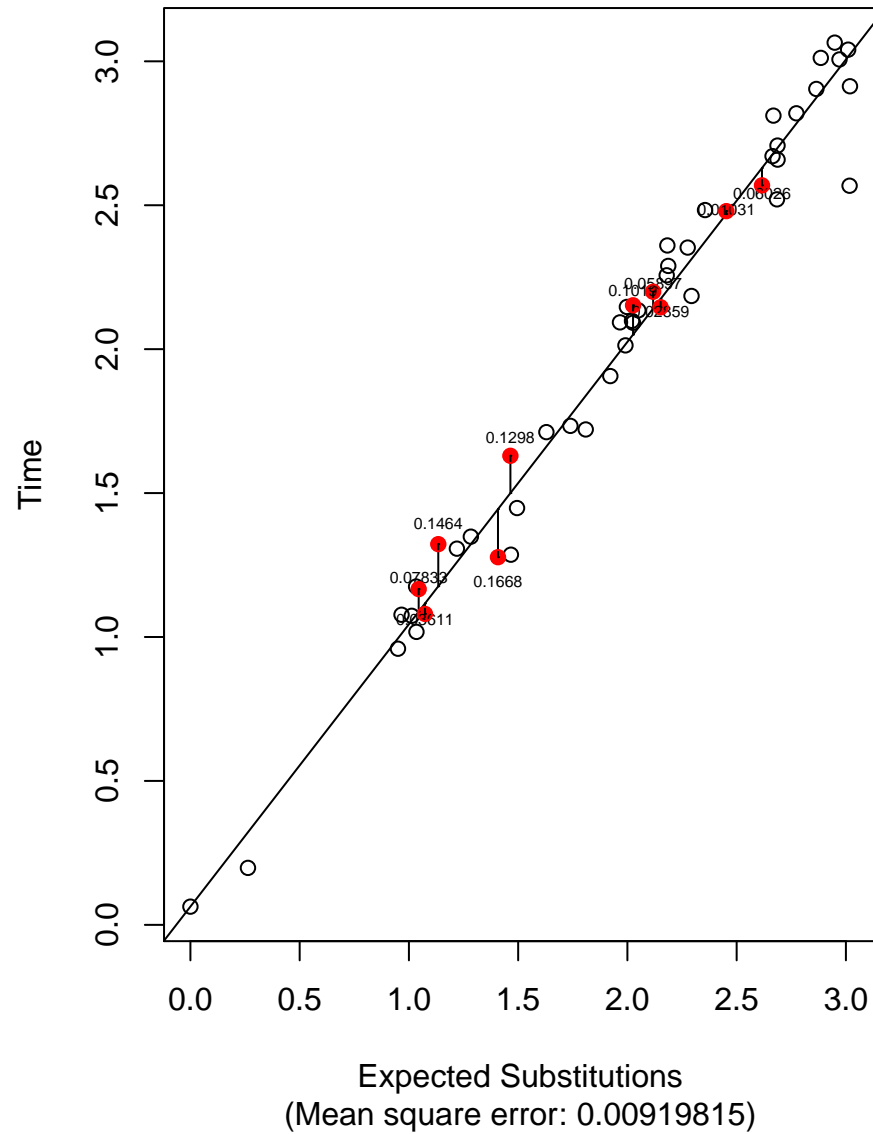
# coal: Simulated-no.9 (Remove 10)

## Time vs Distance

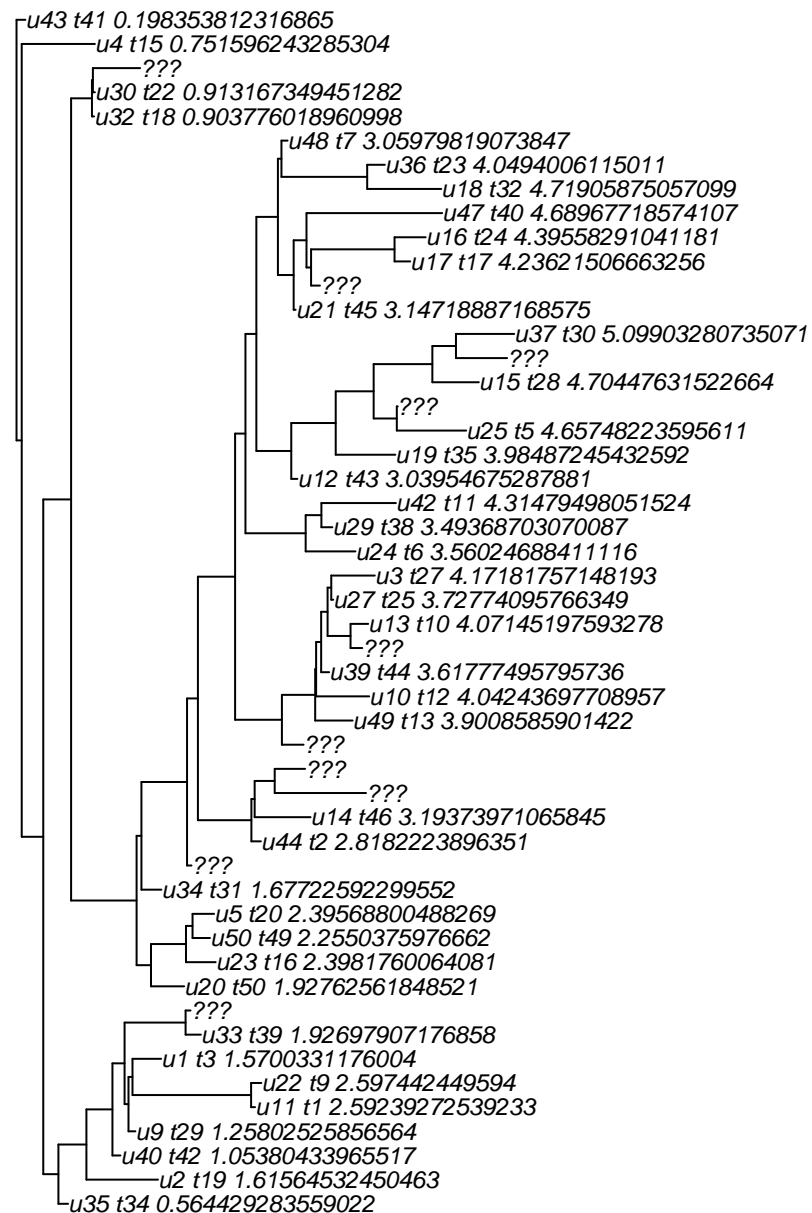


## coal: Simulated-no.10 (Remove 10)

### Time vs Distance

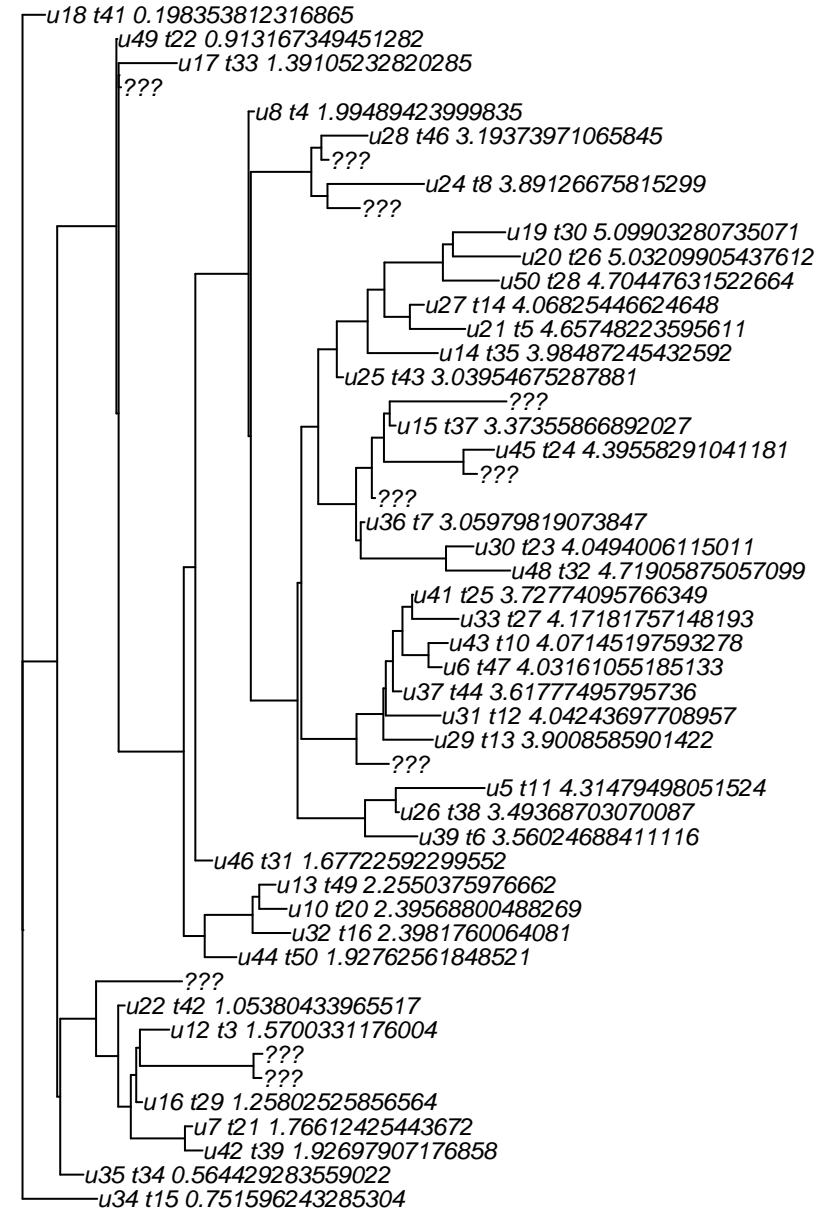
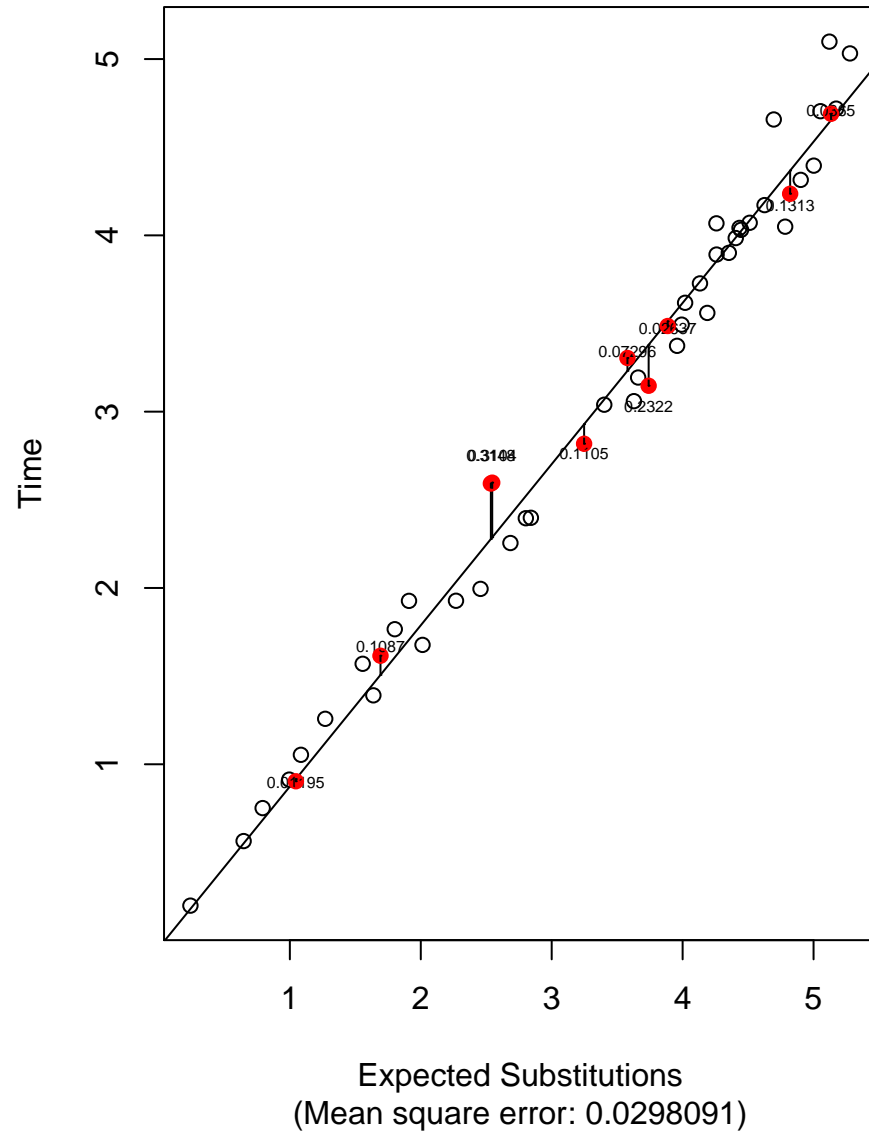


## Time vs Distance

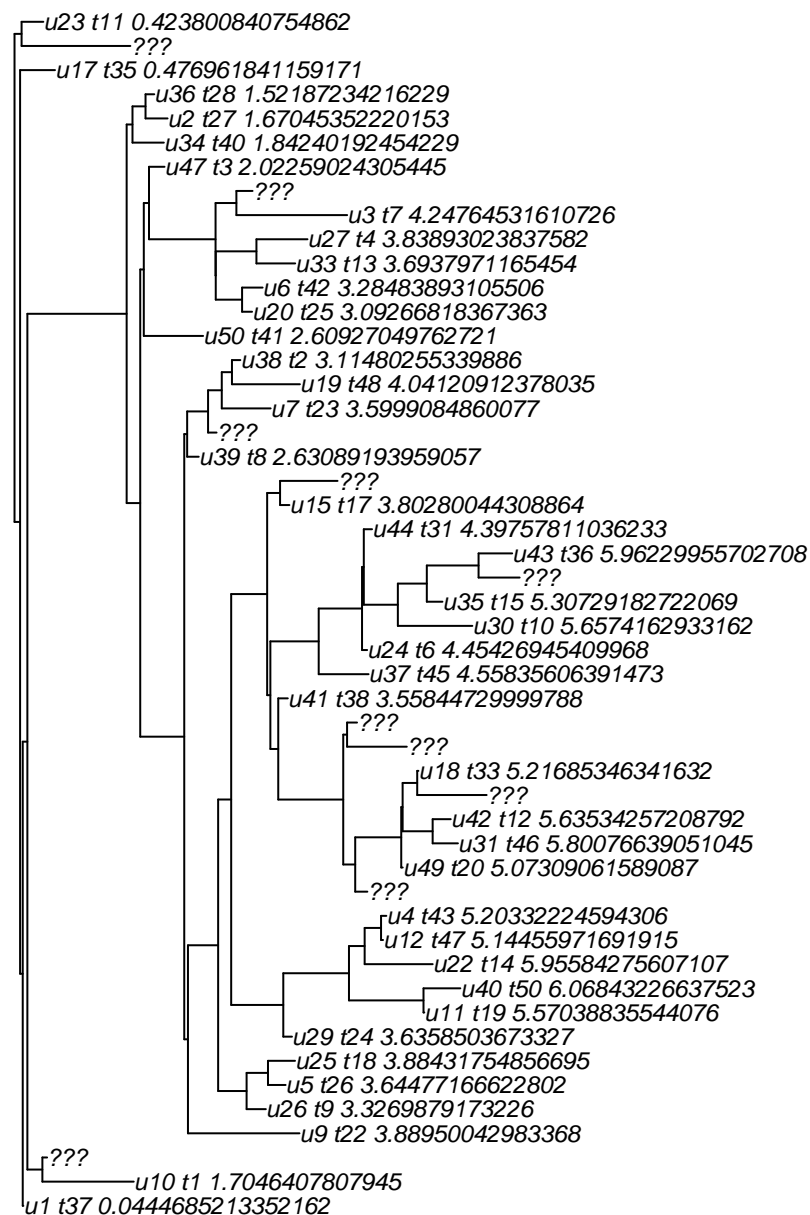
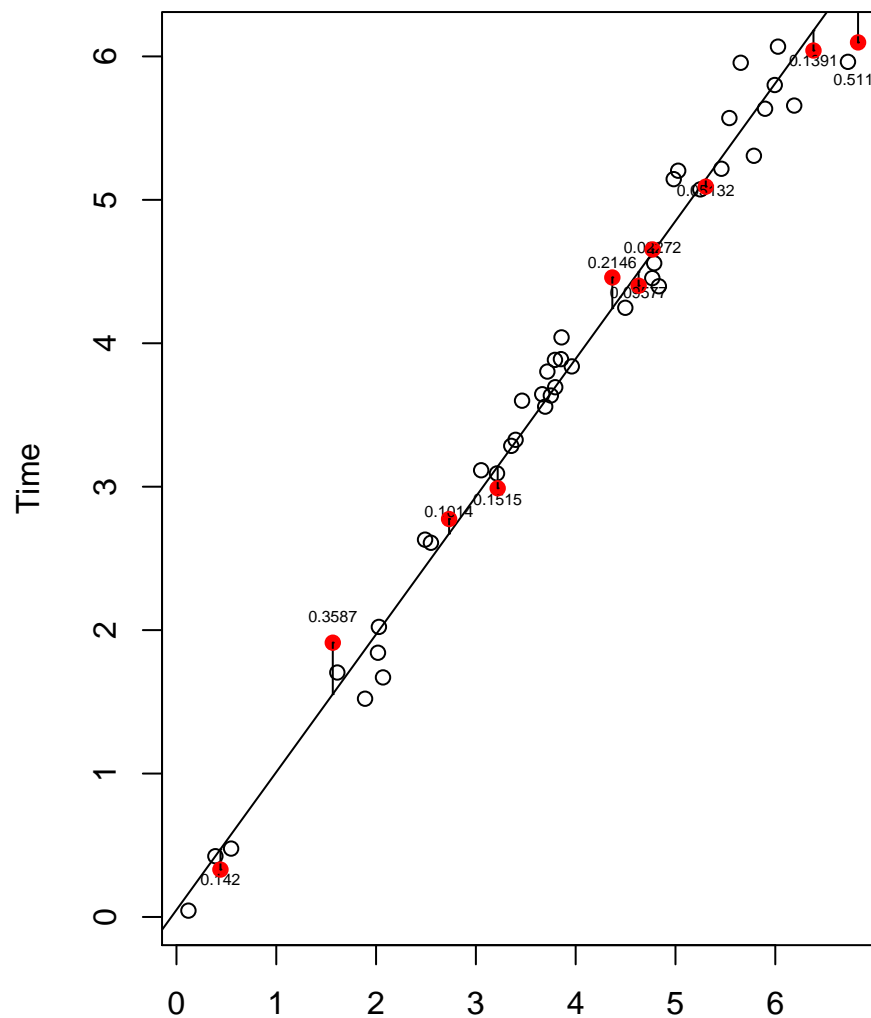


# coal: Simulated-no.12 (Remove 10)

## Time vs Distance

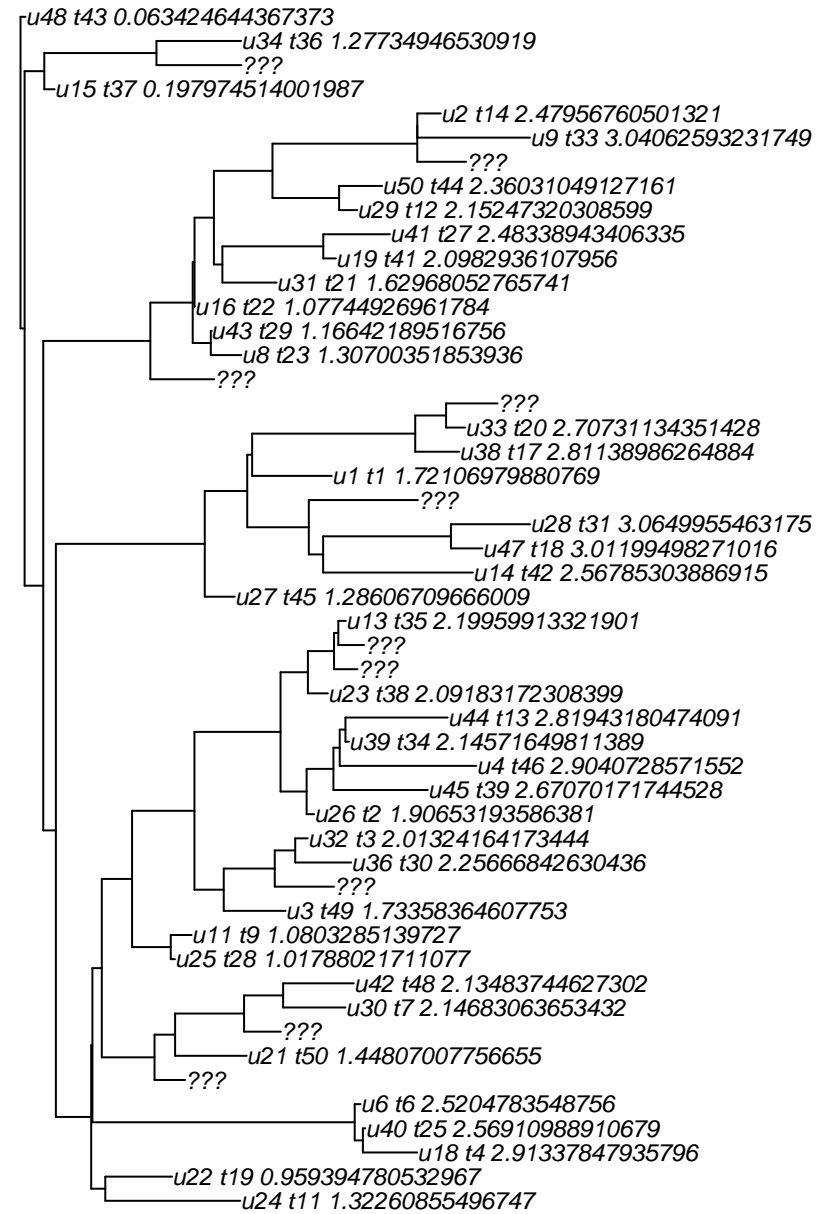
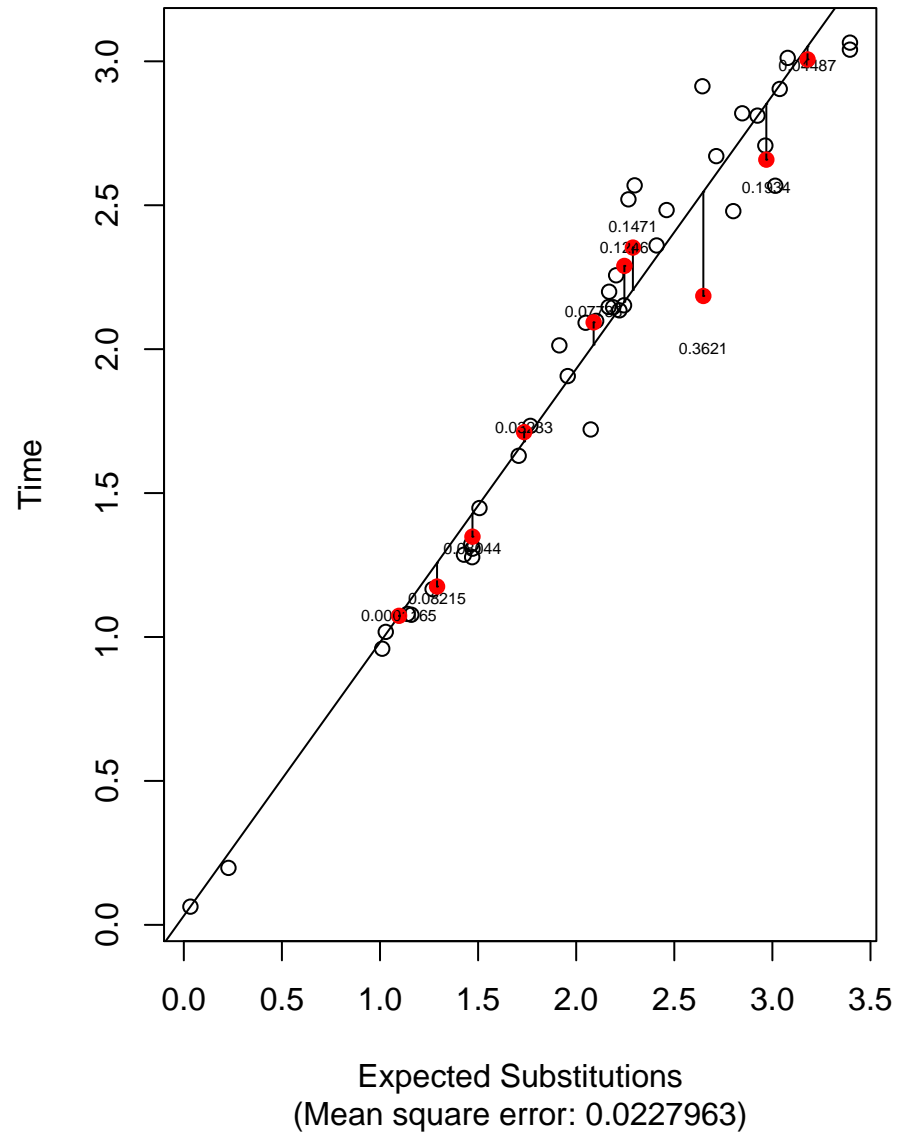


Time vs Distance



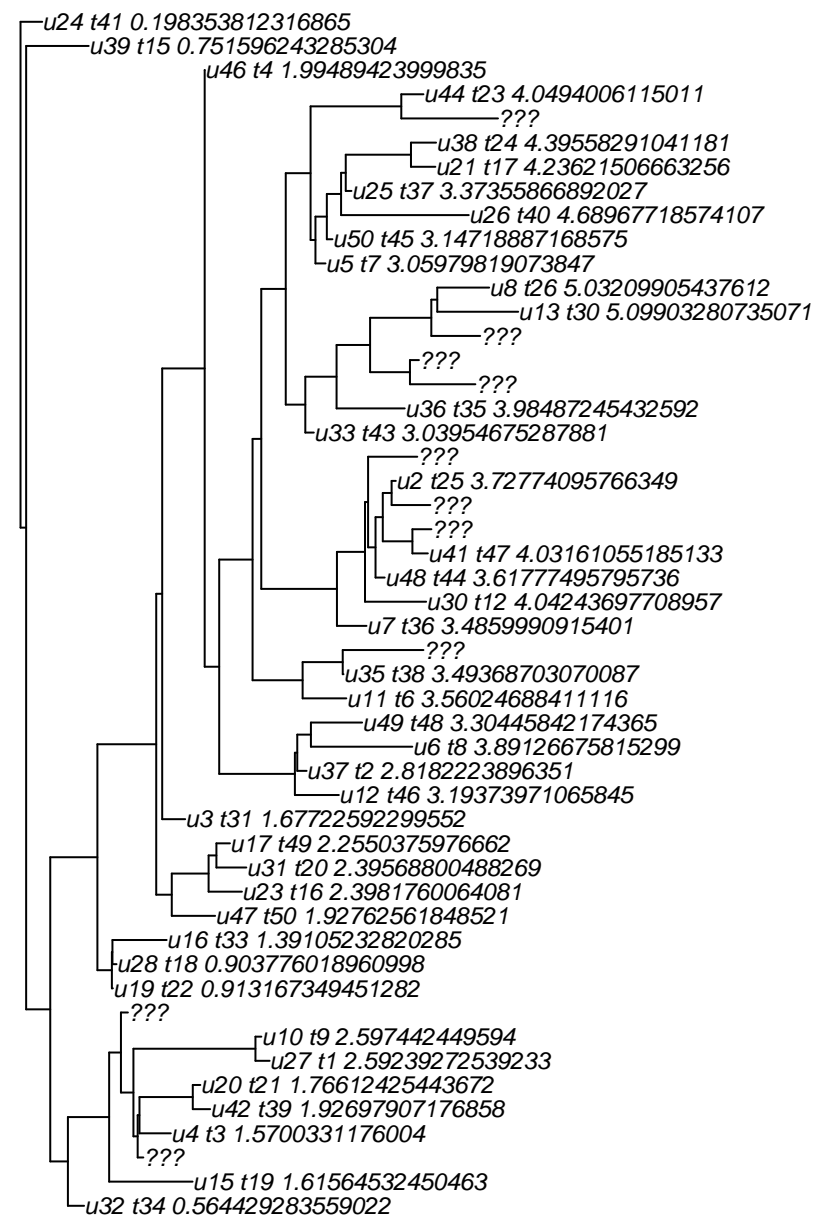
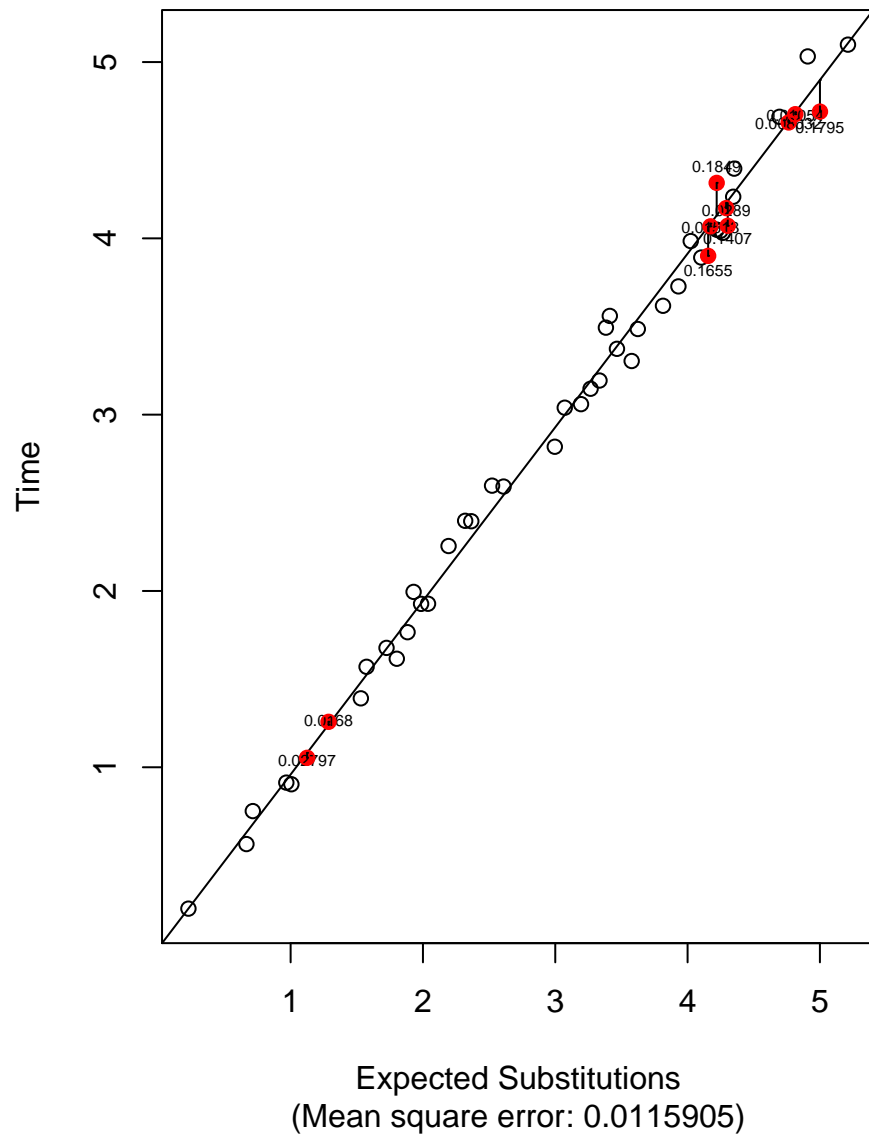
## coal: Simulated-no.14 (Remove 10)

### Time vs Distance

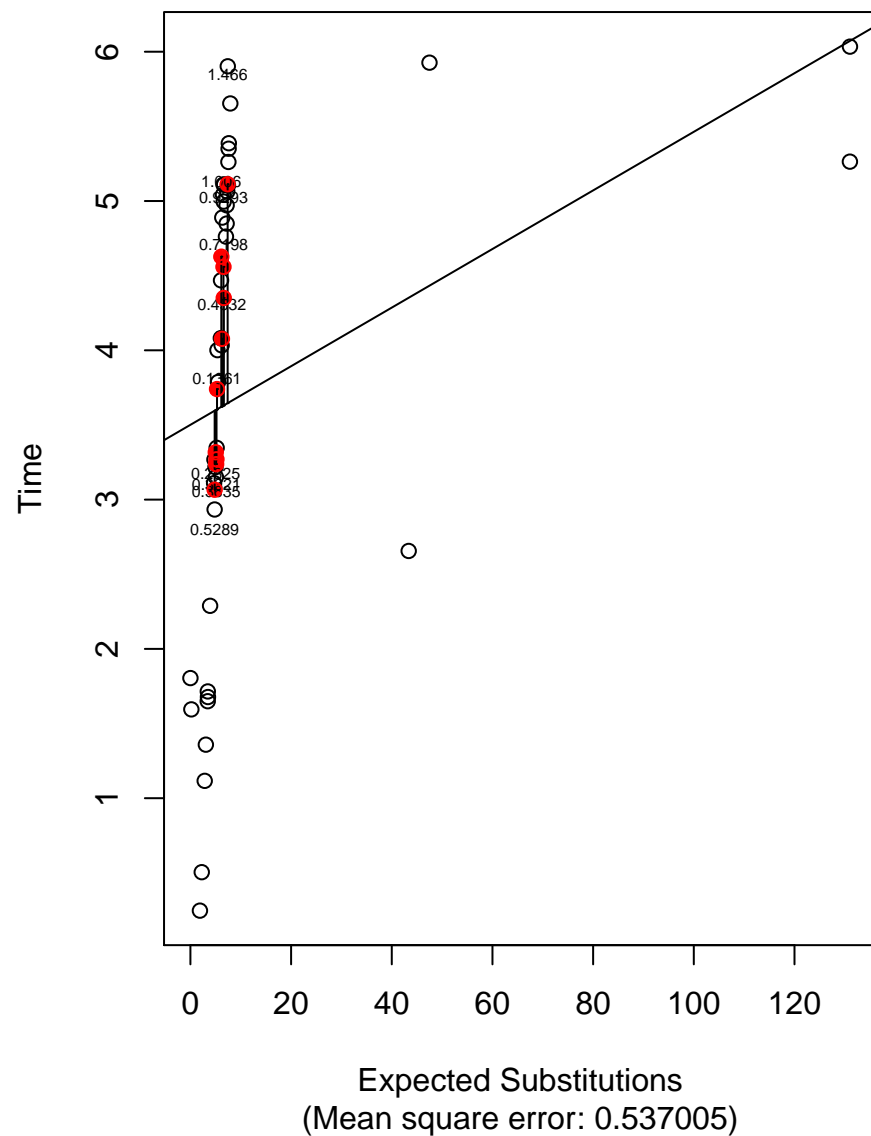


# coal: Simulated-no.15 (Remove 10)

## Time vs Distance



Time vs Distance

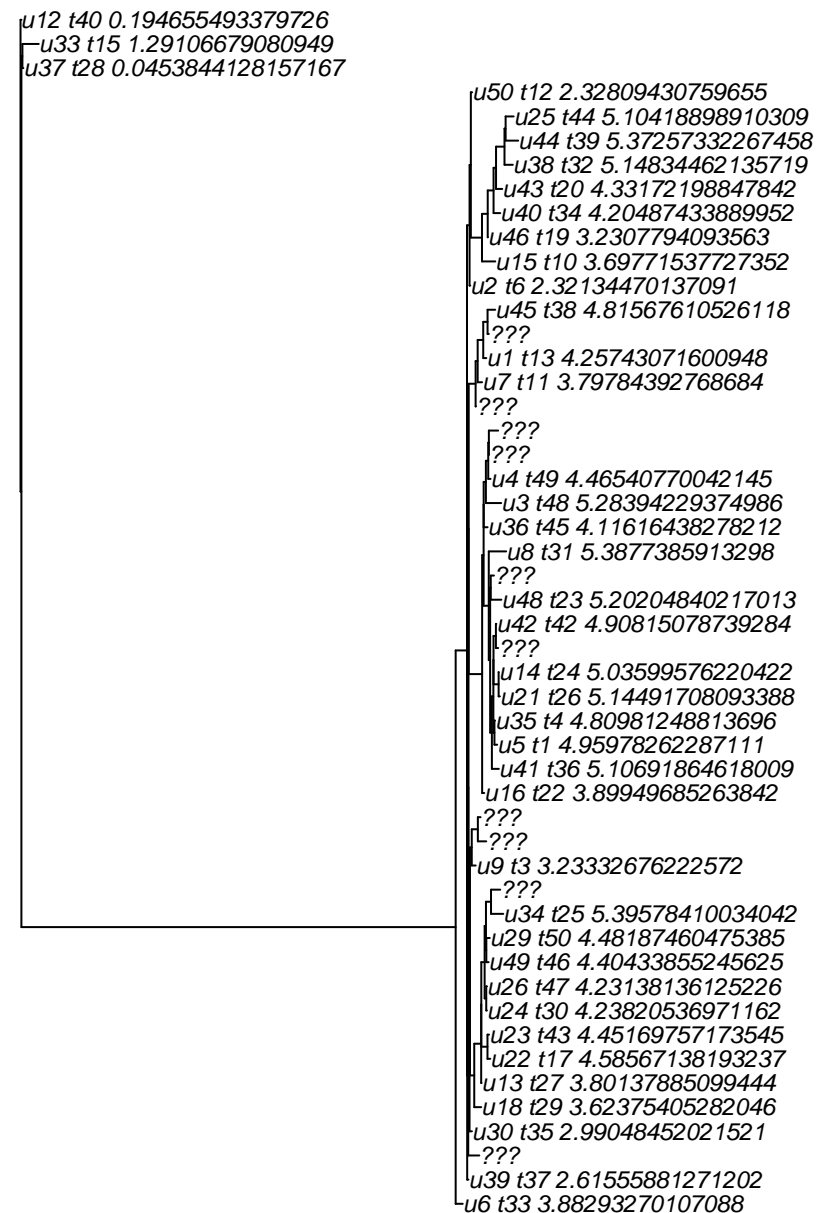
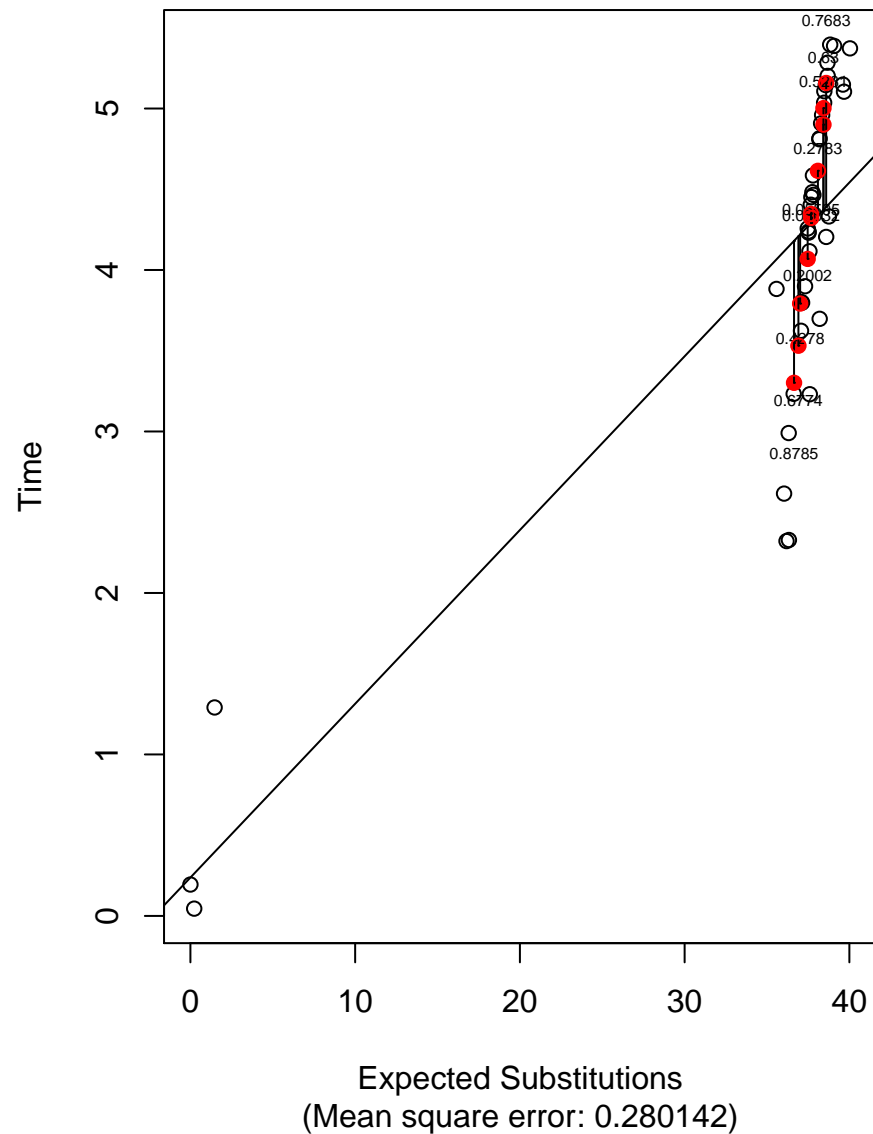


u28 t33 1.80472390478921  
u11 t30 0.504486941575644  
???  
u41 t29 4.84905050255587  
u38 t39 4.97159970185215  
u26 t13 5.92686633047346  
u14 t6 5.06364427993512  
u40 t21 5.65364172975515  
u10 t11 5.35046918322249  
u20 t1 5.38725804177856  
u47 t14 5.26168490194517  
???  
u22 t9 4.76180431948211  
u32 t37 5.10410733461273  
???  
u19 t7 4.03361830010156  
???  
u27 t17 2.93389670614059  
u23 t25 1.67775675988153  
u9 t49 1.64974147715017  
u43 t3 1.35870214610097  
u44 t46 1.71523498289066  
u21 t19 1.11627060278374  
???  
u15 t42 4.08157634435274  
u3 t16 3.15133472195007  
u13 t24 5.11082267417832  
u46 t43 5.90255001356291  
???  
u8 t48 5.11010806912915  
u35 t2 4.99624621950288  
u36 t36 4.46882760029119  
???  
u4 t44 3.78759653254036  
u1 t5 3.21728300940178  
???  
u42 t27 3.3468699647419  
u6 t31 2.65617643872884  
u24 t40 6.03432433708552  
u2 t50 5.26387276556186  
u5 t22 4.8890616799568  
u50 t45 5.04218603762866  
u17 t38 4.00116129210536  
u30 t10 3.26859213725814  
u49 t15 3.11039064651279  
???  
u18 t26 2.28875540527007  
u34 t32 0.247080521075986  
u7 t4 1.59505704710215



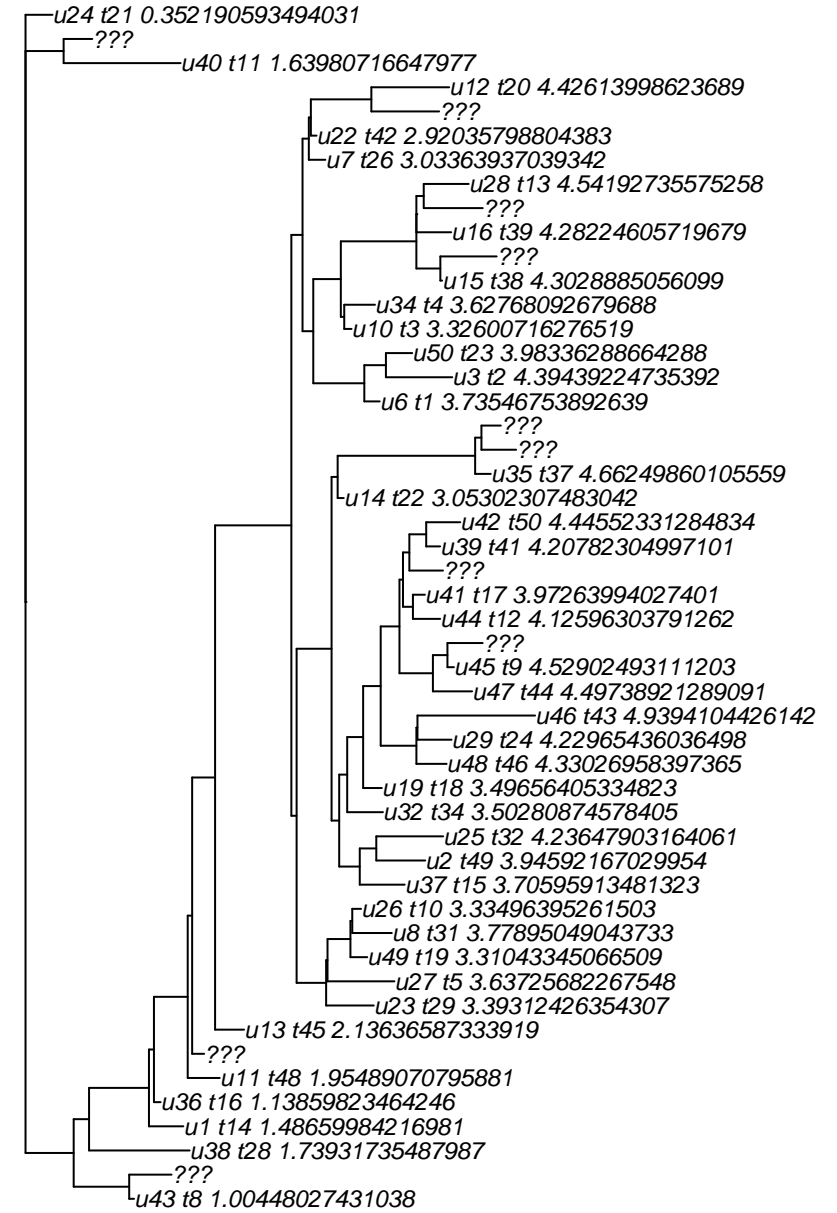
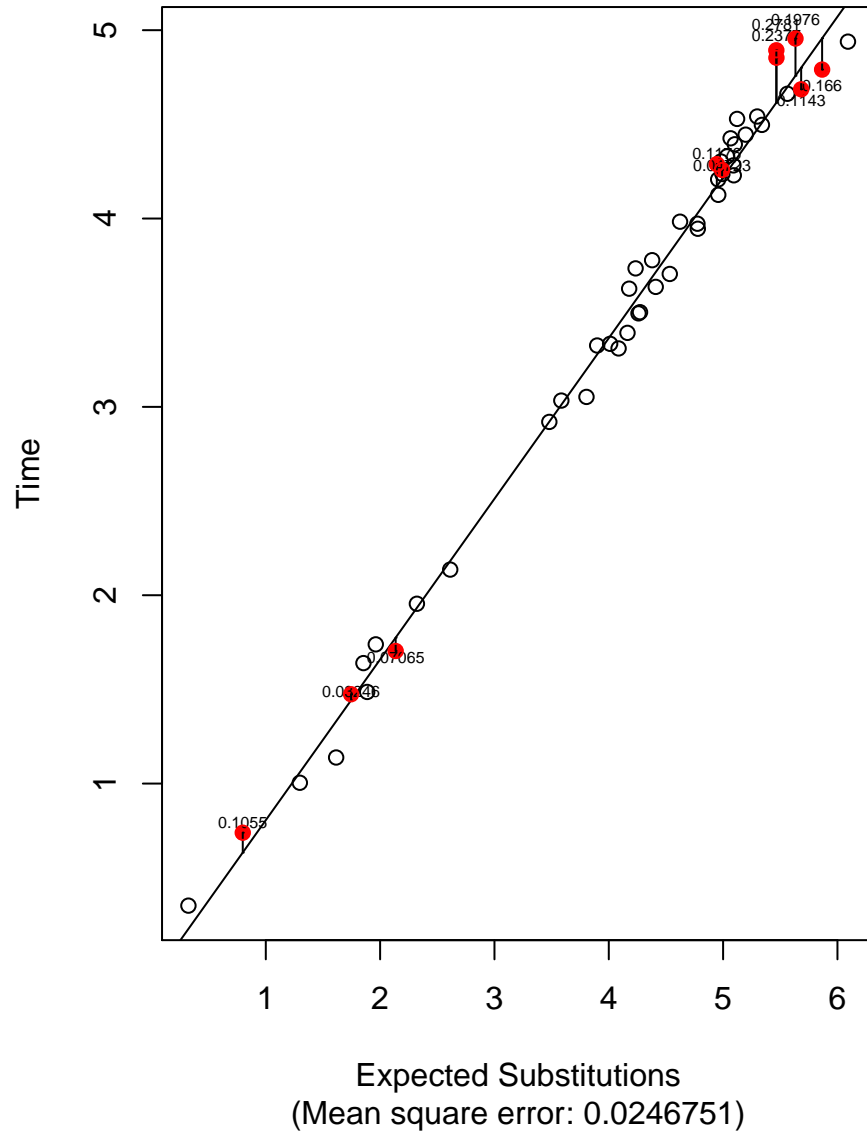
# coal: Simulated-no.17 (Remove 10)

## Time vs Distance



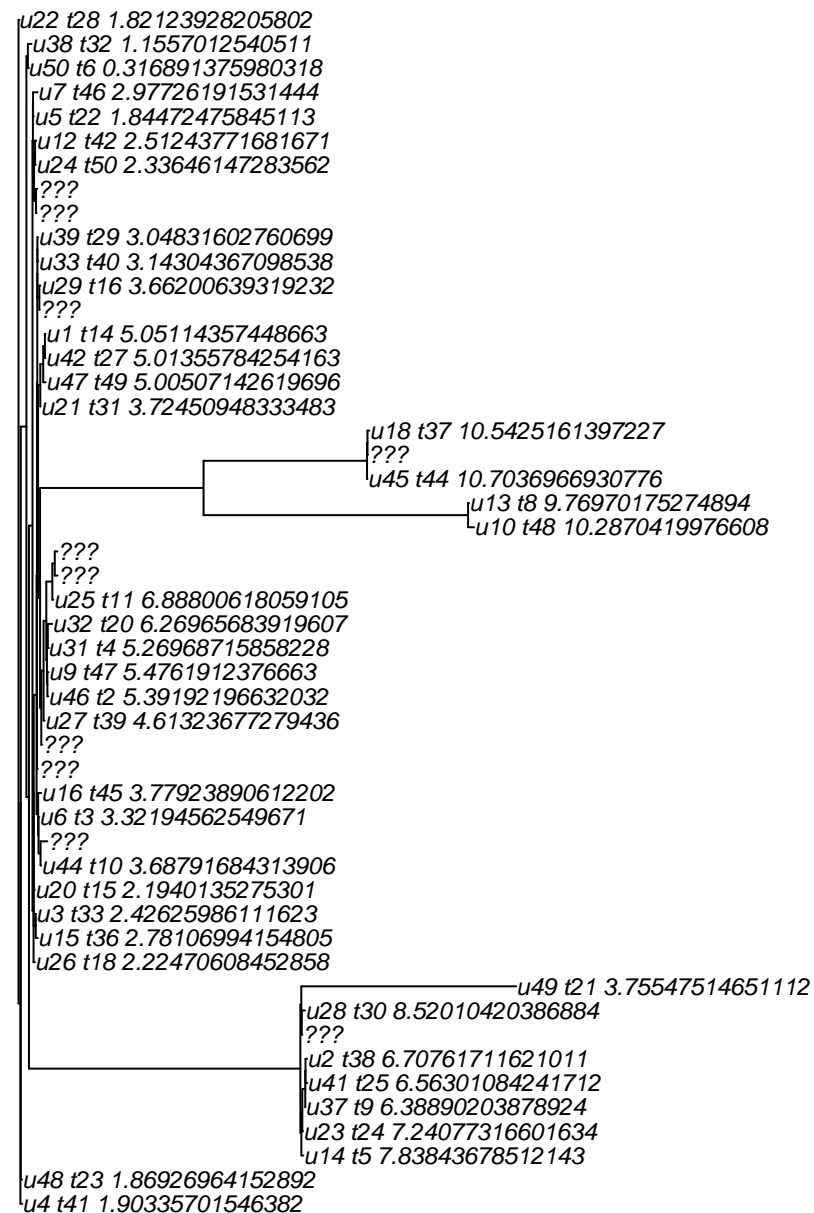
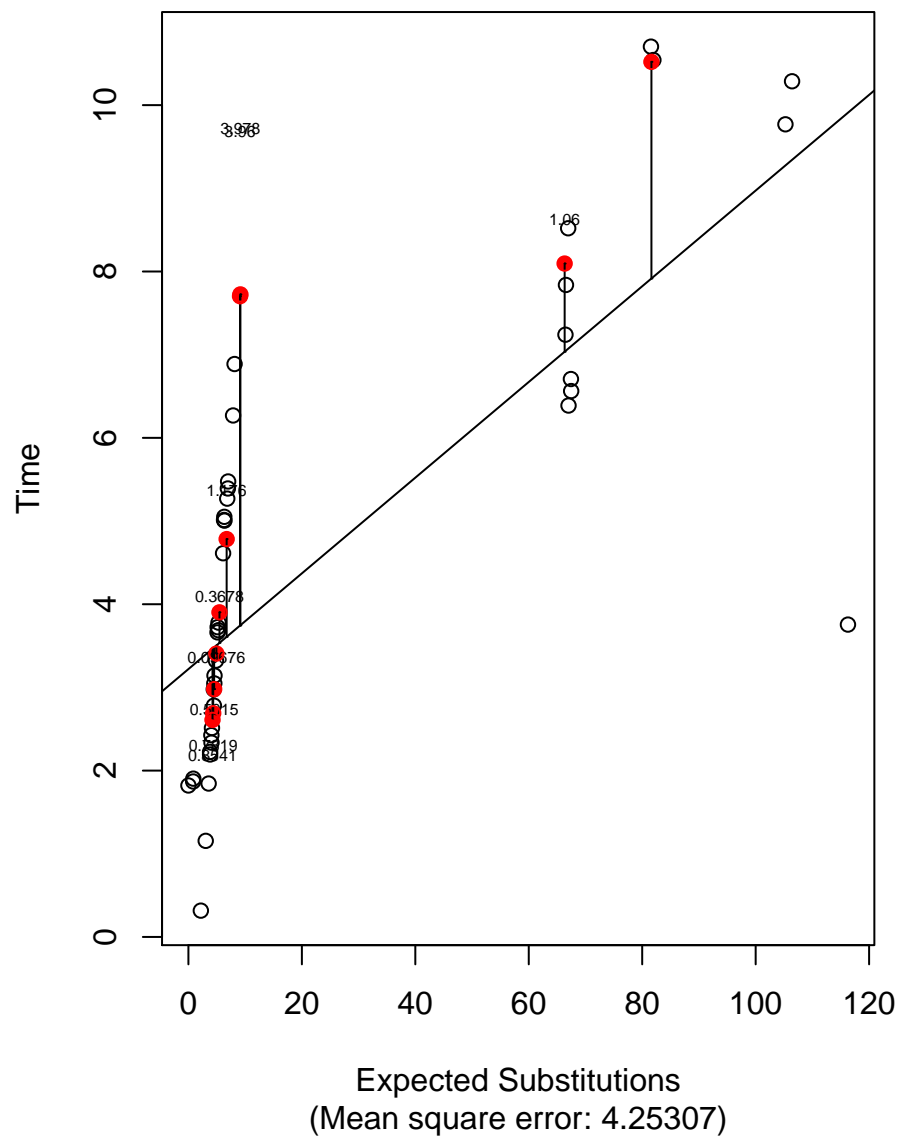
# coal: Simulated-no.18 (Remove 10)

## Time vs Distance

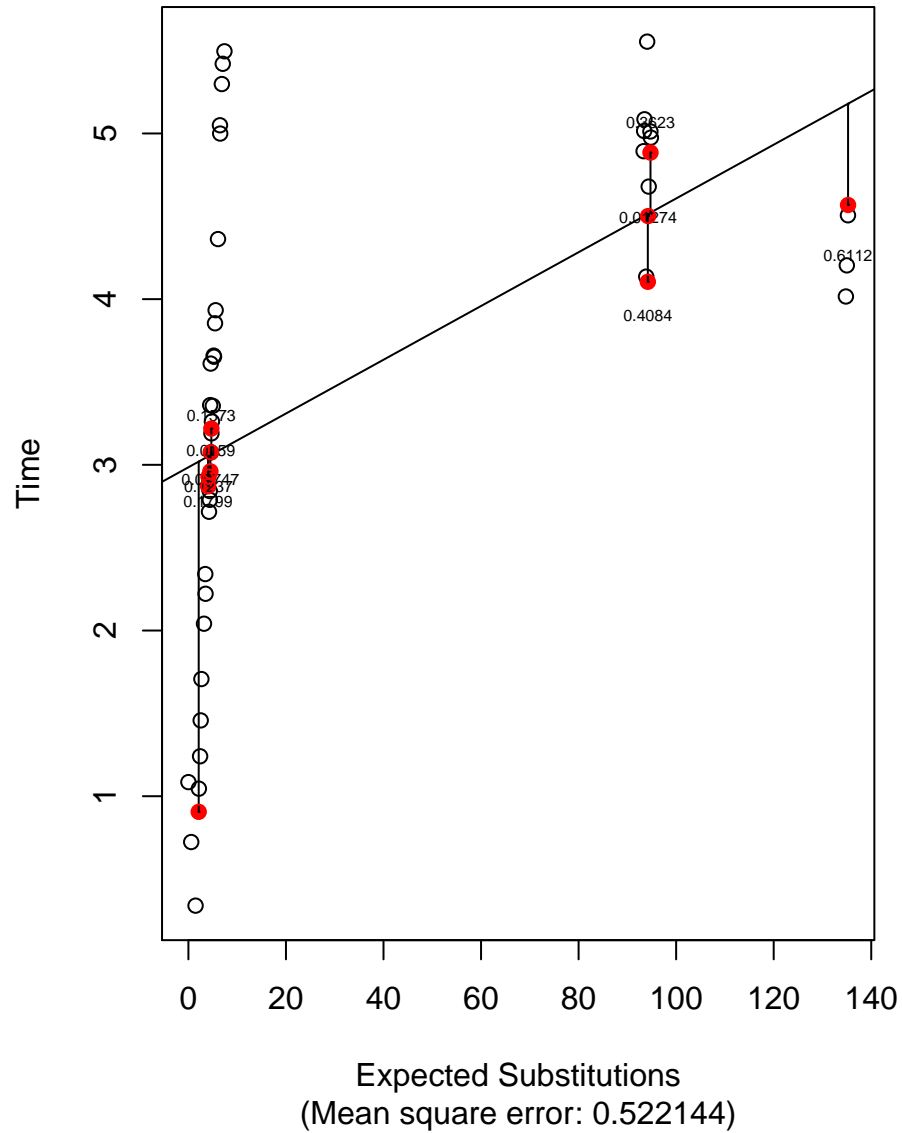


**coal: Simulated-no.19 (Remove 10)**

## Time vs Distance



Time vs Distance

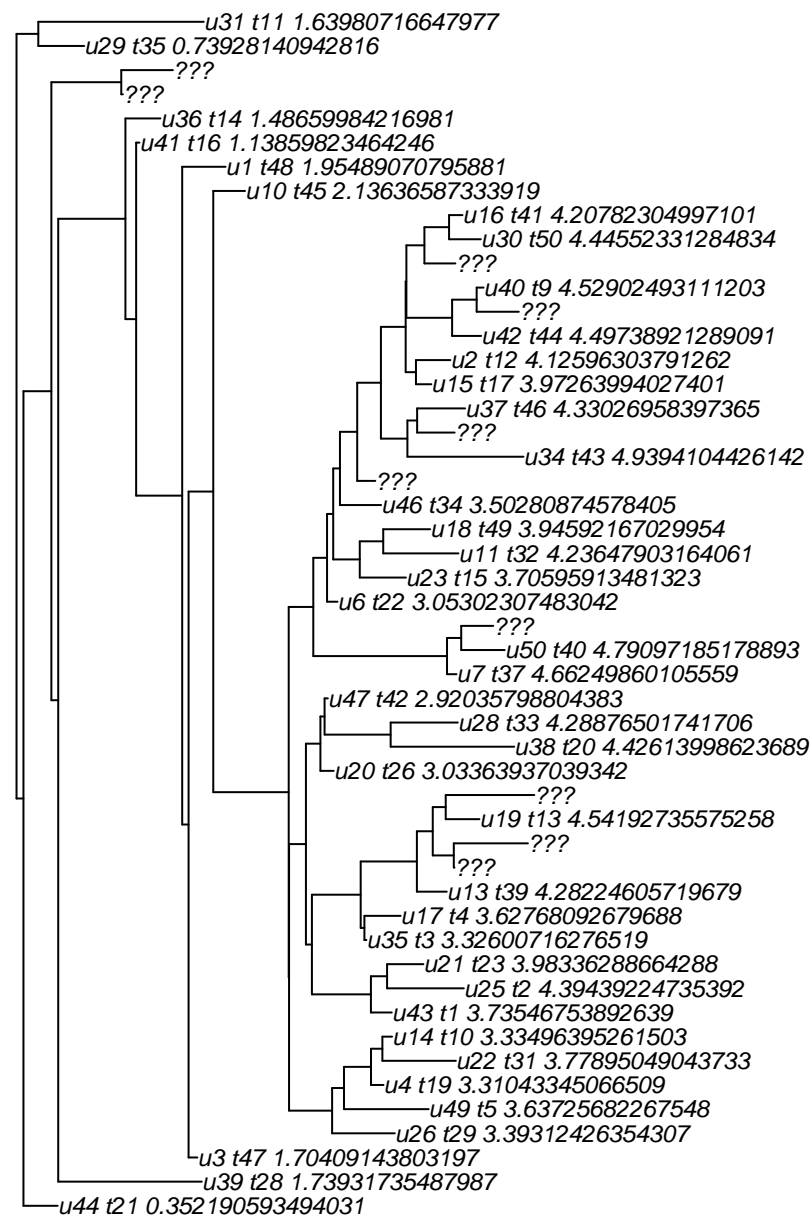


```

u31 t36 1.0852033083708
u30 t10 0.723581283603678
u11 t11 0.339728130312128
u39 t26 2.34097069742324
u3 t28 1.04558246623958
u5 t22 2.22194939746573
u42 t25 1.45757494391226
u1 t13 2.04120682621204
???
???
u33 t47 3.65924761519539
???
u50 t29 2.84200467872162
u18 t5 2.71681141568655
u37 t31 3.26199509440355
u24 t20 3.18988648364878
u6 t41 2.78895490363107
u22 t40 4.99962130610321
u40 t34 3.85442836819458
u45 t15 3.93328768010973
u20 t27 4.36282934843918
u10 t16 5.42071576635052
u21 t2 5.29831631414537
u34 t9 5.04969531504399
u7 t12 5.49622097922922
u28 t7 3.65244117881958
u23 t24 3.07555186401669
u36 t43 3.35598950371373
???
u16 t48 1.70727327223822
u43 t50 3.3606334975575
u46 t4 3.61125417231769
???
???
u9 t49 4.01631346410753
u14 t19 4.50633754513033
u49 t46 4.20401574089504
u47 t45 4.97509342526189
???
u27 t33 5.01223021939249
???
u29 t42 4.67946608331333
u32 t39 4.13615590124243
???
u17 t37 5.08597008263068
u44 t30 5.01528299001829
u26 t21 5.5545085078039
u15 t17 4.89317367486604
???
u4 t32 1.24114548256182

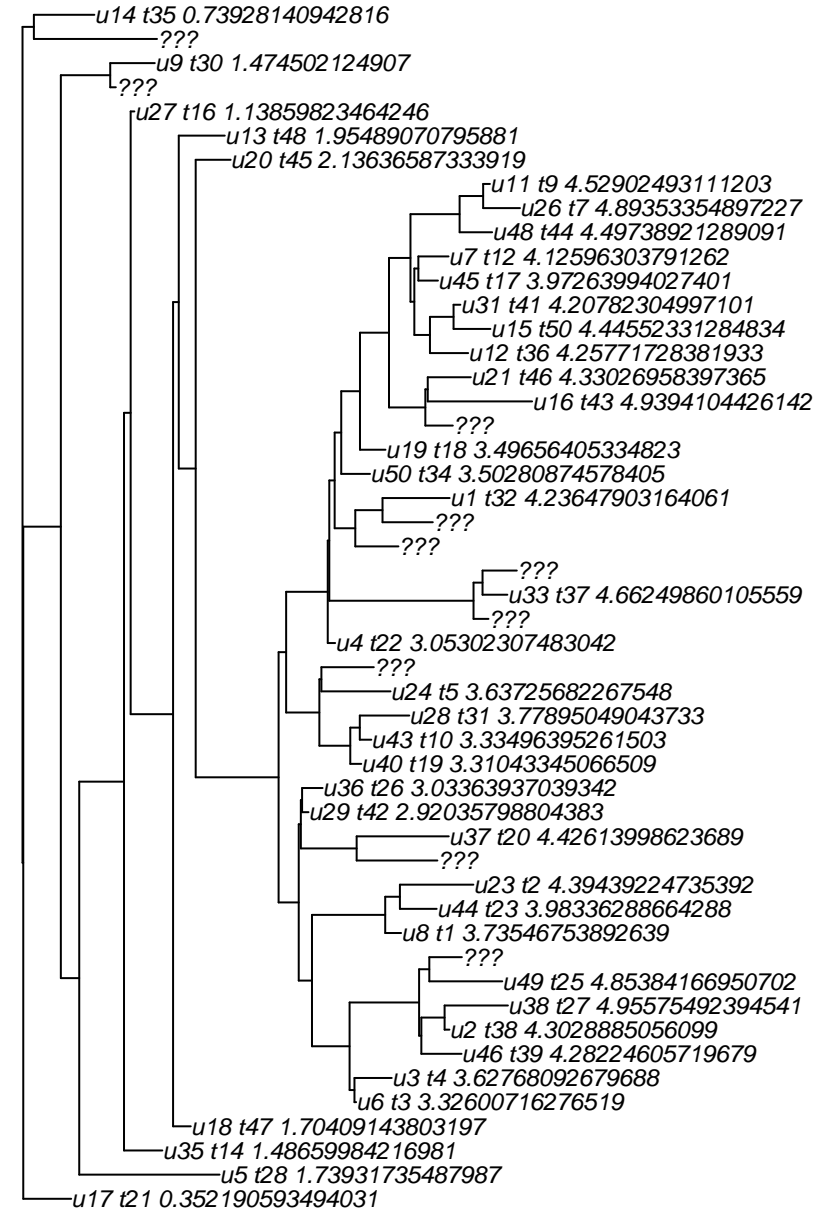
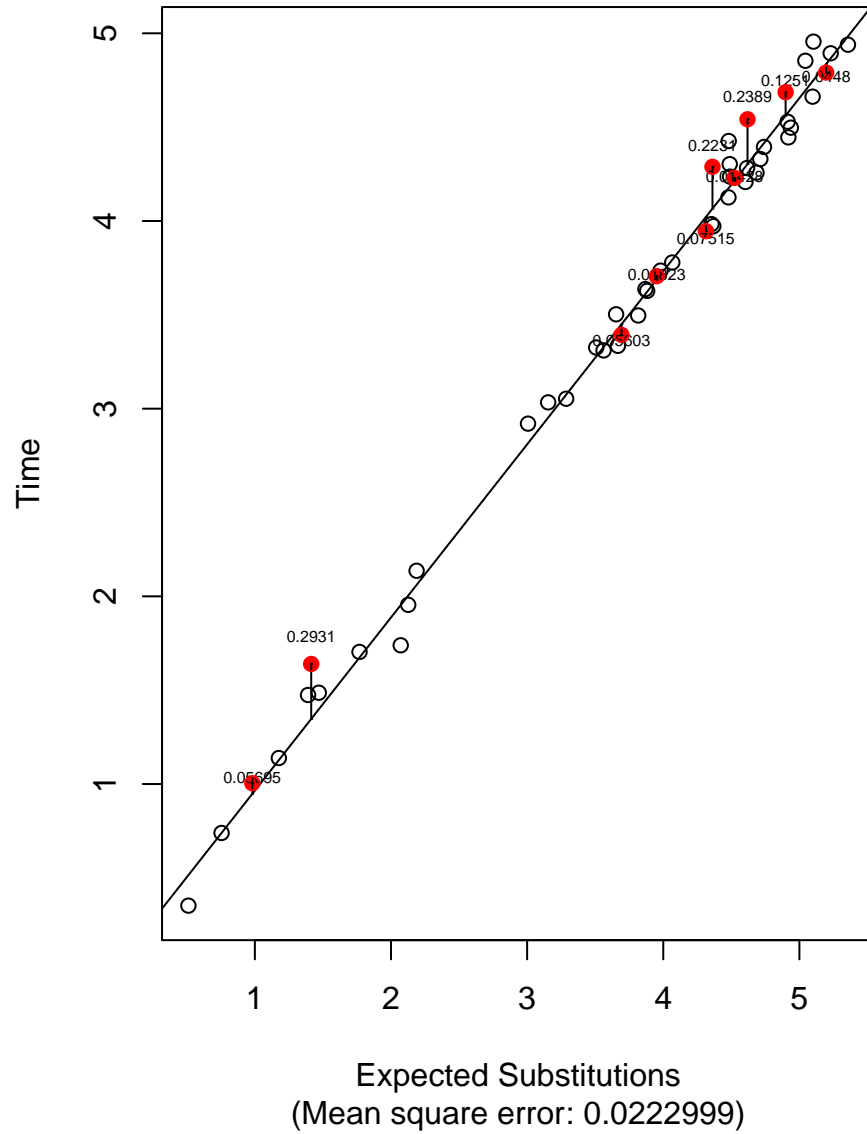
```

## Time vs Distance



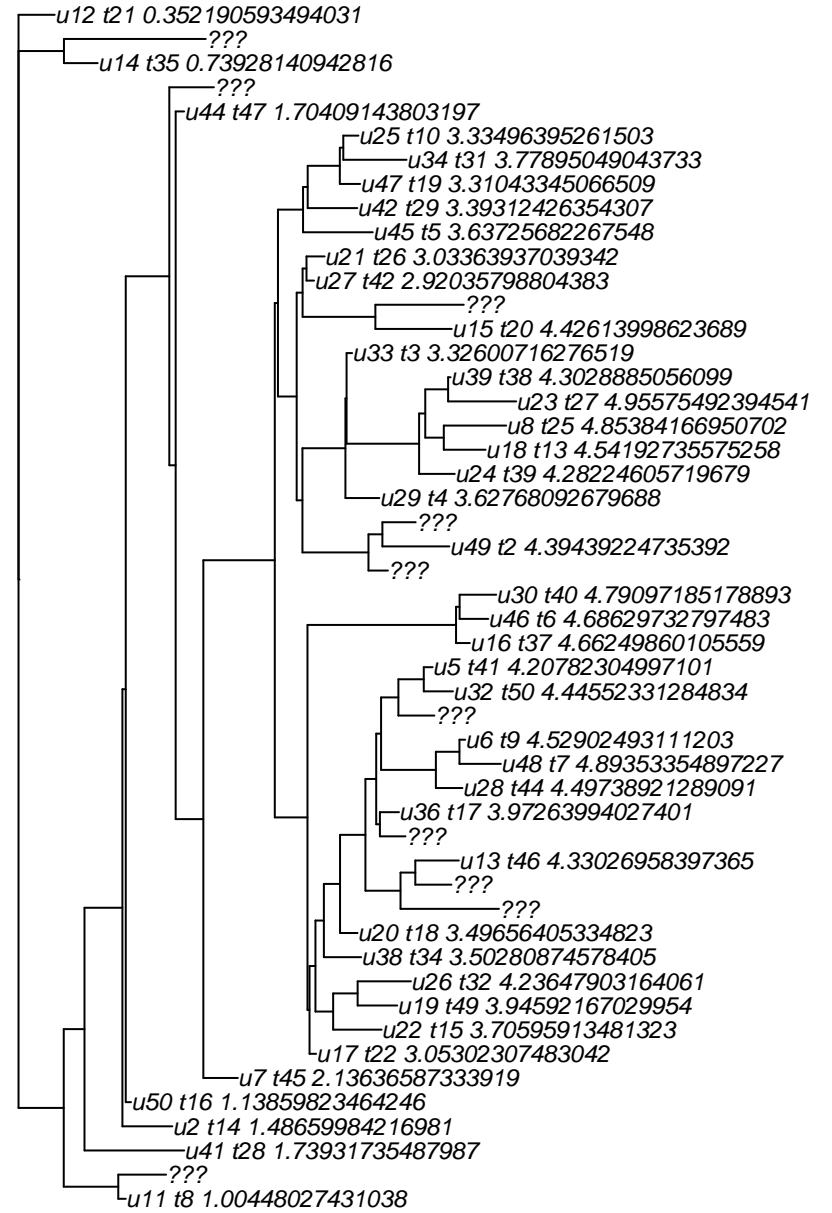
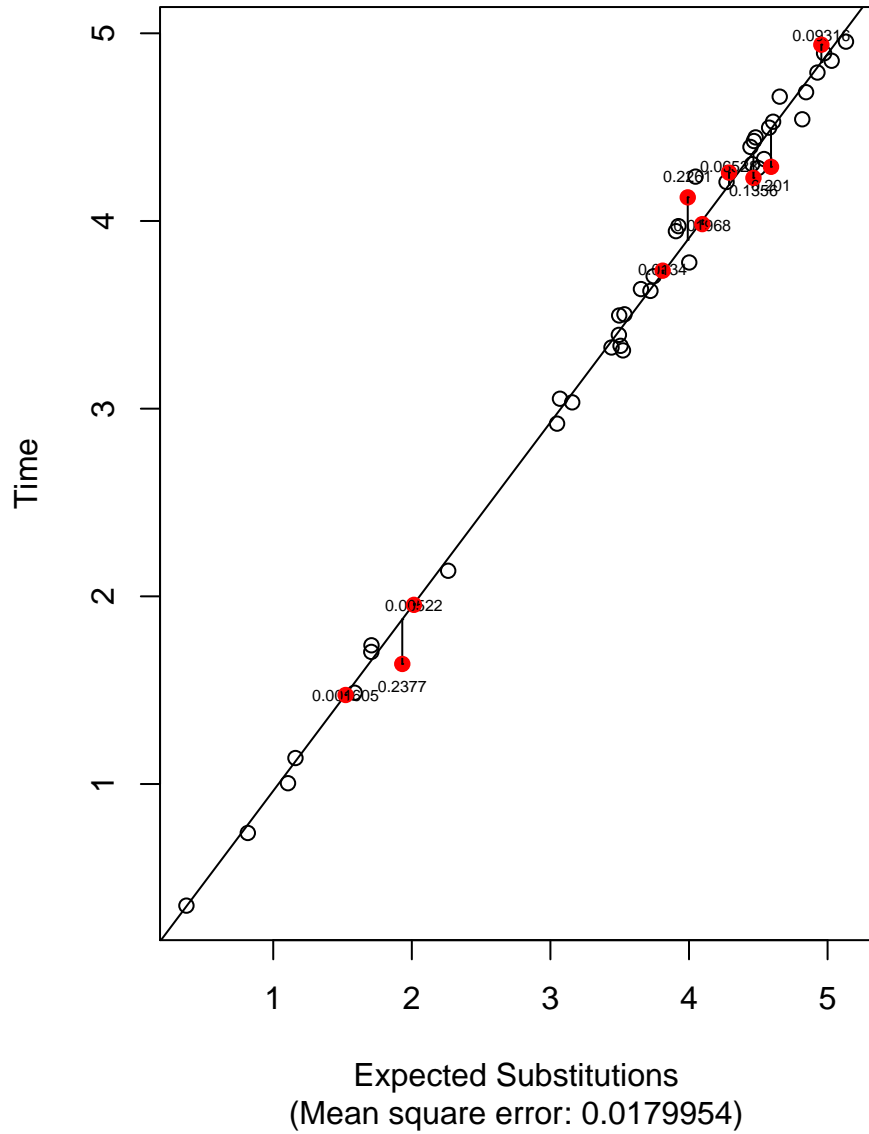
# coal: Simulated-no.22 (Remove 10)

## Time vs Distance



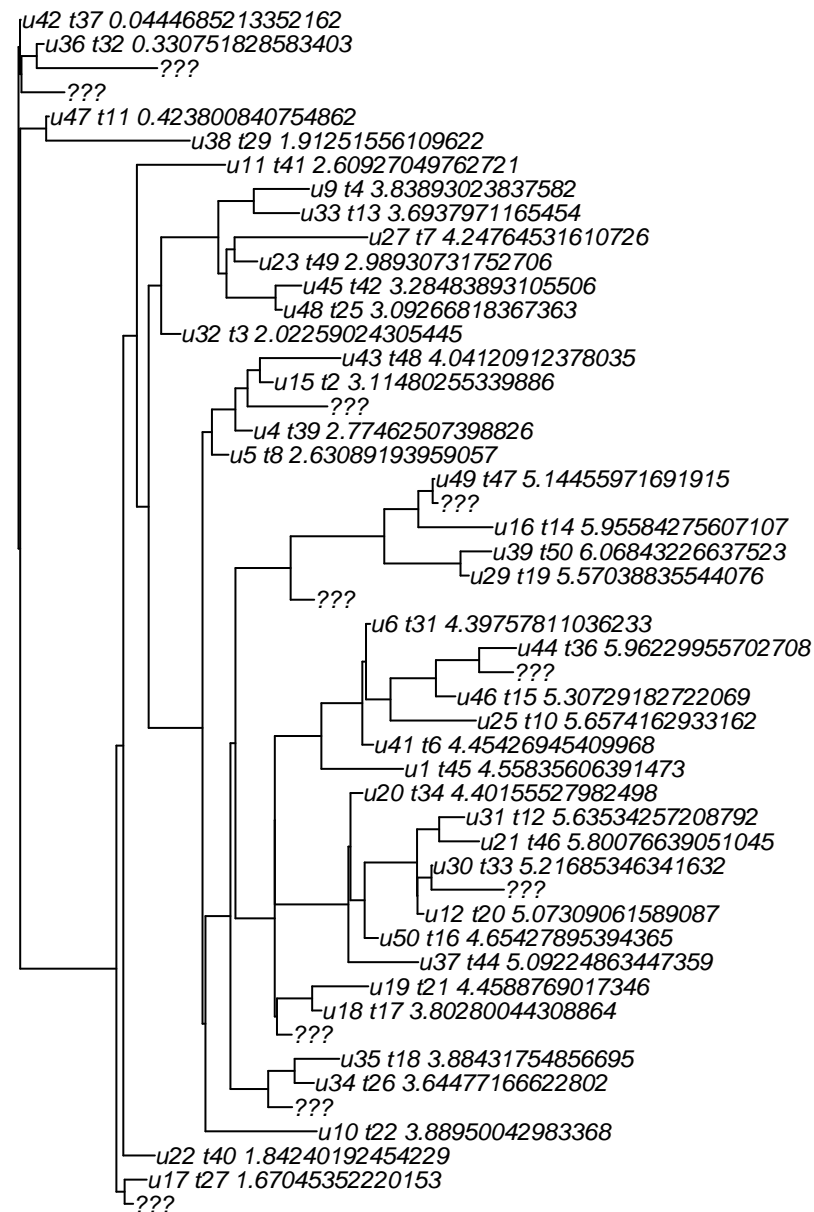
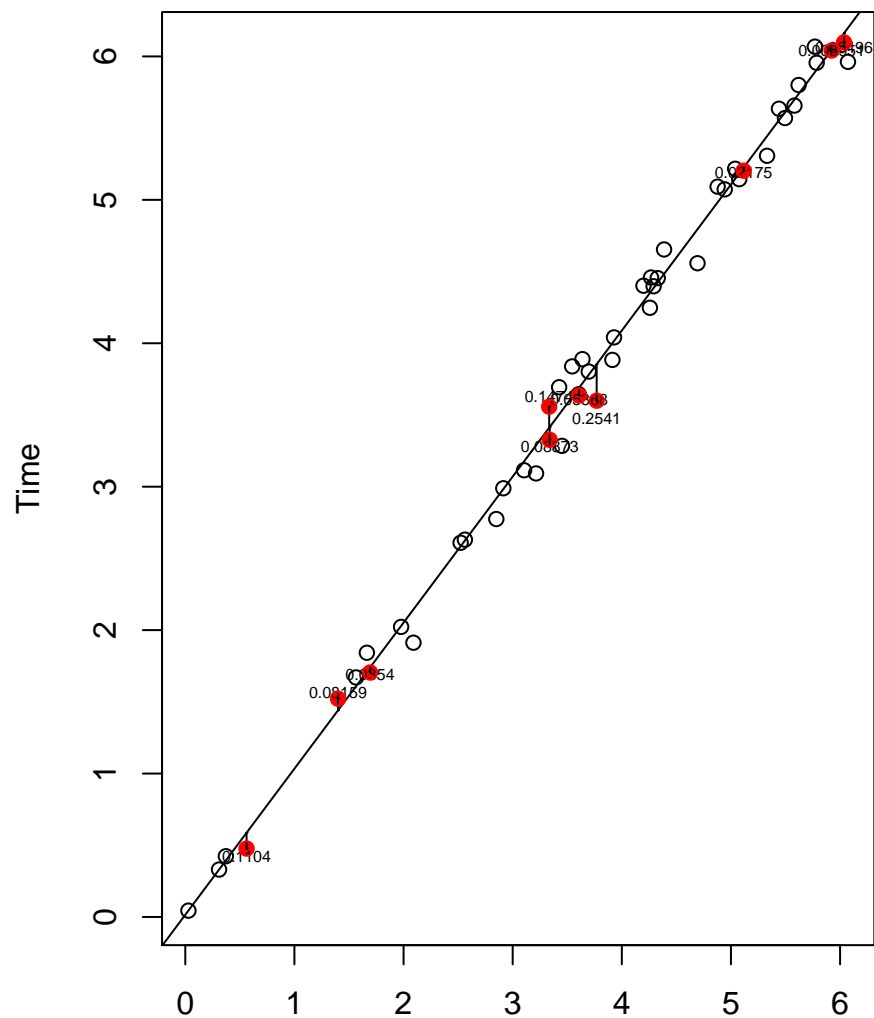
**coal: Simulated-no.23 (Remove 10)**

## Time vs Distance



# coal: Simulated-no.24 (Remove 10)

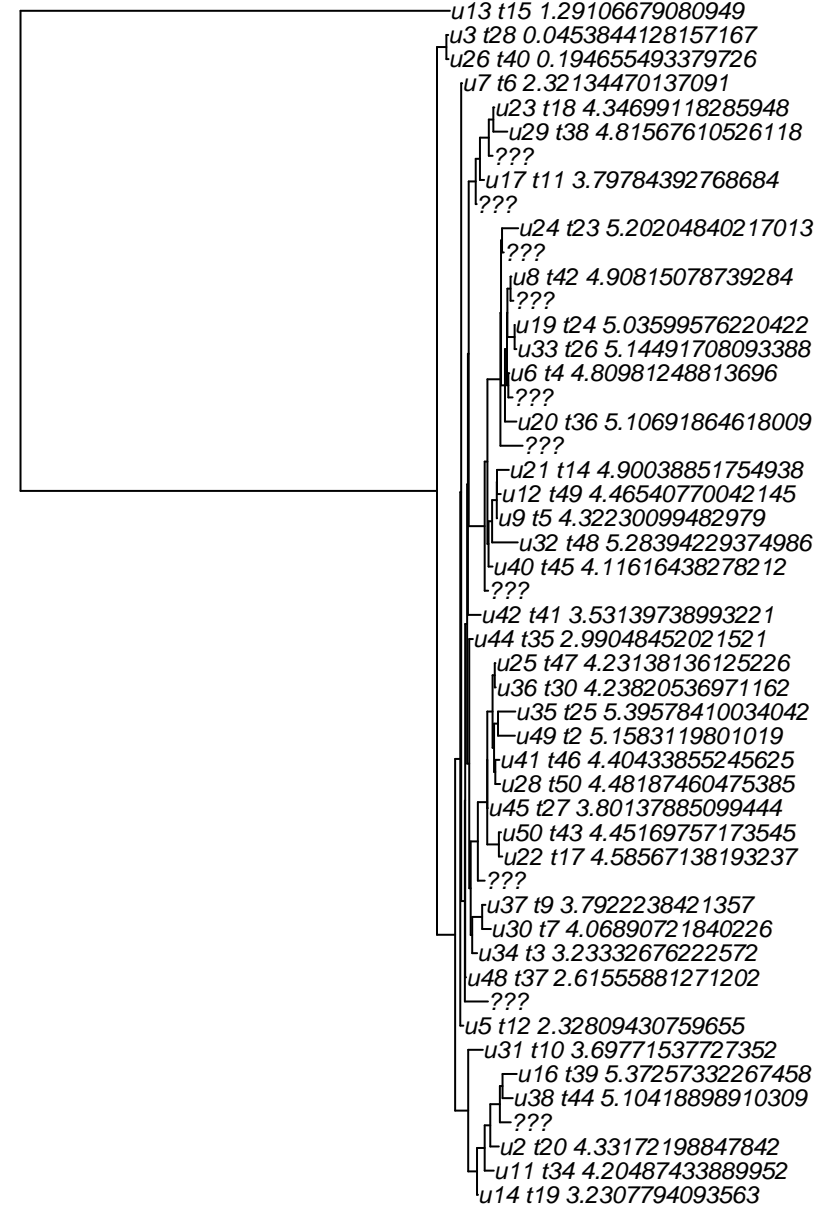
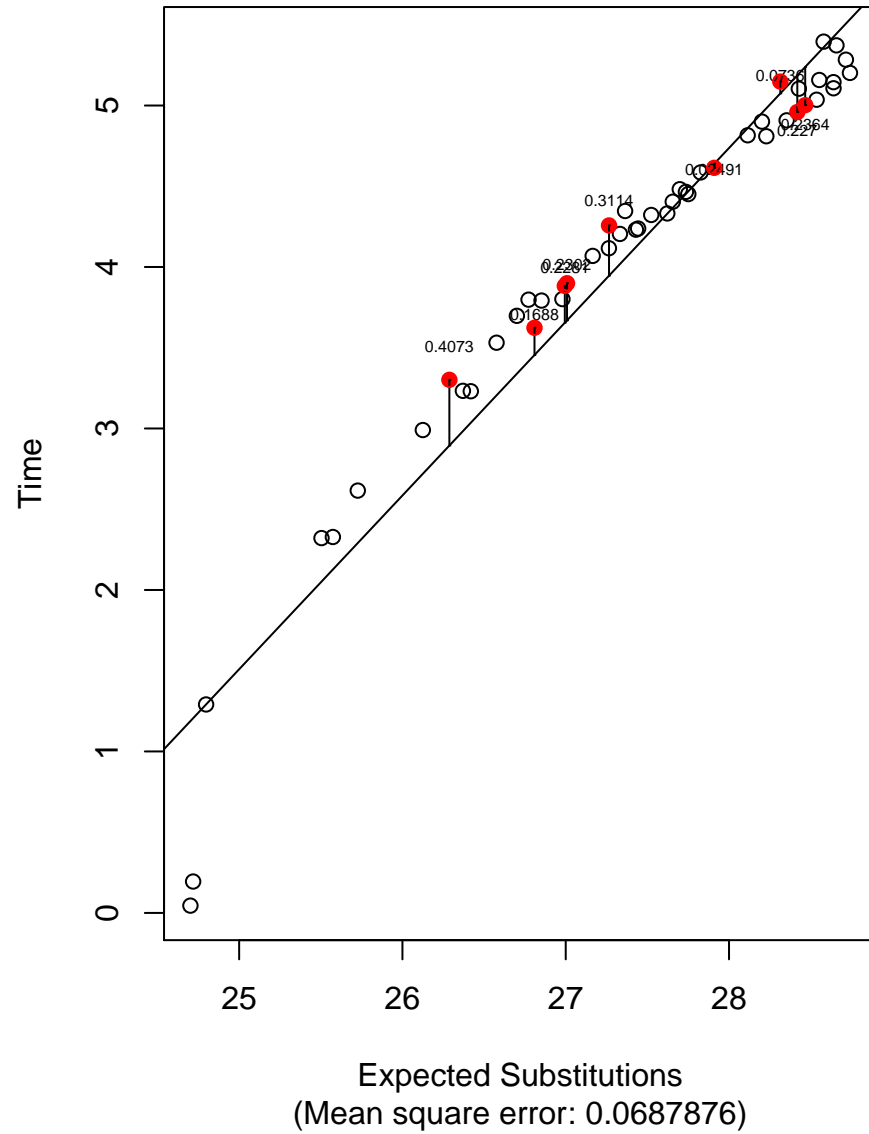
## Time vs Distance





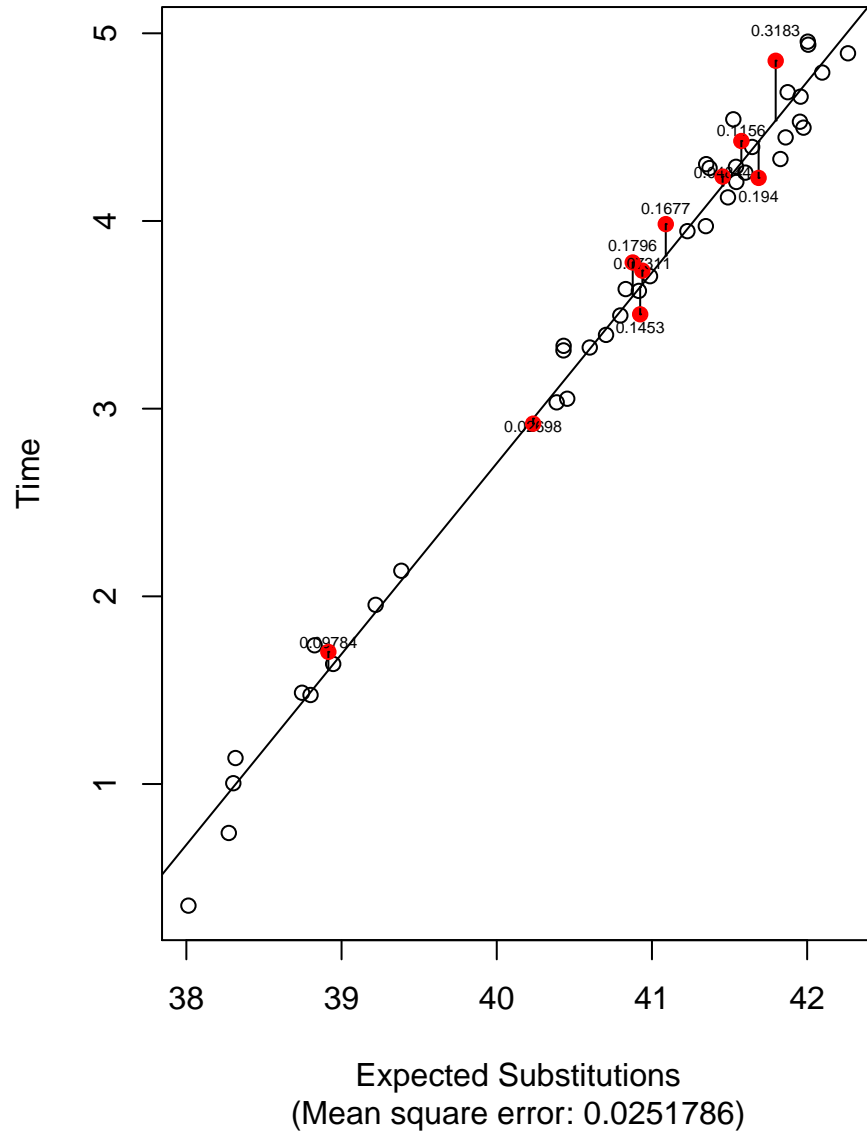
# coal: Simulated-no.25 (Remove 10)

## Time vs Distance



# coal: Simulated-no.26 (Remove 10)

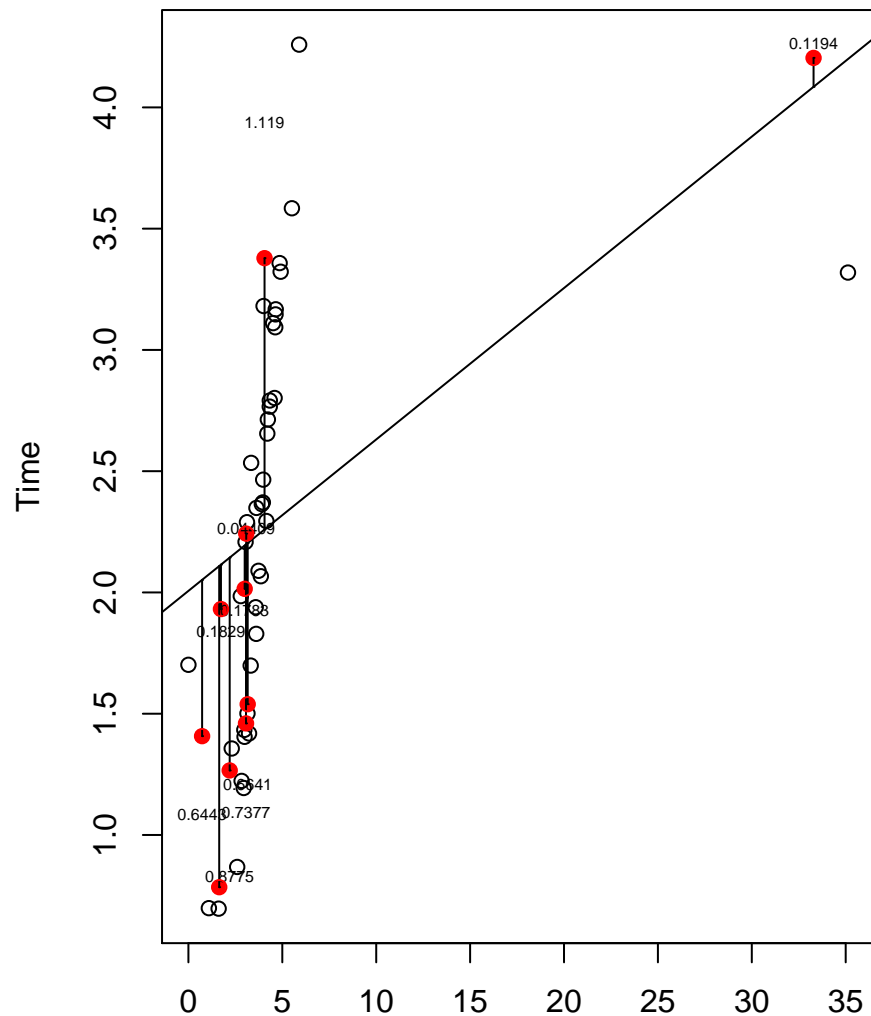
## Time vs Distance



u23	t11	1.63980716647977
u6	t21	0.352190593494031
u30	t35	0.73928140942816
u39	t14	1.48659984216981
u38	t22	3.05302307483042
u27	t12	4.12596303791262
u44	t17	3.97263994027401
u20	t9	4.52902493111203
u5	t7	4.89353354897227
u1	t44	4.49738921289091
u32	t41	4.20782304997101
u45	t50	4.44552331284834
u2	t36	4.25771728381933
u24	t46	4.33026958397365
???		
u13	t43	4.9394104426142
u42	t18	3.49656405334823
???		
???		
u49	t49	3.94592167029954
u3	t15	3.70595913481323
u11	t37	4.66249860105559
u19	t40	4.79097185178893
u16	t6	4.68629732797483
u33	t33	4.28876501741706
???		
???		
u25	t26	3.03363937039342
???		
u34	t2	4.39439224735392
???		
u47	t4	3.62768092679688
u36	t3	3.32600716276519
u26	t13	4.54192735575258
???		
u35	t27	4.95575492394541
u15	t38	4.3028885056099
u17	t39	4.28224605719679
u40	t29	3.39312426354307
u21	t5	3.63725682267548
???		
u9	t10	3.33496395261503
u46	t19	3.31043345066509
u41	t45	2.13636587333919
???		
u50	t48	1.95489070795881
u4	t16	1.13859823464246
u22	t28	1.73931735487987
u12	t30	1.474502124907
u48	t8	1.00448027431038

# coal: Simulated-no.27 (Remove 10)

## Time vs Distance



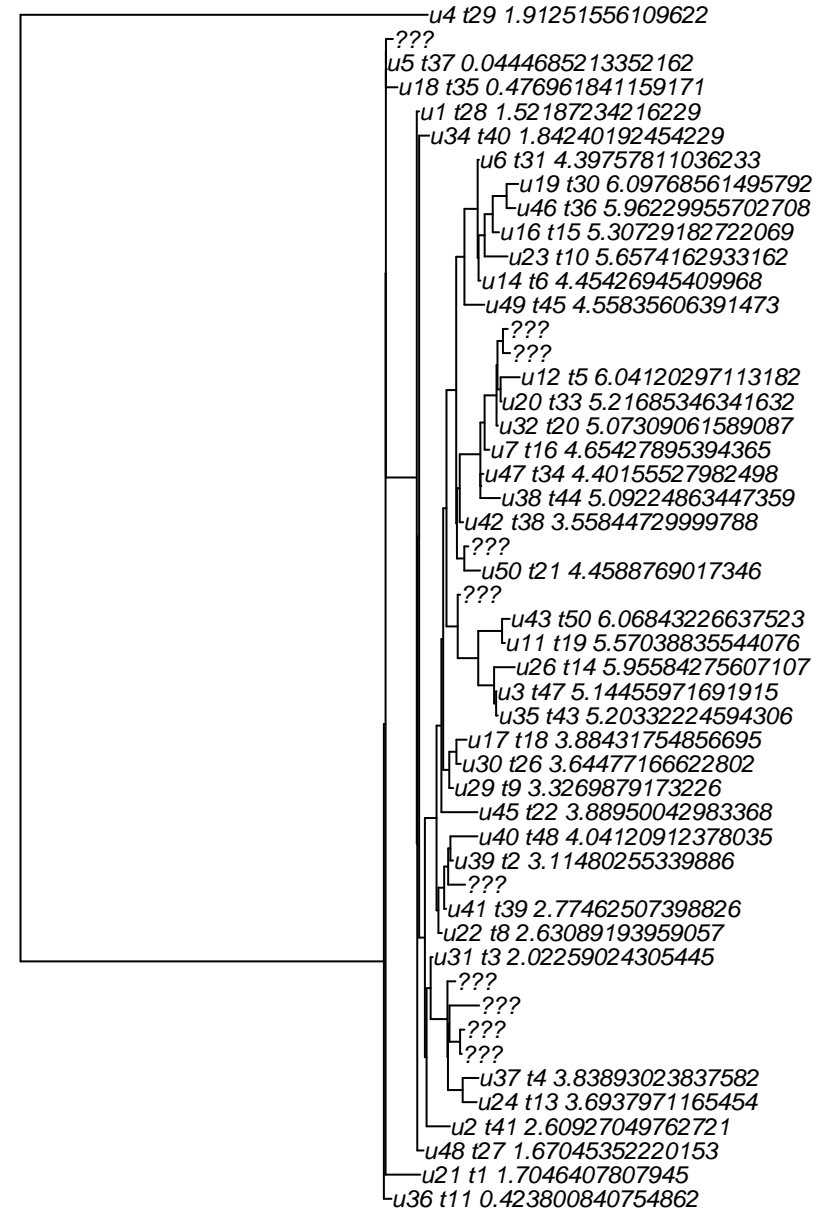
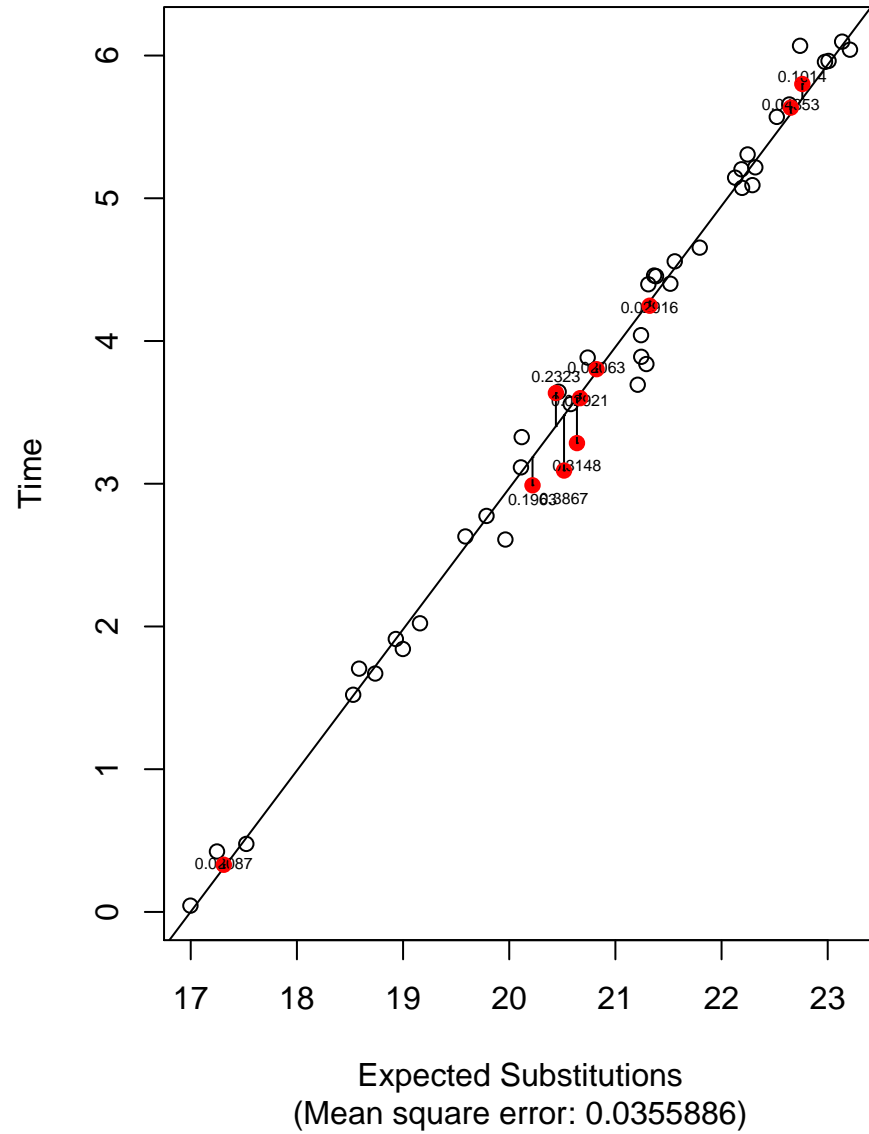
```

u21 t42 1.70180317122294
???
u19 t10 2.06698405507344
u48 t26 2.34862129525803
u46 t38 0.868189755854378
u47 t25 1.22306308945292
???
u22 t34 1.41863368751755
u16 t6 3.31909519137299
u26 t5 2.0893549029927
u45 t47 3.09350143819102
u17 t39 3.14655622231428
u32 t46 2.76622820786469
u38 t24 2.79158519809039
u14 t2 3.32255221638662
u13 t16 3.35809779177486
u25 t23 4.25896365613445
u15 t50 3.11052863552971
u50 t28 2.46521887911982
u40 t36 1.82937149321879
u41 t3 1.19381333983421
???
u1 t9 1.50111173491389
u36 t41 1.40473032593404
u35 t1 1.6985424101257
u34 t35 2.65504905247909
u33 t44 3.16758361329
u44 t7 2.71313322950564
u12 t30 2.36417084781936
u5 t45 1.93916571669755
u43 t49 2.29465795629873
u31 t15 3.58424888699401
u49 t37 2.801849719136
u9 t20 2.37133863837502
???
u27 t43 1.43321261326704
u28 t19 2.53434804789384
u20 t4 3.18115604693006
???
???
u24 t21 2.20823785092076
u39 t29 1.98502006106293
???
u4 t31 0.69638959413981
u42 t8 2.28978984703418
u18 t11 1.35664025734764
???
???
u8 t13 0.698330841023159
???

```

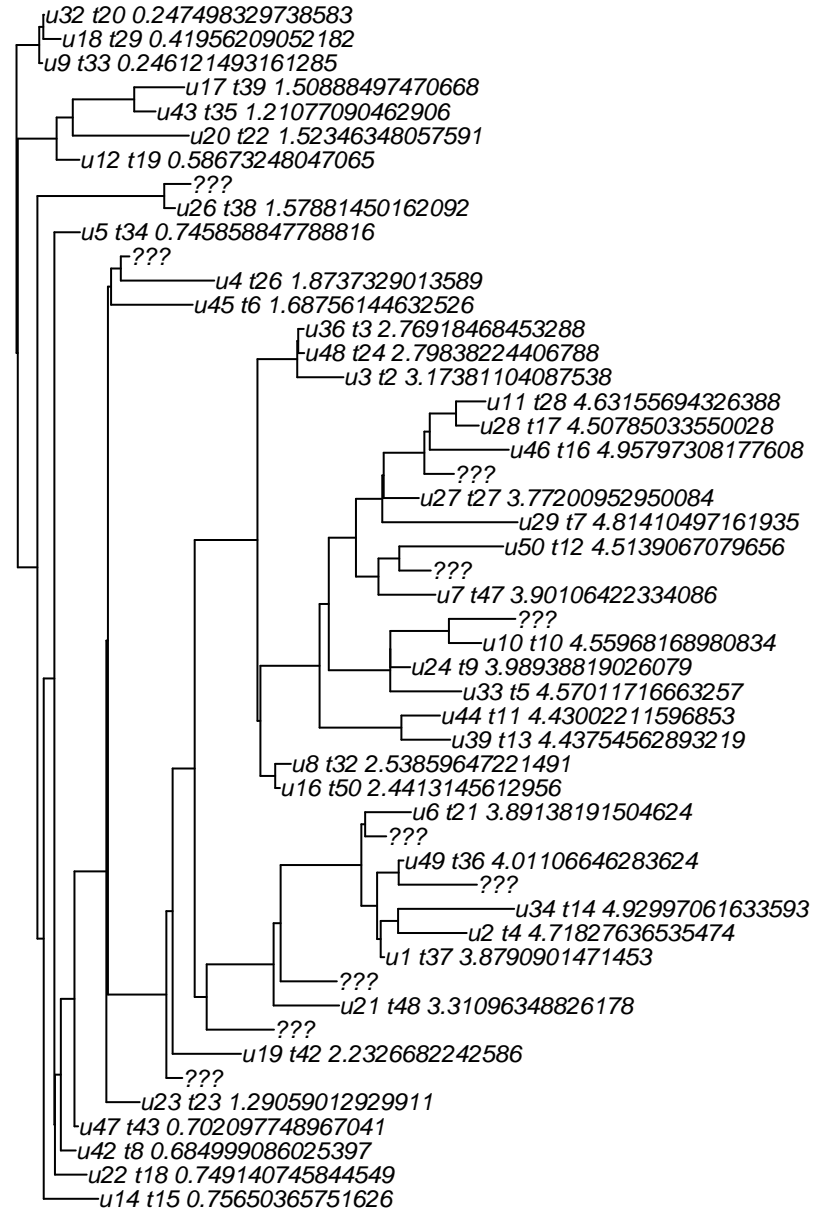
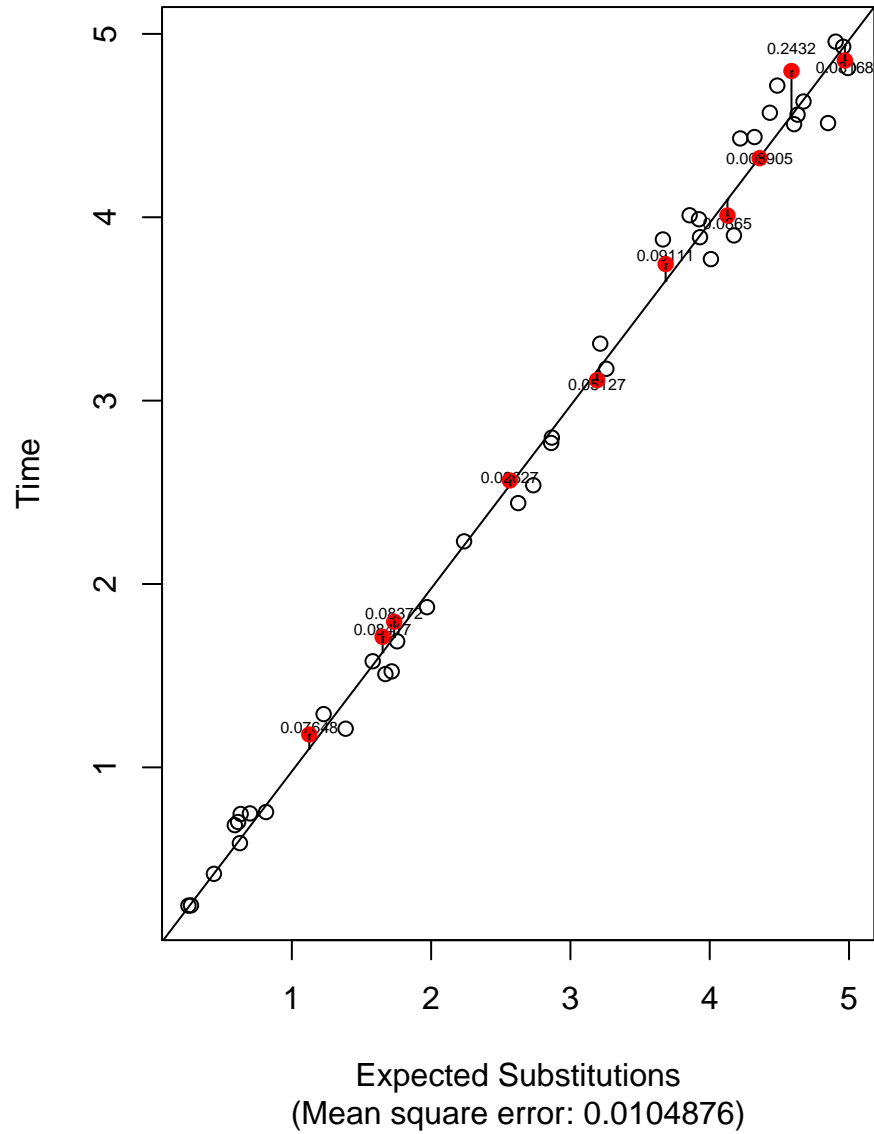
# coal: Simulated-no.28 (Remove 10)

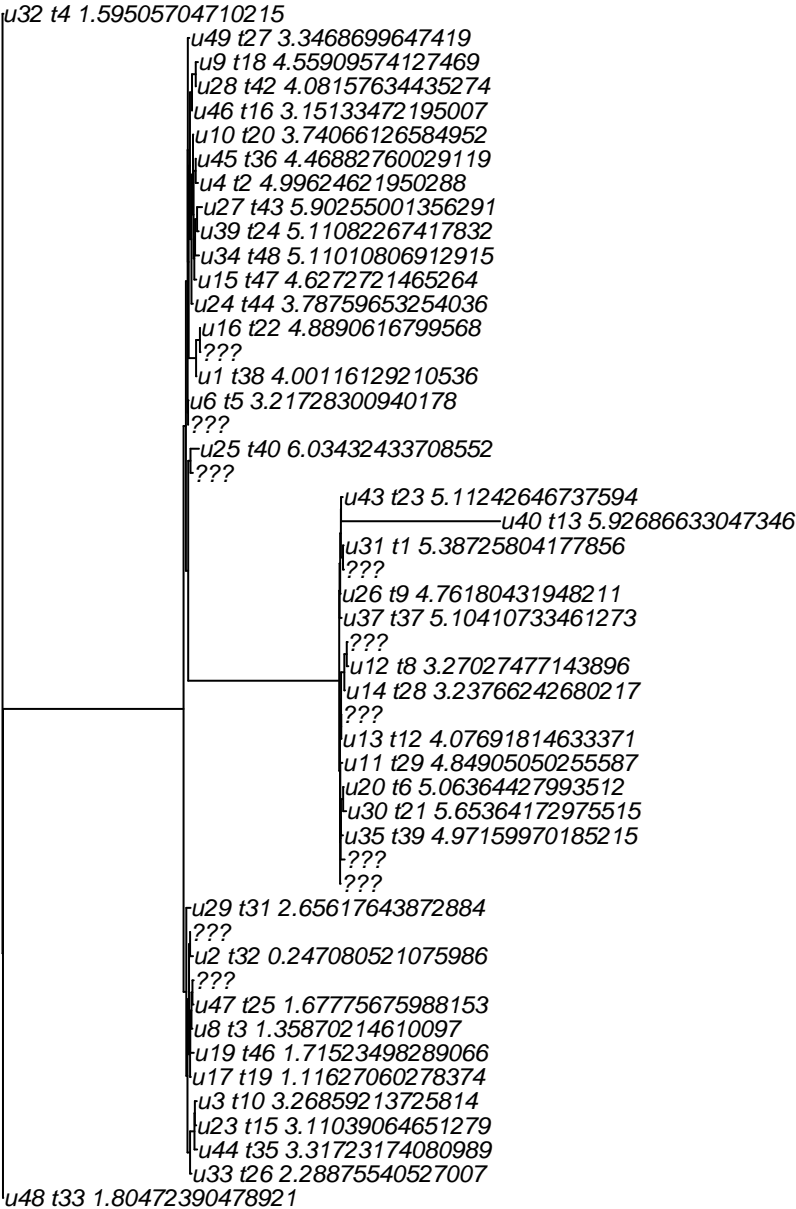
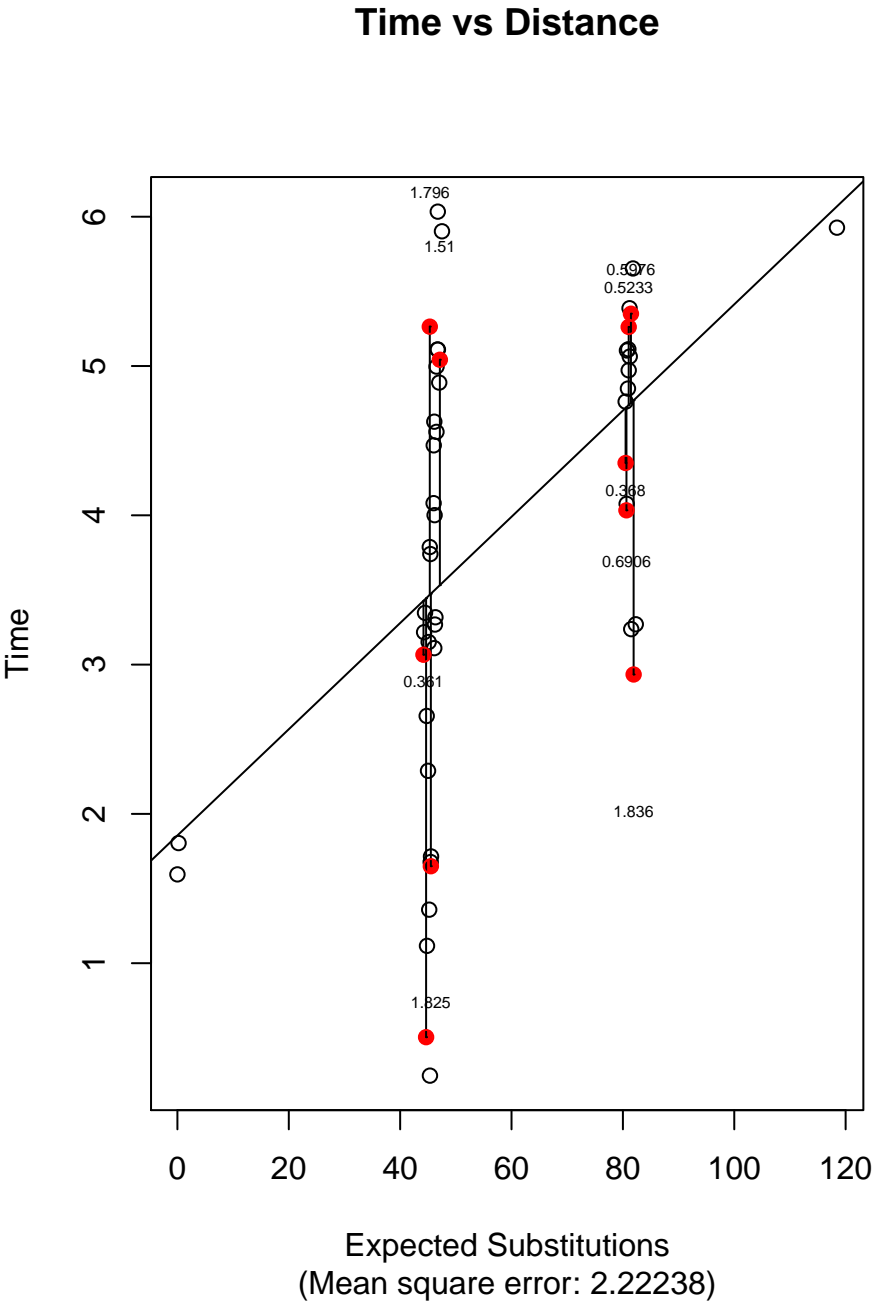
## Time vs Distance



# coal: Simulated-no.29 (Remove 10)

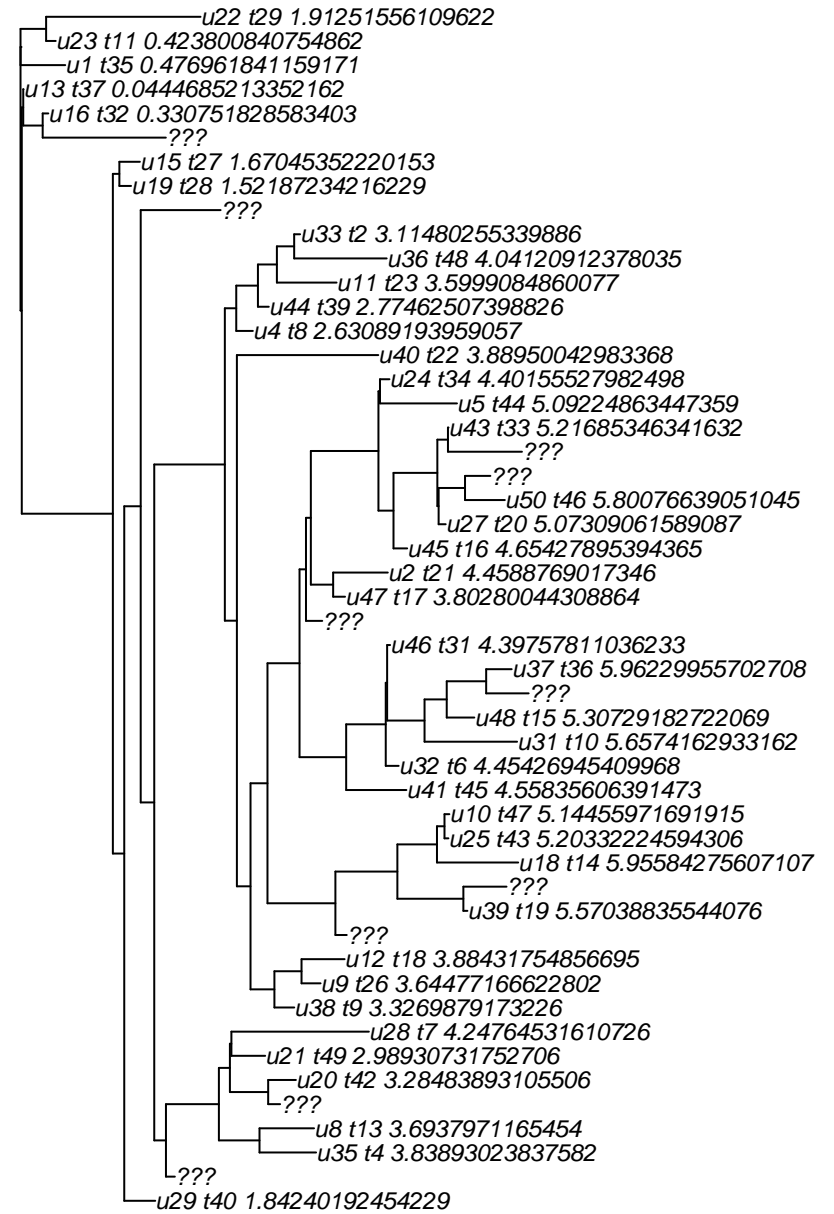
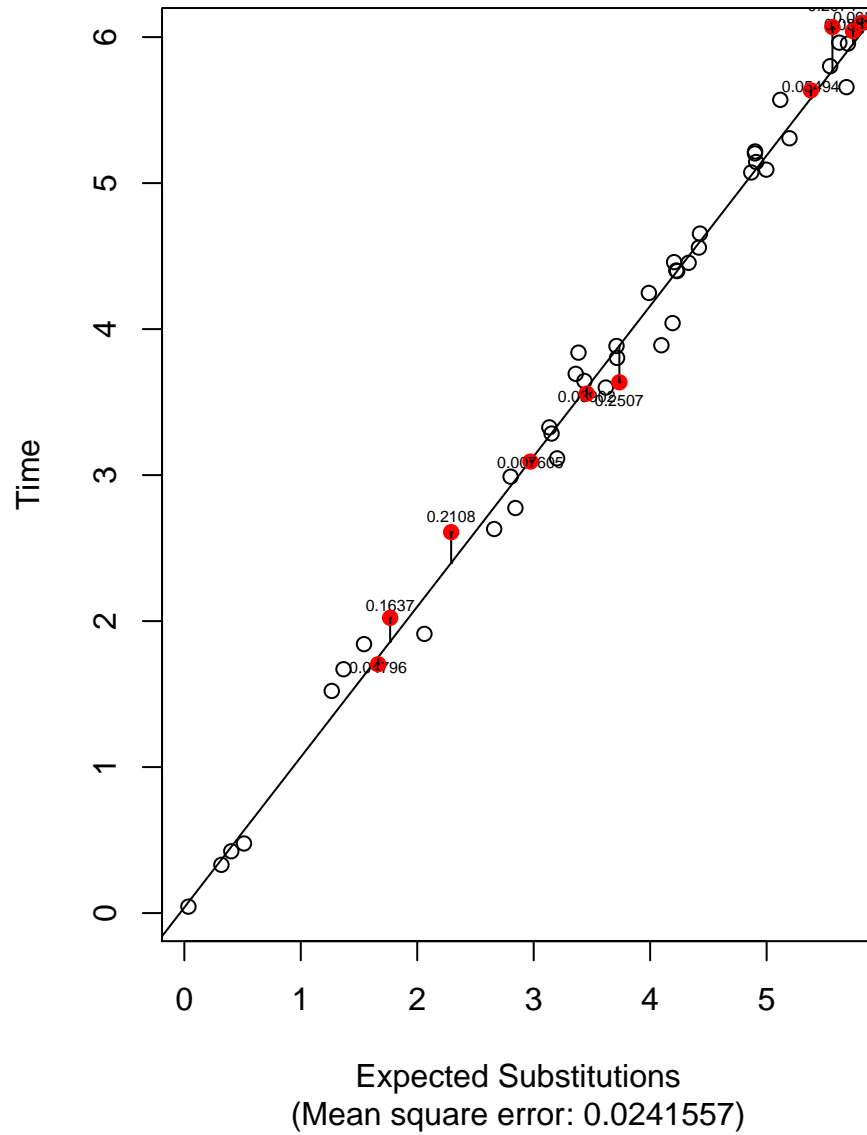
## Time vs Distance

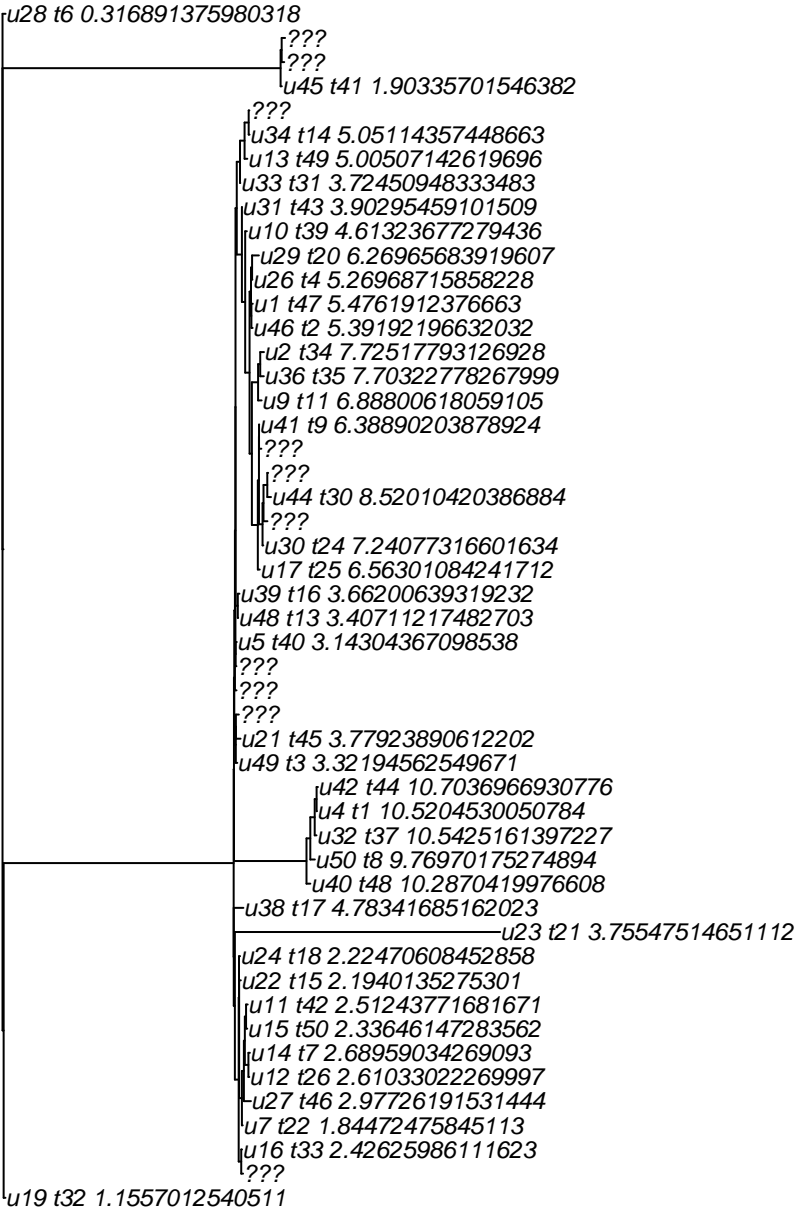
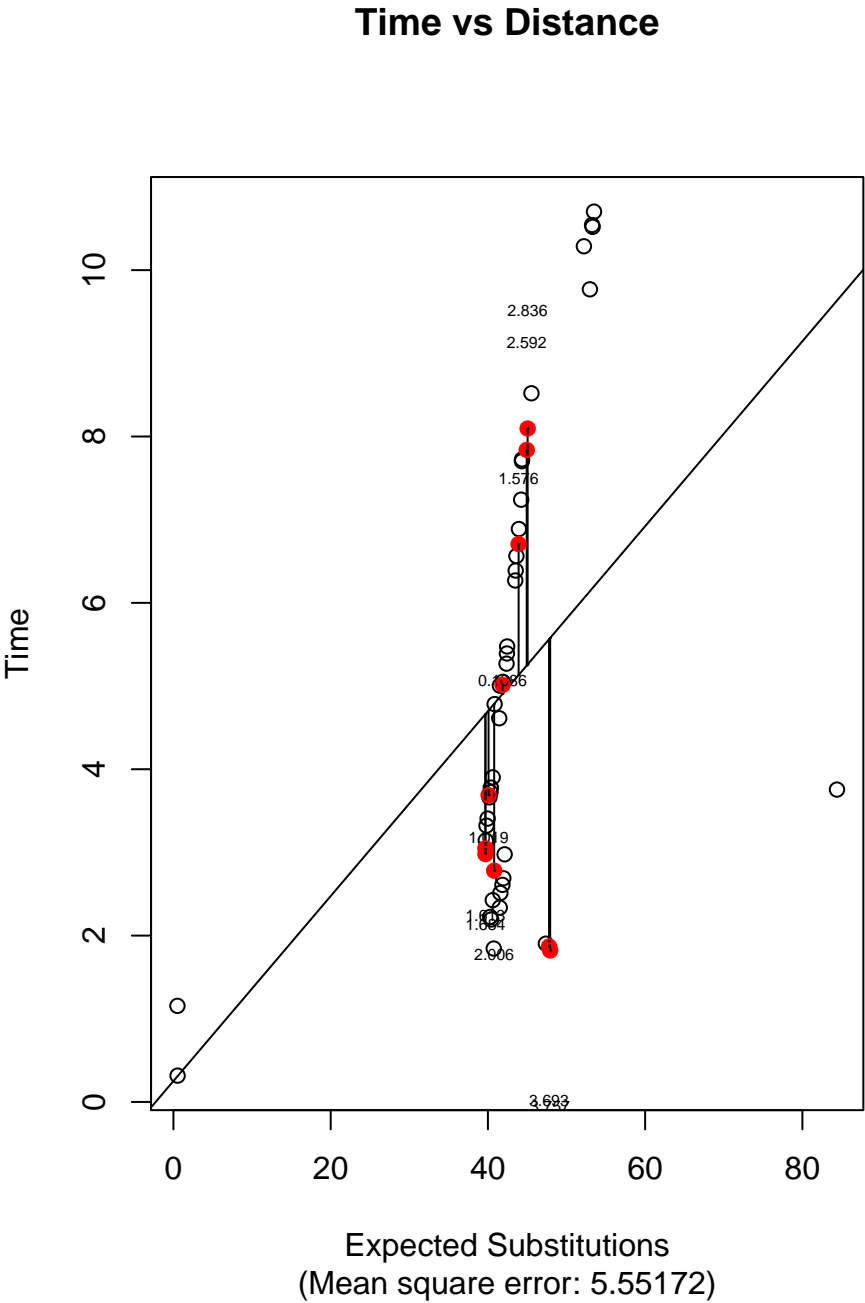




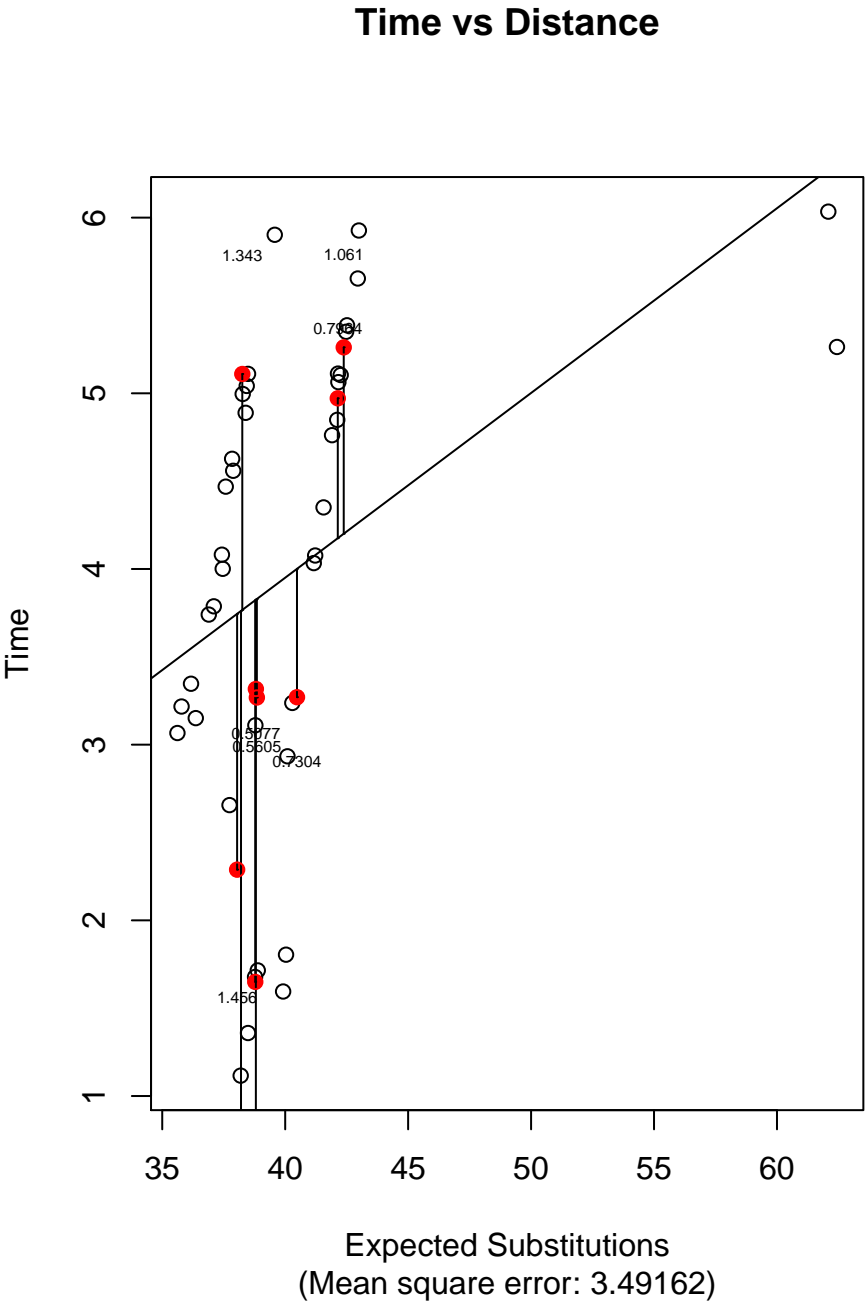
# coal: Simulated-no.31 (Remove 10)

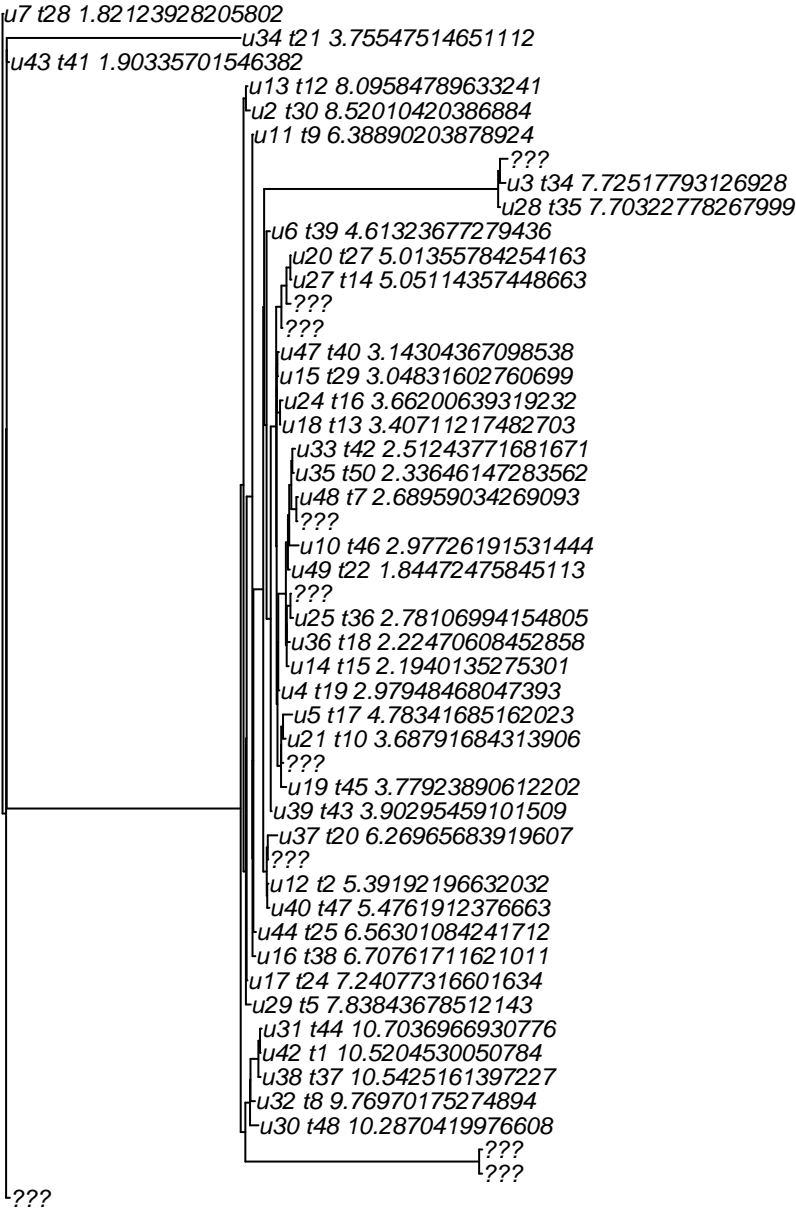
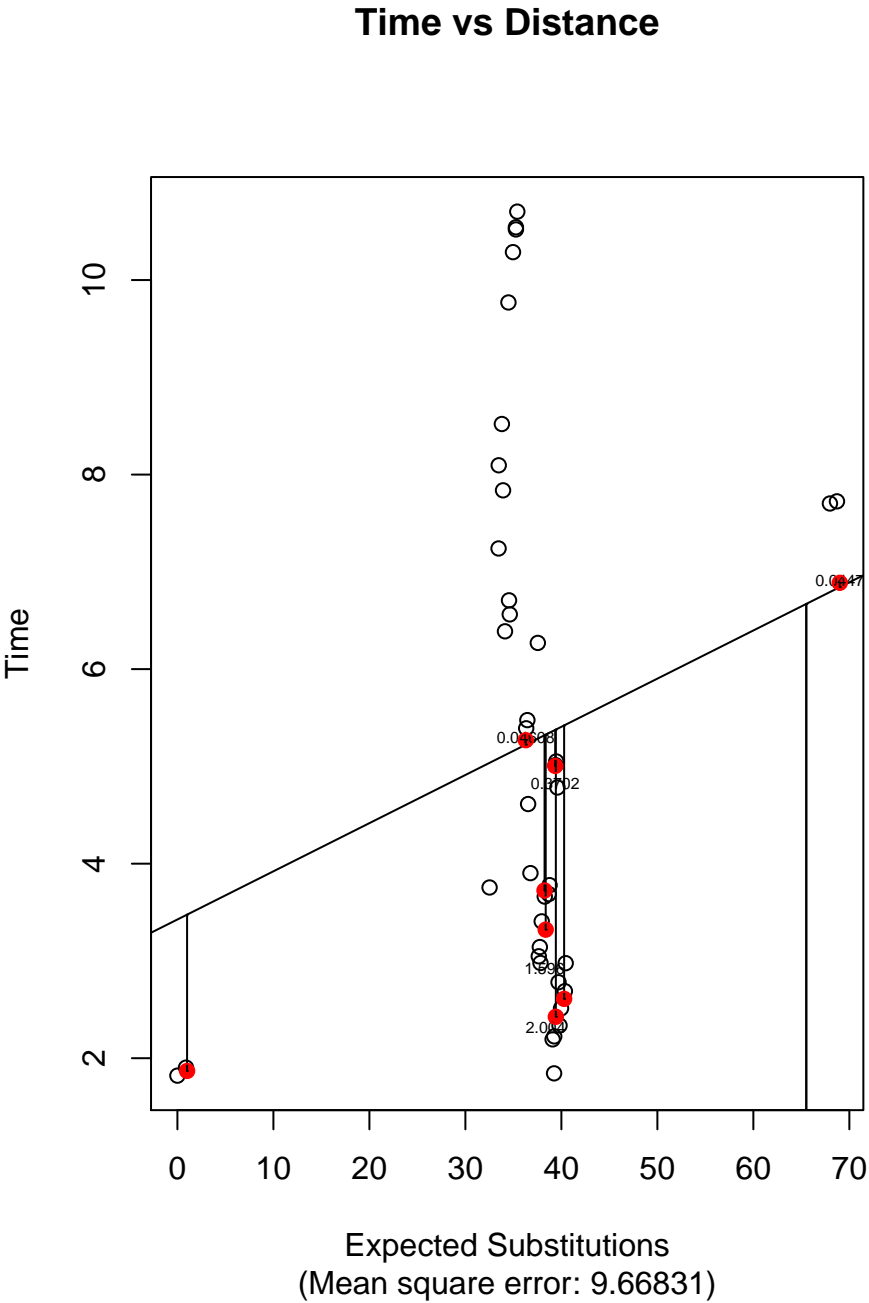
## Time vs Distance

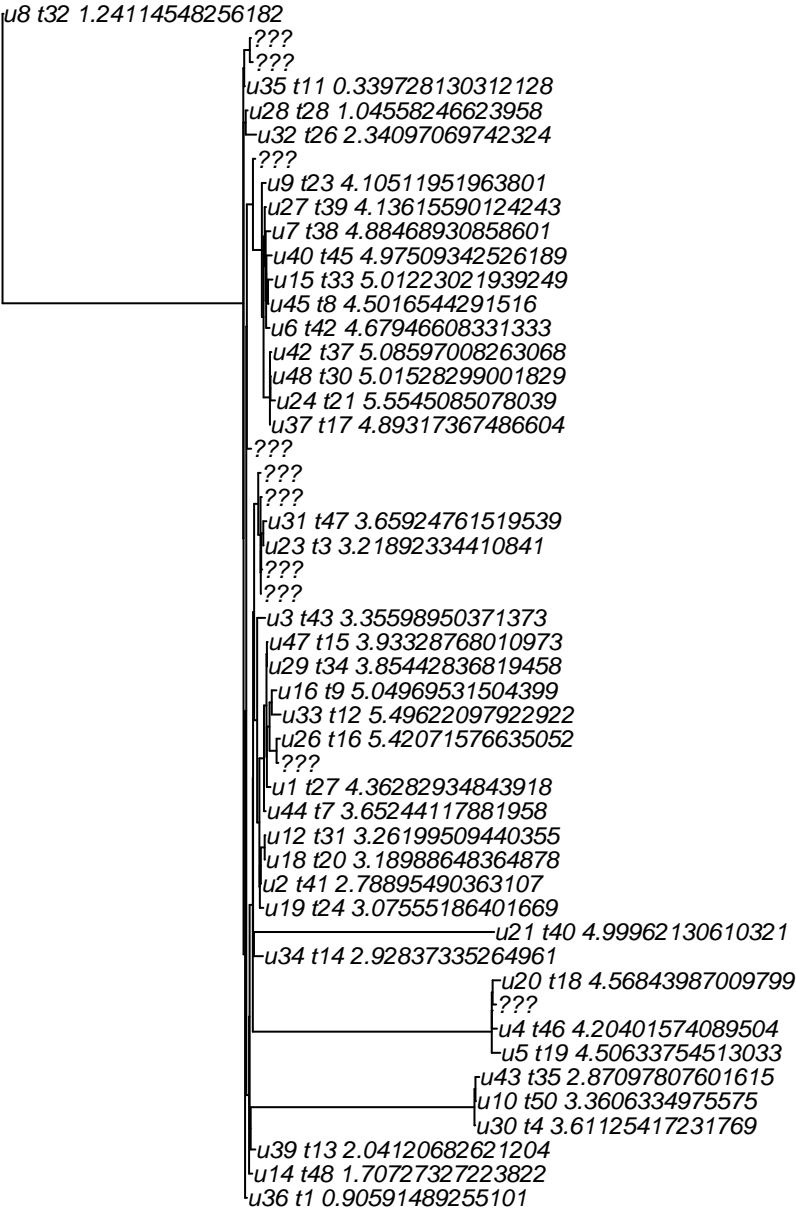
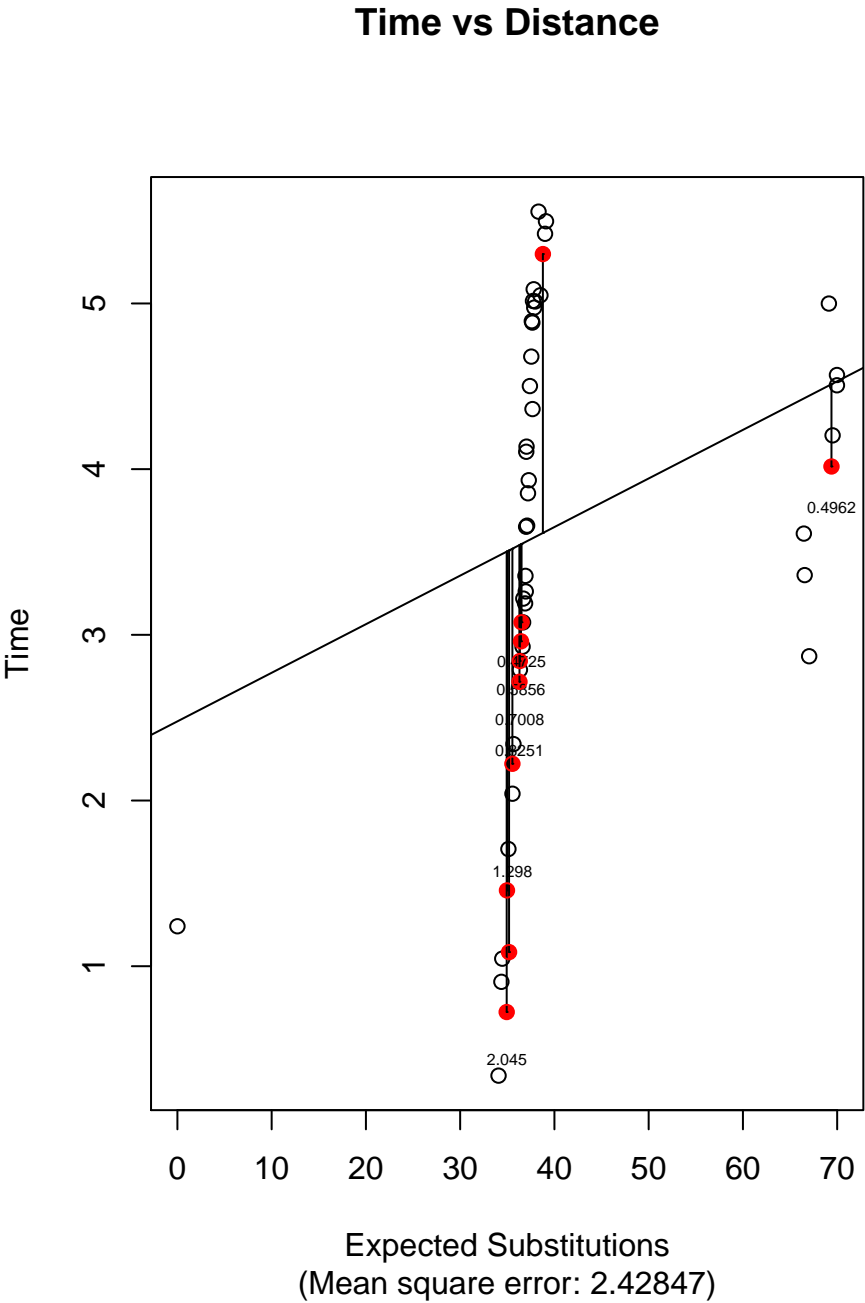






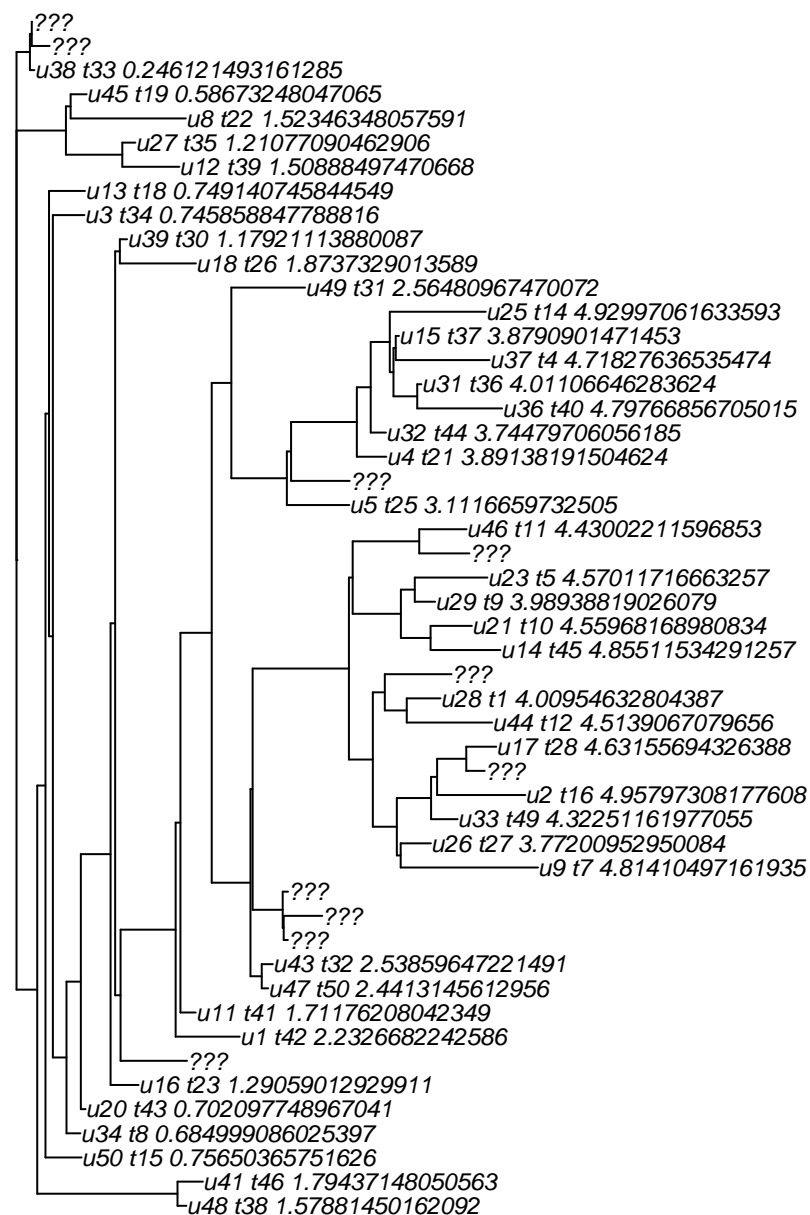
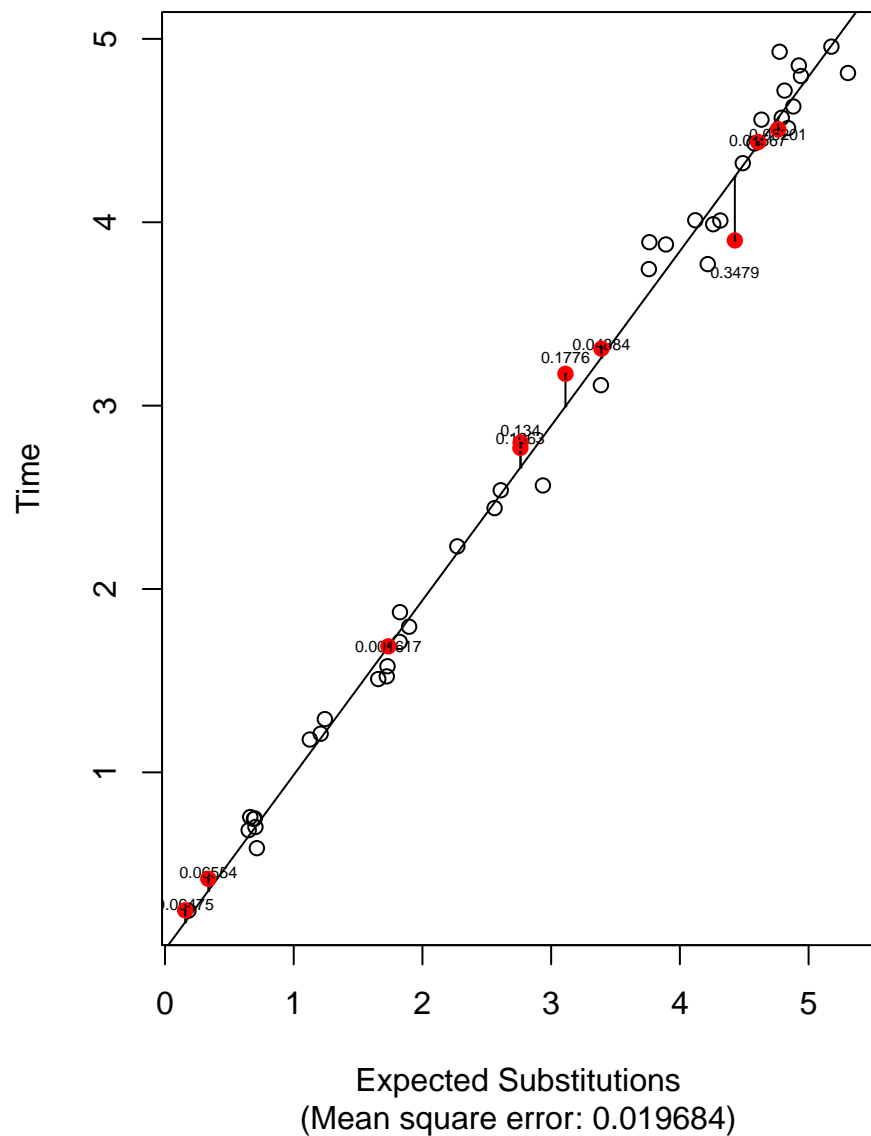






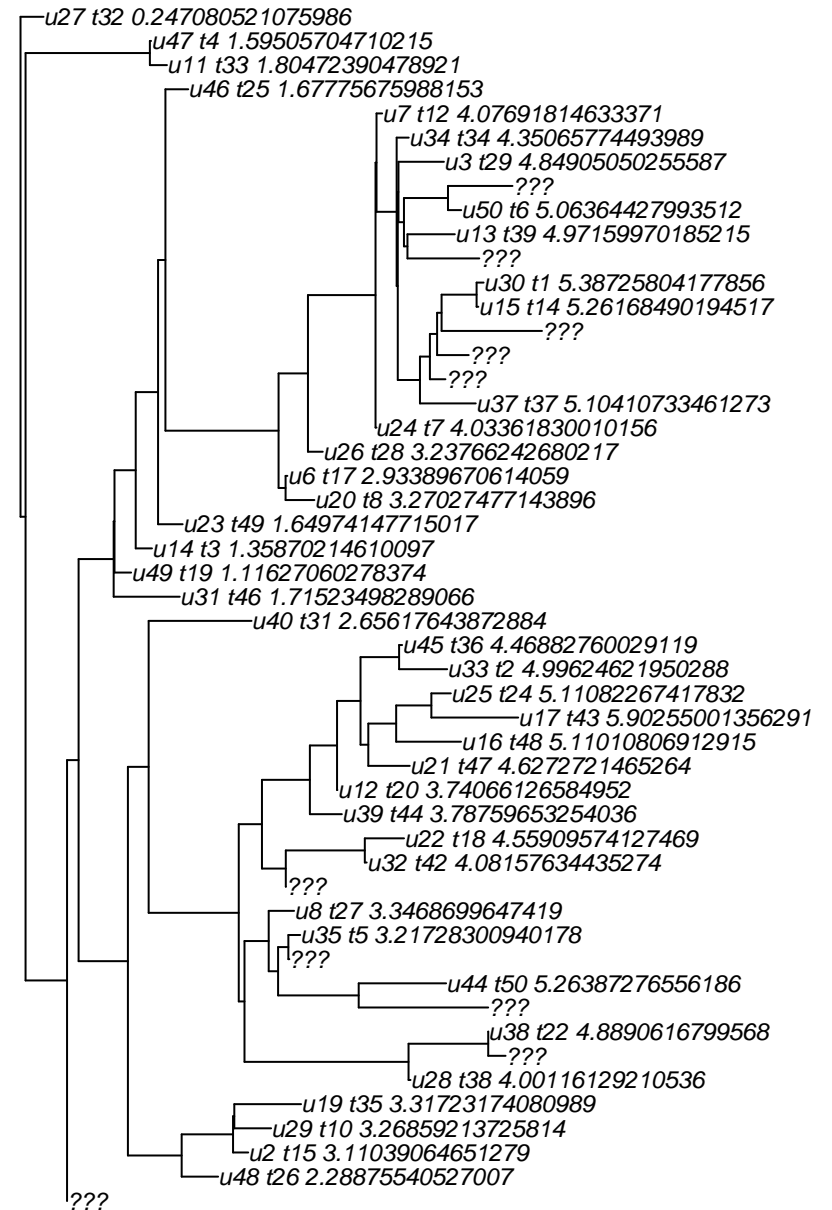
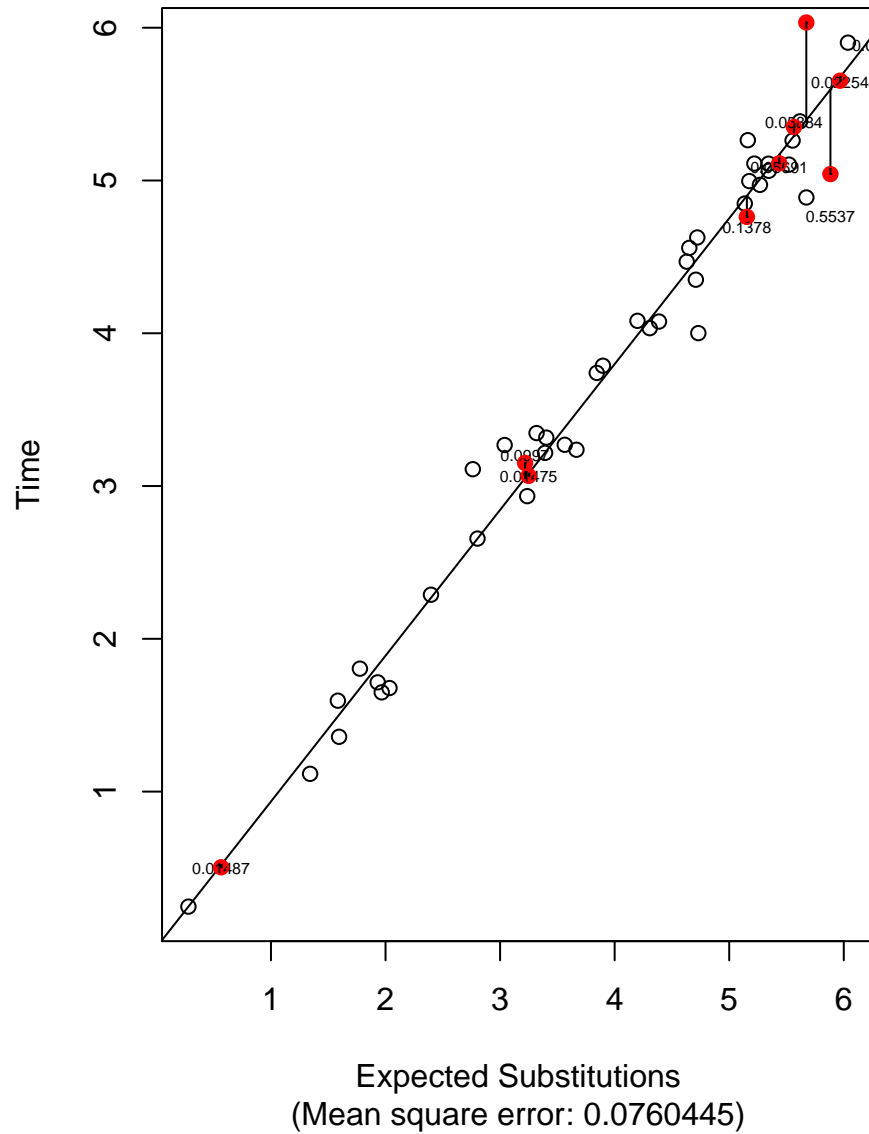
**coal: Simulated-no.36 (Remove 10)**

## Time vs Distance



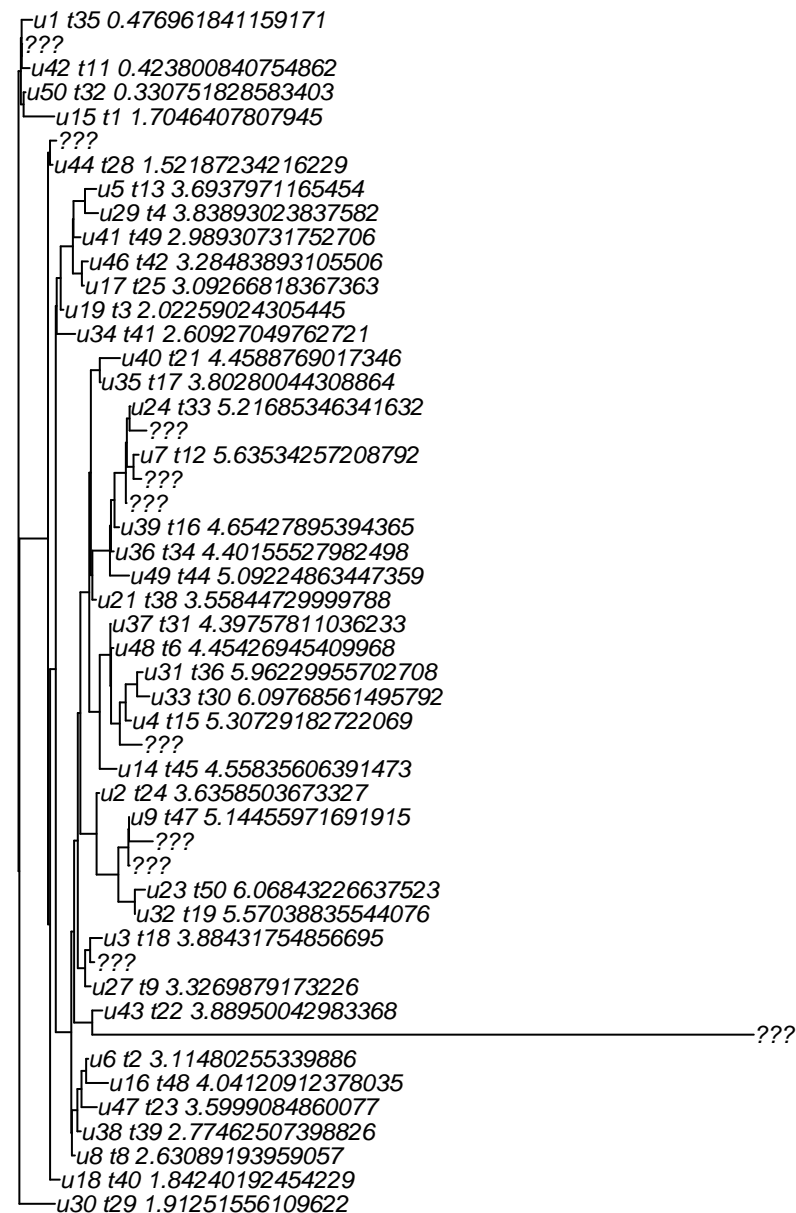
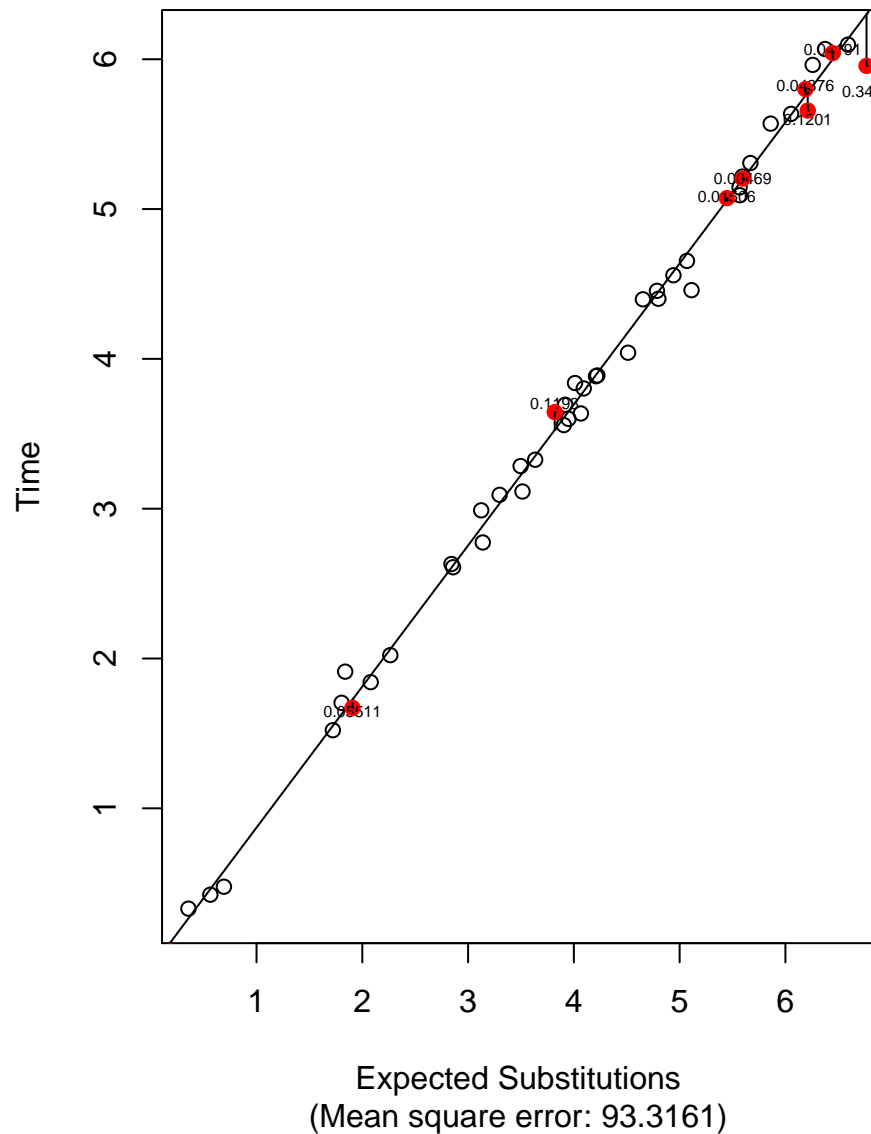
**coal: Simulated-no.37 (Remove 10)**

## Time vs Distance



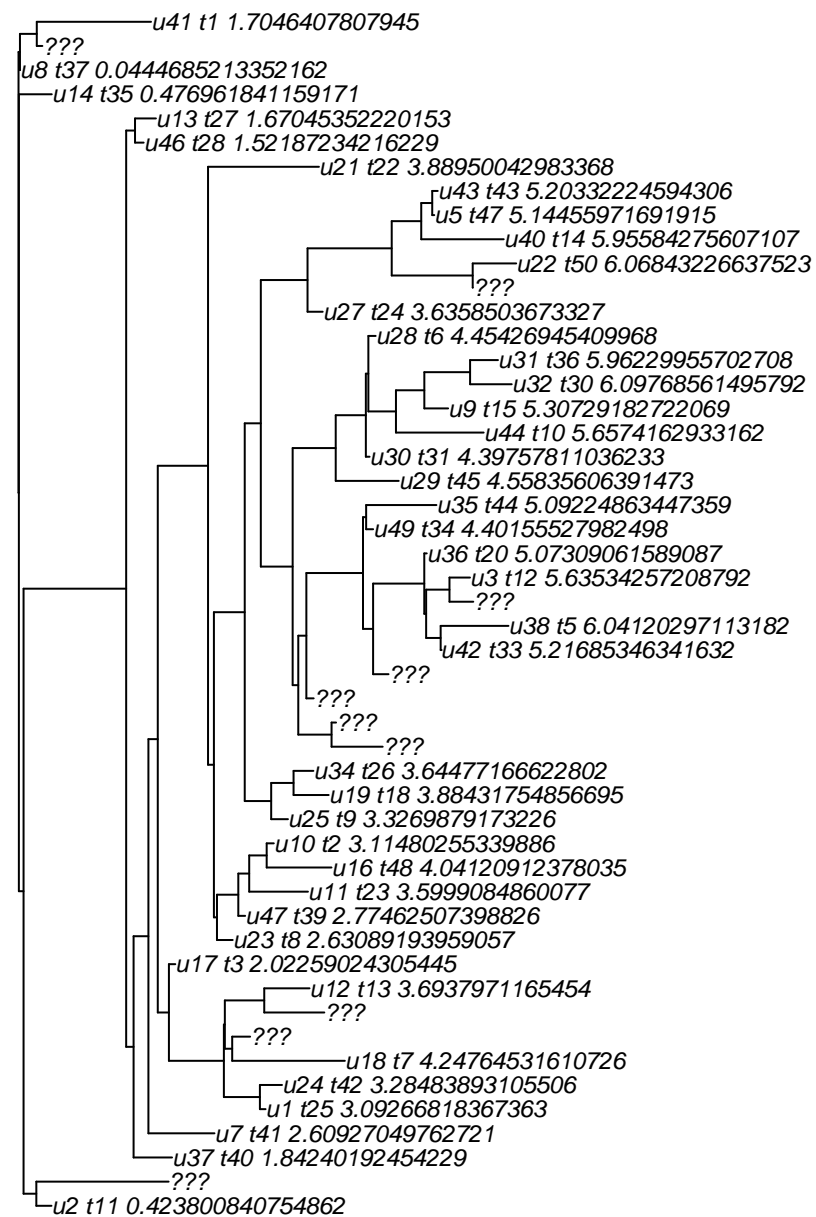
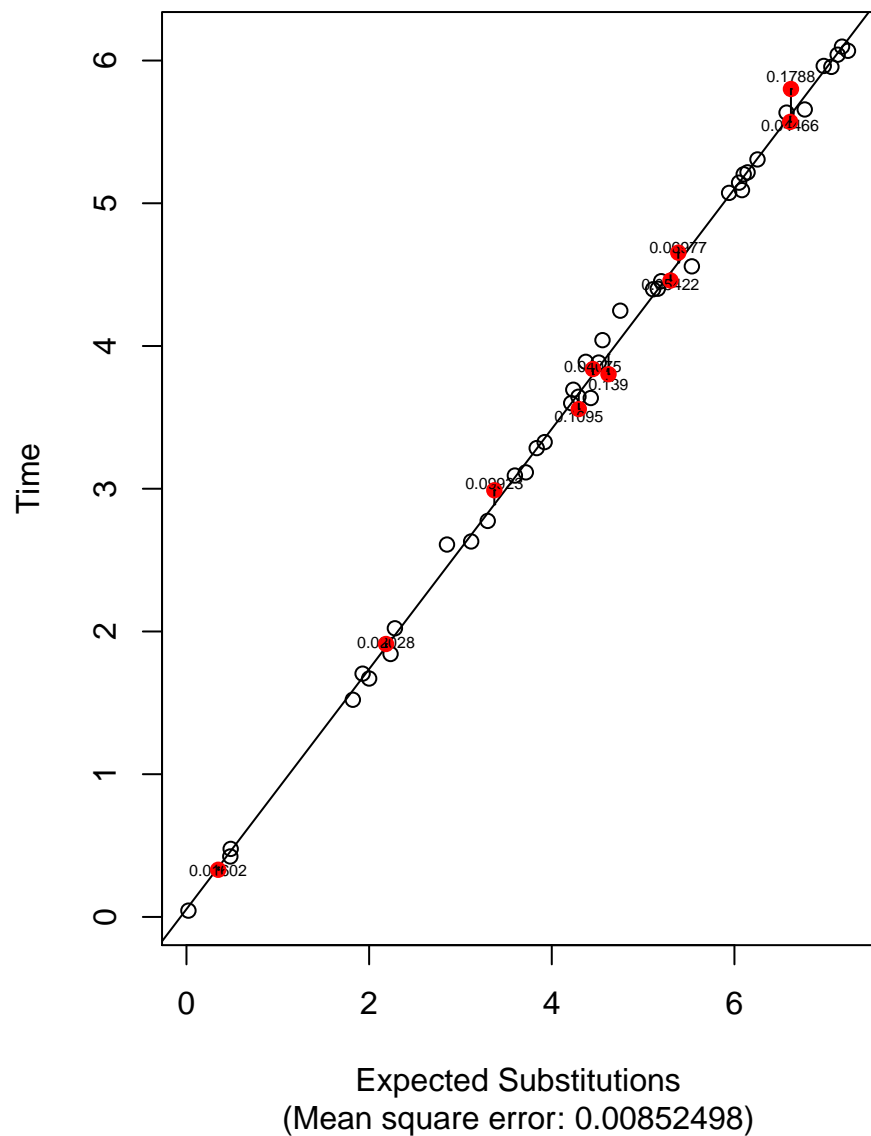
# coal: Simulated-no.38 (Remove 10)

## Time vs Distance

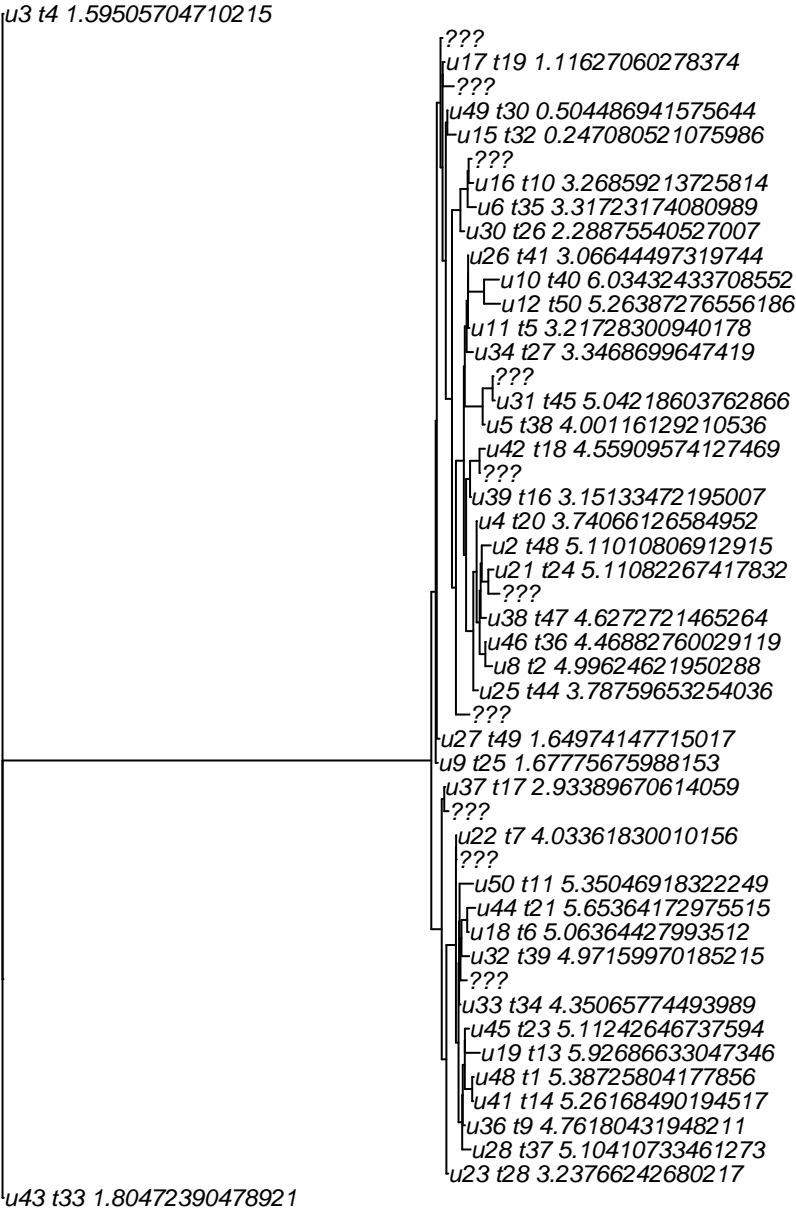
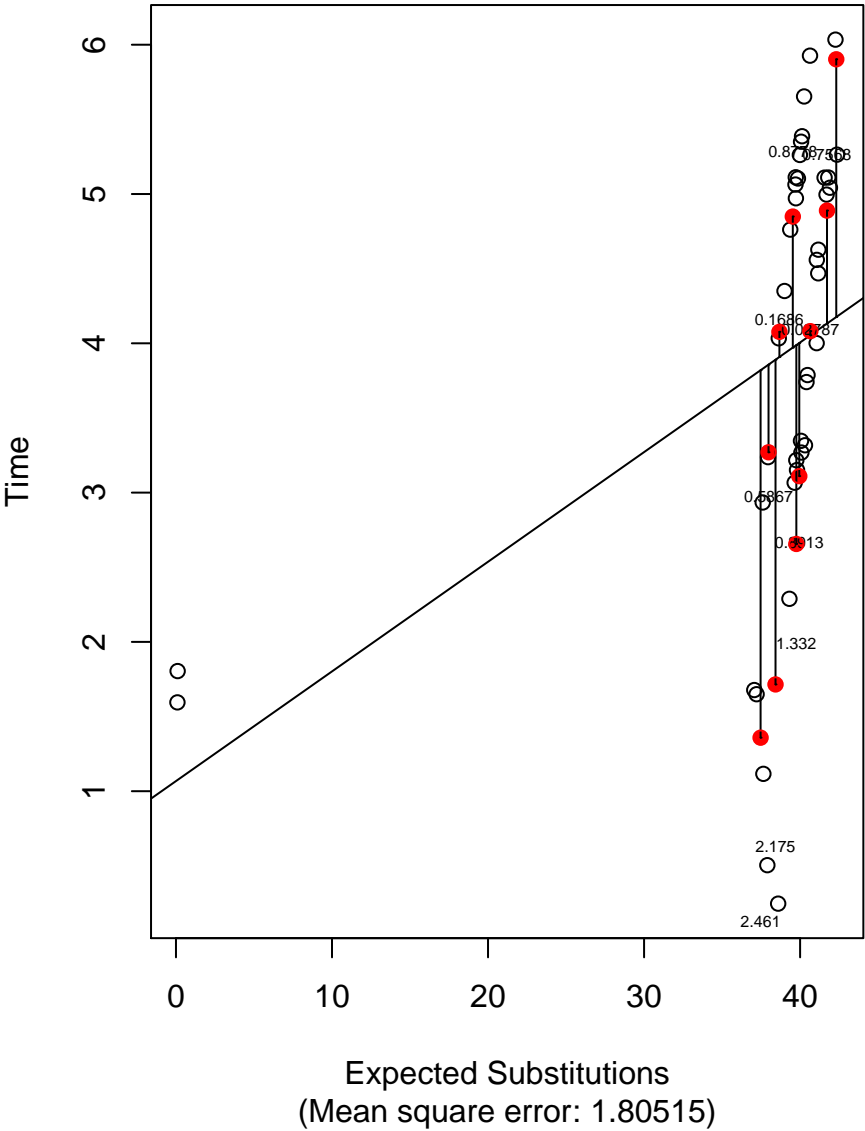


**coal: Simulated-no.39 (Remove 10)**

## Time vs Distance



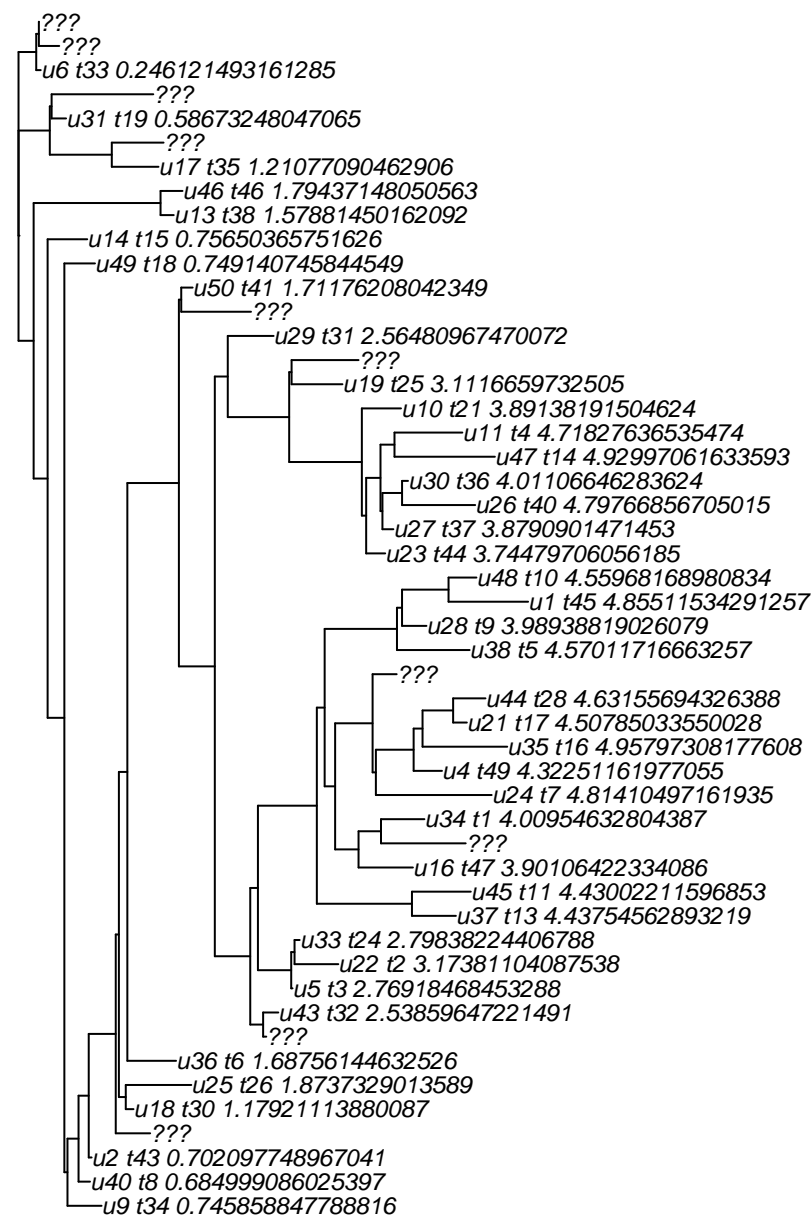
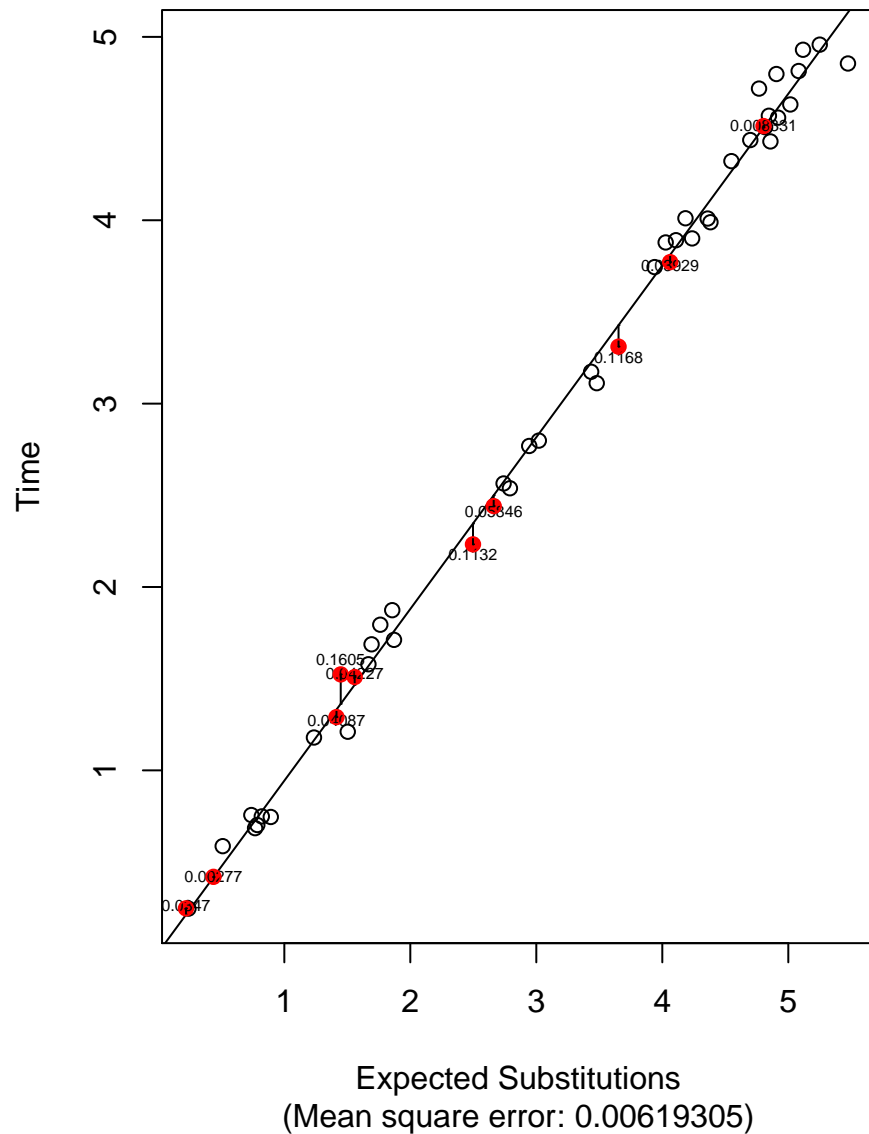
Time vs Distance





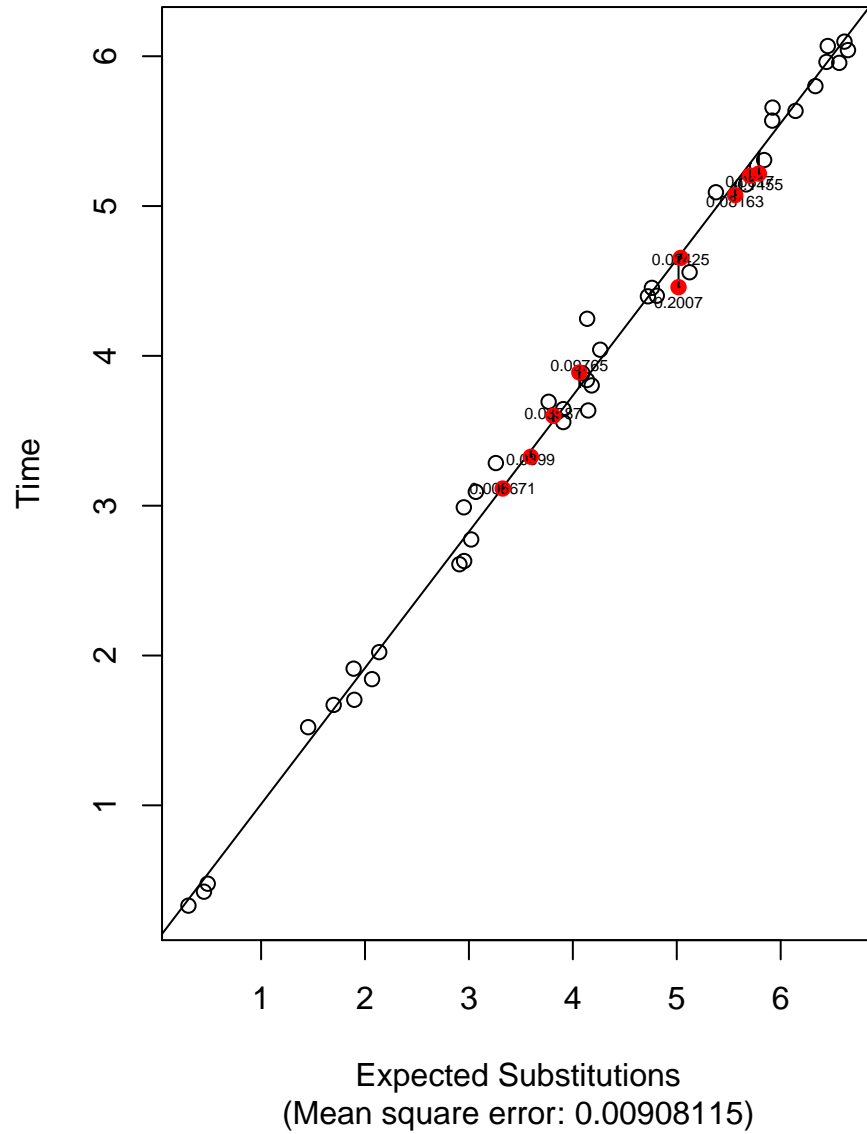
# coal: Simulated-no.41 (Remove 10)

## Time vs Distance



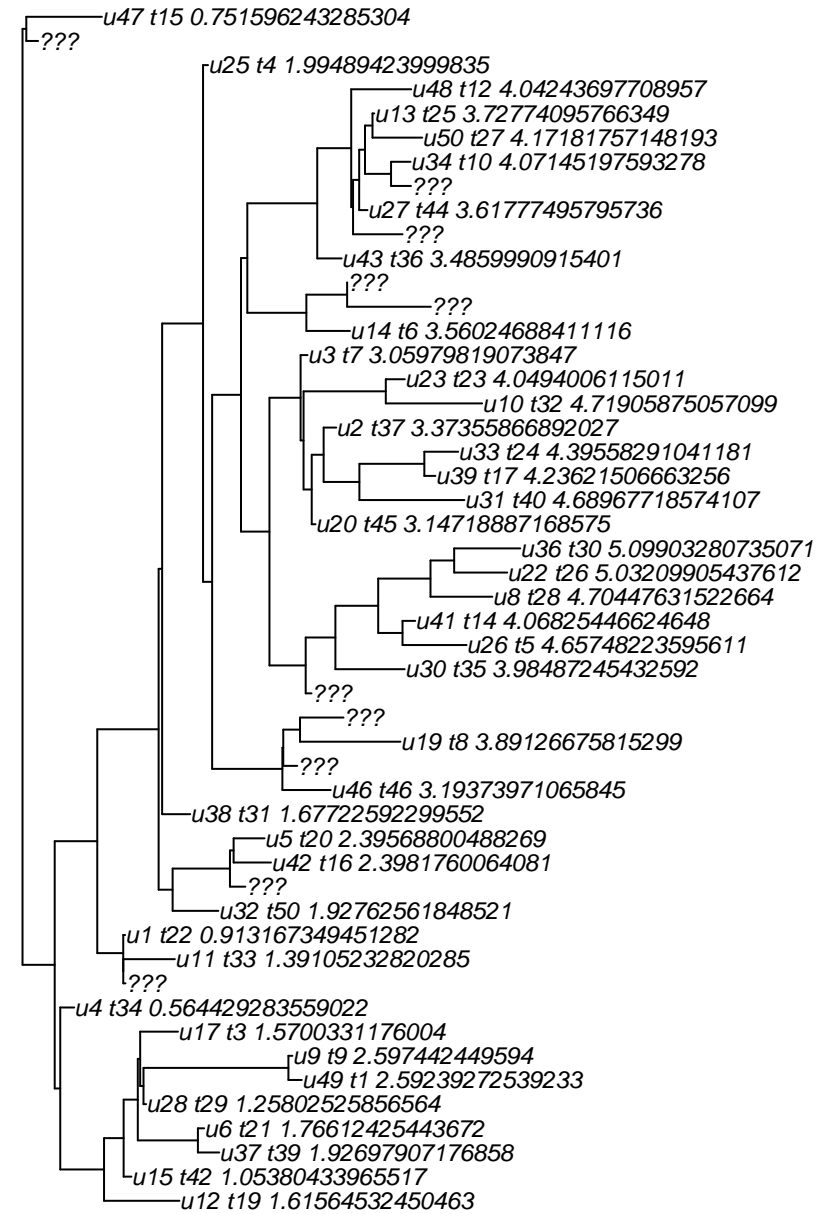
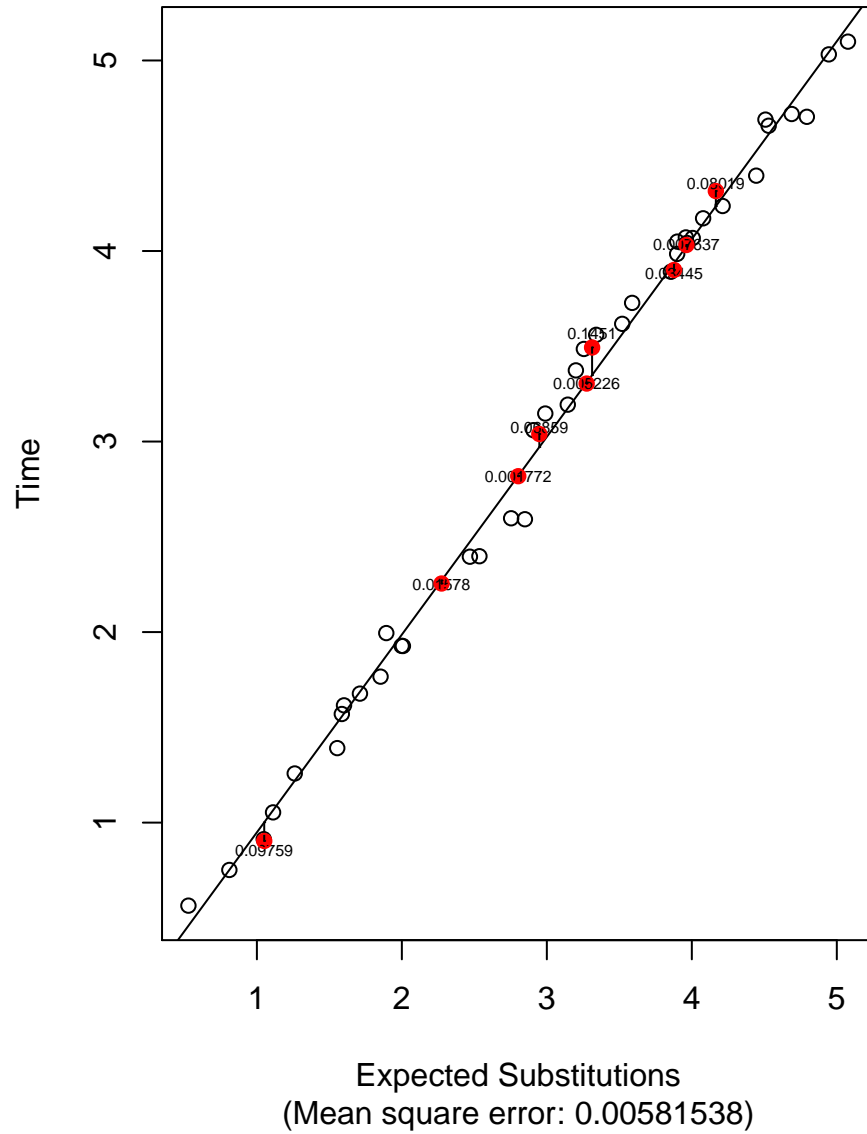
# coal: Simulated-no.42 (Remove 10)

## Time vs Distance



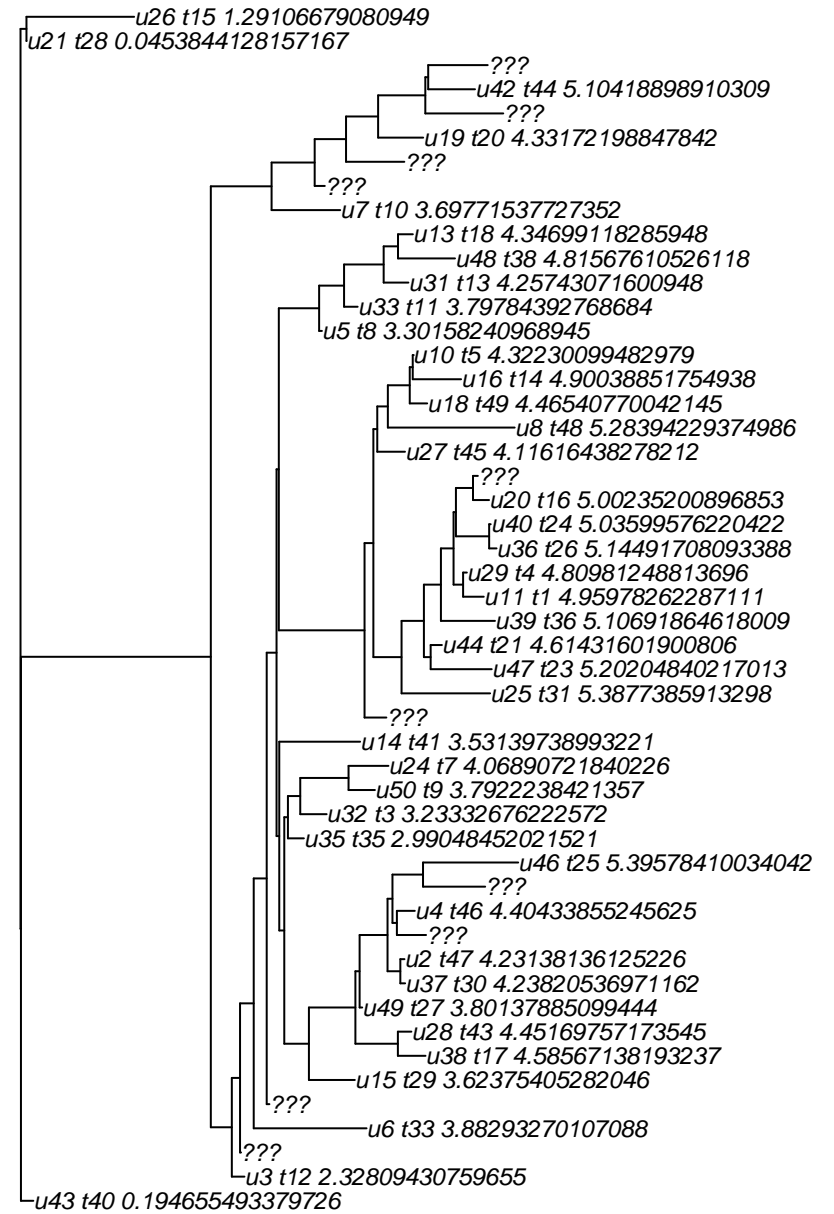
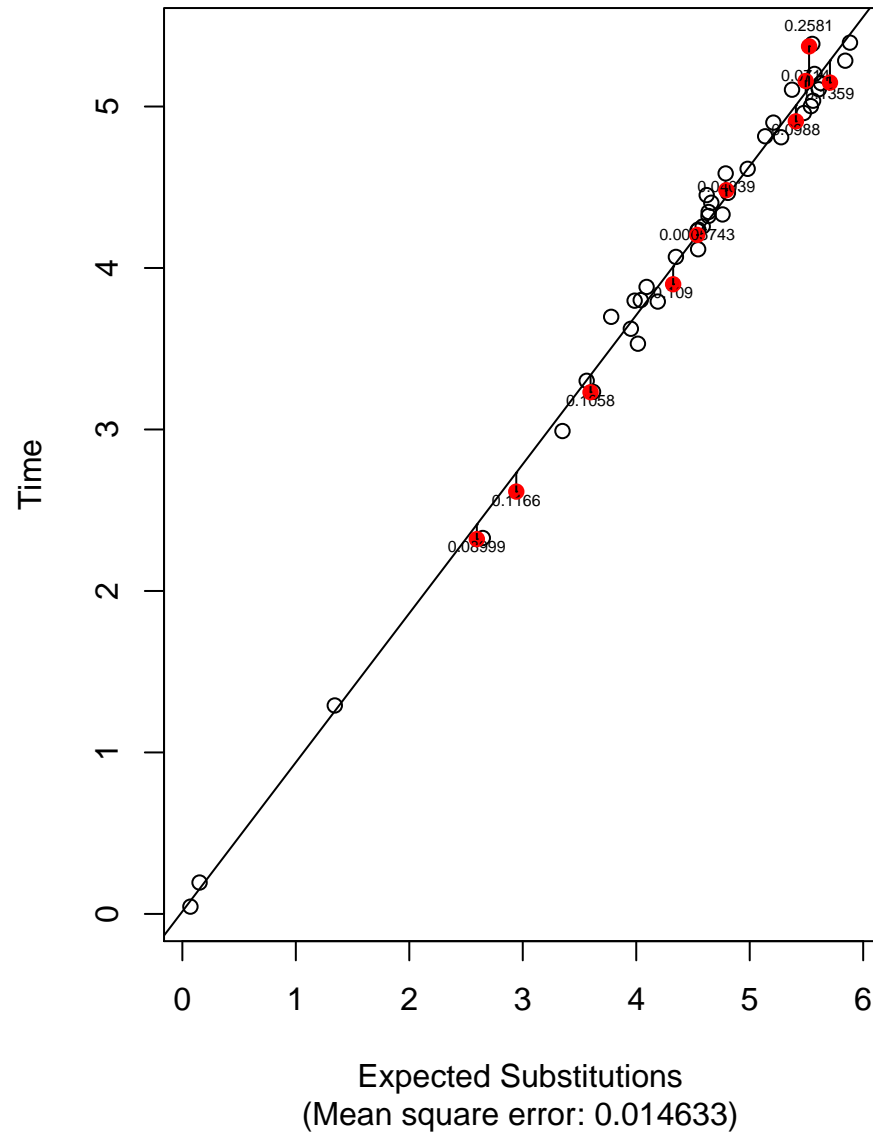
# coal: Simulated-no.43 (Remove 10)

## Time vs Distance



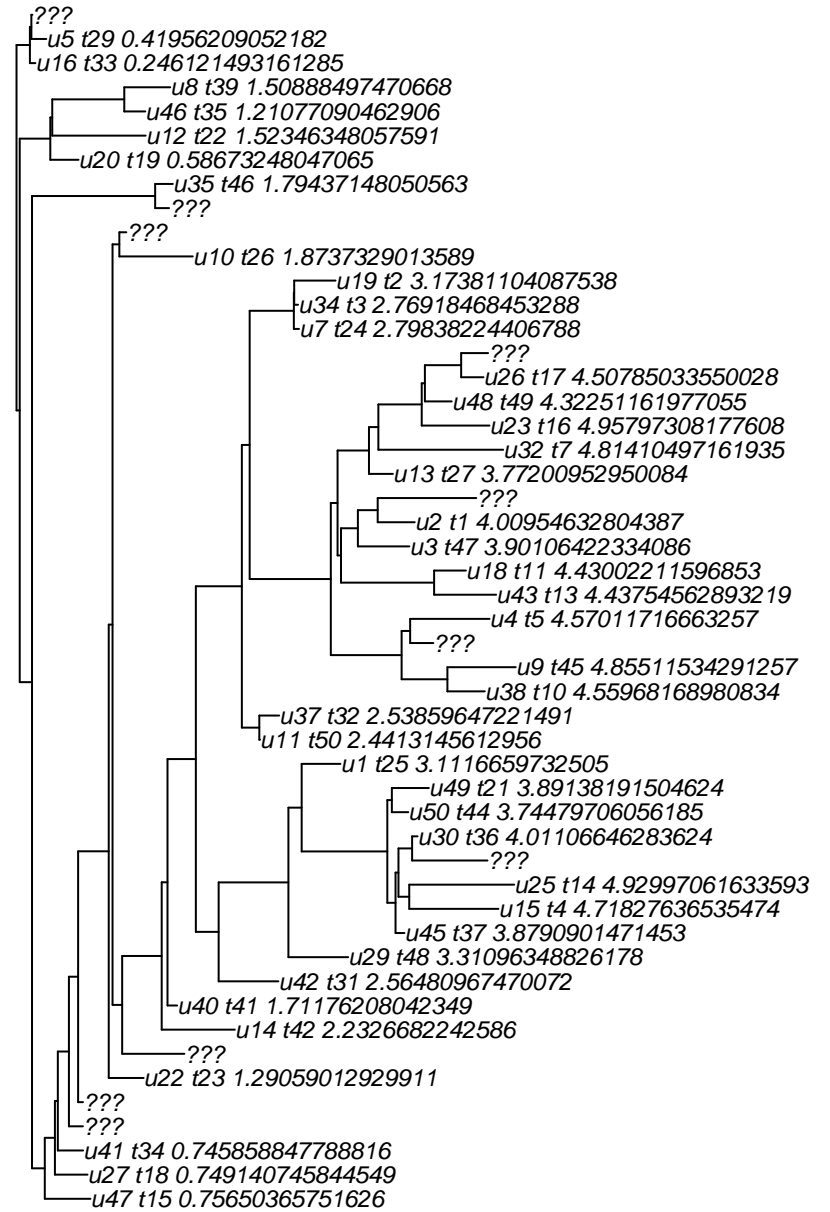
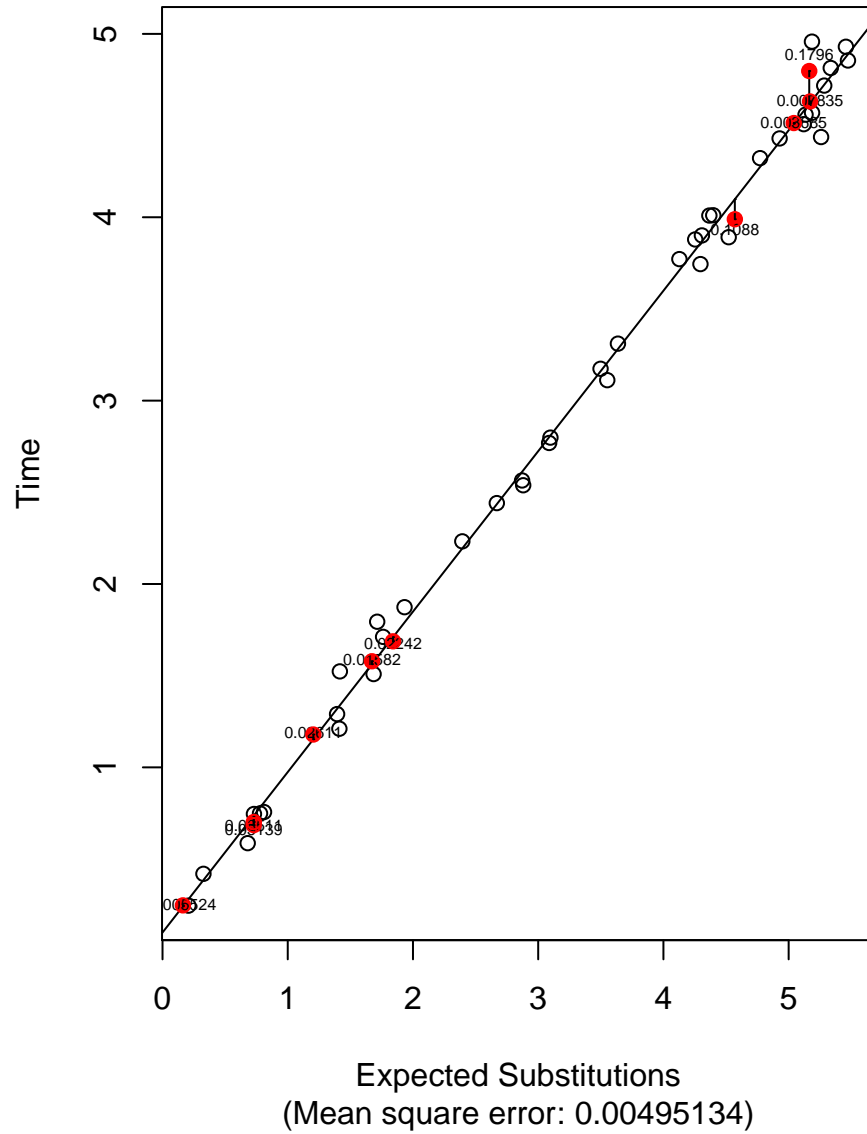
# coal: Simulated-no.44 (Remove 10)

## Time vs Distance



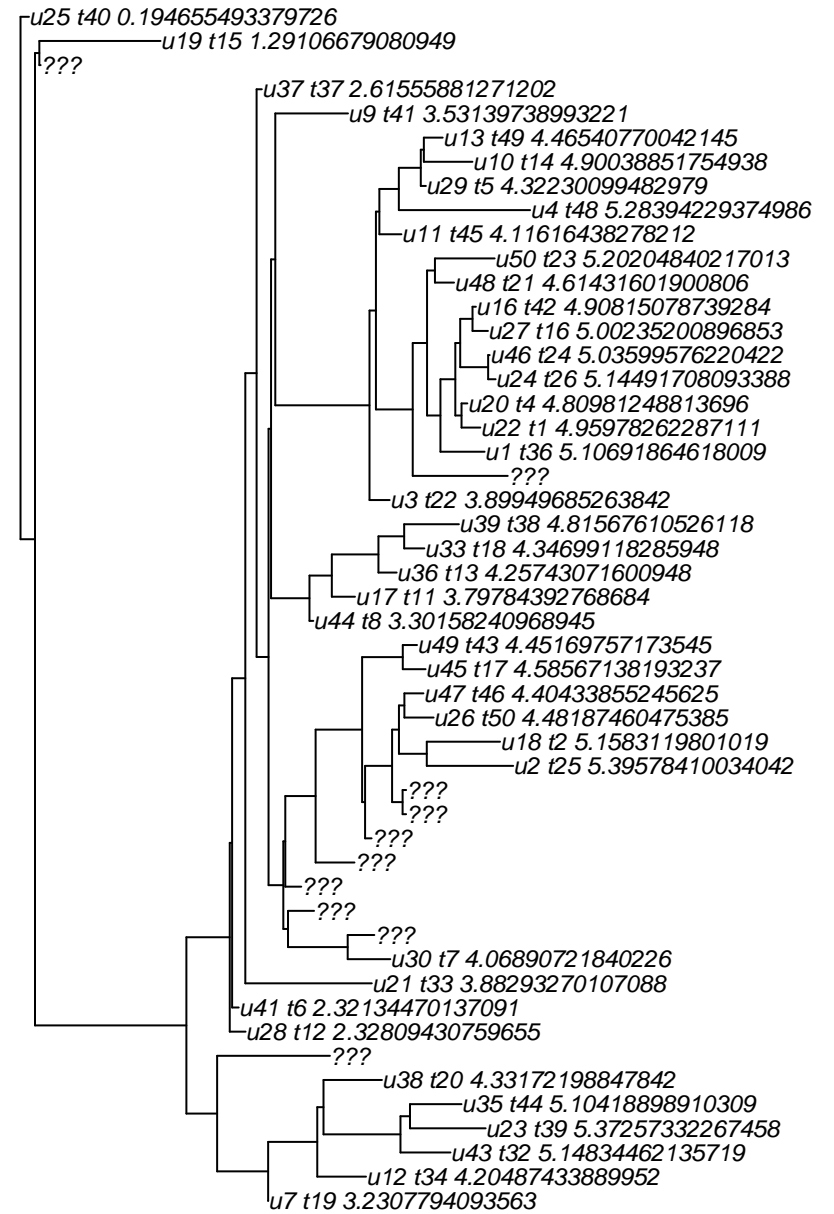
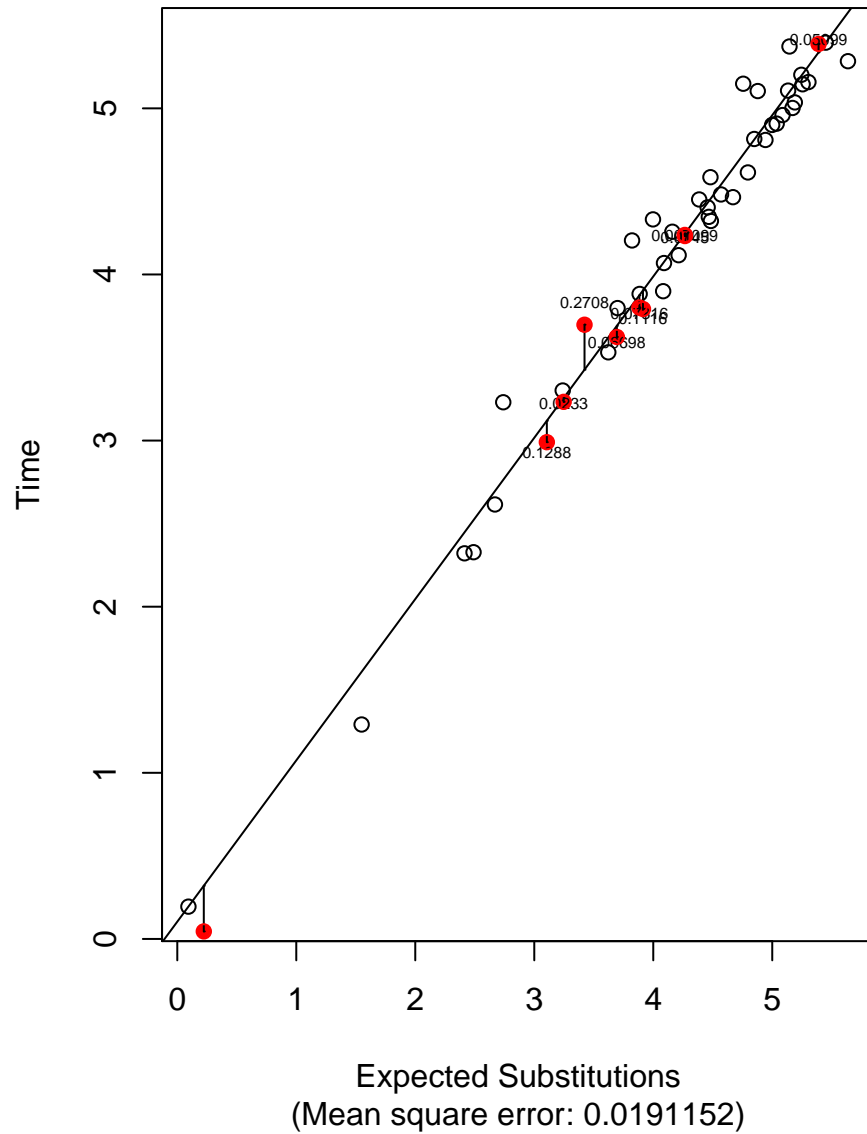
# coal: Simulated-no.45 (Remove 10)

## Time vs Distance



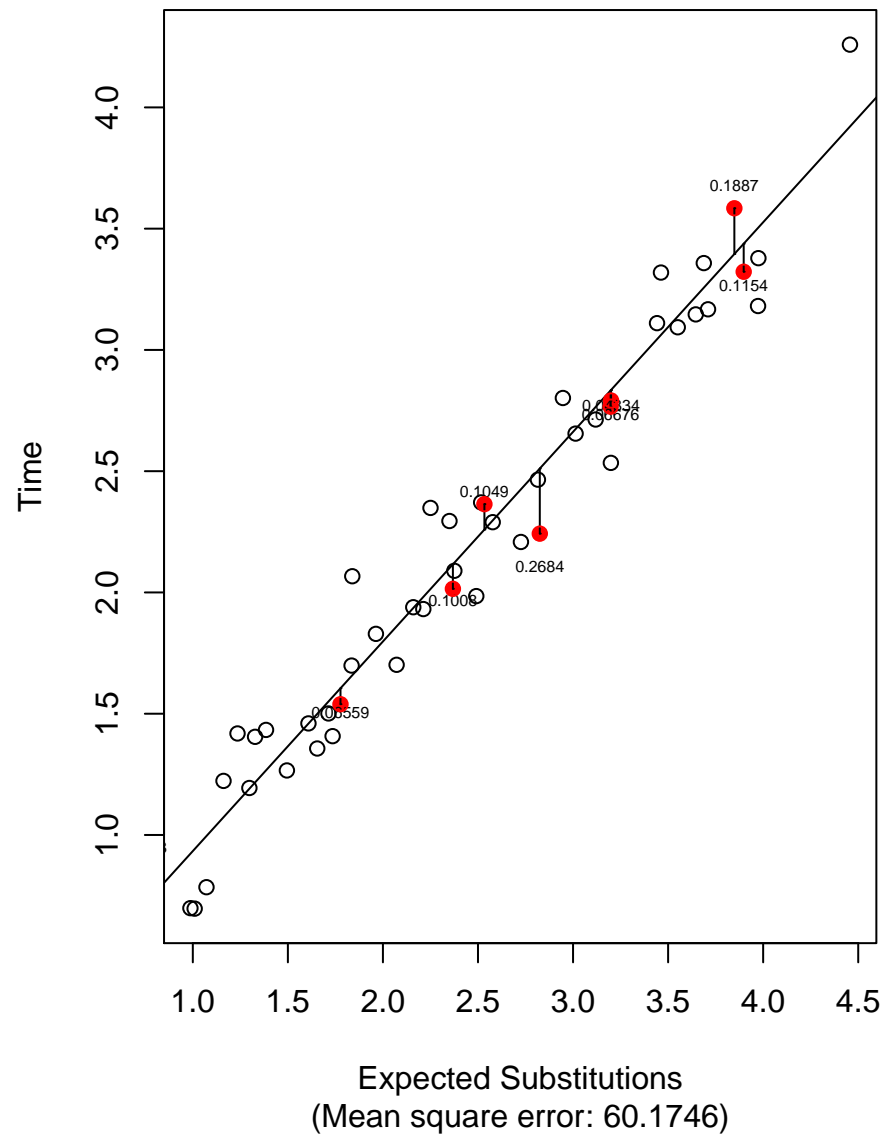
# coal: Simulated-no.46 (Remove 10)

## Time vs Distance



# coal: Simulated-no.47 (Remove 10)

## Time vs Distance



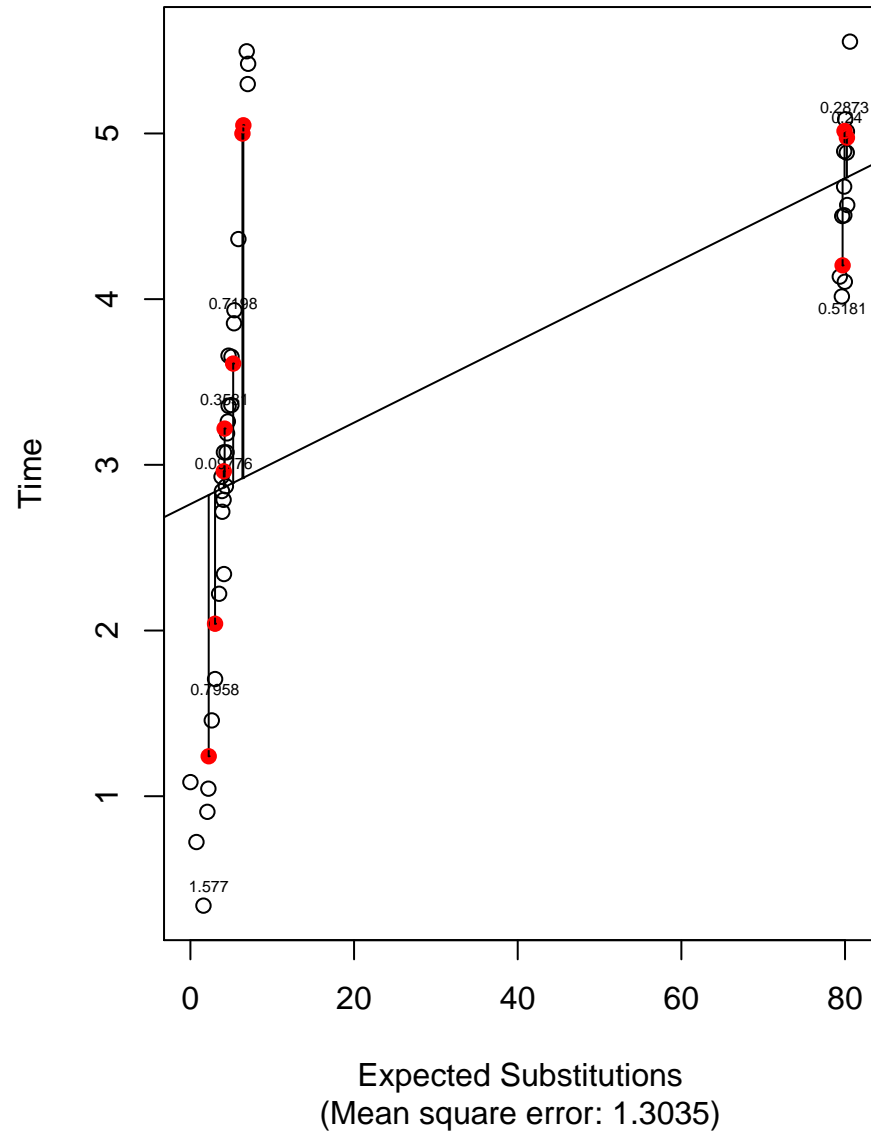
```

u19 t10 2.06698405507344
u33 t26 2.34862129525803
???
u6 t25 1.22306308945292
u23 t19 2.53434804789384
u3 t4 3.18115604693006
u44 t48 3.37854618928419
???
u11 t21 2.20823785092076
u5 t29 1.98502006106293
???
u32 t31 0.69638959413981
u1 t6 3.31909519137299
u24 t14 1.40757797638705
u49 t42 1.70180317122294
u25 t27 1.93161098718769
u15 t13 0.698330841023159
u43 t8 2.28978984703418
u29 t11 1.35664025734764
u7 t40 1.26609501264997
u26 t12 0.784723473225353
u12 t34 1.41863368751755
u48 t36 1.82937149321879
???
???
u39 t47 3.09350143819102
u50 t39 3.14655622231428
???
u41 t16 3.35809779177486
u18 t23 4.25896365613445
u17 t50 3.11052863552971
u30 t28 2.46521887911982
u38 t5 2.0893549029927
u8 t3 1.19381333983421
???
u37 t9 1.50111173491389
u27 t41 1.40473032593404
u4 t1 1.6985424101257
u14 t45 1.93916571669755
u42 t44 3.16758361329
u34 t35 2.65504905247909
u28 t7 2.71313322950564
???
u16 t49 2.29465795629873
u45 t20 2.37133863837502
u9 t37 2.801849719136
???
u22 t43 1.43321261326704
u10 t22 1.46009663183671

```

# coal: Simulated-no.48 (Remove 10)

## Time vs Distance



```

u16 t36 1.0852033083708
u23 t10 0.723581283603678
u5 t26 2.34097069742324
u30 t28 1.04558246623958
u8 t25 1.45757494391226
u15 t22 2.22194939746573
???
u26 t47 3.65924761519539
u40 t44 3.07588498107007
u6 t29 2.84200467872162
???
u28 t5 2.71681141568655
u37 t24 3.07555186401669

???
u32 t19 4.50633754513033
u7 t18 4.56843987009799
u9 t49 4.01631346410753
u1 t23 4.10511951963801
u50 t39 4.13615590124243
u17 t33 5.01223021939249
u4 t8 4.5016544291516
u13 t42 4.67946608331333
???
u20 t38 4.88468930858601
u35 t17 4.89317367486604
u29 t37 5.08597008263068
u48 t21 5.5545085078039
???

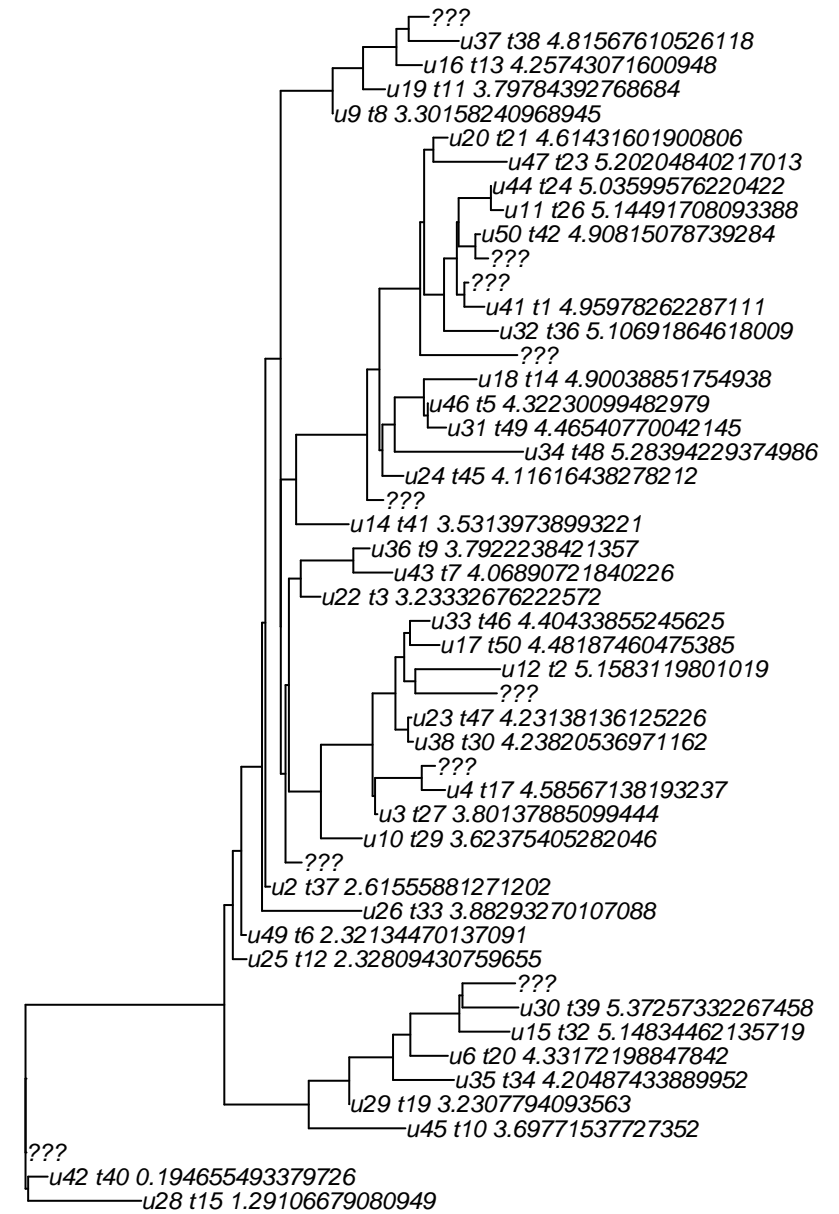
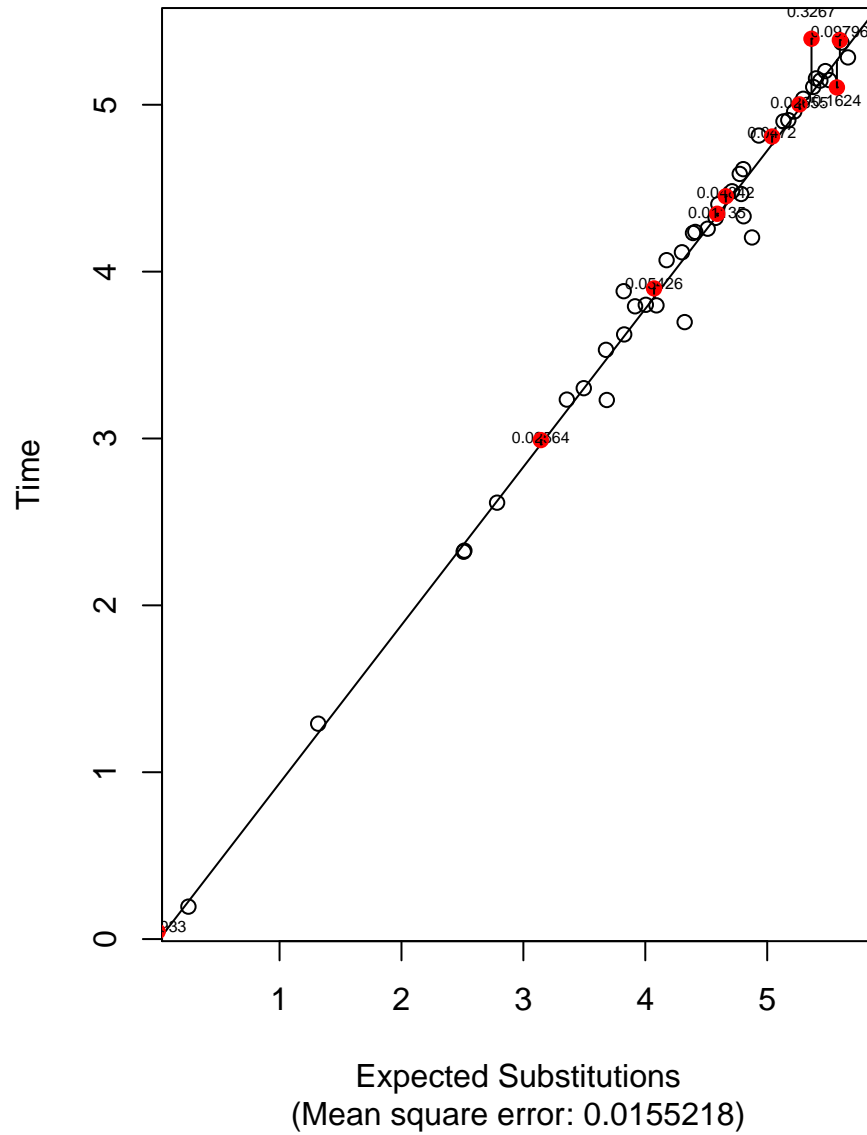
???
u24 t16 5.42071576635052
u11 t2 5.29831631414537
u34 t27 4.36282934843918
u44 t12 5.49622097922922
???
u19 t15 3.93328768010973
u3 t34 3.85442836819458
u14 t7 3.65244117881958
u49 t31 3.26199509440355
u36 t20 3.18988648364878
u38 t41 2.78895490363107
u47 t43 3.35598950371373
u42 t14 2.92837335264961
u18 t50 3.3606334975575
???
u22 t35 2.87097807601615
u43 t48 1.70727327223822
???
u45 t1 0.90591489255101
u25 t11 0.339728130312128
???

```



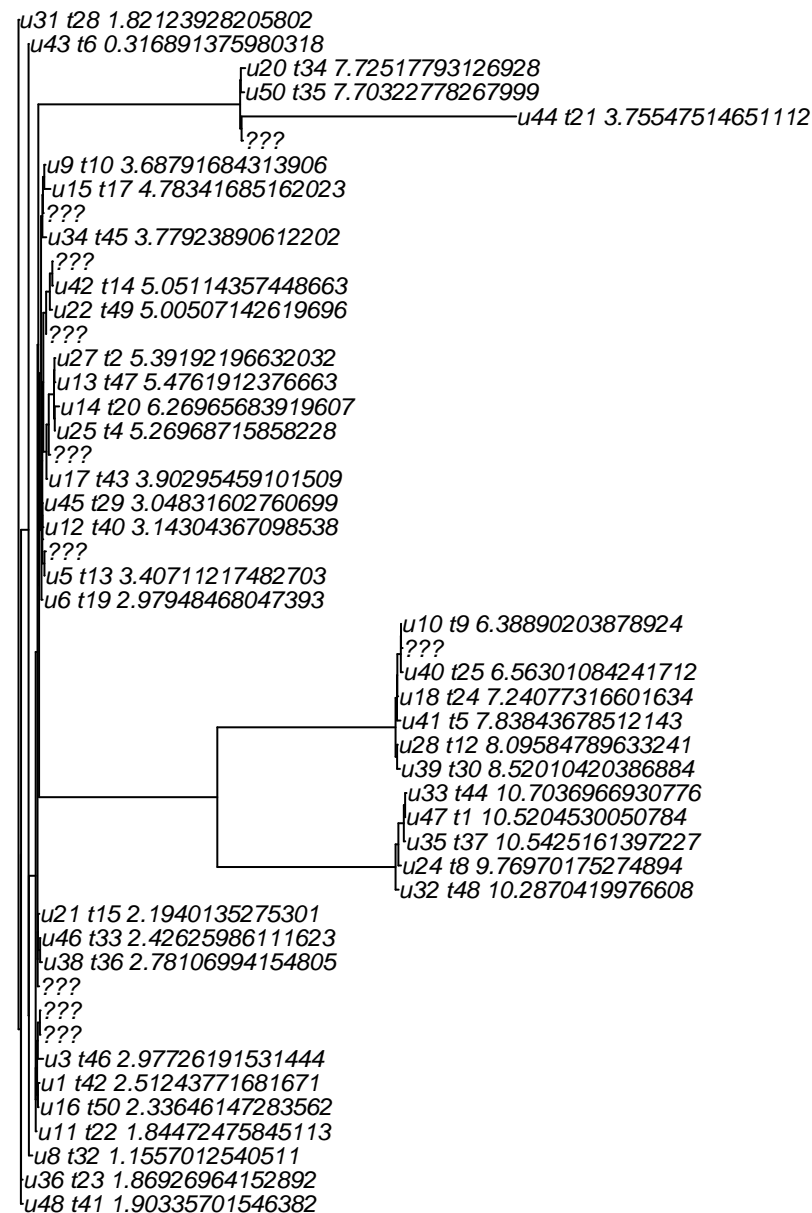
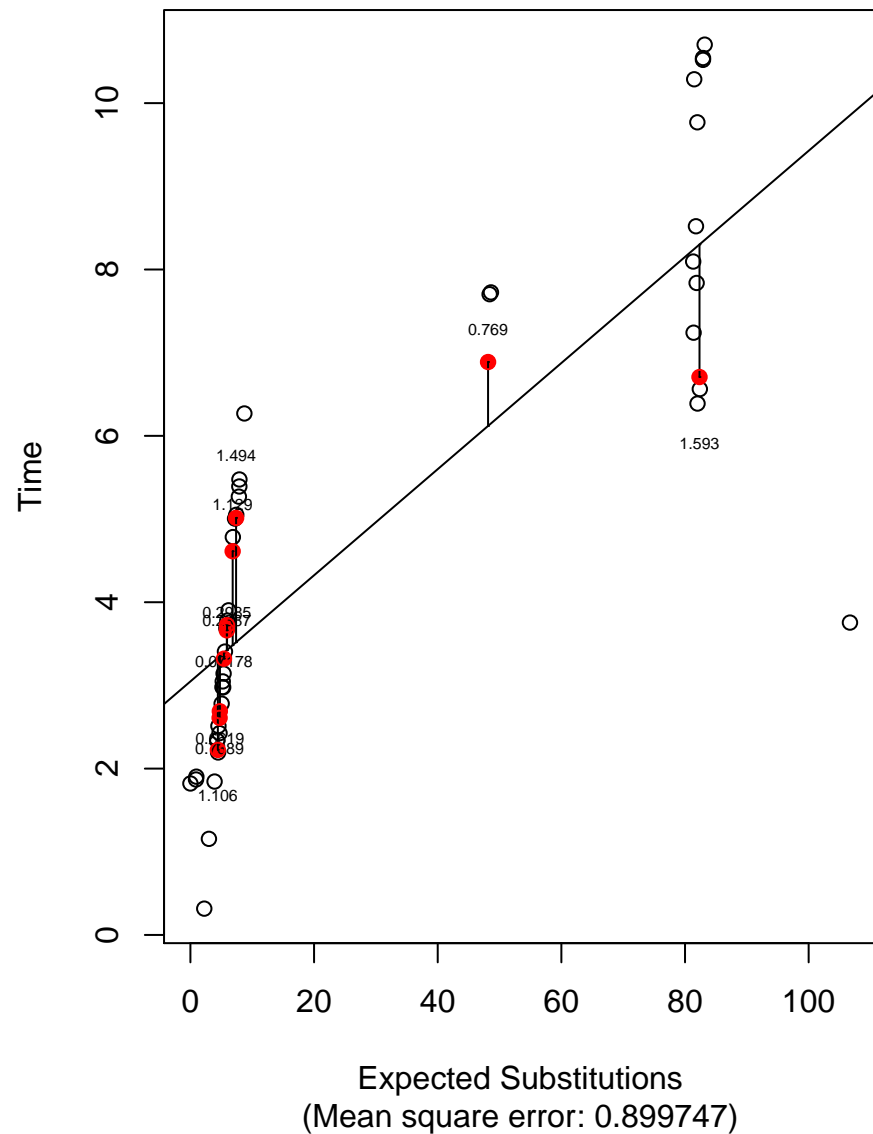
# coal: Simulated-no.49 (Remove 10)

## Time vs Distance



# coal: Simulated-no.50 (Remove 10)

## Time vs Distance



Histogram of MSE

