Stroke SNP Documentation using \LaTeX

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October 18, 2011

```
> source("Snp2.R")
Found a statistically insignificant OR :
     PMID dbSNP BroadEthnicity NarrowEthnicity AG_Plus ORValue CI FreqControl FreqPop ModelType Pvalue
22 19752551 rs3900940 Caucasian
                               Vienna CT 1.26 1-1.59
                                                                0.406
                                                                         NA additive 0.05
Found a statistically insignificant OR :
    PMID dbSNP BroadEthnicity NarrowEthnicity AG_Plus ORValue CI FreqControl FreqPop ModelType Pvalue
in Genotype sec; quering SNPInfo for frequencies ...
    PMID dbSNP BroadEthnicity NarrowEthnicity AG_Plus ORValue
                                                          CI FreqControl FreqPop ModelType Pvalue
PMID dbSNP BroadEthnicity NarrowEthnicity AG_Plus ORValue CI FreqControl Freq
1 19403135 rs1062708 Asian Japanese TT 1.00 <NA> 21.7
                                                                           NA recessive
                                             CC
2 19403135 rs1062708
                       Asian
                                  Japanese
                                                  0.82 0.68-0.99
                                                                    29.6
                                                                            NA recessive 0.0374
3 19403135 rs1062708
                       Asian
                                             TC
                                 Japanese
                                                  1.00 <NA>
                                                                   48.7
                                                                            NA recessive NA
[1] "Frequencies are given, I am not going to hapmap!"
[1] "Frequencies are given, I am not going to hapmap!"
[1] "Frequencies are given, I am not going to hapmap!"
Data Gathering Completed, Solving the equations ...
solving non linear equations ...
Freqs Are: [1] 48.7 21.7 29.6
 Successful convergence.
1.843298e-05 1.844085e-05 1.512154e-05
    snpID Genotype freq OR NewOR BroadEthnicity NarrowEthnicity name
TC 48.7 1.00 0.010542391
2 rs1062708
                                                    Japanese RUVBL2
                                         Asian
            TT 21.7 1.00 0.010546894
3 rs1062708
                                         Asian
                                                    Japanese RUVBL2
             CC 29.6 0.82 0.008648451
4 rs1062708
                                         Asian
                                                    Japanese RUVBL2
in Allele sec; quering SNPInfo for Major Minor Allele ...
     PMID dbSNP BroadEthnicity
                                                     NarrowEthnicity AG_Plus ORValue
                                                                                   CI FreqControl Fre
                  Caucasian White_Framingham Heart Study_Rotterdam Study T 1.24 1.13-1.35 NA
4 19369658 rs10794579
5 19369658 rs10794579
                     Caucasian White_Framingham Heart Study_Rotterdam Study
                                                                    C 1.00 <NA>
                                                                                             NA
Calculate Genotype Frequencies based on Hardy-Weinberg principle
Using FreqPop ...
Frequencies are:
               CC
    TT Het
1 0.1849 0.4902 0.3249
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.3249 0.4902 0.1849
 Successful convergence.
0.001434654 0.001778309 0.002204374
     snpID Genotype freq OR NewOR BroadEthnicity
                                                                        NarrowEthnicity
CC 0.3249 1.0000 0.8216869
                                        Caucasian White_Framingham Heart Study_Rotterdam Study C10orf88
2 rs10794579
             TC 0.4902 1.2400 1.0188633 Caucasian White_Framingham Heart Study_Rotterdam Study C10orf88
TT 0.1849 1.5376 1.2635116 Caucasian White_Framingham Heart Study_Rotterdam Study C10orf88
3 rs10794579
4 rs10794579
in Allele sec;
quering SNPInfo for Major Minor Allele \dots
     PMID
           dbSNP BroadEthnicity
                                                     NarrowEthnicity AG_Plus ORValue
                                                                                   CI FreqControl Fre
                  Caucasian White_Framingham Heart Study_Rotterdam Study G 1.00
6 19369658 rs10837576
                                                                                  <NA>
                                                                                       NA
                                                                    A 0.78 0.70-0.85
7 19369658 rs10837576
                     Caucasian White_Framingham Heart Study_Rotterdam Study
Calculate Genotype Frequencies based on Hardy-Weinberg principle
Using FreqPop ...
Frequencies are :
    GG Het
                AA
1 0.5041 0.4118 0.0841
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.5041 0.4118 0.0841
 Successful convergence.
0.001991132 0.001553653 0.00121235
     snpID Genotype freq OR
                               NewOR BroadEthnicity
                                                                        NarrowEthnicity
                                                                                             name
```

0

0

0

0

> setwd("/home/pouria3/workspace/GenStat/trunk/Hyp")

```
1 rs10837576
              <NA> 0.0000 0.0000 0.0000000
                                             Caucasian White_Framingham Heart Study_Rotterdam Study LRRC4C_RPL9P23
2 rs10837576
                GG 0.5041 1.0000 1.1410412
                                             Caucasian White_Framingham Heart Study_Rotterdam Study LRRC4C_RPL9P23
3 rs10837576
                GA 0.4118 0.7800 0.8899488
                                             Caucasian White_Framingham Heart Study_Rotterdam Study LRRC4C_RPL9P23
                AA 0.0841 0.6084 0.6942094
                                             Caucasian White_Framingham Heart Study_Rotterdam Study LRRC4C_RPL9P23
4 rs10837576
in Allele sec; quering SNPInfo for Major Minor Allele ...
               dbSNP BroadEthnicity
                                                           NarrowEthnicity AG_Plus ORValue
      PMID
                                                                                              CI FreqControl Fre
                        Caucasian White_Framingham Heart Study_Rotterdam Study
8 19369658 rs11615969
                                                                              Т
                                                                                   1.00
                                                                                            <NA>
                                                                                                        NA
9 19369658 rs11615969
                        Caucasian White_Framingham Heart Study_Rotterdam Study
                                                                              C
                                                                                   1.53 1.27-1.84
                                                                                                        NA
Calculate Genotype Frequencies based on Hardy-Weinberg principle
Using FreqPop ...
Frequencies are:
     TT
                 CC
          Het
1 0.8281 0.1638 0.0081
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.8281 0.1638 0.0081
 Successful convergence.
0.001590499 0.002431315 0.003715138
      snpID Genotype freq
                             0R
                                   NewOR BroadEthnicity
                                                                                NarrowEthnicity
1 rs11615969 <NA> 0.0000 0.0000 0.0000000
                                             Caucasian White_Framingham Heart Study_Rotterdam Study BBS10_LOC641695
2 rs11615969
               TT 0.8281 1.0000 0.9110882
                                             Caucasian White_Framingham Heart Study_Rotterdam Study BBS10_LOC641695
3 rs11615969
                TC 0.1638 1.5300 1.3939080
                                             Caucasian White_Framingham Heart Study_Rotterdam Study BBS10_LOC641695
4 rs11615969
                CC 0.0081 2.3409 2.1326867
                                             Caucasian White_Framingham Heart Study_Rotterdam Study BBS10_LOC641695
in Allele sec; quering SNPInfo for Major Minor Allele ...
       PMID
                dbSNP BroadEthnicity
                                                            NarrowEthnicity AG_Plus ORValue
                                                                                               CI FreqControl Fr
10 19369658 rs12786704
                         Caucasian White_Framingham Heart Study_Rotterdam Study
                                                                               G
                                                                                   1.36 1.19-1.55
                                                                                                         NA
                        Caucasian White_Framingham Heart Study_Rotterdam Study
11 19369658 rs12786704
                                                                                   1.00
                                                                                            <NA>
                                                                                                         NA
Calculate Genotype Frequencies based on Hardy-Weinberg principle
Using FreqPop ...
Frequencies are:
     GG
          Het
                 AA
1 0.0256 0.2688 0.7056
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.7056 0.2688 0.0256
 Successful convergence.
0.001560862 0.00212162 0.002883
      snpID Genotype freq
                             \mathsf{OR}
                                   NewOR BroadEthnicity
                                                                                NarrowEthnicity name
1 rs12786704 <NA> 0.0000 0.0000 0.0000000
                                             Caucasian White_Framingham Heart Study_Rotterdam Study NTM
                                             Caucasian White_Framingham Heart Study_Rotterdam Study NTM
2 rs12786704
                AA 0.7056 1.0000 0.8940847
3 rs12786704
                AG 0.2688 1.3600 1.2159778
                                             Caucasian White_Framingham Heart Study_Rotterdam Study NTM
4 rs12786704
                GG 0.0256 1.8496 1.6536139
                                             Caucasian White_Framingham Heart Study_Rotterdam Study NTM
in Genotype sec; quering SNPInfo for frequencies ...
              dbSNP BroadEthnicity NarrowEthnicity AG_Plus ORValue
                                                                   CI FreqControl FreqPop ModelType Pvalue
12 19403135 rs1671021
                           Asian
                                       Japanese
                                                                  <NA>
                                                                            24.9
                                                                                     NA dominant
                                                                                                    NA
13 19403135 rs1671021
                                                   CC
                                                         0.74 0.62-0.87
                                                                             2.2
                           Asian
                                       Japanese
                                                                                     NA dominant 0.004
                                                                            72.9
14 19403135 rs1671021
                                                   TT
                                                         1.00
                                                                  <NA>
                                                                                     NA dominant
                           Asian
                                       Japanese
                                                                                                    NΑ
[1] "Frequencies are given, I am not going to hapmap!"
[1] "Frequencies are given, I am not going to hapmap!"
[1] "Frequencies are given, I am not going to hapmap!"
Data Gathering Completed, Solving the equations ...
solving non linear equations ...
Freqs Are: [1] 72.9 24.9 2.2
 Successful convergence.
1.755488e-05 1.755475e-05 1.299052e-05
     snpID Genotype freq OR
                                 NewOR BroadEthnicity NarrowEthnicity name
1 rs1671021
              <NA> 0.0 0.00 0.000000000
                                              Asian
                                                          Japanese LLGL2
               TT 72.9 1.00 0.010040170
2 rs1671021
                                              Asian
                                                          Japanese LLGL2
3 rs1671021
                CT 24.9 1.00 0.010040098
                                              Asian
                                                          Japanese LLGL2
               CC 2.2 0.74 0.007429639
                                                         Japanese LLGL2
4 rs1671021
                                              Asian
```

0

0

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in Allele sec; quering SNPInfo for Major Minor Allele ...
               dbSNP BroadEthnicity NarrowEthnicity AG_Plus ORValue CI FreqControl FreqPop ModelType Pvalue
                                                                                  NA Additive 0.965
15 21511255 rs1671021
                                                     C 1.00001 <NA>
                        Caucasian
                                      Portuguese
                                                                           NΑ
16 21511255 rs1671021
                        Caucasian
                                     Portuguese
                                                     T 1.00000 <NA>
                                                                           NΑ
                                                                                  NA Additive
Calculate Genotype Frequencies based on Hardy-Weinberg principle
No Freq Found... Going to HapMap
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.4159292 0.4247788 0.1592920
 Successful convergence.
0.001745407 0.001745519 0.001745528
     snpID Genotype
                                \mathsf{OR}
                                       NewOR BroadEthnicity NarrowEthnicity name
                       freq
             <NA> 0.0000000 0.00000 0.0000000
1 rs1671021
                                                 Caucasian
                                                              Portuguese LLGL2
                TT 0.4159292 1.00000 0.9999795
2 rs1671021
                                                 Caucasian
                                                              Portuguese LLGL2
3 rs1671021
                TC 0.4247788 1.00001 1.0000438
                                                 Caucasian
                                                              Portuguese LLGL2
4 rs1671021
                CC 0.1592920 1.00002 1.0000486
                                                 Caucasian
                                                              Portuguese LLGL2
in Allele sec; quering SNPInfo for Major Minor Allele ...
                dbSNP BroadEthnicity
                                                             NarrowEthnicity AG_Plus ORValue
       PMID
                                                                                                 CI FreqControl Fr
                         Caucasian White_Framingham Heart Study_Rotterdam Study A
17 19369658 rs17429019
                                                                                     1.00
                                                                                              <NA>
                                                                                                           NA
18 19369658 rs17429019
                         Caucasian White_Framingham Heart Study_Rotterdam Study
                                                                               G
                                                                                     1.49 1.26-1.76
                                                                                                           NA
Calculate Genotype Frequencies based on Hardy-Weinberg principle
Using FreqPop ...
Frequencies are:
                  GG
     AA
          Het.
1 0.8836 0.1128 0.0036
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.8836 0.1128 0.0036
 Successful convergence.
0.001647399 0.002452685 0.003650139
                                   NewOR BroadEthnicity
                                                                                NarrowEthnicity
      snpID Genotype freq
                             0R
                                             Caucasian White_Framingham Heart Study_Rotterdam Study TPRG1_TP63
1 rs17429019
              <NA> 0.0000 0.0000 0.000000
2 rs17429019
               AA 0.8836 1.0000 0.943736
                                             Caucasian White_Framingham Heart Study_Rotterdam Study TPRG1_TP63
3 rs17429019
                 AG 0.1128 1.4900 1.406190
                                             Caucasian White_Framingham Heart Study_Rotterdam Study TPRG1_TP63
                                             Caucasian White_Framingham Heart Study_Rotterdam Study TPRG1_TP63
4 rs17429019
                 GG 0.0036 2.2201 2.095237
in Allele sec;
quering SNPInfo for Major Minor Allele \dots
       PMID
               dbSNP BroadEthnicity
                                                            NarrowEthnicity AG_Plus ORValue
                                                                                                CI FreqControl Fre
19 19369658 rs2318308
                        Caucasian White_Framingham Heart Study_Rotterdam Study G 1.00
                                                                                                          NA
                        Caucasian White_Framingham Heart Study_Rotterdam Study
20 19369658 rs2318308
                                                                               Α
                                                                                    0.75 0.66-0.85
                                                                                                          NA
Calculate Genotype Frequencies based on Hardy-Weinberg principle
Using FreqPop ...
Frequencies are :
     GG
          Het
                  AA
1 0.5329 0.3942 0.0729
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.5329 0.3942 0.0729
 Successful convergence.
0.002006844 0.00150589 0.0011298
     snpID Genotype freq
                            \mathsf{OR}
                                   NewOR BroadEthnicity
                                                                                NarrowEthnicity
1 rs2318308
              <NA> 0.0000 0.0000 0.0000000
                                             Caucasian White_Framingham Heart Study_Rotterdam Study FTHL13_YBX1P1
                                             Caucasian White_Framingham Heart Study_Rotterdam Study FTHL13_YBX1P1
2 rs2318308
                GG 0.5329 1.0000 1.1500633
3 rs2318308
                GA 0.3942 0.7500 0.8625483
                                             Caucasian White_Framingham Heart Study_Rotterdam Study FTHL13_YBX1P1
4 rs2318308
                AA 0.0729 0.5625 0.6468867
                                             Caucasian White_Framingham Heart Study_Rotterdam Study FTHL13_YBX1P1
in Genotype sec; quering SNPInfo for frequencies ...
      PMID
              dbSNP BroadEthnicity NarrowEthnicity AG_Plus ORValue
                                                                     CI FreqControl FreqPop ModelType Pvalue
21 19752551 rs3900940
                        Caucasian
                                         Vienna
                                                    TT 1.000000
                                                                   <NA>
                                                                             0.503
                                                                                       NA additive
22 19752551 rs3900940
                        Caucasian
                                         Vienna
                                                    CT 1.000001
                                                                1-1.59
                                                                             0.406
                                                                                       NA additive
                                                                                                    0.05
                                                    CC 1.000001 0.8-1.75
                                                                             0.092
23 19752551 rs3900940
                        Caucasian
                                         Vienna
                                                                                       NA additive
                                                                                                    0.25
[1] "Frequencies are given, I am not going to hapmap!"
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[1] "Frequencies are given, I am not going to hapmap!"
[1] "Frequencies are given, I am not going to hapmap!"
Data Gathering Completed, Solving the equations ...
solving non linear equations ...
Freqs Are: [1] 0.092 0.406 0.503
 Successful convergence.
0.001743675 \ 0.001743759 \ 0.001743619
    snpID Genotype freq
                               NewOR BroadEthnicity NarrowEthnicity name
                          0R
2 rs3900940
            CC 0.092 1.000001 0.9989853
                                        Caucasian
                                                        Vienna MYH15
3 rs3900940
            CT 0.406 1.000001 0.9990338
                                        Caucasian
                                                        Vienna MYH15
4 rs3900940
             TT 0.503 1.000000 0.9989532
                                        Caucasian
                                                        Vienna MYH15
in Allele sec; quering SNPInfo for Major Minor Allele ...
           dbSNP BroadEthnicity
                                                     NarrowEthnicity AG_Plus ORValue
                                                                                    CI FreqControl Fre
24 19369658 rs4867131
                     Caucasian White_Framingham Heart Study_Rotterdam Study A 1.49 1.27-1.75
                     Caucasian White_Framingham Heart Study_Rotterdam Study
25 19369658 rs4867131
                                                                      C
                                                                          1.00
                                                                                  <NA>
                                                                                              NA
Calculate Genotype Frequencies based on Hardy-Weinberg principle
Using FreqPop ...
Frequencies are:
    AA
        Het
               CC
1 0.0121 0.1958 0.7921
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.7921 0.1958 0.0121
 Successful convergence.
0.001571832 0.00234025 0.003482978
    snpID Genotype freq OR
                              NewOR BroadEthnicity
                                                                      NarrowEthnicity
Caucasian White_Framingham Heart Study_Rotterdam Study LOC340113_RPS8P8
           CC 0.7921 1.0000 0.900378
                                       Caucasian White_Framingham Heart Study_Rotterdam Study LOC340113_RPS8P8
2 rs4867131
3 rs4867131
             CA 0.1958 1.4900 1.341576
                                       Caucasian White_Framingham Heart Study_Rotterdam Study LOC340113_RPS8P8
             AA 0.0121 2.2201 1.998949
                                       Caucasian White_Framingham Heart Study_Rotterdam Study LOC340113_RPS8P8
4 rs4867131
in Genotype sec; quering SNPInfo for frequencies ...
            dbSNP BroadEthnicity NarrowEthnicity AG_Plus ORValue
                                                           CI FreqControl FreqPop ModelType Pvalue
26 19403135 rs6007897
                      Asian
                                Japanese
                                              TT 1.00
                                                           <NA>
                                                                     97.3 NA dominant
27 19403135 rs6007897
                                   Japanese
                                              CC
                                                  1.85 1.29-2.61
                                                                     0.0
                        Asian
                                                                             NA dominant 6e-04
                                              CT 1.85 1.29-2.61
                                                                    2.7
28 19403135 rs6007897
                       Asian
                                   Japanese
                                                                             NA dominant 6e-04
[1] "Frequencies are given, I am not going to hapmap!"
[1] "Frequencies are given, I am not going to hapmap!"
[1] "Frequencies are given, I am not going to hapmap!"
Data Gathering Completed, Solving the equations ...
solving non linear equations ...
Freqs Are: [1] 97.3 0.0 2.7
 Successful convergence.
1.70635e-05 3.154798e-05 3.154227e-05
    snpID Genotype freq OR NewOR BroadEthnicity NarrowEthnicity name
Japanese CELSR1
2 rs6007897
            TT 97.3 1.00 0.009759129
                                         Asian
                                                    Japanese CELSR1
3 rs6007897
             CC 0.0 1.85 0.018043502
                                                    Japanese CELSR1
                                         Asian
            CT 2.7 1.85 0.018040240
4 rs6007897
                                                    Japanese CELSR1
                                        Asian
in Allele sec; quering SNPInfo for Major Minor Allele ...
             PMID
                                 Portuguese C 1.43 1.13-1.81
29 21511255 rs6007897
                     Caucasian
                                                                      NA
                                                                             NA Additive 0.003
30 21511255 rs6007897
                     Caucasian
                                 Portuguese
                                               Т
                                                   1.00
                                                          <NA>
                                                                      NA
                                                                             NA Additive
Calculate Genotype Frequencies based on Hardy-Weinberg principle
No Freq Found... Going to HapMap
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.66666667 0.31531532 0.01801802
 Successful convergence.
0.001512433 \ 0.002161409 \ 0.003087972
    snpID Genotype
                            OR.
                                  NewOR BroadEthnicity NarrowEthnicity name
                     freq
```

```
<NA> 0.00000000 0.0000 0.0000000
                                                Caucasian
                                                              Portuguese CELSR1
2 rs6007897
               TT 0.66666667 1.0000 0.8663014
                                                Caucasian
                                                              Portuguese CELSR1
3 rs6007897
                TC 0.31531532 1.4300 1.2388318
                                                Caucasian
                                                              Portuguese CELSR1
                CC 0.01801802 2.0449 1.7715446
                                                              Portuguese CELSR1
4 rs6007897
                                                Caucasian
in Allele sec; quering SNPInfo for Major Minor Allele ...
               dbSNP BroadEthnicity
                                                            NarrowEthnicity AG_Plus ORValue
       PMID
                                                                                               CI FreqControl Fre
31 19369658 rs6820391
                        Caucasian White_Framingham Heart Study_Rotterdam Study
                                                                                   1.00
                                                                             С
                                                                                            <NA>
                                                                                                        NA
32 19369658 rs6820391
                        Caucasian White_Framingham Heart Study_Rotterdam Study
                                                                                   1.24 1.13-1.36
                                                                                                         NA
Calculate Genotype Frequencies based on Hardy-Weinberg principle
Using FreqPop ...
Frequencies are :
     CC
          Het
                  AA
1 0.5184 0.4032 0.0784
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.5184 0.4032 0.0784
 Successful convergence.
0.001532941 0.00190014 0.002355106
     snpID Genotype freq
                                   NewOR BroadEthnicity
                            or
                                                                               NarrowEthnicity name
1 rs6820391 <NA> 0.0000 0.0000 0.0000000
                                            Caucasian White_Framingham Heart Study_Rotterdam Study LNX1
2 rs6820391
              CC 0.5184 1.0000 0.8780664
                                            Caucasian White_Framingham Heart Study_Rotterdam Study LNX1
3 rs6820391
               CA 0.4032 1.2400 1.0887978
                                            Caucasian White_Framingham Heart Study_Rotterdam Study LNX1
                                            Caucasian White_Framingham Heart Study_Rotterdam Study LNX1
4 rs6820391
               AA 0.0784 1.5376 1.3501132
in Allele sec; quering SNPInfo for Major Minor Allele ...
       PMID
              dbSNP BroadEthnicity
                                                           NarrowEthnicity AG_Plus ORValue
                                                                                              CI FreqControl Freq
33 19369658 rs713536
                       Caucasian White_Framingham Heart Study_Rotterdam Study T
                                                                                  1.26 1.14-1.38
                                                                                                        NA
                       Caucasian White_Framingham Heart Study_Rotterdam Study
34 19369658 rs713536
                                                                                  1.00
                                                                                           <NA>
                                                                                                        NA
Calculate Genotype Frequencies based on Hardy-Weinberg principle
Using FreqPop ...
Frequencies are :
                  CC
     TT
          Het
1 0.2209 0.4982 0.2809
[1] "Data Gathering Completed, Solving the equations ..."
solving non linear equations ...
Freqs Are: [1] 0.2809 0.4982 0.2209
 Successful convergence.
0.00138647 \ 0.001746381 \ 0.002199435
    snpID Genotype freq
                         OR
                                  NewOR BroadEthnicity
                                                                               NarrowEthnicity
1 rs713536 <NA> 0.0000 0.0000 0.0000000
                                            Caucasian White_Framingham Heart Study_Rotterdam Study C8orf79_DLC1
              CC 0.2809 1.0000 0.7940517
                                            Caucasian White_Framingham Heart Study_Rotterdam Study C8orf79_DLC1
2 rs713536
                                            Caucasian White_Framingham Heart Study_Rotterdam Study C8orf79_DLC1
3 rs713536
               CT 0.4982 1.2600 1.0005384
```

Caucasian White_Framingham Heart Study_Rotterdam Study C8orf79_DLC1

0

0

0.

Number of Snps processed is: 13

TT 0.2209 1.5876 1.2606747

4 rs713536

1 rs6007897