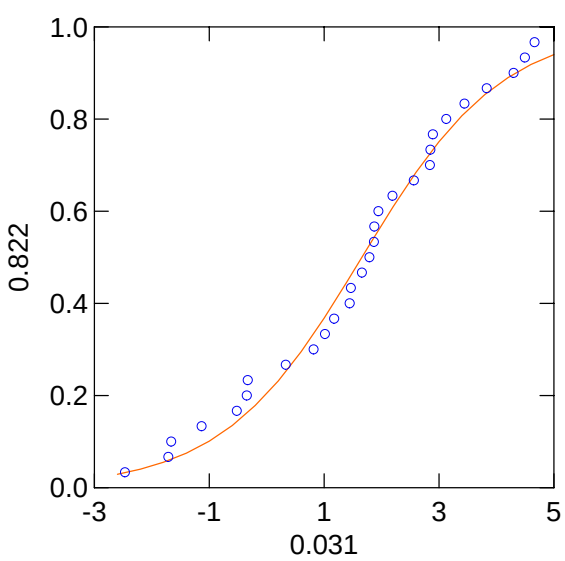
IMPORT successfully completed.

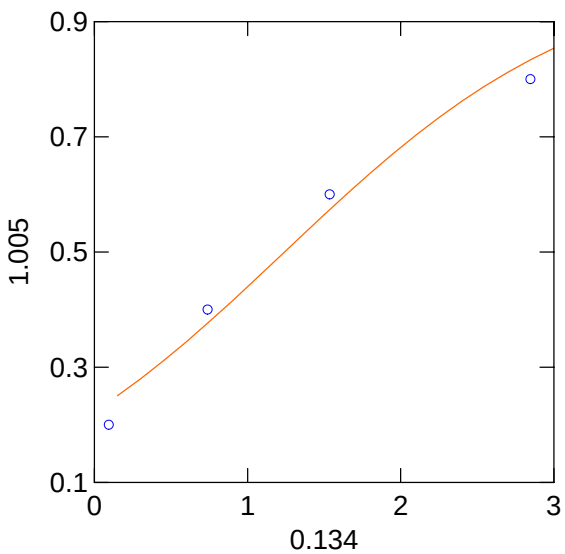
mo

```
 Iteration
 No.      Loss      ALPHA       BETA
   0 .456431D+00-.101000D+01 .102000D+01
   1 .803892D-01-.124717D+01 .678224D+00
   2 .289993D-01-.133382D+01 .806661D+00
   3 .287366D-01-.136089D+01 .821406D+00
   4 .287347D-01-.136348D+01 .822354D+00
   5 .287347D-01-.136371D+01 .822454D+00
   6 .287347D-01-.136373D+01 .822462D+00

Dependent variable is P

    Source   Sum-of-Squares    df  Mean-Square
 Regression           9.477     2        4.738
   Residual           0.029    27        0.001

      Total           9.506    29
Mean corrected        2.256    28

       Raw  R-square (1-Residual/Total)        =        0.997
Mean corrected R-square (1-Residual/Corrected) =        0.987
          R(observed vs predicted) square      =        0.988

                                                     Wald Confidence Interval
Parameter          Estimate       A.S.E.    Param/ASE        Lower < 95%> Upper
 ALPHA               -1.364        0.064      -21.249       -1.495       -1.232
 BETA                 0.822        0.031       26.348        0.758        0.887
```



IMPORT successfully completed.

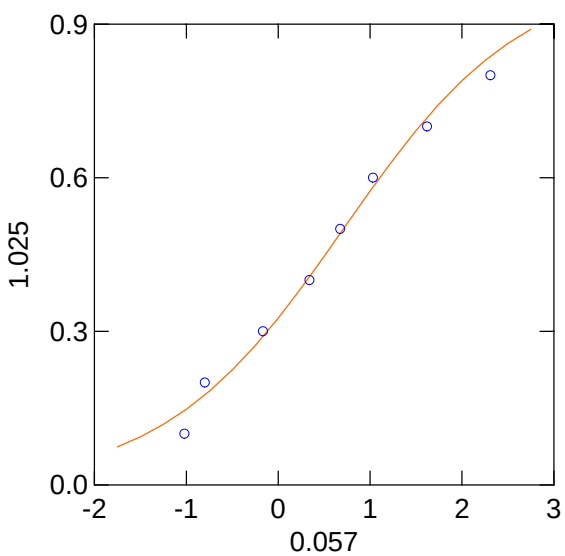
```
 Iteration
 No.      Loss      ALPHA       BETA
   0 .148185D-01-.101000D+01 .102000D+01
   1 .399785D-02-.125365D+01 .101053D+01
   2 .399416D-02-.124714D+01 .100486D+01
   3 .399414D-02-.124714D+01 .100461D+01
   4 .399414D-02-.124712D+01 .100458D+01
   5 .399414D-02-.124712D+01 .100458D+01

Dependent variable is P

    Source   Sum-of-Squares    df  Mean-Square
 Regression           1.196     2        0.598
   Residual           0.004     2        0.002

      Total           1.200     4
Mean corrected        0.200     3

       Raw  R-square (1-Residual/Total)        =        0.997
Mean corrected R-square (1-Residual/Corrected) =        0.980
          R(observed vs predicted) square      =        0.981

                                                     Wald Confidence Interval
Parameter          Estimate       A.S.E.    Param/ASE        Lower < 95%> Upper
 ALPHA               -1.247        0.188       -6.637       -2.056       -0.439
 BETA                 1.005        0.134        7.475        0.426        1.583
```



IMPORT successfully completed.

```
 Iteration
 No.      Loss      ALPHA       BETA
   0 .330319D-01-.101000D+01 .102000D+01
   1 .612217D-02-.707917D+00 .100296D+01
```

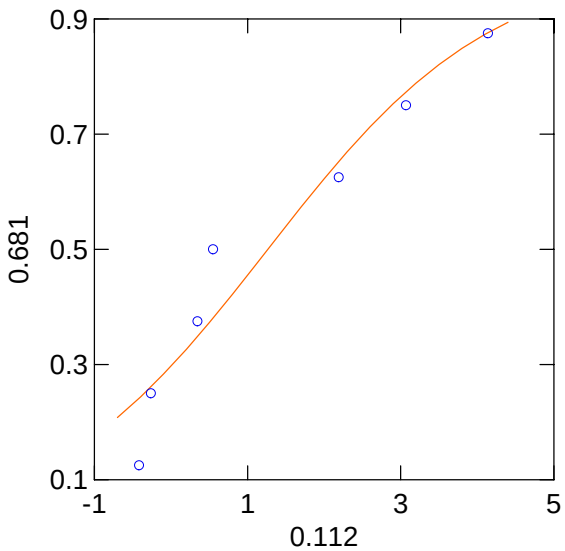
```
   2 .598159D-02-.727471D+00 .102526D+01
   3 .598155D-02-.727018D+00 .102499D+01
   4 .598155D-02-.727028D+00 .102500D+01
   5 .598155D-02-.727028D+00 .102500D+01

Dependent variable is P

    Source   Sum-of-Squares    df  Mean-Square
 Regression           2.844     2        1.422
   Residual           0.006     7        0.001

      Total           2.850     9
Mean corrected        0.600     8

       Raw  R-square (1-Residual/Total)        =        0.998
Mean corrected R-square (1-Residual/Corrected) =        0.990
          R(observed vs predicted) square      =        0.990

                                                     Wald Confidence Interval
Parameter          Estimate       A.S.E.    Param/ASE        Lower < 95%> Upper
 ALPHA               -0.727        0.064      -11.384       -0.878       -0.576
 BETA                 1.025        0.057       18.083        0.891        1.159


Of 9 cases, 1 were excluded by making graph range less than data range.
```



IMPORT successfully completed.

```
 Iteration
 No.       Loss       ALPHA        BETA
   0 .686687D-01-.101000D+01 .102000D+01
   1 .330943D-01-.808416D+00 .606126D+00
   2 .300030D-01-.864820D+00 .677905D+00
   3 .299867D-01-.860701D+00 .680458D+00
   4 .299866D-01-.860738D+00 .680701D+00
   5 .299866D-01-.860724D+00 .680705D+00
   6 .299866D-01-.860724D+00 .680706D+00
```

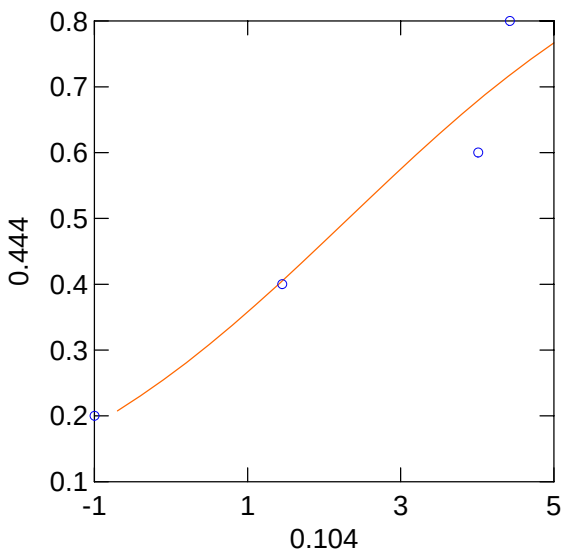
```
Dependent variable is P

    Source   Sum-of-Squares    df  Mean-Square
 Regression           2.158     2        1.079
   Residual           0.030     5        0.006

      Total           2.188     7
Mean corrected        0.437     6

       Raw  R-square (1-Residual/Total)        =        0.986
Mean corrected R-square (1-Residual/Corrected) =        0.931
          R(observed vs predicted) square      =        0.932

                                                   Wald Confidence Interval
Parameter          Estimate       A.S.E.    Param/ASE        Lower < 95%> Upper
 ALPHA               -0.861        0.188       -4.579       -1.344       -0.378
 BETA                 0.681        0.112        6.089        0.393        0.968
```



IMPORT successfully completed.

```
 Iteration
 No.      Loss      ALPHA       BETA
   0 .645336D+00 .420833D+01 .425000D+01
   1 .465023D+00 .701389D+00 .734963D+00
   2 .167757D+00-.500528D+00 .725629D-01
   3 .139309D-01-.930224D+00 .411331D+00
   4 .132336D-01-.102346D+01 .442468D+00
   5 .132320D-01-.102847D+01 .443591D+00
   6 .132320D-01-.102863D+01 .443630D+00
   7 .132320D-01-.102863D+01 .443631D+00

Dependent variable is P

    Source   Sum-of-Squares    df  Mean-Square
 Regression           1.187     2        0.593
```

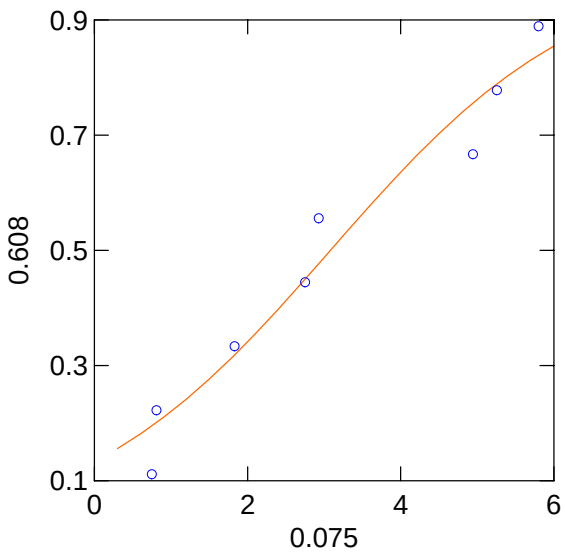
```
   Residual           0.013     2        0.007

      Total           1.200     4
Mean corrected        0.200     3

       Raw  R-square (1-Residual/Total)        =        0.989
Mean corrected R-square (1-Residual/Corrected) =        0.934
          R(observed vs predicted) square      =        0.934

                                                   Wald Confidence Interval
Parameter          Estimate       A.S.E.    Param/ASE        Lower < 95%> Upper
 ALPHA               -1.029        0.332       -3.098       -2.457        0.400
 BETA                 0.444        0.104        4.246       -0.006        0.893
```



IMPORT successfully completed.

```
 Iteration
 No.      Loss      ALPHA       BETA
   0 .112015D+01-.420833D+01 .425000D+01
   1 .175792D+00-.158968D+01 .780451D+00
   2 .347332D-01-.173366D+01 .523341D+00
   3 .245978D-01-.186737D+01 .602109D+00
   4 .245422D-01-.187293D+01 .607459D+00
   5 .245421D-01-.187283D+01 .607558D+00
   6 .245421D-01-.187284D+01 .607564D+00
   7 .245421D-01-.187284D+01 .607564D+00

Dependent variable is P

    Source   Sum-of-Squares    df  Mean-Square
 Regression           2.494     2        1.247
   Residual           0.025     6        0.004

      Total           2.519     8
Mean corrected        0.519     7
```

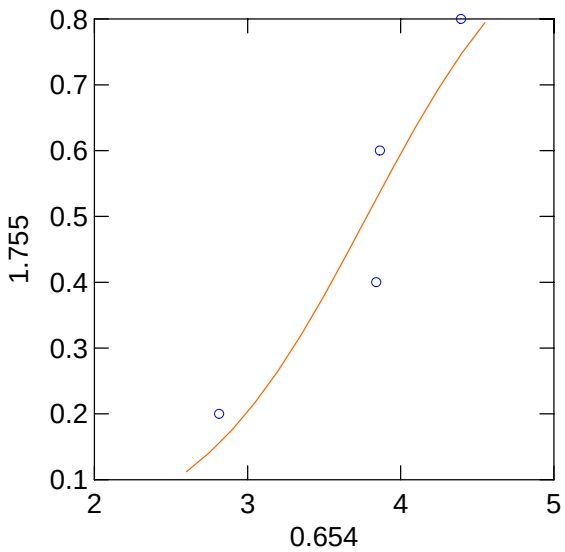
```
       Raw  R-square (1-Residual/Total)        =        0.990
Mean corrected R-square (1-Residual/Corrected) =        0.953
          R(observed vs predicted) square      =        0.953

                                                     Wald Confidence Interval
Parameter          Estimate       A.S.E.    Param/ASE        Lower < 95%> Upper
 ALPHA               -1.873        0.252       -7.443       -2.489       -1.257
 BETA                 0.608        0.075        8.111        0.424        0.791
```



IMPORT successfully completed.

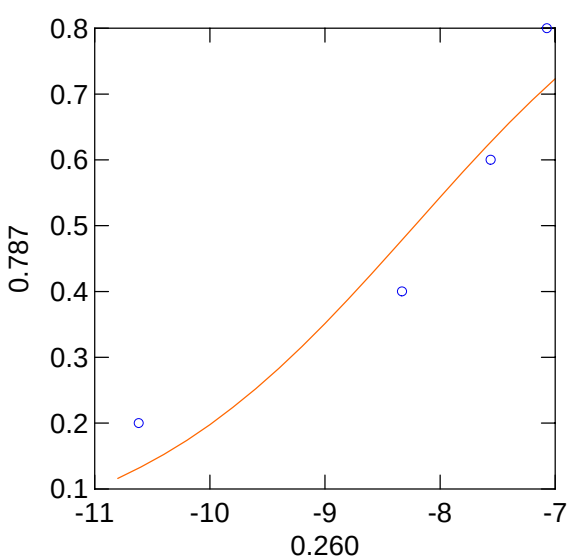
```
 Iteration
 No.       Loss       ALPHA        BETA
   0 .196190D+00-.101000D+00 .102000D+00
   1 .277850D-01-.548922D+01 .147278D+01
   2 .249513D-01-.640930D+01 .170035D+01
   3 .248535D-01-.659521D+01 .174578D+01
   4 .248508D-01-.662671D+01 .175346D+01
   5 .248507D-01-.663181D+01 .175470D+01
   6 .248507D-01-.663263D+01 .175490D+01
   7 .248507D-01-.663276D+01 .175494D+01

Dependent variable is P

    Source   Sum-of-Squares    df  Mean-Square
 Regression           1.175     2        0.588
   Residual           0.025     2        0.012

      Total           1.200     4
Mean corrected        0.200     3

       Raw  R-square (1-Residual/Total)        =        0.979
Mean corrected R-square (1-Residual/Corrected) =        0.876
          R(observed vs predicted) square      =        0.877

                                                     Wald Confidence Interval
```

```
Parameter          Estimate       A.S.E.     Param/ASE        Lower < 95%> Upper
 ALPHA               -6.633        2.538        -2.613       -17.553        4.288
 BETA                 1.755        0.654         2.685        -1.058        4.568
```



IMPORT successfully completed.

```
 Iteration
 No.       Loss       ALPHA        BETA
   0 .152778D+01 .168333D+02-.170000D+02
   1 .854552D+00-.416744D+03 .168300D+04
   2 .843607D+00-.417925D+03 .168300D+04
   3 .834147D+00-.418755D+03 .168300D+04
   4 .833340D+00-.418995D+03 .168300D+04
   5 .833333D+00-.418977D+03 .168300D+04
   6 .833333D+00-.418977D+03 .168300D+04
   7 .833333D+00-.418977D+03 .168300D+04

Dependent variable is P

    Source   Sum-of-Squares    df  Mean-Square
 Regression           0.694     1        0.694
   Residual           0.833     4        0.208

      Total           1.528     5
Mean corrected        0.278     4

       Raw  R-square (1-Residual/Total)        =        0.455
Mean corrected R-square (1-Residual/Corrected) =        0.000
          R(observed vs predicted) square      =        0.500
This problem did not converge.  Try:
- different starting values after inspecting scatter plots
- different estimation methods, Marquardting, adjust TOL, CONV, HALF, ...
- estimate the model in stages: hold some of the parameters fixed
```

IMPORT successfully completed.

```
 Iteration
 No.      Loss      ALPHA       BETA
   0 .152775D+00 .101000D+01 .102000D+00
   1 .240724D-01 .520523D+01 .619687D+00
   2 .197151D-01 .606836D+01 .733860D+00
   3 .193691D-01 .634765D+01 .770841D+00
   4 .193389D-01 .643418D+01 .782294D+00
   5 .193362D-01 .646065D+01 .785797D+00
   6 .193359D-01 .646872D+01 .786865D+00
   7 .193359D-01 .647118D+01 .787191D+00
   8 .193359D-01 .647193D+01 .787290D+00
   9 .193359D-01 .647216D+01 .787320D+00
  10 .193359D-01 .647223D+01 .787329D+00

Dependent variable is P

Zero weights, missing data or estimates reduced degrees of freedom
    Source   Sum-of-Squares    df  Mean-Square
 Regression           1.181     2        0.590
   Residual           0.019     2        0.010

      Total           1.200     4
Mean corrected        0.200     3

       Raw  R-square (1-Residual/Total)        =        0.984
Mean corrected R-square (1-Residual/Corrected) =        0.903
          R(observed vs predicted) square      =        0.908

                                                     Wald Confidence Interval
Parameter         Estimate       A.S.E.    Param/ASE        Lower < 95%> Upper
 ALPHA               6.472        2.084        3.106       -2.492       15.437
 BETA                0.787        0.260        3.024       -0.333        1.907
```