The data set (and description) can be downloaded here:
http://lib.stat.cmu.edu/datasets/socmob

Description:

```
17x17x2x2 tables of counts in GLIM-ready format used for the analyses
in Biblarz, Timothy J., and Adrian E. Raftery. 1993. "The Effects of
Family Disruption on Social Mobility." American Sociological Review
(In press). For further details of the data, see this reference.

 Column 1 is father's occupation, coded as follows:
   17. Professional, Self-Employed
   16. Professional-Salaried
   15. Manager
   14. Salesman-Nonretail
   13. Proprietor
   12. Clerk
   11. Salesman-Retail
   10. Craftsman-Manufacturing
    9. Craftsmen-Other
    8. Craftsman-Construction
    7. Service Worker
    6. Operative-Nonmanufacturing
    5. Operative-Manufacturing
    4. Laborer-Manufacturing
    3. Laborer-Nonmanufacturing
    2. Farmer/Farm Manager
    1. Farm Laborer
 Column 2 is son's occupation, coded in the same way as father's.
 Column 3 is family structure, coded 1=intact family background and
    2=nonintact family background.
 Column 4 is race, coded 1=white and 2=black.
 Column 5 is counts for son's first occupation.
 Column 6 is counts for son's current occupation.

The counts have been weighted to take account of the survey
design, which is why they are not integers.

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This file was constructed from publicly available data collected
by David Featherman and Robert Hauser in 1973: the "Occupational
Change in a Generation II" (OCG II) Survey. Permission is hereby given
 to
use the above data for non-commercial scholarly and teaching purposes.
If these data are used in a published article or book,
the authors, the original data (in the form given in
Biblarz and Raftery (1993), cited above), and StatLib should
all be acknowledged.
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Descriptive statistics:

```
Dataset= socmob_IvsNI : n= 1156 , d= 5

Class1: n= 578

Covariance matrix:
         [,1]     [,2]     [,3]      [,4]      [,5]
[1,]  24.0416   0.0000   0.0000  -40.8066  -39.4499
[2,]   0.0000  24.0416   0.0000  -17.1880   29.8759
[3,]   0.0000   0.0000   0.2504  -12.4706  -13.5733
[4,] -40.8066 -17.1880 -12.4706 3561.4839 2466.9477
[5,] -39.4499  29.8759 -13.5733 2466.9477 2948.6216

Correlation matrix:
        [,1]    [,2]    [,3]    [,4]    [,5]
[1,]  1.0000  0.0000  0.0000 -0.1395 -0.1482
[2,]  0.0000  1.0000  0.0000 -0.0587  0.1122
[3,]  0.0000  0.0000  1.0000 -0.4176 -0.4995
[4,] -0.1395 -0.0587 -0.4176  1.0000  0.7613
[5,] -0.1482  0.1122 -0.4995  0.7613  1.0000

Median:          9.0697 8.752  1.6736  8.8159  10.2741
Mean:            9      9      1.5    29.169   31.5498
MCD-estimated:
MDC-0.975-Mean:  9.7929 8.8382 1.8608  2.965    3.3408
MDC-0.750-Mean:  9.7774 8.8645 1.8581  2.981    3.3716
MDC-0.500-Mean:  9.7532 8.7955 1.8734  3.013    3.4078

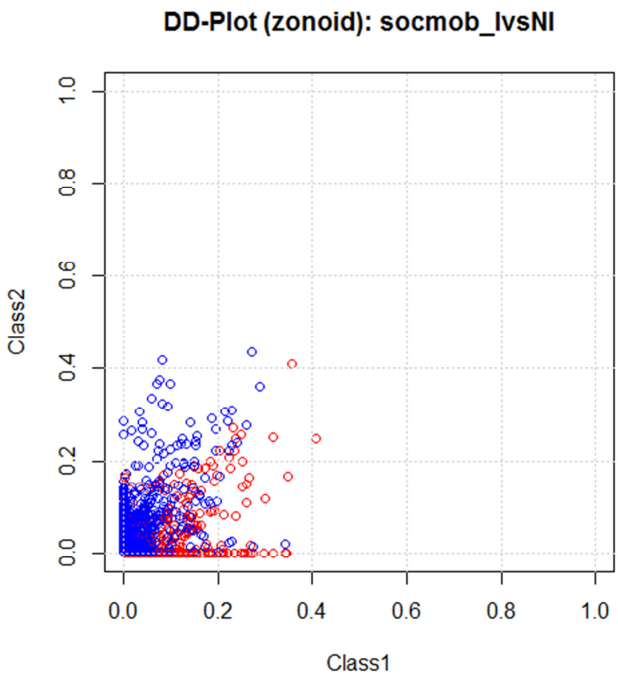
Class2: n= 578

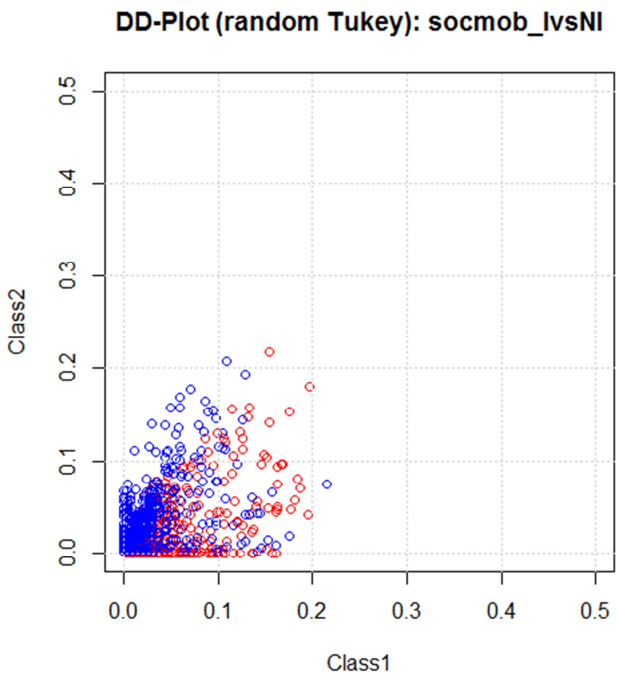
Covariance matrix:
        [,1]    [,2]    [,3]    [,4]    [,5]
[1,] 24.0416  0.0000  0.0000 -9.0388 -8.7823
[2,]  0.0000 24.0416  0.0000 -6.6237  1.5109
[3,]  0.0000  0.0000  0.2504 -1.3932 -1.4858
[4,] -9.0388 -6.6237 -1.3932 77.6580 50.2894
[5,] -8.7823  1.5109 -1.4858 50.2894 60.5211

Correlation matrix:
        [,1]    [,2]    [,3]    [,4]    [,5]
[1,]  1.0000  0.0000  0.0000 -0.2092 -0.2302
[2,]  0.0000  1.0000  0.0000 -0.1533  0.0396
[3,]  0.0000  0.0000  1.0000 -0.3159 -0.3816
[4,] -0.2092 -0.1533 -0.3159  1.0000  0.7336
[5,] -0.2302  0.0396 -0.3816  0.7336  1.0000

Median:           9.3749 9.0705 1.5603 2.6549 2.9378
Mean:             9      9      1.5    4.7125 4.8758
MCD-estimated:
MDC-0.975-Mean:  10.2538 9.1865 1.7187 0.6275 0.7015
MDC-0.750-Mean:  10.2378 9.1646 1.7165 0.6357 0.7024
MDC-0.500-Mean:  10.2538 9.1865 1.7187 0.6275 0.7015

Measures:
Mah.Dist:                        0.7611
Mah.Dist-MCD-0.975:              0.8529
Mah.Dist-MCD-0.750:              0.8316
Mah.Dist-MCD-0.500:              0.8234
```


DD-Plot (zonoid): socmob_IvsNI
Class2
Class1
0.0
0.2
0.4
0.6
0.8
1.0


DD-Plot (random Tukey): socmob_IvsNI
Class2
Class1
0.0
0.1
0.2
0.3
0.4
0.5