Appendix to Quinlan SFI Memo: Intergenerational transmission of reproductive success (RS) for the sample described in the previous memo.

	Mid_p_RS	RS	Sex	age
N	176	256	256	256
Mean	7.4743	7.6108	.5039	52.0938
Median	7.5000	8.0000	1.0000	49.5000
Std. Deviation	2.65576	2.66307	.50096	16.90176
Variance	7.053	7.092	.251	285.670
Minimum	1.00	1.00	.00	28.00
Maximum	12.00	12.00	1.00	96.00

Log RS = ln(RS+.01)
Mid_P_RS= (moms RS+dads RS)/2

```
Linear regression men & women                         Number of obs =     172
                                                      F(  5,    72) =   22.53
                                                      Prob > F      =  0.0000
                                                      R-squared     =  0.3445
Number of clusters (mothers ID) = 73                  Root MSE      =  2.3915

------------------------------------------------------------------------------
             |               Robust
       LogRS |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 Log_mid_P_RS|   .8397324   .5402861     1.55   0.125    -.2373082    1.916773
Mid_P_RSXage |  -.0013364   .0029881    -0.45   0.656    -.0072931    .0046204
         SEX |  -1.079691   .3639803    -2.97   0.004    -1.805273   -.3541094
         Age |   .3627403    .055473     6.54   0.000     .2521569    .4733236
        Age^2|  -.0023548   .0005001    -4.71   0.000    -.0033517   -.0013579
       _cons |  -13.10783   2.099647    -6.24   0.000     -17.2934   -8.922263
------------------------------------------------------------------------------


Linear regression  Women                           Number of obs =      80
                                                   F(  4,    46) =    6.40
                                                   Prob > F      =  0.0003
                                                   R-squared     =  0.2735
Number of clusters (mothers ID) = 47               Root MSE      =    2.26

------------------------------------------------------------------------------
             |               Robust
        v387 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Log_mid_P_RS |   .8725303   1.164249     0.75   0.457    -1.470982    3.216043
Mid_P_RSXage |  -.0021699   .0054215    -0.40   0.691    -.0130828    .0087431
         Age |   .4103647   .1130282     3.63   0.001     .1828507    .6378787
        Age^2|  -.0027701    .000848    -3.27   0.002    -.0044771   -.0010631
       _cons |  -14.21278   4.859698    -2.92   0.005    -23.99484    -4.43071
------------------------------------------------------------------------------
```

```
Linear regression men                                 Number of obs =      92
                                                      F(  4,    53) =   15.90
                                                      Prob > F      =  0.0000
                                                      R-squared     =  0.3552
Number of clusters (mothers ID) = 54                  Root MSE      =  2.5135

------------------------------------------------------------------------------
             |               Robust
        v387 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Log_mid_P_RS |   .7705304   .6275159     1.23   0.225    -.4881072    2.029168
Mid_P_RSXage |   .0001146   .0040363     0.03   0.977    -.0079813    .0082105
         Age |   .2929704   .0717545     4.08   0.000     .1490492    .4368916
        Age^2|  -.0017687   .0007215    -2.45   0.018    -.0032158   -.0003215
       _cons |  -12.47459   2.237958    -5.57   0.000    -16.96337   -7.985815
------------------------------------------------------------------------------
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RS from age 28 and older

Models for completed RS (age>49)

```
Linear regression men & women                         Number of obs =      55
                                                      F(  2,    31) =    1.66
                                                      Prob > F      =  0.2067
                                                      R-squared     =  0.0432
Number of clusters (v371) = 32                        Root MSE      =  2.1906

------------------------------------------------------------------------------
             |               Robust
        v387 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Log_mid_P_RS |   .3139978   .5525643     0.57   0.574    -.8129644     1.44096
         sex |   -.857868   .5506123    -1.56   0.129    -1.980849    .2651133
       _cons |   .8590945   1.130945     0.76   0.453    -1.447484    3.165673
------------------------------------------------------------------------------


Linear regression  women only                         Number of obs =      21
                                                      F(  1,    17) =    2.46
                                                      Prob > F      =  0.1351
                                                      R-squared     =  0.0840
Number of clusters (v371) = 18                        Root MSE      =  1.4447

------------------------------------------------------------------------------
             |               Robust
        v387 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Log_mid_P_RS |   .8795211    .560603     1.57   0.135    -.3032479     2.06229
       _cons |   -.184923   1.314446    -0.14   0.890    -2.958162    2.588316
------------------------------------------------------------------------------
```

```
Linear regression men only                              Number of obs =      34
                                                        F(  1,    21) =    0.01
                                                        Prob > F      =  0.9207
                                                        R-squared     =  0.0003
Number of clusters (v371) = 22                          Root MSE      =   2.548

------------------------------------------------------------------------------
             |               Robust
        v387 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Log_mid_P_RS |   .0761036   .7557348     0.10   0.921    -1.495533     1.64774
       _cons |   .4355603   1.391953     0.31   0.757    -2.459165    3.330286
------------------------------------------------------------------------------

. regress v387 v384  if v14!=1& v295>49 & v28!=1, robust cluster(v371)


Linear regression men only                              Number of obs =      34
                                                        F(  3,    21) =   13.36
                                                        Prob > F      =  0.0000
                                                        R-squared     =  0.1769
Number of clusters (v371) = 22                          Root MSE      =  2.3879

------------------------------------------------------------------------------
             |               Robust
        v387 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Log_mid_P_RS |   .5471147   .6914467     0.79   0.438    -.8908275    1.985057
    halfsibs |   .4476346   .6248602     0.72   0.482    -.8518334    1.747103
prsxhalfsibs |  -.0906724     .06705    -1.35   0.191    -.2301104    .0487656
       _cons |  -.1407725   1.370239    -0.10   0.919     -2.99034    2.708795
------------------------------------------------------------------------------
prsxhalfsibs = mid_P_RS*halfsibs


Linear regression  men only                             Number of obs =      33
                                                        F(  4,    20) =   13.92
                                                        Prob > F      =  0.0000
                                                        R-squared     =  0.2371
Number of clusters (v371) = 21                          Root MSE      =  2.2157

------------------------------------------------------------------------------
             |               Robust
        v387 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Log_mid_P_RS |   .7399206   .6562327     1.13   0.273    -.6289568    2.108798
    halfsibs |   .4437889   .5937053     0.75   0.463    -.7946587    1.682236
prsxhalfsibs |  -.0919735   .0624797    -1.47   0.157    -.2223038    .0383569
   alcoholic |  -.7246552   .8250372    -0.88   0.390    -2.445653    .9963422
       _cons |   .0854128   1.409701     0.06   0.952    -2.855172    3.025997
------------------------------------------------------------------------------
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