```
PR1 Num Siblings
                    PR1 Planned Pregnancy -
  PR2 Monolingual-English Home -- 10 .04
                   PR2 Two Carers at Home - .00 22-.04
                                   PR1 Preterm Birth --.00.02 .01 .02
                          PR1 Low Birth Weight - .03 .03 .07 .03 .52
        PR1 Parent Literacy Problems -.08.06.09.06.01.01
             PR2 Recreational Drug Use - .02 .05 -.04.11 -.01 .01 -.01
                                 PR1 Breastfeeding --.10.14 .02 .02 .02 .05 .02
  PR1 Smoked During Pregnancy --08.19 -14.19 .04 .06 .05 .16 .22

PR1 Current Smoking --05.19 -18.21 .03 .06 .04 .20 .20 .73

PR2 Harsh Parenting -07 -01 -07 -01 -01 -02 .00 .04 .01 .05 .05

PR1 Parent Mental Health --06.13 .04 .12 .01 .05 .06 .07 .03 .12 .12 .13

PR2 Parent Mental Health --05.11 .04 .14 .02 .03 .08 .12 .01 .11 .13 .21 .43
          PR1 Parent Locus Of Control --.12.20 .11 .17 .01 .04 .08 .06 .09 .17 .16 .07 .40 .32
   PR1 Parent Relationship Quality --.09.13 .02 .17 .01 .02 .07 .08 .05 .12 .13 .16 .39 .30 .37
                     PR1 Parent Self Esteem --.03.09-.05.06 .00 .00 .04 .10 .03 .09 .10 .13 .47 .40 .39 .40
                                      S12 Air Pollution --.06.04 .30 .02 .02 .07 .01 .03 -.02-.03-.04-.01 .06 .05 .08 .06 -.02
                                   PR1 SES-Income --23.31 .18 .32 .03 .07 .13 .08 .23 .27 .25 .01 .18 .18 .31 .18 .12 .09
                            PR1 SES-Education -19.25 .09 .22 .03 .06 .16 .03 .27 .28 .27 .03 .13 .11 .27 .15 .09 .10 .56
                       PR1 SES-Employment -15.26.10.24.03.06.13.05.26.30.28.03.15.15.26.16.10.06.61.64
                             PR1 Housing Quality --09.16 .08 .18 .02 .03 .10 .11 .06 .18 .19 .05 .21 .21 .26 .24 .18 .11 .33 .21 .26
            PR1 Neighbourhood Quality --.05.14 .08 .14 .01 .03 .06 .10 .06 .16 .16 .06 .17 .15 .19 .16 .15 .26 .27 .21 .23 .37
          S1 Index Multiple Deprivation - .08 21 .25 .19 .00 .04 .10 .10 .15 .18 .17 -.00 .15 .14 .23 .13 .05 .32 .49 .40 .43 .30 .45
PR2 Home Learning Environment -16.05.08.04-.01-.01.07.01.06.02-.00.05.06.06.09.08.05.05.12.12.09.08.03.04
                            OR2 Housing Quality - 15.14 .14 .13 .01 .02 .07 .05 .10 .13 .12 .01 .09 .11 .14 .09 .03 .11 .29 .23 .25 .18 .14 .21 .09
                   OR2 Parent Responsivity --08.10 .12 .10 .01 .04 .06-.01 .08 .12 .11 .03 .06 .10 .12 .08 .03 .08 .21 .18 .18 .10 .08 .16 .06 .32
              PR1 Parent General Health - .11.14 .06 .10 .07 .06 .07 .04 .07 .15 .16 .05 .36 .26 .25 .23 .26 .08 .23 .19 .22 .21 .18 .18 .04 .11 .04
     PR1 Feelings About Pregnancy --18.54-01 22 .03 .02 .04 .06 .14 .19 .19 .04 .18 .13 .23 .21 .15 .03 .24 .18 .19 .17 .12 .16 .05 .12 .09 .15
                              PR1 Current Alcohol - 12-.15-.37-.09-.05-.08-.09-.05-.08-.06-.01-.05-.07-.07-.17-.07-.00-.19-.37-.31-.32-.15-.15-.32-.06-.19-.14-.16-.07
     PR1 Alcohol During Pregnancy - .01 -.05-.17-.01-.03-.03.00 .08 -.06.01 .02 .06 -.02-.01-.09.00 .01 -.07-.20-.17-.17-.03-.05-.16-.01-.09-.06-.07.00 .47
                                                                               TR5 SDQ Emotional Problems --02.07 - 08.09 .04 .04 .03 .02 .06 .09 .10 .01 .11 .07 .08 .07 .08 .01 .13 .13 .08 .05 .07 .01 .06 .04 .12 .06 - .05 - 03 NA
          TR5 SDQ Conduct Problems --06.10-01.12 .01 .01 .03 .04 .07 .14 .14 .09 .06 .07 .10 .08 .06 .02 .16 .15 .15 .09 .08 .13 .05 .10 .08 .07 .08 -.05 -.00 NA 21
                        TR5 SDQ Hyperactivity - .08.10 -.01.09 .04 .05 .04 .05 .04 .06 .07 .14 .13 .10 .07 .07 .10 .09 .06 .01 .16 .18 .17 .10 .06 .10 .08 .12 .09 .09 .09 -.06 -.02 NA .26 .57
                   TR5 SDQ Peer Problems - .01 .06 -.01 .05 .04 .05 .04 .05 .04 .03 .04 .07 .07 .04 .05 .08 .07 .05 .04 -.00 .11 .09 .09 .06 .06 .08 .00 .10 .06 .08 .04 -.07 -.02 NA 41 .37 .33
                                TR5 SDQ Prosocial -.03.06.02.07.01.02.02.04.02.08.07.07.04.06.05.07.04.03.12.10.10.06.06.08.05.09.05.04.04.04-04-01NA.17.55.55.39
                            TR5 Academic Ability -_.15.17 .02 .10 .06 .09 .06 .03 .16 .18 .16 .04 .09 .07 .15 .11 .07 .01 .30 .36 .33 .14 .11 .18 .13 .18 .13 .14 .13 .14 .08 NA .30 .24 .48 .20 .22
      PR6 SDQ Emotional Problems -05.08 .03 .11 .03 .06 .06 .02 .07 .10 .10 .07 .21 .17 .18 .16 .15 .04 .18 .17 .17 .14 .12 .13 .04 .08 .07 .18 .08 .11 .05 NA .24 .07 .08 .14 .04 .20
                   PR6 SDQ Peer Problems -.04.13 .06 .13 .03 .06 .07 .03 .07 .11 .10 .06 .17 .16 .18 .13 .11 .05 .22 .20 .20 .16 .13 .18 .02 .12 .08 .17 .10 -.14 .06 NA .23 .19 .19 .31 .16 .20 .45
                                PR6 SDQ Prosocial - .03 .05 -.03 .06 -.03 .00 -.03 .02 .02 .08 .08 .13 .08 .08 .09 .14 .09 .02 .09 .07 .08 .11 .07 .07 .07 .05 .06 .06 .05 -.02 .02 NA .08 .20 .17 .12 .21 .08 .20 .27
          PR6 SDQ Conduct Problems -0.4.14 .03 .12 .01 .02 .05 .04 .10 .16 .15 .14 .15 .15 .17 .17 .12 .06 .21 .21 .16 .15 .16 .06 .13 .09 .14 .11 -.10 -.02 NA .13 .28 .27 .18 .19 .22 .34 .31 .46 PR6 SDQ Hyperactivity -0.5.11 .01 .10 .04 .07 .06 .03 .08 .16 .16 .14 .16 .16 .17 .16 .13 .05 .20 .21 .21 .15 .13 .15 .08 .12 .10 .15 .10 -.09 -.04 NA .17 .32 .44 .22 .26 .34 .34 .32 .38 .53 CR6 Depression -0.1 .03 -.05 .04 .00 .00 -0.1 .04 .05 -.02 -.02 -.01 .03 .00 .07 .07 .01 .08 .06 .08 .08 .10 .00 .03 .01 .05 .07 .04 .02 .00 .02 .01 .08 .04 .01 .01 .NA .10 .03 -.01 .07 .00 -.02 .21 .15 .13 .15 .00 .12 .01 .08 .04 .01 .01 .NA .10 .03 -.01 .07 .00 -.02 .22 .15 .09 .14 .11
                                     CR6 Self Esteem +-03.03-06.06-00.00.00.00.03.05.08.09-00.06.05.06.08.08-04.07.03.08.07.03.02.01.01.02.07.05.02.01 NA.10-01-05.02-05.05.23.12.06.13.08.59.52
                                          CR6 Wellbeing -05.05-05.07.01.01.01.04.01.08.09.04.10.08.09.04.10.08.09.10.09.03.09.03.08.10.07.06.02.04.03.10.06.01.01 NA .12.07.04.08.04.06.22.18.14.20.16.57.55.61
              CR6 Anti-Social Behaviour - .05.04 -.05.09 -.00.00 -.00.06 .06 .16 .16 .07 .07 .06 .06 .08 .06 .03 .08 .07 .07 .09 .07 .05 .05 .05 .05 .05 .05 .01 .02 NA .01 .20 .19 .04 .17 .05 .04 .06 .19 .23 .23 .19 .24 .12 .26
                              CR6 Bullying Others - 06-02-03.01-02-01-02.04-01.03.03.07.00.01.03.05.03.01-05-04-03.05.03-02-00-01.00.00.01.03.03.NA-00.10.08.04.07-04.05.05.15.19.13.24.27.18.29.39
                                      CR6 Alcohol Use -.01.01 -28.03 -.04.07-03.06.04 .13 .16.07 -.01-02-03.02 .02 -.14-.04-.01-.00.00 -.04-.09-.02-.06-.05-.01.03 .22 .13 NA -.04.05.06-.06.00 -.03-.04-.07.06.07 .09 .16.17 .15 .17 .32 .16
                                         CR6 Self Harm - 00 .02 - 05 .05 .00 .02 .01 .02 .01 .02 .01 .06 .07 .00 .05 .04 .05 .04 .06 -01 .04 .02 .03 .05 .02 .02 -01 .00 - 01 .06 .02 .03 .02 NA .09 .05 -01 .06 -.01 -.01 .18 .11 .05 .11 .06 .48 .39 .36 .33 .22 .17 .16
                           CR6 E-Cigarette Use - .06.05 -.07.07 .01 -.01 .01 .06 .07 .14 .15 .08 .05 .05 .07 .04 .05 -.00 .09 .12 .10 .06 .06 .04 .02 .04 .02 .08 .04 .02 .NA -.00 .13 .12 -.00 .10 .09 .03 .01 .10 .18 .16 .12 .13 .09 .16 .38 .16 .30 .16
                                 CR6 Cigarette Use -06.09-07.09 .00-00.03 .07 .07 .18 20 .07 .06 .06 .09 .07 .06 .06 .09 .07 .06 .06 .09 .07 .06 .06 .09 .07 .06 .06 .09 .07 .06 .08 .03 .05 .04 .05 .08 .02 .03 NA .05 .15 .15 .02 .08 .12 .07 .03 .12 23 .18 .17 .16 .15 .21 .39 .17 .30 20 .50
                                CR6 Cannabis Use -05.03-05.04-01-02.01 .06 .03 .11 .11 .04 .03 .04 .03 .04 .03 .04 .03 .02 .05 .04 .04 .07 .04 .04 .00 .02 .01 .00 .05 .03 .03 NA .04 .14 .10 .03 .09 .04 .05 .03 .06 .15 .12 .11 .11 .07 .12 .34 .15 .21 .14 .38 .44
                           CC5 CGT Risk Taking -02.02 .09 .01 .01 .01 .00 .00 -01.01 .00 .00 -01.01 .00 .06 .02 .03 .04 .02 .01 .06 .06 .06 .06 .04 .02 .03 .06 .04 .05 .06 .01 .03 -05 -01 NA - .00 .13 .18 .04 .14 .11 - .01 .03 .09 .08 .15 - 13 - .08 - .11 - .07 .08 .04 - .03 - .09 .03 -01 .03
                           CC6 CGT Risk Taking -03.02 07.05 .01 .01 .02 .00 -00.03 .01 .01 .02 .00 -00.03 .01 .01 .02 .00 -00.03 .01 .01 .02 .00 .03 .02 -01 .03 .05 .04 .04 .01 .02 .04 .03 .03 .04 -00 .03 -04 -00 NA -.02 .12 .18 -01 .13 .07 -.03 -00 .05 .07 .12 -10 -.06 -.09 -02 .11 .04 .02 -.05 .08 .05 .05 .34
          CC5 Spatial WM Total Errors -0.7.08.07.06.03.07.05-00.09.11.09.02.06.04.09.04.03.05.19.21.19.09.08.14.06.10.09.07.08-12-07NA.11.15.24.10.11.40.11.13.03.14.17-03-03-02.01.03-04-03-03.06.06.03.11.06
                 CC5 Spatial WM Strategy -06.07 .07 .03 .03 .06 .05 -02 .06 .08 .07 .02 .05 .02 .06 .08 .07 .02 .05 .02 .06 .08 .07 .05 .12 .08 .04 .06 .03 .03 .06 .15 .16 .13 .09 .08 .12 .16 .10 .08 .13 .12 .10 .10 .08 .13 .13 .22 .10 .11 .40 .11 .13 .23 .14 .17 -03 -03 -02 .01 .03 -04 -03 -03 .00 .05 -02 .06 .08 .07 .02 .05 .02 .06 .08 .07 .02 .05 .02 .07 .03 .03 .06 .15 .16 .13 .09 .08 .12 .05 .08 .08 .04 .06 -09 -04 NA .09 .10 .17 .06 .07 .31 .10 .01 .11 .13 -01 -03 -00 .01 .01 -06 -02 -02 .04 .05 .04 .06 .02 .71 .03 -04 .07 .05 .03 .20 .16 .07 .07 .03 .03 .06 .05 -02 .06 .08 .07 .02 .05 .06 .01 .07 .03 .20 .16 .07 .03 .03 .06 .05 -02 .06 .08 .07 .02 .05 .08 .02 .03 .10 -01 .12 .10 .09 .00 .06 .06 .13 .07 .05 .03 .26 .30 .26 .11 .08 .16 .13 .12 .10 .10 .08 -13 -08 NA .15 .13 .20 .08 .12 .42 .16 .12 .06 .16 .19 .00 .01 .04 .02 .00 -03 -05 .00 .05 .06 .01 .07 .03 .20 .16 .07 .03 .20 .16 .07 .03 .03 .06 .05 -02 .06 .08 .07 .02 .05 .06 .01 .07 .03 .20 .16 .03 .10 .08 .12 .16 .10 NA .15 .15 .27 .06 .11 .51 .13 .08 .05 .19 .25 -02 -04 .03 .03 .06 -01 -00 -00 .11 .11 .04 .12 .10 .27 .21
                                                                                                                                                                                                                                                         TR5 SDQ Emotional Problems - 5F
TR5 SDQ Conduct Problems - 5F
TR5 SDQ Hyperactivity - 27F
TR5 SDQ Peer Problems - 5F
TR5 SDQ Prosocial - 17F
                                                                                                                              1 Smoked During Pregnancy - PR1 Current Smoking - PR2 Harsh Parenting - PR2 Parent Mental Health - PR2 Parent Mental Health - PR1 Parent Locus Of Control - 1 Parent Relationship Quality - S12 Air Pollution - S12 Air Pollution - PR1 SES-Income -
                                                                                                                                                                                                                                                                                       6 SDQ Emolicity
PR6 SDQ Peer Problems
PR6 SDQ Prosocial | SDQ 
                                                                                          PR2 Monolingual-English Home
                                                                                                                                                                                                                                    PR1 Feelings About Pregnancy
PR1 Current Alcohol
                                                                                                                                                                                                           S1 Index Multiple Deprivation
                                                                                                               81 Parent Literacy
PR2 Recreational
                                                                                                                                                                                                                                              PR1 Alcohol During
                                                                                                                                                                                                                                                                                                                                           CR6,
                                                                                                                                                                                                                                                                                                           PR6 9
                                                                                                                                                                                                                                                                                           PR6
                                                                                                                                                                                                                PR<sub>2</sub>
```