Mplus VERSION 8.4 (Mac)
MUTHEN & MUTHEN
01/23/2021 12:35 PM

INPUT INSTRUCTIONS

  TITLE: Structual Models – PAF Int Ext w CBCL Controls
  DATA: FILE = "All_Variables_012021.dat";
  VARIABLE:
    NAMES = ff_id ThreatComp DepComp k6d2ag k6d2ai k6d2d k6d2j k6d2t
k6d2ac k6d2ak k6d2c
        k6d2n k6d2x p6b36 p6b40 p6b52 p6b53 p6b54 p6b68 p6b65 p6b66
k6d2ag_r k6d2ai_r
        k6d2d_r k6d2j_r k6d2t_r k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r
k6d2x_r k6d61a k6d61b
        k6d61c k6d61d k6d61e k6d61f k6d61g k6d61h k6d61i k6d61j
k6d61k k6d61l k6d61m
        k6d2a k6d2p k6d2r k6d2z k6d2ab k6d2aj k6d40 k6d48 k6f63 k6f68
k6f74 p6b35 p6b37
        p6b38 p6b39 p6b41 p6b42 p6b43 p6b44 p6b45 p6b57 p6b59 p6b49
p6b50 p6b51 p6b60
        p6b61 p6b62 p6b63 p6b64 p6b67 k6d2a_r k6d2p_r k6d2r_r k6d2z_r
k6d2ab_r k6d2aj_r
        k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r k6d2b k6d2e k6d2f
k6d2g k6d2h k6d2i
        k6d2k k6d2l k6d2m k6d2o k6d2s k6d2u k6d2v k6d2w k6d2y k6d2aa
k6d2ad k6d2ae
        k6d2af k6d2ah k6d2b_r k6d2e_r k6d2f_r k6d2g_r k6d2h_r k6d2i_r
k6d2k_r k6d2l_r
        k6d2m_r k6d2o_r k6d2s_r k6d2u_r k6d2v_r k6d2w_r k6d2y_r
k6d2aa_r k6d2ad_r
        k6d2ae_r k6d2af_r k6d2ah_r k5e1a k5e1b k5e1c k5e1d k6b1a
k6b1b k6b1c k6b1d
        k6b1a_r k6b1b_r k6b1c_r k6b1d_r p5q3m p5q3ab p5q3ac p5q3ad
p5q3ae p5q3af p5q3ah
        p5q3ar p5q3av p5q3ax p5q3bq p5q3ck p5q3db p5q3e p5q3ao p5q3bk
p5q3bo p5q3bu
        p5q3cu p5q3cv p5q3da p5q3as p5q3au p5q3aw p5q3az p5q3bb1
p5q3bb2 p5q3bb3
        p5q3bb4 p5q3bb5 p5q3bb6 p5q3bb7 p5q3b p5q3x p5q3aa p5q3al
p5q3ap p5q3bi p5q3bm
        p5q3br p5q3bs p5q3bz p5q3ca p5q3cj p5q3cp p5q3cr p5q3ct
p5q3cx p5q3cy p5q3c
        p5q3o p5q3r p5q3s p5q3t p5q3u p5q3v p5q3aj p5q3bc p5q3bn
p5q3cf p5q3cg p5q3ch
        p5q3ci p5q3cn p5q3co p5q3cq p5q3cw povco_avg Race_AA Race_C
Race_L ck6ethrace
        cm1bsex m1city;

  ! A measurement model with the age 9 CBCL data brought into light

```
items with very low fre
    ! which resulted in zeros in categorical cells with combined data.
Those items with less
    ! cases in a certain category have been excluded — interestingly,
it only resulted in los
    ! psychopathology items.

  USEVARIABLES =
  ThreatComp DepComp
  ! SC15
  k6b1a_r k6b1b_r k6b1c_r k6b1d_r
  ! SC9
  k5e1a k5e1b k5e1c k5e1d
  ! Anxiety
  k6d2ag_r k6d2ai_r k6d2d_r k6d2j_r k6d2t_r
  ! Depression
  k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r k6d2x_r
  ! Internalizing CBCL
  !p6b36 p6b40 p6b52 p6b53 p6b54 p6b68 p6b65 p6b66
  ! Impulsivity (Reverse Coded)
  k6d2a_r k6d2p_r k6d2r_r k6d2z_r k6d2ab_r k6d2aj_r
  ! Deliquency
   k6d61c k6d61d k6d61e k6d61k k6d61l k6d61m
  ! Delinquency items removed due to low freq: k6d61h k6d61f k6d61g
k6d61a k6d61b k6d61i k6d
  ! Substance Use (Dichotomous)
  k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r
  ! Externalizing CBCl
  !p6b35 p6b37 p6b38 p6b39 p6b41 p6b42 p6b43 p6b44 p6b45 p6b57 p6b59
p6b49 p6b50
  !p6b51 p6b60 p6b61 p6b62 p6b63 p6b64 p6b67
  ! PAF
  k6d2b_r k6d2f_r k6d2g_r
  k6d2i_r k6d2k_r k6d2l_r k6d2m_r k6d2o_r
  k6d2s_r k6d2v_r k6d2w_r k6d2y_r
  k6d2aa_r k6d2ae_r k6d2af_r k6d2ah_r


  ! Age 9 IntCBCL
  p5q3m p5q3ab p5q3ad p5q3af p5q3ah p5q3ar p5q3av p5q3ax p5q3bq
  p5q3ck p5q3db p5q3e p5q3ao p5q3bk p5q3bo p5q3cu p5q3da p5q3as
  p5q3au p5q3az p5q3bb1 p5q3bb2 p5q3bb5 p5q3bb6 p5q3bb7
  ! IntCBCL items removed due to low freq: p5q3aw p5q3ac p5q3cv
p5q3bb3
  ! IntCBCL items removed due to low loading: p5q3ae p5q3bu p5q3bb4

  ! Age 9 ExtCBCL
  p5q3x p5q3aa p5q3al p5q3ap p5q3bi p5q3bz p5q3cj
  p5q3c p5q3o p5q3r p5q3s p5q3t p5q3u p5q3v p5q3aj p5q3bc
  p5q3bn p5q3cf p5q3cg p5q3ch p5q3ci p5q3cn p5q3co p5q3cq p5q3cw
```

```
  ! ExtCBCL items removed due to low freq: p5q3cx p5q3cr p5q3b p5q3bm
p5q3br p5q3bs
  ! p5q3cp p5q3ct p5q3cy  p5q3ca


  ! Covariates
  povco_avg Race_AA Race_C Race_L cm1bsex

  ;
  ! 9.24.2019 - I am removing te 4 items on the PAF engagement
subscale because
  ! they all have standard factor loadings below 0.3 and qualitatively
seem
  ! to be measuring something different. Those items are: k6d2e,
k6d2h, k6d2u, k6d2ad.

  CATEGORICAL =
  ! SC15
  k6b1a_r k6b1b_r k6b1c_r k6b1d_r
  ! SC9
  k5e1a k5e1b k5e1c k5e1d
  ! Anxiety
  k6d2ag_r k6d2ai_r k6d2d_r k6d2j_r k6d2t_r
  ! Depression
  k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r k6d2x_r

  ! Impulsivity (Reverse Coded)
  k6d2a_r k6d2p_r k6d2r_r k6d2z_r k6d2ab_r k6d2aj_r
  ! Deliquency
   k6d61c k6d61d k6d61e k6d61k k6d61l k6d61m
  ! Substance Use (Dichotomous)
  k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r

  ! PAF
  k6d2b_r k6d2f_r k6d2g_r
  k6d2i_r k6d2k_r k6d2l_r k6d2m_r k6d2o_r
  k6d2s_r k6d2v_r k6d2w_r k6d2y_r
  k6d2aa_r k6d2ae_r k6d2af_r k6d2ah_r

  ! Age 9 IntCBCL
  p5q3m p5q3ab p5q3ad p5q3af p5q3ah p5q3ar p5q3av p5q3ax p5q3bq
  p5q3ck p5q3db p5q3e p5q3ao p5q3bk p5q3bo p5q3cu p5q3da p5q3as
  p5q3au p5q3az p5q3bb1 p5q3bb2 p5q3bb5 p5q3bb6 p5q3bb7

  ! Age 9 ExtCBCL
  p5q3x p5q3aa p5q3al p5q3ap p5q3bi p5q3bz p5q3cj
  p5q3c p5q3o p5q3r p5q3s p5q3t p5q3u p5q3v p5q3aj p5q3bc
  p5q3bn p5q3cf p5q3cg p5q3ch p5q3ci p5q3cn p5q3co p5q3cq p5q3cw
```

```
    ;

    IDVARIABLE = ff_id;
    MISSING=ALL(99);
    cluster = m1city;

    ANALYSIS:
    PROCESSORS=8;
    Type = Complex ;

    MODEL:

    ! School Connectedness @ Age 15
    SC15 BY k6b1a_r* k6b1b_r k6b1c_r k6b1d_r;
    SC15 @ 1;

    ! School Connectedness @ Age 9
    SC9 BY k5e1a* k5e1b k5e1c k5e1d;
    SC9 @ 1;

    ! Internalizing @ Age 15
    Internalizing BY k6d2ag_r* k6d2ai_r k6d2d_r k6d2j_r k6d2t_r
    k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r k6d2x_r;


    Internalizing @ 1;

    ! Externalizing @ Age 15
    EXTERN BY k6d2a_r* k6d2p_r k6d2r_r k6d2z_r k6d2ab_r k6d2aj_r
    k6d61c k6d61d k6d61e k6d61k k6d61l k6d61m
    k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r;


    EXTERN @ 1;


    ! PAF @ Age 15
    PAF BY k6d2b_r* k6d2f_r k6d2g_r
    k6d2i_r k6d2k_r k6d2l_r k6d2m_r k6d2o_r
    k6d2s_r k6d2v_r k6d2w_r k6d2y_r
    k6d2aa_r k6d2ae_r k6d2af_r k6d2ah_r;
    PAF @ 1;

    ! Age 9 IntCBCL
    InCBCL BY p5q3m* p5q3ab p5q3ad p5q3af
    p5q3ah p5q3ar p5q3av p5q3ax p5q3bq
    p5q3ck p5q3db p5q3e p5q3ao p5q3bk p5q3bo
    p5q3cu p5q3da p5q3as p5q3au p5q3az p5q3bb1 p5q3bb2
    p5q3bb5 p5q3bb6 p5q3bb7;
```

```
InCBCL @ 1;

! Age 9 ExtCBCL
ExCBCL BY p5q3x* p5q3aa p5q3al p5q3ap p5q3bi
p5q3bz p5q3cj p5q3c p5q3o p5q3r
p5q3s p5q3t p5q3u p5q3v p5q3aj p5q3bc p5q3bn p5q3cf
p5q3cg p5q3ch p5q3ci p5q3cn p5q3co p5q3cq p5q3cw;

ExCBCL @ 1;

! Structural Main Effects Model

InCBCL ON DepComp;
InCBCL ON ThreatComp;
SC9 ON InCBCL;

ExCBCL ON DepComp;
ExCBCL ON ThreatComp;
SC9 ON ExCBCL;


EXTERN ON ThreatComp;
Internalizing ON ThreatComp;
PAF on ThreatComp;

EXTERN ON DepComp;
Internalizing ON DepComp;
PAF on DepComp;

EXTERN ON SC9;
Internalizing ON SC9;
PAF ON SC9;

SC15 ON EXTERN;
SC15 ON Internalizing;
SC15 ON PAF;

EXTERN WITH ExCBCL;
Internalizing WITH InCBCL;

ExCBCL ON povco_avg;
ExCBCL ON Race_AA;
ExCBCL ON Race_C;
ExCBCL ON Race_L;
ExCBCL ON cm1bsex;

InCBCL ON povco_avg;
InCBCL ON Race_AA;
InCBCL ON Race_C;
InCBCL ON Race_L;
```

```
    lnCBCL ON cm1bsex;

    EXTERN ON povco_avg;
    EXTERN ON Race_AA;
    EXTERN ON Race_C;
    EXTERN ON Race_L;
    EXTERN ON cm1bsex;

    Internalizing ON povco_avg;
    Internalizing ON Race_AA;
    Internalizing ON Race_C;
    Internalizing ON Race_L;
    Internalizing ON cm1bsex;

    PAF ON povco_avg;
    PAF ON Race_AA;
    PAF ON Race_C;
    PAF ON Race_L;
    PAF ON cm1bsex;

    OUTPUT: standardized sampstat;
```

*** WARNING
  Input line exceeded 90 characters. Some input may be truncated.
   ! A measurement model with the age 9 CBCL data brought into light
items with very low freq
*** WARNING
  Input line exceeded 90 characters. Some input may be truncated.
   ! which resulted in zeros in categorical cells with combined data.
Those items with less t
*** WARNING
  Input line exceeded 90 characters. Some input may be truncated.
   ! cases in a certain category have been excluded – interestingly,
it only resulted in losi
*** WARNING
  Input line exceeded 90 characters. Some input may be truncated.
   ! Delinquency items removed due to low freq: k6d61h k6d61f k6d61g
k6d61a k6d61b k6d61i k6d6
*** WARNING in VARIABLE command
  Note that only the first 8 characters of variable names are used in
the output.
  Shorten variable names to avoid any confusion.
*** WARNING
  Data set contains unknown or missing values for GROUPING,
  PATTERN, COHORT, CLUSTER and/or STRATIFICATION variables.
  Number of cases with unknown or missing values: 1
*** WARNING
  Data set contains cases with missing on x-variables.

```
   These cases were not included in the analysis.
   Number of cases with missing on x-variables:  1651
    7 WARNING(S) FOUND IN THE INPUT INSTRUCTIONS
```

Structual Models – PAF Int Ext w CBCL Controls

SUMMARY OF ANALYSIS

```
Number of groups                                                 1
Number of observations                                        3246

Number of dependent variables                                 101
Number of independent variables                                 7
Number of continuous latent variables                           7
```

Observed dependent variables

```
  Binary and ordered categorical (ordinal)
    K6B1A_R     K6B1B_R     K6B1C_R     K6B1D_R     K5E1A       K5E1B
    K5E1C       K5E1D       K6D2AG_R    K6D2AI_R    K6D2D_R     K6D2J_R
    K6D2T_R     K6D2AC_R    K6D2AK_R    K6D2C_R     K6D2N_R     K6D2X_R
    K6D2A_R     K6D2P_R     K6D2R_R     K6D2Z_R     K6D2AB_R
K6D2AJ_R
    K6D61C      K6D61D      K6D61E      K6D61K      K6D61L      K6D61M
    K6D40_R     K6D48_R     K6F63_R     K6F68_R     K6F74_R     K6D2B_R
    K6D2F_R     K6D2G_R     K6D2I_R     K6D2K_R     K6D2L_R     K6D2M_R
    K6D2O_R     K6D2S_R     K6D2V_R     K6D2W_R     K6D2Y_R
K6D2AA_R
    K6D2AE_R    K6D2AF_R    K6D2AH_R    P5Q3M       P5Q3AB      P5Q3AD
    P5Q3AF      P5Q3AH      P5Q3AR      P5Q3AV      P5Q3AX      P5Q3BQ
    P5Q3CK      P5Q3DB      P5Q3E       P5Q3A0      P5Q3BK      P5Q3B0
    P5Q3CU      P5Q3DA      P5Q3AS      P5Q3AU      P5Q3AZ      P5Q3BB1
    P5Q3BB2     P5Q3BB5     P5Q3BB6     P5Q3BB7     P5Q3X       P5Q3AA
    P5Q3AL      P5Q3AP      P5Q3BI      P5Q3BZ      P5Q3CJ      P5Q3C
    P5Q3O       P5Q3R       P5Q3S       P5Q3T       P5Q3U       P5Q3V
    P5Q3AJ      P5Q3BC      P5Q3BN      P5Q3CF      P5Q3CG      P5Q3CH
    P5Q3CI      P5Q3CN      P5Q3CO      P5Q3CQ      P5Q3CW
```

Observed independent variables

```
    THREATCO    DEPCOMP     POVCO_AV    RACE_AA     RACE_C      RACE_L
    CM1BSEX
```

Continuous latent variables

```
    SC15        SC9         INTERNAL    EXTERN      PAF         INCBCL
    EXCBCL
```

Variables with special functions

```
   Cluster variable        M1CITY
   ID variable             FF_ID

Estimator                                              WLSMV
Maximum number of iterations                           1000
Convergence criterion                             0.500D-04
Maximum number of steepest descent iterations            20
Maximum number of iterations for H1                    2000
Convergence criterion for H1                      0.100D-03
Parameterization                                      DELTA
Link                                                  PROBIT

Input data file(s)
  All_Variables_012021.dat

Input data format  FREE


SUMMARY OF DATA

     Number of missing data patterns         227
     Number of clusters                       20



COVARIANCE COVERAGE OF DATA

Minimum covariance coverage value    0.100


     PROPORTION OF DATA PRESENT
```

	Covariance Coverage			
	K6B1A_R	K6B1B_R	K6B1C_R	K6B1D_R
K5E1A				
	_____	_____	_____	_____
_____				
K6B1A_R	0.984			
K6B1B_R	0.983	0.983		
K6B1C_R	0.983	0.983	0.983	
K6B1D_R	0.982	0.982	0.982	0.982
K5E1A	0.867	0.866	0.866	0.865
0.879				
K5E1B	0.872	0.872	0.872	0.871
0.876				
K5E1C	0.876	0.876	0.876	0.875
0.878				
K5E1D	0.873	0.872	0.872	0.872
0.875				

K6D2AG_R	0.982	0.982	0.982	0.981
0.878				
K6D2AI_R	0.981	0.980	0.980	0.980
0.877				
K6D2D_R	0.978	0.978	0.978	0.977
0.874				
K6D2J_R	0.969	0.968	0.968	0.967
0.866				
K6D2T_R	0.982	0.982	0.982	0.981
0.878				
K6D2AC_R	0.982	0.981	0.981	0.981
0.877				
K6D2AK_R	0.982	0.981	0.981	0.981
0.878				
K6D2C_R	0.973	0.972	0.972	0.972
0.869				
K6D2N_R	0.982	0.981	0.981	0.980
0.877				
K6D2X_R	0.982	0.981	0.981	0.981
0.878				
K6D2A_R	0.983	0.982	0.982	0.982
0.878				
K6D2P_R	0.983	0.982	0.982	0.982
0.878				
K6D2R_R	0.982	0.981	0.981	0.981
0.877				
K6D2Z_R	0.982	0.982	0.982	0.981
0.878				
K6D2AB_R	0.983	0.982	0.982	0.982
0.879				
K6D2AJ_R	0.982	0.982	0.982	0.981
0.878				
K6D61C	0.980	0.980	0.980	0.979
0.877				
K6D61D	0.980	0.980	0.980	0.979
0.877				
K6D61E	0.980	0.979	0.979	0.978
0.877				
K6D61K	0.980	0.979	0.979	0.978
0.876				
K6D61L	0.980	0.980	0.980	0.979
0.877				
K6D61M	0.979	0.978	0.978	0.978
0.875				
K6D40_R	0.981	0.980	0.980	0.979
0.877				
K6D48_R	0.980	0.980	0.980	0.979
0.877				
K6F63_R	0.979	0.978	0.978	0.978
0.876				

K6F68_R	0.979	0.978	0.978	0.978
0.876				
K6F74_R	0.979	0.978	0.978	0.978
0.876				
K6D2B_R	0.982	0.982	0.982	0.981
0.878				
K6D2F_R	0.983	0.982	0.982	0.982
0.878				
K6D2G_R	0.983	0.982	0.982	0.982
0.879				
K6D2I_R	0.982	0.982	0.982	0.981
0.878				
K6D2K_R	0.983	0.982	0.982	0.982
0.878				
K6D2L_R	0.983	0.982	0.982	0.982
0.879				
K6D2M_R	0.983	0.982	0.982	0.982
0.879				
K6D2O_R	0.982	0.982	0.982	0.981
0.878				
K6D2S_R	0.983	0.982	0.982	0.982
0.879				
K6D2V_R	0.983	0.982	0.982	0.982
0.879				
K6D2W_R	0.983	0.982	0.982	0.982
0.878				
K6D2Y_R	0.983	0.982	0.982	0.982
0.878				
K6D2AA_R	0.983	0.982	0.982	0.982
0.879				
K6D2AE_R	0.982	0.981	0.981	0.980
0.877				
K6D2AF_R	0.983	0.982	0.982	0.982
0.879				
K6D2AH_R	0.971	0.970	0.970	0.970
0.867				
P5Q3M	0.869	0.868	0.868	0.868
0.862				
P5Q3AB	0.869	0.868	0.868	0.868
0.861				
P5Q3AD	0.868	0.868	0.868	0.867
0.861				
P5Q3AF	0.869	0.869	0.869	0.868
0.862				
P5Q3AH	0.871	0.870	0.870	0.869
0.863				
P5Q3AR	0.870	0.870	0.870	0.869
0.863				
P5Q3AV	0.871	0.870	0.870	0.869
0.863				

P5Q3AX	0.871	0.870	0.870	0.870
0.864				
P5Q3BQ	0.869	0.869	0.869	0.868
0.862				
P5Q3CK	0.872	0.871	0.871	0.870
0.864				
P5Q3DB	0.860	0.860	0.860	0.859
0.853				
P5Q3E	0.866	0.865	0.865	0.865
0.858				
P5Q3A0	0.870	0.869	0.869	0.868
0.862				
P5Q3BK	0.869	0.868	0.868	0.868
0.862				
P5Q3B0	0.872	0.871	0.871	0.870
0.864				
P5Q3CU	0.871	0.870	0.870	0.869
0.863				
P5Q3DA	0.868	0.867	0.867	0.867
0.860				
P5Q3AS	0.870	0.870	0.870	0.869
0.863				
P5Q3AU	0.869	0.868	0.868	0.868
0.862				
P5Q3AZ	0.870	0.870	0.870	0.869
0.863				
P5Q3BB1	0.869	0.868	0.868	0.868
0.861				
P5Q3BB2	0.867	0.867	0.867	0.866
0.860				
P5Q3BB5	0.866	0.865	0.865	0.865
0.858				
P5Q3BB6	0.870	0.869	0.869	0.868
0.862				
P5Q3BB7	0.860	0.859	0.859	0.859
0.853				
P5Q3X	0.868	0.868	0.868	0.867
0.861				
P5Q3AA	0.870	0.869	0.869	0.868
0.862				
P5Q3AL	0.870	0.870	0.870	0.869
0.863				
P5Q3AP	0.871	0.871	0.871	0.870
0.864				
P5Q3BI	0.870	0.869	0.869	0.869
0.863				
P5Q3BZ	0.872	0.871	0.871	0.871
0.864				
P5Q3CJ	0.871	0.870	0.870	0.869
0.864				

P5Q3C	0.863	0.862	0.862	0.862
0.856				
P5Q3O	0.869	0.868	0.868	0.868
0.861				
P5Q3R	0.870	0.870	0.870	0.869
0.863				
P5Q3S	0.870	0.870	0.870	0.869
0.863				
P5Q3T	0.870	0.870	0.870	0.869
0.863				
P5Q3U	0.870	0.869	0.869	0.868
0.862				
P5Q3V	0.864	0.863	0.863	0.862
0.856				
P5Q3AJ	0.871	0.870	0.870	0.869
0.863				
P5Q3BC	0.867	0.867	0.867	0.866
0.860				
P5Q3BN	0.871	0.871	0.871	0.870
0.864				
P5Q3CF	0.871	0.871	0.871	0.870
0.864				
P5Q3CG	0.871	0.870	0.870	0.870
0.864				
P5Q3CH	0.867	0.866	0.866	0.865
0.859				
P5Q3CI	0.870	0.870	0.870	0.869
0.863				
P5Q3CN	0.871	0.871	0.871	0.870
0.864				
P5Q3CO	0.871	0.871	0.871	0.870
0.864				
P5Q3CQ	0.871	0.871	0.871	0.870
0.864				
P5Q3CW	0.872	0.871	0.871	0.870
0.864				

Covariance Coverage

	K5E1B	K5E1C	K5E1D	K6D2AG_R
K6D2AI_R				
	_____	_____	_____	_____
_____				
K5E1B	0.885			
K5E1C	0.884	0.889		
K5E1D	0.881	0.884	0.886	
K6D2AG_R	0.884	0.888	0.884	0.999
K6D2AI_R	0.883	0.887	0.884	0.997
0.997				
K6D2D_R	0.880	0.884	0.881	0.994

```
0.993
  K6D2J_R          0.872          0.876          0.872          0.985
0.984
  K6D2T_R          0.884          0.888          0.884          0.998
0.997
  K6D2AC_R         0.883          0.888          0.884          0.998
0.996
  K6D2AK_R         0.884          0.888          0.884          0.998
0.997
  K6D2C_R          0.875          0.880          0.876          0.989
0.987
  K6D2N_R          0.883          0.887          0.884          0.997
0.995
  K6D2X_R          0.884          0.888          0.884          0.998
0.996
  K6D2A_R          0.884          0.888          0.885          0.998
0.997
  K6D2P_R          0.884          0.888          0.885          0.998
0.997
  K6D2R_R          0.883          0.888          0.884          0.998
0.996
  K6D2Z_R          0.884          0.888          0.884          0.998
0.997
  K6D2AB_R         0.884          0.889          0.885          0.998
0.997
  K6D2AJ_R         0.884          0.888          0.885          0.998
0.997
  K6D61C           0.883          0.887          0.884          0.996
0.995
  K6D61D           0.883          0.887          0.884          0.996
0.995
  K6D61E           0.883          0.887          0.883          0.995
0.994
  K6D61K           0.882          0.887          0.883          0.995
0.994
  K6D61L           0.883          0.887          0.884          0.996
0.995
  K6D61M           0.881          0.885          0.882          0.994
0.993
  K6D40_R          0.883          0.887          0.884          0.996
0.995
  K6D48_R          0.883          0.887          0.883          0.996
0.994
  K6F63_R          0.882          0.887          0.883          0.994
0.994
  K6F68_R          0.882          0.886          0.883          0.994
0.994
  K6F74_R          0.882          0.887          0.883          0.995
0.994
  K6D2B_R          0.884          0.888          0.884          0.998
```

0.997

K6D2F_R	0.884	0.888	0.885	0.998
0.997				
K6D2G_R	0.884	0.889	0.885	0.999
0.997				
K6D2I_R	0.884	0.888	0.884	0.998
0.996				
K6D2K_R	0.884	0.888	0.885	0.999
0.997				
K6D2L_R	0.884	0.889	0.885	0.999
0.997				
K6D2M_R	0.884	0.889	0.885	0.999
0.997				
K6D2O_R	0.884	0.888	0.884	0.998
0.996				
K6D2S_R	0.884	0.889	0.885	0.999
0.997				
K6D2V_R	0.884	0.889	0.885	0.999
0.997				
K6D2W_R	0.884	0.888	0.885	0.998
0.997				
K6D2Y_R	0.884	0.888	0.885	0.998
0.997				
K6D2AA_R	0.884	0.889	0.885	0.999
0.997				
K6D2AE_R	0.883	0.887	0.884	0.997
0.995				
K6D2AF_R	0.884	0.889	0.885	0.998
0.997				
K6D2AH_R	0.873	0.877	0.873	0.987
0.985				
P5Q3M	0.867	0.872	0.868	0.882
0.881				
P5Q3AB	0.867	0.871	0.868	0.882
0.881				
P5Q3AD	0.866	0.871	0.867	0.881
0.880				
P5Q3AF	0.868	0.872	0.868	0.883
0.881				
P5Q3AH	0.869	0.873	0.870	0.884
0.883				
P5Q3AR	0.868	0.873	0.869	0.884
0.882				
P5Q3AV	0.869	0.873	0.870	0.884
0.883				
P5Q3AX	0.869	0.873	0.870	0.884
0.883				
P5Q3BQ	0.868	0.872	0.869	0.883
0.881				
P5Q3CK	0.870	0.874	0.871	0.885

0.884				
P5Q3DB	0.858	0.863	0.859	0.873
0.872				
P5Q3E	0.864	0.868	0.865	0.879
0.878				
P5Q3A0	0.868	0.872	0.869	0.883
0.882				
P5Q3BK	0.867	0.872	0.868	0.882
0.881				
P5Q3B0	0.870	0.874	0.871	0.885
0.884				
P5Q3CU	0.869	0.873	0.870	0.884
0.883				
P5Q3DA	0.866	0.870	0.867	0.881
0.880				
P5Q3AS	0.868	0.873	0.869	0.884
0.882				
P5Q3AU	0.867	0.872	0.868	0.882
0.881				
P5Q3AZ	0.868	0.873	0.869	0.884
0.882				
P5Q3BB1	0.867	0.871	0.868	0.882
0.880				
P5Q3BB2	0.865	0.869	0.866	0.880
0.879				
P5Q3BB5	0.864	0.868	0.864	0.879
0.877				
P5Q3BB6	0.868	0.872	0.868	0.883
0.881				
P5Q3BB7	0.858	0.862	0.859	0.873
0.872				
P5Q3X	0.867	0.871	0.868	0.882
0.880				
P5Q3AA	0.868	0.872	0.869	0.883
0.882				
P5Q3AL	0.868	0.873	0.869	0.884
0.882				
P5Q3AP	0.869	0.874	0.870	0.884
0.883				
P5Q3BI	0.868	0.872	0.869	0.883
0.882				
P5Q3BZ	0.870	0.874	0.871	0.885
0.884				
P5Q3CJ	0.869	0.873	0.870	0.884
0.883				
P5Q3C	0.861	0.865	0.862	0.876
0.875				
P5Q30	0.867	0.871	0.868	0.882
0.881				
P5Q3R	0.868	0.873	0.870	0.884

0.882

P5Q3S	0.868	0.873	0.870	0.884
0.882				
P5Q3T	0.868	0.873	0.869	0.884
0.882				
P5Q3U	0.868	0.872	0.869	0.883
0.882				
P5Q3V	0.862	0.866	0.863	0.877
0.876				
P5Q3AJ	0.869	0.873	0.870	0.884
0.883				
P5Q3BC	0.865	0.870	0.866	0.880
0.879				
P5Q3BN	0.869	0.874	0.870	0.884
0.883				
P5Q3CF	0.869	0.873	0.870	0.884
0.883				
P5Q3CG	0.869	0.873	0.870	0.884
0.883				
P5Q3CH	0.865	0.869	0.866	0.880
0.879				
P5Q3CI	0.868	0.873	0.869	0.884
0.882				
P5Q3CN	0.869	0.874	0.870	0.884
0.883				
P5Q3CO	0.869	0.874	0.870	0.884
0.883				
P5Q3CQ	0.869	0.874	0.870	0.884
0.883				
P5Q3CW	0.870	0.874	0.871	0.885
0.884				

Covariance Coverage

	K6D2D_R	K6D2J_R	K6D2T_R	K6D2AC_R	K6D2AK_R
K6D2D_R	0.995				
K6D2J_R	0.981	0.985			
K6D2T_R	0.994	0.985	0.999		
K6D2AC_R	0.994	0.984	0.998	0.998	
K6D2AK_R	0.994	0.984	0.998	0.997	0.998
K6D2C_R	0.985	0.978	0.989	0.988	0.988
K6D2N_R	0.993	0.983	0.997	0.997	0.996
K6D2X_R	0.994	0.984	0.998	0.997	0.997

K6D2A_R	0.994	0.985	0.998	0.998
0.998				
K6D2P_R	0.994	0.985	0.998	0.998
0.998				
K6D2R_R	0.994	0.984	0.998	0.997
0.997				
K6D2Z_R	0.994	0.984	0.998	0.998
0.998				
K6D2AB_R	0.994	0.985	0.998	0.998
0.998				
K6D2AJ_R	0.994	0.984	0.998	0.997
0.998				
K6D61C	0.992	0.982	0.996	0.995
0.996				
K6D61D	0.992	0.982	0.996	0.995
0.996				
K6D61E	0.991	0.981	0.995	0.994
0.995				
K6D61K	0.991	0.982	0.995	0.995
0.995				
K6D61L	0.992	0.982	0.996	0.995
0.996				
K6D61M	0.990	0.980	0.994	0.994
0.994				
K6D40_R	0.992	0.982	0.996	0.995
0.996				
K6D48_R	0.992	0.982	0.996	0.995
0.995				
K6F63_R	0.990	0.981	0.994	0.994
0.994				
K6F68_R	0.990	0.981	0.994	0.994
0.994				
K6F74_R	0.991	0.981	0.995	0.994
0.995				
K6D2B_R	0.994	0.985	0.998	0.998
0.998				
K6D2F_R	0.994	0.985	0.998	0.998
0.998				
K6D2G_R	0.995	0.985	0.999	0.998
0.998				
K6D2I_R	0.994	0.984	0.998	0.997
0.997				
K6D2K_R	0.994	0.985	0.998	0.998
0.998				
K6D2L_R	0.995	0.985	0.999	0.998
0.998				
K6D2M_R	0.995	0.985	0.999	0.998
0.998				
K6D2O_R	0.994	0.984	0.998	0.998
0.997				

K6D2S_R	0.995	0.985	0.999	0.998
0.998				
K6D2V_R	0.995	0.985	0.999	0.998
0.998				
K6D2W_R	0.995	0.985	0.998	0.998
0.998				
K6D2Y_R	0.994	0.984	0.998	0.998
0.998				
K6D2AA_R	0.995	0.985	0.999	0.998
0.998				
K6D2AE_R	0.993	0.984	0.997	0.996
0.996				
K6D2AF_R	0.994	0.985	0.998	0.998
0.998				
K6D2AH_R	0.983	0.974	0.986	0.986
0.986				
P5Q3M	0.878	0.870	0.882	0.882
0.882				
P5Q3AB	0.878	0.869	0.882	0.881
0.881				
P5Q3AD	0.877	0.869	0.881	0.881
0.881				
P5Q3AF	0.879	0.870	0.883	0.882
0.882				
P5Q3AH	0.880	0.871	0.884	0.883
0.883				
P5Q3AR	0.880	0.871	0.884	0.883
0.883				
P5Q3AV	0.880	0.871	0.884	0.883
0.883				
P5Q3AX	0.880	0.872	0.884	0.884
0.884				
P5Q3BQ	0.879	0.870	0.883	0.882
0.882				
P5Q3CK	0.881	0.872	0.885	0.884
0.884				
P5Q3DB	0.869	0.861	0.873	0.872
0.872				
P5Q3E	0.875	0.867	0.879	0.878
0.878				
P5Q3A0	0.879	0.870	0.883	0.882
0.882				
P5Q3BK	0.878	0.870	0.882	0.882
0.882				
P5Q3B0	0.881	0.872	0.885	0.884
0.884				
P5Q3CU	0.880	0.871	0.884	0.883
0.883				
P5Q3DA	0.877	0.868	0.881	0.880
0.880				

P5Q3AS	0.880	0.871	0.884	0.883
0.883				
P5Q3AU	0.878	0.870	0.882	0.882
0.882				
P5Q3AZ	0.880	0.871	0.884	0.883
0.883				
P5Q3BB1	0.878	0.869	0.882	0.881
0.881				
P5Q3BB2	0.876	0.868	0.880	0.880
0.880				
P5Q3BB5	0.875	0.867	0.879	0.878
0.878				
P5Q3BB6	0.879	0.870	0.883	0.882
0.882				
P5Q3BB7	0.869	0.860	0.873	0.872
0.872				
P5Q3X	0.878	0.869	0.882	0.881
0.881				
P5Q3AA	0.879	0.870	0.883	0.882
0.882				
P5Q3AL	0.880	0.871	0.884	0.883
0.883				
P5Q3AP	0.880	0.872	0.884	0.884
0.884				
P5Q3BI	0.879	0.871	0.883	0.883
0.883				
P5Q3BZ	0.881	0.872	0.885	0.884
0.884				
P5Q3CJ	0.880	0.871	0.884	0.883
0.883				
P5Q3C	0.872	0.864	0.876	0.875
0.875				
P5Q3O	0.878	0.870	0.882	0.881
0.881				
P5Q3R	0.880	0.871	0.884	0.883
0.883				
P5Q3S	0.880	0.871	0.884	0.883
0.883				
P5Q3T	0.880	0.871	0.884	0.883
0.883				
P5Q3U	0.879	0.870	0.883	0.882
0.882				
P5Q3V	0.873	0.864	0.877	0.876
0.876				
P5Q3AJ	0.880	0.871	0.884	0.883
0.883				
P5Q3BC	0.876	0.868	0.880	0.880
0.880				
P5Q3BN	0.880	0.872	0.884	0.884
0.884				

P5Q3CF	0.880	0.872	0.884	0.884
0.884				
P5Q3CG	0.880	0.872	0.884	0.884
0.884				
P5Q3CH	0.876	0.867	0.880	0.879
0.879				
P5Q3CI	0.880	0.871	0.884	0.883
0.883				
P5Q3CN	0.880	0.872	0.884	0.884
0.884				
P5Q3CO	0.880	0.872	0.884	0.884
0.884				
P5Q3CQ	0.880	0.872	0.884	0.884
0.884				
P5Q3CW	0.881	0.872	0.885	0.884
0.884				

Covariance Coverage

	K6D2C_R	K6D2N_R	K6D2X_R	K6D2A_R
K6D2P_R				
_____	_____	_____	_____	_____
K6D2C_R	0.989			
K6D2N_R	0.987	0.998		
K6D2X_R	0.988	0.997	0.998	
K6D2A_R	0.989	0.997	0.998	0.999
K6D2P_R	0.989	0.997	0.998	0.999
0.999				
K6D2R_R	0.988	0.996	0.997	0.998
0.998				
K6D2Z_R	0.989	0.997	0.998	0.998
0.998				
K6D2AB_R	0.989	0.997	0.998	0.999
0.999				
K6D2AJ_R	0.988	0.997	0.998	0.998
0.998				
K6D61C	0.986	0.995	0.995	0.996
0.996				
K6D61D	0.986	0.995	0.995	0.996
0.996				
K6D61E	0.986	0.994	0.994	0.995
0.995				
K6D61K	0.986	0.994	0.995	0.996
0.996				
K6D61L	0.986	0.995	0.995	0.996
0.996				
K6D61M	0.985	0.993	0.994	0.994
0.994				
K6D40_R	0.986	0.995	0.995	0.996

				0.996
K6D48_R	0.986	0.995	0.995	0.996
				0.996
K6F63_R	0.985	0.994	0.994	0.995
				0.995
K6F68_R	0.985	0.994	0.994	0.995
				0.995
K6F74_R	0.985	0.994	0.994	0.995
				0.995
K6D2B_R	0.989	0.997	0.998	0.998
				0.998
K6D2F_R	0.989	0.997	0.998	0.999
				0.999
K6D2G_R	0.989	0.998	0.998	0.999
				0.999
K6D2I_R	0.988	0.997	0.997	0.998
				0.998
K6D2K_R	0.989	0.997	0.998	0.999
				0.999
K6D2L_R	0.989	0.998	0.998	0.999
				0.999
K6D2M_R	0.989	0.998	0.998	0.999
				0.999
K6D2O_R	0.988	0.997	0.998	0.998
				0.998
K6D2S_R	0.989	0.998	0.998	0.999
				0.999
K6D2V_R	0.989	0.998	0.998	0.999
				0.999
K6D2W_R	0.989	0.997	0.998	0.999
				0.999
K6D2Y_R	0.989	0.997	0.998	0.998
				0.998
K6D2AA_R	0.989	0.998	0.998	0.999
				0.999
K6D2AE_R	0.987	0.996	0.996	0.998
				0.997
K6D2AF_R	0.989	0.997	0.998	0.999
				0.999
K6D2AH_R	0.978	0.986	0.986	0.987
				0.987
P5Q3M	0.873	0.881	0.882	0.883
				0.883
P5Q3AB	0.873	0.881	0.882	0.882
				0.883
P5Q3AD	0.872	0.880	0.881	0.882
				0.882
P5Q3AF	0.873	0.882	0.883	0.883
				0.883
P5Q3AH	0.875	0.883	0.884	0.884

0.884
P5Q3AR	0.874	0.883	0.884	0.884
0.884				
P5Q3AV	0.875	0.883	0.884	0.884
0.884				
P5Q3AX	0.875	0.883	0.884	0.884
0.885				
P5Q3BQ	0.873	0.882	0.883	0.883
0.883				
P5Q3CK	0.876	0.884	0.885	0.885
0.885				
P5Q3DB	0.864	0.872	0.873	0.873
0.873				
P5Q3E	0.870	0.878	0.879	0.879
0.879				
P5Q3A0	0.874	0.882	0.883	0.883
0.884				
P5Q3BK	0.873	0.881	0.882	0.883
0.883				
P5Q3B0	0.876	0.884	0.885	0.885
0.885				
P5Q3CU	0.875	0.883	0.884	0.884
0.884				
P5Q3DA	0.872	0.880	0.881	0.881
0.881				
P5Q3AS	0.874	0.883	0.884	0.884
0.884				
P5Q3AU	0.873	0.881	0.882	0.883
0.883				
P5Q3AZ	0.874	0.883	0.884	0.884
0.884				
P5Q3BB1	0.872	0.881	0.882	0.882
0.882				
P5Q3BB2	0.871	0.879	0.880	0.880
0.881				
P5Q3BB5	0.869	0.878	0.879	0.879
0.879				
P5Q3BB6	0.873	0.882	0.883	0.883
0.883				
P5Q3BB7	0.864	0.872	0.873	0.873
0.873				
P5Q3X	0.872	0.881	0.882	0.882
0.882				
P5Q3AA	0.874	0.882	0.883	0.883
0.884				
P5Q3AL	0.874	0.883	0.884	0.884
0.884				
P5Q3AP	0.875	0.884	0.884	0.885
0.885				
P5Q3BI	0.874	0.882	0.883	0.884

```
0.884
  P5Q3BZ          0.876          0.884          0.885          0.885
0.885
  P5Q3CJ          0.875          0.883          0.884          0.884
0.884
  P5Q3C           0.867          0.875          0.876          0.876
0.876
  P5Q3O           0.873          0.881          0.882          0.882
0.882
  P5Q3R           0.874          0.883          0.884          0.884
0.884
  P5Q3S           0.874          0.883          0.884          0.884
0.884
  P5Q3T           0.874          0.883          0.884          0.884
0.884
  P5Q3U           0.874          0.882          0.883          0.883
0.884
  P5Q3V           0.868          0.876          0.877          0.877
0.877
  P5Q3AJ          0.875          0.883          0.884          0.884
0.884
  P5Q3BC          0.871          0.880          0.880          0.881
0.881
  P5Q3BN          0.875          0.884          0.884          0.885
0.885
  P5Q3CF          0.875          0.883          0.884          0.884
0.884
  P5Q3CG          0.875          0.883          0.884          0.884
0.884
  P5Q3CH          0.871          0.879          0.880          0.880
0.880
  P5Q3CI          0.874          0.883          0.884          0.884
0.884
  P5Q3CN          0.875          0.884          0.884          0.885
0.885
  P5Q3CO          0.875          0.884          0.884          0.885
0.885
  P5Q3CQ          0.875          0.884          0.884          0.885
0.885
  P5Q3CW          0.876          0.884          0.885          0.885
0.885
```

```
               Covariance Coverage
               K6D2R_R        K6D2Z_R        K6D2AB_R       K6D2AJ_R
       K6D61C
               _____       _____       _____       _____
 _____
  K6D2R_R         0.998
  K6D2Z_R         0.998          0.999
```

K6D2AB_R	0.998	0.998	0.999	
K6D2AJ_R	0.997	0.998	0.998	0.998
K6D61C	0.995	0.996	0.996	0.996
0.997				
K6D61D	0.995	0.996	0.996	0.996
0.996				
K6D61E	0.994	0.995	0.995	0.995
0.996				
K6D61K	0.995	0.995	0.996	0.996
0.996				
K6D61L	0.995	0.996	0.996	0.996
0.996				
K6D61M	0.994	0.994	0.994	0.994
0.994				
K6D40_R	0.995	0.996	0.996	0.996
0.996				
K6D48_R	0.995	0.996	0.996	0.996
0.996				
K6F63_R	0.994	0.994	0.995	0.995
0.995				
K6F68_R	0.994	0.994	0.995	0.995
0.995				
K6F74_R	0.994	0.995	0.995	0.995
0.995				
K6D2B_R	0.998	0.998	0.998	0.998
0.996				
K6D2F_R	0.998	0.998	0.999	0.998
0.996				
K6D2G_R	0.998	0.999	0.999	0.998
0.996				
K6D2I_R	0.997	0.998	0.998	0.998
0.995				
K6D2K_R	0.998	0.998	0.999	0.998
0.996				
K6D2L_R	0.998	0.999	0.999	0.998
0.996				
K6D2M_R	0.998	0.999	0.999	0.998
0.996				
K6D2O_R	0.997	0.998	0.998	0.998
0.995				
K6D2S_R	0.998	0.999	0.999	0.998
0.996				
K6D2V_R	0.998	0.999	0.999	0.998
0.996				
K6D2W_R	0.998	0.998	0.999	0.998
0.996				
K6D2Y_R	0.998	0.998	0.998	0.998
0.996				
K6D2AA_R	0.998	0.999	0.999	0.998
0.996				

K6D2AE_R	0.997	0.997	0.997	0.997
0.994				
K6D2AF_R	0.998	0.998	0.999	0.998
0.996				
K6D2AH_R	0.986	0.986	0.987	0.986
0.984				
P5Q3M	0.882	0.882	0.883	0.882
0.881				
P5Q3AB	0.881	0.882	0.883	0.882
0.880				
P5Q3AD	0.881	0.881	0.882	0.881
0.880				
P5Q3AF	0.882	0.883	0.883	0.883
0.881				
P5Q3AH	0.883	0.884	0.884	0.884
0.882				
P5Q3AR	0.883	0.884	0.884	0.884
0.882				
P5Q3AV	0.883	0.884	0.884	0.884
0.882				
P5Q3AX	0.884	0.884	0.885	0.884
0.883				
P5Q3BQ	0.882	0.883	0.883	0.883
0.881				
P5Q3CK	0.884	0.885	0.885	0.885
0.883				
P5Q3DB	0.872	0.873	0.874	0.873
0.872				
P5Q3E	0.878	0.879	0.880	0.879
0.877				
P5Q3A0	0.882	0.883	0.884	0.883
0.881				
P5Q3BK	0.882	0.882	0.883	0.882
0.881				
P5Q3B0	0.884	0.885	0.885	0.885
0.883				
P5Q3CU	0.883	0.884	0.884	0.884
0.882				
P5Q3DA	0.880	0.881	0.882	0.881
0.880				
P5Q3AS	0.883	0.884	0.884	0.884
0.882				
P5Q3AU	0.882	0.882	0.883	0.882
0.881				
P5Q3AZ	0.883	0.884	0.884	0.884
0.882				
P5Q3BB1	0.881	0.882	0.882	0.882
0.880				
P5Q3BB2	0.880	0.880	0.881	0.880
0.879				

P5Q3BB5	0.878	0.879	0.879	0.879
0.877				
P5Q3BB6	0.882	0.883	0.883	0.883
0.881				
P5Q3BB7	0.872	0.873	0.873	0.873
0.871				
P5Q3X	0.881	0.882	0.882	0.882
0.880				
P5Q3AA	0.882	0.883	0.884	0.883
0.881				
P5Q3AL	0.883	0.884	0.884	0.884
0.882				
P5Q3AP	0.884	0.884	0.885	0.884
0.883				
P5Q3BI	0.883	0.883	0.884	0.883
0.882				
P5Q3BZ	0.884	0.885	0.886	0.885
0.884				
P5Q3CJ	0.883	0.884	0.884	0.884
0.882				
P5Q3C	0.875	0.876	0.876	0.876
0.874				
P5Q3O	0.881	0.882	0.883	0.882
0.880				
P5Q3R	0.883	0.884	0.884	0.884
0.882				
P5Q3S	0.883	0.884	0.884	0.884
0.882				
P5Q3T	0.883	0.884	0.884	0.884
0.882				
P5Q3U	0.882	0.883	0.884	0.883
0.881				
P5Q3V	0.876	0.877	0.877	0.877
0.876				
P5Q3AJ	0.883	0.884	0.884	0.884
0.882				
P5Q3BC	0.880	0.880	0.881	0.880
0.879				
P5Q3BN	0.884	0.884	0.885	0.884
0.883				
P5Q3CF	0.884	0.884	0.885	0.884
0.883				
P5Q3CG	0.884	0.884	0.885	0.884
0.883				
P5Q3CH	0.879	0.880	0.880	0.880
0.878				
P5Q3CI	0.883	0.884	0.884	0.884
0.882				
P5Q3CN	0.884	0.884	0.885	0.884
0.883				

P5Q3C0	0.884	0.884	0.885	0.884
0.883				
P5Q3CQ	0.884	0.884	0.885	0.884
0.883				
P5Q3CW	0.884	0.885	0.885	0.885
0.883				

Covariance Coverage

	K6D61D	K6D61E	K6D61K	K6D61L	K6D61M
	_____	_____	_____	_____	_____
K6D61D	0.997				
K6D61E	0.996	0.996			
K6D61K	0.996	0.995	0.996		
K6D61L	0.996	0.996	0.996	0.997	
K6D61M	0.994	0.994	0.994	0.995	0.995
K6D40_R	0.996	0.996	0.996	0.996	0.994
K6D48_R	0.996	0.995	0.995	0.996	0.994
K6F63_R	0.995	0.994	0.994	0.995	0.993
K6F68_R	0.995	0.994	0.994	0.995	0.993
K6F74_R	0.995	0.994	0.995	0.995	0.994
K6D2B_R	0.996	0.995	0.995	0.996	0.994
K6D2F_R	0.996	0.995	0.996	0.996	0.994
K6D2G_R	0.996	0.996	0.996	0.997	0.995
K6D2I_R	0.995	0.995	0.995	0.996	0.994
K6D2K_R	0.996	0.995	0.996	0.996	0.994
K6D2L_R	0.996	0.996	0.996	0.997	0.995
K6D2M_R	0.996	0.996	0.996	0.997	0.995
K6D2O_R	0.996	0.995	0.995	0.996	0.994
K6D2S_R	0.996	0.996	0.996	0.997	0.995
K6D2V_R	0.996	0.996	0.996	0.997	0.995
K6D2W_R	0.996	0.995	0.996	0.996	

				0.994
K6D2Y_R	0.996	0.995	0.995	0.996
				0.994
K6D2AA_R	0.996	0.996	0.996	0.997
				0.995
K6D2AE_R	0.994	0.994	0.994	0.995
				0.993
K6D2AF_R	0.996	0.995	0.996	0.996
				0.994
K6D2AH_R	0.984	0.984	0.984	0.985
				0.983
P5Q3M	0.881	0.880	0.880	0.881
				0.879
P5Q3AB	0.880	0.880	0.880	0.880
				0.879
P5Q3AD	0.880	0.880	0.879	0.880
				0.878
P5Q3AF	0.881	0.881	0.880	0.881
				0.879
P5Q3AH	0.882	0.882	0.882	0.882
				0.880
P5Q3AR	0.882	0.882	0.881	0.882
				0.880
P5Q3AV	0.882	0.882	0.882	0.882
				0.880
P5Q3AX	0.883	0.882	0.882	0.883
				0.881
P5Q3BQ	0.881	0.881	0.880	0.881
				0.879
P5Q3CK	0.883	0.883	0.883	0.883
				0.881
P5Q3DB	0.872	0.871	0.871	0.872
				0.870
P5Q3E	0.877	0.877	0.877	0.877
				0.876
P5Q3A0	0.881	0.881	0.881	0.881
				0.880
P5Q3BK	0.881	0.880	0.880	0.881
				0.879
P5Q3B0	0.883	0.883	0.883	0.883
				0.881
P5Q3CU	0.882	0.882	0.882	0.882
				0.880
P5Q3DA	0.880	0.879	0.879	0.880
				0.878
P5Q3AS	0.882	0.882	0.881	0.882
				0.880
P5Q3AU	0.881	0.880	0.880	0.881
				0.879
P5Q3AZ	0.882	0.882	0.881	0.882

```
0.880
  P5Q3BB1        0.880        0.880        0.880        0.880
0.878
  P5Q3BB2        0.879        0.878        0.878        0.879
0.877
  P5Q3BB5        0.877        0.877        0.876        0.877
0.875
  P5Q3BB6        0.881        0.881        0.880        0.881
0.879
  P5Q3BB7        0.871        0.871        0.871        0.871
0.869
  P5Q3X          0.880        0.880        0.880        0.880
0.878
  P5Q3AA         0.881        0.881        0.881        0.881
0.880
  P5Q3AL         0.882        0.882        0.881        0.882
0.880
  P5Q3AP         0.883        0.883        0.882        0.883
0.881
  P5Q3BI         0.882        0.881        0.881        0.882
0.880
  P5Q3BZ         0.884        0.883        0.883        0.884
0.882
  P5Q3CJ         0.882        0.882        0.882        0.882
0.880
  P5Q3C          0.874        0.874        0.874        0.874
0.872
  P5Q3O          0.880        0.880        0.880        0.880
0.879
  P5Q3R          0.882        0.882        0.881        0.882
0.880
  P5Q3S          0.882        0.882        0.881        0.882
0.880
  P5Q3T          0.882        0.882        0.881        0.882
0.880
  P5Q3U          0.881        0.881        0.881        0.881
0.880
  P5Q3V          0.876        0.875        0.875        0.876
0.874
  P5Q3AJ         0.882        0.882        0.882        0.882
0.880
  P5Q3BC         0.879        0.879        0.878        0.879
0.877
  P5Q3BN         0.883        0.883        0.882        0.883
0.881
  P5Q3CF         0.883        0.882        0.882        0.883
0.881
  P5Q3CG         0.883        0.882        0.882        0.883
0.881
  P5Q3CH         0.878        0.878        0.878        0.878
```

0.876
P5Q3CI	0.882	0.882	0.881	0.882
0.880				
P5Q3CN	0.883	0.883	0.882	0.883
0.881				
P5Q3CO	0.883	0.883	0.882	0.883
0.881				
P5Q3CQ	0.883	0.883	0.882	0.883
0.881				
P5Q3CW	0.883	0.883	0.883	0.883
0.881				

Covariance Coverage

	K6D40_R	K6D48_R	K6F63_R	K6F68_R
K6F74_R				
_____	_____	_____	_____	_____
_____				
K6D40_R	0.997			
K6D48_R	0.996	0.997		
K6F63_R	0.995	0.994	0.995	
K6F68_R	0.995	0.995	0.994	0.995
K6F74_R	0.995	0.995	0.995	0.995
0.995				
K6D2B_R	0.996	0.996	0.994	0.994
0.995				
K6D2F_R	0.996	0.996	0.995	0.995
0.995				
K6D2G_R	0.997	0.996	0.995	0.995
0.995				
K6D2I_R	0.996	0.995	0.994	0.994
0.994				
K6D2K_R	0.996	0.996	0.995	0.995
0.995				
K6D2L_R	0.997	0.996	0.995	0.995
0.995				
K6D2M_R	0.997	0.996	0.995	0.995
0.995				
K6D2O_R	0.996	0.995	0.994	0.994
0.994				
K6D2S_R	0.997	0.996	0.995	0.995
0.995				
K6D2V_R	0.997	0.996	0.995	0.995
0.995				
K6D2W_R	0.996	0.996	0.995	0.995
0.995				
K6D2Y_R	0.996	0.996	0.994	0.994
0.995				
K6D2AA_R	0.997	0.996	0.995	0.995
0.995				

K6D2AE_R	0.995	0.994	0.993	0.993
0.994				
K6D2AF_R	0.996	0.996	0.995	0.995
0.995				
K6D2AH_R	0.984	0.984	0.983	0.983
0.983				
P5Q3M	0.881	0.881	0.880	0.880
0.880				
P5Q3AB	0.881	0.880	0.880	0.879
0.880				
P5Q3AD	0.880	0.880	0.879	0.879
0.879				
P5Q3AF	0.881	0.881	0.880	0.880
0.880				
P5Q3AH	0.883	0.882	0.881	0.881
0.881				
P5Q3AR	0.882	0.882	0.881	0.881
0.881				
P5Q3AV	0.883	0.882	0.881	0.881
0.881				
P5Q3AX	0.883	0.883	0.882	0.881
0.882				
P5Q3BQ	0.881	0.881	0.880	0.880
0.880				
P5Q3CK	0.884	0.883	0.882	0.882
0.882				
P5Q3DB	0.872	0.872	0.871	0.870
0.871				
P5Q3E	0.878	0.877	0.876	0.876
0.876				
P5Q3A0	0.882	0.881	0.880	0.880
0.880				
P5Q3BK	0.881	0.881	0.880	0.880
0.880				
P5Q3B0	0.884	0.883	0.882	0.882
0.882				
P5Q3CU	0.883	0.882	0.881	0.881
0.881				
P5Q3DA	0.880	0.880	0.879	0.878
0.879				
P5Q3AS	0.882	0.882	0.881	0.881
0.881				
P5Q3AU	0.881	0.881	0.880	0.880
0.880				
P5Q3AZ	0.882	0.882	0.881	0.881
0.881				
P5Q3BB1	0.880	0.880	0.879	0.879
0.879				
P5Q3BB2	0.879	0.879	0.878	0.877
0.878				

P5Q3BB5	0.877	0.877	0.876	0.876
0.876				
P5Q3BB6	0.881	0.881	0.880	0.880
0.880				
P5Q3BB7	0.872	0.871	0.870	0.870
0.870				
P5Q3X	0.880	0.880	0.879	0.879
0.879				
P5Q3AA	0.882	0.881	0.880	0.880
0.880				
P5Q3AL	0.882	0.882	0.881	0.881
0.881				
P5Q3AP	0.883	0.883	0.882	0.882
0.882				
P5Q3BI	0.882	0.882	0.881	0.880
0.881				
P5Q3BZ	0.884	0.884	0.883	0.882
0.883				
P5Q3CJ	0.883	0.882	0.881	0.881
0.881				
P5Q3C	0.875	0.874	0.873	0.873
0.873				
P5Q3O	0.881	0.880	0.880	0.879
0.880				
P5Q3R	0.882	0.882	0.881	0.881
0.881				
P5Q3S	0.882	0.882	0.881	0.881
0.881				
P5Q3T	0.882	0.882	0.881	0.881
0.881				
P5Q3U	0.882	0.881	0.880	0.880
0.880				
P5Q3V	0.876	0.876	0.875	0.874
0.875				
P5Q3AJ	0.883	0.882	0.881	0.881
0.881				
P5Q3BC	0.879	0.879	0.878	0.878
0.878				
P5Q3BN	0.883	0.883	0.882	0.882
0.882				
P5Q3CF	0.883	0.883	0.882	0.881
0.882				
P5Q3CG	0.883	0.883	0.882	0.881
0.882				
P5Q3CH	0.879	0.878	0.877	0.877
0.877				
P5Q3CI	0.882	0.882	0.881	0.881
0.881				
P5Q3CN	0.883	0.883	0.882	0.882
0.882				

P5Q3CO	0.883	0.883	0.882	0.882
0.882				
P5Q3CQ	0.883	0.883	0.882	0.882
0.882				
P5Q3CW	0.884	0.883	0.882	0.882
0.882				

Covariance Coverage

	K6D2B_R	K6D2F_R	K6D2G_R	K6D2I_R
K6D2K_R				
_____	_____	_____	_____	_____
K6D2B_R	0.999			
K6D2F_R	0.998	0.999		
K6D2G_R	0.999	0.999	0.999	
K6D2I_R	0.998	0.998	0.998	0.998
K6D2K_R	0.998	0.999	0.999	0.998
0.999				
K6D2L_R	0.999	0.999	0.999	0.998
0.999				
K6D2M_R	0.999	0.999	0.999	0.998
0.999				
K6D2O_R	0.998	0.998	0.998	0.998
0.998				
K6D2S_R	0.999	0.999	0.999	0.998
0.999				
K6D2V_R	0.999	0.999	0.999	0.998
0.999				
K6D2W_R	0.998	0.999	0.999	0.998
0.999				
K6D2Y_R	0.998	0.998	0.999	0.998
0.998				
K6D2AA_R	0.999	0.999	0.999	0.998
0.999				
K6D2AE_R	0.997	0.997	0.998	0.997
0.997				
K6D2AF_R	0.998	0.999	0.999	0.998
0.999				
K6D2AH_R	0.986	0.987	0.987	0.986
0.987				
P5Q3M	0.882	0.883	0.883	0.882
0.883				
P5Q3AB	0.882	0.882	0.883	0.882
0.882				
P5Q3AD	0.881	0.882	0.882	0.881
0.882				
P5Q3AF	0.883	0.883	0.883	0.882
0.883				
P5Q3AH	0.884	0.884	0.884	0.884

0.884

P5Q3AR	0.884	0.884	0.884	0.883
0.884				
P5Q3AV	0.884	0.884	0.884	0.884
0.884				
P5Q3AX	0.884	0.884	0.885	0.884
0.884				
P5Q3BQ	0.883	0.883	0.883	0.882
0.883				
P5Q3CK	0.885	0.885	0.885	0.884
0.885				
P5Q3DB	0.873	0.873	0.874	0.873
0.873				
P5Q3E	0.879	0.879	0.880	0.879
0.879				
P5Q3A0	0.883	0.883	0.884	0.883
0.883				
P5Q3BK	0.882	0.883	0.883	0.882
0.883				
P5Q3B0	0.885	0.885	0.885	0.884
0.885				
P5Q3CU	0.884	0.884	0.884	0.884
0.884				
P5Q3DA	0.881	0.881	0.882	0.881
0.881				
P5Q3AS	0.884	0.884	0.884	0.883
0.884				
P5Q3AU	0.882	0.883	0.883	0.882
0.883				
P5Q3AZ	0.884	0.884	0.884	0.883
0.884				
P5Q3BB1	0.882	0.882	0.882	0.881
0.882				
P5Q3BB2	0.880	0.880	0.881	0.880
0.880				
P5Q3BB5	0.879	0.879	0.879	0.878
0.879				
P5Q3BB6	0.883	0.883	0.883	0.882
0.883				
P5Q3BB7	0.873	0.873	0.873	0.872
0.873				
P5Q3X	0.882	0.882	0.882	0.881
0.882				
P5Q3AA	0.883	0.883	0.884	0.883
0.883				
P5Q3AL	0.884	0.884	0.884	0.883
0.884				
P5Q3AP	0.884	0.885	0.885	0.884
0.885				
P5Q3BI	0.883	0.884	0.884	0.883

```
0.884
  P5Q3BZ          0.885          0.885          0.886          0.885
0.885
  P5Q3CJ          0.884          0.884          0.884          0.884
0.884
  P5Q3C           0.876          0.876          0.876          0.876
0.876
  P5Q3O           0.882          0.882          0.883          0.882
0.882
  P5Q3R           0.884          0.884          0.884          0.883
0.884
  P5Q3S           0.884          0.884          0.884          0.883
0.884
  P5Q3T           0.884          0.884          0.884          0.883
0.884
  P5Q3U           0.883          0.883          0.884          0.883
0.883
  P5Q3V           0.877          0.877          0.877          0.876
0.877
  P5Q3AJ          0.884          0.884          0.884          0.884
0.884
  P5Q3BC          0.880          0.881          0.881          0.880
0.881
  P5Q3BN          0.884          0.885          0.885          0.884
0.885
  P5Q3CF          0.884          0.884          0.885          0.884
0.884
  P5Q3CG          0.884          0.884          0.885          0.884
0.884
  P5Q3CH          0.880          0.880          0.880          0.880
0.880
  P5Q3CI          0.884          0.884          0.884          0.883
0.884
  P5Q3CN          0.884          0.885          0.885          0.884
0.885
  P5Q3CO          0.884          0.885          0.885          0.884
0.885
  P5Q3CQ          0.884          0.885          0.885          0.884
0.885
  P5Q3CW          0.885          0.885          0.885          0.884
0.885
```

          Covariance Coverage
             K6D2L_R   K6D2M_R   K6D2O_R   K6D2S_R
    K6D2V_R

             _____   _____   _____   _____
 _____
  K6D2L_R   0.999
  K6D2M_R   0.999   0.999

K6D2O_R	0.998	0.998	0.998	
K6D2S_R	0.999	0.999	0.998	0.999
K6D2V_R	0.999	0.999	0.998	0.999 0.999
K6D2W_R	0.999	0.999	0.998	0.999 0.999
K6D2Y_R	0.999	0.999	0.998	0.999 0.999
K6D2AA_R	0.999	0.999	0.998	0.999 0.999
K6D2AE_R	0.998	0.998	0.997	0.998 0.998
K6D2AF_R	0.999	0.999	0.998	0.999 0.999
K6D2AH_R	0.987	0.987	0.986	0.987 0.987
P5Q3M	0.883	0.883	0.882	0.883 0.883
P5Q3AB	0.883	0.883	0.882	0.883 0.883
P5Q3AD	0.882	0.882	0.881	0.882 0.882
P5Q3AF	0.883	0.883	0.883	0.883 0.883
P5Q3AH	0.884	0.884	0.884	0.884 0.884
P5Q3AR	0.884	0.884	0.884	0.884 0.884
P5Q3AV	0.884	0.884	0.884	0.884 0.884
P5Q3AX	0.885	0.885	0.884	0.885 0.885
P5Q3BQ	0.883	0.883	0.883	0.883 0.883
P5Q3CK	0.885	0.885	0.885	0.885 0.885
P5Q3DB	0.874	0.874	0.873	0.874 0.874
P5Q3E	0.880	0.880	0.879	0.880 0.880
P5Q3A0	0.884	0.884	0.883	0.884 0.884
P5Q3BK	0.883	0.883	0.882	0.883 0.883
P5Q3BO	0.885	0.885	0.885	0.885 0.885
P5Q3CU	0.884	0.884	0.884	0.884 0.884
P5Q3DA	0.882	0.882	0.881	0.882 0.882

P5Q3AS	0.884	0.884	0.884	0.884
0.884				
P5Q3AU	0.883	0.883	0.882	0.883
0.883				
P5Q3AZ	0.884	0.884	0.884	0.884
0.884				
P5Q3BB1	0.882	0.882	0.882	0.882
0.882				
P5Q3BB2	0.881	0.881	0.880	0.881
0.881				
P5Q3BB5	0.879	0.879	0.879	0.879
0.879				
P5Q3BB6	0.883	0.883	0.883	0.883
0.883				
P5Q3BB7	0.873	0.873	0.873	0.873
0.873				
P5Q3X	0.882	0.882	0.882	0.882
0.882				
P5Q3AA	0.884	0.884	0.883	0.884
0.884				
P5Q3AL	0.884	0.884	0.884	0.884
0.884				
P5Q3AP	0.885	0.885	0.884	0.885
0.885				
P5Q3BI	0.884	0.884	0.883	0.884
0.884				
P5Q3BZ	0.886	0.886	0.885	0.886
0.886				
P5Q3CJ	0.884	0.884	0.884	0.884
0.884				
P5Q3C	0.876	0.876	0.876	0.876
0.876				
P5Q3O	0.883	0.883	0.882	0.883
0.883				
P5Q3R	0.884	0.884	0.884	0.884
0.884				
P5Q3S	0.884	0.884	0.884	0.884
0.884				
P5Q3T	0.884	0.884	0.884	0.884
0.884				
P5Q3U	0.884	0.884	0.883	0.884
0.884				
P5Q3V	0.877	0.877	0.877	0.877
0.877				
P5Q3AJ	0.884	0.884	0.884	0.884
0.884				
P5Q3BC	0.881	0.881	0.880	0.881
0.881				
P5Q3BN	0.885	0.885	0.884	0.885
0.885				

P5Q3CF	0.885	0.885	0.884	0.885
0.885				
P5Q3CG	0.885	0.885	0.884	0.885
0.885				
P5Q3CH	0.880	0.880	0.880	0.880
0.880				
P5Q3CI	0.884	0.884	0.884	0.884
0.884				
P5Q3CN	0.885	0.885	0.884	0.885
0.885				
P5Q3CO	0.885	0.885	0.884	0.885
0.885				
P5Q3CQ	0.885	0.885	0.884	0.885
0.885				
P5Q3CW	0.885	0.885	0.885	0.885
0.885				

Covariance Coverage

	K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R
K6D2AF_R				
_____	_____	_____	_____	_____
K6D2W_R	0.999			
K6D2Y_R	0.998	0.999		
K6D2AA_R	0.999	0.999	0.999	
K6D2AE_R	0.997	0.997	0.998	0.998
K6D2AF_R	0.999	0.998	0.999	0.997
0.999				
K6D2AH_R	0.987	0.987	0.987	0.986
0.987				
P5Q3M	0.883	0.883	0.883	0.881
0.883				
P5Q3AB	0.882	0.882	0.883	0.881
0.883				
P5Q3AD	0.882	0.882	0.882	0.880
0.882				
P5Q3AF	0.883	0.883	0.883	0.882
0.883				
P5Q3AH	0.884	0.884	0.884	0.883
0.884				
P5Q3AR	0.884	0.884	0.884	0.883
0.884				
P5Q3AV	0.884	0.884	0.884	0.883
0.884				
P5Q3AX	0.884	0.884	0.885	0.883
0.885				
P5Q3BQ	0.883	0.883	0.883	0.882
0.883				
P5Q3CK	0.885	0.885	0.885	0.884

```
0.885
  P5Q3DB        0.873        0.873        0.874        0.872
0.874
  P5Q3E         0.879        0.879        0.880        0.878
0.880
  P5Q3A0        0.883        0.883        0.884        0.882
0.884
  P5Q3BK        0.883        0.883        0.883        0.881
0.883
  P5Q3B0        0.885        0.885        0.885        0.884
0.885
  P5Q3CU        0.884        0.884        0.884        0.883
0.884
  P5Q3DA        0.881        0.881        0.882        0.880
0.882
  P5Q3AS        0.884        0.884        0.884        0.883
0.884
  P5Q3AU        0.883        0.883        0.883        0.881
0.883
  P5Q3AZ        0.884        0.884        0.884        0.883
0.884
  P5Q3BB1       0.882        0.882        0.882        0.881
0.882
  P5Q3BB2       0.880        0.880        0.881        0.879
0.881
  P5Q3BB5       0.879        0.879        0.879        0.878
0.879
  P5Q3BB6       0.883        0.883        0.883        0.882
0.883
  P5Q3BB7       0.873        0.873        0.873        0.872
0.873
  P5Q3X         0.882        0.882        0.882        0.881
0.882
  P5Q3AA        0.883        0.883        0.884        0.882
0.884
  P5Q3AL        0.884        0.884        0.884        0.883
0.884
  P5Q3AP        0.885        0.885        0.885        0.884
0.885
  P5Q3BI        0.884        0.884        0.884        0.882
0.884
  P5Q3BZ        0.885        0.885        0.886        0.884
0.886
  P5Q3CJ        0.884        0.884        0.884        0.883
0.884
  P5Q3C         0.876        0.876        0.876        0.875
0.876
  P5Q30         0.882        0.882        0.883        0.881
0.883
  P5Q3R         0.884        0.884        0.884        0.883
```

0.884

P5Q3S	0.884	0.884	0.884	0.883
0.884				
P5Q3T	0.884	0.884	0.884	0.883
0.884				
P5Q3U	0.883	0.883	0.884	0.882
0.884				
P5Q3V	0.877	0.877	0.877	0.876
0.877				
P5Q3AJ	0.884	0.884	0.884	0.883
0.884				
P5Q3BC	0.881	0.881	0.881	0.880
0.881				
P5Q3BN	0.885	0.885	0.885	0.884
0.885				
P5Q3CF	0.884	0.884	0.885	0.883
0.885				
P5Q3CG	0.884	0.884	0.885	0.883
0.885				
P5Q3CH	0.880	0.880	0.880	0.879
0.880				
P5Q3CI	0.884	0.884	0.884	0.883
0.884				
P5Q3CN	0.885	0.885	0.885	0.884
0.885				
P5Q3CO	0.885	0.885	0.885	0.884
0.885				
P5Q3CQ	0.885	0.885	0.885	0.884
0.885				
P5Q3CW	0.885	0.885	0.885	0.884
0.885				

Covariance Coverage

	K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD	P5Q3AF
K6D2AH_R	0.987				
P5Q3M	0.872	0.884			
P5Q3AB	0.872	0.880	0.883		
P5Q3AD	0.871	0.879	0.880	0.883	
P5Q3AF	0.872	0.880	0.881	0.880	0.884
P5Q3AH	0.873	0.881	0.882	0.882	0.883
P5Q3AR	0.873	0.881	0.882	0.881	0.882
P5Q3AV	0.873	0.881	0.882	0.881	0.883

P5Q3AX	0.874	0.882	0.882	0.882
0.883				
P5Q3BQ	0.872	0.880	0.880	0.879
0.880				
P5Q3CK	0.874	0.882	0.882	0.881
0.883				
P5Q3DB	0.862	0.871	0.870	0.870
0.871				
P5Q3E	0.868	0.879	0.876	0.876
0.877				
P5Q3A0	0.872	0.880	0.882	0.881
0.882				
P5Q3BK	0.872	0.880	0.880	0.879
0.880				
P5Q3B0	0.874	0.882	0.882	0.881
0.883				
P5Q3CU	0.873	0.881	0.881	0.880
0.882				
P5Q3DA	0.870	0.879	0.878	0.878
0.879				
P5Q3AS	0.873	0.881	0.882	0.881
0.882				
P5Q3AU	0.872	0.880	0.881	0.880
0.881				
P5Q3AZ	0.873	0.881	0.882	0.881
0.882				
P5Q3BB1	0.871	0.879	0.880	0.880
0.880				
P5Q3BB2	0.869	0.878	0.878	0.878
0.879				
P5Q3BB5	0.868	0.876	0.877	0.876
0.877				
P5Q3BB6	0.872	0.880	0.881	0.880
0.881				
P5Q3BB7	0.862	0.870	0.871	0.871
0.872				
P5Q3X	0.871	0.880	0.880	0.880
0.881				
P5Q3AA	0.872	0.880	0.881	0.881
0.882				
P5Q3AL	0.873	0.881	0.882	0.881
0.883				
P5Q3AP	0.874	0.882	0.883	0.882
0.884				
P5Q3BI	0.872	0.881	0.880	0.880
0.881				
P5Q3BZ	0.874	0.883	0.882	0.882
0.883				
P5Q3CJ	0.873	0.881	0.881	0.880
0.882				

P5Q3C	0.865	0.876	0.873	0.873
0.874				
P5Q3O	0.872	0.882	0.879	0.879
0.880				
P5Q3R	0.873	0.884	0.881	0.880
0.882				
P5Q3S	0.873	0.884	0.881	0.880
0.882				
P5Q3T	0.873	0.881	0.882	0.881
0.883				
P5Q3U	0.872	0.880	0.881	0.881
0.882				
P5Q3V	0.866	0.874	0.875	0.875
0.876				
P5Q3AJ	0.873	0.881	0.883	0.882
0.883				
P5Q3BC	0.870	0.878	0.879	0.878
0.880				
P5Q3BN	0.874	0.882	0.882	0.881
0.883				
P5Q3CF	0.873	0.882	0.881	0.881
0.882				
P5Q3CG	0.873	0.882	0.882	0.881
0.882				
P5Q3CH	0.869	0.878	0.877	0.876
0.878				
P5Q3CI	0.873	0.881	0.881	0.880
0.881				
P5Q3CN	0.874	0.882	0.882	0.881
0.882				
P5Q3CO	0.874	0.882	0.882	0.881
0.882				
P5Q3CQ	0.874	0.882	0.882	0.881
0.882				
P5Q3CW	0.874	0.882	0.882	0.881
0.883				

Covariance Coverage

	P5Q3AH	P5Q3AR	P5Q3AV	P5Q3AX
P5Q3BQ				
	_____	_____	_____	_____
_____				
P5Q3AH	0.885			
P5Q3AR	0.884	0.885		
P5Q3AV	0.884	0.884	0.885	
P5Q3AX	0.884	0.884	0.884	0.885
P5Q3BQ	0.882	0.881	0.882	0.882
0.884				
P5Q3CK	0.884	0.884	0.884	0.884

				0.883
P5Q3DB	0.872	0.872	0.872	0.872
				0.871
P5Q3E	0.878	0.878	0.878	0.878
				0.877
P5Q3A0	0.884	0.883	0.883	0.884
				0.881
P5Q3BK	0.881	0.882	0.882	0.882
				0.880
P5Q3B0	0.884	0.884	0.884	0.884
				0.883
P5Q3CU	0.883	0.883	0.883	0.884
				0.882
P5Q3DA	0.880	0.880	0.880	0.880
				0.879
P5Q3AS	0.884	0.883	0.884	0.884
				0.881
P5Q3AU	0.882	0.882	0.883	0.883
				0.880
P5Q3AZ	0.884	0.883	0.884	0.884
				0.881
P5Q3BB1	0.882	0.881	0.882	0.882
				0.880
P5Q3BB2	0.880	0.880	0.880	0.880
				0.878
P5Q3BB5	0.879	0.878	0.879	0.879
				0.876
P5Q3BB6	0.883	0.882	0.883	0.883
				0.880
P5Q3BB7	0.873	0.872	0.873	0.873
				0.871
P5Q3X	0.882	0.881	0.882	0.882
				0.880
P5Q3AA	0.883	0.883	0.883	0.883
				0.881
P5Q3AL	0.884	0.883	0.884	0.884
				0.882
P5Q3AP	0.885	0.884	0.884	0.885
				0.882
P5Q3BI	0.882	0.882	0.883	0.883
				0.881
P5Q3BZ	0.884	0.884	0.884	0.884
				0.883
P5Q3CJ	0.883	0.883	0.883	0.883
				0.882
P5Q3C	0.875	0.875	0.875	0.875
				0.874
P5Q30	0.881	0.881	0.881	0.881
				0.880
P5Q3R	0.883	0.882	0.883	0.883

0.882

P5Q3S	0.883	0.882	0.883	0.883
0.882				
P5Q3T	0.884	0.883	0.884	0.884
0.881				
P5Q3U	0.883	0.883	0.883	0.883
0.881				
P5Q3V	0.877	0.876	0.877	0.877
0.875				
P5Q3AJ	0.884	0.884	0.884	0.884
0.882				
P5Q3BC	0.880	0.880	0.880	0.881
0.878				
P5Q3BN	0.884	0.884	0.884	0.884
0.883				
P5Q3CF	0.883	0.883	0.884	0.884
0.882				
P5Q3CG	0.883	0.883	0.884	0.884
0.882				
P5Q3CH	0.879	0.879	0.879	0.879
0.878				
P5Q3CI	0.883	0.883	0.883	0.883
0.881				
P5Q3CN	0.884	0.884	0.884	0.884
0.883				
P5Q3CO	0.884	0.884	0.884	0.884
0.882				
P5Q3CQ	0.884	0.884	0.884	0.884
0.882				
P5Q3CW	0.884	0.884	0.884	0.884
0.883				

Covariance Coverage

| | P5Q3CK | P5Q3DB | P5Q3E | P5Q3A0 |
P5Q3BK				
	_____	_____	_____	_____
_____				
P5Q3CK	0.886			
P5Q3DB	0.873	0.874		
P5Q3E	0.879	0.868	0.880	
P5Q3A0	0.883	0.871	0.877	0.884
P5Q3BK	0.883	0.871	0.876	0.880
0.884				
P5Q3B0	0.885	0.873	0.879	0.883
0.883				
P5Q3CU	0.884	0.872	0.878	0.882
0.882				
P5Q3DA	0.881	0.871	0.875	0.879
0.879				

P5Q3AS	0.884	0.872	0.878	0.883
0.881				
P5Q3AU	0.883	0.871	0.877	0.882
0.880				
P5Q3AZ	0.884	0.872	0.878	0.883
0.881				
P5Q3BB1	0.882	0.870	0.876	0.881
0.879				
P5Q3BB2	0.880	0.868	0.875	0.879
0.878				
P5Q3BB5	0.879	0.867	0.873	0.878
0.876				
P5Q3BB6	0.883	0.871	0.877	0.882
0.880				
P5Q3BB7	0.873	0.861	0.867	0.872
0.870				
P5Q3X	0.882	0.870	0.876	0.881
0.879				
P5Q3AA	0.883	0.871	0.877	0.882
0.880				
P5Q3AL	0.884	0.872	0.878	0.883
0.881				
P5Q3AP	0.884	0.873	0.879	0.884
0.882				
P5Q3BI	0.883	0.872	0.877	0.881
0.882				
P5Q3BZ	0.885	0.873	0.879	0.883
0.883				
P5Q3CJ	0.884	0.872	0.878	0.882
0.882				
P5Q3C	0.876	0.865	0.872	0.874
0.873				
P5Q3O	0.882	0.871	0.879	0.880
0.880				
P5Q3R	0.884	0.872	0.880	0.882
0.881				
P5Q3S	0.884	0.872	0.880	0.882
0.881				
P5Q3T	0.884	0.872	0.878	0.883
0.881				
P5Q3U	0.883	0.871	0.877	0.882
0.881				
P5Q3V	0.877	0.865	0.871	0.876
0.874				
P5Q3AJ	0.884	0.872	0.878	0.884
0.881				
P5Q3BC	0.880	0.869	0.875	0.880
0.878				
P5Q3BN	0.884	0.873	0.879	0.883
0.882				

P5Q3CF	0.885	0.872	0.878	0.882
0.882				
P5Q3CG	0.885	0.872	0.878	0.882
0.882				
P5Q3CH	0.880	0.868	0.875	0.879
0.878				
P5Q3CI	0.884	0.872	0.878	0.882
0.881				
P5Q3CN	0.885	0.873	0.879	0.883
0.882				
P5Q3CO	0.885	0.873	0.879	0.883
0.882				
P5Q3CQ	0.885	0.873	0.879	0.883
0.882				
P5Q3CW	0.885	0.873	0.879	0.883
0.883				

Covariance Coverage

	P5Q3B0	P5Q3CU	P5Q3DA	P5Q3AS
P5Q3AU	_____	_____	_____	_____
_____				
P5Q3B0	0.886			
P5Q3CU	0.884	0.885		
P5Q3DA	0.881	0.880	0.882	
P5Q3AS	0.884	0.883	0.880	0.885
P5Q3AU	0.882	0.882	0.879	0.883
0.884				
P5Q3AZ	0.884	0.883	0.880	0.883
0.882				
P5Q3BB1	0.882	0.881	0.878	0.881
0.880				
P5Q3BB2	0.880	0.879	0.876	0.880
0.879				
P5Q3BB5	0.879	0.878	0.875	0.878
0.877				
P5Q3BB6	0.883	0.882	0.879	0.882
0.881				
P5Q3BB7	0.873	0.872	0.869	0.873
0.871				
P5Q3X	0.882	0.881	0.878	0.881
0.880				
P5Q3AA	0.883	0.882	0.879	0.883
0.881				
P5Q3AL	0.884	0.883	0.880	0.883
0.882				
P5Q3AP	0.884	0.884	0.881	0.884
0.883				
P5Q3BI	0.884	0.882	0.880	0.882

```
0.881
  P5Q3BZ           0.885          0.884          0.881          0.884
0.883
  P5Q3CJ           0.884          0.884          0.880          0.883
0.882
  P5Q3C            0.876          0.875          0.872          0.875
0.873
  P5Q3O            0.882          0.881          0.878          0.881
0.880
  P5Q3R            0.884          0.883          0.880          0.882
0.881
  P5Q3S            0.884          0.883          0.880          0.882
0.881
  P5Q3T            0.884          0.883          0.880          0.883
0.882
  P5Q3U            0.883          0.882          0.879          0.883
0.881
  P5Q3V            0.877          0.876          0.873          0.876
0.875
  P5Q3AJ           0.884          0.883          0.880          0.884
0.883
  P5Q3BC           0.880          0.880          0.877          0.880
0.879
  P5Q3BN           0.885          0.884          0.881          0.884
0.882
  P5Q3CF           0.884          0.884          0.880          0.883
0.882
  P5Q3CG           0.884          0.884          0.880          0.883
0.882
  P5Q3CH           0.880          0.880          0.876          0.879
0.878
  P5Q3CI           0.884          0.883          0.880          0.882
0.881
  P5Q3CN           0.884          0.884          0.881          0.883
0.883
  P5Q3CO           0.884          0.884          0.881          0.883
0.883
  P5Q3CQ           0.884          0.884          0.881          0.883
0.883
  P5Q3CW           0.885          0.884          0.881          0.884
0.883


           Covariance Coverage
             P5Q3AZ        P5Q3BB1        P5Q3BB2        P5Q3BB5
  P5Q3BB6
             _____       _____       _____       _____
 _____
  P5Q3AZ        0.885
  P5Q3BB1       0.881          0.883
```

P5Q3BB2	0.880	0.880	0.881	
P5Q3BB5	0.878	0.877	0.876	0.880
P5Q3BB6	0.882	0.882	0.880	0.879
0.884				
P5Q3BB7	0.872	0.872	0.871	0.869
0.873				
P5Q3X	0.881	0.880	0.878	0.877
0.880				
P5Q3AA	0.883	0.881	0.879	0.878
0.882				
P5Q3AL	0.883	0.881	0.880	0.878
0.882				
P5Q3AP	0.884	0.882	0.881	0.879
0.883				
P5Q3BI	0.882	0.880	0.879	0.877
0.881				
P5Q3BZ	0.884	0.882	0.880	0.879
0.883				
P5Q3CJ	0.883	0.881	0.880	0.878
0.882				
P5Q3C	0.875	0.873	0.871	0.870
0.874				
P5Q3O	0.881	0.879	0.877	0.876
0.880				
P5Q3R	0.882	0.880	0.879	0.877
0.881				
P5Q3S	0.882	0.880	0.879	0.877
0.881				
P5Q3T	0.883	0.881	0.880	0.878
0.882				
P5Q3U	0.883	0.881	0.879	0.878
0.882				
P5Q3V	0.876	0.875	0.873	0.872
0.876				
P5Q3AJ	0.884	0.882	0.880	0.879
0.883				
P5Q3BC	0.880	0.878	0.877	0.876
0.880				
P5Q3BN	0.884	0.882	0.880	0.879
0.883				
P5Q3CF	0.883	0.881	0.880	0.878
0.882				
P5Q3CG	0.883	0.881	0.880	0.878
0.882				
P5Q3CH	0.879	0.877	0.875	0.874
0.878				
P5Q3CI	0.882	0.880	0.879	0.877
0.881				
P5Q3CN	0.883	0.881	0.880	0.878
0.882				

P5Q3C0	0.883	0.881	0.880	0.878
0.882				
P5Q3CQ	0.883	0.881	0.880	0.878
0.882				
P5Q3CW	0.884	0.882	0.880	0.879
0.883				

Covariance Coverage

	P5Q3BB7	P5Q3X	P5Q3AA	P5Q3AL	P5Q3AP
P5Q3BB7	0.874				
P5Q3X	0.871	0.883			
P5Q3AA	0.872	0.881	0.884		
P5Q3AL	0.872	0.882	0.883	0.885	
P5Q3AP	0.873	0.883	0.884	0.884	0.886
P5Q3BI	0.871	0.880	0.881	0.882	0.883
P5Q3BZ	0.873	0.882	0.883	0.884	0.885
P5Q3CJ	0.872	0.881	0.882	0.883	0.884
P5Q3C	0.864	0.873	0.874	0.875	0.876
P5Q30	0.870	0.879	0.880	0.881	0.882
P5Q3R	0.872	0.881	0.882	0.882	0.883
P5Q3S	0.872	0.881	0.882	0.882	0.883
P5Q3T	0.872	0.882	0.883	0.884	0.884
P5Q3U	0.872	0.881	0.882	0.883	0.884
P5Q3V	0.866	0.875	0.876	0.877	0.878
P5Q3AJ	0.873	0.882	0.883	0.884	0.885
P5Q3BC	0.870	0.879	0.880	0.880	0.881
P5Q3BN	0.873	0.882	0.883	0.884	0.884
P5Q3CF	0.872	0.881	0.882	0.883	0.884
P5Q3CG	0.872	0.881	0.882	0.883	0.884
P5Q3CH	0.868	0.877	0.878	0.879	

P5Q3CI	0.872	0.881	0.882	0.882
	0.883			
P5Q3CN	0.872	0.881	0.883	0.884
	0.884			
P5Q3CO	0.872	0.881	0.883	0.883
	0.884			
P5Q3CQ	0.872	0.881	0.883	0.883
	0.884			
P5Q3CW	0.873	0.882	0.883	0.884
	0.884			

Covariance Coverage

	P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C	P5Q3O
P5Q3BI	0.884				
P5Q3BZ	0.884	0.886			
P5Q3CJ	0.882	0.884	0.885		
P5Q3C	0.874	0.876	0.875	0.877	
P5Q3O	0.880	0.882	0.881	0.876	0.883
P5Q3R	0.882	0.884	0.883	0.877	0.883
P5Q3S	0.882	0.884	0.883	0.877	0.883
P5Q3T	0.882	0.884	0.883	0.875	0.881
P5Q3U	0.881	0.883	0.882	0.874	0.880
P5Q3V	0.875	0.877	0.876	0.868	0.874
P5Q3AJ	0.882	0.884	0.883	0.875	0.881
P5Q3BC	0.879	0.881	0.880	0.872	0.878
P5Q3BN	0.883	0.885	0.884	0.876	0.882
P5Q3CF	0.883	0.884	0.884	0.875	0.881
P5Q3CG	0.883	0.884	0.884	0.875	0.881
P5Q3CH	0.878	0.880	0.880	0.871	0.877
P5Q3CI	0.882	0.884	0.883	0.875	0.881
P5Q3CN	0.883	0.885	0.884	0.876	0.882

P5Q3CO	0.883	0.885	0.884	0.876
0.882				
P5Q3CQ	0.883	0.885	0.884	0.876
0.882				
P5Q3CW	0.883	0.885	0.884	0.876
0.882				

Covariance Coverage

	P5Q3R	P5Q3S	P5Q3T	P5Q3U
P5Q3V				
	_____	_____	_____	_____
_____				
P5Q3R	0.885			
P5Q3S	0.885	0.885		
P5Q3T	0.883	0.883	0.885	
P5Q3U	0.882	0.882	0.883	0.884
P5Q3V	0.876	0.876	0.877	0.876
0.878				
P5Q3AJ	0.883	0.883	0.884	0.883
0.877				
P5Q3BC	0.879	0.879	0.880	0.880
0.873				
P5Q3BN	0.884	0.884	0.884	0.883
0.877				
P5Q3CF	0.883	0.883	0.883	0.882
0.877				
P5Q3CG	0.883	0.883	0.883	0.882
0.876				
P5Q3CH	0.879	0.879	0.879	0.878
0.872				
P5Q3CI	0.882	0.882	0.882	0.882
0.876				
P5Q3CN	0.883	0.883	0.883	0.883
0.876				
P5Q3CO	0.883	0.883	0.883	0.883
0.876				
P5Q3CQ	0.883	0.883	0.884	0.883
0.877				
P5Q3CW	0.884	0.884	0.884	0.883
0.877				

Covariance Coverage

	P5Q3AJ	P5Q3BC	P5Q3BN	P5Q3CF
P5Q3CG				
	_____	_____	_____	_____
_____				
P5Q3AJ	0.885			
P5Q3BC	0.881	0.882		

	P5Q3BN	P5Q3CF	P5Q3CG	P5Q3CH
P5Q3BN	0.884	0.880	0.886	
P5Q3CF	0.883	0.880	0.884	0.885
P5Q3CG	0.883	0.880	0.884	0.884
0.885				
P5Q3CH	0.879	0.876	0.880	0.880
0.880				
P5Q3CI	0.883	0.879	0.883	0.884
0.884				
P5Q3CN	0.884	0.880	0.884	0.884
0.884				
P5Q3CO	0.884	0.880	0.884	0.884
0.884				
P5Q3CQ	0.884	0.880	0.884	0.884
0.884				
P5Q3CW	0.884	0.880	0.884	0.885
0.885				

Covariance Coverage

	P5Q3CH	P5Q3CI	P5Q3CN	P5Q3CO
P5Q3CQ				
P5Q3CH	0.881			
P5Q3CI	0.879	0.885		
P5Q3CN	0.880	0.884	0.886	
P5Q3CO	0.880	0.884	0.885	0.886
P5Q3CQ	0.880	0.884	0.885	0.885
0.886				
P5Q3CW	0.880	0.884	0.885	0.885
0.885				

Covariance Coverage

	P5Q3CW
P5Q3CW	0.886

UNIVARIATE PROPORTIONS AND COUNTS FOR CATEGORICAL VARIABLES

```
    K6B1A_R
      Category 1     0.046          146.000
      Category 2     0.079          251.000
      Category 3     0.404         1289.000
      Category 4     0.472         1507.000
    K6B1B_R
      Category 1     0.034          110.000
      Category 2     0.070          224.000
      Category 3     0.332         1059.000
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      Category 4      0.563          1798.000
K6B1C_R
  Category 1      0.055           174.000
  Category 2      0.060           192.000
  Category 3      0.316          1008.000
  Category 4      0.569          1817.000
K6B1D_R
  Category 1      0.023            73.000
  Category 2      0.039           123.000
  Category 3      0.236           754.000
  Category 4      0.702          2239.000
K5E1A
  Category 1      0.096           273.000
  Category 2      0.086           246.000
  Category 3      0.082           234.000
  Category 4      0.149           424.000
  Category 5      0.588          1677.000
K5E1B
  Category 1      0.128           369.000
  Category 2      0.104           298.000
  Category 3      0.098           282.000
  Category 4      0.178           511.000
  Category 5      0.492          1413.000
K5E1C
  Category 1      0.092           266.000
  Category 2      0.073           211.000
  Category 3      0.085           246.000
  Category 4      0.160           462.000
  Category 5      0.590          1702.000
K5E1D
  Category 1      0.062           178.000
  Category 2      0.045           130.000
  Category 3      0.050           144.000
  Category 4      0.109           313.000
  Category 5      0.734          2110.000
K6D2AG_R
  Category 1      0.556          1802.000
  Category 2      0.195           633.000
  Category 3      0.201           653.000
  Category 4      0.048           154.000
K6D2AI_R
  Category 1      0.577          1869.000
  Category 2      0.191           619.000
  Category 3      0.162           523.000
  Category 4      0.070           226.000
K6D2D_R
  Category 1      0.592          1913.000
  Category 2      0.186           600.000
  Category 3      0.167           538.000
  Category 4      0.055           178.000
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K6D2J_R
   Category 1      0.313         1001.000
   Category 2      0.270          862.000
   Category 3      0.334         1069.000
   Category 4      0.083          265.000
K6D2T_R
   Category 1      0.647         2098.000
   Category 2      0.144          468.000
   Category 3      0.153          497.000
   Category 4      0.055          179.000
K6D2AC_R
   Category 1      0.690         2235.000
   Category 2      0.134          435.000
   Category 3      0.140          452.000
   Category 4      0.036          118.000
K6D2AK_R
   Category 1      0.494         1602.000
   Category 2      0.204          660.000
   Category 3      0.220          714.000
   Category 4      0.081          264.000
K6D2C_R
   Category 1      0.394         1266.000
   Category 2      0.187          599.000
   Category 3      0.304          977.000
   Category 4      0.115          369.000
K6D2N_R
   Category 1      0.588         1905.000
   Category 2      0.198          641.000
   Category 3      0.174          562.000
   Category 4      0.040          130.000
K6D2X_R
   Category 1      0.846         2740.000
   Category 2      0.079          257.000
   Category 3      0.060          196.000
   Category 4      0.015           47.000
K6D2A_R
   Category 1      0.175          568.000
   Category 2      0.190          615.000
   Category 3      0.459         1488.000
   Category 4      0.176          572.000
K6D2P_R
   Category 1      0.260          842.000
   Category 2      0.222          720.000
   Category 3      0.373         1209.000
   Category 4      0.146          472.000
K6D2R_R
   Category 1      0.176          569.000
   Category 2      0.243          786.000
   Category 3      0.440         1426.000
   Category 4      0.142          459.000
```

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K6D2Z_R
   Category 1      0.192            623.000
   Category 2      0.205            666.000
   Category 3      0.448           1453.000
   Category 4      0.154            500.000
K6D2AB_R
   Category 1      0.206            668.000
   Category 2      0.223            723.000
   Category 3      0.373           1210.000
   Category 4      0.198            642.000
K6D2AJ_R
   Category 1      0.409           1326.000
   Category 2      0.198            643.000
   Category 3      0.272            882.000
   Category 4      0.120            390.000
K6D61C
   Category 1      0.919           2974.000
   Category 2      0.065            210.000
   Category 3      0.008             27.000
   Category 4      0.007             24.000
K6D61D
   Category 1      0.750           2427.000
   Category 2      0.189            610.000
   Category 3      0.037            119.000
   Category 4      0.024             79.000
K6D61E
   Category 1      0.904           2924.000
   Category 2      0.078            251.000
   Category 3      0.011             35.000
   Category 4      0.007             23.000
K6D61K
   Category 1      0.909           2940.000
   Category 2      0.074            240.000
   Category 3      0.008             25.000
   Category 4      0.009             28.000
K6D61L
   Category 1      0.874           2829.000
   Category 2      0.101            327.000
   Category 3      0.014             45.000
   Category 4      0.011             34.000
K6D61M
   Category 1      0.729           2355.000
   Category 2      0.204            659.000
   Category 3      0.036            117.000
   Category 4      0.030             98.000
K6D40_R
   Category 1      0.946           3060.000
   Category 2      0.054            176.000
K6D48_R
   Category 1      0.831           2689.000
```

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    Category 2      0.169            546.000
K6F63_R
    Category 1      0.781           2523.000
    Category 2      0.219            707.000
K6F68_R
    Category 1      0.985           3180.000
    Category 2      0.015             50.000
K6F74_R
    Category 1      0.980           3167.000
    Category 2      0.020             64.000
K6D2B_R
    Category 1      0.018             58.000
    Category 2      0.029             95.000
    Category 3      0.204            661.000
    Category 4      0.749           2428.000
K6D2F_R
    Category 1      0.029             95.000
    Category 2      0.052            168.000
    Category 3      0.361           1170.000
    Category 4      0.558           1810.000
K6D2G_R
    Category 1      0.014             46.000
    Category 2      0.013             43.000
    Category 3      0.148            481.000
    Category 4      0.824           2674.000
K6D2I_R
    Category 1      0.026             85.000
    Category 2      0.082            267.000
    Category 3      0.447           1448.000
    Category 4      0.445           1441.000
K6D2K_R
    Category 1      0.019             62.000
    Category 2      0.068            222.000
    Category 3      0.431           1399.000
    Category 4      0.481           1560.000
K6D2L_R
    Category 1      0.005             17.000
    Category 2      0.010             32.000
    Category 3      0.096            312.000
    Category 4      0.889           2883.000
K6D2M_R
    Category 1      0.011             36.000
    Category 2      0.045            146.000
    Category 3      0.448           1452.000
    Category 4      0.496           1610.000
K6D20_R
    Category 1      0.064            209.000
    Category 2      0.053            171.000
    Category 3      0.276            895.000
    Category 4      0.607           1966.000
```

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K6D2S_R
   Category 1      0.015            48.000
   Category 2      0.038           124.000
   Category 3      0.287           932.000
   Category 4      0.660          2140.000
K6D2V_R
   Category 1      0.008            27.000
   Category 2      0.021            68.000
   Category 3      0.351          1139.000
   Category 4      0.620          2010.000
K6D2W_R
   Category 1      0.016            52.000
   Category 2      0.059           190.000
   Category 3      0.360          1167.000
   Category 4      0.566          1834.000
K6D2Y_R
   Category 1      0.017            54.000
   Category 2      0.033           108.000
   Category 3      0.201           651.000
   Category 4      0.749          2429.000
K6D2AA_R
   Category 1      0.014            47.000
   Category 2      0.036           117.000
   Category 3      0.284           922.000
   Category 4      0.665          2158.000
K6D2AE_R
   Category 1      0.028            90.000
   Category 2      0.093           300.000
   Category 3      0.499          1616.000
   Category 4      0.380          1232.000
K6D2AF_R
   Category 1      0.012            39.000
   Category 2      0.015            49.000
   Category 3      0.182           591.000
   Category 4      0.791          2564.000
K6D2AH_R
   Category 1      0.029            94.000
   Category 2      0.040           127.000
   Category 3      0.328          1051.000
   Category 4      0.603          1932.000
P5Q3M
   Category 1      0.832          2386.000
   Category 2      0.145           416.000
   Category 3      0.023            66.000
P5Q3AB
   Category 1      0.690          1979.000
   Category 2      0.283           810.000
   Category 3      0.027            78.000
P5Q3AD
   Category 1      0.865          2478.000
```

```
        Category 2       0.120              344.000
        Category 3       0.015               43.000
P5Q3AF
        Category 1       0.887             2546.000
        Category 2       0.101              291.000
        Category 3       0.011               32.000
P5Q3AH
        Category 1       0.944             2711.000
        Category 2       0.050              144.000
        Category 3       0.006               18.000
P5Q3AR
        Category 1       0.908             2607.000
        Category 2       0.083              239.000
        Category 3       0.009               26.000
P5Q3AV
        Category 1       0.885             2543.000
        Category 2       0.105              301.000
        Category 3       0.010               29.000
P5Q3AX
        Category 1       0.947             2722.000
        Category 2       0.049              140.000
        Category 3       0.004               12.000
P5Q3BQ
        Category 1       0.609             1747.000
        Category 2       0.359             1029.000
        Category 3       0.032               93.000
P5Q3CK
        Category 1       0.979             2817.000
        Category 2       0.016               46.000
        Category 3       0.005               13.000
P5Q3DB
        Category 1       0.674             1912.000
        Category 2       0.294              835.000
        Category 3       0.032               91.000
P5Q3E
        Category 1       0.852             2433.000
        Category 2       0.121              347.000
        Category 3       0.027               77.000
P5Q3A0
        Category 1       0.845             2425.000
        Category 2       0.137              394.000
        Category 3       0.018               51.000
P5Q3BK
        Category 1       0.890             2552.000
        Category 2       0.100              287.000
        Category 3       0.010               29.000
P5Q3B0
        Category 1       0.805             2314.000
        Category 2       0.180              518.000
        Category 3       0.015               44.000
```

```
P5Q3CU
   Category 1      0.920          2644.000
   Category 2      0.068           196.000
   Category 3      0.011            33.000
P5Q3DA
   Category 1      0.914          2619.000
   Category 2      0.079           227.000
   Category 3      0.006            18.000
P5Q3AS
   Category 1      0.781          2244.000
   Category 2      0.211           606.000
   Category 3      0.008            22.000
P5Q3AU
   Category 1      0.921          2642.000
   Category 2      0.070           200.000
   Category 3      0.009            26.000
P5Q3AZ
   Category 1      0.934          2683.000
   Category 2      0.057           165.000
   Category 3      0.008            24.000
P5Q3BB1
   Category 1      0.908          2603.000
   Category 2      0.083           238.000
   Category 3      0.009            25.000
P5Q3BB2
   Category 1      0.815          2331.000
   Category 2      0.169           484.000
   Category 3      0.016            46.000
P5Q3BB5
   Category 1      0.858          2451.000
   Category 2      0.115           329.000
   Category 3      0.027            76.000
P5Q3BB6
   Category 1      0.876          2512.000
   Category 2      0.116           334.000
   Category 3      0.008            23.000
P5Q3BB7
   Category 1      0.950          2695.000
   Category 2      0.044           126.000
   Category 3      0.006            16.000
P5Q3X
   Category 1      0.781          2239.000
   Category 2      0.190           545.000
   Category 3      0.029            82.000
P5Q3AA
   Category 1      0.566          1625.000
   Category 2      0.407          1168.000
   Category 3      0.027            77.000
P5Q3AL
   Category 1      0.889          2552.000
```

Category 2	0.103	296.000
Category 3	0.008	24.000
P5Q3AP		
Category 1	0.703	2021.000
Category 2	0.280	805.000
Category 3	0.017	49.000
P5Q3BI		
Category 1	0.599	1720.000
Category 2	0.344	989.000
Category 3	0.056	162.000
P5Q3BZ		
Category 1	0.957	2754.000
Category 2	0.035	100.000
Category 3	0.008	23.000
P5Q3CJ		
Category 1	0.940	2701.000
Category 2	0.054	155.000
Category 3	0.006	17.000
P5Q3C		
Category 1	0.504	1436.000
Category 2	0.402	1144.000
Category 3	0.094	267.000
P5Q3O		
Category 1	0.871	2496.000
Category 2	0.113	324.000
Category 3	0.016	47.000
P5Q3R		
Category 1	0.603	1732.000
Category 2	0.315	906.000
Category 3	0.081	234.000
P5Q3S		
Category 1	0.850	2442.000
Category 2	0.125	359.000
Category 3	0.025	71.000
P5Q3T		
Category 1	0.846	2429.000
Category 2	0.140	402.000
Category 3	0.014	41.000
P5Q3U		
Category 1	0.535	1536.000
Category 2	0.435	1249.000
Category 3	0.030	85.000
P5Q3V		
Category 1	0.715	2038.000
Category 2	0.262	747.000
Category 3	0.023	65.000
P5Q3AJ		
Category 1	0.915	2630.000
Category 2	0.073	211.000
Category 3	0.011	32.000

P5Q3BC
   Category 1   0.949   2716.000
   Category 2   0.044   127.000
   Category 3   0.007   19.000
P5Q3BN
   Category 1   0.823   2366.000
   Category 2   0.153   440.000
   Category 3   0.024   69.000
P5Q3CF
   Category 1   0.683   1964.000
   Category 2   0.289   830.000
   Category 3   0.028   80.000
P5Q3CG
   Category 1   0.735   2113.000
   Category 2   0.243   699.000
   Category 3   0.022   62.000
P5Q3CH
   Category 1   0.864   2472.000
   Category 2   0.124   354.000
   Category 3   0.012   34.000
P5Q3CI
   Category 1   0.905   2600.000
   Category 2   0.088   252.000
   Category 3   0.007   20.000
P5Q3CN
   Category 1   0.831   2390.000
   Category 2   0.155   447.000
   Category 3   0.013   38.000
P5Q3CO
   Category 1   0.712   2048.000
   Category 2   0.242   697.000
   Category 3   0.045   130.000
P5Q3CQ
   Category 1   0.956   2749.000
   Category 2   0.037   106.000
   Category 3   0.007   20.000
P5Q3CW
   Category 1   0.788   2266.000
   Category 2   0.181   521.000
   Category 3   0.031   89.000

SAMPLE STATISTICS

  ESTIMATED SAMPLE STATISTICS

     MEANS/INTERCEPTS/THRESHOLDS
       K6B1A_R$ K6B1A_R$ K6B1A_R$ K6B1B_R$

```
K6B1B_R$
_____
_____                -1.796         -1.246          0.017         -1.901
-1.329


              MEANS/INTERCEPTS/THRESHOLDS
                 K6B1B_R$       K6B1C_R$       K6B1C_R$       K6B1C_R$
K6B1D_R$
_____
_____                -0.217         -1.652         -1.243         -0.193
-1.855


              MEANS/INTERCEPTS/THRESHOLDS
                 K6B1D_R$       K6B1D_R$       K5E1A$1        K5E1A$2
K5E1A$3
_____
_____                -1.392         -0.361         -1.265         -0.865
-0.587


              MEANS/INTERCEPTS/THRESHOLDS
                 K5E1A$4        K5E1B$1        K5E1B$2        K5E1B$3
K5E1B$4
_____
_____                -0.175         -0.970         -0.565         -0.271
0.190


              MEANS/INTERCEPTS/THRESHOLDS
                 K5E1C$1        K5E1C$2        K5E1C$3        K5E1C$4
K5E1D$1
_____
_____                -1.288         -0.931         -0.629         -0.178
-1.301


              MEANS/INTERCEPTS/THRESHOLDS
                 K5E1D$2        K5E1D$3        K5E1D$4        K6D2AG_R
K6D2AG_R
_____
_____                -1.001         -0.762         -0.376          0.203
0.749
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                    MEANS/INTERCEPTS/THRESHOLDS
                      K6D2AG_R        K6D2AI_R        K6D2AI_R        K6D2AI_R
     K6D2D_R$
                      _____        _____        _____        _____
     _____
                        1.757           0.218           0.763           1.511
     0.278


                    MEANS/INTERCEPTS/THRESHOLDS
                      K6D2D_R$        K6D2D_R$        K6D2J_R$        K6D2J_R$
     K6D2J_R$
                      _____        _____        _____        _____
     _____
                        0.819           1.664          -0.598           0.102
     1.282


                    MEANS/INTERCEPTS/THRESHOLDS
                      K6D2T_R$        K6D2T_R$        K6D2T_R$        K6D2AC_R
     K6D2AC_R
                      _____        _____        _____        _____
     _____
                        0.502           0.946           1.748           0.367
     0.813


                    MEANS/INTERCEPTS/THRESHOLDS
                      K6D2AC_R        K6D2AK_R        K6D2AK_R        K6D2AK_R
     K6D2C_R$
                      _____        _____        _____        _____
     _____
                        1.694          -0.339           0.203           1.092
     -0.418


                    MEANS/INTERCEPTS/THRESHOLDS
                      K6D2C_R$        K6D2C_R$        K6D2N_R$        K6D2N_R$
     K6D2N_R$
                      _____        _____        _____        _____
     _____
                        0.063           1.079           0.182           0.765
     1.737


                    MEANS/INTERCEPTS/THRESHOLDS
                      K6D2X_R$        K6D2X_R$        K6D2X_R$        K6D2A_R$
     K6D2A_R$
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                 _____   _____   _____   _____
                   0.950      1.377      2.130     -1.019
_____
 -0.427


                 MEANS/INTERCEPTS/THRESHOLDS
                 K6D2A_R$   K6D2P_R$   K6D2P_R$   K6D2P_R$
K6D2R_R$
_____
                 _____   _____   _____   _____
 -1.157            0.860     -0.882     -0.279      0.835


                 MEANS/INTERCEPTS/THRESHOLDS
                 K6D2R_R$   K6D2R_R$   K6D2Z_R$   K6D2Z_R$
K6D2Z_R$
_____
                 _____   _____   _____   _____
  0.812           -0.423      0.876     -1.111     -0.492


                 MEANS/INTERCEPTS/THRESHOLDS
                 K6D2AB_R   K6D2AB_R   K6D2AB_R   K6D2AJ_R
K6D2AJ_R
_____
                 _____   _____   _____   _____
  0.050           -0.836     -0.190      0.850     -0.464


                 MEANS/INTERCEPTS/THRESHOLDS
                 K6D2AJ_R   K6D61C$1   K6D61C$2   K6D61C$3
K6D61D$1
_____
                 _____   _____   _____   _____
  0.171            0.971      1.195      1.968      2.263


                 MEANS/INTERCEPTS/THRESHOLDS
                 K6D61D$2   K6D61D$3   K6D61E$1   K6D61E$2
K6D61E$3
_____
                 _____   _____   _____   _____
  2.166            1.114      1.567      0.965      1.794
```

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D61K$1	K6D61K$2	K6D61K$3	K6D61L$1
K6D61L$2				
_____	_____	_____	_____	_____
1.596	1.259	2.075	2.326	0.719

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D61L$3	K6D61M$1	K6D61M$2	K6D61M$3
K6D40_R$				
_____	_____	_____	_____	_____
1.025	1.957	0.394	1.290	1.665

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D48_R$	K6F63_R$	K6F68_R$	K6F74_R$
K6D2B_R$				
_____	_____	_____	_____	_____
−2.127	0.797	0.569	1.952	1.969

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2B_R$	K6D2B_R$	K6D2F_R$	K6D2F_R$
K6D2F_R$				
_____	_____	_____	_____	_____
−0.055	−1.700	−0.676	−1.812	−1.316

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2G_R$	K6D2G_R$	K6D2G_R$	K6D2I_R$
K6D2I_R$				
_____	_____	_____	_____	_____
−1.166	−2.129	−1.854	−0.852	−1.874

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2I_R$	K6D2K_R$	K6D2K_R$	K6D2K_R$
K6D2L_R$				
	_____	_____	_____	_____

_____	0.216	−2.188	−1.464	−0.036
−2.395				

MEANS/INTERCEPTS/THRESHOLDS

	K6D2L_R$	K6D2L_R$	K6D2M_R$	K6D2M_R$
K6D2M_R$	_____	_____	_____	_____
_____	−2.005	−1.051	−2.216	−1.512
0.106				

MEANS/INTERCEPTS/THRESHOLDS

	K6D2O_R$	K6D2O_R$	K6D2O_R$	K6D2S_R$
K6D2S_R$	_____	_____	_____	_____
_____	−1.478	−1.148	−0.211	−2.121
−1.557				

MEANS/INTERCEPTS/THRESHOLDS

	K6D2S_R$	K6D2V_R$	K6D2V_R$	K6D2V_R$
K6D2W_R$	_____	_____	_____	_____
_____	−0.331	−2.340	−1.834	−0.220
−2.080				

MEANS/INTERCEPTS/THRESHOLDS

	K6D2W_R$	K6D2W_R$	K6D2Y_R$	K6D2Y_R$
K6D2Y_R$	_____	_____	_____	_____
_____	−1.369	−0.068	−2.051	−1.565
−0.585				

MEANS/INTERCEPTS/THRESHOLDS

	K6D2AA_R	K6D2AA_R	K6D2AA_R	K6D2AE_R
K6D2AE_R	_____	_____	_____	_____
_____	−2.218	−1.670	−0.437	−1.888
−1.142				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2AE_R	K6D2AF_R	K6D2AF_R	K6D2AF_R
K6D2AH_R				
	_____	_____	_____	_____
_____				
−1.597	0.364	−2.019	−1.687	−0.565

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2AH_R	K6D2AH_R	P5Q3M$1	P5Q3M$2
P5Q3AB$1				
	_____	_____	_____	_____
_____				
0.713	−1.190	0.044	0.734	1.803

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AB$2	P5Q3AD$1	P5Q3AD$2	P5Q3AF$1
P5Q3AF$2				
	_____	_____	_____	_____
_____				
2.324	2.164	0.838	1.940	1.211

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AH$1	P5Q3AH$2	P5Q3AR$1	P5Q3AR$2
P5Q3AV$1				
	_____	_____	_____	_____
_____				
1.069	1.600	2.553	1.210	2.270

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AV$2	P5Q3AX$1	P5Q3AX$2	P5Q3BQ$1
P5Q3BQ$2				
	_____	_____	_____	_____
_____				
1.846	2.239	1.335	2.394	0.236

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CK$1	P5Q3CK$2	P5Q3DB$1	P5Q3DB$2
P5Q3E$1				
	_____	_____	_____	_____
_____				

	2.036	2.623	0.397	1.864
0.921				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3E$2	P5Q3A0$1	P5Q3A0$2	P5Q3BK$1
P5Q3BK$2				
	_____	_____	_____	_____
_____	1.857	0.831	1.951	1.046
2.169				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3B0$1	P5Q3B0$2	P5Q3CU$1	P5Q3CU$2
P5Q3DA$1				
	_____	_____	_____	_____
_____	0.714	2.064	1.462	2.357
1.213				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3DA$2	P5Q3AS$1	P5Q3AS$2	P5Q3AU$1
P5Q3AU$2				
	_____	_____	_____	_____
_____	2.372	0.815	2.502	1.499
2.472				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3AZ$1	P5Q3AZ$2	P5Q3BB1$	P5Q3BB1$
P5Q3BB2$				
	_____	_____	_____	_____
_____	1.738	2.652	1.176	2.246
0.737				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3BB2$	P5Q3BB5$	P5Q3BB5$	P5Q3BB6$
P5Q3BB6$				
	_____	_____	_____	_____
_____	2.008	1.132	2.013	1.135
2.429				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3BB7$	P5Q3BB7$	P5Q3X$1	P5Q3X$2
P5Q3AA$1	_____	_____	_____	_____
_____	1.620	2.535	0.594	1.778
−0.116				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3AA$2	P5Q3AL$1	P5Q3AL$2	P5Q3AP$1
P5Q3AP$2	_____	_____	_____	_____
_____	1.751	1.027	2.265	0.565
2.257				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3BI$1	P5Q3BI$2	P5Q3BZ$1	P5Q3BZ$2
P5Q3CJ$1	_____	_____	_____	_____
_____	0.254	1.619	1.972	2.703
1.272				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3CJ$2	P5Q3C$1	P5Q3C$2	P5Q3O$1
P5Q3O$2	_____	_____	_____	_____
_____	2.309	−0.178	1.194	0.940
1.979				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3R$1	P5Q3R$2	P5Q3S$1	P5Q3S$2
P5Q3T$1	_____	_____	_____	_____
_____	0.186	1.346	0.718	1.700
0.669				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3T$2	P5Q3U$1	P5Q3U$2	P5Q3V$1
P5Q3V$2	_____	_____	_____	_____
_____	1.918	−0.104	1.773	0.290

1.811

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3AJ$1	P5Q3AJ$2	P5Q3BC$1	P5Q3BC$2
P5Q3BN$1	_____	_____	_____	_____
_____	1.112	2.082	1.344	2.223
0.736				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3BN$2	P5Q3CF$1	P5Q3CF$2	P5Q3CG$1
P5Q3CG$2	_____	_____	_____	_____
_____	1.833	0.302	1.793	0.560
2.024				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3CH$1	P5Q3CH$2	P5Q3CI$1	P5Q3CI$2
P5Q3CN$1	_____	_____	_____	_____
_____	1.017	2.219	1.277	2.477
0.756				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3CN$2	P5Q3CO$1	P5Q3CO$2	P5Q3CQ$1
P5Q3CQ$2	_____	_____	_____	_____
_____	2.063	0.312	1.505	1.499
2.284				

MEANS/INTERCEPTS/THRESHOLDS

	P5Q3CW$1	P5Q3CW$2
	_____	_____
	0.760	1.888

SLOPES

	THREATCO	DEPCOMP	POVCO_AV	RACE_AA
RACE_C	_____	_____	_____	_____
_____				

K6B1A_R	−0.108	−0.146	0.054	−0.132
−0.009				
K6B1B_R	−0.122	−0.113	0.048	−0.078
−0.133				
K6B1C_R	−0.160	−0.124	0.034	−0.062
0.016				
K6B1D_R	−0.076	−0.106	0.070	−0.005
0.111				
K5E1A	−0.102	−0.004	0.020	−0.040
−0.148				
K5E1B	0.000	−0.048	0.015	0.040
0.104				
K5E1C	−0.037	−0.090	−0.002	−0.038
−0.165				
K5E1D	−0.053	−0.096	0.044	0.115
0.194				
K6D2AG_R	0.062	0.159	−0.016	−0.113
0.119				
K6D2AI_R	0.031	0.099	−0.023	−0.017
−0.065				
K6D2D_R	0.159	−0.018	−0.040	−0.060
0.062				
K6D2J_R	0.094	0.046	−0.019	−0.169
0.023				
K6D2T_R	0.063	0.060	−0.030	−0.074
0.113				
K6D2AC_R	0.058	0.209	−0.047	−0.240
−0.029				
K6D2AK_R	0.120	0.066	−0.038	−0.192
0.046				
K6D2C_R	0.108	0.084	−0.058	−0.074
−0.161				
K6D2N_R	0.106	0.171	−0.022	−0.229
0.083				
K6D2X_R	0.053	0.106	−0.045	−0.113
−0.045				
K6D2A_R	0.119	0.009	−0.044	0.007
0.011				
K6D2P_R	0.194	−0.016	−0.031	−0.163
−0.148				
K6D2R_R	0.141	0.018	−0.054	−0.076
−0.124				
K6D2Z_R	0.103	−0.037	−0.062	0.010
−0.127				
K6D2AB_R	0.154	0.010	−0.027	−0.011
−0.019				
K6D2AJ_R	0.265	−0.011	−0.046	−0.053
−0.135				
K6D61C	0.220	0.067	−0.089	−0.039
0.094				

K6D61D	0.242	0.025	−0.186	0.098	−0.147
K6D61E	0.194	−0.028	−0.114	0.060	−0.115
K6D61K	0.154	0.149	−0.051	0.062	0.168
K6D61L	0.260	−0.060	−0.138	0.071	−0.266
K6D61M	0.155	0.002	−0.017	−0.138	−0.117
K6D40_R	0.083	0.144	−0.164	−0.512	0.275
K6D48_R	0.166	0.122	−0.017	−0.301	0.036
K6F63_R	0.263	0.030	−0.066	−0.040	−0.049
K6F68_R	0.082	0.281	0.025	−0.510	−0.553
K6F74_R	0.134	0.301	−0.029	−0.224	−0.201
K6D2B_R	−0.036	−0.176	0.005	0.298	0.124
K6D2F_R	−0.014	−0.154	0.006	0.204	−0.036
K6D2G_R	−0.040	−0.127	0.029	−0.147	0.094
K6D2I_R	−0.017	−0.117	−0.009	0.148	−0.098
K6D2K_R	0.003	−0.136	−0.030	0.147	−0.231
K6D2L_R	−0.011	−0.178	0.014	0.204	0.150
K6D2M_R	−0.040	−0.128	−0.017	0.267	−0.050
K6D2O_R	0.030	−0.202	0.017	0.272	−0.178
K6D2S_R	−0.058	−0.176	0.022	0.252	0.079
K6D2V_R	0.035	−0.179	−0.003	0.225	−0.214
K6D2W_R	−0.107	−0.131	−0.022	0.305	−0.099
K6D2Y_R	−0.049	−0.181	0.007	0.132	0.079
K6D2AA_R	−0.005	−0.226	0.023	0.137	−0.059
K6D2AE_R	−0.015	−0.146	−0.030	0.302	−0.087
K6D2AF_R	−0.041	−0.076	0.030	0.139	0.043

K6D2AH_R	−0.092	−0.064	0.034	0.338
0.047				
P5Q3M	0.247	0.204	−0.080	−0.145
0.081				
P5Q3AB	0.130	0.207	−0.012	0.237
0.145				
P5Q3AD	0.091	0.232	−0.057	−0.328
0.001				
P5Q3AF	0.249	0.340	−0.011	−0.255
0.098				
P5Q3AH	0.151	0.383	0.027	−0.235
0.372				
P5Q3AR	0.229	0.168	−0.019	−0.123
0.188				
P5Q3AV	0.149	0.245	−0.029	−0.332
0.306				
P5Q3AX	0.161	0.274	−0.093	−0.257
0.139				
P5Q3BQ	0.301	0.188	−0.015	−0.149
0.237				
P5Q3CK	0.216	0.207	0.001	−0.097
0.315				
P5Q3DB	0.170	0.273	0.036	−0.349
0.353				
P5Q3E	0.001	0.362	−0.119	−0.024
0.027				
P5Q3A0	0.211	0.243	−0.036	−0.113
0.119				
P5Q3BK	0.070	0.317	−0.030	−0.111
−0.232				
P5Q3B0	0.327	0.234	−0.054	−0.123
0.081				
P5Q3CU	0.117	0.338	−0.031	−0.040
0.181				
P5Q3DA	0.267	0.199	−0.044	−0.161
0.042				
P5Q3AS	0.235	0.213	−0.015	−0.111
0.235				
P5Q3AU	−0.132	0.396	−0.010	−0.018
0.228				
P5Q3AZ	0.116	0.344	−0.031	0.181
0.089				
P5Q3BB1	0.149	0.234	−0.060	−0.186
0.166				
P5Q3BB2	0.117	0.159	−0.091	−0.034
0.144				
P5Q3BB5	0.262	0.100	−0.008	0.036
−0.168				
P5Q3BB6	0.132	0.280	−0.042	−0.182
0.126				

P5Q3BB7	0.205	0.186	−0.068	−0.068
−0.009				
P5Q3X	0.330	0.231	−0.094	−0.058
0.047				
P5Q3AA	0.443	0.093	−0.043	−0.003
0.098				
P5Q3AL	0.308	0.156	−0.059	0.139
−0.044				
P5Q3AP	0.508	0.209	−0.033	0.180
0.278				
P5Q3BI	0.196	0.092	−0.033	0.231
0.196				
P5Q3BZ	0.376	0.147	−0.121	0.410
0.577				
P5Q3CJ	0.380	0.247	−0.106	−0.119
0.149				
P5Q3C	0.448	0.163	−0.002	−0.349
0.269				
P5Q3O	0.291	0.161	−0.077	−0.060
0.164				
P5Q3R	0.320	0.125	−0.027	−0.088
0.108				
P5Q3S	0.328	0.179	−0.130	0.001
0.154				
P5Q3T	0.380	0.211	−0.116	−0.094
0.153				
P5Q3U	0.408	0.188	−0.010	−0.132
0.179				
P5Q3V	0.369	0.093	−0.041	0.095
−0.047				
P5Q3AJ	0.383	0.106	−0.101	0.099
−0.069				
P5Q3BC	0.372	0.105	−0.066	−0.105
−0.064				
P5Q3BN	0.299	0.238	−0.099	−0.218
0.146				
P5Q3CF	0.403	0.185	−0.037	−0.187
0.200				
P5Q3CG	0.374	0.199	−0.101	0.051
0.238				
P5Q3CH	0.238	0.294	−0.022	−0.157
0.145				
P5Q3CI	0.179	0.282	−0.096	0.056
0.130				
P5Q3CN	0.344	0.180	−0.069	−0.082
0.172				
P5Q3C0	0.414	0.191	−0.059	−0.136
0.176				
P5Q3CQ	0.354	0.113	−0.092	−0.029
0.343				

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     P5Q3CW          0.438           0.128          −0.101          0.082
0.419
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                  SLOPES
                   RACE_L          CM1BSEX
                  _____        _____
      K6B1A_R       0.085          −0.253
      K6B1B_R      −0.071          −0.156
      K6B1C_R       0.134          −0.184
      K6B1D_R       0.127          −0.029
      K5E1A        −0.047           0.134
      K5E1B         0.080           0.167
      K5E1C         0.019           0.197
      K5E1D         0.168           0.064
      K6D2AG_R      0.066           0.230
      K6D2AI_R      0.118           0.124
      K6D2D_R       0.041           0.272
      K6D2J_R      −0.043           0.039
      K6D2T_R       0.094           0.355
      K6D2AC_R     −0.186           0.262
      K6D2AK_R     −0.139          −0.257
      K6D2C_R      −0.076           0.126
      K6D2N_R      −0.090           0.245
      K6D2X_R       0.087           0.114
      K6D2A_R       0.061          −0.014
      K6D2P_R      −0.186          −0.027
      K6D2R_R      −0.130          −0.016
      K6D2Z_R      −0.046          −0.135
      K6D2AB_R     −0.057           0.147
      K6D2AJ_R     −0.098          −0.120
      K6D61C        0.101          −0.178
      K6D61D       −0.218          −0.341
      K6D61E       −0.036          −0.357
      K6D61K        0.145          −0.199
      K6D61L       −0.215          −0.352
      K6D61M       −0.236          −0.080
      K6D40_R      −0.072          −0.268
      K6D48_R       0.093          −0.060
      K6F63_R       0.009          −0.130
      K6F68_R      −0.001          −0.026
      K6F74_R       0.148          −0.008
      K6D2B_R       0.092          −0.379
      K6D2F_R       0.060          −0.056
      K6D2G_R       0.000           0.188
      K6D2I_R       0.116           0.026
      K6D2K_R       0.043          −0.127
      K6D2L_R       0.242          −0.078
      K6D2M_R       0.242          −0.102
      K6D2O_R      −0.035          −0.120
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K6D2S_R	0.164	−0.277
K6D2V_R	−0.027	0.066
K6D2W_R	0.206	−0.074
K6D2Y_R	0.089	−0.050
K6D2AA_R	0.086	−0.262
K6D2AE_R	0.121	−0.089
K6D2AF_R	0.140	0.155
K6D2AH_R	0.142	0.056
P5Q3M	−0.077	−0.045
P5Q3AB	0.250	0.051
P5Q3AD	0.083	−0.084
P5Q3AF	0.168	0.057
P5Q3AH	0.008	−0.161
P5Q3AR	0.038	−0.189
P5Q3AV	0.180	−0.129
P5Q3AX	−0.082	−0.063
P5Q3BQ	−0.025	0.035
P5Q3CK	0.175	−0.281
P5Q3DB	−0.073	−0.047
P5Q3E	0.395	−0.096
P5Q3A0	0.001	−0.225
P5Q3BK	−0.056	−0.091
P5Q3B0	−0.161	0.030
P5Q3CU	0.152	0.058
P5Q3DA	−0.104	−0.016
P5Q3AS	0.059	0.097
P5Q3AU	0.114	0.029
P5Q3AZ	0.414	0.042
P5Q3BB1	−0.061	0.028
P5Q3BB2	−0.051	0.017
P5Q3BB5	0.007	0.122
P5Q3BB6	−0.044	0.232
P5Q3BB7	0.087	0.154
P5Q3X	0.101	−0.089
P5Q3AA	−0.205	−0.360
P5Q3AL	−0.214	−0.339
P5Q3AP	0.109	−0.214
P5Q3BI	−0.058	−0.150
P5Q3BZ	0.327	−0.004
P5Q3CJ	0.120	−0.429
P5Q3C	−0.097	−0.081
P5Q3O	−0.227	−0.042
P5Q3R	−0.104	0.043
P5Q3S	−0.093	−0.288
P5Q3T	−0.152	−0.277
P5Q3U	−0.190	−0.200
P5Q3V	−0.236	−0.448
P5Q3AJ	−0.173	−0.353
P5Q3BC	−0.116	−0.313
P5Q3BN	0.048	0.062

P5Q3CF	−0.160	−0.054
P5Q3CG	0.047	0.034
P5Q3CH	0.076	−0.091
P5Q3CI	0.257	−0.039
P5Q3CN	−0.180	−0.111
P5Q3CO	−0.072	−0.220
P5Q3CQ	−0.233	−0.220
P5Q3CW	0.126	−0.057

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6B1A_R	K6B1B_R	K6B1C_R	K6B1D_R	K5E1A
K6B1A_R					
K6B1B_R	0.537				
K6B1C_R	0.500	0.571			
K6B1D_R	0.403	0.447	0.471		
K5E1A	0.081	0.108	0.094	0.049	
K5E1B	0.113	0.145	0.087	0.051	0.487
K5E1C	0.156	0.149	0.165	0.104	0.496
K5E1D	0.133	0.059	0.117	0.120	0.466
K6D2AG_R	−0.164	−0.235	−0.184	−0.185	−0.069
K6D2AI_R	−0.091	−0.150	−0.119	−0.149	−0.030
K6D2D_R	−0.087	−0.176	−0.157	−0.191	−0.061
K6D2J_R	−0.113	−0.149	−0.163	−0.167	−0.075
K6D2T_R	−0.136	−0.168	−0.187	−0.171	−0.050
K6D2AC_R	−0.275	−0.297	−0.324	−0.273	−0.080
K6D2AK_R	−0.103	−0.158	−0.172	−0.162	−0.056
K6D2C_R	−0.124	−0.163	−0.164	−0.145	−0.056
K6D2N_R	−0.198	−0.267	−0.280	−0.254	−0.093
K6D2X_R	−0.222	−0.269	−0.276	−0.246	−0.122
K6D2A_R	−0.043	−0.099	−0.087	−0.089	−0.026
K6D2P_R	−0.078	−0.117	−0.196	−0.083	−0.026

K6D2R_R	−0.063	−0.092	−0.121	−0.094
−0.039				
K6D2Z_R	−0.046	−0.069	−0.087	−0.064
−0.030				
K6D2AB_R	−0.032	−0.082	−0.160	−0.071
−0.026				
K6D2AJ_R	−0.107	−0.170	−0.216	−0.132
−0.045				
K6D61C	−0.201	−0.222	−0.195	−0.189
−0.021				
K6D61D	−0.153	−0.167	−0.195	−0.165
−0.048				
K6D61E	−0.157	−0.170	−0.190	−0.137
−0.080				
K6D61K	−0.177	−0.210	−0.205	−0.170
−0.057				
K6D61L	−0.072	−0.125	−0.107	−0.162
−0.036				
K6D61M	−0.053	−0.166	−0.157	−0.114
−0.038				
K6D40_R	−0.198	−0.230	−0.282	−0.082
−0.081				
K6D48_R	−0.099	−0.148	−0.190	−0.106
−0.028				
K6F63_R	−0.168	−0.197	−0.270	−0.140
−0.069				
K6F68_R	−0.155	−0.116	−0.194	−0.055
−0.021				
K6F74_R	−0.111	−0.115	−0.171	−0.204
−0.092				
K6D2B_R	0.288	0.356	0.357	0.325
0.086				
K6D2F_R	0.330	0.342	0.328	0.225
0.116				
K6D2G_R	0.387	0.267	0.254	0.227
0.067				
K6D2I_R	0.134	0.233	0.256	0.133
0.036				
K6D2K_R	0.165	0.238	0.173	0.118
0.083				
K6D2L_R	0.315	0.327	0.353	0.347
0.109				
K6D2M_R	0.141	0.241	0.228	0.129
0.064				
K6D2O_R	0.196	0.231	0.194	0.209
0.058				
K6D2S_R	0.320	0.373	0.392	0.319
0.140				
K6D2V_R	0.198	0.256	0.231	0.182
0.082				

K6D2W_R	0.155	0.258	0.245	0.207
0.065				
K6D2Y_R	0.262	0.285	0.276	0.276
0.090				
K6D2AA_R	0.372	0.375	0.323	0.283
0.096				
K6D2AE_R	0.158	0.173	0.171	0.152
0.045				
K6D2AF_R	0.298	0.283	0.261	0.255
0.056				
K6D2AH_R	0.158	0.197	0.179	0.148
0.089				
P5Q3M	−0.088	−0.068	−0.100	−0.079
−0.108				
P5Q3AB	0.000	−0.017	−0.015	−0.031
−0.044				
P5Q3AD	0.035	−0.023	0.005	−0.036
−0.036				
P5Q3AF	0.007	−0.068	−0.108	−0.092
−0.061				
P5Q3AH	−0.071	−0.019	−0.150	−0.050
−0.080				
P5Q3AR	−0.023	−0.038	−0.029	−0.022
−0.052				
P5Q3AV	0.018	−0.007	−0.037	−0.022
−0.012				
P5Q3AX	0.001	−0.003	−0.064	−0.033
−0.033				
P5Q3BQ	−0.023	−0.044	−0.006	−0.060
−0.054				
P5Q3CK	−0.037	−0.082	−0.070	−0.012
−0.026				
P5Q3DB	−0.046	0.010	−0.034	0.019
−0.047				
P5Q3E	−0.048	−0.035	−0.029	−0.042
−0.032				
P5Q3A0	−0.050	−0.034	−0.007	−0.064
−0.096				
P5Q3BK	0.002	−0.029	−0.024	−0.042
−0.056				
P5Q3B0	−0.010	−0.035	−0.055	−0.030
−0.107				
P5Q3CU	−0.028	−0.037	−0.033	−0.024
−0.052				
P5Q3DA	−0.026	−0.066	−0.026	−0.024
−0.068				
P5Q3AS	−0.049	−0.050	−0.090	−0.008
−0.044				
P5Q3AU	0.043	−0.033	0.006	−0.048
−0.050				

P5Q3AZ	0.021	0.007	−0.029	0.016
−0.072				
P5Q3BB1	−0.020	0.009	−0.030	−0.066
−0.036				
P5Q3BB2	0.021	0.017	−0.033	−0.072
−0.026				
P5Q3BB5	−0.006	−0.052	−0.041	−0.020
−0.069				
P5Q3BB6	0.022	−0.056	−0.008	−0.052
−0.049				
P5Q3BB7	0.060	−0.036	−0.002	−0.051
0.013				
P5Q3X	−0.014	−0.024	−0.019	−0.069
−0.065				
P5Q3AA	−0.012	−0.034	−0.080	−0.056
−0.107				
P5Q3AL	0.004	−0.031	−0.037	−0.035
−0.055				
P5Q3AP	−0.037	−0.022	−0.071	−0.078
−0.093				
P5Q3BI	−0.015	−0.033	−0.011	−0.022
−0.063				
P5Q3BZ	−0.006	−0.080	−0.092	−0.046
−0.022				
P5Q3CJ	0.027	0.014	−0.005	−0.067
0.006				
P5Q3C	−0.066	−0.056	−0.086	−0.031
−0.056				
P5Q30	−0.023	−0.062	−0.070	−0.034
−0.078				
P5Q3R	−0.059	−0.056	−0.057	−0.046
−0.064				
P5Q3S	−0.057	−0.070	−0.080	−0.078
−0.062				
P5Q3T	−0.056	−0.039	−0.044	−0.071
−0.095				
P5Q3U	−0.008	−0.040	−0.057	−0.039
−0.088				
P5Q3V	−0.055	−0.059	−0.078	−0.058
−0.157				
P5Q3AJ	−0.010	−0.082	−0.080	−0.065
−0.036				
P5Q3BC	−0.002	−0.050	−0.086	−0.019
−0.001				
P5Q3BN	−0.061	−0.048	−0.073	−0.038
−0.044				
P5Q3CF	−0.054	−0.086	−0.068	−0.079
−0.106				
P5Q3CG	−0.044	−0.046	−0.066	−0.051
−0.057				

P5Q3CH	−0.010	−0.016	−0.079	−0.076
	−0.067			
P5Q3CI	−0.044	−0.022	−0.050	−0.046
	−0.056			
P5Q3CN	−0.015	−0.026	−0.042	−0.050
	−0.090			
P5Q3CO	−0.039	−0.063	−0.092	−0.059
	−0.039			
P5Q3CQ	−0.017	−0.083	−0.031	−0.033
	0.008			
P5Q3CW	−0.013	0.008	−0.073	−0.054
	0.002			

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K5E1B	K5E1C	K5E1D	K6D2AG_R	K6D2AI_R
	_____	_____	_____	_____	_____
K5E1C	0.452				
K5E1D	0.387	0.551			
K6D2AG_R	−0.045	−0.061	−0.075		
K6D2AI_R	−0.028	−0.009	−0.043	0.522	
K6D2D_R	−0.034	−0.031	−0.086	0.525	0.409
K6D2J_R	−0.031	−0.038	−0.044	0.474	0.386
K6D2T_R	−0.043	−0.032	−0.098	0.637	0.476
K6D2AC_R	−0.047	−0.104	−0.093	0.620	0.449
K6D2AK_R	−0.050	−0.050	−0.116	0.450	0.344
K6D2C_R	−0.023	−0.031	−0.065	0.432	0.358
K6D2N_R	−0.039	−0.059	−0.075	0.611	0.449
K6D2X_R	−0.074	−0.110	−0.142	0.492	0.404
K6D2A_R	−0.001	−0.010	−0.036	0.192	0.156
K6D2P_R	−0.003	−0.054	−0.055	0.251	0.214
K6D2R_R	−0.012	−0.016	−0.014	0.295	0.254
K6D2Z_R	−0.016	−0.004	−0.071	0.209	0.198
K6D2AB_R	−0.004	−0.047	−0.055	0.237	0.184
K6D2AJ_R	−0.017	−0.077	−0.091	0.282	

Label					
					0.269
K6D61C	−0.030	−0.043	−0.038	0.151	0.076
K6D61D	0.007	−0.047	−0.049	0.113	0.098
K6D61E	0.000	−0.084	−0.057	0.078	0.131
K6D61K	−0.021	−0.072	−0.051	0.124	0.064
K6D61L	0.016	−0.016	−0.078	0.080	0.053
K6D61M	−0.036	−0.044	−0.019	0.189	0.093
K6D40_R	0.025	−0.041	−0.038	0.150	0.045
K6D48_R	0.015	−0.049	−0.014	0.214	0.110
K6F63_R	−0.012	−0.113	−0.045	0.143	0.050
K6F68_R	−0.001	−0.020	0.050	0.219	−0.054
K6F74_R	0.001	−0.036	0.086	0.184	0.024
K6D2B_R	0.088	0.097	0.127	−0.362	−0.238
K6D2F_R	0.080	0.108	0.066	−0.285	−0.205
K6D2G_R	0.079	0.077	0.058	−0.111	−0.147
K6D2I_R	0.030	0.102	0.050	−0.153	−0.095
K6D2K_R	0.093	0.071	0.058	−0.243	−0.142
K6D2L_R	0.050	0.128	0.107	−0.351	−0.262
K6D2M_R	0.054	0.093	0.070	−0.224	−0.106
K6D2O_R	0.074	0.050	0.074	−0.272	−0.196
K6D2S_R	0.103	0.124	0.070	−0.426	−0.301
K6D2V_R	0.088	0.068	0.058	−0.236	−0.162
K6D2W_R	0.067	0.083	0.041	−0.306	−0.200
K6D2Y_R	0.074	0.120	0.066	−0.274	−0.239
K6D2AA_R	0.080	0.106	0.096	−0.313	−0.231
K6D2AE_R	0.084	0.036	0.007	−0.159	

				−0.144
K6D2AF_R	0.061	0.115	0.068	−0.227
				−0.223
K6D2AH_R	0.075	0.076	0.016	−0.213
				−0.169
P5Q3M	−0.081	−0.094	−0.077	0.066
				0.076
P5Q3AB	−0.028	−0.033	−0.048	0.023
				0.019
P5Q3AD	0.003	−0.015	−0.104	0.016
				0.068
P5Q3AF	−0.024	−0.050	−0.052	0.067
				0.060
P5Q3AH	−0.054	−0.095	−0.099	0.101
				0.099
P5Q3AR	−0.033	−0.015	−0.070	0.083
				0.019
P5Q3AV	−0.021	−0.047	−0.080	0.051
				0.051
P5Q3AX	−0.023	−0.051	−0.005	0.020
				−0.015
P5Q3BQ	0.002	−0.079	−0.074	0.046
				0.063
P5Q3CK	−0.065	−0.002	−0.091	0.091
				0.055
P5Q3DB	−0.025	−0.042	−0.053	0.043
				−0.001
P5Q3E	−0.013	−0.002	−0.110	0.048
				0.042
P5Q3A0	−0.137	−0.131	−0.142	0.125
				0.066
P5Q3BK	−0.079	−0.075	−0.087	0.073
				0.030
P5Q3B0	−0.074	−0.119	−0.163	0.089
				0.064
P5Q3CU	−0.090	−0.085	−0.115	0.096
				0.092
P5Q3DA	−0.069	−0.055	−0.098	0.137
				0.080
P5Q3AS	−0.053	−0.084	−0.106	0.073
				0.014
P5Q3AU	−0.024	−0.016	−0.089	0.079
				−0.054
P5Q3AZ	−0.060	−0.109	−0.156	0.134
				0.052
P5Q3BB1	−0.033	−0.029	−0.150	0.072
				0.017
P5Q3BB2	−0.025	−0.059	−0.093	0.044
				0.037
P5Q3BB5	−0.032	0.018	−0.101	−0.015

```
0.009
  P5Q3BB6        0.017         0.005        -0.024         0.040
0.020
  P5Q3BB7        0.042         0.034         0.009         0.063
-0.063
  P5Q3X         -0.028        -0.063        -0.121         0.077
0.041
  P5Q3AA        -0.057        -0.151        -0.093         0.021
0.024
  P5Q3AL        -0.005        -0.078        -0.075        -0.034
0.016
  P5Q3AP        -0.047        -0.134        -0.124         0.039
0.057
  P5Q3BI        -0.014        -0.075        -0.058         0.008
0.018
  P5Q3BZ         0.039         0.007        -0.127         0.112
0.076
  P5Q3CJ        -0.024        -0.065        -0.105         0.114
0.085
  P5Q3C         -0.030        -0.107        -0.086         0.052
0.014
  P5Q3O         -0.087        -0.113        -0.094        -0.002
0.023
  P5Q3R         -0.045        -0.080        -0.090         0.023
-0.001
  P5Q3S         -0.063        -0.099        -0.107        -0.001
0.007
  P5Q3T         -0.068        -0.079        -0.091         0.008
0.063
  P5Q3U         -0.061        -0.096        -0.063        -0.003
-0.003
  P5Q3V         -0.080        -0.169        -0.139        -0.007
-0.010
  P5Q3AJ        -0.071        -0.090        -0.115        -0.051
0.000
  P5Q3BC        -0.006        -0.028        -0.026         0.089
0.069
  P5Q3BN         0.000        -0.075        -0.101         0.057
0.017
  P5Q3CF        -0.061        -0.125        -0.111         0.037
0.022
  P5Q3CG        -0.045        -0.074        -0.136         0.051
-0.010
  P5Q3CH        -0.058        -0.120        -0.097         0.059
-0.010
  P5Q3CI        -0.038        -0.010        -0.126         0.016
0.032
  P5Q3CN        -0.083        -0.095        -0.092         0.041
0.026
  P5Q3CO        -0.025        -0.069        -0.096         0.055
```

```
 0.018
   P5Q3CQ        -0.023         0.004        -0.012         0.046
 0.047
   P5Q3CW         0.021        -0.033        -0.093         0.074
 0.006


              CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
                  K6D2D_R        K6D2J_R        K6D2T_R        K6D2AC_R
 K6D2AK_R

 _____
                  _____       _____       _____       _____
   K6D2J_R        0.446
   K6D2T_R        0.558          0.396
   K6D2AC_R       0.461          0.452          0.517
   K6D2AK_R       0.386          0.345          0.419          0.399
   K6D2C_R        0.494          0.429          0.371          0.464
 0.327
   K6D2N_R        0.487          0.505          0.490          0.742
 0.408
   K6D2X_R        0.394          0.351          0.443          0.648
 0.337
   K6D2A_R        0.267          0.214          0.216          0.164
 0.267
   K6D2P_R        0.265          0.265          0.296          0.274
 0.344
   K6D2R_R        0.286          0.263          0.337          0.253
 0.320
   K6D2Z_R        0.236          0.243          0.267          0.197
 0.302
   K6D2AB_R       0.221          0.226          0.271          0.247
 0.342
   K6D2AJ_R       0.253          0.247          0.305          0.283
 0.464
   K6D61C         0.109          0.033          0.080          0.235
 0.100
   K6D61D         0.105          0.149          0.101          0.221
 0.173
   K6D61E         0.095          0.139          0.098          0.190
 0.146
   K6D61K         0.089          0.046          0.040          0.188
 0.112
   K6D61L         0.084          0.120         -0.015          0.196
 0.169
   K6D61M         0.091          0.164          0.116          0.238
 0.204
   K6D40_R        0.085          0.099          0.107          0.307
 0.094
   K6D48_R        0.114          0.157          0.094          0.255
 0.135
```

K6F63_R	0.075	0.095	0.059	0.264
0.128				
K6F68_R	0.217	0.090	0.119	0.275
0.163				
K6F74_R	0.197	0.118	0.112	0.338
0.157				
K6D2B_R	−0.282	−0.294	−0.283	−0.527
−0.231				
K6D2F_R	−0.209	−0.207	−0.226	−0.425
−0.126				
K6D2G_R	−0.122	−0.080	−0.115	−0.216
−0.061				
K6D2I_R	−0.099	−0.060	−0.129	−0.218
−0.176				
K6D2K_R	−0.116	−0.092	−0.213	−0.265
−0.164				
K6D2L_R	−0.275	−0.217	−0.250	−0.437
−0.199				
K6D2M_R	−0.153	−0.117	−0.209	−0.238
−0.157				
K6D2O_R	−0.223	−0.215	−0.220	−0.324
−0.145				
K6D2S_R	−0.309	−0.338	−0.275	−0.635
−0.241				
K6D2V_R	−0.138	−0.094	−0.217	−0.276
−0.171				
K6D2W_R	−0.194	−0.197	−0.239	−0.356
−0.172				
K6D2Y_R	−0.240	−0.230	−0.234	−0.396
−0.180				
K6D2AA_R	−0.202	−0.229	−0.243	−0.455
−0.132				
K6D2AE_R	−0.103	−0.088	−0.087	−0.209
−0.078				
K6D2AF_R	−0.190	−0.195	−0.193	−0.304
−0.122				
K6D2AH_R	−0.131	−0.143	−0.140	−0.255
−0.108				
P5Q3M	0.075	0.054	0.103	0.042
0.091				
P5Q3AB	0.060	0.008	0.098	0.061
0.000				
P5Q3AD	0.067	0.033	0.051	0.010
0.073				
P5Q3AF	0.063	0.018	0.075	0.116
0.056				
P5Q3AH	0.125	0.073	0.131	0.165
0.170				
P5Q3AR	0.114	0.003	0.077	0.012
0.103				

P5Q3AV	0.110	−0.005	0.128	0.026
0.039				
P5Q3AX	0.088	−0.030	0.009	−0.003
0.083				
P5Q3BQ	0.061	−0.013	0.049	0.092
0.024				
P5Q3CK	0.121	−0.023	0.116	0.159
0.130				
P5Q3DB	0.049	0.014	0.080	0.050
0.040				
P5Q3E	0.054	0.046	0.041	0.089
0.038				
P5Q3A0	0.137	0.063	0.124	0.115
0.130				
P5Q3BK	0.054	0.061	0.009	0.065
0.121				
P5Q3B0	0.061	0.041	0.039	0.091
0.118				
P5Q3CU	0.143	0.023	0.044	0.115
0.063				
P5Q3DA	0.140	0.057	0.137	0.163
0.092				
P5Q3AS	0.079	0.018	0.093	0.126
0.093				
P5Q3AU	0.058	0.055	0.079	0.078
0.050				
P5Q3AZ	0.137	−0.010	0.046	0.077
0.124				
P5Q3BB1	0.092	0.018	0.089	0.111
0.002				
P5Q3BB2	0.034	−0.006	0.003	0.035
0.033				
P5Q3BB5	0.052	0.061	0.041	0.039
0.021				
P5Q3BB6	0.065	0.018	0.045	0.034
−0.030				
P5Q3BB7	0.038	−0.063	−0.019	−0.010
−0.030				
P5Q3X	0.099	0.036	0.083	0.109
0.080				
P5Q3AA	0.065	0.067	0.067	0.071
0.080				
P5Q3AL	0.012	−0.011	−0.044	−0.025
0.067				
P5Q3AP	0.039	0.025	0.053	0.072
0.069				
P5Q3BI	0.020	0.016	0.013	0.066
0.025				
P5Q3BZ	0.098	0.072	0.174	0.143
0.150				

P5Q3CJ	0.049	0.004	0.021	0.171
0.080				
P5Q3C	0.036	0.066	0.075	0.087
0.076				
P5Q3O	0.052	0.001	0.074	0.051
0.105				
P5Q3R	0.085	0.011	0.086	0.105
0.084				
P5Q3S	0.063	0.000	0.066	0.095
0.118				
P5Q3T	0.037	0.034	0.066	0.046
0.080				
P5Q3U	0.010	0.018	0.040	0.041
0.056				
P5Q3V	0.039	0.000	0.052	0.032
0.098				
P5Q3AJ	0.010	−0.020	0.008	0.025
0.096				
P5Q3BC	0.141	0.021	0.063	0.131
0.113				
P5Q3BN	0.042	0.034	0.036	0.102
0.036				
P5Q3CF	0.089	0.070	0.071	0.099
0.054				
P5Q3CG	0.071	0.028	0.034	0.068
0.049				
P5Q3CH	0.099	0.002	0.065	0.075
0.084				
P5Q3CI	0.069	0.009	0.064	0.060
0.056				
P5Q3CN	0.043	0.032	0.077	0.028
0.058				
P5Q3CO	0.059	0.044	0.015	0.098
0.076				
P5Q3CQ	0.101	0.013	0.089	0.099
0.115				
P5Q3CW	0.060	0.012	0.053	0.034
0.074				

```
          CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
            K6D2C_R       K6D2N_R       K6D2X_R       K6D2A_R
  K6D2P_R

                        _____      _____      _____      _____

  _____
  K6D2N_R     0.478
  K6D2X_R     0.434         0.595
  K6D2A_R     0.286         0.171         0.157
  K6D2P_R     0.269         0.261         0.255         0.426
  K6D2R_R     0.316         0.244         0.236         0.354
```

0.452				
K6D2Z_R	0.276	0.207	0.215	0.394
0.497				
K6D2AB_R	0.211	0.200	0.209	0.341
0.502				
K6D2AJ_R	0.243	0.275	0.216	0.415
0.591				
K6D61C	0.099	0.161	0.187	0.187
0.226				
K6D61D	0.097	0.143	0.133	0.205
0.293				
K6D61E	0.026	0.085	0.097	0.173
0.287				
K6D61K	0.104	0.134	0.149	0.179
0.240				
K6D61L	0.130	0.097	0.082	0.160
0.270				
K6D61M	0.107	0.190	0.146	0.110
0.296				
K6D40_R	0.033	0.217	0.167	0.063
0.221				
K6D48_R	0.116	0.206	0.185	0.119
0.243				
K6F63_R	0.085	0.171	0.152	0.111
0.214				
K6F68_R	0.169	0.252	0.215	0.138
0.253				
K6F74_R	0.200	0.297	0.193	0.119
0.144				
K6D2B_R	−0.287	−0.495	−0.583	−0.085
−0.180				
K6D2F_R	−0.244	−0.371	−0.317	−0.081
−0.144				
K6D2G_R	−0.116	−0.193	−0.200	−0.027
−0.097				
K6D2I_R	−0.074	−0.189	−0.166	−0.066
−0.207				
K6D2K_R	−0.105	−0.247	−0.226	−0.078
−0.181				
K6D2L_R	−0.246	−0.427	−0.478	−0.050
−0.136				
K6D2M_R	−0.112	−0.257	−0.220	−0.091
−0.184				
K6D2O_R	−0.255	−0.328	−0.393	−0.079
−0.058				
K6D2S_R	−0.353	−0.598	−0.530	−0.065
−0.147				
K6D2V_R	−0.176	−0.261	−0.300	−0.093
−0.245				
K6D2W_R	−0.221	−0.359	−0.381	−0.091

−0.144

K6D2Y_R	−0.269	−0.368	−0.366	−0.086
−0.161				
K6D2AA_R	−0.249	−0.427	−0.401	−0.051
−0.098				
K6D2AE_R	−0.121	−0.230	−0.203	0.025
−0.033				
K6D2AF_R	−0.210	−0.303	−0.359	−0.057
−0.079				
K6D2AH_R	−0.173	−0.224	−0.268	−0.037
−0.086				
P5Q3M	0.043	0.058	0.024	0.049
0.028				
P5Q3AB	−0.005	0.021	0.010	0.022
0.008				
P5Q3AD	0.016	0.041	−0.038	0.029
−0.014				
P5Q3AF	0.016	0.096	0.033	0.082
0.077				
P5Q3AH	0.043	0.167	0.094	0.044
0.058				
P5Q3AR	0.066	0.011	0.055	0.053
0.078				
P5Q3AV	0.050	−0.005	−0.005	−0.019
0.056				
P5Q3AX	−0.031	−0.003	0.035	0.034
0.009				
P5Q3BQ	0.023	0.083	−0.015	0.017
0.030				
P5Q3CK	0.061	0.098	0.149	0.160
0.111				
P5Q3DB	0.001	0.082	0.019	−0.033
−0.010				
P5Q3E	0.065	0.109	0.142	0.088
0.038				
P5Q3A0	0.078	0.153	0.077	0.015
0.055				
P5Q3BK	0.039	0.086	0.113	0.044
0.058				
P5Q3B0	0.067	0.107	0.135	0.087
0.112				
P5Q3CU	0.059	0.023	0.048	0.069
0.105				
P5Q3DA	0.097	0.159	0.128	0.095
0.065				
P5Q3AS	0.023	0.057	0.075	−0.001
0.023				
P5Q3AU	−0.007	0.069	0.050	0.014
0.086				
P5Q3AZ	0.110	0.094	0.103	0.112

0.077
| P5Q3BB1 | 0.062 | 0.083 | 0.121 | −0.043 |
0.030
| P5Q3BB2 | 0.016 | 0.020 | 0.030 | 0.001 |
0.025
| P5Q3BB5 | 0.030 | 0.064 | 0.048 | −0.033 |
−0.008
| P5Q3BB6 | 0.042 | 0.025 | 0.044 | −0.044 |
0.008
| P5Q3BB7 | −0.019 | −0.019 | 0.061 | −0.058 |
−0.064
| P5Q3X | 0.118 | 0.079 | 0.153 | 0.128 |
0.114
| P5Q3AA | 0.048 | 0.055 | 0.047 | 0.084 |
0.137
| P5Q3AL | −0.037 | −0.032 | 0.030 | 0.056 |
0.102
| P5Q3AP | 0.059 | 0.058 | 0.048 | 0.046 |
0.112
| P5Q3BI | −0.016 | 0.037 | 0.009 | 0.027 |
0.053
| P5Q3BZ | 0.122 | 0.119 | 0.138 | 0.060 |
0.133
| P5Q3CJ | 0.072 | 0.070 | 0.081 | 0.002 |
0.026
| P5Q3C | −0.001 | 0.086 | 0.040 | 0.034 |
0.070
| P5Q3O | 0.036 | 0.038 | 0.097 | 0.100 |
0.137
| P5Q3R | 0.058 | 0.096 | 0.118 | 0.061 |
0.044
| P5Q3S | 0.038 | 0.127 | 0.073 | 0.144 |
0.117
| P5Q3T | 0.049 | 0.081 | 0.061 | 0.112 |
0.115
| P5Q3U | −0.004 | 0.044 | 0.018 | 0.029 |
0.069
| P5Q3V | 0.011 | 0.043 | 0.045 | 0.076 |
0.088
| P5Q3AJ | −0.020 | −0.021 | 0.071 | 0.062 |
0.080
| P5Q3BC | 0.112 | 0.079 | 0.090 | 0.135 |
0.111
| P5Q3BN | 0.038 | 0.094 | 0.045 | 0.054 |
0.074
| P5Q3CF | 0.066 | 0.079 | 0.069 | 0.071 |
0.090
| P5Q3CG | 0.069 | 0.077 | 0.046 | 0.057 |
0.052
| P5Q3CH | 0.026 | 0.124 | 0.055 | −0.011 |

	Col1	Col2	Col3	Col4	Col5
					0.025
P5Q3CI	0.025	0.061	0.136	0.008	0.059
P5Q3CN	0.103	0.045	0.033	0.070	0.102
P5Q3CO	0.059	0.070	0.036	0.041	0.070
P5Q3CQ	0.064	0.059	0.117	0.107	0.075
P5Q3CW	0.015	0.051	0.028	0.024	0.077

```
            CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
               K6D2R_R        K6D2Z_R        K6D2AB_R       K6D2AJ_R
 K6D61C

 _____     _____       _____       _____       _____
  K6D2Z_R       0.431
  K6D2AB_R      0.343          0.431
  K6D2AJ_R      0.440          0.439          0.520
  K6D61C        0.107          0.139          0.189          0.265
  K6D61D        0.112          0.204          0.284          0.351
0.430
  K6D61E        0.015          0.178          0.245          0.315
0.355
  K6D61K        0.096          0.107          0.200          0.263
0.913
  K6D61L        0.092          0.140          0.234          0.320
0.427
  K6D61M        0.136          0.146          0.271          0.327
0.363
  K6D40_R       0.070          0.095          0.185          0.267
0.549
  K6D48_R       0.091          0.115          0.205          0.252
0.474
  K6F63_R       0.082          0.135          0.206          0.245
0.549
  K6F68_R       0.070          0.146          0.187          0.294
0.502
  K6F74_R       0.112          0.084          0.200          0.257
0.449
  K6D2B_R      −0.148         −0.118         −0.103         −0.182
−0.208
  K6D2F_R      −0.097         −0.052         −0.074         −0.168
−0.163
  K6D2G_R      −0.045          0.006         −0.055         −0.082
−0.027
  K6D2I_R      −0.076         −0.086         −0.146         −0.275
−0.235
```

K6D2K_R	−0.138	−0.075	−0.083	−0.184
−0.201				
K6D2L_R	−0.064	−0.002	−0.038	−0.142
−0.139				
K6D2M_R	−0.110	−0.104	−0.095	−0.201
−0.205				
K6D2O_R	−0.069	−0.040	−0.061	−0.111
−0.151				
K6D2S_R	−0.140	−0.076	−0.107	−0.183
−0.203				
K6D2V_R	−0.142	−0.128	−0.123	−0.243
−0.166				
K6D2W_R	−0.101	−0.050	−0.100	−0.167
−0.160				
K6D2Y_R	−0.054	−0.017	−0.086	−0.165
−0.054				
K6D2AA_R	−0.076	−0.001	−0.021	−0.092
−0.092				
K6D2AE_R	0.010	0.052	0.050	−0.072
−0.109				
K6D2AF_R	−0.031	−0.018	−0.030	−0.117
−0.078				
K6D2AH_R	−0.042	−0.039	−0.048	−0.102
−0.093				
P5Q3M	0.045	0.085	0.032	0.041
−0.011				
P5Q3AB	0.001	−0.014	−0.006	0.011
−0.085				
P5Q3AD	−0.029	0.051	−0.016	0.008
0.044				
P5Q3AF	0.028	0.080	0.060	0.105
0.072				
P5Q3AH	0.061	0.110	0.079	0.099
0.069				
P5Q3AR	0.051	0.077	0.063	0.043
−0.052				
P5Q3AV	0.008	0.018	0.034	0.041
−0.059				
P5Q3AX	−0.034	0.034	−0.037	0.027
−0.006				
P5Q3BQ	0.032	−0.024	−0.005	0.016
−0.074				
P5Q3CK	0.008	0.155	0.057	0.192
−0.059				
P5Q3DB	0.018	0.025	−0.023	−0.003
0.012				
P5Q3E	0.066	0.068	0.066	0.033
−0.092				
P5Q3A0	0.077	0.034	0.026	0.057
−0.079				

P5Q3BK	0.038	0.048	0.047	0.063
−0.049				
P5Q3B0	0.072	0.068	0.056	0.119
0.070				
P5Q3CU	0.047	0.086	0.037	0.062
0.060				
P5Q3DA	0.069	0.083	0.035	0.127
0.057				
P5Q3AS	0.021	0.046	0.011	0.058
−0.026				
P5Q3AU	−0.038	0.064	0.038	0.023
0.004				
P5Q3AZ	0.060	0.108	0.093	0.069
−0.119				
P5Q3BB1	0.007	0.065	0.007	−0.005
0.010				
P5Q3BB2	0.016	0.042	0.029	0.038
−0.058				
P5Q3BB5	−0.060	−0.025	−0.020	−0.006
0.036				
P5Q3BB6	−0.011	0.024	−0.010	0.013
−0.161				
P5Q3BB7	−0.046	−0.084	−0.077	−0.009
−0.043				
P5Q3X	0.085	0.051	0.121	0.155
0.129				
P5Q3AA	0.061	0.053	0.126	0.162
0.144				
P5Q3AL	0.030	0.092	0.077	0.135
0.153				
P5Q3AP	0.082	0.093	0.110	0.146
0.167				
P5Q3BI	0.012	0.026	0.084	0.075
−0.007				
P5Q3BZ	0.016	0.116	0.143	0.184
0.118				
P5Q3CJ	0.011	0.057	0.082	0.084
0.152				
P5Q3C	0.037	0.051	0.070	0.111
0.070				
P5Q30	0.056	0.107	0.123	0.139
0.102				
P5Q3R	0.021	0.055	0.071	0.095
0.015				
P5Q3S	0.084	0.139	0.077	0.148
0.125				
P5Q3T	0.067	0.080	0.115	0.123
0.144				
P5Q3U	0.029	0.051	0.063	0.105
0.123				

P5Q3V	−0.013	0.068	0.102	0.148
0.081				
P5Q3AJ	0.019	0.060	0.146	0.101
0.159				
P5Q3BC	0.057	0.110	0.161	0.157
0.179				
P5Q3BN	0.048	0.112	0.092	0.063
0.078				
P5Q3CF	0.066	0.101	0.052	0.113
0.083				
P5Q3CG	0.035	0.054	0.037	0.084
0.011				
P5Q3CH	0.003	0.032	0.020	0.057
0.099				
P5Q3CI	0.011	0.061	0.040	0.048
−0.008				
P5Q3CN	0.061	0.107	0.087	0.081
0.043				
P5Q3CO	0.028	0.050	0.087	0.105
0.148				
P5Q3CQ	0.006	0.095	0.155	0.123
0.192				
P5Q3CW	0.029	0.054	0.072	0.065
0.078				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D61D	K6D61E	K6D61K	K6D61L
K6D61M				
	_____	_____	_____	_____
_____				
K6D61E	0.759			
K6D61K	0.461	0.398		
K6D61L	0.674	0.587	0.449	
K6D61M	0.372	0.349	0.394	0.369
K6D40_R	0.388	0.350	0.516	0.293
0.234				
K6D48_R	0.379	0.328	0.493	0.363
0.293				
K6F63_R	0.391	0.360	0.565	0.428
0.266				
K6F68_R	0.304	0.246	0.545	0.444
0.283				
K6F74_R	0.238	0.207	0.467	0.320
0.221				
K6D2B_R	−0.107	−0.081	−0.197	−0.089
−0.179				
K6D2F_R	−0.119	−0.163	−0.183	−0.108
−0.135				
K6D2G_R	−0.056	−0.021	−0.078	−0.012

-0.020

K6D2I_R	-0.099	-0.070	-0.262	-0.110	-0.240
K6D2K_R	0.020	0.023	-0.154	0.046	-0.180
K6D2L_R	-0.125	-0.101	-0.164	-0.135	-0.087
K6D2M_R	-0.004	-0.043	-0.186	-0.042	-0.197
K6D2O_R	-0.087	-0.061	-0.138	-0.067	-0.104
K6D2S_R	-0.187	-0.172	-0.225	-0.108	-0.215
K6D2V_R	-0.076	-0.101	-0.183	-0.084	-0.188
K6D2W_R	-0.068	-0.087	-0.183	-0.033	-0.173
K6D2Y_R	-0.129	-0.121	-0.128	-0.107	-0.191
K6D2AA_R	-0.078	-0.097	-0.098	-0.097	-0.082
K6D2AE_R	0.000	0.000	-0.140	0.008	-0.114
K6D2AF_R	-0.101	-0.071	-0.080	-0.038	-0.090
K6D2AH_R	-0.094	-0.051	-0.094	-0.061	-0.102
P5Q3M	0.009	0.068	0.026	-0.050	-0.012
P5Q3AB	-0.028	0.024	-0.086	0.005	0.023
P5Q3AD	-0.044	0.037	-0.015	-0.040	0.008
P5Q3AF	-0.006	0.070	0.045	0.040	0.036
P5Q3AH	-0.021	0.150	0.061	-0.016	0.056
P5Q3AR	0.016	0.112	0.008	-0.027	0.033
P5Q3AV	-0.009	0.075	-0.078	-0.022	0.009
P5Q3AX	-0.095	0.019	0.009	-0.048	0.039
P5Q3BQ	-0.018	0.059	-0.030	0.046	0.045
P5Q3CK	0.057	0.171	0.007	-0.113	0.038
P5Q3DB	-0.047	0.018	-0.008	-0.113	-0.008
P5Q3E	0.041	0.028	-0.101	-0.043	

-0.052

P5Q3A0	-0.091	-0.007	-0.093	-0.078
0.013				
P5Q3BK	-0.041	-0.041	-0.038	-0.037
-0.010				
P5Q3B0	0.074	0.094	0.077	0.062
0.044				
P5Q3CU	0.004	0.018	0.004	-0.078
-0.011				
P5Q3DA	0.004	0.035	0.072	-0.040
0.041				
P5Q3AS	0.012	0.053	-0.007	-0.012
0.017				
P5Q3AU	-0.118	-0.084	0.038	-0.065
0.056				
P5Q3AZ	-0.027	0.057	-0.128	0.009
0.058				
P5Q3BB1	-0.037	0.011	-0.007	-0.103
-0.001				
P5Q3BB2	-0.037	0.019	-0.082	-0.036
-0.008				
P5Q3BB5	0.012	0.067	0.028	-0.005
-0.013				
P5Q3BB6	-0.023	0.079	-0.099	-0.043
0.014				
P5Q3BB7	-0.020	0.090	0.002	-0.061
0.025				
P5Q3X	0.123	0.165	0.099	0.157
0.027				
P5Q3AA	0.170	0.231	0.167	0.160
0.048				
P5Q3AL	0.110	0.157	0.124	0.154
0.010				
P5Q3AP	0.139	0.162	0.177	0.114
0.009				
P5Q3BI	0.048	0.123	0.030	0.054
0.046				
P5Q3BZ	0.113	0.206	0.150	0.074
0.020				
P5Q3CJ	0.071	0.080	0.129	0.059
0.060				
P5Q3C	0.039	0.053	0.047	0.034
0.033				
P5Q3O	0.113	0.180	0.122	0.106
0.029				
P5Q3R	0.119	0.174	0.037	0.096
0.039				
P5Q3S	0.114	0.195	0.096	0.084
-0.009				
P5Q3T	0.101	0.173	0.128	0.062

-0.008

P5Q3U	0.063	0.093	0.129	0.039
0.003				
P5Q3V	0.150	0.192	0.109	0.119
0.001				
P5Q3AJ	0.250	0.262	0.096	0.226
0.093				
P5Q3BC	0.145	0.213	0.148	0.136
0.073				
P5Q3BN	0.088	0.102	0.114	0.050
0.056				
P5Q3CF	0.061	0.133	0.076	0.035
0.043				
P5Q3CG	0.043	0.116	-0.006	0.023
0.046				
P5Q3CH	-0.034	0.050	0.089	-0.027
0.030				
P5Q3CI	0.066	0.105	0.062	0.068
0.077				
P5Q3CN	0.069	0.157	0.075	0.159
0.092				
P5Q3CO	0.124	0.145	0.151	0.095
0.084				
P5Q3CQ	0.199	0.214	0.232	0.155
0.085				
P5Q3CW	0.088	0.068	0.045	0.082
0.071				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D40_R	K6D48_R	K6F63_R	K6F68_R	K6F74_R
	_____	_____	_____	_____	_____
K6D48_R	0.650				
K6F63_R	0.722	0.719			
K6F68_R	0.690	0.650	0.619		
K6F74_R	0.670	0.677	0.569	0.784	
K6D2B_R	-0.190	-0.187	-0.143	-0.227	-0.232
K6D2F_R	-0.165	-0.138	-0.152	-0.231	-0.222
K6D2G_R	-0.065	-0.013	-0.078	0.031	-0.095
K6D2I_R	-0.254	-0.178	-0.167	-0.344	-0.303
K6D2K_R	-0.191	-0.067	-0.097	-0.161	-0.095
K6D2L_R	-0.232	-0.161	-0.156	-0.202	-0.196

K6D2M_R	−0.262	−0.126	−0.195	−0.288
−0.214				
K6D2O_R	−0.111	−0.106	−0.121	−0.008
−0.090				
K6D2S_R	−0.248	−0.203	−0.243	−0.273
−0.258				
K6D2V_R	−0.100	−0.062	−0.103	−0.124
−0.125				
K6D2W_R	−0.132	−0.105	−0.068	−0.138
−0.188				
K6D2Y_R	−0.082	−0.102	−0.112	−0.123
−0.070				
K6D2AA_R	−0.174	−0.084	−0.140	−0.086
−0.110				
K6D2AE_R	−0.112	−0.093	−0.112	−0.097
−0.149				
K6D2AF_R	−0.060	−0.038	−0.055	−0.102
−0.013				
K6D2AH_R	−0.161	−0.068	−0.090	−0.103
−0.058				
P5Q3M	0.020	−0.085	−0.003	−0.076
−0.026				
P5Q3AB	−0.046	−0.058	−0.055	−0.080
0.003				
P5Q3AD	0.031	−0.020	−0.050	−0.147
−0.064				
P5Q3AF	0.203	0.053	0.072	0.156
0.051				
P5Q3AH	0.118	−0.062	−0.030	0.170
0.193				
P5Q3AR	−0.012	−0.036	−0.025	−0.094
0.043				
P5Q3AV	−0.048	−0.020	−0.039	−0.069
0.009				
P5Q3AX	0.014	−0.013	−0.057	−0.052
0.035				
P5Q3BQ	0.061	−0.020	−0.015	0.023
0.122				
P5Q3CK	0.088	−0.088	0.023	−0.055
0.028				
P5Q3DB	0.089	−0.003	−0.009	0.058
0.100				
P5Q3E	0.058	−0.001	0.024	−0.062
−0.088				
P5Q3AO	0.000	−0.040	0.004	−0.005
0.094				
P5Q3BK	0.027	−0.013	−0.016	0.166
0.077				
P5Q3BO	0.146	0.049	0.057	0.130
0.208				

P5Q3CU	0.023	−0.001	−0.021	−0.064
0.088				
P5Q3DA	0.048	0.032	0.041	−0.028
0.179				
P5Q3AS	0.126	0.025	0.005	0.110
0.062				
P5Q3AU	0.061	−0.057	−0.016	0.057
0.080				
P5Q3AZ	0.062	0.055	0.070	0.001
−0.129				
P5Q3BB1	−0.009	−0.089	−0.071	−0.005
0.065				
P5Q3BB2	0.038	−0.022	0.004	0.000
0.102				
P5Q3BB5	0.105	−0.033	0.016	0.071
0.059				
P5Q3BB6	0.061	−0.059	−0.026	−0.019
−0.044				
P5Q3BB7	0.074	−0.043	−0.141	−0.173
−0.087				
P5Q3X	0.112	0.048	0.047	−0.015
0.132				
P5Q3AA	0.193	0.046	0.117	0.136
0.066				
P5Q3AL	0.184	0.029	0.086	0.112
−0.058				
P5Q3AP	0.224	−0.023	0.060	0.106
0.273				
P5Q3BI	0.147	0.025	0.094	0.108
0.105				
P5Q3BZ	0.216	0.017	0.078	−0.164
0.062				
P5Q3CJ	0.243	0.183	0.095	0.339
0.263				
P5Q3C	0.199	0.051	0.061	0.109
0.222				
P5Q3O	0.143	0.028	0.058	0.058
0.141				
P5Q3R	0.113	0.012	0.048	0.014
0.063				
P5Q3S	0.174	0.061	0.117	0.100
0.145				
P5Q3T	0.128	0.012	0.057	0.040
0.099				
P5Q3U	0.162	−0.004	0.068	0.153
0.156				
P5Q3V	0.136	−0.022	0.109	0.058
0.026				
P5Q3AJ	0.232	0.059	0.084	−0.117
0.042				

P5Q3BC	0.234	0.141	0.110	0.067
0.202				
P5Q3BN	0.202	0.073	0.115	0.114
0.107				
P5Q3CF	0.148	−0.013	0.076	0.136
0.211				
P5Q3CG	0.166	0.000	0.044	−0.001
0.077				
P5Q3CH	0.177	0.061	0.072	0.107
0.275				
P5Q3CI	0.012	0.035	−0.008	−0.023
0.029				
P5Q3CN	0.115	0.032	0.076	0.194
0.102				
P5Q3CO	0.239	0.078	0.107	0.101
0.234				
P5Q3CQ	0.248	0.023	0.091	0.008
0.121				
P5Q3CW	0.069	0.021	0.037	−0.027
−0.042				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2B_R	K6D2F_R	K6D2G_R	K6D2I_R
K6D2K_R				
	_____	_____	_____	_____
_____				
K6D2F_R	0.509			
K6D2G_R	0.317	0.405		
K6D2I_R	0.280	0.277	0.164	
K6D2K_R	0.310	0.309	0.203	0.438
K6D2L_R	0.532	0.418	0.391	0.323
0.312				
K6D2M_R	0.316	0.349	0.199	0.465
0.621				
K6D2O_R	0.426	0.380	0.239	0.249
0.251				
K6D2S_R	0.686	0.620	0.343	0.344
0.346				
K6D2V_R	0.337	0.365	0.214	0.477
0.472				
K6D2W_R	0.429	0.412	0.239	0.345
0.421				
K6D2Y_R	0.408	0.368	0.329	0.280
0.267				
K6D2AA_R	0.526	0.527	0.409	0.265
0.303				
K6D2AE_R	0.321	0.334	0.229	0.264
0.304				
K6D2AF_R	0.398	0.400	0.420	0.233

				0.263
K6D2AH_R	0.321	0.347	0.217	0.249
				0.259
P5Q3M	−0.059	−0.069	0.016	−0.028
				−0.026
P5Q3AB	−0.024	0.027	0.018	0.007
				−0.055
P5Q3AD	0.024	−0.037	−0.044	−0.017
				−0.055
P5Q3AF	−0.043	−0.069	−0.084	−0.049
				−0.090
P5Q3AH	−0.061	−0.028	−0.048	−0.054
				−0.077
P5Q3AR	0.011	−0.025	−0.060	−0.030
				−0.002
P5Q3AV	0.012	0.002	−0.089	−0.043
				−0.019
P5Q3AX	0.005	−0.039	−0.012	−0.015
				0.014
P5Q3BQ	−0.026	−0.061	0.010	−0.101
				−0.081
P5Q3CK	−0.147	−0.129	−0.009	0.005
				−0.072
P5Q3DB	−0.032	−0.041	0.012	−0.025
				−0.005
P5Q3E	−0.016	−0.044	−0.038	0.072
				0.006
P5Q3A0	−0.024	−0.087	−0.072	−0.019
				−0.055
P5Q3BK	−0.015	−0.046	−0.077	0.006
				0.014
P5Q3B0	−0.069	−0.098	−0.039	−0.069
				−0.061
P5Q3CU	−0.075	−0.049	0.021	−0.032
				−0.083
P5Q3DA	−0.096	−0.107	−0.029	−0.047
				−0.063
P5Q3AS	−0.073	−0.070	0.025	−0.021
				−0.067
P5Q3AU	−0.037	−0.044	−0.060	−0.024
				−0.054
P5Q3AZ	−0.072	−0.057	−0.071	0.027
				−0.059
P5Q3BB1	−0.076	−0.061	−0.067	−0.034
				−0.081
P5Q3BB2	−0.001	−0.031	0.008	−0.001
				−0.017
P5Q3BB5	−0.062	−0.095	−0.051	−0.020
				−0.031
P5Q3BB6	−0.096	−0.051	−0.056	−0.035

```
-0.032
  P5Q3BB7      -0.024       -0.064       -0.058       -0.021
-0.059
  P5Q3X        -0.088       -0.049       -0.024       -0.027
-0.006
  P5Q3AA       -0.052       -0.023        0.035       -0.064
-0.036
  P5Q3AL        0.042        0.017        0.036       -0.067
-0.008
  P5Q3AP       -0.052       -0.023        0.011       -0.060
-0.053
  P5Q3BI        0.016       -0.032        0.003        0.015
-0.010
  P5Q3BZ       -0.066       -0.025       -0.029       -0.033
0.006
  P5Q3CJ       -0.077        0.010        0.008       -0.030
-0.082
  P5Q3C        -0.062       -0.072       -0.034       -0.066
-0.056
  P5Q3O        -0.068       -0.070       -0.050       -0.072
-0.084
  P5Q3R        -0.027       -0.044       -0.014       -0.021
-0.037
  P5Q3S        -0.088       -0.027       -0.034       -0.045
-0.087
  P5Q3T        -0.078       -0.010       -0.043       -0.046
-0.110
  P5Q3U        -0.034       -0.028        0.018       -0.060
-0.076
  P5Q3V        -0.030       -0.044       -0.030       -0.054
-0.016
  P5Q3AJ        0.009        0.042       -0.096       -0.030
0.012
  P5Q3BC       -0.030       -0.041        0.031       -0.042
-0.018
  P5Q3BN       -0.052       -0.024       -0.006       -0.006
-0.021
  P5Q3CF       -0.046       -0.086       -0.039       -0.031
-0.037
  P5Q3CG       -0.062       -0.083       -0.028       -0.013
-0.046
  P5Q3CH       -0.084       -0.107        0.010       -0.102
-0.065
  P5Q3CI       -0.025       -0.054       -0.013       -0.001
0.003
  P5Q3CN       -0.056       -0.061       -0.018       -0.011
-0.034
  P5Q3CO       -0.047       -0.076       -0.054       -0.068
-0.060
  P5Q3CQ       -0.045       -0.009        0.015        0.004
```

−0.007
| P5Q3CW | 0.020 | 0.023 | 0.026 | 0.030 |
−0.018

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2L_R	K6D2M_R	K6D2O_R	K6D2S_R	K6D2V_R
K6D2M_R	0.314				
K6D2O_R	0.354	0.290			
K6D2S_R	0.583	0.355	0.480		
K6D2V_R	0.350	0.480	0.341	0.390	
K6D2W_R	0.408	0.406	0.454	0.509	0.460
K6D2Y_R	0.563	0.305	0.360	0.515	0.310
K6D2AA_R	0.524	0.307	0.398	0.641	0.347
K6D2AE_R	0.312	0.316	0.348	0.416	0.327
K6D2AF_R	0.552	0.265	0.380	0.466	0.323
K6D2AH_R	0.340	0.259	0.351	0.393	0.336
P5Q3M	−0.031	−0.032	−0.061	−0.011	−0.088
P5Q3AB	−0.027	−0.025	−0.034	−0.001	−0.031
P5Q3AD	−0.028	−0.010	0.027	−0.013	−0.009
P5Q3AF	−0.079	−0.117	−0.019	0.009	−0.057
P5Q3AH	−0.057	−0.038	−0.003	−0.022	−0.126
P5Q3AR	0.005	−0.034	−0.022	0.027	−0.037
P5Q3AV	0.011	−0.054	−0.054	0.042	−0.028
P5Q3AX	−0.058	0.018	−0.017	0.053	−0.004
P5Q3BQ	−0.044	−0.092	−0.003	−0.040	−0.086
P5Q3CK	−0.080	0.023	0.022	−0.027	−0.012
P5Q3DB	0.000	−0.022	−0.017	−0.018	0.021
P5Q3E	−0.027	−0.019	−0.050	−0.068	−0.062

P5Q3A0	−0.067	−0.066	−0.114	−0.085
−0.101				
P5Q3BK	−0.054	−0.013	−0.003	−0.008
−0.045				
P5Q3B0	−0.096	−0.053	−0.027	−0.092
−0.056				
P5Q3CU	−0.112	−0.045	−0.038	0.051
−0.114				
P5Q3DA	−0.031	−0.057	−0.077	−0.082
−0.086				
P5Q3AS	0.020	−0.030	−0.054	−0.069
−0.074				
P5Q3AU	−0.058	0.014	−0.029	0.001
−0.020				
P5Q3AZ	−0.087	0.002	−0.038	0.051
−0.019				
P5Q3BB1	−0.044	−0.076	−0.045	−0.031
−0.021				
P5Q3BB2	−0.019	−0.009	0.021	−0.021
0.014				
P5Q3BB5	−0.068	−0.071	−0.048	−0.028
−0.010				
P5Q3BB6	−0.020	−0.026	−0.011	−0.005
−0.078				
P5Q3BB7	−0.021	0.034	0.022	0.050
−0.015				
P5Q3X	−0.045	−0.014	−0.022	−0.055
−0.059				
P5Q3AA	−0.020	−0.023	−0.032	−0.019
−0.018				
P5Q3AL	0.026	−0.027	−0.008	−0.027
0.029				
P5Q3AP	−0.017	−0.057	−0.035	−0.037
−0.067				
P5Q3BI	0.052	−0.024	0.000	−0.012
0.000				
P5Q3BZ	−0.044	0.052	0.040	0.032
0.014				
P5Q3CJ	−0.077	−0.017	−0.006	−0.032
−0.020				
P5Q3C	0.013	−0.067	−0.011	−0.053
−0.070				
P5Q3O	−0.038	−0.075	0.009	−0.052
−0.060				
P5Q3R	−0.006	−0.047	−0.012	−0.018
−0.045				
P5Q3S	−0.003	−0.010	−0.024	−0.013
−0.071				
P5Q3T	−0.024	−0.004	0.002	0.017
−0.087				

P5Q3U	−0.009	−0.056	−0.008	−0.032
−0.059				
P5Q3V	0.025	−0.041	−0.006	−0.024
−0.043				
P5Q3AJ	−0.073	0.018	−0.047	−0.009
0.011				
P5Q3BC	−0.076	0.012	−0.019	−0.020
0.028				
P5Q3BN	−0.047	−0.012	−0.063	−0.018
0.037				
P5Q3CF	−0.022	0.000	−0.016	−0.028
−0.042				
P5Q3CG	−0.044	−0.031	−0.041	−0.076
−0.056				
P5Q3CH	−0.085	−0.055	−0.064	−0.093
−0.119				
P5Q3CI	−0.136	0.027	−0.042	0.013
−0.043				
P5Q3CN	−0.032	−0.006	−0.022	−0.034
−0.081				
P5Q3CO	0.002	−0.037	−0.061	−0.036
−0.063				
P5Q3CQ	−0.083	0.071	−0.011	−0.003
0.014				
P5Q3CW	0.063	0.010	−0.024	0.034
−0.043				

```
          CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
            K6D2W_R        K6D2Y_R        K6D2AA_R       K6D2AE_R
K6D2AF_R

            _____       _____       _____       _____
_____
```

	K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R
K6D2Y_R	0.461			
K6D2AA_R	0.445	0.464		
K6D2AE_R	0.435	0.350	0.360	
K6D2AF_R	0.445	0.571	0.492	0.370
K6D2AH_R	0.342	0.301	0.323	0.289
0.381				
P5Q3M	−0.013	−0.015	−0.003	−0.017
−0.038				
P5Q3AB	−0.028	−0.030	−0.011	0.021
−0.017				
P5Q3AD	0.037	−0.034	−0.081	0.021
−0.060				
P5Q3AF	0.009	−0.052	−0.024	0.016
−0.072				
P5Q3AH	−0.078	0.008	−0.013	−0.042
−0.083				
P5Q3AR	0.016	−0.019	0.002	0.040

-0.061

P5Q3AV	0.011	−0.022	−0.016	0.001	−0.089
P5Q3AX	0.026	−0.006	−0.012	0.046	0.019
P5Q3BQ	−0.047	−0.053	−0.060	−0.028	−0.011
P5Q3CK	0.045	0.026	0.006	−0.059	−0.002
P5Q3DB	0.018	0.013	−0.022	−0.004	−0.024
P5Q3E	0.012	0.002	−0.077	−0.006	0.014
P5Q3A0	−0.073	−0.020	−0.138	−0.075	−0.100
P5Q3BK	−0.011	−0.063	−0.049	−0.048	−0.057
P5Q3B0	−0.063	−0.031	−0.078	−0.084	−0.049
P5Q3CU	0.010	0.020	−0.032	−0.001	−0.013
P5Q3DA	−0.029	−0.064	−0.064	−0.024	−0.062
P5Q3AS	−0.109	−0.075	−0.076	−0.031	0.018
P5Q3AU	−0.084	0.022	−0.023	−0.005	−0.057
P5Q3AZ	0.091	−0.002	−0.028	0.016	−0.019
P5Q3BB1	0.023	−0.008	−0.051	0.021	−0.057
P5Q3BB2	0.024	−0.041	−0.041	0.015	0.023
P5Q3BB5	−0.025	−0.124	−0.132	0.008	−0.047
P5Q3BB6	0.042	−0.062	−0.077	0.008	−0.056
P5Q3BB7	0.075	−0.051	−0.056	0.001	0.033
P5Q3X	−0.049	−0.003	0.000	−0.016	−0.045
P5Q3AA	−0.016	0.011	0.041	−0.004	−0.037
P5Q3AL	0.024	0.003	0.002	0.027	−0.014
P5Q3AP	−0.017	−0.029	0.006	−0.041	−0.066
P5Q3BI	0.007	0.015	−0.005	−0.009	−0.034
P5Q3BZ	0.031	−0.041	−0.001	0.065	

-0.094

P5Q3CJ	0.032	0.003	0.005	-0.048
				-0.086
P5Q3C	-0.061	-0.003	-0.017	-0.012
				-0.013
P5Q3O	-0.045	-0.017	-0.031	-0.047
				-0.063
P5Q3R	-0.019	-0.018	-0.017	-0.003
				0.011
P5Q3S	-0.034	-0.010	-0.035	-0.016
				0.029
P5Q3T	-0.015	0.023	-0.007	-0.028
				-0.057
P5Q3U	-0.038	0.029	0.029	-0.005
				-0.013
P5Q3V	-0.035	0.017	-0.003	0.017
				-0.069
P5Q3AJ	-0.019	-0.059	-0.016	0.024
				-0.099
P5Q3BC	-0.042	-0.022	-0.055	0.002
				-0.057
P5Q3BN	0.020	-0.019	-0.045	-0.017
				-0.027
P5Q3CF	0.005	-0.009	-0.017	0.023
				-0.039
P5Q3CG	-0.028	-0.051	-0.033	-0.021
				-0.037
P5Q3CH	-0.027	-0.027	-0.095	-0.026
				-0.044
P5Q3CI	0.008	0.050	-0.019	-0.023
				-0.048
P5Q3CN	0.035	0.031	0.028	0.009
				-0.023
P5Q3CO	-0.046	-0.015	0.010	-0.051
				-0.017
P5Q3CQ	0.048	0.029	-0.049	0.039
				-0.057
P5Q3CW	-0.001	0.033	0.046	0.028
				0.019

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD	P5Q3AF
	_____	_____	_____	_____	_____
P5Q3M	-0.029				
P5Q3AB	0.012	0.220			
P5Q3AD	-0.042	0.282	0.366		
P5Q3AF	-0.070	0.474	0.295	0.423	

P5Q3AH	−0.045	0.434	0.384	0.530 0.723
P5Q3AR	0.022	0.255	0.267	0.332 0.356
P5Q3AV	−0.006	0.389	0.500	0.467 0.463
P5Q3AX	0.047	0.371	0.373	0.568 0.538
P5Q3BQ	−0.024	0.273	0.357	0.337 0.356
P5Q3CK	−0.091	0.509	0.306	0.488 0.663
P5Q3DB	0.010	0.305	0.284	0.342 0.380
P5Q3E	−0.070	0.310	0.174	0.347 0.330
P5Q3A0	−0.026	0.310	0.215	0.334 0.336
P5Q3BK	−0.040	0.345	0.275	0.356 0.307
P5Q3B0	−0.019	0.253	0.233	0.331 0.278
P5Q3CU	0.065	0.346	0.268	0.328 0.370
P5Q3DA	−0.037	0.371	0.286	0.389 0.395
P5Q3AS	−0.005	0.254	0.304	0.334 0.382
P5Q3AU	0.047	0.256	0.239	0.253 0.292
P5Q3AZ	−0.019	0.364	0.306	0.434 0.460
P5Q3BB1	−0.023	0.295	0.225	0.296 0.372
P5Q3BB2	0.005	0.210	0.211	0.206 0.268
P5Q3BB5	−0.008	0.195	0.156	0.218 0.290
P5Q3BB6	−0.056	0.300	0.213	0.312 0.338
P5Q3BB7	−0.040	0.266	0.234	0.288 0.323
P5Q3X	−0.007	0.285	0.135	0.341 0.329
P5Q3AA	−0.029	0.367	0.277	0.222 0.336
P5Q3AL	0.007	0.269	0.138	0.342 0.342
P5Q3AP	−0.047	0.358	0.229	0.317 0.359

P5Q3BI	0.014	0.123	0.144	0.247
0.254				
P5Q3BZ	0.044	0.335	0.255	0.389
0.440				
P5Q3CJ	−0.035	0.307	0.293	0.335
0.393				
P5Q3C	−0.018	0.369	0.168	0.176
0.418				
P5Q3O	−0.037	0.454	0.168	0.341
0.426				
P5Q3R	0.001	0.484	0.268	0.301
0.455				
P5Q3S	−0.009	0.475	0.201	0.326
0.423				
P5Q3T	−0.028	0.454	0.194	0.340
0.408				
P5Q3U	−0.008	0.378	0.245	0.277
0.390				
P5Q3V	0.022	0.299	0.194	0.284
0.323				
P5Q3AJ	−0.013	0.351	0.171	0.372
0.416				
P5Q3BC	−0.052	0.351	0.248	0.404
0.422				
P5Q3BN	−0.032	0.497	0.223	0.345
0.515				
P5Q3CF	−0.029	0.344	0.296	0.239
0.396				
P5Q3CG	−0.039	0.425	0.277	0.317
0.448				
P5Q3CH	−0.059	0.462	0.307	0.337
0.450				
P5Q3CI	0.032	0.311	0.335	0.416
0.369				
P5Q3CN	−0.006	0.312	0.166	0.281
0.293				
P5Q3CO	−0.028	0.397	0.222	0.211
0.458				
P5Q3CQ	0.001	0.366	0.330	0.483
0.514				
P5Q3CW	−0.029	0.279	0.212	0.261
0.347				

```
             CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
             P5Q3AH        P5Q3AR        P5Q3AV        P5Q3AX
P5Q3BQ

             _____      _____      _____      _____

_____
  P5Q3AR       0.475
```

P5Q3AV	0.575	0.530			
P5Q3AX	0.691	0.464	0.639		
P5Q3BQ	0.419	0.326	0.475	0.455	
P5Q3CK	0.658	0.463	0.469	0.631	0.425
P5Q3DB	0.506	0.385	0.528	0.571	0.440
P5Q3E	0.373	0.248	0.310	0.244	0.133
P5Q3A0	0.436	0.378	0.350	0.412	0.293
P5Q3BK	0.439	0.436	0.450	0.432	0.353
P5Q3B0	0.366	0.378	0.356	0.393	0.426
P5Q3CU	0.501	0.360	0.378	0.463	0.390
P5Q3DA	0.527	0.419	0.425	0.515	0.435
P5Q3AS	0.477	0.347	0.458	0.417	0.314
P5Q3AU	0.435	0.401	0.473	0.438	0.207
P5Q3AZ	0.510	0.418	0.483	0.522	0.421
P5Q3BB1	0.460	0.313	0.366	0.426	0.314
P5Q3BB2	0.262	0.244	0.308	0.352	0.251
P5Q3BB5	0.245	0.267	0.259	0.262	0.231
P5Q3BB6	0.446	0.329	0.407	0.475	0.309
P5Q3BB7	0.377	0.359	0.409	0.497	0.299
P5Q3X	0.379	0.258	0.302	0.208	0.156
P5Q3AA	0.440	0.310	0.292	0.231	0.238
P5Q3AL	0.433	0.305	0.329	0.382	0.262
P5Q3AP	0.460	0.325	0.356	0.339	0.281
P5Q3BI	0.287	0.238	0.194	0.277	0.328
P5Q3BZ	0.547	0.364	0.425	0.427	0.243
P5Q3CJ	0.517	0.368	0.366	0.435	0.327
P5Q3C	0.403	0.222	0.326	0.258	

0.306

	P5Q3CK	P5Q3DB	P5Q3E	P5Q3AO	P5Q3BK
P5Q3O	0.451	0.331	0.362	0.347	0.250
P5Q3R	0.451	0.246	0.388	0.318	0.341
P5Q3S	0.489	0.317	0.374	0.337	0.225
P5Q3T	0.481	0.317	0.388	0.333	0.251
P5Q3U	0.465	0.235	0.350	0.262	0.257
P5Q3V	0.404	0.323	0.255	0.261	0.201
P5Q3AJ	0.516	0.407	0.347	0.396	0.253
P5Q3BC	0.564	0.406	0.426	0.498	0.340
P5Q3BN	0.495	0.319	0.387	0.413	0.336
P5Q3CF	0.508	0.338	0.402	0.390	0.391
P5Q3CG	0.500	0.416	0.508	0.452	0.411
P5Q3CH	0.602	0.372	0.528	0.535	0.400
P5Q3CI	0.490	0.410	0.506	0.524	0.413
P5Q3CN	0.405	0.318	0.321	0.381	0.296
P5Q3CO	0.503	0.316	0.400	0.346	0.359
P5Q3CQ	0.609	0.408	0.446	0.544	0.327
P5Q3CW	0.426	0.337	0.354	0.391	0.276

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3CK	P5Q3DB	P5Q3E	P5Q3AO	P5Q3BK
	_____	_____	_____	_____	_____
P5Q3DB	0.410				
P5Q3E	0.441	0.073			
P5Q3AO	0.400	0.302	0.320		
P5Q3BK	0.538	0.280	0.384	0.497	
P5Q3BO	0.501	0.330	0.257	0.372	0.533
P5Q3CU	0.535	0.324	0.296	0.379	0.433

P5Q3DA	0.558	0.474	0.381	0.622
				0.565
P5Q3AS	0.504	0.365	0.157	0.214
				0.280
P5Q3AU	0.484	0.254	0.194	0.338
				0.337
P5Q3AZ	0.573	0.423	0.330	0.454
				0.543
P5Q3BB1	0.438	0.390	0.174	0.230
				0.328
P5Q3BB2	0.390	0.285	0.146	0.203
				0.275
P5Q3BB5	0.254	0.208	0.168	0.231
				0.281
P5Q3BB6	0.508	0.393	0.242	0.276
				0.286
P5Q3BB7	0.530	0.271	0.200	0.250
				0.311
P5Q3X	0.382	0.135	0.340	0.273
				0.329
P5Q3AA	0.395	0.187	0.141	0.173
				0.310
P5Q3AL	0.454	0.174	0.282	0.226
				0.337
P5Q3AP	0.389	0.262	0.232	0.253
				0.313
P5Q3BI	0.284	0.225	0.179	0.228
				0.257
P5Q3BZ	0.584	0.276	0.248	0.318
				0.445
P5Q3CJ	0.646	0.315	0.314	0.343
				0.450
P5Q3C	0.352	0.306	0.141	0.159
				0.182
P5Q3O	0.585	0.237	0.361	0.325
				0.360
P5Q3R	0.505	0.328	0.231	0.236
				0.323
P5Q3S	0.571	0.240	0.368	0.293
				0.374
P5Q3T	0.551	0.236	0.292	0.278
				0.324
P5Q3U	0.403	0.251	0.171	0.171
				0.248
P5Q3V	0.524	0.152	0.172	0.147
				0.250
P5Q3AJ	0.559	0.232	0.284	0.296
				0.292
P5Q3BC	0.650	0.366	0.255	0.348
				0.408

| P5Q3BN | 0.574 | 0.285 | 0.336 | 0.291 |
| 0.391 |
| P5Q3CF | 0.528 | 0.333 | 0.200 | 0.287 |
| 0.407 |
| P5Q3CG | 0.579 | 0.376 | 0.326 | 0.391 |
| 0.461 |
| P5Q3CH | 0.514 | 0.402 | 0.300 | 0.326 |
| 0.478 |
| P5Q3CI | 0.468 | 0.356 | 0.329 | 0.389 |
| 0.460 |
| P5Q3CN | 0.418 | 0.301 | 0.248 | 0.275 |
| 0.292 |
| P5Q3CO | 0.546 | 0.284 | 0.191 | 0.255 |
| 0.322 |
| P5Q3CQ | 0.689 | 0.344 | 0.357 | 0.313 |
| 0.435 |
| P5Q3CW | 0.477 | 0.264 | 0.221 | 0.261 |
| 0.274 |

```
                  CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
                   P5Q3BO        P5Q3CU        P5Q3DA        P5Q3AS
       P5Q3AU

                   _____       _____       _____       _____

       _____
        P5Q3CU     0.385
        P5Q3DA     0.474         0.517
        P5Q3AS     0.280         0.278         0.288
        P5Q3AU     0.288         0.370         0.358         0.309
        P5Q3AZ     0.458         0.670         0.531         0.329
       0.359
        P5Q3BB1    0.283         0.431         0.390         0.268
       0.407
        P5Q3BB2    0.297         0.311         0.352         0.287
       0.306
        P5Q3BB5    0.185         0.250         0.279         0.203
       0.276
        P5Q3BB6    0.233         0.345         0.378         0.307
       0.478
        P5Q3BB7    0.260         0.367         0.384         0.269
       0.359
        P5Q3X      0.337         0.250         0.293         0.138
       0.226
        P5Q3AA     0.293         0.217         0.267         0.277
       0.136
        P5Q3AL     0.319         0.228         0.281         0.268
       0.262
        P5Q3AP     0.392         0.323         0.286         0.306
       0.223
        P5Q3BI     0.304         0.211         0.185         0.221
```

```
 0.133
  P5Q3BZ          0.493        0.361        0.430        0.335
 0.312
  P5Q3CJ          0.410        0.376        0.480        0.350
 0.327
  P5Q3C           0.215        0.246        0.219        0.255
 0.203
  P5Q30           0.421        0.351        0.415        0.273
 0.270
  P5Q3R           0.292        0.323        0.341        0.290
 0.231
  P5Q3S           0.352        0.247        0.367        0.289
 0.178
  P5Q3T           0.312        0.298        0.309        0.255
 0.196
  P5Q3U           0.296        0.298        0.275        0.254
 0.179
  P5Q3V           0.281        0.194        0.268        0.219
 0.099
  P5Q3AJ          0.258        0.253        0.335        0.324
 0.205
  P5Q3BC          0.458        0.440        0.504        0.351
 0.348
  P5Q3BN          0.355        0.357        0.379        0.293
 0.266
  P5Q3CF          0.396        0.360        0.404        0.351
 0.300
  P5Q3CG          0.479        0.386        0.470        0.366
 0.295
  P5Q3CH          0.378        0.463        0.473        0.374
 0.331
  P5Q3CI          0.455        0.477        0.474        0.312
 0.388
  P5Q3CN          0.315        0.294        0.369        0.261
 0.237
  P5Q3CO          0.321        0.316        0.356        0.278
 0.276
  P5Q3CQ          0.425        0.476        0.430        0.359
 0.319
  P5Q3CW          0.264        0.357        0.300        0.272
 0.289


              CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
                P5Q3AZ       P5Q3BB1      P5Q3BB2      P5Q3BB5
    P5Q3BB6

                _____      _____      _____      _____
   _____
   P5Q3BB1          0.553
   P5Q3BB2          0.452        0.672
```

P5Q3BB5	0.340	0.412	0.392	
P5Q3BB6	0.464	0.685	0.639	0.495
P5Q3BB7	0.437	0.565	0.555	0.409 0.743
P5Q3X	0.336	0.174	0.101	0.140 0.127
P5Q3AA	0.296	0.223	0.147	0.140 0.175
P5Q3AL	0.354	0.287	0.246	0.189 0.283
P5Q3AP	0.335	0.247	0.187	0.223 0.248
P5Q3BI	0.254	0.179	0.172	0.182 0.241
P5Q3BZ	0.380	0.244	0.255	0.263 0.227
P5Q3CJ	0.452	0.405	0.282	0.254 0.365
P5Q3C	0.241	0.243	0.205	0.132 0.218
P5Q3O	0.381	0.252	0.207	0.185 0.258
P5Q3R	0.359	0.261	0.161	0.164 0.240
P5Q3S	0.402	0.249	0.170	0.204 0.212
P5Q3T	0.406	0.301	0.175	0.251 0.238
P5Q3U	0.283	0.288	0.172	0.159 0.240
P5Q3V	0.309	0.171	0.118	0.147 0.168
P5Q3AJ	0.331	0.202	0.162	0.231 0.220
P5Q3BC	0.469	0.302	0.284	0.307 0.317
P5Q3BN	0.453	0.311	0.251	0.221 0.314
P5Q3CF	0.376	0.356	0.283	0.218 0.330
P5Q3CG	0.458	0.335	0.327	0.270 0.351
P5Q3CH	0.467	0.404	0.358	0.241 0.351
P5Q3CI	0.443	0.351	0.289	0.275 0.329
P5Q3CN	0.316	0.265	0.213	0.233 0.263
P5Q3CO	0.312	0.304	0.215	0.199 0.312

P5Q3CQ	0.504	0.310	0.266	0.257
0.368				
P5Q3CW	0.453	0.255	0.208	0.218
0.295				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3BB7	P5Q3X	P5Q3AA	P5Q3AL
P5Q3AP				
_____	_____	_____	_____	_____
P5Q3X	0.193			
P5Q3AA	0.205	0.456		
P5Q3AL	0.311	0.387	0.567	
P5Q3AP	0.217	0.423	0.606	0.484
P5Q3BI	0.253	0.195	0.274	0.279
0.241				
P5Q3BZ	0.376	0.399	0.526	0.473
0.636				
P5Q3CJ	0.409	0.381	0.482	0.505
0.491				
P5Q3C	0.128	0.295	0.464	0.330
0.392				
P5Q3O	0.283	0.495	0.520	0.486
0.507				
P5Q3R	0.147	0.340	0.417	0.317
0.379				
P5Q3S	0.256	0.429	0.536	0.498
0.540				
P5Q3T	0.277	0.450	0.542	0.441
0.557				
P5Q3U	0.206	0.410	0.707	0.425
0.527				
P5Q3V	0.194	0.404	0.723	0.549
0.507				
P5Q3AJ	0.282	0.413	0.563	0.593
0.475				
P5Q3BC	0.440	0.434	0.467	0.469
0.480				
P5Q3BN	0.230	0.393	0.457	0.333
0.451				
P5Q3CF	0.291	0.345	0.482	0.375
0.467				
P5Q3CG	0.277	0.393	0.375	0.324
0.397				
P5Q3CH	0.327	0.345	0.354	0.324
0.412				
P5Q3CI	0.422	0.340	0.255	0.289
0.429				
P5Q3CN	0.284	0.333	0.432	0.408

```
0.444
 P5Q3CO        0.237         0.401         0.513         0.372
0.428
 P5Q3CQ        0.377         0.501         0.586         0.514
0.512
 P5Q3CW        0.234         0.364         0.411         0.365
0.387
```

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C	P5Q3O
P5Q3BZ	0.225				
P5Q3CJ	0.258	0.619			
P5Q3C	0.261	0.340	0.427		
P5Q3O	0.232	0.566	0.531	0.515	
P5Q3R	0.282	0.383	0.349	0.449	0.465
P5Q3S	0.229	0.546	0.499	0.381	0.616
P5Q3T	0.210	0.579	0.509	0.414	0.607
P5Q3U	0.241	0.482	0.442	0.527	0.549
P5Q3V	0.257	0.492	0.426	0.406	0.530
P5Q3AJ	0.252	0.525	0.582	0.440	0.651
P5Q3BC	0.266	0.601	0.658	0.439	0.678
P5Q3BN	0.276	0.464	0.525	0.513	0.489
P5Q3CF	0.314	0.480	0.494	0.500	0.515
P5Q3CG	0.300	0.456	0.512	0.432	0.508
P5Q3CH	0.226	0.440	0.447	0.397	0.367
P5Q3CI	0.306	0.465	0.494	0.218	0.353
P5Q3CN	0.350	0.372	0.416	0.426	0.569
P5Q3CO	0.266	0.455	0.552	0.548	0.542
P5Q3CQ	0.295	0.633	0.647	0.486	0.696
P5Q3CW	0.299	0.425	0.462	0.384	0.401

```
            CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
              P5Q3R          P5Q3S          P5Q3T          P5Q3U
   P5Q3V

_____
             _____       _____       _____       _____

   P5Q3S      0.556
   P5Q3T      0.458          0.821
   P5Q3U      0.447          0.535          0.573
   P5Q3V      0.374          0.503          0.519          0.743
   P5Q3AJ     0.456          0.509          0.561          0.429
0.623
   P5Q3BC     0.431          0.562          0.599          0.471
0.471
   P5Q3BN     0.447          0.509          0.513          0.494
0.353
   P5Q3CF     0.450          0.453          0.431          0.521
0.406
   P5Q3CG     0.451          0.467          0.442          0.392
0.331
   P5Q3CH     0.427          0.417          0.397          0.461
0.301
   P5Q3CI     0.363          0.342          0.339          0.306
0.221
   P5Q3CN     0.431          0.384          0.431          0.387
0.371
   P5Q3CO     0.476          0.490          0.519          0.566
0.469
   P5Q3CQ     0.451          0.535          0.633          0.545
0.530
   P5Q3CW     0.451          0.431          0.428          0.380
0.345


            CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
              P5Q3AJ         P5Q3BC         P5Q3BN         P5Q3CF
   P5Q3CG

_____
             _____       _____       _____       _____

   P5Q3BC     0.693
   P5Q3BN     0.485          0.565
   P5Q3CF     0.419          0.512          0.517
   P5Q3CG     0.444          0.578          0.539          0.651
   P5Q3CH     0.354          0.420          0.484          0.571
0.627
   P5Q3CI     0.335          0.452          0.416          0.447
0.526
   P5Q3CN     0.521          0.536          0.482          0.449
0.451
```

```
 P5Q3CO          0.593          0.619          0.650          0.643
0.592
 P5Q3CQ          0.696          0.790          0.654          0.588
0.573
 P5Q3CW          0.430          0.456          0.553          0.461
0.473
```

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3CH	P5Q3CI	P5Q3CN	P5Q3CO
P5Q3CQ				
P5Q3CI	0.555			
P5Q3CN	0.370	0.448		
P5Q3CO	0.519	0.395	0.509	
P5Q3CQ	0.525	0.543	0.590	0.703
P5Q3CW	0.382	0.432	0.468	0.517
0.528				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

```
              P5Q3CW

             _____
```

UNIVARIATE SAMPLE STATISTICS

     UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/	Mean/	Skewness/	Minimum/	% with
Percentiles				
Sample Size	Variance	Kurtosis	Maximum	Min/Max
20%/60% 40%/80%	Median			

```
   THREATCOMP            0.009      1.947     -1.128     0.03%
-0.420     -0.205     -0.092
             3246.000      0.286     11.853      7.103     0.03%
0.029      0.368
   DEPCOMP               0.003      1.339     -1.473     0.03%
-0.429     -0.194     -0.078
             3246.000      0.284      4.302      4.020     0.03%
0.057      0.374
   POVCO_AVG             2.113      3.285      0.120     0.03%
0.754      1.187      1.462
             3246.000      4.389     16.963     21.163     0.03%
1.798      3.018
   RACE_AA               0.490      0.038      0.000    50.96%
0.000      0.000      0.000
```

```
          3246.000          0.250         -1.999         1.000    49.04%
1.000      1.000
     RACE_C                  0.181          1.658         0.000    81.92%
0.000      0.000         0.000
          3246.000          0.148          0.751         1.000    18.08%
0.000      0.000
     RACE_L                  0.249          1.161         0.000    75.11%
0.000      0.000         0.000
          3246.000          0.187         -0.651         1.000    24.89%
0.000      1.000
     CM1BSEX                 0.488          0.047         0.000    51.17%
0.000      0.000         0.000
          3246.000          0.250         -1.998         1.000    48.83%
1.000      1.000
```

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters   393

Chi-Square Test of Model Fit

        Value   10745.500*
        Degrees of Freedom   5611
        P-Value   0.0000

*   The chi-square value for MLM, MLMV, MLR, ULSMV, WLSM and WLSMV
cannot be used
    for chi-square difference testing in the regular way. MLM, MLR
and WLSM
    chi-square difference testing is described on the Mplus website.
MLMV, WLSMV,
    and ULSMV difference testing is done using the DIFFTEST option.

RMSEA (Root Mean Square Error Of Approximation)

        Estimate   0.017
        90 Percent C.I.   0.016 0.017
        Probability RMSEA <= .05   1.000

CFI/TLI

        CFI   0.751
        TLI   0.745

Chi-Square Test of Model Fit for the Baseline Model

```
                  Value                        26382.171
                  Degrees of Freedom               5757
                  P-Value                        0.0000

SRMR (Standardized Root Mean Square Residual)

                  Value                           0.115

Optimum Function Value for Weighted Least-Squares Estimator

                  Value                   0.13865699D+02


MODEL RESULTS

                                                    Two-Tailed
                      Estimate      S.E.    Est./S.E.    P-Value

SC15      BY
   K6B1A_R            0.520        0.018    28.607       0.000
   K6B1B_R            0.610        0.019    32.893       0.000
   K6B1C_R            0.610        0.015    39.543       0.000
   K6B1D_R            0.502        0.021    23.731       0.000

SC9       BY
   K5E1A              0.193        0.017    11.304       0.000
   K5E1B              0.150        0.020     7.340       0.000
   K5E1C              0.214        0.018    11.978       0.000
   K5E1D              0.212        0.022     9.577       0.000

INTERNAL BY
   K6D2AG_R           0.272        0.038     7.117       0.000
   K6D2AI_R           0.205        0.029     7.072       0.000
   K6D2D_R            0.229        0.033     6.938       0.000
   K6D2J_R            0.202        0.029     7.015       0.000
   K6D2T_R            0.245        0.036     6.810       0.000
   K6D2AC_R           0.311        0.044     7.062       0.000
   K6D2AK_R           0.202        0.029     6.972       0.000
   K6D2C_R            0.216        0.031     7.061       0.000
   K6D2N_R            0.290        0.041     7.030       0.000
   K6D2X_R            0.278        0.040     6.982       0.000

EXTERN    BY
   K6D2A_R            0.436        0.016    27.584       0.000
   K6D2P_R            0.605        0.011    56.110       0.000
   K6D2R_R            0.472        0.019    24.311       0.000
   K6D2Z_R            0.463        0.013    35.943       0.000
   K6D2AB_R           0.501        0.017    29.979       0.000
```

K6D2AJ_R	0.632	0.009	73.566	0.000
K6D61C	0.792	0.008	103.028	0.000
K6D61D	0.527	0.014	38.980	0.000
K6D61E	0.493	0.021	24.003	0.000
K6D61K	0.765	0.011	69.914	0.000
K6D61L	0.477	0.017	28.203	0.000
K6D61M	0.409	0.020	20.020	0.000
K6D40_R	0.552	0.029	18.942	0.000
K6D48_R	0.488	0.015	33.448	0.000
K6F63_R	0.505	0.015	32.699	0.000
K6F68_R	0.562	0.037	15.204	0.000
K6F74_R	0.568	0.031	18.496	0.000

PAF   BY

K6D2B_R	0.578	0.018	31.585	0.000
K6D2F_R	0.510	0.012	41.704	0.000
K6D2G_R	0.342	0.019	18.447	0.000
K6D2I_R	0.377	0.016	24.093	0.000
K6D2K_R	0.425	0.016	25.954	0.000
K6D2L_R	0.545	0.021	26.087	0.000
K6D2M_R	0.436	0.015	29.926	0.000
K6D2O_R	0.436	0.013	34.318	0.000
K6D2S_R	0.662	0.014	48.078	0.000
K6D2V_R	0.448	0.020	22.506	0.000
K6D2W_R	0.497	0.012	43.189	0.000
K6D2Y_R	0.495	0.019	26.575	0.000
K6D2AA_R	0.541	0.017	32.750	0.000
K6D2AE_R	0.369	0.013	27.899	0.000
K6D2AF_R	0.480	0.016	29.924	0.000
K6D2AH_R	0.366	0.014	26.222	0.000

INCBCL   BY

P5Q3M	0.519	0.022	23.989	0.000
P5Q3AB	0.453	0.025	18.188	0.000
P5Q3AD	0.586	0.026	22.555	0.000
P5Q3AF	0.675	0.019	35.254	0.000
P5Q3AH	0.819	0.020	40.018	0.000
P5Q3AR	0.593	0.038	15.435	0.000
P5Q3AV	0.697	0.016	44.294	0.000
P5Q3AX	0.777	0.022	34.632	0.000
P5Q3BQ	0.547	0.016	35.088	0.000
P5Q3CK	0.811	0.024	33.541	0.000
P5Q3DB	0.577	0.022	26.662	0.000
P5Q3E	0.429	0.025	17.488	0.000
P5Q3A0	0.564	0.021	27.166	0.000
P5Q3BK	0.636	0.029	21.719	0.000
P5Q3B0	0.572	0.021	26.992	0.000
P5Q3CU	0.661	0.019	35.586	0.000
P5Q3DA	0.696	0.017	40.398	0.000
P5Q3AS	0.541	0.018	30.307	0.000

P5Q3AU	0.548	0.029	18.804	0.000
P5Q3AZ	0.760	0.016	46.600	0.000
P5Q3BB1	0.683	0.018	37.893	0.000
P5Q3BB2	0.578	0.020	29.361	0.000
P5Q3BB5	0.434	0.020	21.227	0.000
P5Q3BB6	0.690	0.020	35.048	0.000
P5Q3BB7	0.629	0.027	23.023	0.000
EXCBCL BY				
P5Q3X	0.572	0.016	36.654	0.000
P5Q3AA	0.766	0.014	55.342	0.000
P5Q3AL	0.616	0.016	37.535	0.000
P5Q3AP	0.679	0.015	44.828	0.000
P5Q3BI	0.386	0.025	15.437	0.000
P5Q3BZ	0.714	0.031	22.790	0.000
P5Q3CJ	0.716	0.032	22.528	0.000
P5Q3C	0.622	0.020	30.413	0.000
P5Q3O	0.762	0.016	48.944	0.000
P5Q3R	0.608	0.019	32.395	0.000
P5Q3S	0.773	0.013	57.607	0.000
P5Q3T	0.776	0.016	47.026	0.000
P5Q3U	0.745	0.011	66.091	0.000
P5Q3V	0.739	0.012	61.583	0.000
P5Q3AJ	0.760	0.021	36.581	0.000
P5Q3BC	0.781	0.021	36.527	0.000
P5Q3BN	0.715	0.022	32.515	0.000
P5Q3CF	0.727	0.015	47.758	0.000
P5Q3CG	0.688	0.014	49.713	0.000
P5Q3CH	0.621	0.024	25.594	0.000
P5Q3CI	0.561	0.029	19.491	0.000
P5Q3CN	0.641	0.019	34.487	0.000
P5Q3CO	0.758	0.007	111.746	0.000
P5Q3CQ	0.855	0.021	40.414	0.000
P5Q3CW	0.602	0.015	40.339	0.000
SC9 ON				
INCBCL	−0.144	0.034	−4.176	0.000
EXCBCL	−0.123	0.025	−4.999	0.000
EXTERN ON				
SC9	−0.525	0.019	−27.263	0.000
INTERNAL ON				
SC9	−2.577	0.411	−6.278	0.000
PAF ON				
SC9	0.831	0.051	16.216	0.000
SC15 ON				
EXTERN	−0.152	0.021	−7.256	0.000

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    INTERNALIZ        -0.006       0.010      -0.572       0.567
    PAF                0.512       0.035      14.794       0.000

INCBCL     ON
    DEPCOMP            0.421       0.046       9.064       0.000
    THREATCOMP         0.304       0.062       4.908       0.000
    POVCO_AVG         -0.045       0.010      -4.673       0.000
    RACE_AA           -0.188       0.093      -2.027       0.043
    RACE_C             0.217       0.093       2.338       0.019
    RACE_L             0.061       0.101       0.600       0.549
    CM1BSEX           -0.031       0.035      -0.872       0.383

EXCBCL     ON
    DEPCOMP            0.255       0.039       6.484       0.000
    THREATCOMP         0.526       0.046      11.320       0.000
    POVCO_AVG         -0.098       0.014      -7.213       0.000
    RACE_AA           -0.060       0.077      -0.781       0.435
    RACE_C             0.241       0.083       2.911       0.004
    RACE_L            -0.073       0.081      -0.903       0.367
    CM1BSEX           -0.244       0.044      -5.501       0.000

EXTERN     ON
    THREATCOMP         0.278       0.032       8.661       0.000
    DEPCOMP            0.000       0.045       0.005       0.996
    POVCO_AVG         -0.100       0.011      -8.915       0.000
    RACE_AA           -0.067       0.081      -0.831       0.406
    RACE_C            -0.156       0.106      -1.473       0.141
    RACE_L            -0.087       0.105      -0.832       0.406
    CM1BSEX           -0.134       0.036      -3.768       0.000

INTERNAL ON
    THREATCOMP         0.047       0.127       0.370       0.712
    DEPCOMP            0.188       0.145       1.300       0.194
    POVCO_AVG         -0.094       0.037      -2.576       0.010
    RACE_AA           -0.451       0.221      -2.040       0.041
    RACE_C            -0.044       0.167      -0.262       0.794
    RACE_L            -0.166       0.256      -0.649       0.516
    CM1BSEX            0.725       0.113       6.417       0.000

PAF        ON
    THREATCOMP        -0.007       0.031      -0.236       0.813
    DEPCOMP           -0.252       0.066      -3.831       0.000
    POVCO_AVG         -0.006       0.016      -0.376       0.707
    RACE_AA            0.278       0.120       2.312       0.021
    RACE_C            -0.005       0.116      -0.047       0.963
    RACE_L             0.260       0.076       3.398       0.001
    CM1BSEX           -0.250       0.040      -6.228       0.000

EXTERN     WITH
    EXCBCL             0.171       0.023       7.481       0.000
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INTERNAL WITH
    INCBCL   0.015   0.067   0.223   0.823

Thresholds
    K6B1A_R$1   −1.796   0.062   −28.788   0.000
    K6B1A_R$2   −1.246   0.063   −19.732   0.000
    K6B1A_R$3   0.017   0.065   0.254   0.800
    K6B1B_R$1   −1.901   0.072   −26.276   0.000
    K6B1B_R$2   −1.329   0.080   −16.583   0.000
    K6B1B_R$3   −0.217   0.084   −2.590   0.010
    K6B1C_R$1   −1.652   0.060   −27.753   0.000
    K6B1C_R$2   −1.243   0.067   −18.533   0.000
    K6B1C_R$3   −0.193   0.072   −2.685   0.007
    K6B1D_R$1   −1.855   0.084   −22.038   0.000
    K6B1D_R$2   −1.392   0.085   −16.332   0.000
    K6B1D_R$3   −0.361   0.081   −4.462   0.000
    K5E1A$1   −1.265   0.077   −16.352   0.000
    K5E1A$2   −0.865   0.079   −10.985   0.000
    K5E1A$3   −0.587   0.084   −6.979   0.000
    K5E1A$4   −0.175   0.084   −2.073   0.038
    K5E1B$1   −0.970   0.060   −16.258   0.000
    K5E1B$2   −0.565   0.073   −7.727   0.000
    K5E1B$3   −0.271   0.074   −3.644   0.000
    K5E1B$4   0.190   0.077   2.483   0.013
    K5E1C$1   −1.288   0.124   −10.375   0.000
    K5E1C$2   −0.931   0.119   −7.809   0.000
    K5E1C$3   −0.629   0.105   −6.017   0.000
    K5E1C$4   −0.178   0.106   −1.688   0.091
    K5E1D$1   −1.301   0.114   −11.452   0.000
    K5E1D$2   −1.001   0.100   −9.987   0.000
    K5E1D$3   −0.762   0.099   −7.694   0.000
    K5E1D$4   −0.376   0.103   −3.668   0.000
    K6D2AG_R$1   0.203   0.086   2.356   0.018
    K6D2AG_R$2   0.749   0.088   8.512   0.000
    K6D2AG_R$3   1.757   0.101   17.462   0.000
    K6D2AI_R$1   0.218   0.089   2.457   0.014
    K6D2AI_R$2   0.763   0.081   9.470   0.000
    K6D2AI_R$3   1.511   0.089   16.922   0.000
    K6D2D_R$1   0.278   0.076   3.661   0.000
    K6D2D_R$2   0.819   0.079   10.311   0.000
    K6D2D_R$3   1.664   0.089   18.621   0.000
    K6D2J_R$1   −0.598   0.080   −7.437   0.000
    K6D2J_R$2   0.101   0.067   1.516   0.130
    K6D2J_R$3   1.282   0.067   19.027   0.000
    K6D2T_R$1   0.502   0.071   7.111   0.000
    K6D2T_R$2   0.946   0.070   13.491   0.000
    K6D2T_R$3   1.748   0.084   20.848   0.000
    K6D2AC_R$1   0.367   0.080   4.579   0.000
    K6D2AC_R$2   0.813   0.077   10.553   0.000

K6D2AC_R$3	1.694	0.092	18.492	0.000
K6D2AK_R$1	−0.339	0.062	−5.504	0.000
K6D2AK_R$2	0.203	0.060	3.393	0.001
K6D2AK_R$3	1.092	0.053	20.495	0.000
K6D2C_R$1	−0.418	0.070	−5.956	0.000
K6D2C_R$2	0.063	0.067	0.940	0.347
K6D2C_R$3	1.079	0.077	13.932	0.000
K6D2N_R$1	0.182	0.091	1.993	0.046
K6D2N_R$2	0.765	0.091	8.418	0.000
K6D2N_R$3	1.737	0.098	17.805	0.000
K6D2X_R$1	0.950	0.158	6.006	0.000
K6D2X_R$2	1.377	0.153	8.993	0.000
K6D2X_R$3	2.130	0.163	13.075	0.000
K6D2A_R$1	−1.019	0.063	−16.290	0.000
K6D2A_R$2	−0.427	0.061	−7.006	0.000
K6D2A_R$3	0.860	0.072	11.871	0.000
K6D2P_R$1	−0.882	0.077	−11.429	0.000
K6D2P_R$2	−0.279	0.083	−3.357	0.001
K6D2P_R$3	0.835	0.097	8.636	0.000
K6D2R_R$1	−1.157	0.080	−14.522	0.000
K6D2R_R$2	−0.423	0.076	−5.577	0.000
K6D2R_R$3	0.876	0.085	10.314	0.000
K6D2Z_R$1	−1.111	0.087	−12.708	0.000
K6D2Z_R$2	−0.492	0.087	−5.660	0.000
K6D2Z_R$3	0.812	0.092	8.792	0.000
K6D2AB_R$1	−0.836	0.083	−10.117	0.000
K6D2AB_R$2	−0.190	0.079	−2.396	0.017
K6D2AB_R$3	0.850	0.083	10.176	0.000
K6D2AJ_R$1	−0.464	0.075	−6.175	0.000
K6D2AJ_R$2	0.050	0.074	0.677	0.498
K6D2AJ_R$3	0.971	0.086	11.240	0.000
K6D61C$1	1.195	0.131	9.132	0.000
K6D61C$2	1.968	0.134	14.745	0.000
K6D61C$3	2.263	0.138	16.371	0.000
K6D61D$1	0.171	0.132	1.299	0.194
K6D61D$2	1.114	0.131	8.527	0.000
K6D61D$3	1.567	0.120	13.020	0.000
K6D61E$1	0.965	0.129	7.450	0.000
K6D61E$2	1.794	0.119	15.138	0.000
K6D61E$3	2.166	0.140	15.487	0.000
K6D61K$1	1.259	0.124	10.176	0.000
K6D61K$2	2.075	0.125	16.593	0.000
K6D61K$3	2.326	0.140	16.660	0.000
K6D61L$1	0.718	0.128	5.607	0.000
K6D61L$2	1.596	0.132	12.069	0.000
K6D61L$3	1.957	0.139	14.101	0.000
K6D61M$1	0.394	0.125	3.137	0.002
K6D61M$2	1.290	0.127	10.130	0.000
K6D61M$3	1.665	0.125	13.337	0.000
K6D40_R$1	1.025	0.194	5.285	0.000

K6D48_R$1	0.797	0.142	5.615	0.000
K6F63_R$1	0.569	0.137	4.143	0.000
K6F68_R$1	1.952	0.143	13.648	0.000
K6F74_R$1	1.969	0.204	9.652	0.000
K6D2B_R$1	−2.127	0.126	−16.819	0.000
K6D2B_R$2	−1.700	0.122	−13.951	0.000
K6D2B_R$3	−0.676	0.107	−6.319	0.000
K6D2F_R$1	−1.812	0.102	−17.760	0.000
K6D2F_R$2	−1.317	0.105	−12.576	0.000
K6D2F_R$3	−0.055	0.100	−0.549	0.583
K6D2G_R$1	−2.129	0.126	−16.858	0.000
K6D2G_R$2	−1.854	0.094	−19.794	0.000
K6D2G_R$3	−0.852	0.085	−10.056	0.000
K6D2I_R$1	−1.873	0.097	−19.370	0.000
K6D2I_R$2	−1.166	0.098	−11.873	0.000
K6D2I_R$3	0.216	0.105	2.069	0.039
K6D2K_R$1	−2.188	0.100	−21.870	0.000
K6D2K_R$2	−1.464	0.088	−16.553	0.000
K6D2K_R$3	−0.036	0.083	−0.437	0.662
K6D2L_R$1	−2.395	0.136	−17.585	0.000
K6D2L_R$2	−2.005	0.124	−16.207	0.000
K6D2L_R$3	−1.051	0.129	−8.138	0.000
K6D2M_R$1	−2.216	0.085	−26.004	0.000
K6D2M_R$2	−1.512	0.069	−21.980	0.000
K6D2M_R$3	0.106	0.072	1.476	0.140
K6D2O_R$1	−1.478	0.104	−14.242	0.000
K6D2O_R$2	−1.148	0.101	−11.409	0.000
K6D2O_R$3	−0.211	0.093	−2.262	0.024
K6D2S_R$1	−2.121	0.100	−21.239	0.000
K6D2S_R$2	−1.557	0.097	−16.067	0.000
K6D2S_R$3	−0.331	0.096	−3.457	0.001
K6D2V_R$1	−2.340	0.121	−19.314	0.000
K6D2V_R$2	−1.834	0.115	−15.970	0.000
K6D2V_R$3	−0.220	0.130	−1.699	0.089
K6D2W_R$1	−2.080	0.114	−18.163	0.000
K6D2W_R$2	−1.369	0.106	−12.860	0.000
K6D2W_R$3	−0.068	0.115	−0.597	0.550
K6D2Y_R$1	−2.051	0.087	−23.448	0.000
K6D2Y_R$2	−1.565	0.093	−16.768	0.000
K6D2Y_R$3	−0.585	0.102	−5.717	0.000
K6D2AA_R$1	−2.218	0.121	−18.387	0.000
K6D2AA_R$2	−1.670	0.107	−15.624	0.000
K6D2AA_R$3	−0.437	0.101	−4.314	0.000
K6D2AE_R$1	−1.888	0.079	−24.028	0.000
K6D2AE_R$2	−1.142	0.059	−19.328	0.000
K6D2AE_R$3	0.364	0.066	5.512	0.000
K6D2AF_R$1	−2.019	0.083	−24.429	0.000
K6D2AF_R$2	−1.687	0.082	−20.628	0.000
K6D2AF_R$3	−0.565	0.078	−7.207	0.000
K6D2AH_R$1	−1.597	0.088	−18.105	0.000

K6D2AH_R$2	−1.190	0.091	−13.088	0.000
K6D2AH_R$3	0.044	0.096	0.460	0.646
P5Q3M$1	0.734	0.095	7.731	0.000
P5Q3M$2	1.803	0.099	18.170	0.000
P5Q3AB$1	0.713	0.068	10.512	0.000
P5Q3AB$2	2.164	0.101	21.359	0.000
P5Q3AD$1	0.838	0.104	8.070	0.000
P5Q3AD$2	1.940	0.152	12.795	0.000
P5Q3AF$1	1.211	0.120	10.123	0.000
P5Q3AF$2	2.324	0.110	21.088	0.000
P5Q3AH$1	1.600	0.154	10.420	0.000
P5Q3AH$2	2.553	0.132	19.392	0.000
P5Q3AR$1	1.210	0.111	10.897	0.000
P5Q3AR$2	2.270	0.115	19.686	0.000
P5Q3AV$1	1.069	0.123	8.683	0.000
P5Q3AV$2	2.239	0.163	13.730	0.000
P5Q3AX$1	1.335	0.112	11.885	0.000
P5Q3AX$2	2.394	0.125	19.202	0.000
P5Q3BQ$1	0.236	0.115	2.041	0.041
P5Q3BQ$2	1.846	0.116	15.907	0.000
P5Q3CK$1	2.036	0.267	7.615	0.000
P5Q3CK$2	2.623	0.277	9.475	0.000
P5Q3DB$1	0.397	0.087	4.556	0.000
P5Q3DB$2	1.864	0.103	18.173	0.000
P5Q3E$1	0.921	0.107	8.622	0.000
P5Q3E$2	1.857	0.115	16.093	0.000
P5Q3A0$1	0.831	0.107	7.753	0.000
P5Q3A0$2	1.951	0.121	16.171	0.000
P5Q3BK$1	1.046	0.098	10.720	0.000
P5Q3BK$2	2.169	0.112	19.338	0.000
P5Q3B0$1	0.714	0.092	7.805	0.000
P5Q3B0$2	2.064	0.098	21.043	0.000
P5Q3CU$1	1.462	0.131	11.159	0.000
P5Q3CU$2	2.357	0.143	16.475	0.000
P5Q3DA$1	1.213	0.125	9.736	0.000
P5Q3DA$2	2.372	0.147	16.142	0.000
P5Q3AS$1	0.815	0.118	6.928	0.000
P5Q3AS$2	2.502	0.130	19.179	0.000
P5Q3AU$1	1.499	0.130	11.537	0.000
P5Q3AU$2	2.472	0.140	17.688	0.000
P5Q3AZ$1	1.738	0.196	8.847	0.000
P5Q3AZ$2	2.653	0.186	14.288	0.000
P5Q3BB1$1	1.176	0.164	7.166	0.000
P5Q3BB1$2	2.246	0.184	12.234	0.000
P5Q3BB2$1	0.737	0.126	5.841	0.000
P5Q3BB2$2	2.008	0.124	16.214	0.000
P5Q3BB5$1	1.132	0.091	12.458	0.000
P5Q3BB5$2	2.013	0.093	21.756	0.000
P5Q3BB6$1	1.135	0.141	8.057	0.000
P5Q3BB6$2	2.429	0.168	14.423	0.000

P5Q3BB7$1	1.619	0.181	8.969	0.000
P5Q3BB7$2	2.535	0.186	13.652	0.000
P5Q3X$1	0.594	0.107	5.564	0.000
P5Q3X$2	1.778	0.129	13.767	0.000
P5Q3AA$1	−0.116	0.089	−1.309	0.190
P5Q3AA$2	1.751	0.119	14.709	0.000
P5Q3AL$1	1.027	0.121	8.503	0.000
P5Q3AL$2	2.265	0.154	14.683	0.000
P5Q3AP$1	0.565	0.078	7.239	0.000
P5Q3AP$2	2.257	0.086	26.116	0.000
P5Q3BI$1	0.254	0.089	2.858	0.004
P5Q3BI$2	1.619	0.086	18.927	0.000
P5Q3BZ$1	1.973	0.250	7.906	0.000
P5Q3BZ$2	2.702	0.239	11.303	0.000
P5Q3CJ$1	1.272	0.137	9.276	0.000
P5Q3CJ$2	2.309	0.130	17.808	0.000
P5Q3C$1	−0.178	0.111	−1.612	0.107
P5Q3C$2	1.194	0.108	11.058	0.000
P5Q30$1	0.940	0.145	6.483	0.000
P5Q30$2	1.979	0.169	11.703	0.000
P5Q3R$1	0.186	0.071	2.627	0.009
P5Q3R$2	1.346	0.075	17.927	0.000
P5Q3S$1	0.718	0.080	9.004	0.000
P5Q3S$2	1.700	0.105	16.121	0.000
P5Q3T$1	0.669	0.089	7.510	0.000
P5Q3T$2	1.918	0.146	13.127	0.000
P5Q3U$1	−0.104	0.096	−1.082	0.279
P5Q3U$2	1.773	0.100	17.664	0.000
P5Q3V$1	0.290	0.115	2.529	0.011
P5Q3V$2	1.811	0.106	17.113	0.000
P5Q3AJ$1	1.112	0.138	8.047	0.000
P5Q3AJ$2	2.082	0.150	13.916	0.000
P5Q3BC$1	1.344	0.119	11.332	0.000
P5Q3BC$2	2.223	0.140	15.836	0.000
P5Q3BN$1	0.736	0.077	9.601	0.000
P5Q3BN$2	1.833	0.086	21.349	0.000
P5Q3CF$1	0.302	0.119	2.549	0.011
P5Q3CF$2	1.793	0.145	12.349	0.000
P5Q3CG$1	0.560	0.064	8.747	0.000
P5Q3CG$2	2.024	0.088	22.949	0.000
P5Q3CH$1	1.017	0.070	14.589	0.000
P5Q3CH$2	2.219	0.091	24.261	0.000
P5Q3CI$1	1.277	0.098	13.050	0.000
P5Q3CI$2	2.477	0.131	18.917	0.000
P5Q3CN$1	0.756	0.102	7.417	0.000
P5Q3CN$2	2.063	0.088	23.324	0.000
P5Q3C0$1	0.312	0.076	4.123	0.000
P5Q3C0$2	1.505	0.081	18.562	0.000
P5Q3CQ$1	1.499	0.148	10.128	0.000
P5Q3CQ$2	2.284	0.148	15.413	0.000

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   P5Q3CW$1          0.760       0.092        8.240        0.000
   P5Q3CW$2          1.888       0.076       24.996        0.000

 Residual Variances
   SC15              1.000       0.000      999.000      999.000
   SC9               1.000       0.000      999.000      999.000
   INTERNALIZ        1.000       0.000      999.000      999.000
   EXTERN            1.000       0.000      999.000      999.000
   PAF               1.000       0.000      999.000      999.000
   INCBCL            1.000       0.000      999.000      999.000
   EXCBCL            1.000       0.000      999.000      999.000


STANDARDIZED MODEL RESULTS


STDYX Standardization

                                                   Two-Tailed
                  Estimate      S.E.    Est./S.E.    P-Value

 SC15     BY
   K6B1A_R          0.654       0.017       37.855        0.000
   K6B1B_R          0.767       0.017       46.035        0.000
   K6B1C_R          0.766       0.020       38.016        0.000
   K6B1D_R          0.631       0.023       27.678        0.000

 SC9      BY
   K5E1A            0.197       0.018       11.017        0.000
   K5E1B            0.153       0.021        7.346        0.000
   K5E1C            0.219       0.018       11.858        0.000
   K5E1D            0.216       0.023        9.568        0.000

 INTERNAL BY
   K6D2AG_R         0.771       0.011       72.933        0.000
   K6D2AI_R         0.584       0.015       38.922        0.000
   K6D2D_R          0.651       0.019       34.072        0.000
   K6D2J_R          0.574       0.016       35.588        0.000
   K6D2T_R          0.695       0.014       49.779        0.000
   K6D2AC_R         0.877       0.014       64.594        0.000
   K6D2AK_R         0.575       0.016       35.426        0.000
   K6D2C_R          0.613       0.017       35.484        0.000
   K6D2N_R          0.821       0.010       86.289        0.000
   K6D2X_R          0.788       0.016       49.947        0.000

 EXTERN   BY
   K6D2A_R          0.515       0.018       28.498        0.000
   K6D2P_R          0.708       0.010       72.512        0.000
   K6D2R_R          0.557       0.021       26.187        0.000
   K6D2Z_R          0.547       0.014       39.137        0.000
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K6D2AB_R	0.590	0.020	29.123	0.000
K6D2AJ_R	0.737	0.009	78.555	0.000
K6D61C	0.913	0.007	122.859	0.000
K6D61D	0.619	0.016	37.658	0.000
K6D61E	0.580	0.025	23.153	0.000
K6D61K	0.884	0.009	101.193	0.000
K6D61L	0.562	0.020	27.970	0.000
K6D61M	0.484	0.025	19.095	0.000
K6D40_R	0.647	0.033	19.443	0.000
K6D48_R	0.575	0.017	33.758	0.000
K6F63_R	0.594	0.017	34.059	0.000
K6F68_R	0.659	0.044	15.010	0.000
K6F74_R	0.666	0.036	18.293	0.000
PAF BY				
K6D2B_R	0.763	0.012	62.896	0.000
K6D2F_R	0.674	0.014	49.299	0.000
K6D2G_R	0.455	0.021	21.953	0.000
K6D2I_R	0.501	0.014	35.139	0.000
K6D2K_R	0.564	0.019	29.673	0.000
K6D2L_R	0.721	0.016	43.894	0.000
K6D2M_R	0.578	0.016	36.617	0.000
K6D2O_R	0.578	0.018	32.430	0.000
K6D2S_R	0.870	0.011	81.485	0.000
K6D2V_R	0.594	0.019	30.507	0.000
K6D2W_R	0.658	0.015	42.707	0.000
K6D2Y_R	0.654	0.021	31.587	0.000
K6D2AA_R	0.715	0.013	53.479	0.000
K6D2AE_R	0.490	0.014	35.427	0.000
K6D2AF_R	0.635	0.013	47.353	0.000
K6D2AH_R	0.486	0.016	30.560	0.000
INCBCL BY				
P5Q3M	0.541	0.022	24.651	0.000
P5Q3AB	0.474	0.026	18.548	0.000
P5Q3AD	0.609	0.027	22.901	0.000
P5Q3AF	0.696	0.019	36.434	0.000
P5Q3AH	0.835	0.019	43.284	0.000
P5Q3AR	0.615	0.039	15.933	0.000
P5Q3AV	0.718	0.015	46.731	0.000
P5Q3AX	0.794	0.022	35.519	0.000
P5Q3BQ	0.570	0.016	35.696	0.000
P5Q3CK	0.827	0.023	36.097	0.000
P5Q3DB	0.600	0.023	25.875	0.000
P5Q3E	0.450	0.025	18.330	0.000
P5Q3AO	0.586	0.020	28.680	0.000
P5Q3BK	0.658	0.029	22.893	0.000
P5Q3BO	0.595	0.022	26.760	0.000
P5Q3CU	0.682	0.018	37.502	0.000
P5Q3DA	0.717	0.017	41.591	0.000

P5Q3AS	0.563	0.018	31.255	0.000
P5Q3AU	0.571	0.030	19.011	0.000
P5Q3AZ	0.778	0.016	50.052	0.000
P5Q3BB1	0.704	0.017	40.269	0.000
P5Q3BB2	0.600	0.020	30.678	0.000
P5Q3BB5	0.455	0.021	22.183	0.000
P5Q3BB6	0.711	0.019	36.688	0.000
P5Q3BB7	0.651	0.027	24.047	0.000

EXCBCL   BY

P5Q3X	0.608	0.017	35.418	0.000
P5Q3AA	0.794	0.012	64.702	0.000
P5Q3AL	0.651	0.017	38.994	0.000
P5Q3AP	0.712	0.016	44.247	0.000
P5Q3BI	0.417	0.026	15.924	0.000
P5Q3BZ	0.745	0.031	24.163	0.000
P5Q3CJ	0.747	0.031	24.420	0.000
P5Q3C	0.656	0.020	33.120	0.000
P5Q3O	0.790	0.015	54.415	0.000
P5Q3R	0.643	0.017	37.908	0.000
P5Q3S	0.800	0.013	63.698	0.000
P5Q3T	0.803	0.015	51.944	0.000
P5Q3U	0.774	0.012	63.721	0.000
P5Q3V	0.769	0.013	60.992	0.000
P5Q3AJ	0.789	0.019	41.897	0.000
P5Q3BC	0.808	0.019	43.330	0.000
P5Q3BN	0.746	0.021	35.498	0.000
P5Q3CF	0.757	0.015	51.264	0.000
P5Q3CG	0.721	0.013	55.288	0.000
P5Q3CH	0.656	0.025	26.683	0.000
P5Q3CI	0.596	0.031	19.390	0.000
P5Q3CN	0.675	0.018	38.178	0.000
P5Q3CO	0.786	0.007	115.296	0.000
P5Q3CQ	0.875	0.019	45.450	0.000
P5Q3CW	0.637	0.014	45.422	0.000

SC9   ON

INCBCL	−0.149	0.035	−4.314	0.000
EXCBCL	−0.132	0.026	−5.147	0.000

EXTERN   ON

SC9	−0.450	0.011	−39.362	0.000

INTERNAL ON

SC9	−0.920	0.020	−46.345	0.000

PAF   ON

SC9	0.637	0.020	31.652	0.000

SC15   ON

EXTERN	−0.144	0.020	−7.341	0.000
INTERNALIZ	−0.014	0.024	−0.578	0.563
PAF	0.541	0.027	20.196	0.000

INCBCL   ON

DEPCOMP	0.212	0.023	9.081	0.000
THREATCOMP	0.153	0.031	4.989	0.000
POVCO_AVG	−0.088	0.019	−4.687	0.000
RACE_AA	−0.089	0.044	−2.025	0.043
RACE_C	0.079	0.034	2.344	0.019
RACE_L	0.025	0.041	0.600	0.549
CM1BSEX	−0.015	0.017	−0.873	0.383

EXCBCL   ON

DEPCOMP	0.124	0.019	6.421	0.000
THREATCOMP	0.257	0.021	12.023	0.000
POVCO_AVG	−0.187	0.025	−7.527	0.000
RACE_AA	−0.027	0.035	−0.781	0.435
RACE_C	0.085	0.029	2.924	0.003
RACE_L	−0.029	0.032	−0.903	0.366
CM1BSEX	−0.111	0.020	−5.512	0.000

EXTERN   ON

THREATCOMP	0.124	0.014	8.829	0.000
DEPCOMP	0.000	0.020	0.005	0.996
POVCO_AVG	−0.176	0.019	−9.138	0.000
RACE_AA	−0.028	0.034	−0.829	0.407
RACE_C	−0.050	0.034	−1.473	0.141
RACE_L	−0.032	0.038	−0.831	0.406
CM1BSEX	−0.056	0.015	−3.767	0.000

INTERNAL ON

THREATCOMP	0.009	0.024	0.366	0.714
DEPCOMP	0.035	0.027	1.287	0.198
POVCO_AVG	−0.069	0.020	−3.417	0.001
RACE_AA	−0.079	0.038	−2.047	0.041
RACE_C	−0.006	0.023	−0.259	0.795
RACE_L	−0.025	0.038	−0.665	0.506
CM1BSEX	0.126	0.012	10.420	0.000

PAF   ON

THREATCOMP	−0.003	0.013	−0.237	0.813
DEPCOMP	−0.101	0.025	−4.068	0.000
POVCO_AVG	−0.009	0.025	−0.376	0.707
RACE_AA	0.104	0.044	2.360	0.018
RACE_C	−0.002	0.033	−0.047	0.963
RACE_L	0.084	0.024	3.504	0.000
CM1BSEX	−0.094	0.015	−6.464	0.000

EXTERN   WITH

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         EXCBCL          0.171      0.023      7.481      0.000

INTERNAL WITH
         INCBCL          0.015      0.067      0.223      0.823

Thresholds
     K6B1A_R$1          -1.790      0.062    -28.663      0.000
     K6B1A_R$2          -1.242      0.063    -19.707      0.000
     K6B1A_R$3           0.016      0.065      0.254      0.800
     K6B1B_R$1          -1.893      0.072    -26.225      0.000
     K6B1B_R$2          -1.324      0.080    -16.548      0.000
     K6B1B_R$3          -0.216      0.083     -2.590      0.010
     K6B1C_R$1          -1.645      0.059    -27.805      0.000
     K6B1C_R$2          -1.237      0.067    -18.567      0.000
     K6B1C_R$3          -0.192      0.071     -2.685      0.007
     K6B1D_R$1          -1.850      0.084    -22.026      0.000
     K6B1D_R$2          -1.388      0.085    -16.338      0.000
     K6B1D_R$3          -0.360      0.081     -4.464      0.000
     K5E1A$1            -1.264      0.077    -16.354      0.000
     K5E1A$2            -0.865      0.079    -10.985      0.000
     K5E1A$3            -0.587      0.084     -6.980      0.000
     K5E1A$4            -0.175      0.084     -2.073      0.038
     K5E1B$1            -0.970      0.060    -16.259      0.000
     K5E1B$2            -0.565      0.073     -7.728      0.000
     K5E1B$3            -0.271      0.074     -3.644      0.000
     K5E1B$4             0.190      0.077      2.483      0.013
     K5E1C$1            -1.288      0.124    -10.380      0.000
     K5E1C$2            -0.931      0.119     -7.811      0.000
     K5E1C$3            -0.629      0.105     -6.018      0.000
     K5E1C$4            -0.178      0.106     -1.688      0.091
     K5E1D$1            -1.301      0.114    -11.454      0.000
     K5E1D$2            -1.001      0.100     -9.989      0.000
     K5E1D$3            -0.762      0.099     -7.695      0.000
     K5E1D$4            -0.376      0.103     -3.668      0.000
     K6D2AG_R$1          0.201      0.085      2.358      0.018
     K6D2AG_R$2          0.741      0.087      8.531      0.000
     K6D2AG_R$3          1.736      0.099     17.491      0.000
     K6D2AI_R$1          0.216      0.088      2.459      0.014
     K6D2AI_R$2          0.757      0.080      9.497      0.000
     K6D2AI_R$3          1.500      0.088     16.961      0.000
     K6D2D_R$1           0.276      0.075      3.664      0.000
     K6D2D_R$2           0.812      0.079     10.326      0.000
     K6D2D_R$3           1.650      0.089     18.617      0.000
     K6D2J_R$1          -0.595      0.080     -7.436      0.000
     K6D2J_R$2           0.101      0.067      1.516      0.130
     K6D2J_R$3           1.274      0.067     18.884      0.000
     K6D2T_R$1           0.497      0.070      7.120      0.000
     K6D2T_R$2           0.937      0.069     13.515      0.000
     K6D2T_R$3           1.731      0.083     20.827      0.000
     K6D2AC_R$1          0.361      0.079      4.581      0.000
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K6D2AC_R$2	0.800	0.076	10.527	0.000
K6D2AC_R$3	1.668	0.091	18.344	0.000
K6D2AK_R$1	−0.337	0.061	−5.492	0.000
K6D2AK_R$2	0.202	0.059	3.397	0.001
K6D2AK_R$3	1.085	0.053	20.638	0.000
K6D2C_R$1	−0.415	0.070	−5.942	0.000
K6D2C_R$2	0.062	0.066	0.940	0.347
K6D2C_R$3	1.070	0.077	13.968	0.000
K6D2N_R$1	0.179	0.090	1.995	0.046
K6D2N_R$2	0.754	0.089	8.448	0.000
K6D2N_R$3	1.714	0.096	17.917	0.000
K6D2X_R$1	0.938	0.157	5.984	0.000
K6D2X_R$2	1.360	0.152	8.943	0.000
K6D2X_R$3	2.104	0.163	12.924	0.000
K6D2A_R$1	−1.007	0.062	−16.294	0.000
K6D2A_R$2	−0.422	0.060	−6.995	0.000
K6D2A_R$3	0.851	0.071	11.904	0.000
K6D2P_R$1	−0.864	0.075	−11.521	0.000
K6D2P_R$2	−0.273	0.081	−3.363	0.001
K6D2P_R$3	0.817	0.095	8.592	0.000
K6D2R_R$1	−1.142	0.078	−14.643	0.000
K6D2R_R$2	−0.417	0.075	−5.596	0.000
K6D2R_R$3	0.865	0.084	10.254	0.000
K6D2Z_R$1	−1.097	0.086	−12.760	0.000
K6D2Z_R$2	−0.486	0.086	−5.670	0.000
K6D2Z_R$3	0.802	0.091	8.768	0.000
K6D2AB_R$1	−0.824	0.081	−10.215	0.000
K6D2AB_R$2	−0.188	0.078	−2.401	0.016
K6D2AB_R$3	0.837	0.083	10.098	0.000
K6D2AJ_R$1	−0.453	0.073	−6.235	0.000
K6D2AJ_R$2	0.049	0.072	0.677	0.499
K6D2AJ_R$3	0.948	0.085	11.141	0.000
K6D61C$1	1.152	0.125	9.186	0.000
K6D61C$2	1.898	0.128	14.872	0.000
K6D61C$3	2.182	0.132	16.536	0.000
K6D61D$1	0.168	0.129	1.298	0.194
K6D61D$2	1.095	0.129	8.508	0.000
K6D61D$3	1.541	0.119	12.946	0.000
K6D61E$1	0.951	0.127	7.475	0.000
K6D61E$2	1.769	0.116	15.307	0.000
K6D61E$3	2.136	0.137	15.592	0.000
K6D61K$1	1.217	0.122	9.962	0.000
K6D61K$2	2.006	0.125	16.110	0.000
K6D61K$3	2.248	0.139	16.180	0.000
K6D61L$1	0.709	0.127	5.596	0.000
K6D61L$2	1.575	0.131	12.051	0.000
K6D61L$3	1.931	0.137	14.098	0.000
K6D61M$1	0.390	0.124	3.140	0.002
K6D61M$2	1.278	0.126	10.148	0.000
K6D61M$3	1.648	0.123	13.350	0.000

K6D40_R$1	1.007	0.191	5.268	0.000
K6D48_R$1	0.786	0.140	5.613	0.000
K6F63_R$1	0.561	0.136	4.136	0.000
K6F68_R$1	1.916	0.140	13.657	0.000
K6F74_R$1	1.932	0.201	9.609	0.000
K6D2B_R$1	−2.105	0.125	−16.790	0.000
K6D2B_R$2	−1.682	0.121	−13.864	0.000
K6D2B_R$3	−0.669	0.106	−6.301	0.000
K6D2F_R$1	−1.798	0.102	−17.689	0.000
K6D2F_R$2	−1.306	0.104	−12.500	0.000
K6D2F_R$3	−0.055	0.099	−0.549	0.583
K6D2G_R$1	−2.121	0.126	−16.900	0.000
K6D2G_R$2	−1.847	0.093	−19.888	0.000
K6D2G_R$3	−0.848	0.084	−10.088	0.000
K6D2I_R$1	−1.865	0.097	−19.313	0.000
K6D2I_R$2	−1.161	0.098	−11.838	0.000
K6D2I_R$3	0.215	0.104	2.070	0.038
K6D2K_R$1	−2.176	0.100	−21.684	0.000
K6D2K_R$2	−1.456	0.088	−16.485	0.000
K6D2K_R$3	−0.036	0.083	−0.437	0.662
K6D2L_R$1	−2.373	0.136	−17.410	0.000
K6D2L_R$2	−1.987	0.123	−16.151	0.000
K6D2L_R$3	−1.041	0.128	−8.106	0.000
K6D2M_R$1	−2.203	0.086	−25.735	0.000
K6D2M_R$2	−1.503	0.069	−21.826	0.000
K6D2M_R$3	0.105	0.071	1.477	0.140
K6D2O_R$1	−1.469	0.103	−14.295	0.000
K6D2O_R$2	−1.141	0.100	−11.422	0.000
K6D2O_R$3	−0.210	0.093	−2.262	0.024
K6D2S_R$1	−2.092	0.100	−21.006	0.000
K6D2S_R$2	−1.536	0.095	−16.158	0.000
K6D2S_R$3	−0.326	0.094	−3.465	0.001
K6D2V_R$1	−2.326	0.121	−19.281	0.000
K6D2V_R$2	−1.823	0.114	−15.934	0.000
K6D2V_R$3	−0.219	0.129	−1.698	0.090
K6D2W_R$1	−2.064	0.115	−18.000	0.000
K6D2W_R$2	−1.359	0.106	−12.787	0.000
K6D2W_R$3	−0.068	0.114	−0.597	0.550
K6D2Y_R$1	−2.036	0.088	−23.252	0.000
K6D2Y_R$2	−1.554	0.093	−16.673	0.000
K6D2Y_R$3	−0.581	0.102	−5.710	0.000
K6D2AA_R$1	−2.198	0.120	−18.300	0.000
K6D2AA_R$2	−1.654	0.106	−15.567	0.000
K6D2AA_R$3	−0.433	0.100	−4.310	0.000
K6D2AE_R$1	−1.880	0.078	−24.172	0.000
K6D2AE_R$2	−1.137	0.059	−19.374	0.000
K6D2AE_R$3	0.363	0.066	5.510	0.000
K6D2AF_R$1	−2.004	0.083	−24.100	0.000
K6D2AF_R$2	−1.675	0.082	−20.425	0.000
K6D2AF_R$3	−0.561	0.078	−7.190	0.000

K6D2AH_R$1	−1.590	0.088	−18.140	0.000
K6D2AH_R$2	−1.185	0.090	−13.094	0.000
K6D2AH_R$3	0.044	0.096	0.459	0.646
P5Q3M$1	0.722	0.094	7.687	0.000
P5Q3M$2	1.774	0.099	17.969	0.000
P5Q3AB$1	0.705	0.067	10.481	0.000
P5Q3AB$2	2.137	0.101	21.090	0.000
P5Q3AD$1	0.821	0.102	8.066	0.000
P5Q3AD$2	1.899	0.149	12.721	0.000
P5Q3AF$1	1.178	0.116	10.133	0.000
P5Q3AF$2	2.261	0.106	21.276	0.000
P5Q3AH$1	1.537	0.150	10.251	0.000
P5Q3AH$2	2.452	0.129	18.997	0.000
P5Q3AR$1	1.184	0.110	10.785	0.000
P5Q3AR$2	2.221	0.114	19.458	0.000
P5Q3AV$1	1.038	0.121	8.581	0.000
P5Q3AV$2	2.174	0.162	13.410	0.000
P5Q3AX$1	1.288	0.106	12.136	0.000
P5Q3AX$2	2.308	0.116	19.837	0.000
P5Q3BQ$1	0.231	0.113	2.039	0.041
P5Q3BQ$2	1.812	0.114	15.831	0.000
P5Q3CK$1	1.957	0.258	7.575	0.000
P5Q3CK$2	2.522	0.268	9.416	0.000
P5Q3DB$1	0.389	0.085	4.560	0.000
P5Q3DB$2	1.827	0.101	18.168	0.000
P5Q3E$1	0.910	0.105	8.630	0.000
P5Q3E$2	1.836	0.114	16.143	0.000
P5Q3A0$1	0.815	0.105	7.762	0.000
P5Q3A0$2	1.913	0.118	16.232	0.000
P5Q3BK$1	1.021	0.096	10.650	0.000
P5Q3BK$2	2.116	0.111	19.108	0.000
P5Q3B0$1	0.700	0.089	7.843	0.000
P5Q3B0$2	2.023	0.095	21.408	0.000
P5Q3CU$1	1.424	0.128	11.146	0.000
P5Q3CU$2	2.296	0.140	16.354	0.000
P5Q3DA$1	1.178	0.120	9.789	0.000
P5Q3DA$2	2.303	0.142	16.264	0.000
P5Q3AS$1	0.800	0.115	6.931	0.000
P5Q3AS$2	2.458	0.129	19.124	0.000
P5Q3AU$1	1.471	0.126	11.685	0.000
P5Q3AU$2	2.427	0.135	18.031	0.000
P5Q3AZ$1	1.679	0.188	8.911	0.000
P5Q3AZ$2	2.562	0.177	14.508	0.000
P5Q3BB1$1	1.143	0.160	7.158	0.000
P5Q3BB1$2	2.183	0.178	12.283	0.000
P5Q3BB2$1	0.722	0.124	5.826	0.000
P5Q3BB2$2	1.968	0.122	16.159	0.000
P5Q3BB5$1	1.119	0.090	12.471	0.000
P5Q3BB5$2	1.990	0.091	21.906	0.000
P5Q3BB6$1	1.103	0.138	8.008	0.000

P5Q3BB6$2	2.360	0.165	14.278	0.000
P5Q3BB7$1	1.581	0.176	8.983	0.000
P5Q3BB7$2	2.475	0.182	13.601	0.000
P5Q3X$1	0.576	0.104	5.546	0.000
P5Q3X$2	1.722	0.126	13.619	0.000
P5Q3AA$1	−0.110	0.084	−1.313	0.189
P5Q3AA$2	1.656	0.116	14.233	0.000
P5Q3AL$1	0.990	0.118	8.413	0.000
P5Q3AL$2	2.183	0.149	14.660	0.000
P5Q3AP$1	0.541	0.076	7.103	0.000
P5Q3AP$2	2.159	0.086	25.196	0.000
P5Q3BI$1	0.250	0.087	2.866	0.004
P5Q3BI$2	1.595	0.083	19.206	0.000
P5Q3BZ$1	1.879	0.236	7.953	0.000
P5Q3BZ$2	2.574	0.226	11.398	0.000
P5Q3CJ$1	1.211	0.133	9.130	0.000
P5Q3CJ$2	2.198	0.132	16.614	0.000
P5Q3C$1	−0.172	0.107	−1.609	0.108
P5Q3C$2	1.151	0.103	11.173	0.000
P5Q3O$1	0.890	0.137	6.493	0.000
P5Q3O$2	1.873	0.160	11.730	0.000
P5Q3R$1	0.180	0.069	2.622	0.009
P5Q3R$2	1.299	0.074	17.549	0.000
P5Q3S$1	0.678	0.077	8.839	0.000
P5Q3S$2	1.606	0.102	15.730	0.000
P5Q3T$1	0.632	0.085	7.448	0.000
P5Q3T$2	1.811	0.142	12.779	0.000
P5Q3U$1	−0.099	0.091	−1.084	0.278
P5Q3U$2	1.682	0.100	16.886	0.000
P5Q3V$1	0.276	0.110	2.500	0.012
P5Q3V$2	1.719	0.108	15.874	0.000
P5Q3AJ$1	1.052	0.130	8.072	0.000
P5Q3AJ$2	1.971	0.142	13.926	0.000
P5Q3BC$1	1.269	0.111	11.383	0.000
P5Q3BC$2	2.099	0.133	15.752	0.000
P5Q3BN$1	0.701	0.074	9.516	0.000
P5Q3BN$2	1.746	0.085	20.572	0.000
P5Q3CF$1	0.288	0.113	2.539	0.011
P5Q3CF$2	1.705	0.139	12.227	0.000
P5Q3CG$1	0.535	0.061	8.767	0.000
P5Q3CG$2	1.934	0.082	23.688	0.000
P5Q3CH$1	0.980	0.067	14.623	0.000
P5Q3CH$2	2.138	0.093	23.055	0.000
P5Q3CI$1	1.239	0.094	13.136	0.000
P5Q3CI$2	2.402	0.124	19.312	0.000
P5Q3CN$1	0.726	0.098	7.386	0.000
P5Q3CN$2	1.983	0.086	22.944	0.000
P5Q3CO$1	0.295	0.072	4.098	0.000
P5Q3CO$2	1.425	0.079	18.080	0.000
P5Q3CQ$1	1.399	0.139	10.068	0.000

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          P5Q3CQ$2           2.133      0.141     15.168      0.000
          P5Q3CW$1           0.734      0.089      8.222      0.000
          P5Q3CW$2           1.823      0.074     24.684      0.000

      Residual Variances
          SC15               0.628      0.020     31.982      0.000
          SC9                0.956      0.017     54.621      0.000
          INTERNALIZ         0.122      0.034      3.579      0.000
          EXTERN             0.700      0.012     59.031      0.000
          PAF                0.562      0.030     18.725      0.000
          INCBCL             0.889      0.011     81.929      0.000
          EXCBCL             0.833      0.015     54.459      0.000


  STDY Standardization

                                                          Two-Tailed
                          Estimate      S.E.   Est./S.E.    P-Value

  SC15      BY
      K6B1A_R              0.654      0.017     37.855      0.000
      K6B1B_R              0.767      0.017     46.035      0.000
      K6B1C_R              0.766      0.020     38.016      0.000
      K6B1D_R              0.631      0.023     27.678      0.000

  SC9       BY
      K5E1A                0.197      0.018     11.017      0.000
      K5E1B                0.153      0.021      7.346      0.000
      K5E1C                0.219      0.018     11.858      0.000
      K5E1D                0.216      0.023      9.568      0.000

  INTERNAL BY
      K6D2AG_R             0.771      0.011     72.933      0.000
      K6D2AI_R             0.584      0.015     38.922      0.000
      K6D2D_R              0.651      0.019     34.072      0.000
      K6D2J_R              0.574      0.016     35.588      0.000
      K6D2T_R              0.695      0.014     49.779      0.000
      K6D2AC_R             0.877      0.014     64.594      0.000
      K6D2AK_R             0.575      0.016     35.426      0.000
      K6D2C_R              0.613      0.017     35.484      0.000
      K6D2N_R              0.821      0.010     86.289      0.000
      K6D2X_R              0.788      0.016     49.947      0.000

  EXTERN    BY
      K6D2A_R              0.515      0.018     28.498      0.000
      K6D2P_R              0.708      0.010     72.512      0.000
      K6D2R_R              0.557      0.021     26.187      0.000
      K6D2Z_R              0.547      0.014     39.137      0.000
      K6D2AB_R             0.590      0.020     29.123      0.000
      K6D2AJ_R             0.737      0.009     78.555      0.000
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K6D61C	0.913	0.007	122.859	0.000
K6D61D	0.619	0.016	37.658	0.000
K6D61E	0.580	0.025	23.153	0.000
K6D61K	0.884	0.009	101.193	0.000
K6D61L	0.562	0.020	27.970	0.000
K6D61M	0.484	0.025	19.095	0.000
K6D40_R	0.647	0.033	19.443	0.000
K6D48_R	0.575	0.017	33.758	0.000
K6F63_R	0.594	0.017	34.059	0.000
K6F68_R	0.659	0.044	15.010	0.000
K6F74_R	0.666	0.036	18.293	0.000
PAF BY				
K6D2B_R	0.763	0.012	62.896	0.000
K6D2F_R	0.674	0.014	49.299	0.000
K6D2G_R	0.455	0.021	21.953	0.000
K6D2I_R	0.501	0.014	35.139	0.000
K6D2K_R	0.564	0.019	29.673	0.000
K6D2L_R	0.721	0.016	43.894	0.000
K6D2M_R	0.578	0.016	36.617	0.000
K6D2O_R	0.578	0.018	32.430	0.000
K6D2S_R	0.870	0.011	81.485	0.000
K6D2V_R	0.594	0.019	30.507	0.000
K6D2W_R	0.658	0.015	42.707	0.000
K6D2Y_R	0.654	0.021	31.587	0.000
K6D2AA_R	0.715	0.013	53.479	0.000
K6D2AE_R	0.490	0.014	35.427	0.000
K6D2AF_R	0.635	0.013	47.353	0.000
K6D2AH_R	0.486	0.016	30.560	0.000
INCBCL BY				
P5Q3M	0.541	0.022	24.651	0.000
P5Q3AB	0.474	0.026	18.548	0.000
P5Q3AD	0.609	0.027	22.901	0.000
P5Q3AF	0.696	0.019	36.434	0.000
P5Q3AH	0.835	0.019	43.284	0.000
P5Q3AR	0.615	0.039	15.933	0.000
P5Q3AV	0.718	0.015	46.731	0.000
P5Q3AX	0.794	0.022	35.519	0.000
P5Q3BQ	0.570	0.016	35.696	0.000
P5Q3CK	0.827	0.023	36.097	0.000
P5Q3DB	0.600	0.023	25.875	0.000
P5Q3E	0.450	0.025	18.330	0.000
P5Q3A0	0.586	0.020	28.680	0.000
P5Q3BK	0.658	0.029	22.893	0.000
P5Q3B0	0.595	0.022	26.760	0.000
P5Q3CU	0.682	0.018	37.502	0.000
P5Q3DA	0.717	0.017	41.591	0.000
P5Q3AS	0.563	0.018	31.255	0.000
P5Q3AU	0.571	0.030	19.011	0.000

P5Q3AZ	0.778	0.016	50.052	0.000
P5Q3BB1	0.704	0.017	40.269	0.000
P5Q3BB2	0.600	0.020	30.678	0.000
P5Q3BB5	0.455	0.021	22.183	0.000
P5Q3BB6	0.711	0.019	36.688	0.000
P5Q3BB7	0.651	0.027	24.047	0.000

EXCBCL   BY

P5Q3X	0.608	0.017	35.418	0.000
P5Q3AA	0.794	0.012	64.702	0.000
P5Q3AL	0.651	0.017	38.994	0.000
P5Q3AP	0.712	0.016	44.247	0.000
P5Q3BI	0.417	0.026	15.924	0.000
P5Q3BZ	0.745	0.031	24.163	0.000
P5Q3CJ	0.747	0.031	24.420	0.000
P5Q3C	0.656	0.020	33.120	0.000
P5Q3O	0.790	0.015	54.415	0.000
P5Q3R	0.643	0.017	37.908	0.000
P5Q3S	0.800	0.013	63.698	0.000
P5Q3T	0.803	0.015	51.944	0.000
P5Q3U	0.774	0.012	63.721	0.000
P5Q3V	0.769	0.013	60.992	0.000
P5Q3AJ	0.789	0.019	41.897	0.000
P5Q3BC	0.808	0.019	43.330	0.000
P5Q3BN	0.746	0.021	35.498	0.000
P5Q3CF	0.757	0.015	51.264	0.000
P5Q3CG	0.721	0.013	55.288	0.000
P5Q3CH	0.656	0.025	26.683	0.000
P5Q3CI	0.596	0.031	19.390	0.000
P5Q3CN	0.675	0.018	38.178	0.000
P5Q3CO	0.786	0.007	115.296	0.000
P5Q3CQ	0.875	0.019	45.450	0.000
P5Q3CW	0.637	0.014	45.422	0.000

SC9   ON

INCBCL	−0.149	0.035	−4.314	0.000
EXCBCL	−0.132	0.026	−5.147	0.000

EXTERN   ON

SC9	−0.450	0.011	−39.362	0.000

INTERNAL ON

SC9	−0.920	0.020	−46.345	0.000

PAF   ON

SC9	0.637	0.020	31.652	0.000

SC15   ON

EXTERN	−0.144	0.020	−7.341	0.000
INTERNALIZ	−0.014	0.024	−0.578	0.563

PAF	0.541	0.027	20.196	0.000

INCBCL   ON

DEPCOMP	0.397	0.044	9.130	0.000
THREATCOMP	0.287	0.057	4.998	0.000
POVCO_AVG	−0.042	0.009	−4.695	0.000
RACE_AA	−0.177	0.087	−2.026	0.043
RACE_C	0.204	0.087	2.345	0.019
RACE_L	0.057	0.096	0.600	0.549
CM1BSEX	−0.029	0.033	−0.873	0.383

EXCBCL   ON

DEPCOMP	0.233	0.036	6.439	0.000
THREATCOMP	0.480	0.040	12.128	0.000
POVCO_AVG	−0.089	0.012	−7.557	0.000
RACE_AA	−0.055	0.070	−0.781	0.435
RACE_C	0.220	0.075	2.926	0.003
RACE_L	−0.066	0.073	−0.903	0.366
CM1BSEX	−0.222	0.040	−5.524	0.000

EXTERN   ON

THREATCOMP	0.233	0.026	8.878	0.000
DEPCOMP	0.000	0.038	0.005	0.996
POVCO_AVG	−0.084	0.009	−9.191	0.000
RACE_AA	−0.056	0.068	−0.829	0.407
RACE_C	−0.131	0.089	−1.473	0.141
RACE_L	−0.073	0.088	−0.831	0.406
CM1BSEX	−0.113	0.030	−3.771	0.000

INTERNAL ON

THREATCOMP	0.016	0.045	0.366	0.714
DEPCOMP	0.066	0.051	1.288	0.198
POVCO_AVG	−0.033	0.010	−3.420	0.001
RACE_AA	−0.157	0.077	−2.047	0.041
RACE_C	−0.015	0.059	−0.259	0.795
RACE_L	−0.058	0.087	−0.665	0.506
CM1BSEX	0.253	0.024	10.506	0.000

PAF   ON

THREATCOMP	−0.006	0.023	−0.237	0.813
DEPCOMP	−0.189	0.046	−4.073	0.000
POVCO_AVG	−0.004	0.012	−0.376	0.707
RACE_AA	0.209	0.088	2.361	0.018
RACE_C	−0.004	0.087	−0.047	0.963
RACE_L	0.195	0.056	3.507	0.000
CM1BSEX	−0.188	0.029	−6.484	0.000

EXTERN   WITH

EXCBCL	0.171	0.023	7.481	0.000

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INTERNAL WITH
    INCBCL           0.015       0.067       0.223       0.823

Thresholds
    K6B1A_R$1       -1.790       0.062     -28.663       0.000
    K6B1A_R$2       -1.242       0.063     -19.707       0.000
    K6B1A_R$3        0.016       0.065       0.254       0.800
    K6B1B_R$1       -1.893       0.072     -26.225       0.000
    K6B1B_R$2       -1.324       0.080     -16.548       0.000
    K6B1B_R$3       -0.216       0.083      -2.590       0.010
    K6B1C_R$1       -1.645       0.059     -27.805       0.000
    K6B1C_R$2       -1.237       0.067     -18.567       0.000
    K6B1C_R$3       -0.192       0.071      -2.685       0.007
    K6B1D_R$1       -1.850       0.084     -22.026       0.000
    K6B1D_R$2       -1.388       0.085     -16.338       0.000
    K6B1D_R$3       -0.360       0.081      -4.464       0.000
    K5E1A$1         -1.264       0.077     -16.354       0.000
    K5E1A$2         -0.865       0.079     -10.985       0.000
    K5E1A$3         -0.587       0.084      -6.980       0.000
    K5E1A$4         -0.175       0.084      -2.073       0.038
    K5E1B$1         -0.970       0.060     -16.259       0.000
    K5E1B$2         -0.565       0.073      -7.728       0.000
    K5E1B$3         -0.271       0.074      -3.644       0.000
    K5E1B$4          0.190       0.077       2.483       0.013
    K5E1C$1         -1.288       0.124     -10.380       0.000
    K5E1C$2         -0.931       0.119      -7.811       0.000
    K5E1C$3         -0.629       0.105      -6.018       0.000
    K5E1C$4         -0.178       0.106      -1.688       0.091
    K5E1D$1         -1.301       0.114     -11.454       0.000
    K5E1D$2         -1.001       0.100      -9.989       0.000
    K5E1D$3         -0.762       0.099      -7.695       0.000
    K5E1D$4         -0.376       0.103      -3.668       0.000
    K6D2AG_R$1       0.201       0.085       2.358       0.018
    K6D2AG_R$2       0.741       0.087       8.531       0.000
    K6D2AG_R$3       1.736       0.099      17.491       0.000
    K6D2AI_R$1       0.216       0.088       2.459       0.014
    K6D2AI_R$2       0.757       0.080       9.497       0.000
    K6D2AI_R$3       1.500       0.088      16.961       0.000
    K6D2D_R$1        0.276       0.075       3.664       0.000
    K6D2D_R$2        0.812       0.079      10.326       0.000
    K6D2D_R$3        1.650       0.089      18.617       0.000
    K6D2J_R$1       -0.595       0.080      -7.436       0.000
    K6D2J_R$2        0.101       0.067       1.516       0.130
    K6D2J_R$3        1.274       0.067      18.884       0.000
    K6D2T_R$1        0.497       0.070       7.120       0.000
    K6D2T_R$2        0.937       0.069      13.515       0.000
    K6D2T_R$3        1.731       0.083      20.827       0.000
    K6D2AC_R$1       0.361       0.079       4.581       0.000
    K6D2AC_R$2       0.800       0.076      10.527       0.000
    K6D2AC_R$3       1.668       0.091      18.344       0.000
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K6D2AK_R$1	−0.337	0.061	−5.492	0.000
K6D2AK_R$2	0.202	0.059	3.397	0.001
K6D2AK_R$3	1.085	0.053	20.638	0.000
K6D2C_R$1	−0.415	0.070	−5.942	0.000
K6D2C_R$2	0.062	0.066	0.940	0.347
K6D2C_R$3	1.070	0.077	13.968	0.000
K6D2N_R$1	0.179	0.090	1.995	0.046
K6D2N_R$2	0.754	0.089	8.448	0.000
K6D2N_R$3	1.714	0.096	17.917	0.000
K6D2X_R$1	0.938	0.157	5.984	0.000
K6D2X_R$2	1.360	0.152	8.943	0.000
K6D2X_R$3	2.104	0.163	12.924	0.000
K6D2A_R$1	−1.007	0.062	−16.294	0.000
K6D2A_R$2	−0.422	0.060	−6.995	0.000
K6D2A_R$3	0.851	0.071	11.904	0.000
K6D2P_R$1	−0.864	0.075	−11.521	0.000
K6D2P_R$2	−0.273	0.081	−3.363	0.001
K6D2P_R$3	0.817	0.095	8.592	0.000
K6D2R_R$1	−1.142	0.078	−14.643	0.000
K6D2R_R$2	−0.417	0.075	−5.596	0.000
K6D2R_R$3	0.865	0.084	10.254	0.000
K6D2Z_R$1	−1.097	0.086	−12.760	0.000
K6D2Z_R$2	−0.486	0.086	−5.670	0.000
K6D2Z_R$3	0.802	0.091	8.768	0.000
K6D2AB_R$1	−0.824	0.081	−10.215	0.000
K6D2AB_R$2	−0.188	0.078	−2.401	0.016
K6D2AB_R$3	0.837	0.083	10.098	0.000
K6D2AJ_R$1	−0.453	0.073	−6.235	0.000
K6D2AJ_R$2	0.049	0.072	0.677	0.499
K6D2AJ_R$3	0.948	0.085	11.141	0.000
K6D61C$1	1.152	0.125	9.186	0.000
K6D61C$2	1.898	0.128	14.872	0.000
K6D61C$3	2.182	0.132	16.536	0.000
K6D61D$1	0.168	0.129	1.298	0.194
K6D61D$2	1.095	0.129	8.508	0.000
K6D61D$3	1.541	0.119	12.946	0.000
K6D61E$1	0.951	0.127	7.475	0.000
K6D61E$2	1.769	0.116	15.307	0.000
K6D61E$3	2.136	0.137	15.592	0.000
K6D61K$1	1.217	0.122	9.962	0.000
K6D61K$2	2.006	0.125	16.110	0.000
K6D61K$3	2.248	0.139	16.180	0.000
K6D61L$1	0.709	0.127	5.596	0.000
K6D61L$2	1.575	0.131	12.051	0.000
K6D61L$3	1.931	0.137	14.098	0.000
K6D61M$1	0.390	0.124	3.140	0.002
K6D61M$2	1.278	0.126	10.148	0.000
K6D61M$3	1.648	0.123	13.350	0.000
K6D40_R$1	1.007	0.191	5.268	0.000
K6D48_R$1	0.786	0.140	5.613	0.000

K6F63_R$1	0.561	0.136	4.136	0.000
K6F68_R$1	1.916	0.140	13.657	0.000
K6F74_R$1	1.932	0.201	9.609	0.000
K6D2B_R$1	−2.105	0.125	−16.790	0.000
K6D2B_R$2	−1.682	0.121	−13.864	0.000
K6D2B_R$3	−0.669	0.106	−6.301	0.000
K6D2F_R$1	−1.798	0.102	−17.689	0.000
K6D2F_R$2	−1.306	0.104	−12.500	0.000
K6D2F_R$3	−0.055	0.099	−0.549	0.583
K6D2G_R$1	−2.121	0.126	−16.900	0.000
K6D2G_R$2	−1.847	0.093	−19.888	0.000
K6D2G_R$3	−0.848	0.084	−10.088	0.000
K6D2I_R$1	−1.865	0.097	−19.313	0.000
K6D2I_R$2	−1.161	0.098	−11.838	0.000
K6D2I_R$3	0.215	0.104	2.070	0.038
K6D2K_R$1	−2.176	0.100	−21.684	0.000
K6D2K_R$2	−1.456	0.088	−16.485	0.000
K6D2K_R$3	−0.036	0.083	−0.437	0.662
K6D2L_R$1	−2.373	0.136	−17.410	0.000
K6D2L_R$2	−1.987	0.123	−16.151	0.000
K6D2L_R$3	−1.041	0.128	−8.106	0.000
K6D2M_R$1	−2.203	0.086	−25.735	0.000
K6D2M_R$2	−1.503	0.069	−21.826	0.000
K6D2M_R$3	0.105	0.071	1.477	0.140
K6D2O_R$1	−1.469	0.103	−14.295	0.000
K6D2O_R$2	−1.141	0.100	−11.422	0.000
K6D2O_R$3	−0.210	0.093	−2.262	0.024
K6D2S_R$1	−2.092	0.100	−21.006	0.000
K6D2S_R$2	−1.536	0.095	−16.158	0.000
K6D2S_R$3	−0.326	0.094	−3.465	0.001
K6D2V_R$1	−2.326	0.121	−19.281	0.000
K6D2V_R$2	−1.823	0.114	−15.934	0.000
K6D2V_R$3	−0.219	0.129	−1.698	0.090
K6D2W_R$1	−2.064	0.115	−18.000	0.000
K6D2W_R$2	−1.359	0.106	−12.787	0.000
K6D2W_R$3	−0.068	0.114	−0.597	0.550
K6D2Y_R$1	−2.036	0.088	−23.252	0.000
K6D2Y_R$2	−1.554	0.093	−16.673	0.000
K6D2Y_R$3	−0.581	0.102	−5.710	0.000
K6D2AA_R$1	−2.198	0.120	−18.300	0.000
K6D2AA_R$2	−1.654	0.106	−15.567	0.000
K6D2AA_R$3	−0.433	0.100	−4.310	0.000
K6D2AE_R$1	−1.880	0.078	−24.172	0.000
K6D2AE_R$2	−1.137	0.059	−19.374	0.000
K6D2AE_R$3	0.363	0.066	5.510	0.000
K6D2AF_R$1	−2.004	0.083	−24.100	0.000
K6D2AF_R$2	−1.675	0.082	−20.425	0.000
K6D2AF_R$3	−0.561	0.078	−7.190	0.000
K6D2AH_R$1	−1.590	0.088	−18.140	0.000
K6D2AH_R$2	−1.185	0.090	−13.094	0.000

K6D2AH_R$3	0.044	0.096	0.459	0.646
P5Q3M$1	0.722	0.094	7.687	0.000
P5Q3M$2	1.774	0.099	17.969	0.000
P5Q3AB$1	0.705	0.067	10.481	0.000
P5Q3AB$2	2.137	0.101	21.090	0.000
P5Q3AD$1	0.821	0.102	8.066	0.000
P5Q3AD$2	1.899	0.149	12.721	0.000
P5Q3AF$1	1.178	0.116	10.133	0.000
P5Q3AF$2	2.261	0.106	21.276	0.000
P5Q3AH$1	1.537	0.150	10.251	0.000
P5Q3AH$2	2.452	0.129	18.997	0.000
P5Q3AR$1	1.184	0.110	10.785	0.000
P5Q3AR$2	2.221	0.114	19.458	0.000
P5Q3AV$1	1.038	0.121	8.581	0.000
P5Q3AV$2	2.174	0.162	13.410	0.000
P5Q3AX$1	1.288	0.106	12.136	0.000
P5Q3AX$2	2.308	0.116	19.837	0.000
P5Q3BQ$1	0.231	0.113	2.039	0.041
P5Q3BQ$2	1.812	0.114	15.831	0.000
P5Q3CK$1	1.957	0.258	7.575	0.000
P5Q3CK$2	2.522	0.268	9.416	0.000
P5Q3DB$1	0.389	0.085	4.560	0.000
P5Q3DB$2	1.827	0.101	18.168	0.000
P5Q3E$1	0.910	0.105	8.630	0.000
P5Q3E$2	1.836	0.114	16.143	0.000
P5Q3A0$1	0.815	0.105	7.762	0.000
P5Q3A0$2	1.913	0.118	16.232	0.000
P5Q3BK$1	1.021	0.096	10.650	0.000
P5Q3BK$2	2.116	0.111	19.108	0.000
P5Q3B0$1	0.700	0.089	7.843	0.000
P5Q3B0$2	2.023	0.095	21.408	0.000
P5Q3CU$1	1.424	0.128	11.146	0.000
P5Q3CU$2	2.296	0.140	16.354	0.000
P5Q3DA$1	1.178	0.120	9.789	0.000
P5Q3DA$2	2.303	0.142	16.264	0.000
P5Q3AS$1	0.800	0.115	6.931	0.000
P5Q3AS$2	2.458	0.129	19.124	0.000
P5Q3AU$1	1.471	0.126	11.685	0.000
P5Q3AU$2	2.427	0.135	18.031	0.000
P5Q3AZ$1	1.679	0.188	8.911	0.000
P5Q3AZ$2	2.562	0.177	14.508	0.000
P5Q3BB1$1	1.143	0.160	7.158	0.000
P5Q3BB1$2	2.183	0.178	12.283	0.000
P5Q3BB2$1	0.722	0.124	5.826	0.000
P5Q3BB2$2	1.968	0.122	16.159	0.000
P5Q3BB5$1	1.119	0.090	12.471	0.000
P5Q3BB5$2	1.990	0.091	21.906	0.000
P5Q3BB6$1	1.103	0.138	8.008	0.000
P5Q3BB6$2	2.360	0.165	14.278	0.000
P5Q3BB7$1	1.581	0.176	8.983	0.000

P5Q3BB7$2	2.475	0.182	13.601	0.000
P5Q3X$1	0.576	0.104	5.546	0.000
P5Q3X$2	1.722	0.126	13.619	0.000
P5Q3AA$1	−0.110	0.084	−1.313	0.189
P5Q3AA$2	1.656	0.116	14.233	0.000
P5Q3AL$1	0.990	0.118	8.413	0.000
P5Q3AL$2	2.183	0.149	14.660	0.000
P5Q3AP$1	0.541	0.076	7.103	0.000
P5Q3AP$2	2.159	0.086	25.196	0.000
P5Q3BI$1	0.250	0.087	2.866	0.004
P5Q3BI$2	1.595	0.083	19.206	0.000
P5Q3BZ$1	1.879	0.236	7.953	0.000
P5Q3BZ$2	2.574	0.226	11.398	0.000
P5Q3CJ$1	1.211	0.133	9.130	0.000
P5Q3CJ$2	2.198	0.132	16.614	0.000
P5Q3C$1	−0.172	0.107	−1.609	0.108
P5Q3C$2	1.151	0.103	11.173	0.000
P5Q30$1	0.890	0.137	6.493	0.000
P5Q30$2	1.873	0.160	11.730	0.000
P5Q3R$1	0.180	0.069	2.622	0.009
P5Q3R$2	1.299	0.074	17.549	0.000
P5Q3S$1	0.678	0.077	8.839	0.000
P5Q3S$2	1.606	0.102	15.730	0.000
P5Q3T$1	0.632	0.085	7.448	0.000
P5Q3T$2	1.811	0.142	12.779	0.000
P5Q3U$1	−0.099	0.091	−1.084	0.278
P5Q3U$2	1.682	0.100	16.886	0.000
P5Q3V$1	0.276	0.110	2.500	0.012
P5Q3V$2	1.719	0.108	15.874	0.000
P5Q3AJ$1	1.052	0.130	8.072	0.000
P5Q3AJ$2	1.971	0.142	13.926	0.000
P5Q3BC$1	1.269	0.111	11.383	0.000
P5Q3BC$2	2.099	0.133	15.752	0.000
P5Q3BN$1	0.701	0.074	9.516	0.000
P5Q3BN$2	1.746	0.085	20.572	0.000
P5Q3CF$1	0.288	0.113	2.539	0.011
P5Q3CF$2	1.705	0.139	12.227	0.000
P5Q3CG$1	0.535	0.061	8.767	0.000
P5Q3CG$2	1.934	0.082	23.688	0.000
P5Q3CH$1	0.980	0.067	14.623	0.000
P5Q3CH$2	2.138	0.093	23.055	0.000
P5Q3CI$1	1.239	0.094	13.136	0.000
P5Q3CI$2	2.402	0.124	19.312	0.000
P5Q3CN$1	0.726	0.098	7.386	0.000
P5Q3CN$2	1.983	0.086	22.944	0.000
P5Q3CO$1	0.295	0.072	4.098	0.000
P5Q3CO$2	1.425	0.079	18.080	0.000
P5Q3CQ$1	1.399	0.139	10.068	0.000
P5Q3CQ$2	2.133	0.141	15.168	0.000
P5Q3CW$1	0.734	0.089	8.222	0.000

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
P5Q3CW$2	1.823	0.074	24.684	0.000

Residual Variances

	Estimate	S.E.	Est./S.E.	P-Value
SC15	0.628	0.020	31.982	0.000
SC9	0.956	0.017	54.621	0.000
INTERNALIZ	0.122	0.034	3.579	0.000
EXTERN	0.700	0.012	59.031	0.000
PAF	0.562	0.030	18.725	0.000
INCBCL	0.889	0.011	81.929	0.000
EXCBCL	0.833	0.015	54.459	0.000

STD Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.656	0.018	37.438	0.000
K6B1B_R	0.770	0.017	45.299	0.000
K6B1C_R	0.769	0.021	37.312	0.000
K6B1D_R	0.633	0.023	27.631	0.000
SC9 BY				
K5E1A	0.197	0.018	11.010	0.000
K5E1B	0.153	0.021	7.344	0.000
K5E1C	0.219	0.019	11.851	0.000
K5E1D	0.217	0.023	9.564	0.000
INTERNAL BY				
K6D2AG_R	0.780	0.011	67.934	0.000
K6D2AI_R	0.588	0.016	37.859	0.000
K6D2D_R	0.656	0.020	33.283	0.000
K6D2J_R	0.578	0.017	34.720	0.000
K6D2T_R	0.702	0.014	48.727	0.000
K6D2AC_R	0.890	0.015	60.024	0.000
K6D2AK_R	0.579	0.016	35.180	0.000
K6D2C_R	0.618	0.018	34.463	0.000
K6D2N_R	0.832	0.010	85.216	0.000
K6D2X_R	0.798	0.017	46.600	0.000
EXTERN BY				
K6D2A_R	0.521	0.019	27.784	0.000
K6D2P_R	0.723	0.010	70.336	0.000
K6D2R_R	0.564	0.022	25.386	0.000
K6D2Z_R	0.554	0.014	38.396	0.000
K6D2AB_R	0.599	0.022	27.724	0.000
K6D2AJ_R	0.755	0.010	74.649	0.000
K6D61C	0.947	0.009	101.587	0.000
K6D61D	0.629	0.017	36.379	0.000

K6D61E	0.589	0.026	22.777	0.000
K6D61K	0.915	0.011	81.537	0.000
K6D61L	0.570	0.021	27.392	0.000
K6D61M	0.489	0.026	18.642	0.000
K6D40_R	0.659	0.035	18.628	0.000
K6D48_R	0.583	0.018	32.292	0.000
K6F63_R	0.603	0.019	32.534	0.000
K6F68_R	0.671	0.047	14.340	0.000
K6F74_R	0.679	0.039	17.407	0.000
PAF BY				
K6D2B_R	0.771	0.013	60.117	0.000
K6D2F_R	0.680	0.015	46.874	0.000
K6D2G_R	0.456	0.021	21.662	0.000
K6D2I_R	0.503	0.014	34.934	0.000
K6D2K_R	0.567	0.019	29.075	0.000
K6D2L_R	0.727	0.017	43.946	0.000
K6D2M_R	0.582	0.016	36.009	0.000
K6D2O_R	0.581	0.018	31.673	0.000
K6D2S_R	0.882	0.013	67.707	0.000
K6D2V_R	0.598	0.020	30.502	0.000
K6D2W_R	0.663	0.016	40.995	0.000
K6D2Y_R	0.659	0.021	31.342	0.000
K6D2AA_R	0.722	0.014	51.687	0.000
K6D2AE_R	0.492	0.014	35.070	0.000
K6D2AF_R	0.640	0.014	47.222	0.000
K6D2AH_R	0.488	0.016	30.316	0.000
INCBCL BY				
P5Q3M	0.550	0.023	23.734	0.000
P5Q3AB	0.480	0.027	18.038	0.000
P5Q3AD	0.621	0.029	21.603	0.000
P5Q3AF	0.716	0.021	33.537	0.000
P5Q3AH	0.869	0.022	39.027	0.000
P5Q3AR	0.629	0.041	15.152	0.000
P5Q3AV	0.739	0.017	43.109	0.000
P5Q3AX	0.824	0.027	30.650	0.000
P5Q3BQ	0.580	0.017	33.917	0.000
P5Q3CK	0.860	0.026	32.591	0.000
P5Q3DB	0.612	0.026	23.979	0.000
P5Q3E	0.455	0.025	18.001	0.000
P5Q3A0	0.598	0.022	27.664	0.000
P5Q3BK	0.674	0.031	21.770	0.000
P5Q3B0	0.607	0.024	25.053	0.000
P5Q3CU	0.701	0.020	35.194	0.000
P5Q3DA	0.738	0.020	37.715	0.000
P5Q3AS	0.574	0.019	29.946	0.000
P5Q3AU	0.582	0.032	18.096	0.000
P5Q3AZ	0.806	0.018	45.755	0.000
P5Q3BB1	0.724	0.019	37.726	0.000

P5Q3BB2	0.613	0.021	29.341	0.000
P5Q3BB5	0.460	0.021	21.745	0.000
P5Q3BB6	0.731	0.022	33.919	0.000
P5Q3BB7	0.667	0.029	22.763	0.000

EXCBCL   BY

P5Q3X	0.627	0.020	31.439	0.000
P5Q3AA	0.839	0.015	56.973	0.000
P5Q3AL	0.676	0.019	34.798	0.000
P5Q3AP	0.744	0.020	36.659	0.000
P5Q3BI	0.423	0.027	15.442	0.000
P5Q3BZ	0.782	0.037	20.919	0.000
P5Q3CJ	0.785	0.036	21.535	0.000
P5Q3C	0.681	0.022	30.471	0.000
P5Q3O	0.835	0.018	45.885	0.000
P5Q3R	0.666	0.018	36.605	0.000
P5Q3S	0.847	0.016	51.909	0.000
P5Q3T	0.850	0.020	43.175	0.000
P5Q3U	0.816	0.017	47.404	0.000
P5Q3V	0.810	0.017	46.700	0.000
P5Q3AJ	0.833	0.022	37.616	0.000
P5Q3BC	0.856	0.021	40.828	0.000
P5Q3BN	0.783	0.025	31.193	0.000
P5Q3CF	0.796	0.019	43.022	0.000
P5Q3CG	0.754	0.015	48.725	0.000
P5Q3CH	0.681	0.028	24.050	0.000
P5Q3CI	0.614	0.035	17.666	0.000
P5Q3CN	0.702	0.020	35.077	0.000
P5Q3CO	0.830	0.011	79.029	0.000
P5Q3CQ	0.937	0.026	36.141	0.000
P5Q3CW	0.659	0.016	42.411	0.000

SC9   ON

INCBCL	−0.149	0.035	−4.314	0.000
EXCBCL	−0.132	0.026	−5.147	0.000

EXTERN   ON

SC9	−0.450	0.011	−39.362	0.000

INTERNAL ON

SC9	−0.920	0.020	−46.345	0.000

PAF   ON

SC9	0.637	0.020	31.652	0.000

SC15   ON

EXTERN	−0.144	0.020	−7.341	0.000
INTERNALIZ	−0.014	0.024	−0.578	0.563
PAF	0.541	0.027	20.196	0.000

```
INCBCL     ON
    DEPCOMP              0.397      0.044      9.130      0.000
    THREATCOMP          0.287      0.057      4.998      0.000
    POVCO_AVG          -0.042      0.009     -4.695      0.000
    RACE_AA            -0.177      0.087     -2.026      0.043
    RACE_C              0.204      0.087      2.345      0.019
    RACE_L              0.057      0.096      0.600      0.549
    CM1BSEX            -0.029      0.033     -0.873      0.383

EXCBCL     ON
    DEPCOMP              0.233      0.036      6.439      0.000
    THREATCOMP          0.480      0.040     12.128      0.000
    POVCO_AVG          -0.089      0.012     -7.557      0.000
    RACE_AA            -0.055      0.070     -0.781      0.435
    RACE_C              0.220      0.075      2.926      0.003
    RACE_L             -0.066      0.073     -0.903      0.366
    CM1BSEX            -0.222      0.040     -5.524      0.000

EXTERN     ON
    THREATCOMP          0.233      0.026      8.878      0.000
    DEPCOMP             0.000      0.038      0.005      0.996
    POVCO_AVG          -0.084      0.009     -9.191      0.000
    RACE_AA            -0.056      0.068     -0.829      0.407
    RACE_C             -0.131      0.089     -1.473      0.141
    RACE_L             -0.073      0.088     -0.831      0.406
    CM1BSEX            -0.113      0.030     -3.771      0.000

INTERNAL ON
    THREATCOMP          0.016      0.045      0.366      0.714
    DEPCOMP             0.066      0.051      1.288      0.198
    POVCO_AVG          -0.033      0.010     -3.420      0.001
    RACE_AA            -0.157      0.077     -2.047      0.041
    RACE_C             -0.015      0.059     -0.259      0.795
    RACE_L             -0.058      0.087     -0.665      0.506
    CM1BSEX             0.253      0.024     10.506      0.000

PAF        ON
    THREATCOMP         -0.006      0.023     -0.237      0.813
    DEPCOMP            -0.189      0.046     -4.073      0.000
    POVCO_AVG          -0.004      0.012     -0.376      0.707
    RACE_AA             0.209      0.088      2.361      0.018
    RACE_C             -0.004      0.087     -0.047      0.963
    RACE_L              0.195      0.056      3.507      0.000
    CM1BSEX            -0.188      0.029     -6.484      0.000

EXTERN     WITH
    EXCBCL              0.171      0.023      7.481      0.000

INTERNAL WITH
    INCBCL              0.015      0.067      0.223      0.823
```

Thresholds

K6B1A_R$1	−1.796	0.062	−28.788	0.000
K6B1A_R$2	−1.246	0.063	−19.732	0.000
K6B1A_R$3	0.017	0.065	0.254	0.800
K6B1B_R$1	−1.901	0.072	−26.276	0.000
K6B1B_R$2	−1.329	0.080	−16.583	0.000
K6B1B_R$3	−0.217	0.084	−2.590	0.010
K6B1C_R$1	−1.652	0.060	−27.753	0.000
K6B1C_R$2	−1.243	0.067	−18.533	0.000
K6B1C_R$3	−0.193	0.072	−2.685	0.007
K6B1D_R$1	−1.855	0.084	−22.038	0.000
K6B1D_R$2	−1.392	0.085	−16.332	0.000
K6B1D_R$3	−0.361	0.081	−4.462	0.000
K5E1A$1	−1.265	0.077	−16.352	0.000
K5E1A$2	−0.865	0.079	−10.985	0.000
K5E1A$3	−0.587	0.084	−6.979	0.000
K5E1A$4	−0.175	0.084	−2.073	0.038
K5E1B$1	−0.970	0.060	−16.258	0.000
K5E1B$2	−0.565	0.073	−7.727	0.000
K5E1B$3	−0.271	0.074	−3.644	0.000
K5E1B$4	0.190	0.077	2.483	0.013
K5E1C$1	−1.288	0.124	−10.375	0.000
K5E1C$2	−0.931	0.119	−7.809	0.000
K5E1C$3	−0.629	0.105	−6.017	0.000
K5E1C$4	−0.178	0.106	−1.688	0.091
K5E1D$1	−1.301	0.114	−11.452	0.000
K5E1D$2	−1.001	0.100	−9.987	0.000
K5E1D$3	−0.762	0.099	−7.694	0.000
K5E1D$4	−0.376	0.103	−3.668	0.000
K6D2AG_R$1	0.203	0.086	2.356	0.018
K6D2AG_R$2	0.749	0.088	8.512	0.000
K6D2AG_R$3	1.757	0.101	17.462	0.000
K6D2AI_R$1	0.218	0.089	2.457	0.014
K6D2AI_R$2	0.763	0.081	9.470	0.000
K6D2AI_R$3	1.511	0.089	16.922	0.000
K6D2D_R$1	0.278	0.076	3.661	0.000
K6D2D_R$2	0.819	0.079	10.311	0.000
K6D2D_R$3	1.664	0.089	18.621	0.000
K6D2J_R$1	−0.598	0.080	−7.437	0.000
K6D2J_R$2	0.101	0.067	1.516	0.130
K6D2J_R$3	1.282	0.067	19.027	0.000
K6D2T_R$1	0.502	0.071	7.111	0.000
K6D2T_R$2	0.946	0.070	13.491	0.000
K6D2T_R$3	1.748	0.084	20.848	0.000
K6D2AC_R$1	0.367	0.080	4.579	0.000
K6D2AC_R$2	0.813	0.077	10.553	0.000
K6D2AC_R$3	1.694	0.092	18.492	0.000
K6D2AK_R$1	−0.339	0.062	−5.504	0.000
K6D2AK_R$2	0.203	0.060	3.393	0.001

K6D2AK_R$3	1.092	0.053	20.495	0.000
K6D2C_R$1	−0.418	0.070	−5.956	0.000
K6D2C_R$2	0.063	0.067	0.940	0.347
K6D2C_R$3	1.079	0.077	13.932	0.000
K6D2N_R$1	0.182	0.091	1.993	0.046
K6D2N_R$2	0.765	0.091	8.418	0.000
K6D2N_R$3	1.737	0.098	17.805	0.000
K6D2X_R$1	0.950	0.158	6.006	0.000
K6D2X_R$2	1.377	0.153	8.993	0.000
K6D2X_R$3	2.130	0.163	13.075	0.000
K6D2A_R$1	−1.019	0.063	−16.290	0.000
K6D2A_R$2	−0.427	0.061	−7.006	0.000
K6D2A_R$3	0.860	0.072	11.871	0.000
K6D2P_R$1	−0.882	0.077	−11.429	0.000
K6D2P_R$2	−0.279	0.083	−3.357	0.001
K6D2P_R$3	0.835	0.097	8.636	0.000
K6D2R_R$1	−1.157	0.080	−14.522	0.000
K6D2R_R$2	−0.423	0.076	−5.577	0.000
K6D2R_R$3	0.876	0.085	10.314	0.000
K6D2Z_R$1	−1.111	0.087	−12.708	0.000
K6D2Z_R$2	−0.492	0.087	−5.660	0.000
K6D2Z_R$3	0.812	0.092	8.792	0.000
K6D2AB_R$1	−0.836	0.083	−10.117	0.000
K6D2AB_R$2	−0.190	0.079	−2.396	0.017
K6D2AB_R$3	0.850	0.083	10.176	0.000
K6D2AJ_R$1	−0.464	0.075	−6.175	0.000
K6D2AJ_R$2	0.050	0.074	0.677	0.498
K6D2AJ_R$3	0.971	0.086	11.240	0.000
K6D61C$1	1.195	0.131	9.132	0.000
K6D61C$2	1.968	0.134	14.745	0.000
K6D61C$3	2.263	0.138	16.371	0.000
K6D61D$1	0.171	0.132	1.299	0.194
K6D61D$2	1.114	0.131	8.527	0.000
K6D61D$3	1.567	0.120	13.020	0.000
K6D61E$1	0.965	0.129	7.450	0.000
K6D61E$2	1.794	0.119	15.138	0.000
K6D61E$3	2.166	0.140	15.487	0.000
K6D61K$1	1.259	0.124	10.176	0.000
K6D61K$2	2.075	0.125	16.593	0.000
K6D61K$3	2.326	0.140	16.660	0.000
K6D61L$1	0.718	0.128	5.607	0.000
K6D61L$2	1.596	0.132	12.069	0.000
K6D61L$3	1.957	0.139	14.101	0.000
K6D61M$1	0.394	0.125	3.137	0.002
K6D61M$2	1.290	0.127	10.130	0.000
K6D61M$3	1.665	0.125	13.337	0.000
K6D40_R$1	1.025	0.194	5.285	0.000
K6D48_R$1	0.797	0.142	5.615	0.000
K6F63_R$1	0.569	0.137	4.143	0.000
K6F68_R$1	1.952	0.143	13.648	0.000

K6F74_R$1	1.969	0.204	9.652	0.000
K6D2B_R$1	−2.127	0.126	−16.819	0.000
K6D2B_R$2	−1.700	0.122	−13.951	0.000
K6D2B_R$3	−0.676	0.107	−6.319	0.000
K6D2F_R$1	−1.812	0.102	−17.760	0.000
K6D2F_R$2	−1.317	0.105	−12.576	0.000
K6D2F_R$3	−0.055	0.100	−0.549	0.583
K6D2G_R$1	−2.129	0.126	−16.858	0.000
K6D2G_R$2	−1.854	0.094	−19.794	0.000
K6D2G_R$3	−0.852	0.085	−10.056	0.000
K6D2I_R$1	−1.873	0.097	−19.370	0.000
K6D2I_R$2	−1.166	0.098	−11.873	0.000
K6D2I_R$3	0.216	0.105	2.069	0.039
K6D2K_R$1	−2.188	0.100	−21.870	0.000
K6D2K_R$2	−1.464	0.088	−16.553	0.000
K6D2K_R$3	−0.036	0.083	−0.437	0.662
K6D2L_R$1	−2.395	0.136	−17.585	0.000
K6D2L_R$2	−2.005	0.124	−16.207	0.000
K6D2L_R$3	−1.051	0.129	−8.138	0.000
K6D2M_R$1	−2.216	0.085	−26.004	0.000
K6D2M_R$2	−1.512	0.069	−21.980	0.000
K6D2M_R$3	0.106	0.072	1.476	0.140
K6D2O_R$1	−1.478	0.104	−14.242	0.000
K6D2O_R$2	−1.148	0.101	−11.409	0.000
K6D2O_R$3	−0.211	0.093	−2.262	0.024
K6D2S_R$1	−2.121	0.100	−21.239	0.000
K6D2S_R$2	−1.557	0.097	−16.067	0.000
K6D2S_R$3	−0.331	0.096	−3.457	0.001
K6D2V_R$1	−2.340	0.121	−19.314	0.000
K6D2V_R$2	−1.834	0.115	−15.970	0.000
K6D2V_R$3	−0.220	0.130	−1.699	0.089
K6D2W_R$1	−2.080	0.114	−18.163	0.000
K6D2W_R$2	−1.369	0.106	−12.860	0.000
K6D2W_R$3	−0.068	0.115	−0.597	0.550
K6D2Y_R$1	−2.051	0.087	−23.448	0.000
K6D2Y_R$2	−1.565	0.093	−16.768	0.000
K6D2Y_R$3	−0.585	0.102	−5.717	0.000
K6D2AA_R$1	−2.218	0.121	−18.387	0.000
K6D2AA_R$2	−1.670	0.107	−15.624	0.000
K6D2AA_R$3	−0.437	0.101	−4.314	0.000
K6D2AE_R$1	−1.888	0.079	−24.028	0.000
K6D2AE_R$2	−1.142	0.059	−19.328	0.000
K6D2AE_R$3	0.364	0.066	5.512	0.000
K6D2AF_R$1	−2.019	0.083	−24.429	0.000
K6D2AF_R$2	−1.687	0.082	−20.628	0.000
K6D2AF_R$3	−0.565	0.078	−7.207	0.000
K6D2AH_R$1	−1.597	0.088	−18.105	0.000
K6D2AH_R$2	−1.190	0.091	−13.088	0.000
K6D2AH_R$3	0.044	0.096	0.460	0.646
P5Q3M$1	0.734	0.095	7.731	0.000

P5Q3M$2	1.803	0.099	18.170	0.000
P5Q3AB$1	0.713	0.068	10.512	0.000
P5Q3AB$2	2.164	0.101	21.359	0.000
P5Q3AD$1	0.838	0.104	8.070	0.000
P5Q3AD$2	1.940	0.152	12.795	0.000
P5Q3AF$1	1.211	0.120	10.123	0.000
P5Q3AF$2	2.324	0.110	21.088	0.000
P5Q3AH$1	1.600	0.154	10.420	0.000
P5Q3AH$2	2.553	0.132	19.392	0.000
P5Q3AR$1	1.210	0.111	10.897	0.000
P5Q3AR$2	2.270	0.115	19.686	0.000
P5Q3AV$1	1.069	0.123	8.683	0.000
P5Q3AV$2	2.239	0.163	13.730	0.000
P5Q3AX$1	1.335	0.112	11.885	0.000
P5Q3AX$2	2.394	0.125	19.202	0.000
P5Q3BQ$1	0.236	0.115	2.041	0.041
P5Q3BQ$2	1.846	0.116	15.907	0.000
P5Q3CK$1	2.036	0.267	7.615	0.000
P5Q3CK$2	2.623	0.277	9.475	0.000
P5Q3DB$1	0.397	0.087	4.556	0.000
P5Q3DB$2	1.864	0.103	18.173	0.000
P5Q3E$1	0.921	0.107	8.622	0.000
P5Q3E$2	1.857	0.115	16.093	0.000
P5Q3A0$1	0.831	0.107	7.753	0.000
P5Q3A0$2	1.951	0.121	16.171	0.000
P5Q3BK$1	1.046	0.098	10.720	0.000
P5Q3BK$2	2.169	0.112	19.338	0.000
P5Q3B0$1	0.714	0.092	7.805	0.000
P5Q3B0$2	2.064	0.098	21.043	0.000
P5Q3CU$1	1.462	0.131	11.159	0.000
P5Q3CU$2	2.357	0.143	16.475	0.000
P5Q3DA$1	1.213	0.125	9.736	0.000
P5Q3DA$2	2.372	0.147	16.142	0.000
P5Q3AS$1	0.815	0.118	6.928	0.000
P5Q3AS$2	2.502	0.130	19.179	0.000
P5Q3AU$1	1.499	0.130	11.537	0.000
P5Q3AU$2	2.472	0.140	17.688	0.000
P5Q3AZ$1	1.738	0.196	8.847	0.000
P5Q3AZ$2	2.653	0.186	14.288	0.000
P5Q3BB1$1	1.176	0.164	7.166	0.000
P5Q3BB1$2	2.246	0.184	12.234	0.000
P5Q3BB2$1	0.737	0.126	5.841	0.000
P5Q3BB2$2	2.008	0.124	16.214	0.000
P5Q3BB5$1	1.132	0.091	12.458	0.000
P5Q3BB5$2	2.013	0.093	21.756	0.000
P5Q3BB6$1	1.135	0.141	8.057	0.000
P5Q3BB6$2	2.429	0.168	14.423	0.000
P5Q3BB7$1	1.619	0.181	8.969	0.000
P5Q3BB7$2	2.535	0.186	13.652	0.000
P5Q3X$1	0.594	0.107	5.564	0.000

P5Q3X$2	1.778	0.129	13.767	0.000
P5Q3AA$1	−0.116	0.089	−1.309	0.190
P5Q3AA$2	1.751	0.119	14.709	0.000
P5Q3AL$1	1.027	0.121	8.503	0.000
P5Q3AL$2	2.265	0.154	14.683	0.000
P5Q3AP$1	0.565	0.078	7.239	0.000
P5Q3AP$2	2.257	0.086	26.116	0.000
P5Q3BI$1	0.254	0.089	2.858	0.004
P5Q3BI$2	1.619	0.086	18.927	0.000
P5Q3BZ$1	1.973	0.250	7.906	0.000
P5Q3BZ$2	2.702	0.239	11.303	0.000
P5Q3CJ$1	1.272	0.137	9.276	0.000
P5Q3CJ$2	2.309	0.130	17.808	0.000
P5Q3C$1	−0.178	0.111	−1.612	0.107
P5Q3C$2	1.194	0.108	11.058	0.000
P5Q3O$1	0.940	0.145	6.483	0.000
P5Q3O$2	1.979	0.169	11.703	0.000
P5Q3R$1	0.186	0.071	2.627	0.009
P5Q3R$2	1.346	0.075	17.927	0.000
P5Q3S$1	0.718	0.080	9.004	0.000
P5Q3S$2	1.700	0.105	16.121	0.000
P5Q3T$1	0.669	0.089	7.510	0.000
P5Q3T$2	1.918	0.146	13.127	0.000
P5Q3U$1	−0.104	0.096	−1.082	0.279
P5Q3U$2	1.773	0.100	17.664	0.000
P5Q3V$1	0.290	0.115	2.529	0.011
P5Q3V$2	1.811	0.106	17.113	0.000
P5Q3AJ$1	1.112	0.138	8.047	0.000
P5Q3AJ$2	2.082	0.150	13.916	0.000
P5Q3BC$1	1.344	0.119	11.332	0.000
P5Q3BC$2	2.223	0.140	15.836	0.000
P5Q3BN$1	0.736	0.077	9.601	0.000
P5Q3BN$2	1.833	0.086	21.349	0.000
P5Q3CF$1	0.302	0.119	2.549	0.011
P5Q3CF$2	1.793	0.145	12.349	0.000
P5Q3CG$1	0.560	0.064	8.747	0.000
P5Q3CG$2	2.024	0.088	22.949	0.000
P5Q3CH$1	1.017	0.070	14.589	0.000
P5Q3CH$2	2.219	0.091	24.261	0.000
P5Q3CI$1	1.277	0.098	13.050	0.000
P5Q3CI$2	2.477	0.131	18.917	0.000
P5Q3CN$1	0.756	0.102	7.417	0.000
P5Q3CN$2	2.063	0.088	23.324	0.000
P5Q3CO$1	0.312	0.076	4.123	0.000
P5Q3CO$2	1.505	0.081	18.562	0.000
P5Q3CQ$1	1.499	0.148	10.128	0.000
P5Q3CQ$2	2.284	0.148	15.413	0.000
P5Q3CW$1	0.760	0.092	8.240	0.000
P5Q3CW$2	1.888	0.076	24.996	0.000

Residual Variances

SC15	0.628	0.020	31.982	0.000
SC9	0.956	0.017	54.621	0.000
INTERNALIZ	0.122	0.034	3.579	0.000
EXTERN	0.700	0.012	59.031	0.000
PAF	0.562	0.030	18.725	0.000
INCBCL	0.889	0.011	81.929	0.000
EXCBCL	0.833	0.015	54.459	0.000

R-SQUARE

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value	Residual Variance
K6B1A_R	0.427	0.023	18.927	0.000	0.576
K6B1B_R	0.588	0.026	23.018	0.000	0.415
K6B1C_R	0.587	0.031	19.008	0.000	0.417
K6B1D_R	0.399	0.029	13.839	0.000	0.605
K5E1A	0.039	0.007	5.509	0.000	0.961
K5E1B	0.023	0.006	3.673	0.000	0.977
K5E1C	0.048	0.008	5.929	0.000	0.952
K5E1D	0.047	0.010	4.784	0.000	0.954
K6D2AG_R	0.595	0.016	36.467	0.000	0.415
K6D2AI_R	0.341	0.018	19.461	0.000	0.668
K6D2D_R	0.424	0.025	17.036	0.000	0.586
K6D2J_R	0.329	0.019	17.794	0.000	0.679
K6D2T_R	0.483	0.019	24.890	0.000	0.527
K6D2AC_R	0.768	0.024	32.297	0.000	0.239
K6D2AK_R	0.331	0.019	17.713	0.000	0.678
K6D2C_R	0.376	0.021	17.742	0.000	0.633
K6D2N_R	0.674	0.016	43.145	0.000	

0.335

K6D2X_R	0.621	0.025	24.974	0.000	0.389
K6D2A_R	0.266	0.019	14.249	0.000	0.751
K6D2P_R	0.501	0.014	36.256	0.000	0.521
K6D2R_R	0.310	0.024	13.093	0.000	0.709
K6D2Z_R	0.299	0.015	19.568	0.000	0.719
K6D2AB_R	0.348	0.024	14.561	0.000	0.671
K6D2AJ_R	0.544	0.014	39.278	0.000	0.478
K6D61C	0.834	0.014	61.430	0.000	0.179
K6D61D	0.383	0.020	18.829	0.000	0.637
K6D61E	0.337	0.029	11.576	0.000	0.682
K6D61K	0.782	0.015	50.597	0.000	0.234
K6D61L	0.316	0.023	13.985	0.000	0.703
K6D61M	0.235	0.025	9.547	0.000	0.781
K6D40_R	0.419	0.043	9.721	0.000	0.602
K6D48_R	0.331	0.020	16.879	0.000	0.689
K6F63_R	0.353	0.021	17.029	0.000	0.667
K6F68_R	0.434	0.058	7.505	0.000	0.587
K6F74_R	0.444	0.049	9.146	0.000	0.577
K6D2B_R	0.582	0.018	31.448	0.000	0.427
K6D2F_R	0.455	0.018	24.649	0.000	0.554
K6D2G_R	0.207	0.019	10.976	0.000	0.799
K6D2I_R	0.251	0.014	17.569	0.000	0.756
K6D2K_R	0.318	0.021	14.836	0.000	0.690
K6D2L_R	0.519	0.024	21.947	0.000	0.490
K6D2M_R	0.334	0.018	18.308	0.000	

0.674
K6D2O_R	0.334	0.021	16.215	0.000

0.674
| K6D2S_R | 0.758 | 0.019 | 40.743 | 0.000 |

0.249
| K6D2V_R | 0.353 | 0.023 | 15.253 | 0.000 |

0.655
| K6D2W_R | 0.433 | 0.020 | 21.354 | 0.000 |

0.576
| K6D2Y_R | 0.428 | 0.027 | 15.794 | 0.000 |

0.581
| K6D2AA_R | 0.512 | 0.019 | 26.739 | 0.000 |

0.497
| K6D2AE_R | 0.240 | 0.014 | 17.713 | 0.000 |

0.767
| K6D2AF_R | 0.403 | 0.017 | 23.677 | 0.000 |

0.605
| K6D2AH_R | 0.236 | 0.015 | 15.280 | 0.000 |

0.771
| P5Q3M | 0.293 | 0.024 | 12.326 | 0.000 |

0.731
| P5Q3AB | 0.225 | 0.024 | 9.274 | 0.000 |

0.795
| P5Q3AD | 0.370 | 0.032 | 11.450 | 0.000 |

0.657
| P5Q3AF | 0.485 | 0.027 | 18.217 | 0.000 |

0.544
| P5Q3AH | 0.697 | 0.032 | 21.642 | 0.000 |

0.329
| P5Q3AR | 0.379 | 0.048 | 7.967 | 0.000 |

0.649
| P5Q3AV | 0.515 | 0.022 | 23.366 | 0.000 |

0.514
| P5Q3AX | 0.631 | 0.036 | 17.760 | 0.000 |

0.397
| P5Q3BQ | 0.324 | 0.018 | 17.848 | 0.000 |

0.701
| P5Q3CK | 0.684 | 0.038 | 18.049 | 0.000 |

0.342
| P5Q3DB | 0.360 | 0.028 | 12.937 | 0.000 |

0.667
| P5Q3E | 0.202 | 0.022 | 9.165 | 0.000 |

0.816
| P5Q3A0 | 0.344 | 0.024 | 14.340 | 0.000 |

0.682
| P5Q3BK | 0.433 | 0.038 | 11.447 | 0.000 |

0.596
| P5Q3B0 | 0.354 | 0.026 | 13.380 | 0.000 |

0.673
| P5Q3CU | 0.465 | 0.025 | 18.751 | 0.000 |

0.564

P5Q3DA	0.514	0.025	20.796	0.000	0.516
P5Q3AS	0.317	0.020	15.628	0.000	0.707
P5Q3AU	0.326	0.034	9.506	0.000	0.699
P5Q3AZ	0.606	0.024	25.026	0.000	0.423
P5Q3BB1	0.496	0.025	20.134	0.000	0.534
P5Q3BB2	0.360	0.023	15.339	0.000	0.666
P5Q3BB5	0.207	0.019	11.091	0.000	0.811
P5Q3BB6	0.505	0.028	18.344	0.000	0.524
P5Q3BB7	0.424	0.035	12.023	0.000	0.605
P5Q3X	0.369	0.021	17.709	0.000	0.672
P5Q3AA	0.630	0.019	32.351	0.000	0.413
P5Q3AL	0.424	0.022	19.497	0.000	0.620
P5Q3AP	0.506	0.023	22.124	0.000	0.539
P5Q3BI	0.174	0.022	7.962	0.000	0.851
P5Q3BZ	0.555	0.046	12.081	0.000	0.491
P5Q3CJ	0.558	0.046	12.210	0.000	0.487
P5Q3C	0.431	0.026	16.560	0.000	0.614
P5Q30	0.624	0.023	27.208	0.000	0.419
P5Q3R	0.413	0.022	18.954	0.000	0.630
P5Q3S	0.641	0.020	31.849	0.000	0.402
P5Q3T	0.644	0.025	25.972	0.000	0.398
P5Q3U	0.600	0.019	31.861	0.000	0.445
P5Q3V	0.592	0.019	30.496	0.000	0.453
P5Q3AJ	0.622	0.030	20.949	0.000	0.422
P5Q3BC	0.653	0.030	21.665	0.000	

```
0.390
     P5Q3BN              0.557       0.031      17.749        0.000
0.489
     P5Q3CF              0.573       0.022      25.632        0.000
0.472
     P5Q3CG              0.519       0.019      27.644        0.000
0.526
     P5Q3CH              0.430       0.032      13.341        0.000
0.614
     P5Q3CI              0.355       0.037       9.695        0.000
0.686
     P5Q3CN              0.456       0.024      19.089        0.000
0.589
     P5Q3CO              0.618       0.011      57.648        0.000
0.426
     P5Q3CQ              0.766       0.034      22.725        0.000
0.268
     P5Q3CW              0.405       0.018      22.711        0.000
0.638

     Latent                                              Two-Tailed
     Variable         Estimate       S.E.   Est./S.E.     P-Value

     SC15                0.372       0.020      18.954        0.000
     SC9                 0.044       0.017       2.530        0.011
     INTERNAL            0.878       0.034      25.837        0.000
     EXTERN              0.300       0.012      25.243        0.000
     PAF                 0.438       0.030      14.570        0.000
     INCBCL              0.111       0.011      10.212        0.000
     EXCBCL              0.167       0.015      10.935        0.000


QUALITY OF NUMERICAL RESULTS

     Condition Number for the Information Matrix
0.378E-04
          (ratio of smallest to largest eigenvalue)


     Beginning Time:  12:35:05
        Ending Time:  13:10:00
       Elapsed Time:  00:34:55
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