

Mplus VERSION 8.4 (Mac)
MUTHEN & MUTHEN
10/26/2020 9:49 AM

INPUT INSTRUCTIONS

TITLE: Structural Models – PAF Int Ext w CBCL Controls
DATA: FILE = "All_Variables_101320_wCBCL_forSC9Check.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 k6b1c_r k6b1b_r k6b1d_r povco_avg Race_AA Race_C Race_L
cm1bsex
InternCBCL9 ExternCBCL9 Intern_CBCL15 Extern_CBCL15 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;

! 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
! Delinquency
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
! Delinquency
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);

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;
InCBCL ON SC9;

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

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;

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

EXTERN ON ExCBCL;
Internalizing ON 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;
InCBCL 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: modindices (ALL) 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

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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 cases with missing on all variables.
These cases were not included in the analysis.
Number of cases with missing on all variables: 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: 2354

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						2543
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	
K6D20_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	
P5Q30	P5Q3R	P5Q3S	P5Q3T	P5Q3U	P5Q3V	
P5Q3AJ	P5Q3BC	P5Q3BN	P5Q3CF	P5Q3CG	P5Q3CH	
P5Q3CI	P5Q3CN	P5Q3C0	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						
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_101320_wCBCL_forSC9Check.dat

Input data format FREE

SUMMARY OF DATA

Number of missing data patterns	195
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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	0.982			
K6B1B_R	0.982	0.982		
K6B1C_R	0.982	0.982	0.982	
K6B1D_R	0.981	0.981	0.981	0.981
K5E1A	0.923	0.923	0.923	0.922
0.938				
K5E1B	0.930	0.930	0.930	0.929
0.934				
K5E1C	0.934	0.934	0.934	0.933
0.937				
K5E1D	0.930	0.929	0.929	0.928
0.934				
K6D2AG_R	0.981	0.980	0.980	0.980
0.937				
K6D2AI_R	0.979	0.978	0.978	0.978
0.936				
K6D2D_R	0.976	0.976	0.976	0.975
0.932				

K6D2J_R 0.925	0.969	0.968	0.968	0.967
K6D2T_R 0.937	0.981	0.980	0.980	0.980
K6D2AC_R 0.936	0.980	0.979	0.979	0.978
K6D2AK_R 0.937	0.980	0.979	0.979	0.978
K6D2C_R 0.928	0.971	0.971	0.971	0.970
K6D2N_R 0.936	0.980	0.979	0.979	0.978
K6D2X_R 0.937	0.980	0.980	0.980	0.979
K6D2A_R 0.937	0.981	0.980	0.980	0.980
K6D2P_R 0.937	0.981	0.980	0.980	0.980
K6D2R_R 0.937	0.980	0.980	0.980	0.979
K6D2Z_R 0.937	0.980	0.980	0.980	0.979
K6D2AB_R 0.937	0.981	0.981	0.981	0.980
K6D2AJ_R 0.937	0.980	0.980	0.980	0.979
K6D61C 0.936	0.979	0.979	0.979	0.978
K6D61D 0.936	0.979	0.979	0.979	0.978
K6D61E 0.936	0.979	0.978	0.978	0.978
K6D61K 0.935	0.978	0.978	0.978	0.977
K6D61L 0.936	0.979	0.979	0.979	0.978
K6D61M 0.934	0.977	0.977	0.977	0.976
K6D40_R 0.936	0.980	0.979	0.979	0.978
K6D48_R 0.936	0.980	0.979	0.979	0.978
K6F63_R 0.936	0.978	0.978	0.978	0.977
K6F68_R 0.935	0.978	0.977	0.977	0.976
K6F74_R 0.936	0.978	0.978	0.978	0.977
K6D2B_R 0.937	0.980	0.980	0.980	0.979

K6D2F_R 0.937	0.981	0.980	0.980	0.980
K6D2G_R 0.937	0.981	0.981	0.981	0.980
K6D2I_R 0.936	0.980	0.980	0.980	0.979
K6D2K_R 0.937	0.981	0.981	0.981	0.980
K6D2L_R 0.937	0.981	0.981	0.981	0.980
K6D2M_R 0.937	0.981	0.981	0.981	0.980
K6D2O_R 0.937	0.980	0.980	0.980	0.979
K6D2S_R 0.937	0.981	0.981	0.981	0.980
K6D2V_R 0.937	0.981	0.981	0.981	0.980
K6D2W_R 0.937	0.981	0.980	0.980	0.980
K6D2Y_R 0.937	0.981	0.981	0.981	0.980
K6D2AA_R 0.937	0.981	0.981	0.981	0.980
K6D2AE_R 0.936	0.980	0.980	0.980	0.979
K6D2AF_R 0.937	0.981	0.981	0.981	0.980
K6D2AH_R 0.925	0.969	0.968	0.968	0.967
P5Q3M 0.921	0.926	0.926	0.926	0.925
P5Q3AB 0.922	0.927	0.927	0.927	0.926
P5Q3AD 0.920	0.925	0.925	0.925	0.924
P5Q3AF 0.921	0.926	0.926	0.926	0.925
P5Q3AH 0.923	0.928	0.927	0.927	0.926
P5Q3AR 0.923	0.928	0.927	0.927	0.926
P5Q3AV 0.923	0.928	0.928	0.928	0.927
P5Q3AX 0.923	0.928	0.928	0.928	0.927
P5Q3BQ 0.922	0.927	0.926	0.926	0.926
P5Q3CK 0.924	0.929	0.928	0.928	0.928

P5Q3DB 0.912	0.917	0.916	0.916	0.915
P5Q3E 0.918	0.923	0.923	0.923	0.922
P5Q3A0 0.922	0.927	0.926	0.926	0.926
P5Q3BK 0.921	0.926	0.926	0.926	0.925
P5Q3B0 0.924	0.929	0.929	0.929	0.928
P5Q3CU 0.923	0.928	0.927	0.927	0.926
P5Q3DA 0.920	0.925	0.925	0.925	0.924
P5Q3AS 0.923	0.928	0.927	0.927	0.926
P5Q3AU 0.921	0.926	0.926	0.926	0.925
P5Q3AZ 0.922	0.927	0.927	0.927	0.926
P5Q3BB1 0.921	0.926	0.926	0.926	0.925
P5Q3BB2 0.919	0.925	0.924	0.924	0.924
P5Q3BB5 0.918	0.924	0.923	0.923	0.923
P5Q3BB6 0.921	0.927	0.926	0.926	0.926
P5Q3BB7 0.912	0.917	0.917	0.917	0.916
P5Q3X 0.921	0.926	0.926	0.926	0.925
P5Q3AA 0.921	0.926	0.926	0.926	0.925
P5Q3AL 0.922	0.927	0.927	0.927	0.926
P5Q3AP 0.924	0.929	0.928	0.928	0.928
P5Q3BI 0.922	0.927	0.927	0.927	0.926
P5Q3BZ 0.924	0.929	0.929	0.929	0.928
P5Q3CJ 0.923	0.928	0.927	0.927	0.926
P5Q3C 0.915	0.921	0.920	0.920	0.919
P5Q30 0.921	0.926	0.926	0.926	0.925
P5Q3R 0.923	0.928	0.927	0.927	0.926

P5Q3S 0.923	0.928	0.927	0.927	0.926
P5Q3T 0.922	0.927	0.927	0.927	0.926
P5Q3U 0.922	0.927	0.926	0.926	0.926
P5Q3V 0.915	0.920	0.919	0.919	0.919
P5Q3AJ 0.923	0.928	0.928	0.928	0.927
P5Q3BC 0.919	0.924	0.924	0.924	0.923
P5Q3BN 0.923	0.928	0.928	0.928	0.927
P5Q3CF 0.923	0.929	0.928	0.928	0.928
P5Q3CG 0.923	0.928	0.928	0.928	0.927
P5Q3CH 0.918	0.923	0.923	0.923	0.922
P5Q3CI 0.923	0.928	0.928	0.928	0.927
P5Q3CN 0.923	0.928	0.928	0.928	0.927
P5Q3C0 0.923	0.928	0.928	0.928	0.927
P5Q3CQ 0.924	0.929	0.928	0.928	0.928
P5Q3CW 0.924	0.929	0.929	0.929	0.928

	Covariance Coverage			
K6D2AI_R	K5E1B	K5E1C	K5E1D	K6D2AG_R
K5E1B	0.945			
K5E1C	0.944	0.950		
K5E1D	0.941	0.945	0.945	
K6D2AG_R	0.944	0.949	0.944	0.999
K6D2AI_R 0.997	0.943	0.948	0.943	0.996
K6D2D_R 0.992	0.939	0.944	0.940	0.994
K6D2J_R 0.985	0.932	0.937	0.932	0.986
K6D2T_R 0.996	0.944	0.949	0.944	0.998
K6D2AC_R	0.943	0.948	0.943	0.997

0.995				
K6D2AK_R	0.943	0.948	0.943	0.997
0.996				
K6D2C_R	0.935	0.939	0.935	0.989
0.987				
K6D2N_R	0.943	0.947	0.943	0.997
0.995				
K6D2X_R	0.944	0.948	0.944	0.998
0.996				
K6D2A_R	0.944	0.949	0.944	0.998
0.996				
K6D2P_R	0.944	0.949	0.944	0.998
0.996				
K6D2R_R	0.944	0.948	0.944	0.998
0.996				
K6D2Z_R	0.944	0.948	0.944	0.998
0.996				
K6D2AB_R	0.945	0.949	0.945	0.999
0.997				
K6D2AJ_R	0.944	0.949	0.944	0.998
0.997				
K6D61C	0.943	0.948	0.943	0.996
0.995				
K6D61D	0.943	0.948	0.943	0.996
0.995				
K6D61E	0.943	0.947	0.943	0.996
0.995				
K6D61K	0.942	0.947	0.942	0.996
0.995				
K6D61L	0.943	0.948	0.943	0.997
0.996				
K6D61M	0.941	0.945	0.941	0.994
0.993				
K6D40_R	0.943	0.948	0.943	0.997
0.995				
K6D48_R	0.943	0.948	0.943	0.997
0.995				
K6F63_R	0.943	0.947	0.943	0.996
0.994				
K6F68_R	0.942	0.947	0.942	0.995
0.994				
K6F74_R	0.943	0.947	0.943	0.996
0.994				
K6D2B_R	0.944	0.948	0.944	0.998
0.996				
K6D2F_R	0.944	0.949	0.944	0.998
0.996				
K6D2G_R	0.945	0.949	0.945	0.999
0.997				
K6D2I_R	0.943	0.948	0.944	0.998

0.996				
K6D2K_R	0.945	0.949	0.945	0.999
0.997				
K6D2L_R	0.945	0.949	0.945	0.999
0.997				
K6D2M_R	0.945	0.949	0.945	0.999
0.997				
K6D2O_R	0.944	0.948	0.944	0.998
0.996				
K6D2S_R	0.945	0.949	0.945	0.999
0.997				
K6D2V_R	0.945	0.949	0.945	0.999
0.997				
K6D2W_R	0.944	0.949	0.945	0.998
0.996				
K6D2Y_R	0.945	0.949	0.945	0.999
0.997				
K6D2AA_R	0.945	0.949	0.945	0.999
0.997				
K6D2AE_R	0.943	0.948	0.943	0.998
0.996				
K6D2AF_R	0.945	0.949	0.945	0.999
0.997				
K6D2AH_R	0.932	0.937	0.932	0.986
0.984				
P5Q3M	0.928	0.932	0.928	0.943
0.941				
P5Q3AB	0.929	0.934	0.929	0.944
0.942				
P5Q3AD	0.926	0.931	0.927	0.941
0.940				
P5Q3AF	0.928	0.933	0.928	0.943
0.941				
P5Q3AH	0.929	0.934	0.930	0.944
0.943				
P5Q3AR	0.929	0.934	0.930	0.944
0.943				
P5Q3AV	0.930	0.934	0.930	0.945
0.943				
P5Q3AX	0.930	0.935	0.930	0.945
0.943				
P5Q3BQ	0.929	0.934	0.929	0.943
0.942				
P5Q3CK	0.930	0.935	0.931	0.945
0.944				
P5Q3DB	0.918	0.923	0.919	0.933
0.931				
P5Q3E	0.924	0.929	0.925	0.939
0.938				
P5Q3A0	0.928	0.933	0.929	0.943

0.942				
P5Q3BK	0.928	0.933	0.928	0.943
0.941				
P5Q3B0	0.931	0.936	0.931	0.946
0.944				
P5Q3CU	0.929	0.934	0.930	0.944
0.943				
P5Q3DA	0.927	0.932	0.927	0.942
0.940				
P5Q3AS	0.929	0.934	0.930	0.944
0.943				
P5Q3AU	0.928	0.932	0.928	0.943
0.941				
P5Q3AZ	0.929	0.934	0.929	0.944
0.942				
P5Q3BB1	0.927	0.932	0.928	0.942
0.941				
P5Q3BB2	0.926	0.931	0.926	0.941
0.939				
P5Q3BB5	0.924	0.929	0.925	0.939
0.938				
P5Q3BB6	0.928	0.933	0.928	0.943
0.941				
P5Q3BB7	0.919	0.924	0.919	0.934
0.932				
P5Q3X	0.928	0.932	0.928	0.943
0.941				
P5Q3AA	0.928	0.933	0.928	0.943
0.941				
P5Q3AL	0.929	0.934	0.929	0.944
0.942				
P5Q3AP	0.930	0.935	0.931	0.945
0.944				
P5Q3BI	0.929	0.934	0.929	0.944
0.942				
P5Q3BZ	0.931	0.936	0.931	0.946
0.944				
P5Q3CJ	0.929	0.934	0.930	0.944
0.943				
P5Q3C	0.922	0.927	0.923	0.937
0.935				
P5Q30	0.928	0.932	0.928	0.943
0.941				
P5Q3R	0.929	0.934	0.930	0.944
0.943				
P5Q3S	0.929	0.934	0.930	0.944
0.943				
P5Q3T	0.929	0.934	0.929	0.944
0.942				
P5Q3U	0.928	0.933	0.929	0.943

0.942				
P5Q3V	0.921	0.926	0.922	0.936
0.935				
P5Q3AJ	0.930	0.934	0.930	0.945
0.943				
P5Q3BC	0.926	0.930	0.926	0.941
0.939				
P5Q3BN	0.930	0.935	0.930	0.945
0.943				
P5Q3CF	0.930	0.935	0.930	0.945
0.943				
P5Q3CG	0.930	0.934	0.930	0.945
0.943				
P5Q3CH	0.925	0.930	0.925	0.940
0.938				
P5Q3CI	0.930	0.934	0.930	0.945
0.943				
P5Q3CN	0.930	0.935	0.930	0.945
0.943				
P5Q3C0	0.930	0.935	0.930	0.945
0.943				
P5Q3CQ	0.930	0.935	0.931	0.945
0.944				
P5Q3CW	0.931	0.936	0.931	0.946
0.944				

	Covariance	Coverage		
K6D2AK_R	K6D2D_R	K6D2J_R	K6D2T_R	K6D2AC_R
K6D2D_R	0.994			
K6D2J_R	0.982	0.987		
K6D2T_R	0.994	0.986	0.999	
K6D2AC_R	0.993	0.985	0.997	0.998
K6D2AK_R	0.993	0.985	0.997	0.996
0.998				
K6D2C_R	0.984	0.980	0.989	0.987
0.988				
K6D2N_R	0.992	0.985	0.997	0.996
0.996				
K6D2X_R	0.993	0.986	0.998	0.997
0.997				
K6D2A_R	0.994	0.986	0.998	0.997
0.997				
K6D2P_R	0.994	0.986	0.998	0.997
0.997				
K6D2R_R	0.993	0.986	0.998	0.997
0.997				

K6D2Z_R 0.997	0.993	0.986	0.998	0.997
K6D2AB_R 0.998	0.994	0.987	0.999	0.998
K6D2AJ_R 0.998	0.993	0.986	0.998	0.997
K6D61C 0.996	0.992	0.984	0.996	0.995
K6D61D 0.996	0.992	0.984	0.997	0.995
K6D61E 0.996	0.991	0.984	0.996	0.995
K6D61K 0.996	0.991	0.984	0.996	0.995
K6D61L 0.996	0.992	0.985	0.997	0.996
K6D61M 0.994	0.990	0.982	0.994	0.993
K6D40_R 0.996	0.992	0.985	0.997	0.996
K6D48_R 0.996	0.992	0.985	0.997	0.996
K6F63_R 0.995	0.991	0.983	0.996	0.994
K6F68_R 0.995	0.991	0.983	0.995	0.994
K6F74_R 0.995	0.991	0.983	0.996	0.994
K6D2B_R 0.997	0.993	0.986	0.998	0.998
K6D2F_R 0.997	0.994	0.986	0.998	0.997
K6D2G_R 0.998	0.994	0.987	0.999	0.998
K6D2I_R 0.996	0.993	0.985	0.998	0.996
K6D2K_R 0.998	0.994	0.987	0.999	0.998
K6D2L_R 0.998	0.994	0.987	0.999	0.998
K6D2M_R 0.998	0.994	0.987	0.999	0.998
K6D2O_R 0.996	0.993	0.985	0.998	0.997
K6D2S_R 0.998	0.994	0.987	0.999	0.998
K6D2V_R 0.998	0.994	0.987	0.999	0.998
K6D2W_R 0.997	0.994	0.986	0.998	0.997

K6D2Y_R 0.998	0.994	0.987	0.999	0.998
K6D2AA_R 0.998	0.994	0.987	0.999	0.998
K6D2AE_R 0.996	0.993	0.986	0.998	0.996
K6D2AF_R 0.998	0.994	0.987	0.999	0.998
K6D2AH_R 0.985	0.982	0.975	0.986	0.985
P5Q3M 0.941	0.938	0.931	0.943	0.941
P5Q3AB 0.943	0.939	0.932	0.944	0.943
P5Q3AD 0.940	0.937	0.929	0.941	0.940
P5Q3AF 0.942	0.938	0.931	0.943	0.942
P5Q3AH 0.943	0.939	0.932	0.944	0.943
P5Q3AR 0.943	0.939	0.932	0.944	0.943
P5Q3AV 0.943	0.940	0.932	0.945	0.943
P5Q3AX 0.944	0.940	0.933	0.945	0.944
P5Q3BQ 0.942	0.939	0.931	0.943	0.942
P5Q3CK 0.944	0.941	0.933	0.945	0.944
P5Q3DB 0.932	0.928	0.921	0.933	0.932
P5Q3E 0.938	0.935	0.928	0.939	0.938
P5Q3A0 0.942	0.939	0.931	0.943	0.942
P5Q3BK 0.942	0.938	0.931	0.943	0.942
P5Q3B0 0.945	0.941	0.934	0.946	0.945
P5Q3CU 0.943	0.939	0.932	0.944	0.943
P5Q3DA 0.941	0.937	0.930	0.942	0.941
P5Q3AS 0.943	0.939	0.932	0.944	0.943
P5Q3AU 0.941	0.938	0.930	0.943	0.941
P5Q3AZ 0.943	0.939	0.932	0.944	0.943

P5Q3BB1	0.937	0.930	0.942	0.941
0.941				
P5Q3BB2	0.936	0.929	0.941	0.940
0.940				
P5Q3BB5	0.935	0.928	0.939	0.938
0.938				
P5Q3BB6	0.938	0.931	0.943	0.942
0.942				
P5Q3BB7	0.929	0.921	0.934	0.932
0.932				
P5Q3X	0.938	0.930	0.943	0.941
0.941				
P5Q3AA	0.938	0.931	0.943	0.942
0.942				
P5Q3AL	0.939	0.932	0.944	0.943
0.943				
P5Q3AP	0.941	0.933	0.945	0.944
0.944				
P5Q3BI	0.939	0.932	0.944	0.943
0.943				
P5Q3BZ	0.941	0.934	0.946	0.945
0.945				
P5Q3CJ	0.939	0.932	0.944	0.943
0.943				
P5Q3C	0.932	0.926	0.937	0.936
0.936				
P5Q3O	0.938	0.931	0.943	0.941
0.941				
P5Q3R	0.939	0.932	0.944	0.943
0.943				
P5Q3S	0.939	0.932	0.944	0.943
0.943				
P5Q3T	0.939	0.932	0.944	0.943
0.943				
P5Q3U	0.939	0.931	0.943	0.942
0.942				
P5Q3V	0.932	0.924	0.936	0.935
0.935				
P5Q3AJ	0.940	0.932	0.945	0.943
0.943				
P5Q3BC	0.936	0.929	0.941	0.939
0.939				
P5Q3BN	0.940	0.933	0.945	0.944
0.944				
P5Q3CF	0.940	0.933	0.945	0.944
0.944				
P5Q3CG	0.940	0.932	0.945	0.943
0.943				
P5Q3CH	0.935	0.928	0.940	0.939
0.939				

P5Q3CI 0.943	0.940	0.932	0.945	0.943
P5Q3CN 0.944	0.940	0.933	0.945	0.944
P5Q3C0 0.944	0.940	0.933	0.945	0.944
P5Q3CQ 0.944	0.941	0.933	0.945	0.944
P5Q3CW 0.945	0.941	0.934	0.946	0.945

	Covariance Coverage			
K6D2P_R	K6D2C_R	K6D2N_R	K6D2X_R	K6D2A_R
K6D2C_R 0.999	0.989			
K6D2N_R 0.998	0.987	0.997		
K6D2X_R 0.998	0.988	0.997	0.998	
K6D2A_R 0.999	0.989	0.997	0.998	0.999
K6D2P_R 0.999	0.989	0.997	0.998	0.998
K6D2R_R 0.998	0.988	0.996	0.998	0.998
K6D2Z_R 0.998	0.989	0.996	0.998	0.998
K6D2AB_R 0.999	0.989	0.997	0.998	0.999
K6D2AJ_R 0.998	0.988	0.996	0.998	0.998
K6D61C 0.996	0.987	0.995	0.996	0.996
K6D61D 0.996	0.987	0.995	0.996	0.996
K6D61E 0.996	0.986	0.994	0.996	0.996
K6D61K 0.996	0.986	0.994	0.996	0.996
K6D61L 0.997	0.987	0.995	0.996	0.997
K6D61M 0.994	0.985	0.993	0.994	0.994
K6D40_R 0.997	0.987	0.995	0.996	0.997
K6D48_R 0.997	0.987	0.995	0.996	0.997
K6F63_R 0.996	0.986	0.994	0.995	0.996
K6F68_R	0.985	0.994	0.995	0.995

0.995				
K6F74_R	0.986	0.994	0.995	0.996
0.996				
K6D2B_R	0.988	0.997	0.998	0.998
0.998				
K6D2F_R	0.989	0.997	0.998	0.998
0.998				
K6D2G_R	0.989	0.997	0.998	0.999
0.999				
K6D2I_R	0.988	0.996	0.997	0.998
0.998				
K6D2K_R	0.989	0.997	0.998	0.999
0.999				
K6D2L_R	0.989	0.997	0.998	0.999
0.999				
K6D2M_R	0.989	0.997	0.998	0.999
0.999				
K6D2O_R	0.988	0.996	0.998	0.998
0.998				
K6D2S_R	0.989	0.997	0.998	0.999
0.999				
K6D2V_R	0.989	0.997	0.998	0.999
0.999				
K6D2W_R	0.989	0.997	0.998	0.998
0.998				
K6D2Y_R	0.989	0.997	0.998	0.999
0.999				
K6D2AA_R	0.989	0.997	0.998	0.999
0.999				
K6D2AE_R	0.988	0.996	0.997	0.998
0.998				
K6D2AF_R	0.989	0.997	0.998	0.999
0.999				
K6D2AH_R	0.978	0.985	0.986	0.986
0.986				
P5Q3M	0.933	0.941	0.942	0.943
0.943				
P5Q3AB	0.934	0.942	0.943	0.944
0.944				
P5Q3AD	0.932	0.940	0.941	0.941
0.942				
P5Q3AF	0.933	0.941	0.943	0.943
0.943				
P5Q3AH	0.934	0.943	0.944	0.944
0.945				
P5Q3AR	0.934	0.943	0.944	0.944
0.945				
P5Q3AV	0.935	0.943	0.944	0.945
0.945				
P5Q3AX	0.935	0.943	0.945	0.945

0.945				
P5Q3BQ	0.934	0.942	0.943	0.943
0.943				
P5Q3CK	0.936	0.944	0.945	0.945
0.945				
P5Q3DB	0.923	0.931	0.932	0.933
0.933				
P5Q3E	0.930	0.938	0.939	0.939
0.939				
P5Q3A0	0.934	0.942	0.943	0.943
0.944				
P5Q3BK	0.933	0.941	0.943	0.943
0.943				
P5Q3B0	0.936	0.944	0.945	0.946
0.946				
P5Q3CU	0.934	0.943	0.944	0.944
0.944				
P5Q3DA	0.932	0.940	0.941	0.942
0.942				
P5Q3AS	0.934	0.943	0.944	0.944
0.945				
P5Q3AU	0.933	0.941	0.942	0.943
0.943				
P5Q3AZ	0.934	0.942	0.943	0.944
0.944				
P5Q3BB1	0.932	0.941	0.942	0.942
0.943				
P5Q3BB2	0.931	0.939	0.941	0.941
0.941				
P5Q3BB5	0.930	0.938	0.939	0.939
0.940				
P5Q3BB6	0.933	0.941	0.943	0.943
0.943				
P5Q3BB7	0.924	0.932	0.933	0.934
0.934				
P5Q3X	0.933	0.941	0.942	0.943
0.943				
P5Q3AA	0.933	0.941	0.943	0.943
0.943				
P5Q3AL	0.934	0.942	0.943	0.944
0.944				
P5Q3AP	0.936	0.944	0.945	0.945
0.946				
P5Q3BI	0.934	0.942	0.943	0.944
0.944				
P5Q3BZ	0.936	0.944	0.945	0.946
0.946				
P5Q3CJ	0.934	0.943	0.944	0.944
0.944				
P5Q3C	0.927	0.935	0.936	0.937

0.937				
P5Q30	0.933	0.941	0.942	0.943
0.943				
P5Q3R	0.934	0.943	0.944	0.944
0.944				
P5Q3S	0.934	0.943	0.944	0.944
0.944				
P5Q3T	0.934	0.942	0.943	0.944
0.944				
P5Q3U	0.934	0.942	0.943	0.943
0.944				
P5Q3V	0.926	0.935	0.936	0.936
0.937				
P5Q3AJ	0.935	0.943	0.944	0.945
0.945				
P5Q3BC	0.931	0.939	0.940	0.941
0.941				
P5Q3BN	0.935	0.943	0.945	0.945
0.945				
P5Q3CF	0.935	0.943	0.945	0.945
0.945				
P5Q3CG	0.935	0.943	0.944	0.945
0.945				
P5Q3CH	0.930	0.938	0.939	0.940
0.940				
P5Q3CI	0.935	0.943	0.944	0.945
0.945				
P5Q3CN	0.935	0.943	0.945	0.945
0.945				
P5Q3C0	0.935	0.943	0.945	0.945
0.945				
P5Q3CQ	0.936	0.944	0.945	0.945
0.945				
P5Q3CW	0.936	0.944	0.945	0.946
0.946				

	Covariance Coverage			
	K6D2R_R	K6D2Z_R	K6D2AB_R	K6D2AJ_R
K6D61C				
<hr/>				
K6D2R_R	0.998			
K6D2Z_R	0.998	0.998		
K6D2AB_R	0.998	0.998	0.999	
K6D2AJ_R	0.998	0.998	0.998	0.998
K6D61C	0.996	0.996	0.997	0.997
0.997				
K6D61D	0.996	0.996	0.997	0.997
0.997				

K6D61E	0.996	0.996	0.996	0.996
0.996				
K6D61K	0.996	0.996	0.996	0.996
0.996				
K6D61L	0.996	0.996	0.997	0.997
0.997				
K6D61M	0.994	0.994	0.995	0.995
0.994				
K6D40_R	0.996	0.996	0.997	0.997
0.997				
K6D48_R	0.996	0.996	0.997	0.997
0.997				
K6F63_R	0.995	0.995	0.996	0.996
0.996				
K6F68_R	0.995	0.995	0.996	0.996
0.995				
K6F74_R	0.995	0.995	0.996	0.996
0.996				
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	0.998	0.999	0.998
0.997				
K6D2I_R	0.997	0.997	0.998	0.997
0.996				
K6D2K_R	0.998	0.998	0.999	0.998
0.997				
K6D2L_R	0.998	0.998	0.999	0.998
0.997				
K6D2M_R	0.998	0.998	0.999	0.998
0.997				
K6D20_R	0.997	0.997	0.998	0.997
0.996				
K6D2S_R	0.998	0.998	0.999	0.998
0.997				
K6D2V_R	0.998	0.998	0.999	0.998
0.997				
K6D2W_R	0.998	0.998	0.999	0.998
0.996				
K6D2Y_R	0.998	0.998	0.999	0.998
0.997				
K6D2AA_R	0.998	0.998	0.999	0.998
0.997				
K6D2AE_R	0.998	0.997	0.998	0.997
0.996				
K6D2AF_R	0.998	0.998	0.999	0.998
0.997				
K6D2AH_R	0.985	0.985	0.986	0.986
0.984				

P5Q3M 0.941	0.942	0.942	0.943	0.942
P5Q3AB 0.942	0.943	0.943	0.944	0.943
P5Q3AD 0.940	0.941	0.941	0.942	0.941
P5Q3AF 0.941	0.943	0.943	0.943	0.943
P5Q3AH 0.943	0.944	0.944	0.945	0.944
P5Q3AR 0.943	0.944	0.944	0.945	0.944
P5Q3AV 0.943	0.944	0.944	0.945	0.944
P5Q3AX 0.943	0.945	0.945	0.945	0.945
P5Q3BQ 0.942	0.943	0.943	0.944	0.943
P5Q3CK 0.944	0.945	0.945	0.946	0.945
P5Q3DB 0.931	0.932	0.932	0.933	0.932
P5Q3E 0.938	0.939	0.939	0.940	0.939
P5Q3A0 0.942	0.943	0.943	0.944	0.943
P5Q3BK 0.941	0.943	0.943	0.943	0.943
P5Q3B0 0.944	0.945	0.945	0.946	0.945
P5Q3CU 0.943	0.944	0.944	0.945	0.944
P5Q3DA 0.940	0.941	0.941	0.942	0.941
P5Q3AS 0.943	0.944	0.944	0.945	0.944
P5Q3AU 0.941	0.942	0.942	0.943	0.942
P5Q3AZ 0.942	0.943	0.943	0.944	0.943
P5Q3BB1 0.941	0.942	0.942	0.943	0.942
P5Q3BB2 0.939	0.941	0.941	0.941	0.941
P5Q3BB5 0.938	0.939	0.939	0.940	0.939
P5Q3BB6 0.941	0.943	0.943	0.943	0.943
P5Q3BB7 0.932	0.933	0.933	0.934	0.933

P5Q3X 0.941	0.942	0.942	0.943	0.942
P5Q3AA 0.941	0.943	0.943	0.943	0.943
P5Q3AL 0.942	0.943	0.943	0.944	0.943
P5Q3AP 0.944	0.945	0.945	0.946	0.945
P5Q3BI 0.942	0.943	0.943	0.944	0.943
P5Q3BZ 0.944	0.945	0.945	0.946	0.945
P5Q3CJ 0.943	0.944	0.944	0.945	0.944
P5Q3C 0.935	0.936	0.936	0.937	0.936
P5Q30 0.941	0.942	0.942	0.943	0.942
P5Q3R 0.943	0.944	0.944	0.945	0.944
P5Q3S 0.943	0.944	0.944	0.945	0.944
P5Q3T 0.942	0.943	0.943	0.944	0.943
P5Q3U 0.942	0.943	0.943	0.944	0.943
P5Q3V 0.936	0.936	0.936	0.937	0.936
P5Q3AJ 0.943	0.944	0.944	0.945	0.944
P5Q3BC 0.939	0.940	0.940	0.941	0.940
P5Q3BN 0.943	0.945	0.945	0.945	0.945
P5Q3CF 0.943	0.945	0.945	0.945	0.945
P5Q3CG 0.943	0.944	0.944	0.945	0.944
P5Q3CH 0.938	0.939	0.939	0.940	0.939
P5Q3CI 0.943	0.944	0.944	0.945	0.944
P5Q3CN 0.943	0.945	0.945	0.945	0.945
P5Q3C0 0.943	0.945	0.945	0.945	0.945
P5Q3CQ 0.944	0.945	0.945	0.946	0.945
P5Q3CW 0.944	0.945	0.945	0.946	0.945

K6D61M	Covariance Coverage			
	K6D61D	K6D61E	K6D61K	K6D61L
K6D61D	0.997			
K6D61E	0.996	0.997		
K6D61K	0.996	0.996	0.996	
K6D61L	0.997	0.996	0.996	0.997
K6D61M	0.994	0.994	0.994	0.995
0.995				
K6D40_R	0.997	0.996	0.996	0.997
0.994				
K6D48_R	0.997	0.996	0.996	0.997
0.994				
K6F63_R	0.996	0.995	0.995	0.996
0.994				
K6F68_R	0.995	0.995	0.995	0.996
0.993				
K6F74_R	0.996	0.995	0.995	0.996
0.994				
K6D2B_R	0.996	0.996	0.996	0.996
0.994				
K6D2F_R	0.996	0.996	0.996	0.997
0.994				
K6D2G_R	0.997	0.996	0.996	0.997
0.995				
K6D2I_R	0.996	0.995	0.995	0.996
0.994				
K6D2K_R	0.997	0.996	0.996	0.997
0.995				
K6D2L_R	0.997	0.996	0.996	0.997
0.995				
K6D2M_R	0.997	0.996	0.996	0.997
0.995				
K6D20_R	0.996	0.995	0.995	0.996
0.994				
K6D2S_R	0.997	0.996	0.996	0.997
0.995				
K6D2V_R	0.997	0.996	0.996	0.997
0.995				
K6D2W_R	0.996	0.996	0.996	0.997
0.994				
K6D2Y_R	0.997	0.996	0.996	0.997
0.995				
K6D2AA_R	0.997	0.996	0.996	0.997
0.995				
K6D2AE_R	0.996	0.995	0.995	0.996

0.994				
K6D2AF_R	0.997	0.996	0.996	0.997
0.995				
K6D2AH_R	0.984	0.984	0.984	0.985
0.982				
P5Q3M	0.941	0.941	0.940	0.941
0.939				
P5Q3AB	0.942	0.942	0.941	0.942
0.940				
P5Q3AD	0.940	0.939	0.939	0.940
0.937				
P5Q3AF	0.941	0.941	0.941	0.941
0.939				
P5Q3AH	0.943	0.942	0.942	0.943
0.940				
P5Q3AR	0.943	0.942	0.942	0.943
0.940				
P5Q3AV	0.943	0.943	0.942	0.943
0.941				
P5Q3AX	0.943	0.943	0.943	0.943
0.941				
P5Q3BQ	0.942	0.941	0.941	0.942
0.939				
P5Q3CK	0.944	0.943	0.943	0.944
0.941				
P5Q3DB	0.931	0.931	0.930	0.931
0.929				
P5Q3E	0.938	0.937	0.937	0.938
0.936				
P5Q3A0	0.942	0.941	0.941	0.942
0.939				
P5Q3BK	0.941	0.941	0.941	0.941
0.939				
P5Q3B0	0.944	0.944	0.943	0.944
0.942				
P5Q3CU	0.943	0.942	0.942	0.943
0.940				
P5Q3DA	0.940	0.940	0.939	0.940
0.938				
P5Q3AS	0.943	0.942	0.942	0.943
0.941				
P5Q3AU	0.941	0.941	0.940	0.941
0.939				
P5Q3AZ	0.942	0.942	0.941	0.942
0.940				
P5Q3BB1	0.941	0.940	0.940	0.941
0.938				
P5Q3BB2	0.939	0.939	0.939	0.939
0.937				
P5Q3BB5	0.938	0.937	0.937	0.938

0.936				
P5Q3BB6	0.941	0.941	0.941	0.941
0.939				
P5Q3BB7	0.932	0.932	0.931	0.932
0.930				
P5Q3X	0.941	0.941	0.940	0.941
0.939				
P5Q3AA	0.941	0.941	0.941	0.941
0.939				
P5Q3AL	0.942	0.942	0.941	0.942
0.940				
P5Q3AP	0.944	0.943	0.943	0.944
0.941				
P5Q3BI	0.942	0.942	0.941	0.942
0.940				
P5Q3BZ	0.944	0.944	0.943	0.944
0.942				
P5Q3CJ	0.943	0.942	0.942	0.943
0.940				
P5Q3C	0.935	0.935	0.934	0.935
0.933				
P5Q30	0.941	0.941	0.940	0.941
0.939				
P5Q3R	0.943	0.942	0.942	0.943
0.940				
P5Q3S	0.943	0.942	0.942	0.943
0.940				
P5Q3T	0.942	0.942	0.941	0.942
0.940				
P5Q3U	0.942	0.941	0.941	0.942
0.939				
P5Q3V	0.935	0.935	0.935	0.935
0.933				
P5Q3AJ	0.943	0.943	0.942	0.943
0.941				
P5Q3BC	0.939	0.939	0.938	0.939
0.937				
P5Q3BN	0.943	0.943	0.943	0.943
0.941				
P5Q3CF	0.943	0.943	0.943	0.943
0.941				
P5Q3CG	0.943	0.943	0.942	0.943
0.941				
P5Q3CH	0.938	0.938	0.937	0.938
0.936				
P5Q3CI	0.943	0.943	0.942	0.943
0.941				
P5Q3CN	0.943	0.943	0.943	0.943
0.941				
P5Q3C0	0.943	0.943	0.943	0.943

0.941				
P5Q3CQ	0.944	0.943	0.943	0.944
0.941				
P5Q3CW	0.944	0.944	0.943	0.944
0.942				

	Covariance Coverage			
	K6D40_R	K6D48_R	K6F63_R	K6F68_R
K6F74_R				
K6D40_R	0.998			
K6D48_R	0.997	0.998		
K6F63_R	0.996	0.996	0.996	
K6F68_R	0.995	0.996	0.995	0.996
K6F74_R	0.996	0.996	0.996	0.996
0.996				
K6D2B_R	0.996	0.996	0.995	0.995
0.995				
K6D2F_R	0.997	0.997	0.996	0.995
0.996				
K6D2G_R	0.997	0.997	0.996	0.996
0.996				
K6D2I_R	0.996	0.996	0.995	0.994
0.995				
K6D2K_R	0.997	0.997	0.996	0.996
0.996				
K6D2L_R	0.997	0.997	0.996	0.996
0.996				
K6D2M_R	0.997	0.997	0.996	0.996
0.996				
K6D2O_R	0.996	0.996	0.995	0.994
0.995				
K6D2S_R	0.997	0.997	0.996	0.996
0.996				
K6D2V_R	0.997	0.997	0.996	0.996
0.996				
K6D2W_R	0.997	0.997	0.996	0.995
0.996				
K6D2Y_R	0.997	0.997	0.996	0.996
0.996				
K6D2AA_R	0.997	0.997	0.996	0.996
0.996				
K6D2AE_R	0.996	0.996	0.995	0.994
0.995				
K6D2AF_R	0.997	0.997	0.996	0.996
0.996				
K6D2AH_R	0.984	0.984	0.983	0.983
0.983				

P5Q3M 0.940	0.941	0.941	0.940	0.940
P5Q3AB 0.941	0.943	0.943	0.941	0.941
P5Q3AD 0.939	0.940	0.940	0.939	0.939
P5Q3AF 0.941	0.942	0.942	0.941	0.940
P5Q3AH 0.942	0.943	0.943	0.942	0.941
P5Q3AR 0.942	0.943	0.943	0.942	0.941
P5Q3AV 0.942	0.943	0.943	0.942	0.942
P5Q3AX 0.943	0.944	0.944	0.943	0.942
P5Q3BQ 0.941	0.942	0.942	0.941	0.941
P5Q3CK 0.943	0.944	0.944	0.943	0.943
P5Q3DB 0.930	0.932	0.932	0.930	0.930
P5Q3E 0.937	0.938	0.938	0.937	0.937
P5Q3A0 0.941	0.942	0.942	0.941	0.941
P5Q3BK 0.941	0.942	0.942	0.941	0.940
P5Q3B0 0.943	0.945	0.945	0.943	0.943
P5Q3CU 0.942	0.943	0.943	0.942	0.941
P5Q3DA 0.939	0.941	0.941	0.939	0.939
P5Q3AS 0.942	0.943	0.943	0.942	0.941
P5Q3AU 0.940	0.941	0.941	0.940	0.940
P5Q3AZ 0.941	0.943	0.943	0.941	0.941
P5Q3BB1 0.940	0.941	0.941	0.940	0.939
P5Q3BB2 0.939	0.940	0.940	0.939	0.938
P5Q3BB5 0.937	0.938	0.938	0.937	0.937
P5Q3BB6 0.941	0.942	0.942	0.941	0.940
P5Q3BB7 0.931	0.932	0.932	0.931	0.931

P5Q3X 0.940	0.941	0.941	0.940	0.940
P5Q3AA 0.941	0.942	0.942	0.941	0.940
P5Q3AL 0.941	0.943	0.943	0.941	0.941
P5Q3AP 0.943	0.944	0.944	0.943	0.943
P5Q3BI 0.941	0.943	0.943	0.941	0.941
P5Q3BZ 0.943	0.945	0.945	0.943	0.943
P5Q3CJ 0.942	0.943	0.943	0.942	0.941
P5Q3C 0.934	0.936	0.936	0.934	0.934
P5Q30 0.940	0.941	0.941	0.940	0.940
P5Q3R 0.942	0.943	0.943	0.942	0.941
P5Q3S 0.942	0.943	0.943	0.942	0.941
P5Q3T 0.941	0.943	0.943	0.941	0.941
P5Q3U 0.941	0.942	0.942	0.941	0.941
P5Q3V 0.934	0.936	0.936	0.934	0.934
P5Q3AJ 0.942	0.943	0.943	0.942	0.942
P5Q3BC 0.938	0.939	0.939	0.938	0.938
P5Q3BN 0.943	0.944	0.944	0.943	0.942
P5Q3CF 0.943	0.944	0.944	0.943	0.942
P5Q3CG 0.942	0.943	0.943	0.942	0.942
P5Q3CH 0.937	0.939	0.939	0.937	0.937
P5Q3CI 0.942	0.943	0.943	0.942	0.942
P5Q3CN 0.943	0.944	0.944	0.943	0.942
P5Q3C0 0.943	0.944	0.944	0.943	0.942
P5Q3CQ 0.943	0.944	0.944	0.943	0.943
P5Q3CW 0.943	0.945	0.945	0.943	0.943

	Covariance Coverage			
K6D2K_R	K6D2B_R	K6D2F_R	K6D2G_R	K6D2I_R
K6D2B_R	0.998			
K6D2F_R	0.998	0.999		
K6D2G_R	0.998	0.999	0.999	
K6D2I_R	0.997	0.998	0.998	0.998
K6D2K_R	0.998	0.999	0.999	0.998
0.999				
K6D2L_R	0.998	0.999	0.999	0.998
0.999				
K6D2M_R	0.998	0.999	0.999	0.998
0.999				
K6D2O_R	0.998	0.998	0.998	0.997
0.998				
K6D2S_R	0.998	0.999	0.999	0.998
0.999				
K6D2V_R	0.998	0.999	0.999	0.998
0.999				
K6D2W_R	0.998	0.998	0.999	0.998
0.999				
K6D2Y_R	0.998	0.999	0.999	0.998
0.999				
K6D2AA_R	0.998	0.999	0.999	0.998
0.999				
K6D2AE_R	0.997	0.998	0.998	0.997
0.998				
K6D2AF_R	0.998	0.999	0.999	0.998
0.999				
K6D2AH_R	0.985	0.986	0.986	0.985
0.986				
P5Q3M	0.942	0.943	0.943	0.942
0.943				
P5Q3AB	0.943	0.944	0.944	0.943
0.944				
P5Q3AD	0.941	0.941	0.942	0.941
0.942				
P5Q3AF	0.943	0.943	0.943	0.942
0.943				
P5Q3AH	0.944	0.944	0.945	0.943
0.945				
P5Q3AR	0.944	0.944	0.945	0.943
0.945				
P5Q3AV	0.944	0.945	0.945	0.944
0.945				
P5Q3AX	0.945	0.945	0.945	0.944

0.945				
P5Q3BQ	0.943	0.943	0.944	0.943
0.944				
P5Q3CK	0.945	0.945	0.946	0.945
0.946				
P5Q3DB	0.932	0.933	0.933	0.932
0.933				
P5Q3E	0.939	0.939	0.940	0.939
0.940				
P5Q3A0	0.943	0.943	0.944	0.943
0.944				
P5Q3BK	0.943	0.943	0.943	0.942
0.943				
P5Q3B0	0.945	0.946	0.946	0.945
0.946				
P5Q3CU	0.944	0.944	0.945	0.943
0.945				
P5Q3DA	0.941	0.942	0.942	0.941
0.942				
P5Q3AS	0.944	0.944	0.945	0.943
0.945				
P5Q3AU	0.942	0.943	0.943	0.942
0.943				
P5Q3AZ	0.943	0.944	0.944	0.943
0.944				
P5Q3BB1	0.942	0.942	0.943	0.941
0.943				
P5Q3BB2	0.941	0.941	0.941	0.940
0.941				
P5Q3BB5	0.939	0.939	0.940	0.939
0.940				
P5Q3BB6	0.943	0.943	0.943	0.942
0.943				
P5Q3BB7	0.933	0.934	0.934	0.933
0.934				
P5Q3X	0.942	0.943	0.943	0.942
0.943				
P5Q3AA	0.943	0.943	0.943	0.942
0.943				
P5Q3AL	0.943	0.944	0.944	0.943
0.944				
P5Q3AP	0.945	0.945	0.946	0.945
0.946				
P5Q3BI	0.943	0.944	0.944	0.943
0.944				
P5Q3BZ	0.945	0.946	0.946	0.945
0.946				
P5Q3CJ	0.944	0.944	0.945	0.943
0.945				
P5Q3C	0.936	0.937	0.937	0.936

0.937				
P5Q30	0.942	0.943	0.943	0.942
0.943				
P5Q3R	0.944	0.944	0.945	0.943
0.945				
P5Q3S	0.944	0.944	0.945	0.943
0.945				
P5Q3T	0.943	0.944	0.944	0.943
0.944				
P5Q3U	0.943	0.943	0.944	0.943
0.944				
P5Q3V	0.936	0.936	0.937	0.936
0.937				
P5Q3AJ	0.944	0.945	0.945	0.944
0.945				
P5Q3BC	0.940	0.941	0.941	0.940
0.941				
P5Q3BN	0.945	0.945	0.945	0.944
0.945				
P5Q3CF	0.945	0.945	0.945	0.944
0.945				
P5Q3CG	0.944	0.945	0.945	0.944
0.945				
P5Q3CH	0.939	0.940	0.940	0.939
0.940				
P5Q3CI	0.944	0.945	0.945	0.944
0.945				
P5Q3CN	0.945	0.945	0.945	0.944
0.945				
P5Q3C0	0.945	0.945	0.945	0.944
0.945				
P5Q3CQ	0.945	0.945	0.946	0.945
0.946				
P5Q3CW	0.945	0.946	0.946	0.945
0.946				

	Covariance Coverage			
	K6D2L_R	K6D2M_R	K6D20_R	K6D2S_R
K6D2V_R				
K6D2L_R	0.999			
K6D2M_R	0.999	0.999		
K6D20_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	0.999	0.998	0.999
K6D2AA_R 0.999	0.999	0.999	0.998	0.999
K6D2AE_R 0.998	0.998	0.998	0.997	0.998
K6D2AF_R 0.999	0.999	0.999	0.998	0.999
K6D2AH_R 0.986	0.986	0.986	0.985	0.986
P5Q3M 0.943	0.943	0.943	0.942	0.943
P5Q3AB 0.944	0.944	0.944	0.943	0.944
P5Q3AD 0.942	0.942	0.942	0.941	0.942
P5Q3AF 0.943	0.943	0.943	0.943	0.943
P5Q3AH 0.945	0.945	0.945	0.944	0.945
P5Q3AR 0.945	0.945	0.945	0.944	0.945
P5Q3AV 0.945	0.945	0.945	0.944	0.945
P5Q3AX 0.945	0.945	0.945	0.945	0.945
P5Q3BQ 0.944	0.944	0.944	0.943	0.944
P5Q3CK 0.946	0.946	0.946	0.945	0.946
P5Q3DB 0.933	0.933	0.933	0.932	0.933
P5Q3E 0.940	0.940	0.940	0.939	0.940
P5Q3A0 0.944	0.944	0.944	0.943	0.944
P5Q3BK 0.943	0.943	0.943	0.943	0.943
P5Q3B0 0.946	0.946	0.946	0.945	0.946
P5Q3CU 0.945	0.945	0.945	0.944	0.945
P5Q3DA 0.942	0.942	0.942	0.941	0.942
P5Q3AS 0.945	0.945	0.945	0.944	0.945
P5Q3AU 0.943	0.943	0.943	0.942	0.943
P5Q3AZ 0.944	0.944	0.944	0.943	0.944

P5Q3BB1	0.943	0.943	0.942	0.943
0.943				
P5Q3BB2	0.941	0.941	0.941	0.941
0.941				
P5Q3BB5	0.940	0.940	0.939	0.940
0.940				
P5Q3BB6	0.943	0.943	0.943	0.943
0.943				
P5Q3BB7	0.934	0.934	0.933	0.934
0.934				
P5Q3X	0.943	0.943	0.942	0.943
0.943				
P5Q3AA	0.943	0.943	0.943	0.943
0.943				
P5Q3AL	0.944	0.944	0.943	0.944
0.944				
P5Q3AP	0.946	0.946	0.945	0.946
0.946				
P5Q3BI	0.944	0.944	0.943	0.944
0.944				
P5Q3BZ	0.946	0.946	0.945	0.946
0.946				
P5Q3CJ	0.945	0.945	0.944	0.945
0.945				
P5Q3C	0.937	0.937	0.936	0.937
0.937				
P5Q30	0.943	0.943	0.942	0.943
0.943				
P5Q3R	0.945	0.945	0.944	0.945
0.945				
P5Q3S	0.945	0.945	0.944	0.945
0.945				
P5Q3T	0.944	0.944	0.943	0.944
0.944				
P5Q3U	0.944	0.944	0.943	0.944
0.944				
P5Q3V	0.937	0.937	0.936	0.937
0.937				
P5Q3AJ	0.945	0.945	0.944	0.945
0.945				
P5Q3BC	0.941	0.941	0.940	0.941
0.941				
P5Q3BN	0.945	0.945	0.945	0.945
0.945				
P5Q3CF	0.945	0.945	0.945	0.945
0.945				
P5Q3CG	0.945	0.945	0.944	0.945
0.945				
P5Q3CH	0.940	0.940	0.939	0.940
0.940				

P5Q3CI 0.945	0.945	0.945	0.944	0.945
P5Q3CN 0.945	0.945	0.945	0.945	0.945
P5Q3C0 0.945	0.945	0.945	0.945	0.945
P5Q3CQ 0.946	0.946	0.946	0.945	0.946
P5Q3CW 0.946	0.946	0.946	0.945	0.946

	Covariance K6D2W_R	Coverage K6D2Y_R	K6D2AA_R	K6D2AE_R
K6D2AF_R				
K6D2W_R	0.999			
K6D2Y_R	0.999	0.999		
K6D2AA_R	0.999	0.999	0.999	
K6D2AE_R	0.998	0.998	0.998	0.998
K6D2AF_R 0.999	0.999	0.999	0.999	0.998
K6D2AH_R 0.986	0.986	0.986	0.986	0.985
P5Q3M 0.943	0.943	0.943	0.943	0.942
P5Q3AB 0.944	0.944	0.944	0.944	0.943
P5Q3AD 0.942	0.941	0.942	0.942	0.941
P5Q3AF 0.943	0.943	0.943	0.943	0.942
P5Q3AH 0.945	0.944	0.945	0.945	0.943
P5Q3AR 0.945	0.944	0.945	0.945	0.943
P5Q3AV 0.945	0.945	0.945	0.945	0.944
P5Q3AX 0.945	0.945	0.945	0.945	0.944
P5Q3BQ 0.944	0.943	0.944	0.944	0.943
P5Q3CK 0.946	0.945	0.946	0.946	0.945
P5Q3DB 0.933	0.933	0.933	0.933	0.932
P5Q3E 0.940	0.939	0.940	0.940	0.939
P5Q3A0	0.943	0.944	0.944	0.943

0.944				
P5Q3BK	0.943	0.943	0.943	0.942
0.943				
P5Q3B0	0.946	0.946	0.946	0.945
0.946				
P5Q3CU	0.944	0.945	0.945	0.943
0.945				
P5Q3DA	0.942	0.942	0.942	0.941
0.942				
P5Q3AS	0.944	0.945	0.945	0.943
0.945				
P5Q3AU	0.943	0.943	0.943	0.942
0.943				
P5Q3AZ	0.944	0.944	0.944	0.943
0.944				
P5Q3BB1	0.942	0.943	0.943	0.941
0.943				
P5Q3BB2	0.941	0.941	0.941	0.940
0.941				
P5Q3BB5	0.939	0.940	0.940	0.939
0.940				
P5Q3BB6	0.943	0.943	0.943	0.942
0.943				
P5Q3BB7	0.934	0.934	0.934	0.933
0.934				
P5Q3X	0.943	0.943	0.943	0.942
0.943				
P5Q3AA	0.943	0.943	0.943	0.942
0.943				
P5Q3AL	0.944	0.944	0.944	0.943
0.944				
P5Q3AP	0.945	0.946	0.946	0.945
0.946				
P5Q3BI	0.944	0.944	0.944	0.943
0.944				
P5Q3BZ	0.946	0.946	0.946	0.945
0.946				
P5Q3CJ	0.944	0.945	0.945	0.943
0.945				
P5Q3C	0.937	0.937	0.937	0.936
0.937				
P5Q30	0.943	0.943	0.943	0.942
0.943				
P5Q3R	0.944	0.945	0.945	0.943
0.945				
P5Q3S	0.944	0.945	0.945	0.943
0.945				
P5Q3T	0.944	0.944	0.944	0.943
0.944				
P5Q3U	0.943	0.944	0.944	0.943

0.944				
P5Q3V	0.936	0.937	0.937	0.936
0.937				
P5Q3AJ	0.945	0.945	0.945	0.944
0.945				
P5Q3BC	0.941	0.941	0.941	0.940
0.941				
P5Q3BN	0.945	0.945	0.945	0.944
0.945				
P5Q3CF	0.945	0.945	0.945	0.944
0.945				
P5Q3CG	0.945	0.945	0.945	0.944
0.945				
P5Q3CH	0.940	0.940	0.940	0.939
0.940				
P5Q3CI	0.945	0.945	0.945	0.944
0.945				
P5Q3CN	0.945	0.945	0.945	0.944
0.945				
P5Q3C0	0.945	0.945	0.945	0.944
0.945				
P5Q3CQ	0.945	0.946	0.946	0.945
0.946				
P5Q3CW	0.946	0.946	0.946	0.945
0.946				

	Covariance Coverage			
	K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD
P5Q3AF				
K6D2AH_R	0.986			
P5Q3M	0.931	0.944		
P5Q3AB	0.933	0.941	0.945	
P5Q3AD	0.930	0.938	0.941	0.943
P5Q3AF	0.932	0.940	0.943	0.940
0.944				
P5Q3AH	0.933	0.941	0.944	0.941
0.943				
P5Q3AR	0.933	0.941	0.943	0.941
0.943				
P5Q3AV	0.933	0.941	0.944	0.941
0.943				
P5Q3AX	0.934	0.942	0.944	0.942
0.943				
P5Q3BQ	0.932	0.941	0.941	0.939
0.941				
P5Q3CK	0.934	0.942	0.943	0.941
0.943				

P5Q3DB 0.930	0.921	0.930	0.931	0.928
P5Q3E 0.937	0.928	0.939	0.937	0.935
P5Q3A0 0.942	0.932	0.940	0.943	0.941
P5Q3BK 0.940	0.932	0.940	0.941	0.939
P5Q3B0 0.943	0.934	0.943	0.944	0.941
P5Q3CU 0.942	0.933	0.941	0.942	0.940
P5Q3DA 0.939	0.930	0.939	0.940	0.937
P5Q3AS 0.943	0.933	0.941	0.943	0.941
P5Q3AU 0.941	0.932	0.939	0.942	0.939
P5Q3AZ 0.942	0.932	0.941	0.943	0.941
P5Q3BB1 0.941	0.931	0.939	0.941	0.939
P5Q3BB2 0.939	0.930	0.938	0.940	0.938
P5Q3BB5 0.938	0.928	0.936	0.939	0.937
P5Q3BB6 0.941	0.932	0.940	0.942	0.940
P5Q3BB7 0.932	0.922	0.930	0.933	0.931
P5Q3X 0.942	0.931	0.940	0.942	0.940
P5Q3AA 0.942	0.932	0.940	0.943	0.940
P5Q3AL 0.943	0.932	0.941	0.943	0.941
P5Q3AP 0.944	0.934	0.942	0.945	0.943
P5Q3BI 0.941	0.932	0.941	0.942	0.940
P5Q3BZ 0.943	0.934	0.943	0.944	0.941
P5Q3CJ 0.941	0.933	0.941	0.942	0.940
P5Q3C 0.934	0.925	0.936	0.935	0.933
P5Q30 0.940	0.932	0.942	0.941	0.938
P5Q3R 0.942	0.933	0.944	0.942	0.940

P5Q3S 0.942	0.933	0.944	0.942	0.940
P5Q3T 0.943	0.932	0.941	0.943	0.941
P5Q3U 0.942	0.932	0.940	0.943	0.941
P5Q3V 0.935	0.925	0.933	0.936	0.934
P5Q3AJ 0.943	0.933	0.941	0.944	0.942
P5Q3BC 0.939	0.929	0.937	0.940	0.937
P5Q3BN 0.943	0.934	0.942	0.943	0.941
P5Q3CF 0.942	0.934	0.942	0.943	0.941
P5Q3CG 0.942	0.933	0.941	0.943	0.940
P5Q3CH 0.937	0.928	0.937	0.938	0.936
P5Q3CI 0.942	0.933	0.941	0.943	0.941
P5Q3CN 0.942	0.934	0.942	0.943	0.941
P5Q3C0 0.942	0.934	0.942	0.943	0.941
P5Q3CQ 0.943	0.934	0.942	0.943	0.941
P5Q3CW 0.943	0.934	0.943	0.944	0.941

	Covariance Coverage			
	P5Q3AH	P5Q3AR	P5Q3AV	P5Q3AX
P5Q3BQ				
P5Q3AH	0.945			
P5Q3AR	0.944	0.945		
P5Q3AV	0.944	0.945	0.946	
P5Q3AX	0.945	0.945	0.945	0.946
P5Q3BQ	0.942	0.942	0.942	0.943
0.945				
P5Q3CK	0.944	0.944	0.945	0.945
0.943				
P5Q3DB	0.931	0.931	0.932	0.932
0.931				
P5Q3E	0.938	0.938	0.938	0.939
0.938				
P5Q3A0	0.944	0.943	0.943	0.944

0.941				
P5Q3BK	0.941	0.942	0.942	0.942
0.941				
P5Q3B0	0.944	0.944	0.945	0.945
0.944				
P5Q3CU	0.943	0.943	0.943	0.944
0.942				
P5Q3DA	0.940	0.940	0.941	0.941
0.939				
P5Q3AS	0.944	0.944	0.944	0.945
0.942				
P5Q3AU	0.942	0.943	0.943	0.943
0.941				
P5Q3AZ	0.943	0.943	0.944	0.944
0.941				
P5Q3BB1	0.942	0.942	0.942	0.943
0.940				
P5Q3BB2	0.941	0.941	0.941	0.941
0.939				
P5Q3BB5	0.939	0.939	0.939	0.940
0.937				
P5Q3BB6	0.943	0.943	0.943	0.943
0.941				
P5Q3BB7	0.933	0.933	0.934	0.934
0.931				
P5Q3X	0.943	0.942	0.943	0.943
0.940				
P5Q3AA	0.943	0.943	0.943	0.943
0.941				
P5Q3AL	0.944	0.943	0.944	0.944
0.942				
P5Q3AP	0.945	0.945	0.945	0.946
0.943				
P5Q3BI	0.942	0.942	0.943	0.943
0.942				
P5Q3BZ	0.944	0.944	0.945	0.945
0.944				
P5Q3CJ	0.943	0.943	0.943	0.943
0.942				
P5Q3C	0.935	0.935	0.936	0.936
0.935				
P5Q30	0.941	0.941	0.941	0.942
0.941				
P5Q3R	0.943	0.943	0.943	0.943
0.942				
P5Q3S	0.943	0.943	0.943	0.943
0.942				
P5Q3T	0.944	0.943	0.944	0.944
0.941				
P5Q3U	0.943	0.943	0.943	0.944

0.941				
P5Q3V	0.937	0.936	0.937	0.937
0.934				
P5Q3AJ	0.945	0.944	0.945	0.945
0.942				
P5Q3BC	0.940	0.940	0.941	0.941
0.938				
P5Q3BN	0.944	0.944	0.944	0.945
0.943				
P5Q3CF	0.943	0.944	0.944	0.944
0.943				
P5Q3CG	0.943	0.943	0.944	0.944
0.942				
P5Q3CH	0.939	0.939	0.939	0.939
0.938				
P5Q3CI	0.943	0.943	0.944	0.944
0.942				
P5Q3CN	0.943	0.944	0.944	0.945
0.943				
P5Q3C0	0.943	0.944	0.944	0.945
0.943				
P5Q3CQ	0.944	0.944	0.945	0.945
0.943				
P5Q3CW	0.944	0.945	0.945	0.945
0.943				

	Covariance P5Q3CK	Coverage P5Q3DB	P5Q3E	P5Q3A0
P5Q3BK				
P5Q3CK	0.947			
P5Q3DB	0.932	0.934		
P5Q3E	0.939	0.927	0.941	
P5Q3A0	0.943	0.930	0.937	0.945
P5Q3BK	0.943	0.930	0.937	0.941
0.944				
P5Q3B0	0.945	0.933	0.939	0.943
0.943				
P5Q3CU	0.945	0.931	0.938	0.942
0.942				
P5Q3DA	0.941	0.930	0.936	0.939
0.939				
P5Q3AS	0.944	0.931	0.938	0.943
0.941				
P5Q3AU	0.943	0.930	0.937	0.942
0.940				
P5Q3AZ	0.943	0.931	0.937	0.943
0.941				

P5Q3BB1 0.939	0.942	0.929	0.936	0.941
P5Q3BB2 0.938	0.941	0.928	0.935	0.940
P5Q3BB5 0.937	0.939	0.926	0.933	0.938
P5Q3BB6 0.940	0.943	0.930	0.937	0.942
P5Q3BB7 0.931	0.934	0.921	0.927	0.932
P5Q3X 0.940	0.942	0.930	0.937	0.942
P5Q3AA 0.940	0.943	0.930	0.937	0.942
P5Q3AL 0.941	0.943	0.931	0.937	0.943
P5Q3AP 0.943	0.945	0.932	0.939	0.945
P5Q3BI 0.942	0.943	0.931	0.937	0.941
P5Q3BZ 0.943	0.945	0.933	0.939	0.943
P5Q3CJ 0.942	0.945	0.931	0.938	0.942
P5Q3C 0.934	0.936	0.924	0.933	0.934
P5Q30 0.940	0.942	0.930	0.939	0.940
P5Q3R 0.941	0.944	0.932	0.941	0.942
P5Q3S 0.941	0.944	0.932	0.941	0.942
P5Q3T 0.941	0.943	0.931	0.938	0.943
P5Q3U 0.941	0.943	0.930	0.937	0.943
P5Q3V 0.934	0.936	0.923	0.930	0.936
P5Q3AJ 0.942	0.944	0.932	0.938	0.945
P5Q3BC 0.938	0.940	0.928	0.934	0.940
P5Q3BN 0.943	0.945	0.932	0.939	0.943
P5Q3CF 0.943	0.945	0.932	0.939	0.943
P5Q3CG 0.942	0.945	0.932	0.938	0.942
P5Q3CH 0.937	0.940	0.927	0.934	0.938

P5Q3CI 0.942	0.945	0.932	0.938	0.942
P5Q3CN 0.943	0.945	0.932	0.939	0.943
P5Q3C0 0.943	0.945	0.932	0.939	0.943
P5Q3CQ 0.943	0.946	0.932	0.939	0.943
P5Q3CW 0.943	0.946	0.933	0.939	0.943

	Covariance Coverage			
P5Q3AU	P5Q3B0	P5Q3CU	P5Q3DA	P5Q3AS
P5Q3B0	0.947			
P5Q3CU	0.944	0.945		
P5Q3DA	0.942	0.940	0.943	
P5Q3AS	0.944	0.943	0.940	0.945
P5Q3AU	0.943	0.941	0.939	0.943
0.944				
P5Q3AZ	0.944	0.942	0.940	0.943
0.942				
P5Q3BB1	0.942	0.941	0.938	0.942
0.940				
P5Q3BB2	0.941	0.939	0.937	0.941
0.939				
P5Q3BB5	0.939	0.938	0.936	0.939
0.937				
P5Q3BB6	0.943	0.941	0.939	0.943
0.941				
P5Q3BB7	0.934	0.932	0.930	0.934
0.932				
P5Q3X	0.943	0.941	0.939	0.942
0.941				
P5Q3AA	0.943	0.941	0.939	0.943
0.941				
P5Q3AL	0.944	0.942	0.940	0.943
0.942				
P5Q3AP	0.945	0.944	0.941	0.945
0.943				
P5Q3BI	0.944	0.942	0.940	0.942
0.941				
P5Q3BZ	0.946	0.944	0.942	0.944
0.943				
P5Q3CJ	0.944	0.943	0.940	0.943
0.941				
P5Q3C	0.937	0.935	0.933	0.935

0.934				
P5Q30	0.943	0.941	0.939	0.941
0.939				
P5Q3R	0.944	0.943	0.940	0.943
0.941				
P5Q3S	0.944	0.943	0.940	0.943
0.941				
P5Q3T	0.944	0.942	0.940	0.943
0.942				
P5Q3U	0.943	0.942	0.939	0.943
0.941				
P5Q3V	0.936	0.935	0.932	0.936
0.934				
P5Q3AJ	0.945	0.943	0.941	0.944
0.943				
P5Q3BC	0.941	0.939	0.937	0.940
0.939				
P5Q3BN	0.945	0.943	0.941	0.944
0.942				
P5Q3CF	0.945	0.944	0.941	0.943
0.942				
P5Q3CG	0.945	0.944	0.941	0.943
0.942				
P5Q3CH	0.940	0.939	0.936	0.939
0.938				
P5Q3CI	0.945	0.944	0.941	0.943
0.942				
P5Q3CN	0.945	0.944	0.941	0.943
0.943				
P5Q3C0	0.945	0.944	0.941	0.943
0.943				
P5Q3CQ	0.945	0.945	0.941	0.944
0.943				
P5Q3CW	0.946	0.945	0.942	0.944
0.943				

	Covariance Coverage			
	P5Q3AZ	P5Q3BB1	P5Q3BB2	P5Q3BB5
P5Q3BB6				
P5Q3AZ	0.945			
P5Q3BB1	0.941	0.943		
P5Q3BB2	0.940	0.941	0.942	
P5Q3BB5	0.939	0.938	0.938	0.941
P5Q3BB6	0.942	0.942	0.941	0.939
0.944				
P5Q3BB7	0.933	0.932	0.932	0.930
0.934				

P5Q3X 0.941	0.942	0.940	0.939	0.937
P5Q3AA 0.941	0.942	0.941	0.939	0.938
P5Q3AL 0.942	0.943	0.941	0.940	0.939
P5Q3AP 0.944	0.945	0.943	0.942	0.940
P5Q3BI 0.941	0.942	0.940	0.939	0.937
P5Q3BZ 0.943	0.944	0.942	0.941	0.939
P5Q3CJ 0.941	0.942	0.941	0.940	0.938
P5Q3C 0.934	0.935	0.933	0.932	0.931
P5Q30 0.940	0.941	0.939	0.938	0.936
P5Q3R 0.941	0.942	0.941	0.939	0.938
P5Q3S 0.941	0.942	0.941	0.939	0.938
P5Q3T 0.942	0.943	0.941	0.940	0.939
P5Q3U 0.942	0.943	0.941	0.940	0.938
P5Q3V 0.935	0.936	0.934	0.933	0.931
P5Q3AJ 0.943	0.944	0.942	0.941	0.939
P5Q3BC 0.939	0.940	0.938	0.937	0.936
P5Q3BN 0.943	0.943	0.942	0.941	0.939
P5Q3CF 0.942	0.943	0.941	0.940	0.939
P5Q3CG 0.942	0.943	0.941	0.940	0.938
P5Q3CH 0.937	0.938	0.936	0.935	0.934
P5Q3CI 0.942	0.943	0.941	0.940	0.938
P5Q3CN 0.942	0.943	0.941	0.940	0.939
P5Q3C0 0.942	0.943	0.941	0.940	0.939
P5Q3CQ 0.943	0.943	0.942	0.941	0.939
P5Q3CW 0.943	0.944	0.942	0.941	0.939

	Covariance P5Q3BB7	Coverage P5Q3X	P5Q3AA	P5Q3AL
P5Q3AP				
P5Q3BB7	0.935			
P5Q3X	0.932	0.944		
P5Q3AA	0.932	0.941	0.944	
P5Q3AL	0.933	0.942	0.943	0.945
P5Q3AP	0.934	0.944	0.944	0.945
0.947				
P5Q3BI	0.932	0.941	0.941	0.942
0.943				
P5Q3BZ	0.934	0.943	0.943	0.944
0.945				
P5Q3CJ	0.932	0.941	0.941	0.942
0.944				
P5Q3C	0.924	0.934	0.934	0.935
0.936				
P5Q30	0.930	0.940	0.940	0.941
0.942				
P5Q3R	0.932	0.941	0.941	0.942
0.944				
P5Q3S	0.932	0.941	0.941	0.942
0.944				
P5Q3T	0.933	0.942	0.943	0.943
0.945				
P5Q3U	0.933	0.942	0.942	0.943
0.945				
P5Q3V	0.926	0.935	0.935	0.936
0.937				
P5Q3AJ	0.934	0.943	0.943	0.944
0.946				
P5Q3BC	0.930	0.939	0.939	0.940
0.941				
P5Q3BN	0.933	0.942	0.943	0.943
0.945				
P5Q3CF	0.933	0.942	0.942	0.943
0.945				
P5Q3CG	0.932	0.941	0.942	0.943
0.944				
P5Q3CH	0.928	0.937	0.937	0.938
0.939				
P5Q3CI	0.932	0.942	0.942	0.943
0.944				
P5Q3CN	0.933	0.942	0.942	0.943
0.945				
P5Q3C0	0.933	0.942	0.942	0.943

0.945				
P5Q3CQ	0.933	0.942	0.943	0.943
0.945				
P5Q3CW	0.934	0.943	0.943	0.944
0.945				

	Covariance Coverage			
P5Q30	P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C
<hr/>				
P5Q3BI	0.945			
P5Q3BZ	0.944	0.947		
P5Q3CJ	0.942	0.944	0.945	
P5Q3C	0.935	0.937	0.935	0.938
P5Q30	0.941	0.943	0.941	0.936
0.944				
P5Q3R	0.942	0.944	0.943	0.938
0.944				
P5Q3S	0.942	0.944	0.943	0.938
0.944				
P5Q3T	0.942	0.944	0.942	0.935
0.941				
P5Q3U	0.941	0.943	0.942	0.934
0.940				
P5Q3V	0.934	0.936	0.935	0.928
0.933				
P5Q3AJ	0.943	0.945	0.943	0.936
0.941				
P5Q3BC	0.939	0.941	0.939	0.932
0.937				
P5Q3BN	0.943	0.945	0.943	0.936
0.942				
P5Q3CF	0.943	0.945	0.944	0.936
0.942				
P5Q3CG	0.943	0.945	0.944	0.936
0.941				
P5Q3CH	0.938	0.940	0.939	0.931
0.937				
P5Q3CI	0.943	0.945	0.944	0.936
0.941				
P5Q3CN	0.943	0.945	0.944	0.936
0.942				
P5Q3C0	0.943	0.945	0.944	0.936
0.942				
P5Q3CQ	0.944	0.945	0.945	0.936
0.942				
P5Q3CW	0.944	0.946	0.945	0.937
0.943				

	Covariance	Coverage		
P5Q3V	P5Q3R	P5Q3S	P5Q3T	P5Q3U
P5Q3R	0.945			
P5Q3S	0.945	0.945		
P5Q3T	0.943	0.943	0.945	
P5Q3U	0.942	0.942	0.943	0.945
P5Q3V	0.935	0.935	0.936	0.936
0.937				
P5Q3AJ	0.943	0.943	0.944	0.944
0.937				
P5Q3BC	0.939	0.939	0.940	0.939
0.932				
P5Q3BN	0.944	0.944	0.944	0.943
0.936				
P5Q3CF	0.943	0.943	0.943	0.943
0.936				
P5Q3CG	0.943	0.943	0.943	0.942
0.935				
P5Q3CH	0.939	0.939	0.938	0.937
0.930				
P5Q3CI	0.943	0.943	0.943	0.942
0.935				
P5Q3CN	0.943	0.943	0.943	0.943
0.936				
P5Q3C0	0.943	0.943	0.943	0.943
0.936				
P5Q3CQ	0.944	0.944	0.944	0.943
0.936				
P5Q3CW	0.944	0.944	0.944	0.943
0.936				

P5Q3CG	Covariance Coverage		P5Q3BN	P5Q3CF
	P5Q3AJ	P5Q3BC		
P5Q3AJ	0.946			
P5Q3BC	0.941	0.942		
P5Q3BN	0.944	0.940	0.946	
P5Q3CF	0.944	0.940	0.944	0.946
P5Q3CG	0.943	0.939	0.944	0.945
0.946				
P5Q3CH	0.939	0.935	0.939	0.940
0.939				

P5Q3CI	0.943	0.939	0.944	0.945
0.944				
P5Q3CN	0.944	0.940	0.944	0.945
0.945				
P5Q3C0	0.944	0.940	0.944	0.945
0.945				
P5Q3CQ	0.944	0.940	0.945	0.945
0.945				
P5Q3CW	0.945	0.941	0.945	0.946
0.945				

Covariance Coverage				
P5Q3CQ	P5Q3CH	P5Q3CI	P5Q3CN	P5Q3C0
P5Q3CH	0.941			
P5Q3CI	0.939	0.946		
P5Q3CN	0.940	0.945	0.946	
P5Q3C0	0.940	0.945	0.945	0.946
P5Q3CQ	0.940	0.945	0.946	0.946
0.947				
P5Q3CW	0.941	0.945	0.946	0.946
0.946				

Covariance Coverage	
P5Q3CW	P5Q3CW
P5Q3CW	0.947

UNIVARIATE PROPORTIONS AND COUNTS FOR CATEGORICAL VARIABLES

K6B1A_R		
Category 1	0.043	107.000
Category 2	0.077	193.000
Category 3	0.404	1008.000
Category 4	0.476	1189.000
K6B1B_R		
Category 1	0.034	86.000
Category 2	0.069	173.000
Category 3	0.325	811.000
Category 4	0.571	1426.000
K6B1C_R		
Category 1	0.056	141.000
Category 2	0.058	146.000
Category 3	0.316	789.000
Category 4	0.569	1420.000

K6B1D_R		
Category 1	0.022	54.000
Category 2	0.039	97.000
Category 3	0.229	571.000
Category 4	0.711	1772.000
K5E1A		
Category 1	0.095	227.000
Category 2	0.087	208.000
Category 3	0.079	189.000
Category 4	0.150	357.000
Category 5	0.589	1405.000
K5E1B		
Category 1	0.130	312.000
Category 2	0.102	245.000
Category 3	0.100	240.000
Category 4	0.176	423.000
Category 5	0.493	1184.000
K5E1C		
Category 1	0.094	228.000
Category 2	0.070	170.000
Category 3	0.086	207.000
Category 4	0.161	389.000
Category 5	0.589	1422.000
K5E1D		
Category 1	0.064	154.000
Category 2	0.045	108.000
Category 3	0.052	125.000
Category 4	0.109	263.000
Category 5	0.730	1754.000
K6D2AG_R		
Category 1	0.554	1407.000
Category 2	0.196	499.000
Category 3	0.200	508.000
Category 4	0.050	126.000
K6D2AI_R		
Category 1	0.581	1473.000
Category 2	0.185	470.000
Category 3	0.164	417.000
Category 4	0.069	175.000
K6D2D_R		
Category 1	0.592	1496.000
Category 2	0.185	467.000
Category 3	0.169	428.000
Category 4	0.054	137.000
K6D2J_R		
Category 1	0.313	786.000
Category 2	0.276	692.000
Category 3	0.331	831.000
Category 4	0.080	200.000
K6D2T_R		

Category 1	0.646	1641.000
Category 2	0.146	371.000
Category 3	0.154	392.000
Category 4	0.054	136.000
K6D2AC_R		
Category 1	0.688	1745.000
Category 2	0.136	345.000
Category 3	0.140	355.000
Category 4	0.036	92.000
K6D2AK_R		
Category 1	0.492	1248.000
Category 2	0.201	510.000
Category 3	0.224	569.000
Category 4	0.083	210.000
K6D2C_R		
Category 1	0.388	975.000
Category 2	0.187	470.000
Category 3	0.308	775.000
Category 4	0.117	295.000
K6D2N_R		
Category 1	0.590	1495.000
Category 2	0.200	506.000
Category 3	0.172	436.000
Category 4	0.039	99.000
K6D2X_R		
Category 1	0.849	2156.000
Category 2	0.077	195.000
Category 3	0.061	154.000
Category 4	0.013	34.000
K6D2A_R		
Category 1	0.168	427.000
Category 2	0.194	494.000
Category 3	0.463	1176.000
Category 4	0.174	443.000
K6D2P_R		
Category 1	0.253	642.000
Category 2	0.222	565.000
Category 3	0.383	972.000
Category 4	0.142	361.000
K6D2R_R		
Category 1	0.169	430.000
Category 2	0.243	616.000
Category 3	0.442	1121.000
Category 4	0.147	372.000
K6D2Z_R		
Category 1	0.186	473.000
Category 2	0.213	541.000
Category 3	0.451	1144.000
Category 4	0.150	381.000
K6D2AB_R		

Category 1	0.204	519.000
Category 2	0.225	572.000
Category 3	0.372	944.000
Category 4	0.199	506.000
K6D2AJ_R		
Category 1	0.412	1047.000
Category 2	0.198	502.000
Category 3	0.271	687.000
Category 4	0.119	303.000
K6D61C		
Category 1	0.922	2338.000
Category 2	0.063	160.000
Category 3	0.008	20.000
Category 4	0.007	18.000
K6D61D		
Category 1	0.754	1912.000
Category 2	0.187	473.000
Category 3	0.036	91.000
Category 4	0.024	60.000
K6D61E		
Category 1	0.908	2301.000
Category 2	0.077	195.000
Category 3	0.010	25.000
Category 4	0.006	14.000
K6D61K		
Category 1	0.910	2305.000
Category 2	0.075	190.000
Category 3	0.007	19.000
Category 4	0.008	20.000
K6D61L		
Category 1	0.875	2219.000
Category 2	0.102	259.000
Category 3	0.014	35.000
Category 4	0.009	23.000
K6D61M		
Category 1	0.725	1834.000
Category 2	0.205	518.000
Category 3	0.039	98.000
Category 4	0.032	80.000
K6D40_R		
Category 1	0.947	2402.000
Category 2	0.053	135.000
K6D48_R		
Category 1	0.844	2142.000
Category 2	0.156	395.000
K6F63_R		
Category 1	0.786	1992.000
Category 2	0.214	541.000
K6F68_R		
Category 1	0.987	2498.000

Category 2	0.013	34.000
K6F74_R		
Category 1	0.981	2486.000
Category 2	0.019	47.000
K6D2B_R		
Category 1	0.018	45.000
Category 2	0.028	72.000
Category 3	0.197	501.000
Category 4	0.757	1921.000
K6D2F_R		
Category 1	0.029	73.000
Category 2	0.052	133.000
Category 3	0.357	907.000
Category 4	0.562	1427.000
K6D2G_R		
Category 1	0.014	36.000
Category 2	0.014	35.000
Category 3	0.153	388.000
Category 4	0.819	2082.000
K6D2I_R		
Category 1	0.025	64.000
Category 2	0.083	211.000
Category 3	0.454	1152.000
Category 4	0.438	1111.000
K6D2K_R		
Category 1	0.019	48.000
Category 2	0.072	182.000
Category 3	0.429	1091.000
Category 4	0.480	1220.000
K6D2L_R		
Category 1	0.006	14.000
Category 2	0.009	22.000
Category 3	0.094	238.000
Category 4	0.892	2267.000
K6D2M_R		
Category 1	0.012	31.000
Category 2	0.048	121.000
Category 3	0.451	1147.000
Category 4	0.489	1242.000
K6D2O_R		
Category 1	0.062	158.000
Category 2	0.050	128.000
Category 3	0.279	709.000
Category 4	0.608	1543.000
K6D2S_R		
Category 1	0.015	38.000
Category 2	0.039	99.000
Category 3	0.286	726.000
Category 4	0.660	1678.000
K6D2V_R		

Category 1	0.009	22.000
Category 2	0.023	58.000
Category 3	0.352	894.000
Category 4	0.617	1567.000
K6D2W_R		
Category 1	0.017	42.000
Category 2	0.058	148.000
Category 3	0.354	899.000
Category 4	0.571	1451.000
K6D2Y_R		
Category 1	0.014	36.000
Category 2	0.035	88.000
Category 3	0.197	501.000
Category 4	0.754	1916.000
K6D2AA_R		
Category 1	0.013	33.000
Category 2	0.038	96.000
Category 3	0.281	714.000
Category 4	0.668	1698.000
K6D2AE_R		
Category 1	0.028	70.000
Category 2	0.087	221.000
Category 3	0.510	1294.000
Category 4	0.375	953.000
K6D2AF_R		
Category 1	0.012	30.000
Category 2	0.013	34.000
Category 3	0.179	454.000
Category 4	0.796	2023.000
K6D2AH_R		
Category 1	0.028	71.000
Category 2	0.037	93.000
Category 3	0.329	824.000
Category 4	0.606	1520.000
P5Q3M		
Category 1	0.830	1992.000
Category 2	0.147	352.000
Category 3	0.023	56.000
P5Q3AB		
Category 1	0.695	1671.000
Category 2	0.279	670.000
Category 3	0.026	62.000
P5Q3AD		
Category 1	0.872	2089.000
Category 2	0.116	278.000
Category 3	0.013	30.000
P5Q3AF		
Category 1	0.889	2134.000
Category 2	0.102	244.000
Category 3	0.010	23.000

P5Q3AH			
Category 1	0.942	2264.000	
Category 2	0.052	125.000	
Category 3	0.006	15.000	
P5Q3AR			
Category 1	0.907	2180.000	
Category 2	0.083	200.000	
Category 3	0.010	24.000	
P5Q3AV			
Category 1	0.886	2132.000	
Category 2	0.102	246.000	
Category 3	0.011	27.000	
P5Q3AX			
Category 1	0.948	2281.000	
Category 2	0.049	117.000	
Category 3	0.003	8.000	
P5Q3BQ			
Category 1	0.602	1447.000	
Category 2	0.363	872.000	
Category 3	0.035	83.000	
P5Q3CK			
Category 1	0.979	2356.000	
Category 2	0.016	39.000	
Category 3	0.005	12.000	
P5Q3DB			
Category 1	0.668	1587.000	
Category 2	0.299	711.000	
Category 3	0.032	77.000	
P5Q3E			
Category 1	0.858	2052.000	
Category 2	0.116	278.000	
Category 3	0.026	62.000	
P5Q3A0			
Category 1	0.843	2025.000	
Category 2	0.138	332.000	
Category 3	0.019	45.000	
P5Q3BK			
Category 1	0.895	2149.000	
Category 2	0.096	230.000	
Category 3	0.009	22.000	
P5Q3B0			
Category 1	0.807	1943.000	
Category 2	0.178	429.000	
Category 3	0.015	36.000	
P5Q3CU			
Category 1	0.921	2213.000	
Category 2	0.069	165.000	
Category 3	0.011	26.000	
P5Q3DA			
Category 1	0.917	2198.000	

Category 2	0.077	185.000
Category 3	0.006	15.000
P5Q3AS		
Category 1	0.779	1872.000
Category 2	0.213	511.000
Category 3	0.009	21.000
P5Q3AU		
Category 1	0.920	2208.000
Category 2	0.070	168.000
Category 3	0.010	24.000
P5Q3AZ		
Category 1	0.938	2254.000
Category 2	0.056	135.000
Category 3	0.006	14.000
P5Q3BB1		
Category 1	0.906	2174.000
Category 2	0.085	203.000
Category 3	0.009	22.000
P5Q3BB2		
Category 1	0.816	1956.000
Category 2	0.167	401.000
Category 3	0.016	39.000
P5Q3BB5		
Category 1	0.859	2055.000
Category 2	0.114	272.000
Category 3	0.027	65.000
P5Q3BB6		
Category 1	0.875	2101.000
Category 2	0.118	283.000
Category 3	0.007	17.000
P5Q3BB7		
Category 1	0.952	2264.000
Category 2	0.042	100.000
Category 3	0.005	13.000
P5Q3X		
Category 1	0.792	1900.000
Category 2	0.180	432.000
Category 3	0.028	68.000
P5Q3AA		
Category 1	0.567	1362.000
Category 2	0.404	971.000
Category 3	0.028	68.000
P5Q3AL		
Category 1	0.886	2128.000
Category 2	0.105	253.000
Category 3	0.009	22.000
P5Q3AP		
Category 1	0.708	1703.000
Category 2	0.276	664.000
Category 3	0.017	40.000

P5Q3BI		
Category 1	0.595	1429.000
Category 2	0.348	836.000
Category 3	0.057	138.000
P5Q3BZ		
Category 1	0.961	2313.000
Category 2	0.033	79.000
Category 3	0.007	16.000
P5Q3CJ		
Category 1	0.939	2257.000
Category 2	0.056	134.000
Category 3	0.005	13.000
P5Q3C		
Category 1	0.497	1185.000
Category 2	0.406	969.000
Category 3	0.097	231.000
P5Q30		
Category 1	0.873	2095.000
Category 2	0.110	263.000
Category 3	0.018	42.000
P5Q3R		
Category 1	0.609	1463.000
Category 2	0.312	749.000
Category 3	0.080	192.000
P5Q3S		
Category 1	0.853	2051.000
Category 2	0.123	296.000
Category 3	0.024	57.000
P5Q3T		
Category 1	0.851	2046.000
Category 2	0.135	325.000
Category 3	0.013	32.000
P5Q3U		
Category 1	0.531	1275.000
Category 2	0.439	1054.000
Category 3	0.030	73.000
P5Q3V		
Category 1	0.712	1697.000
Category 2	0.266	634.000
Category 3	0.022	53.000
P5Q3AJ		
Category 1	0.916	2203.000
Category 2	0.072	174.000
Category 3	0.012	28.000
P5Q3BC		
Category 1	0.950	2275.000
Category 2	0.043	104.000
Category 3	0.007	16.000
P5Q3BN		
Category 1	0.825	1985.000

Category 2	0.150	362.000
Category 3	0.025	59.000
P5Q3CF		
Category 1	0.681	1639.000
Category 2	0.290	698.000
Category 3	0.029	69.000
P5Q3CG		
Category 1	0.729	1754.000
Category 2	0.248	597.000
Category 3	0.022	54.000
P5Q3CH		
Category 1	0.867	2075.000
Category 2	0.123	294.000
Category 3	0.010	24.000
P5Q3CI		
Category 1	0.909	2185.000
Category 2	0.085	204.000
Category 3	0.007	16.000
P5Q3CN		
Category 1	0.833	2004.000
Category 2	0.153	369.000
Category 3	0.014	33.000
P5Q3C0		
Category 1	0.708	1703.000
Category 2	0.246	591.000
Category 3	0.047	112.000
P5Q3CQ		
Category 1	0.955	2298.000
Category 2	0.039	93.000
Category 3	0.007	16.000
P5Q3CW		
Category 1	0.785	1890.000
Category 2	0.183	440.000
Category 3	0.032	78.000

SAMPLE STATISTICS

ESTIMATED SAMPLE STATISTICS

	MEANS/INTERCEPTS/THRESHOLDS			
	K6B1A_R\$	K6B1A_R\$	K6B1A_R\$	K6B1B_R\$
K6B1B_R\$				
	_____	_____	_____	_____
-1.448	-1.816	-1.251	0.027	-2.017

	MEANS/INTERCEPTS/THRESHOLDS			
	K6B1B_R\$	K6B1C_R\$	K6B1C_R\$	K6B1C_R\$
K6B1D_R\$				
-1.916	-0.345	-1.703	-1.309	-0.253

	MEANS/INTERCEPTS/THRESHOLDS			
	K6B1D_R\$	K6B1D_R\$	K5E1A\$1	K5E1A\$2
K5E1A\$3				
-0.532	-1.434	-0.418	-1.206	-0.801

	MEANS/INTERCEPTS/THRESHOLDS			
	K5E1A\$4	K5E1B\$1	K5E1B\$2	K5E1B\$3
K5E1B\$4				
0.220	-0.115	-0.933	-0.536	-0.237

	MEANS/INTERCEPTS/THRESHOLDS			
	K5E1C\$1	K5E1C\$2	K5E1C\$3	K5E1C\$4
K5E1D\$1				
-1.227	-1.258	-0.916	-0.612	-0.158

	MEANS/INTERCEPTS/THRESHOLDS			
	K5E1D\$2	K5E1D\$3	K5E1D\$4	K6D2AG_R
K6D2AG_R				
0.731	-0.934	-0.689	-0.305	0.182

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2AG_R	K6D2AI_R	K6D2AI_R	K6D2AI_R
K6D2D_R\$				

<hr/>	1.721	0.251	0.781	1.544
0.235				
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2J_R\$	K6D2D_R\$	K6D2D_R\$	K6D2J_R\$	K6D2J_R\$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
1.273	0.772	1.630	-0.628	0.088
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AC_R	K6D2T_R\$	K6D2T_R\$	K6D2T_R\$	K6D2AC_R
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0.829	0.454	0.904	1.718	0.378
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2C_R\$	K6D2AC_R	K6D2AK_R	K6D2AK_R	K6D2AK_R
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
-0.476	1.714	-0.366	0.169	1.067
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2N_R\$	K6D2C_R\$	K6D2C_R\$	K6D2N_R\$	K6D2N_R\$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
1.725	0.008	1.030	0.162	0.751
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2A_R\$	K6D2X_R\$	K6D2X_R\$	K6D2X_R\$	K6D2A_R\$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
-0.415	0.851	1.271	2.049	-1.029

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2R_R\$	K6D2A_R\$	K6D2P_R\$	K6D2P_R\$	K6D2P_R\$
_____	_____	_____	_____	_____
-1.208	0.888	-0.967	-0.358	0.788

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2Z_R\$	K6D2R_R\$	K6D2R_R\$	K6D2Z_R\$	K6D2Z_R\$
_____	_____	_____	_____	_____
0.777	-0.463	0.837	-1.195	-0.546

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AJ_R	K6D2AB_R	K6D2AB_R	K6D2AB_R	K6D2AJ_R
_____	_____	_____	_____	_____
0.030	-0.891	-0.237	0.800	-0.482

	MEANS/INTERCEPTS/THRESHOLDS			
K6D61D\$1	K6D2AJ_R	K6D61C\$1	K6D61C\$2	K6D61C\$3
_____	_____	_____	_____	_____
0.153	0.948	1.238	2.008	2.296

	MEANS/INTERCEPTS/THRESHOLDS			
K6D61E\$3	K6D61D\$2	K6D61D\$3	K6D61E\$1	K6D61E\$2
_____	_____	_____	_____	_____
2.298	1.100	1.551	1.039	1.903

	MEANS/INTERCEPTS/THRESHOLDS			
K6D61L\$2	K6D61K\$1	K6D61K\$2	K6D61K\$3	K6D61L\$1
_____	_____	_____	_____	_____

1.647	1.201	2.038	2.297	0.749
	MEANS/INTERCEPTS/THRESHOLDS			
K6D40_R\$	K6D61L\$3	K6D61M\$1	K6D61M\$2	K6D61M\$3
0.888	2.034	0.390	1.272	1.657
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2B_R\$	K6D48_R\$	K6F63_R\$	K6F68_R\$	K6F74_R\$
-2.177	0.805	0.545	1.827	1.912
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2F_R\$	K6D2B_R\$	K6D2B_R\$	K6D2F_R\$	K6D2F_R\$
-0.100	-1.757	-0.748	-1.855	-1.351
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2I_R\$	K6D2G_R\$	K6D2G_R\$	K6D2G_R\$	K6D2I_R\$
-1.219	-2.157	-1.875	-0.860	-1.942
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2L_R\$	K6D2I_R\$	K6D2K_R\$	K6D2K_R\$	K6D2K_R\$
-2.332	0.182	-2.207	-1.459	-0.048

MEANS/INTERCEPTS/THRESHOLDS

K6D2M_R\$	K6D2L_R\$	K6D2L_R\$	K6D2M_R\$	K6D2M_R\$
_____	_____	_____	_____	_____
0.135	-1.984	-1.019	-2.169	-1.470
MEANS/INTERCEPTS/THRESHOLDS				
K6D2S_R\$	K6D20_R\$	K6D20_R\$	K6D20_R\$	K6D2S_R\$
_____	_____	_____	_____	_____
-1.573	-1.502	-1.177	-0.220	-2.143
MEANS/INTERCEPTS/THRESHOLDS				
K6D2W_R\$	K6D2S_R\$	K6D2V_R\$	K6D2V_R\$	K6D2V_R\$
_____	_____	_____	_____	_____
-2.055	-0.351	-2.303	-1.778	-0.188
MEANS/INTERCEPTS/THRESHOLDS				
K6D2Y_R\$	K6D2W_R\$	K6D2W_R\$	K6D2Y_R\$	K6D2Y_R\$
_____	_____	_____	_____	_____
-0.627	-1.356	-0.073	-2.148	-1.606
MEANS/INTERCEPTS/THRESHOLDS				
K6D2AE_R	K6D2AA_R	K6D2AA_R	K6D2AA_R	K6D2AE_R
_____	_____	_____	_____	_____
-1.159	-2.309	-1.711	-0.485	-1.879
MEANS/INTERCEPTS/THRESHOLDS				
K6D2AH_R	K6D2AE_R	K6D2AF_R	K6D2AF_R	K6D2AF_R
_____	_____	_____	_____	_____
	0.391	-2.032	-1.726	-0.590

-1.614

P5Q3AB\$1	MEANS/INTERCEPTS/THRESHOLDS		P5Q3M\$1	P5Q3M\$2
	K6D2AH_R	K6D2AH_R		
	_____	_____	_____	_____
0.734	-1.219	0.034	0.784	1.856

P5Q3AF\$2	MEANS/INTERCEPTS/THRESHOLDS		P5Q3AD\$2	P5Q3AF\$1
	P5Q3AB\$2	P5Q3AD\$1		
	_____	_____	_____	_____
2.317	2.199	0.844	1.983	1.159

P5Q3AV\$1	MEANS/INTERCEPTS/THRESHOLDS		P5Q3AR\$1	P5Q3AR\$2
	P5Q3AH\$1	P5Q3AH\$2		
	_____	_____	_____	_____
1.061	1.521	2.499	1.143	2.173

P5Q3BQ\$2	MEANS/INTERCEPTS/THRESHOLDS		P5Q3AX\$2	P5Q3BQ\$1
	P5Q3AV\$2	P5Q3AX\$1		
	_____	_____	_____	_____
1.767	2.186	1.324	2.444	0.167

P5Q3E\$1	MEANS/INTERCEPTS/THRESHOLDS		P5Q3DB\$1	P5Q3DB\$2
	P5Q3CK\$1	P5Q3CK\$2		
	_____	_____	_____	_____
0.825	2.092	2.658	0.415	1.893

	MEANS/INTERCEPTS/THRESHOLDS		P5Q3A0\$2	P5Q3BK\$1
	P5Q3E\$2	P5Q3A0\$1		
	_____	_____	_____	_____

P5Q3BK\$2				
	<hr/>	<hr/>	<hr/>	<hr/>
2.163	1.751	0.796	1.900	1.023
	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3DA\$1	P5Q3B0\$1	P5Q3B0\$2	P5Q3CU\$1	P5Q3CU\$2
	<hr/>	<hr/>	<hr/>	<hr/>
1.142	0.677	2.029	1.315	2.225
	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3AU\$2	P5Q3DA\$2	P5Q3AS\$1	P5Q3AS\$2	P5Q3AU\$1
	<hr/>	<hr/>	<hr/>	<hr/>
2.373	2.293	0.801	2.446	1.434
	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3BB2\$	P5Q3AZ\$1	P5Q3AZ\$2	P5Q3BB1\$	P5Q3BB1\$
	<hr/>	<hr/>	<hr/>	<hr/>
0.690	1.647	2.654	1.089	2.152
	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3BB6\$	P5Q3BB2\$	P5Q3BB5\$	P5Q3BB5\$	P5Q3BB6\$
	<hr/>	<hr/>	<hr/>	<hr/>
2.408	1.951	1.120	1.984	1.070
	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3AA\$1	P5Q3BB7\$	P5Q3BB7\$	P5Q3X\$1	P5Q3X\$2
	<hr/>	<hr/>	<hr/>	<hr/>
-0.152	1.575	2.475	0.633	1.780

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AA\$2	P5Q3AL\$1	P5Q3AL\$2	P5Q3AP\$1
P5Q3AP\$2				
2.243	1.705	1.034	2.264	0.541

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3BI\$1	P5Q3BI\$2	P5Q3BZ\$1	P5Q3BZ\$2
P5Q3CJ\$1				
1.171	0.245	1.617	1.931	2.699

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CJ\$2	P5Q3C\$1	P5Q3C\$2	P5Q30\$1
P5Q30\$2				
1.980	2.265	-0.173	1.211	0.976

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3R\$1	P5Q3R\$2	P5Q3S\$1	P5Q3S\$2
P5Q3T\$1				
0.714	0.154	1.313	0.728	1.719

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3T\$2	P5Q3U\$1	P5Q3U\$2	P5Q3V\$1
P5Q3V\$2				
1.773	1.972	-0.114	1.777	0.208

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AJ\$1	P5Q3AJ\$2	P5Q3BC\$1	P5Q3BC\$2
P5Q3BN\$1				

[illegible]

K6B1D_R 0.076	-0.086	-0.080	0.068	-0.058
K5E1A -0.089	-0.120	-0.004	0.016	0.025
K5E1B 0.124	0.018	-0.065	0.017	0.062
K5E1C -0.140	-0.018	-0.129	-0.005	-0.020
K5E1D 0.236	-0.054	-0.097	0.053	0.161
K6D2AG_R 0.031	0.053	0.165	-0.013	-0.149
K6D2AI_R -0.112	0.017	0.150	-0.019	0.013
K6D2D_R -0.030	0.129	0.028	-0.036	-0.117
K6D2J_R -0.015	0.089	0.036	-0.020	-0.186
K6D2T_R 0.022	0.035	0.064	-0.030	-0.123
K6D2AC_R -0.092	0.051	0.232	-0.041	-0.231
K6D2AK_R 0.052	0.112	0.110	-0.038	-0.193
K6D2C_R -0.268	0.127	0.062	-0.055	-0.104
K6D2N_R 0.037	0.082	0.174	-0.025	-0.250
K6D2X_R -0.186	-0.014	0.124	-0.043	-0.220
K6D2A_R -0.006	0.154	-0.002	-0.041	0.031
K6D2P_R -0.210	0.173	-0.029	-0.033	-0.199
K6D2R_R -0.135	0.214	-0.033	-0.055	-0.074
K6D2Z_R -0.205	0.148	-0.059	-0.061	-0.028
K6D2AB_R -0.058	0.157	0.019	-0.030	-0.046
K6D2AJ_R -0.156	0.251	-0.008	-0.049	-0.064
K6D61C 0.070	0.203	0.060	-0.080	-0.017
K6D61D -0.173	0.274	0.028	-0.199	0.085
K6D61E -0.117	0.165	-0.033	-0.098	0.083
K6D61K 0.071	0.212	0.095	-0.043	-0.013

K6D61L	0.284	-0.071	-0.133	0.075
-0.252				
K6D61M	0.168	0.001	-0.014	-0.133
-0.165				
K6D40_R	0.080	0.154	-0.159	-0.665
0.093				
K6D48_R	0.126	0.109	-0.020	-0.305
-0.036				
K6F63_R	0.260	0.039	-0.062	-0.075
-0.140				
K6F68_R	0.034	0.240	0.021	-0.750
-0.872				
K6F74_R	0.178	0.243	-0.045	-0.304
-0.169				
K6D2B_R	0.023	-0.234	0.000	0.225
0.129				
K6D2F_R	-0.027	-0.174	-0.004	0.173
0.003				
K6D2G_R	-0.052	-0.167	0.019	-0.150
0.094				
K6D2I_R	-0.064	-0.075	-0.016	0.095
-0.124				
K6D2K_R	-0.017	-0.135	-0.030	0.142
-0.216				
K6D2L_R	-0.003	-0.205	0.004	0.243
0.268				
K6D2M_R	-0.068	-0.145	-0.020	0.266
-0.020				
K6D20_R	0.036	-0.185	0.014	0.263
-0.175				
K6D2S_R	-0.073	-0.209	0.033	0.216
0.051				
K6D2V_R	0.041	-0.169	-0.007	0.253
-0.165				
K6D2W_R	-0.134	-0.135	-0.024	0.310
-0.053				
K6D2Y_R	-0.062	-0.216	-0.007	0.099
0.128				
K6D2AA_R	-0.035	-0.250	0.018	0.120
-0.010				
K6D2AE_R	-0.005	-0.175	-0.031	0.302
-0.069				
K6D2AF_R	-0.070	-0.109	0.025	0.139
0.102				
K6D2AH_R	-0.113	-0.079	0.036	0.333
0.070				
P5Q3M	0.286	0.166	-0.080	-0.097
0.137				
P5Q3AB	0.198	0.210	-0.001	0.240
0.158				

P5Q3AD 0.007	0.138	0.186	-0.050	-0.346
P5Q3AF 0.032	0.265	0.303	0.000	-0.312
P5Q3AH 0.359	0.189	0.373	0.030	-0.298
P5Q3AR 0.122	0.305	0.128	-0.014	-0.229
P5Q3AV 0.326	0.194	0.206	-0.023	-0.358
P5Q3AX 0.179	0.212	0.186	-0.088	-0.253
P5Q3BQ 0.198	0.321	0.194	-0.015	-0.163
P5Q3CK 0.391	0.308	0.124	0.006	-0.084
P5Q3DB 0.363	0.181	0.247	0.044	-0.314
P5Q3E -0.021	0.008	0.361	-0.142	-0.088
P5Q3A0 0.122	0.207	0.210	-0.039	-0.116
P5Q3BK -0.108	0.163	0.309	-0.047	-0.122
P5Q3B0 0.083	0.338	0.211	-0.059	-0.146
P5Q3CU 0.019	0.112	0.300	-0.026	-0.137
P5Q3DA 0.037	0.274	0.175	-0.065	-0.190
P5Q3AS 0.240	0.249	0.207	-0.009	-0.108
P5Q3AU 0.235	-0.092	0.351	-0.013	-0.067
P5Q3AZ 0.005	0.126	0.329	-0.014	0.104
P5Q3BB1 0.123	0.133	0.221	-0.061	-0.275
P5Q3BB2 0.142	0.169	0.153	-0.084	-0.142
P5Q3BB5 -0.151	0.234	0.087	-0.004	0.051
P5Q3BB6 0.072	0.153	0.276	-0.034	-0.255
P5Q3BB7 -0.096	0.232	0.174	-0.046	-0.142
P5Q3X 0.062	0.310	0.246	-0.092	-0.024
P5Q3AA 0.122	0.478	0.111	-0.044	-0.029

P5Q3AL 0.062	0.358	0.130	-0.070	0.184
P5Q3AP 0.287	0.556	0.187	-0.037	0.146
P5Q3BI 0.241	0.216	0.104	-0.034	0.244
P5Q3BZ 0.609	0.433	0.115	-0.122	0.338
P5Q3CJ 0.071	0.431	0.239	-0.096	-0.250
P5Q3C 0.302	0.473	0.197	-0.001	-0.345
P5Q3O 0.265	0.316	0.161	-0.093	-0.012
P5Q3R 0.081	0.353	0.118	-0.029	-0.138
P5Q3S 0.123	0.356	0.186	-0.113	-0.020
P5Q3T 0.200	0.432	0.172	-0.108	-0.066
P5Q3U 0.203	0.441	0.208	-0.008	-0.136
P5Q3V -0.058	0.416	0.139	-0.042	0.032
P5Q3AJ 0.025	0.415	0.133	-0.081	0.159
P5Q3BC 0.125	0.437	0.084	-0.051	0.032
P5Q3BN 0.138	0.354	0.207	-0.112	-0.310
P5Q3CF 0.168	0.406	0.199	-0.030	-0.251
P5Q3CG 0.262	0.408	0.199	-0.094	0.020
P5Q3CH 0.258	0.309	0.235	-0.033	-0.126
P5Q3CI 0.196	0.221	0.243	-0.093	0.056
P5Q3CN 0.172	0.409	0.143	-0.069	-0.111
P5Q3CO 0.205	0.458	0.181	-0.058	-0.148
P5Q3CQ 0.294	0.431	0.071	-0.080	-0.103
P5Q3CW 0.430	0.489	0.128	-0.094	0.061

SLOPES

RACE_L

CM1BSEX

K6B1A_R	0.115	-0.243
K6B1B_R	-0.179	-0.192
K6B1C_R	0.104	-0.214
K6B1D_R	0.145	-0.033
K5E1A	0.058	0.140
K5E1B	0.133	0.160
K5E1C	0.101	0.183
K5E1D	0.233	0.049
K6D2AG_R	0.039	0.264
K6D2AI_R	0.158	0.121
K6D2D_R	-0.009	0.287
K6D2J_R	-0.083	0.035
K6D2T_R	0.050	0.367
K6D2AC_R	-0.152	0.268
K6D2AK_R	-0.176	-0.281
K6D2C_R	-0.128	0.133
K6D2N_R	-0.109	0.254
K6D2X_R	0.002	0.086
K6D2A_R	0.053	0.004
K6D2P_R	-0.236	-0.060
K6D2R_R	-0.152	-0.040
K6D2Z_R	-0.152	-0.130
K6D2AB_R	-0.134	0.147
K6D2AJ_R	-0.141	-0.118
K6D61C	0.071	-0.137
K6D61D	-0.246	-0.328
K6D61E	0.003	-0.318
K6D61K	0.040	-0.183
K6D61L	-0.134	-0.346
K6D61M	-0.181	-0.091
K6D40_R	-0.267	-0.250
K6D48_R	0.023	-0.058
K6F63_R	-0.053	-0.127
K6F68_R	-0.190	0.035
K6F74_R	0.031	0.053
K6D2B_R	0.068	-0.372
K6D2F_R	0.051	-0.065
K6D2G_R	-0.005	0.179
K6D2I_R	0.101	0.027
K6D2K_R	0.042	-0.149
K6D2L_R	0.301	-0.043
K6D2M_R	0.278	-0.088
K6D20_R	-0.041	-0.114
K6D2S_R	0.151	-0.301
K6D2V_R	0.010	0.067
K6D2W_R	0.218	-0.065
K6D2Y_R	0.040	0.000
K6D2AA_R	0.034	-0.289
K6D2AE_R	0.156	-0.081

K6D2AF_R	0.123	0.154
K6D2AH_R	0.168	0.024
P5Q3M	-0.023	-0.022
P5Q3AB	0.223	0.019
P5Q3AD	0.053	-0.124
P5Q3AF	0.088	0.031
P5Q3AH	-0.110	-0.215
P5Q3AR	-0.033	-0.183
P5Q3AV	0.152	-0.156
P5Q3AX	-0.116	-0.111
P5Q3BQ	-0.073	-0.025
P5Q3CK	0.251	-0.258
P5Q3DB	-0.039	-0.079
P5Q3E	0.316	-0.128
P5Q3A0	-0.004	-0.257
P5Q3BK	-0.075	-0.165
P5Q3B0	-0.192	-0.003
P5Q3CU	0.001	-0.015
P5Q3DA	-0.156	-0.051
P5Q3AS	0.021	0.072
P5Q3AU	0.070	0.001
P5Q3AZ	0.305	-0.087
P5Q3BB1	-0.118	0.016
P5Q3BB2	-0.096	0.017
P5Q3BB5	-0.008	0.072
P5Q3BB6	-0.128	0.204
P5Q3BB7	0.001	0.097
P5Q3X	0.091	-0.118
P5Q3AA	-0.267	-0.392
P5Q3AL	-0.147	-0.378
P5Q3AP	0.043	-0.222
P5Q3BI	-0.030	-0.192
P5Q3BZ	0.309	-0.107
P5Q3CJ	0.019	-0.442
P5Q3C	-0.046	-0.086
P5Q30	-0.145	-0.070
P5Q3R	-0.105	0.013
P5Q3S	-0.105	-0.319
P5Q3T	-0.168	-0.312
P5Q3U	-0.206	-0.212
P5Q3V	-0.325	-0.494
P5Q3AJ	-0.152	-0.365
P5Q3BC	0.034	-0.358
P5Q3BN	0.004	0.069
P5Q3CF	-0.197	-0.094
P5Q3CG	0.064	0.009
P5Q3CH	0.081	-0.095
P5Q3CI	0.267	-0.057
P5Q3CN	-0.169	-0.148
P5Q3C0	-0.043	-0.237

P5Q3CQ	-0.275	-0.284
P5Q3CW	0.129	-0.099

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6B1A_R	K6B1B_R	K6B1C_R	K6B1D_R
K5E1A				
K6B1A_R				
K6B1B_R	0.539			
K6B1C_R	0.502	0.583		
K6B1D_R	0.413	0.462	0.461	
K5E1A	0.054	0.113	0.099	0.072
K5E1B	0.107	0.131	0.089	0.040
0.495				
K5E1C	0.147	0.160	0.167	0.112
0.502				
K5E1D	0.142	0.078	0.118	0.144
0.462				
K6D2AG_R	-0.164	-0.234	-0.184	-0.170
-0.064				
K6D2AI_R	-0.104	-0.156	-0.103	-0.151
-0.033				
K6D2D_R	-0.091	-0.171	-0.152	-0.192
-0.054				
K6D2J_R	-0.111	-0.137	-0.149	-0.155
-0.076				
K6D2T_R	-0.144	-0.175	-0.163	-0.163
-0.046				
K6D2AC_R	-0.293	-0.302	-0.316	-0.243
-0.072				
K6D2AK_R	-0.102	-0.163	-0.153	-0.142
-0.048				
K6D2C_R	-0.133	-0.153	-0.158	-0.136
-0.069				
K6D2N_R	-0.197	-0.269	-0.259	-0.230
-0.080				
K6D2X_R	-0.244	-0.285	-0.286	-0.240
-0.123				
K6D2A_R	-0.045	-0.072	-0.077	-0.094
-0.037				
K6D2P_R	-0.081	-0.108	-0.184	-0.078
-0.040				
K6D2R_R	-0.054	-0.089	-0.098	-0.088
-0.046				
K6D2Z_R	-0.050	-0.083	-0.083	-0.082
-0.025				
K6D2AB_R	-0.037	-0.091	-0.150	-0.054
-0.037				

K6D2AJ_R -0.048	-0.114	-0.169	-0.200	-0.130
K6D61C -0.040	-0.206	-0.238	-0.210	-0.197
K6D61D -0.053	-0.146	-0.164	-0.193	-0.143
K6D61E -0.092	-0.178	-0.171	-0.176	-0.145
K6D61K -0.078	-0.168	-0.226	-0.210	-0.188
K6D61L -0.038	-0.095	-0.130	-0.126	-0.156
K6D61M -0.032	-0.046	-0.203	-0.160	-0.131
K6D40_R -0.058	-0.184	-0.256	-0.287	-0.108
K6D48_R -0.025	-0.102	-0.137	-0.202	-0.069
K6F63_R -0.071	-0.157	-0.202	-0.276	-0.140
K6F68_R -0.064	-0.064	-0.135	-0.191	-0.011
K6F74_R -0.149	-0.087	-0.174	-0.245	-0.137
K6D2B_R 0.076	0.305	0.368	0.370	0.330
K6D2F_R 0.122	0.311	0.329	0.319	0.212
K6D2G_R 0.049	0.359	0.251	0.252	0.240
K6D2I_R 0.044	0.125	0.248	0.247	0.107
K6D2K_R 0.090	0.164	0.247	0.163	0.101
K6D2L_R 0.102	0.318	0.365	0.355	0.364
K6D2M_R 0.056	0.140	0.244	0.232	0.130
K6D20_R 0.058	0.186	0.215	0.179	0.198
K6D2S_R 0.134	0.319	0.367	0.388	0.314
K6D2V_R 0.078	0.183	0.271	0.242	0.188
K6D2W_R 0.077	0.163	0.265	0.230	0.188
K6D2Y_R 0.084	0.244	0.269	0.247	0.259
K6D2AA_R 0.104	0.374	0.381	0.313	0.280

K6D2AE_R 0.057	0.157	0.168	0.162	0.144
K6D2AF_R 0.032	0.281	0.281	0.242	0.251
K6D2AH_R 0.080	0.163	0.177	0.171	0.146
P5Q3M -0.083	-0.093	-0.072	-0.095	-0.072
P5Q3AB -0.043	0.009	-0.015	-0.013	-0.011
P5Q3AD -0.025	0.028	-0.039	0.007	-0.010
P5Q3AF -0.035	0.031	-0.082	-0.088	-0.098
P5Q3AH -0.078	-0.115	-0.061	-0.162	-0.052
P5Q3AR -0.078	-0.013	-0.044	-0.017	-0.035
P5Q3AV -0.008	0.031	-0.006	-0.022	-0.012
P5Q3AX -0.010	-0.027	0.002	-0.044	-0.007
P5Q3BQ -0.069	-0.028	-0.055	0.009	-0.045
P5Q3CK -0.010	-0.067	-0.096	-0.058	0.001
P5Q3DB -0.047	-0.043	-0.001	-0.021	0.017
P5Q3E -0.014	-0.054	-0.047	-0.055	-0.060
P5Q3A0 -0.078	-0.054	-0.033	0.015	-0.034
P5Q3BK -0.052	-0.024	-0.018	-0.023	-0.004
P5Q3B0 -0.119	-0.036	-0.053	-0.047	-0.024
P5Q3CU -0.068	-0.061	-0.028	-0.064	-0.014
P5Q3DA -0.054	-0.041	-0.053	-0.014	-0.021
P5Q3AS -0.042	-0.045	-0.066	-0.064	-0.003
P5Q3AU -0.049	0.045	-0.047	0.010	-0.048
P5Q3AZ -0.044	0.014	0.014	-0.019	0.017
P5Q3BB1 -0.012	-0.015	0.008	-0.019	-0.069
P5Q3BB2 -0.026	0.018	0.024	-0.012	-0.049

P5Q3BB5	-0.003	-0.078	-0.023	-0.011
-0.047				
P5Q3BB6	0.034	-0.058	0.020	-0.039
-0.043				
P5Q3BB7	0.071	-0.018	0.045	-0.013
0.006				
P5Q3X	-0.058	-0.052	-0.025	-0.055
-0.051				
P5Q3AA	-0.026	-0.059	-0.089	-0.043
-0.113				
P5Q3AL	-0.009	-0.057	-0.036	-0.026
-0.036				
P5Q3AP	-0.058	-0.065	-0.084	-0.079
-0.104				
P5Q3BI	-0.026	-0.063	-0.007	-0.020
-0.059				
P5Q3BZ	-0.044	-0.098	-0.110	-0.054
-0.020				
P5Q3CJ	0.012	-0.002	-0.005	-0.048
0.017				
P5Q3C	-0.086	-0.069	-0.089	-0.028
-0.048				
P5Q30	-0.064	-0.094	-0.094	-0.034
-0.053				
P5Q3R	-0.059	-0.066	-0.061	-0.028
-0.051				
P5Q3S	-0.082	-0.095	-0.097	-0.078
-0.051				
P5Q3T	-0.081	-0.071	-0.054	-0.047
-0.101				
P5Q3U	-0.014	-0.068	-0.071	-0.035
-0.095				
P5Q3V	-0.080	-0.103	-0.105	-0.049
-0.163				
P5Q3AJ	0.000	-0.087	-0.078	-0.028
-0.018				
P5Q3BC	-0.038	-0.041	-0.077	-0.003
0.010				
P5Q3BN	-0.082	-0.075	-0.096	-0.048
-0.031				
P5Q3CF	-0.090	-0.114	-0.069	-0.092
-0.119				
P5Q3CG	-0.044	-0.039	-0.054	-0.035
-0.037				
P5Q3CH	-0.019	-0.025	-0.094	-0.086
-0.039				
P5Q3CI	-0.056	-0.018	-0.040	-0.024
-0.070				
P5Q3CN	-0.039	-0.060	-0.049	-0.039
-0.085				

P5Q3C0 -0.025	-0.052	-0.077	-0.102	-0.067
P5Q3CQ -0.020	-0.054	-0.089	-0.034	-0.046
P5Q3CW 0.011	-0.028	0.001	-0.077	-0.054

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K5E1B	K5E1C	K5E1D	K6D2AG_R
K6D2AI_R				
K5E1C	0.449			
K5E1D	0.391	0.551		
K6D2AG_R	-0.025	-0.060	-0.068	
K6D2AI_R	-0.034	-0.011	-0.034	0.533
K6D2D_R	-0.033	-0.035	-0.076	0.517
0.404				
K6D2J_R	-0.034	-0.039	-0.040	0.467
0.371				
K6D2T_R	-0.028	-0.026	-0.065	0.629
0.477				
K6D2AC_R	-0.032	-0.112	-0.097	0.610
0.439				
K6D2AK_R	-0.037	-0.054	-0.094	0.456
0.338				
K6D2C_R	-0.021	-0.040	-0.060	0.423
0.340				
K6D2N_R	-0.019	-0.060	-0.067	0.612
0.463				
K6D2X_R	-0.048	-0.129	-0.150	0.489
0.416				
K6D2A_R	-0.004	-0.017	-0.032	0.187
0.141				
K6D2P_R	-0.006	-0.062	-0.050	0.244
0.223				
K6D2R_R	-0.017	-0.027	0.017	0.281
0.225				
K6D2Z_R	-0.022	-0.010	-0.045	0.197
0.188				
K6D2AB_R	-0.008	-0.062	-0.052	0.226
0.173				
K6D2AJ_R	-0.010	-0.082	-0.069	0.287
0.281				
K6D61C	-0.014	-0.057	-0.065	0.157
0.076				
K6D61D	0.011	-0.060	-0.049	0.102
0.072				
K6D61E	0.003	-0.079	-0.059	0.083

0.135				
K6D61K	0.000	-0.065	-0.057	0.142
0.078				
K6D61L	0.025	-0.025	-0.081	0.062
0.015				
K6D61M	-0.019	-0.032	-0.005	0.191
0.112				
K6D40_R	0.066	-0.039	-0.010	0.146
0.077				
K6D48_R	0.028	-0.036	-0.022	0.224
0.092				
K6F63_R	0.009	-0.114	-0.048	0.134
0.044				
K6F68_R	-0.042	-0.047	-0.050	0.238
-0.012				
K6F74_R	-0.026	-0.083	0.017	0.211
0.069				
K6D2B_R	0.077	0.079	0.127	-0.341
-0.236				
K6D2F_R	0.069	0.096	0.061	-0.269
-0.210				
K6D2G_R	0.052	0.064	0.056	-0.100
-0.144				
K6D2I_R	0.014	0.089	0.029	-0.169
-0.084				
K6D2K_R	0.081	0.068	0.061	-0.252
-0.143				
K6D2L_R	0.005	0.121	0.095	-0.378
-0.271				
K6D2M_R	0.036	0.072	0.061	-0.242
-0.116				
K6D2O_R	0.062	0.041	0.084	-0.284
-0.194				
K6D2S_R	0.075	0.115	0.074	-0.409
-0.293				
K6D2V_R	0.081	0.055	0.057	-0.233
-0.164				
K6D2W_R	0.063	0.084	0.045	-0.294
-0.186				
K6D2Y_R	0.060	0.121	0.059	-0.259
-0.241				
K6D2AA_R	0.062	0.089	0.101	-0.308
-0.235				
K6D2AE_R	0.064	0.045	0.018	-0.156
-0.150				
K6D2AF_R	0.026	0.097	0.051	-0.219
-0.209				
K6D2AH_R	0.053	0.082	0.014	-0.220
-0.171				
P5Q3M	-0.081	-0.075	-0.071	0.062

0.071				
P5Q3AB	-0.031	-0.034	-0.031	0.023
0.029				
P5Q3AD	0.011	-0.019	-0.077	0.025
0.056				
P5Q3AF	0.001	-0.028	-0.014	0.045
0.047				
P5Q3AH	-0.031	-0.089	-0.041	0.118
0.111				
P5Q3AR	-0.033	-0.023	-0.049	0.083
0.040				
P5Q3AV	-0.018	-0.055	-0.067	0.045
0.046				
P5Q3AX	-0.010	-0.051	0.043	0.024
0.007				
P5Q3BQ	0.003	-0.085	-0.066	0.046
0.063				
P5Q3CK	-0.054	0.024	-0.029	0.118
0.079				
P5Q3DB	-0.033	-0.039	-0.063	0.053
0.029				
P5Q3E	-0.019	-0.010	-0.117	0.048
0.028				
P5Q3A0	-0.141	-0.116	-0.114	0.114
0.043				
P5Q3BK	-0.070	-0.076	-0.092	0.087
0.021				
P5Q3B0	-0.080	-0.149	-0.156	0.103
0.072				
P5Q3CU	-0.083	-0.101	-0.125	0.100
0.084				
P5Q3DA	-0.073	-0.049	-0.088	0.140
0.096				
P5Q3AS	-0.052	-0.083	-0.086	0.079
0.045				
P5Q3AU	-0.022	0.019	-0.070	0.101
-0.064				
P5Q3AZ	-0.029	-0.098	-0.156	0.142
0.035				
P5Q3BB1	-0.009	0.000	-0.121	0.078
0.044				
P5Q3BB2	-0.036	-0.048	-0.087	0.057
0.074				
P5Q3BB5	-0.026	0.036	-0.080	-0.022
0.016				
P5Q3BB6	0.029	0.038	0.005	0.060
0.035				
P5Q3BB7	0.050	0.065	0.008	0.064
-0.057				
P5Q3X	-0.035	-0.062	-0.104	0.075

0.031				
P5Q3AA	-0.067	-0.153	-0.084	0.009
0.012				
P5Q3AL	-0.004	-0.056	-0.053	-0.042
0.016				
P5Q3AP	-0.050	-0.158	-0.121	0.036
0.047				
P5Q3BI	-0.031	-0.100	-0.067	0.027
0.046				
P5Q3BZ	0.000	-0.029	-0.109	0.131
0.044				
P5Q3CJ	-0.031	-0.050	-0.087	0.146
0.118				
P5Q3C	-0.017	-0.107	-0.087	0.050
0.015				
P5Q30	-0.076	-0.092	-0.060	-0.001
0.019				
P5Q3R	-0.040	-0.086	-0.088	0.023
-0.009				
P5Q3S	-0.068	-0.100	-0.110	-0.017
0.000				
P5Q3T	-0.081	-0.084	-0.079	0.006
0.074				
P5Q3U	-0.063	-0.101	-0.052	-0.010
-0.001				
P5Q3V	-0.101	-0.173	-0.124	-0.022
-0.018				
P5Q3AJ	-0.061	-0.053	-0.075	-0.034
-0.010				
P5Q3BC	-0.006	0.007	-0.029	0.100
0.089				
P5Q3BN	-0.017	-0.093	-0.100	0.069
0.034				
P5Q3CF	-0.068	-0.132	-0.111	0.035
0.025				
P5Q3CG	-0.039	-0.073	-0.115	0.059
0.004				
P5Q3CH	-0.039	-0.107	-0.061	0.072
0.002				
P5Q3CI	-0.027	0.000	-0.132	0.053
0.070				
P5Q3CN	-0.081	-0.083	-0.096	0.061
0.051				
P5Q3C0	-0.035	-0.057	-0.091	0.051
0.013				
P5Q3CQ	-0.050	-0.019	0.015	0.059
0.063				
P5Q3CW	0.017	-0.043	-0.082	0.096
0.017				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)				
K6D2AK_R	K6D2D_R	K6D2J_R	K6D2T_R	K6D2AC_R
K6D2J_R	0.432			
K6D2T_R	0.543	0.385		
K6D2AC_R	0.436	0.427	0.508	
K6D2AK_R	0.372	0.338	0.409	0.367
K6D2C_R	0.478	0.436	0.351	0.437
0.315 K6D2N_R	0.478	0.500	0.473	0.727
0.391 K6D2X_R	0.392	0.356	0.439	0.646
0.323 K6D2A_R	0.270	0.188	0.207	0.135
0.260 K6D2P_R	0.266	0.252	0.284	0.251
0.343 K6D2R_R	0.287	0.248	0.333	0.232
0.312 K6D2Z_R	0.229	0.235	0.248	0.176
0.294 K6D2AB_R	0.223	0.218	0.258	0.223
0.337 K6D2AJ_R	0.247	0.231	0.304	0.268
0.457 K6D61C	0.104	0.027	0.105	0.260
0.113 K6D61D	0.082	0.121	0.076	0.214
0.153 K6D61E	0.114	0.127	0.089	0.188
0.143 K6D61K	0.092	0.044	0.042	0.211
0.115 K6D61L	0.068	0.096	-0.047	0.162
0.151 K6D61M	0.101	0.176	0.110	0.249
0.209 K6D40_R	0.065	0.099	0.103	0.330
0.095 K6D48_R	0.104	0.142	0.080	0.236
0.115 K6F63_R	0.057	0.079	0.043	0.242
0.127 K6F68_R	0.255	0.150	0.142	0.292
0.232 K6F74_R	0.183	0.130	0.160	0.346
0.138				

K6D2B_R -0.203	-0.278	-0.288	-0.255	-0.523
K6D2F_R -0.119	-0.190	-0.206	-0.210	-0.407
K6D2G_R -0.027	-0.110	-0.056	-0.099	-0.215
K6D2I_R -0.159	-0.103	-0.052	-0.125	-0.201
K6D2K_R -0.149	-0.107	-0.092	-0.215	-0.263
K6D2L_R -0.180	-0.295	-0.196	-0.256	-0.428
K6D2M_R -0.149	-0.140	-0.123	-0.213	-0.239
K6D2O_R -0.151	-0.229	-0.233	-0.222	-0.324
K6D2S_R -0.224	-0.298	-0.323	-0.253	-0.621
K6D2V_R -0.173	-0.146	-0.089	-0.212	-0.261
K6D2W_R -0.159	-0.188	-0.190	-0.215	-0.346
K6D2Y_R -0.159	-0.222	-0.208	-0.191	-0.394
K6D2AA_R -0.119	-0.205	-0.236	-0.218	-0.451
K6D2AE_R -0.063	-0.089	-0.100	-0.059	-0.192
K6D2AF_R -0.102	-0.192	-0.184	-0.170	-0.292
K6D2AH_R -0.108	-0.133	-0.155	-0.130	-0.246
P5Q3M 0.101	0.096	0.057	0.124	0.034
P5Q3AB 0.000	0.081	0.017	0.105	0.086
P5Q3AD 0.065	0.061	0.047	0.048	0.027
P5Q3AF 0.031	0.056	0.022	0.058	0.121
P5Q3AH 0.138	0.128	0.102	0.148	0.193
P5Q3AR 0.125	0.111	-0.003	0.087	0.007
P5Q3AV 0.031	0.118	-0.014	0.129	0.009
P5Q3AX 0.080	0.087	-0.023	0.019	-0.010
P5Q3BQ 0.020	0.066	-0.001	0.052	0.098

P5Q3CK 0.120	0.105	-0.024	0.137	0.176
P5Q3DB 0.044	0.056	0.017	0.089	0.042
P5Q3E 0.019	0.063	0.060	0.055	0.088
P5Q3A0 0.104	0.130	0.062	0.104	0.099
P5Q3BK 0.091	0.062	0.035	0.015	0.070
P5Q3B0 0.100	0.071	0.041	0.042	0.103
P5Q3CU 0.045	0.176	0.034	0.077	0.124
P5Q3DA 0.085	0.141	0.074	0.123	0.163
P5Q3AS 0.108	0.097	0.024	0.096	0.132
P5Q3AU 0.057	0.078	0.051	0.089	0.101
P5Q3AZ 0.088	0.141	-0.040	0.016	0.052
P5Q3BB1 -0.009	0.111	0.025	0.113	0.132
P5Q3BB2 0.019	0.045	-0.019	0.010	0.047
P5Q3BB5 -0.005	0.037	0.060	0.025	0.024
P5Q3BB6 -0.034	0.069	0.028	0.056	0.057
P5Q3BB7 -0.039	0.036	-0.035	-0.017	-0.014
P5Q3X 0.046	0.076	0.021	0.073	0.090
P5Q3AA 0.070	0.072	0.054	0.044	0.049
P5Q3AL 0.064	0.024	0.002	-0.053	-0.023
P5Q3AP 0.064	0.038	0.023	0.042	0.065
P5Q3BI 0.028	0.033	0.019	0.020	0.070
P5Q3BZ 0.136	0.102	0.047	0.180	0.137
P5Q3CJ 0.056	0.067	0.035	0.047	0.185
P5Q3C 0.062	0.047	0.058	0.085	0.083
P5Q30 0.101	0.071	0.004	0.087	0.040

P5Q3R 0.071	0.093	0.018	0.072	0.098
P5Q3S 0.107	0.064	0.011	0.056	0.078
P5Q3T 0.075	0.053	0.043	0.062	0.037
P5Q3U 0.047	0.011	0.012	0.043	0.021
P5Q3V 0.080	0.046	-0.006	0.046	0.000
P5Q3AJ 0.106	0.007	-0.011	0.019	0.029
P5Q3BC 0.108	0.148	0.037	0.083	0.114
P5Q3BN 0.034	0.061	0.040	0.073	0.111
P5Q3CF 0.046	0.102	0.067	0.084	0.103
P5Q3CG 0.028	0.084	0.028	0.035	0.069
P5Q3CH 0.092	0.121	0.017	0.077	0.084
P5Q3CI 0.062	0.075	0.022	0.090	0.082
P5Q3CN 0.060	0.077	0.039	0.097	0.017
P5Q3CO 0.064	0.048	0.047	0.017	0.074
P5Q3CQ 0.087	0.117	0.003	0.120	0.111
P5Q3CW 0.084	0.092	0.015	0.059	0.052

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D2P_R	K6D2C_R	K6D2N_R	K6D2X_R	K6D2A_R
K6D2N_R	0.481			
K6D2X_R	0.447	0.610		
K6D2A_R	0.273	0.154	0.167	
K6D2P_R	0.269	0.243	0.243	0.419
K6D2R_R	0.296	0.233	0.233	0.336
K6D2Z_R	0.276	0.195	0.192	0.388
K6D2AB_R	0.210	0.184	0.169	0.340
K6D2AJ_R	0.230	0.252	0.192	0.395

0.588				
K6D61C	0.094	0.161	0.220	0.191
0.218				
K6D61D	0.080	0.121	0.154	0.207
0.268				
K6D61E	0.018	0.063	0.103	0.187
0.248				
K6D61K	0.114	0.167	0.190	0.182
0.225				
K6D61L	0.125	0.045	0.068	0.181
0.254				
K6D61M	0.113	0.206	0.165	0.104
0.277				
K6D40_R	-0.001	0.229	0.178	0.050
0.188				
K6D48_R	0.130	0.185	0.184	0.088
0.225				
K6F63_R	0.096	0.146	0.139	0.104
0.209				
K6F68_R	0.145	0.293	0.177	0.097
0.243				
K6F74_R	0.180	0.272	0.167	0.125
0.132				
K6D2B_R	-0.278	-0.495	-0.592	-0.078
-0.172				
K6D2F_R	-0.236	-0.370	-0.333	-0.054
-0.139				
K6D2G_R	-0.119	-0.197	-0.202	-0.006
-0.099				
K6D2I_R	-0.057	-0.189	-0.150	-0.025
-0.187				
K6D2K_R	-0.088	-0.246	-0.242	-0.051
-0.172				
K6D2L_R	-0.248	-0.435	-0.483	-0.052
-0.160				
K6D2M_R	-0.104	-0.256	-0.208	-0.089
-0.175				
K6D20_R	-0.263	-0.332	-0.387	-0.092
-0.042				
K6D2S_R	-0.343	-0.591	-0.550	-0.051
-0.144				
K6D2V_R	-0.177	-0.266	-0.305	-0.080
-0.233				
K6D2W_R	-0.197	-0.350	-0.378	-0.081
-0.127				
K6D2Y_R	-0.256	-0.354	-0.362	-0.073
-0.174				
K6D2AA_R	-0.241	-0.411	-0.402	-0.041
-0.092				
K6D2AE_R	-0.124	-0.213	-0.193	0.039

-0.031				
K6D2AF_R	-0.203	-0.289	-0.373	-0.038
-0.074				
K6D2AH_R	-0.182	-0.221	-0.246	-0.025
-0.087				
P5Q3M	0.052	0.070	0.045	0.048
0.034				
P5Q3AB	-0.005	0.030	0.029	0.028
0.005				
P5Q3AD	0.015	0.051	-0.030	0.031
-0.028				
P5Q3AF	0.028	0.086	0.043	0.064
0.073				
P5Q3AH	0.087	0.188	0.112	0.047
0.069				
P5Q3AR	0.072	-0.001	0.077	0.046
0.088				
P5Q3AV	0.064	-0.022	0.021	-0.021
0.087				
P5Q3AX	-0.033	-0.008	0.020	0.003
0.005				
P5Q3BQ	0.031	0.078	-0.012	0.017
0.033				
P5Q3CK	0.058	0.101	0.187	0.157
0.122				
P5Q3DB	0.008	0.082	0.043	-0.046
-0.007				
P5Q3E	0.072	0.092	0.144	0.107
0.039				
P5Q3A0	0.064	0.134	0.058	0.007
0.044				
P5Q3BK	0.028	0.077	0.118	0.029
0.034				
P5Q3B0	0.067	0.106	0.135	0.100
0.103				
P5Q3CU	0.055	0.025	0.056	0.051
0.115				
P5Q3DA	0.085	0.159	0.160	0.078
0.056				
P5Q3AS	0.034	0.048	0.089	-0.008
0.011				
P5Q3AU	0.006	0.086	0.089	0.027
0.104				
P5Q3AZ	0.097	0.055	0.095	0.078
0.054				
P5Q3BB1	0.054	0.075	0.120	-0.059
0.021				
P5Q3BB2	0.021	0.024	0.019	-0.004
0.035				
P5Q3BB5	0.023	0.046	0.070	-0.044

-0.023				
P5Q3BB6	0.055	0.046	0.063	-0.054
0.018				
P5Q3BB7	-0.039	-0.050	0.058	-0.056
-0.070				
P5Q3X	0.116	0.042	0.134	0.118
0.108				
P5Q3AA	0.036	0.027	0.050	0.079
0.136				
P5Q3AL	-0.052	-0.040	0.038	0.090
0.096				
P5Q3AP	0.062	0.042	0.046	0.059
0.128				
P5Q3BI	-0.002	0.043	0.029	0.031
0.055				
P5Q3BZ	0.113	0.113	0.134	0.031
0.105				
P5Q3CJ	0.072	0.071	0.048	-0.011
0.025				
P5Q3C	0.000	0.095	0.035	0.021
0.081				
P5Q30	0.035	0.014	0.088	0.118
0.165				
P5Q3R	0.074	0.090	0.104	0.069
0.045				
P5Q3S	0.057	0.105	0.061	0.171
0.127				
P5Q3T	0.048	0.062	0.070	0.114
0.131				
P5Q3U	-0.011	0.033	0.002	0.031
0.070				
P5Q3V	0.007	0.011	0.048	0.086
0.088				
P5Q3AJ	-0.021	-0.026	0.078	0.087
0.077				
P5Q3BC	0.113	0.056	0.098	0.112
0.133				
P5Q3BN	0.048	0.097	0.039	0.066
0.104				
P5Q3CF	0.067	0.085	0.094	0.064
0.089				
P5Q3CG	0.063	0.073	0.033	0.043
0.037				
P5Q3CH	0.018	0.120	0.033	-0.019
0.041				
P5Q3CI	0.038	0.082	0.163	0.008
0.059				
P5Q3CN	0.094	0.048	0.043	0.076
0.110				
P5Q3C0	0.054	0.054	0.019	0.043

0.073				
P5Q3CQ	0.053	0.060	0.132	0.087
0.053				
P5Q3CW	0.031	0.055	0.044	0.017
0.094				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)				
K6D61C	K6D2R_R	K6D2Z_R	K6D2AB_R	K6D2AJ_R
K6D2Z_R	0.421			
K6D2AB_R	0.320	0.428		
K6D2AJ_R	0.428	0.431	0.513	
K6D61C	0.073	0.136	0.207	0.277
K6D61D	0.095	0.189	0.272	0.347
0.419				
K6D61E	-0.003	0.180	0.231	0.310
0.356				
K6D61K	0.051	0.090	0.210	0.268
0.908				
K6D61L	0.082	0.129	0.226	0.319
0.431				
K6D61M	0.138	0.140	0.267	0.348
0.360				
K6D40_R	0.060	0.060	0.163	0.244
0.586				
K6D48_R	0.061	0.081	0.180	0.228
0.472				
K6F63_R	0.068	0.112	0.197	0.237
0.555				
K6F68_R	0.083	0.092	0.178	0.282
0.506				
K6F74_R	0.107	0.028	0.186	0.259
0.453				
K6D2B_R	-0.148	-0.110	-0.081	-0.169
-0.213				
K6D2F_R	-0.087	-0.053	-0.069	-0.150
-0.175				
K6D2G_R	-0.033	-0.002	-0.041	-0.068
-0.031				
K6D2I_R	-0.053	-0.067	-0.120	-0.250
-0.249				
K6D2K_R	-0.125	-0.076	-0.069	-0.180
-0.203				
K6D2L_R	-0.031	-0.013	-0.018	-0.117
-0.114				
K6D2M_R	-0.086	-0.107	-0.073	-0.191
-0.201				

K6D20_R -0.180	-0.066	-0.048	-0.046	-0.094
K6D2S_R -0.219	-0.129	-0.084	-0.087	-0.161
K6D2V_R -0.156	-0.132	-0.112	-0.117	-0.238
K6D2W_R -0.169	-0.065	-0.023	-0.080	-0.145
K6D2Y_R -0.021	-0.029	0.005	-0.063	-0.152
K6D2AA_R -0.128	-0.072	-0.001	-0.001	-0.073
K6D2AE_R -0.114	0.017	0.066	0.070	-0.060
K6D2AF_R -0.063	0.010	0.020	-0.019	-0.099
K6D2AH_R -0.110	-0.053	-0.060	-0.056	-0.086
P5Q3M -0.016	0.055	0.086	0.035	0.042
P5Q3AB -0.071	0.007	-0.013	0.001	0.020
P5Q3AD 0.058	-0.026	0.022	-0.025	-0.007
P5Q3AF 0.072	0.027	0.051	0.038	0.086
P5Q3AH 0.076	0.072	0.088	0.068	0.084
P5Q3AR -0.031	0.025	0.071	0.077	0.037
P5Q3AV -0.005	0.034	0.026	0.044	0.051
P5Q3AX 0.017	-0.025	0.028	-0.062	0.011
P5Q3BQ -0.083	0.032	-0.033	-0.019	0.023
P5Q3CK -0.118	0.011	0.145	0.035	0.167
P5Q3DB 0.052	0.022	0.020	-0.018	-0.010
P5Q3E -0.058	0.061	0.072	0.092	0.019
P5Q3A0 -0.099	0.065	0.027	0.020	0.033
P5Q3BK -0.039	0.037	0.027	0.026	0.032
P5Q3B0 0.081	0.074	0.045	0.042	0.110
P5Q3CU 0.083	0.060	0.096	0.028	0.053

P5Q3DA 0.037	0.051	0.075	0.047	0.116
P5Q3AS 0.001	0.016	0.024	0.004	0.054
P5Q3AU 0.032	-0.024	0.069	0.024	0.028
P5Q3AZ -0.073	0.063	0.086	0.070	0.038
P5Q3BB1 0.020	0.002	0.055	0.004	-0.006
P5Q3BB2 -0.040	0.011	0.020	0.022	0.043
P5Q3BB5 0.041	-0.064	-0.027	-0.035	-0.016
P5Q3BB6 -0.123	-0.034	-0.001	-0.012	0.014
P5Q3BB7 -0.010	-0.064	-0.077	-0.096	-0.014
P5Q3X 0.154	0.072	0.034	0.112	0.135
P5Q3AA 0.169	0.038	0.039	0.111	0.160
P5Q3AL 0.182	0.044	0.094	0.079	0.129
P5Q3AP 0.175	0.080	0.089	0.093	0.144
P5Q3BI 0.019	0.019	0.022	0.095	0.084
P5Q3BZ 0.138	-0.012	0.114	0.157	0.224
P5Q3CJ 0.161	0.012	0.035	0.054	0.078
P5Q3C 0.096	0.041	0.044	0.065	0.119
P5Q30 0.153	0.062	0.123	0.144	0.148
P5Q3R 0.051	0.029	0.062	0.057	0.090
P5Q3S 0.136	0.100	0.160	0.075	0.144
P5Q3T 0.124	0.056	0.087	0.122	0.130
P5Q3U 0.128	0.000	0.046	0.062	0.098
P5Q3V 0.107	-0.049	0.055	0.093	0.142
P5Q3AJ 0.208	0.013	0.098	0.146	0.094
P5Q3BC 0.221	0.046	0.131	0.160	0.158

P5Q3BN 0.117	0.063	0.113	0.093	0.078
P5Q3CF 0.140	0.076	0.100	0.040	0.106
P5Q3CG 0.029	0.045	0.041	0.018	0.075
P5Q3CH 0.103	-0.002	0.028	0.012	0.035
P5Q3CI 0.021	0.029	0.055	0.035	0.056
P5Q3CN 0.095	0.076	0.109	0.097	0.093
P5Q3CO 0.167	0.019	0.041	0.079	0.114
P5Q3CQ 0.199	-0.021	0.063	0.139	0.102
P5Q3CW 0.096	0.034	0.047	0.073	0.073

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D61D	K6D61E	K6D61K	K6D61L
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K6D61M				
K6D61E	0.755			
K6D61K	0.440	0.379		
K6D61L	0.667	0.582	0.439	
K6D61M	0.371	0.314	0.379	0.353
K6D40_R 0.271	0.407	0.348	0.559	0.314
K6D48_R 0.310	0.378	0.322	0.498	0.350
K6F63_R 0.291	0.395	0.387	0.585	0.461
K6F68_R 0.271	0.322	0.275	0.549	0.486
K6F74_R 0.303	0.234	0.191	0.472	0.296
K6D2B_R -0.170	-0.115	-0.070	-0.211	-0.096
K6D2F_R -0.146	-0.114	-0.178	-0.200	-0.092
K6D2G_R -0.026	-0.043	-0.022	-0.075	-0.015
K6D2I_R -0.242	-0.102	-0.058	-0.253	-0.104
K6D2K_R -0.168	0.040	0.044	-0.159	0.053
K6D2L_R	-0.133	-0.081	-0.145	-0.095

-0.082				
K6D2M_R	-0.011	-0.040	-0.166	-0.018
-0.174				
K6D20_R	-0.085	-0.088	-0.183	-0.075
-0.123				
K6D2S_R	-0.183	-0.180	-0.250	-0.110
-0.213				
K6D2V_R	-0.058	-0.088	-0.166	-0.074
-0.165				
K6D2W_R	-0.064	-0.096	-0.200	-0.042
-0.182				
K6D2Y_R	-0.143	-0.127	-0.124	-0.105
-0.212				
K6D2AA_R	-0.074	-0.096	-0.131	-0.094
-0.102				
K6D2AE_R	0.000	0.002	-0.162	0.028
-0.127				
K6D2AF_R	-0.114	-0.074	-0.081	-0.029
-0.105				
K6D2AH_R	-0.102	-0.058	-0.120	-0.062
-0.100				
P5Q3M	-0.019	0.040	-0.005	-0.070
-0.019				
P5Q3AB	-0.029	0.024	-0.111	-0.039
0.002				
P5Q3AD	-0.073	0.003	-0.054	-0.092
-0.017				
P5Q3AF	-0.022	0.080	0.006	0.049
0.048				
P5Q3AH	-0.041	0.145	0.009	0.017
0.056				
P5Q3AR	-0.016	0.072	-0.034	-0.057
0.023				
P5Q3AV	-0.004	0.056	-0.069	-0.046
-0.019				
P5Q3AX	-0.118	-0.014	-0.024	-0.043
0.049				
P5Q3BQ	-0.040	0.036	-0.052	0.017
0.021				
P5Q3CK	-0.017	0.132	-0.135	-0.132
0.030				
P5Q3DB	-0.076	0.007	-0.010	-0.129
-0.011				
P5Q3E	0.014	0.015	-0.089	-0.031
-0.040				
P5Q3A0	-0.113	-0.017	-0.163	-0.110
0.004				
P5Q3BK	-0.083	-0.101	-0.057	-0.052
0.001				
P5Q3B0	0.065	0.093	0.070	0.025

0.050				
P5Q3CU	0.009	0.018	0.000	-0.053
0.009				
P5Q3DA	-0.002	-0.023	0.013	-0.068
0.057				
P5Q3AS	-0.018	0.049	-0.043	-0.045
-0.010				
P5Q3AU	-0.157	-0.174	0.038	-0.139
0.023				
P5Q3AZ	-0.118	-0.007	-0.135	-0.093
-0.007				
P5Q3BB1	-0.061	-0.001	-0.010	-0.161
0.006				
P5Q3BB2	-0.063	0.005	-0.086	-0.063
-0.009				
P5Q3BB5	-0.014	0.055	0.003	-0.025
-0.019				
P5Q3BB6	-0.043	0.068	-0.090	-0.067
0.033				
P5Q3BB7	-0.021	0.034	-0.008	-0.128
0.019				
P5Q3X	0.098	0.143	0.092	0.118
0.022				
P5Q3AA	0.180	0.232	0.158	0.158
0.032				
P5Q3AL	0.075	0.145	0.137	0.128
-0.018				
P5Q3AP	0.133	0.172	0.166	0.080
0.001				
P5Q3BI	0.045	0.114	0.046	0.039
0.040				
P5Q3BZ	0.086	0.182	0.100	0.064
0.013				
P5Q3CJ	0.012	0.040	0.081	0.027
0.053				
P5Q3C	0.027	0.050	0.045	0.011
0.036				
P5Q30	0.103	0.189	0.138	0.096
0.045				
P5Q3R	0.090	0.157	0.041	0.097
0.036				
P5Q3S	0.069	0.174	0.067	0.068
-0.006				
P5Q3T	0.074	0.180	0.080	0.018
-0.030				
P5Q3U	0.047	0.110	0.103	0.019
-0.002				
P5Q3V	0.153	0.203	0.107	0.115
-0.014				
P5Q3AJ	0.222	0.228	0.086	0.215

0.122				
P5Q3BC	0.118	0.174	0.135	0.131
0.073				
P5Q3BN	0.073	0.105	0.122	0.046
0.063				
P5Q3CF	0.046	0.116	0.080	0.001
0.037				
P5Q3CG	0.009	0.072	-0.017	-0.003
0.028				
P5Q3CH	-0.060	0.045	0.065	-0.036
0.034				
P5Q3CI	0.020	0.052	0.049	0.014
0.051				
P5Q3CN	0.051	0.107	0.079	0.130
0.104				
P5Q3CO	0.110	0.139	0.149	0.097
0.101				
P5Q3CQ	0.159	0.184	0.198	0.138
0.067				
P5Q3CW	0.060	0.040	0.030	0.059
0.064				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D40_R	K6D48_R	K6F63_R	K6F68_R
K6F74_R				
K6D48_R	0.667			
K6F63_R	0.704	0.710		
K6F68_R	0.663	0.635	0.670	
K6F74_R	0.697	0.640	0.538	0.757
K6D2B_R	-0.181	-0.154	-0.137	-0.210
-0.278				
K6D2F_R	-0.163	-0.128	-0.143	-0.210
-0.253				
K6D2G_R	-0.056	-0.059	-0.067	-0.038
-0.097				
K6D2I_R	-0.297	-0.163	-0.144	-0.301
-0.334				
K6D2K_R	-0.190	-0.078	-0.054	-0.118
-0.121				
K6D2L_R	-0.190	-0.148	-0.129	-0.202
-0.210				
K6D2M_R	-0.266	-0.125	-0.167	-0.283
-0.244				
K6D2O_R	-0.108	-0.087	-0.108	0.011
-0.140				
K6D2S_R	-0.248	-0.207	-0.228	-0.330
-0.321				

K6D2V_R	-0.077	-0.045	-0.094	-0.072
-0.183				
K6D2W_R	-0.168	-0.119	-0.078	-0.142
-0.239				
K6D2Y_R	-0.106	-0.121	-0.112	-0.179
-0.141				
K6D2AA_R	-0.176	-0.086	-0.144	-0.150
-0.152				
K6D2AE_R	-0.105	-0.082	-0.102	-0.103
-0.150				
K6D2AF_R	-0.078	-0.047	-0.023	-0.120
-0.077				
K6D2AH_R	-0.159	-0.076	-0.090	-0.066
-0.119				
P5Q3M	-0.069	-0.097	-0.013	-0.021
-0.007				
P5Q3AB	-0.042	-0.072	-0.054	-0.120
-0.006				
P5Q3AD	-0.011	-0.058	-0.079	-0.090
-0.029				
P5Q3AF	0.153	0.048	0.050	0.217
0.064				
P5Q3AH	0.075	-0.043	-0.044	0.225
0.238				
P5Q3AR	-0.082	-0.064	-0.035	-0.224
-0.001				
P5Q3AV	-0.111	-0.014	-0.036	0.039
0.099				
P5Q3AX	-0.025	-0.030	-0.069	0.054
0.124				
P5Q3BQ	0.040	-0.032	-0.047	-0.009
0.140				
P5Q3CK	0.031	-0.104	0.007	-0.994
-0.042				
P5Q3DB	0.086	0.031	0.005	0.085
0.107				
P5Q3E	0.072	-0.015	0.018	-0.044
-0.056				
P5Q3A0	-0.043	-0.093	-0.041	-0.012
0.047				
P5Q3BK	0.005	-0.028	-0.001	0.270
0.114				
P5Q3B0	0.164	0.045	0.060	0.148
0.210				
P5Q3CU	-0.040	-0.017	-0.015	-0.088
0.057				
P5Q3DA	0.075	0.025	0.031	0.068
0.218				
P5Q3AS	0.090	0.026	-0.009	0.093
0.030				

P5Q3AU 0.130	0.050	-0.038	-0.020	0.122
P5Q3AZ -0.183	-0.032	-0.003	0.023	-0.029
P5Q3BB1 0.115	-0.043	-0.087	-0.071	-0.021
P5Q3BB2 0.102	0.063	-0.017	0.017	0.070
P5Q3BB5 0.116	0.086	-0.028	0.023	0.140
P5Q3BB6 0.034	0.022	-0.058	-0.055	0.024
P5Q3BB7 -0.023	0.078	-0.057	-0.158	-0.104
P5Q3X 0.178	0.152	0.028	0.054	0.059
P5Q3AA 0.085	0.177	0.043	0.119	0.130
P5Q3AL -0.083	0.179	0.041	0.096	0.177
P5Q3AP 0.286	0.218	-0.042	0.058	0.015
P5Q3BI 0.137	0.147	0.033	0.103	0.142
P5Q3BZ 0.097	0.276	0.028	0.076	-0.066
P5Q3CJ 0.266	0.232	0.169	0.068	0.317
P5Q3C 0.278	0.224	0.075	0.055	0.137
P5Q30 0.184	0.137	0.014	0.062	0.124
P5Q3R 0.096	0.102	0.037	0.055	0.057
P5Q3S 0.138	0.140	0.046	0.104	0.130
P5Q3T 0.066	0.132	0.008	0.065	0.106
P5Q3U 0.185	0.161	-0.002	0.077	0.191
P5Q3V 0.024	0.121	-0.028	0.109	0.070
P5Q3AJ 0.111	0.180	0.071	0.074	-0.035
P5Q3BC 0.167	0.233	0.124	0.112	-0.015
P5Q3BN 0.112	0.194	0.094	0.122	0.137
P5Q3CF 0.238	0.117	-0.023	0.081	0.091

P5Q3CG 0.115	0.145	-0.015	0.033	0.087
P5Q3CH 0.300	0.139	0.064	0.066	0.132
P5Q3CI 0.003	0.009	0.029	-0.038	0.049
P5Q3CN 0.091	0.083	0.032	0.084	0.123
P5Q3C0 0.265	0.240	0.080	0.117	0.124
P5Q3CQ 0.099	0.247	0.031	0.098	0.084
P5Q3CW -0.015	0.065	0.066	0.055	0.005

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D2K_R	K6D2B_R	K6D2F_R	K6D2G_R	K6D2I_R
K6D2F_R	0.527			
K6D2G_R	0.333	0.410		
K6D2I_R	0.265	0.260	0.174	
K6D2K_R	0.310	0.318	0.206	0.459
K6D2L_R 0.314	0.537	0.419	0.402	0.299
K6D2M_R 0.618	0.316	0.363	0.198	0.463
K6D2O_R 0.256	0.428	0.366	0.229	0.244
K6D2S_R 0.348	0.690	0.612	0.340	0.354
K6D2V_R 0.478	0.338	0.375	0.216	0.470
K6D2W_R 0.428	0.425	0.420	0.249	0.337
K6D2Y_R 0.277	0.413	0.369	0.346	0.260
K6D2AA_R 0.329	0.527	0.505	0.404	0.287
K6D2AE_R 0.309	0.315	0.317	0.237	0.268
K6D2AF_R 0.271	0.380	0.388	0.423	0.229
K6D2AH_R 0.255	0.304	0.330	0.198	0.256
P5Q3M -0.035	-0.063	-0.057	0.055	-0.033
P5Q3AB	-0.009	0.041	0.035	0.014

-0.041				
P5Q3AD	0.028	-0.031	-0.069	-0.027
-0.056				
P5Q3AF	-0.054	-0.087	-0.047	-0.047
-0.094				
P5Q3AH	-0.061	-0.066	-0.037	-0.061
-0.104				
P5Q3AR	-0.004	0.014	-0.064	-0.041
0.004				
P5Q3AV	0.015	0.022	-0.045	-0.044
-0.005				
P5Q3AX	0.029	-0.043	-0.008	-0.005
0.026				
P5Q3BQ	-0.027	-0.067	0.041	-0.091
-0.073				
P5Q3CK	-0.176	-0.184	-0.010	0.021
-0.031				
P5Q3DB	-0.036	-0.042	0.037	-0.032
-0.028				
P5Q3E	-0.010	-0.015	-0.059	0.069
0.019				
P5Q3A0	-0.006	-0.073	-0.063	-0.002
-0.035				
P5Q3BK	0.009	-0.038	-0.064	0.028
0.005				
P5Q3B0	-0.069	-0.110	-0.059	-0.084
-0.071				
P5Q3CU	-0.075	-0.059	0.016	-0.042
-0.093				
P5Q3DA	-0.059	-0.104	-0.051	-0.040
-0.059				
P5Q3AS	-0.075	-0.068	0.026	-0.021
-0.085				
P5Q3AU	-0.051	-0.040	-0.066	-0.023
-0.068				
P5Q3AZ	-0.066	-0.061	-0.050	0.055
-0.024				
P5Q3BB1	-0.074	-0.058	-0.047	-0.038
-0.100				
P5Q3BB2	0.005	-0.022	0.011	0.017
-0.015				
P5Q3BB5	-0.067	-0.076	-0.048	-0.016
-0.034				
P5Q3BB6	-0.105	-0.047	-0.043	-0.036
-0.049				
P5Q3BB7	-0.005	-0.086	-0.065	-0.019
-0.059				
P5Q3X	-0.100	-0.054	-0.018	-0.019
-0.009				
P5Q3AA	-0.037	-0.013	0.047	-0.053

-0.024				
P5Q3AL	0.026	0.026	0.027	-0.071
-0.008				
P5Q3AP	-0.061	-0.017	0.006	-0.051
-0.057				
P5Q3BI	-0.007	-0.020	0.010	0.013
-0.005				
P5Q3BZ	-0.070	-0.067	-0.054	-0.024
0.041				
P5Q3CJ	-0.074	0.008	-0.001	-0.025
-0.071				
P5Q3C	-0.075	-0.081	-0.037	-0.069
-0.061				
P5Q30	-0.074	-0.094	-0.060	-0.095
-0.120				
P5Q3R	-0.037	-0.043	0.013	-0.013
-0.045				
P5Q3S	-0.103	-0.029	-0.041	-0.040
-0.100				
P5Q3T	-0.095	-0.026	-0.054	-0.047
-0.112				
P5Q3U	-0.028	-0.034	0.012	-0.074
-0.066				
P5Q3V	-0.027	-0.052	-0.042	-0.046
-0.008				
P5Q3AJ	0.009	0.051	-0.067	-0.023
0.043				
P5Q3BC	-0.008	-0.031	0.023	-0.034
0.005				
P5Q3BN	-0.063	-0.018	-0.007	0.004
-0.037				
P5Q3CF	-0.069	-0.093	-0.047	-0.024
-0.044				
P5Q3CG	-0.060	-0.071	-0.009	-0.015
-0.041				
P5Q3CH	-0.056	-0.107	0.040	-0.104
-0.076				
P5Q3CI	-0.030	-0.029	-0.015	0.001
-0.002				
P5Q3CN	-0.052	-0.059	-0.040	0.001
-0.031				
P5Q3C0	-0.024	-0.070	-0.049	-0.055
-0.058				
P5Q3CQ	-0.055	-0.030	-0.011	0.009
0.011				
P5Q3CW	-0.011	0.038	0.017	0.044
-0.023				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D2V_R	K6D2L_R	K6D2M_R	K6D2O_R	K6D2S_R
K6D2M_R	0.311			
K6D2O_R	0.353	0.297		
K6D2S_R	0.584	0.359	0.473	
K6D2V_R	0.353	0.479	0.335	0.397
K6D2W_R	0.408	0.400	0.442	0.514
0.456				
K6D2Y_R	0.569	0.298	0.339	0.520
0.296				
K6D2AA_R	0.523	0.328	0.384	0.634
0.365				
K6D2AE_R	0.303	0.309	0.324	0.402
0.312				
K6D2AF_R	0.550	0.267	0.384	0.444
0.337				
K6D2AH_R	0.326	0.249	0.325	0.383
0.338				
P5Q3M	-0.013	-0.025	-0.051	0.001
-0.084				
P5Q3AB	-0.011	-0.011	-0.038	0.006
-0.019				
P5Q3AD	-0.015	-0.031	0.007	-0.023
-0.024				
P5Q3AF	-0.122	-0.154	-0.015	-0.016
-0.060				
P5Q3AH	-0.097	-0.056	0.002	-0.052
-0.133				
P5Q3AR	0.031	-0.032	-0.028	0.037
-0.036				
P5Q3AV	0.033	-0.055	-0.035	0.075
-0.014				
P5Q3AX	-0.037	-0.001	0.000	0.051
0.009				
P5Q3BQ	-0.026	-0.076	0.005	-0.036
-0.060				
P5Q3CK	-0.070	0.022	0.034	-0.012
-0.013				
P5Q3DB	0.004	-0.045	-0.023	-0.014
0.041				
P5Q3E	-0.039	0.002	-0.031	-0.036
-0.051				
P5Q3A0	-0.046	-0.048	-0.106	-0.049
-0.078				
P5Q3BK	-0.034	-0.002	0.010	0.028
-0.034				
P5Q3B0	-0.064	-0.069	-0.039	-0.110
-0.078				

P5Q3CU	-0.150	-0.062	-0.027	0.047
-0.120				
P5Q3DA	-0.025	-0.057	-0.070	-0.044
-0.055				
P5Q3AS	0.035	-0.026	-0.055	-0.061
-0.068				
P5Q3AU	-0.093	0.014	-0.017	0.002
-0.028				
P5Q3AZ	-0.072	0.010	-0.024	0.076
0.025				
P5Q3BB1	-0.035	-0.114	-0.049	-0.044
-0.013				
P5Q3BB2	-0.005	-0.017	0.027	-0.013
0.024				
P5Q3BB5	-0.054	-0.093	-0.049	-0.005
0.012				
P5Q3BB6	-0.014	-0.046	-0.001	0.000
-0.098				
P5Q3BB7	0.023	0.026	0.055	0.064
-0.012				
P5Q3X	-0.005	-0.007	-0.027	-0.054
-0.045				
P5Q3AA	0.007	-0.011	-0.030	0.008
-0.007				
P5Q3AL	0.026	-0.059	-0.023	-0.024
0.020				
P5Q3AP	-0.018	-0.062	-0.030	-0.031
-0.070				
P5Q3BI	0.042	-0.029	-0.010	-0.018
-0.006				
P5Q3BZ	-0.050	0.017	0.071	0.017
0.040				
P5Q3CJ	-0.085	-0.033	0.022	-0.034
-0.012				
P5Q3C	-0.025	-0.085	-0.013	-0.050
-0.072				
P5Q30	-0.035	-0.089	0.000	-0.044
-0.075				
P5Q3R	0.009	-0.042	-0.002	0.000
-0.049				
P5Q3S	0.039	-0.009	-0.011	-0.020
-0.071				
P5Q3T	-0.015	-0.005	-0.012	-0.004
-0.101				
P5Q3U	0.021	-0.052	-0.013	-0.022
-0.074				
P5Q3V	0.028	-0.036	-0.011	-0.015
-0.046				
P5Q3AJ	-0.058	0.031	-0.048	0.020
0.023				

P5Q3BC 0.019	-0.067	0.011	0.011	0.004
P5Q3BN 0.041	-0.043	-0.018	-0.043	-0.027
P5Q3CF -0.044	-0.035	-0.004	-0.029	-0.028
P5Q3CG -0.035	-0.049	-0.043	-0.036	-0.059
P5Q3CH -0.118	-0.051	-0.069	-0.035	-0.075
P5Q3CI -0.037	-0.168	0.012	-0.044	0.010
P5Q3CN -0.092	-0.017	-0.016	-0.030	-0.026
P5Q3C0 -0.050	0.011	-0.035	-0.060	-0.029
P5Q3CQ 0.016	-0.104	0.062	-0.012	-0.028
P5Q3CW -0.056	0.053	0.001	-0.017	0.028

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R
K6D2AF_R				
K6D2Y_R	0.455			
K6D2AA_R	0.462	0.461		
K6D2AE_R	0.434	0.336	0.359	
K6D2AF_R	0.444	0.561	0.468	0.375
K6D2AH_R	0.324	0.323	0.328	0.265
0.388				
P5Q3M -0.014	-0.011	0.009	0.008	-0.038
P5Q3AB 0.006	-0.026	0.003	0.012	0.010
P5Q3AD -0.062	-0.005	-0.035	-0.081	0.025
P5Q3AF -0.056	-0.003	-0.073	-0.048	0.017
P5Q3AH -0.053	-0.102	-0.010	-0.049	-0.026
P5Q3AR -0.043	-0.010	-0.012	0.017	0.073
P5Q3AV -0.065	0.014	0.013	0.022	0.016
P5Q3AX 0.043	0.008	-0.025	-0.001	0.038
P5Q3BQ	-0.039	-0.055	-0.059	-0.020

0.000				
P5Q3CK	0.033	0.052	0.018	-0.055
-0.004				
P5Q3DB	-0.001	0.022	0.006	0.004
-0.007				
P5Q3E	0.017	0.007	-0.061	0.017
0.052				
P5Q3A0	-0.062	0.000	-0.116	-0.068
-0.049				
P5Q3BK	-0.015	-0.065	-0.021	-0.036
-0.021				
P5Q3B0	-0.100	-0.015	-0.082	-0.080
-0.044				
P5Q3CU	0.008	0.017	-0.013	0.001
-0.016				
P5Q3DA	-0.004	-0.041	-0.031	-0.002
-0.056				
P5Q3AS	-0.142	-0.060	-0.091	-0.022
0.029				
P5Q3AU	-0.115	0.048	-0.034	-0.011
-0.060				
P5Q3AZ	0.113	0.007	0.012	0.005
0.016				
P5Q3BB1	-0.007	0.010	-0.056	0.007
-0.047				
P5Q3BB2	0.009	-0.033	-0.036	-0.005
0.040				
P5Q3BB5	-0.035	-0.103	-0.128	0.005
-0.048				
P5Q3BB6	0.012	-0.050	-0.081	0.009
-0.022				
P5Q3BB7	0.046	-0.025	-0.059	0.027
0.107				
P5Q3X	-0.041	0.026	0.013	0.000
-0.018				
P5Q3AA	-0.015	0.042	0.066	-0.002
-0.016				
P5Q3AL	-0.005	-0.005	-0.025	0.032
-0.002				
P5Q3AP	-0.026	-0.010	0.010	-0.039
-0.032				
P5Q3BI	-0.021	0.005	-0.016	-0.007
-0.033				
P5Q3BZ	0.026	-0.033	-0.018	0.057
-0.121				
P5Q3CJ	0.023	0.024	-0.002	-0.051
-0.100				
P5Q3C	-0.055	-0.006	-0.020	-0.029
-0.005				
P5Q30	-0.074	-0.011	-0.006	-0.054

-0.026				
P5Q3R	-0.021	-0.015	-0.003	0.005
0.025				
P5Q3S	-0.046	0.007	-0.012	-0.006
0.050				
P5Q3T	-0.037	0.021	-0.009	-0.043
-0.052				
P5Q3U	-0.043	0.044	0.045	-0.003
0.013				
P5Q3V	-0.043	0.026	0.010	0.028
-0.061				
P5Q3AJ	-0.044	-0.057	0.011	0.037
-0.089				
P5Q3BC	-0.073	0.005	-0.019	-0.002
-0.059				
P5Q3BN	0.009	0.000	-0.039	0.000
-0.004				
P5Q3CF	-0.014	-0.003	-0.026	0.016
-0.017				
P5Q3CG	-0.037	-0.027	-0.012	-0.016
-0.005				
P5Q3CH	-0.046	-0.019	-0.069	-0.014
-0.007				
P5Q3CI	0.009	0.048	-0.023	0.006
-0.043				
P5Q3CN	0.037	0.042	0.048	0.006
0.002				
P5Q3C0	-0.035	0.008	0.011	-0.039
-0.013				
P5Q3CQ	0.038	0.034	-0.072	0.059
-0.067				
P5Q3CW	-0.006	0.022	0.059	0.009
0.023				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD
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P5Q3AF				
P5Q3M	-0.028			
P5Q3AB	-0.002	0.213		
P5Q3AD	-0.030	0.250	0.353	
P5Q3AF	-0.093	0.469	0.295	0.396
P5Q3AH	-0.077	0.415	0.360	0.529
0.695				
P5Q3AR	-0.009	0.261	0.253	0.300
0.330				
P5Q3AV	-0.013	0.381	0.506	0.477
0.450				

P5Q3AX 0.535	0.058	0.372	0.356	0.569
P5Q3BQ 0.355	-0.033	0.278	0.358	0.344
P5Q3CK 0.655	-0.145	0.527	0.282	0.469
P5Q3DB 0.382	-0.003	0.299	0.305	0.360
P5Q3E 0.361	-0.075	0.316	0.170	0.374
P5Q3A0 0.324	-0.024	0.295	0.194	0.322
P5Q3BK 0.272	-0.021	0.346	0.249	0.344
P5Q3B0 0.243	-0.027	0.255	0.246	0.351
P5Q3CU 0.349	0.050	0.373	0.258	0.300
P5Q3DA 0.394	-0.038	0.375	0.241	0.380
P5Q3AS 0.374	-0.011	0.256	0.302	0.350
P5Q3AU 0.256	0.033	0.215	0.211	0.240
P5Q3AZ 0.434	0.003	0.395	0.263	0.408
P5Q3BB1 0.368	-0.036	0.306	0.203	0.287
P5Q3BB2 0.283	-0.028	0.211	0.179	0.197
P5Q3BB5 0.261	-0.008	0.167	0.110	0.157
P5Q3BB6 0.331	-0.064	0.291	0.174	0.254
P5Q3BB7 0.293	-0.035	0.275	0.202	0.263
P5Q3X 0.302	-0.019	0.273	0.140	0.326
P5Q3AA 0.302	-0.062	0.333	0.251	0.184
P5Q3AL 0.343	-0.031	0.243	0.102	0.340
P5Q3AP 0.315	-0.072	0.355	0.221	0.299
P5Q3BI 0.248	-0.003	0.111	0.155	0.260
P5Q3BZ 0.432	-0.031	0.344	0.224	0.363
P5Q3CJ 0.362	-0.044	0.300	0.268	0.322

P5Q3C 0.397	-0.035	0.358	0.168	0.177
P5Q30 0.407	-0.074	0.451	0.140	0.312
P5Q3R 0.445	-0.009	0.475	0.287	0.302
P5Q3S 0.399	-0.041	0.441	0.188	0.328
P5Q3T 0.361	-0.049	0.425	0.159	0.315
P5Q3U 0.363	-0.028	0.374	0.247	0.253
P5Q3V 0.290	0.000	0.276	0.185	0.253
P5Q3AJ 0.396	-0.047	0.312	0.135	0.350
P5Q3BC 0.378	-0.037	0.340	0.209	0.368
P5Q3BN 0.486	-0.036	0.495	0.206	0.325
P5Q3CF 0.376	-0.045	0.347	0.298	0.218
P5Q3CG 0.448	-0.051	0.423	0.258	0.280
P5Q3CH 0.417	-0.065	0.460	0.271	0.320
P5Q3CI 0.369	0.033	0.292	0.323	0.360
P5Q3CN 0.286	-0.006	0.288	0.132	0.257
P5Q3C0 0.443	-0.047	0.383	0.229	0.226
P5Q3CQ 0.474	-0.019	0.364	0.291	0.446
P5Q3CW 0.324	-0.060	0.256	0.190	0.227

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3AH	P5Q3AR	P5Q3AV	P5Q3AX
P5Q3BQ				
P5Q3AR	0.441			
P5Q3AV	0.572	0.538		
P5Q3AX	0.679	0.454	0.651	
P5Q3BQ	0.408	0.322	0.486	0.477
P5Q3CK	0.631	0.417	0.467	0.613
0.399				
P5Q3DB	0.489	0.371	0.555	0.594

0.461				
P5Q3E	0.395	0.238	0.347	0.275
0.135				
P5Q3A0	0.412	0.381	0.339	0.423
0.291				
P5Q3BK	0.387	0.436	0.434	0.445
0.371				
P5Q3B0	0.343	0.364	0.356	0.400
0.440				
P5Q3CU	0.474	0.340	0.377	0.450
0.379				
P5Q3DA	0.520	0.408	0.456	0.501
0.440				
P5Q3AS	0.449	0.329	0.452	0.418
0.318				
P5Q3AU	0.404	0.392	0.434	0.426
0.186				
P5Q3AZ	0.486	0.415	0.473	0.509
0.380				
P5Q3BB1	0.434	0.293	0.348	0.422
0.300				
P5Q3BB2	0.227	0.236	0.300	0.332
0.254				
P5Q3BB5	0.200	0.239	0.225	0.243
0.204				
P5Q3BB6	0.412	0.295	0.381	0.446
0.293				
P5Q3BB7	0.323	0.328	0.375	0.455
0.269				
P5Q3X	0.366	0.258	0.308	0.185
0.147				
P5Q3AA	0.407	0.288	0.282	0.201
0.232				
P5Q3AL	0.419	0.277	0.337	0.373
0.261				
P5Q3AP	0.434	0.300	0.354	0.343
0.287				
P5Q3BI	0.286	0.185	0.192	0.275
0.308				
P5Q3BZ	0.532	0.351	0.406	0.384
0.260				
P5Q3CJ	0.496	0.354	0.366	0.439
0.306				
P5Q3C	0.393	0.223	0.316	0.295
0.308				
P5Q30	0.417	0.296	0.336	0.321
0.234				
P5Q3R	0.441	0.237	0.388	0.332
0.334				
P5Q3S	0.482	0.303	0.368	0.325

0.216				
P5Q3T	0.454	0.293	0.370	0.288
0.239				
P5Q3U	0.441	0.178	0.346	0.216
0.258				
P5Q3V	0.365	0.277	0.236	0.224
0.182				
P5Q3AJ	0.501	0.395	0.355	0.365
0.236				
P5Q3BC	0.542	0.360	0.421	0.451
0.330				
P5Q3BN	0.470	0.286	0.382	0.408
0.352				
P5Q3CF	0.484	0.305	0.405	0.390
0.386				
P5Q3CG	0.471	0.402	0.513	0.423
0.416				
P5Q3CH	0.574	0.339	0.534	0.503
0.404				
P5Q3CI	0.468	0.382	0.508	0.517
0.416				
P5Q3CN	0.384	0.280	0.331	0.351
0.278				
P5Q3CO	0.482	0.274	0.400	0.351
0.367				
P5Q3CQ	0.586	0.361	0.459	0.519
0.336				
P5Q3CW	0.403	0.323	0.354	0.380
0.276				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3CK	P5Q3DB	P5Q3E	P5Q3A0
P5Q3BK				
P5Q3DB	0.392			
P5Q3E	0.475	0.093		
P5Q3A0	0.399	0.283	0.307	
P5Q3BK	0.498	0.307	0.377	0.529
P5Q3B0	0.496	0.336	0.251	0.381
0.536				
P5Q3CU	0.515	0.328	0.316	0.366
0.437				
P5Q3DA	0.540	0.482	0.359	0.604
0.578				
P5Q3AS	0.500	0.350	0.165	0.199
0.282				
P5Q3AU	0.448	0.232	0.204	0.308
0.321				

P5Q3AZ 0.553	0.581	0.435	0.363	0.432
P5Q3BB1 0.315	0.438	0.366	0.187	0.193
P5Q3BB2 0.255	0.380	0.293	0.145	0.174
P5Q3BB5 0.278	0.202	0.189	0.180	0.198
P5Q3BB6 0.268	0.486	0.371	0.268	0.241
P5Q3BB7 0.316	0.517	0.233	0.213	0.217
P5Q3X 0.360	0.370	0.126	0.354	0.270
P5Q3AA 0.284	0.376	0.177	0.126	0.150
P5Q3AL 0.359	0.446	0.165	0.288	0.192
P5Q3AP 0.305	0.387	0.259	0.206	0.259
P5Q3BI 0.250	0.285	0.200	0.162	0.220
P5Q3BZ 0.378	0.545	0.294	0.243	0.297
P5Q3CJ 0.443	0.620	0.319	0.321	0.332
P5Q3C 0.175	0.366	0.306	0.156	0.151
P5Q3O 0.338	0.580	0.215	0.352	0.301
P5Q3R 0.322	0.509	0.331	0.221	0.247
P5Q3S 0.381	0.576	0.224	0.342	0.289
P5Q3T 0.309	0.539	0.212	0.271	0.250
P5Q3U 0.226	0.370	0.233	0.152	0.169
P5Q3V 0.213	0.512	0.117	0.147	0.130
P5Q3AJ 0.285	0.547	0.209	0.310	0.274
P5Q3BC 0.402	0.629	0.337	0.279	0.352
P5Q3BN 0.375	0.570	0.276	0.329	0.287
P5Q3CF 0.384	0.506	0.327	0.216	0.277
P5Q3CG 0.470	0.562	0.390	0.330	0.376

P5Q3CH 0.440	0.467	0.416	0.290	0.328
P5Q3CI 0.481	0.447	0.338	0.344	0.367
P5Q3CN 0.276	0.403	0.281	0.243	0.239
P5Q3C0 0.314	0.528	0.273	0.209	0.249
P5Q3CQ 0.420	0.658	0.343	0.375	0.288
P5Q3CW 0.286	0.457	0.258	0.223	0.267

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3B0	P5Q3CU	P5Q3DA	P5Q3AS
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P5Q3AU				
P5Q3CU	0.372			
P5Q3DA	0.477	0.499		
P5Q3AS	0.272	0.246	0.288	
P5Q3AU	0.274	0.374	0.338	0.292
P5Q3AZ 0.360	0.434	0.678	0.523	0.314
P5Q3BB1 0.398	0.265	0.437	0.386	0.246
P5Q3BB2 0.303	0.294	0.307	0.341	0.290
P5Q3BB5 0.223	0.175	0.213	0.236	0.190
P5Q3BB6 0.452	0.222	0.337	0.380	0.271
P5Q3BB7 0.329	0.234	0.348	0.395	0.233
P5Q3X 0.214	0.322	0.261	0.308	0.138
P5Q3AA 0.104	0.294	0.206	0.241	0.264
P5Q3AL 0.218	0.313	0.218	0.271	0.270
P5Q3AP 0.211	0.416	0.342	0.296	0.291
P5Q3BI 0.102	0.278	0.211	0.170	0.221
P5Q3BZ 0.285	0.473	0.309	0.397	0.351
P5Q3CJ 0.310	0.391	0.330	0.476	0.328
P5Q3C	0.219	0.265	0.223	0.259

0.193				
P5Q30	0.418	0.333	0.396	0.253
0.255				
P5Q3R	0.301	0.328	0.343	0.288
0.219				
P5Q3S	0.347	0.233	0.353	0.272
0.151				
P5Q3T	0.295	0.276	0.289	0.236
0.160				
P5Q3U	0.285	0.311	0.266	0.252
0.179				
P5Q3V	0.259	0.186	0.221	0.198
0.072				
P5Q3AJ	0.259	0.242	0.332	0.328
0.160				
P5Q3BC	0.455	0.409	0.483	0.323
0.348				
P5Q3BN	0.351	0.359	0.360	0.274
0.249				
P5Q3CF	0.375	0.350	0.400	0.353
0.267				
P5Q3CG	0.494	0.392	0.463	0.364
0.262				
P5Q3CH	0.376	0.465	0.436	0.373
0.325				
P5Q3CI	0.480	0.499	0.458	0.304
0.354				
P5Q3CN	0.311	0.274	0.330	0.262
0.179				
P5Q3C0	0.318	0.308	0.339	0.288
0.273				
P5Q3CQ	0.391	0.454	0.375	0.351
0.290				
P5Q3CW	0.274	0.380	0.302	0.254
0.257				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3AZ	P5Q3BB1	P5Q3BB2	P5Q3BB5
P5Q3BB6				
P5Q3BB1	0.546			
P5Q3BB2	0.442	0.654		
P5Q3BB5	0.312	0.392	0.407	
P5Q3BB6	0.431	0.679	0.636	0.486
P5Q3BB7	0.408	0.531	0.534	0.406
0.733				
P5Q3X	0.328	0.169	0.105	0.150
0.099				

P5Q3AA 0.143	0.272	0.215	0.139	0.111
P5Q3AL 0.263	0.353	0.286	0.241	0.154
P5Q3AP 0.242	0.357	0.260	0.209	0.209
P5Q3BI 0.210	0.229	0.161	0.159	0.143
P5Q3BZ 0.183	0.334	0.201	0.181	0.251
P5Q3CJ 0.305	0.387	0.351	0.249	0.219
P5Q3C 0.224	0.250	0.246	0.215	0.108
P5Q30 0.213	0.322	0.204	0.190	0.144
P5Q3R 0.238	0.380	0.275	0.162	0.125
P5Q3S 0.208	0.405	0.243	0.188	0.186
P5Q3T 0.207	0.383	0.282	0.156	0.223
P5Q3U 0.225	0.281	0.287	0.168	0.139
P5Q3V 0.142	0.279	0.157	0.113	0.108
P5Q3AJ 0.145	0.310	0.163	0.151	0.192
P5Q3BC 0.249	0.406	0.259	0.238	0.297
P5Q3BN 0.290	0.441	0.302	0.243	0.208
P5Q3CF 0.317	0.342	0.344	0.283	0.178
P5Q3CG 0.325	0.459	0.321	0.330	0.232
P5Q3CH 0.335	0.431	0.409	0.348	0.236
P5Q3CI 0.272	0.449	0.312	0.252	0.237
P5Q3CN 0.222	0.270	0.230	0.187	0.184
P5Q3C0 0.316	0.299	0.302	0.221	0.177
P5Q3CQ 0.321	0.459	0.281	0.205	0.208
P5Q3CW 0.273	0.457	0.250	0.198	0.197

P5Q3AP	CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)			
	P5Q3BB7	P5Q3X	P5Q3AA	P5Q3AL
P5Q3X	0.139			
P5Q3AA	0.172	0.458		
P5Q3AL	0.278	0.375	0.559	
P5Q3AP	0.225	0.421	0.600	0.474
P5Q3BI	0.220	0.205	0.269	0.267
0.236				
P5Q3BZ	0.375	0.378	0.529	0.486
0.666				
P5Q3CJ	0.378	0.357	0.452	0.496
0.494				
P5Q3C	0.125	0.280	0.446	0.335
0.393				
P5Q30	0.244	0.480	0.492	0.469
0.483				
P5Q3R	0.101	0.321	0.395	0.296
0.362				
P5Q3S	0.215	0.409	0.511	0.492
0.541				
P5Q3T	0.200	0.421	0.520	0.426
0.560				
P5Q3U	0.186	0.404	0.696	0.410
0.537				
P5Q3V	0.184	0.408	0.711	0.533
0.503				
P5Q3AJ	0.234	0.403	0.541	0.598
0.471				
P5Q3BC	0.374	0.425	0.449	0.490
0.501				
P5Q3BN	0.205	0.395	0.446	0.337
0.437				
P5Q3CF	0.274	0.358	0.470	0.345
0.478				
P5Q3CG	0.255	0.390	0.351	0.307
0.411				
P5Q3CH	0.286	0.357	0.320	0.332
0.416				
P5Q3CI	0.406	0.336	0.231	0.255
0.464				
P5Q3CN	0.213	0.339	0.415	0.384
0.448				
P5Q3C0	0.217	0.402	0.499	0.371
0.451				
P5Q3CQ	0.329	0.484	0.563	0.505
0.528				
P5Q3CW	0.217	0.359	0.384	0.345

0.378

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)				
P5Q30	P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C
P5Q3BZ	0.183			
P5Q3CJ	0.251	0.603		
P5Q3C	0.254	0.366	0.403	
P5Q30	0.212	0.571	0.505	0.513
P5Q3R	0.270	0.414	0.338	0.437
0.440				
P5Q3S	0.199	0.568	0.501	0.393
0.602				
P5Q3T	0.183	0.583	0.509	0.409
0.587				
P5Q3U	0.222	0.502	0.410	0.520
0.532				
P5Q3V	0.240	0.484	0.396	0.390
0.501				
P5Q3AJ	0.227	0.553	0.586	0.454
0.637				
P5Q3BC	0.232	0.595	0.655	0.436
0.672				
P5Q3BN	0.267	0.464	0.506	0.521
0.479				
P5Q3CF	0.292	0.485	0.462	0.497
0.514				
P5Q3CG	0.285	0.447	0.479	0.419
0.493				
P5Q3CH	0.222	0.396	0.403	0.402
0.337				
P5Q3CI	0.323	0.484	0.494	0.211
0.333				
P5Q3CN	0.329	0.363	0.390	0.422
0.553				
P5Q3C0	0.251	0.481	0.538	0.545
0.561				
P5Q3CQ	0.266	0.615	0.623	0.499
0.698				
P5Q3CW	0.284	0.405	0.453	0.360
0.386				

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

P5Q3S	0.537			
P5Q3T	0.434	0.816		
P5Q3U	0.436	0.539	0.573	
P5Q3V	0.352	0.477	0.512	0.729
P5Q3AJ	0.438	0.491	0.565	0.390
0.602				
P5Q3BC	0.417	0.574	0.591	0.474
0.456				
P5Q3BN	0.443	0.526	0.496	0.497
0.339				
P5Q3CF	0.450	0.455	0.422	0.525
0.387				
P5Q3CG	0.466	0.474	0.422	0.383
0.309				
P5Q3CH	0.428	0.402	0.371	0.431
0.258				
P5Q3CI	0.374	0.364	0.327	0.316
0.188				
P5Q3CN	0.433	0.384	0.404	0.398
0.354				
P5Q3C0	0.483	0.500	0.529	0.574
0.465				
P5Q3CQ	0.465	0.516	0.621	0.495
0.505				
P5Q3CW	0.440	0.416	0.394	0.364
0.317				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3AJ	P5Q3BC	P5Q3BN	P5Q3CF
P5Q3CG				
P5Q3BC	0.708			
P5Q3BN	0.505	0.543		
P5Q3CF	0.406	0.494	0.528	
P5Q3CG	0.408	0.563	0.528	0.646
P5Q3CH	0.321	0.378	0.456	0.576
0.626				
P5Q3CI	0.317	0.438	0.404	0.448
0.502				
P5Q3CN	0.534	0.496	0.463	0.419
0.427				
P5Q3C0	0.594	0.620	0.663	0.644
0.581				
P5Q3CQ	0.702	0.777	0.641	0.567
0.545				
P5Q3CW	0.434	0.443	0.552	0.447
0.467				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)				
	P5Q3CH	P5Q3CI	P5Q3CN	P5Q3C0
P5Q3CQ				
P5Q3CI	0.561			
P5Q3CN	0.338	0.410		
P5Q3C0	0.499	0.396	0.511	
P5Q3CQ	0.485	0.528	0.592	0.710
P5Q3CW	0.380	0.429	0.467	0.527
0.489				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
P5Q3CW

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/ Percentiles		Mean/ Variance Median	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max
20%/60%	Sample Size 40%/80%				
THREATCOMP		0.012	1.390	-1.128	0.04%
-0.410	-0.189	-0.082			
	2543.000	0.265	3.280	2.978	0.04%
0.035	0.364				
DEPCOMP		0.005	1.333	-1.025	0.04%
-0.422	-0.186	-0.072			
	2543.000	0.270	4.161	4.020	0.04%
0.061	0.359				
POVCO_AVG		2.158	3.160	0.121	0.04%
0.772	1.222	1.504			
	2543.000	4.455	15.763	21.163	0.04%
1.880	3.080				
RACE_AA		0.498	0.007	0.000	50.18%
0.000	0.000	0.000			
	2543.000	0.250	-2.000	1.000	49.82%
1.000	1.000				
RACE_C		0.190	1.584	0.000	81.05%
0.000	0.000	0.000			
	2543.000	0.154	0.510	1.000	18.95%
0.000	0.000				

	RACE_L		0.236	1.241	0.000	76.37%
0.000	0.000	0.000				
	2543.000	0.180	-0.459	1.000	23.63%	
0.000	1.000					
	CM1BSEX		0.494	0.026	0.000	50.65%
0.000	0.000	0.000				
	2543.000	0.250	-1.999	1.000	49.35%	
1.000	1.000					

WARNING: THE SAMPLE CORRELATION OF P5Q3CK AND K6F68_R IS -0.994
 DUE TO ONE OR MORE ZERO CELLS IN THEIR BIVARIATE TABLE.
 INFORMATION FROM THESE VARIABLES CAN BE USED TO CREATE ONE NEW
 VARIABLE.

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 397

Chi-Square Test of Model Fit

Value	14784.416*
Degrees of Freedom	5607
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	0.025
90 Percent C.I.	0.025 0.026
Probability RMSEA <= .05	1.000

CFI/TLI

CFI	0.872
TLI	0.869

Chi-Square Test of Model Fit for the Baseline Model

Value	77681.294
Degrees of Freedom	5757
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value	0.070
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Optimum Function Value for Weighted Least-Squares Estimator

Value	0.50631275D+01
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MODEL RESULTS

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.652	0.020	31.917	0.000
K6B1B_R	0.787	0.019	41.576	0.000
K6B1C_R	0.758	0.019	39.417	0.000
K6B1D_R	0.619	0.025	24.579	0.000
SC9 BY				
K5E1A	0.163	0.028	5.762	0.000
K5E1B	0.124	0.028	4.479	0.000
K5E1C	0.194	0.028	6.847	0.000
K5E1D	0.205	0.031	6.628	0.000
INTERNAL BY				
K6D2AG_R	0.697	0.013	52.619	0.000
K6D2AI_R	0.529	0.018	29.233	0.000
K6D2D_R	0.578	0.017	34.486	0.000
K6D2J_R	0.524	0.017	31.499	0.000
K6D2T_R	0.608	0.016	37.104	0.000
K6D2AC_R	0.778	0.014	57.556	0.000
K6D2AK_R	0.510	0.018	28.573	0.000
K6D2C_R	0.543	0.017	31.547	0.000
K6D2N_R	0.755	0.013	57.927	0.000
K6D2X_R	0.713	0.019	38.419	0.000
EXTERN BY				
K6D2A_R	0.434	0.021	20.574	0.000
K6D2P_R	0.633	0.022	28.265	0.000
K6D2R_R	0.456	0.022	20.638	0.000
K6D2Z_R	0.502	0.022	23.365	0.000
K6D2AB_R	0.518	0.020	25.522	0.000
K6D2AJ_R	0.656	0.022	30.474	0.000

K6D61C	0.785	0.026	30.627	0.000
K6D61D	0.548	0.022	24.407	0.000
K6D61E	0.542	0.027	19.716	0.000
K6D61K	0.760	0.024	31.730	0.000
K6D61L	0.481	0.027	18.028	0.000
K6D61M	0.426	0.024	17.800	0.000
K6D40_R	0.594	0.032	18.800	0.000
K6D48_R	0.498	0.026	19.337	0.000
K6F63_R	0.525	0.025	21.036	0.000
K6F68_R	0.616	0.049	12.495	0.000
K6F74_R	0.583	0.042	13.844	0.000

PAF BY

K6D2B_R	0.628	0.016	38.726	0.000
K6D2F_R	0.548	0.015	35.387	0.000
K6D2G_R	0.371	0.022	16.649	0.000
K6D2I_R	0.413	0.017	24.786	0.000
K6D2K_R	0.477	0.016	29.520	0.000
K6D2L_R	0.594	0.021	28.661	0.000
K6D2M_R	0.488	0.017	28.722	0.000
K6D2O_R	0.470	0.017	28.286	0.000
K6D2S_R	0.714	0.015	48.365	0.000
K6D2V_R	0.494	0.018	28.094	0.000
K6D2W_R	0.540	0.015	34.875	0.000
K6D2Y_R	0.525	0.018	28.891	0.000
K6D2AA_R	0.582	0.015	37.844	0.000
K6D2AE_R	0.385	0.017	22.920	0.000
K6D2AF_R	0.505	0.019	26.093	0.000
K6D2AH_R	0.391	0.019	21.118	0.000

INCBCL BY

P5Q3M	0.312	0.061	5.136	0.000
P5Q3AB	0.220	0.044	5.028	0.000
P5Q3AD	0.288	0.055	5.188	0.000
P5Q3AF	0.348	0.068	5.133	0.000
P5Q3AH	0.418	0.081	5.170	0.000
P5Q3AR	0.294	0.058	5.047	0.000
P5Q3AV	0.370	0.070	5.276	0.000
P5Q3AX	0.373	0.073	5.105	0.000
P5Q3BQ	0.295	0.057	5.191	0.000
P5Q3CK	0.437	0.086	5.111	0.000
P5Q3DB	0.287	0.055	5.205	0.000
P5Q3E	0.238	0.048	4.900	0.000
P5Q3AO	0.273	0.055	4.974	0.000
P5Q3BK	0.329	0.065	5.073	0.000
P5Q3BO	0.318	0.063	5.092	0.000
P5Q3CU	0.321	0.064	5.031	0.000
P5Q3DA	0.354	0.070	5.055	0.000
P5Q3AS	0.271	0.053	5.096	0.000
P5Q3AU	0.245	0.052	4.720	0.000

P5Q3AZ	0.363	0.071	5.115	0.000
P5Q3BB1	0.307	0.061	5.042	0.000
P5Q3BB2	0.252	0.051	4.972	0.000
P5Q3BB5	0.194	0.041	4.706	0.000
P5Q3BB6	0.303	0.059	5.104	0.000
P5Q3BB7	0.278	0.058	4.826	0.000
EXCBCL BY				
P5Q3X	0.299	0.050	6.012	0.000
P5Q3AA	0.379	0.063	6.006	0.000
P5Q3AL	0.327	0.054	6.032	0.000
P5Q3AP	0.369	0.061	6.013	0.000
P5Q3BI	0.210	0.036	5.878	0.000
P5Q3BZ	0.393	0.065	6.030	0.000
P5Q3CJ	0.384	0.064	6.037	0.000
P5Q3C	0.327	0.055	5.980	0.000
P5Q3O	0.394	0.065	6.065	0.000
P5Q3R	0.336	0.057	5.906	0.000
P5Q3S	0.406	0.068	6.013	0.000
P5Q3T	0.400	0.066	6.053	0.000
P5Q3U	0.387	0.064	6.011	0.000
P5Q3V	0.363	0.060	6.064	0.000
P5Q3AJ	0.387	0.064	6.048	0.000
P5Q3BC	0.424	0.070	6.097	0.000
P5Q3BN	0.389	0.065	6.023	0.000
P5Q3CF	0.388	0.064	6.059	0.000
P5Q3CG	0.389	0.065	6.004	0.000
P5Q3CH	0.365	0.060	6.045	0.000
P5Q3CI	0.341	0.057	5.983	0.000
P5Q3CN	0.334	0.056	6.019	0.000
P5Q3CO	0.408	0.068	6.003	0.000
P5Q3CQ	0.452	0.075	6.024	0.000
P5Q3CW	0.327	0.054	6.056	0.000
INCBCL ON				
SC9	-1.709	0.436	-3.917	0.000
EXCBCL ON				
SC9	-1.581	0.368	-4.295	0.000
EXTERN ON				
SC9	0.550	0.252	2.182	0.029
SC15	-0.334	0.033	-10.172	0.000
EXCBCL	0.346	0.081	4.253	0.000
INTERNAL ON				
SC9	0.024	0.095	0.253	0.800
SC15	-0.410	0.031	-13.369	0.000
INCBCL	0.070	0.046	1.526	0.127

PAF	ON				
SC9		0.015	0.033	0.447	0.655
SC15		0.688	0.038	18.017	0.000
INCBCL	ON				
DEPCOMP		0.751	0.180	4.166	0.000
THREATCOMP		0.672	0.176	3.822	0.000
POVCO_AVG		-0.098	0.030	-3.234	0.001
RACE_AA		-0.542	0.218	-2.486	0.013
RACE_C		0.441	0.232	1.904	0.057
RACE_L		-0.008	0.207	-0.039	0.969
CM1BSEX		-0.160	0.105	-1.522	0.128
EXCBCL	ON				
DEPCOMP		0.463	0.119	3.876	0.000
THREATCOMP		1.107	0.207	5.340	0.000
POVCO_AVG		-0.159	0.035	-4.619	0.000
RACE_AA		-0.172	0.183	-0.940	0.347
RACE_C		0.508	0.220	2.311	0.021
RACE_L		-0.218	0.196	-1.113	0.266
CM1BSEX		-0.508	0.122	-4.178	0.000
EXTERN	ON				
THREATCOMP		-0.033	0.150	-0.222	0.824
DEPCOMP		-0.133	0.080	-1.661	0.097
POVCO_AVG		-0.041	0.023	-1.762	0.078
RACE_AA		-0.113	0.096	-1.174	0.240
RACE_C		-0.393	0.132	-2.976	0.003
RACE_L		-0.129	0.106	-1.216	0.224
CM1BSEX		-0.001	0.082	-0.017	0.986
INTERNAL	ON				
THREATCOMP		0.064	0.061	1.043	0.297
DEPCOMP		0.138	0.059	2.327	0.020
POVCO_AVG		-0.043	0.015	-2.906	0.004
RACE_AA		-0.215	0.100	-2.151	0.031
RACE_C		-0.109	0.111	-0.976	0.329
RACE_L		-0.070	0.104	-0.676	0.499
CM1BSEX		0.271	0.049	5.529	0.000
PAF	ON				
THREATCOMP		-0.077	0.057	-1.348	0.178
DEPCOMP		-0.326	0.058	-5.580	0.000
POVCO_AVG		-0.003	0.015	-0.219	0.827
RACE_AA		0.385	0.108	3.575	0.000
RACE_C		-0.015	0.120	-0.126	0.900
RACE_L		0.207	0.115	1.805	0.071
CM1BSEX		-0.177	0.054	-3.277	0.001
SC9	WITH				

SC15	0.129	0.031	4.142	0.000
EXTERN WITH INTERNALIZ	0.431	0.025	17.128	0.000
PAF WITH INTERNALIZ	-0.499	0.021	-23.736	0.000
EXTERN	-0.140	0.028	-5.046	0.000
Thresholds				
K6B1A_R\$1	-1.816	0.098	-18.579	0.000
K6B1A_R\$2	-1.251	0.095	-13.192	0.000
K6B1A_R\$3	0.027	0.092	0.296	0.767
K6B1B_R\$1	-2.017	0.114	-17.618	0.000
K6B1B_R\$2	-1.448	0.108	-13.451	0.000
K6B1B_R\$3	-0.345	0.103	-3.344	0.001
K6B1C_R\$1	-1.703	0.103	-16.544	0.000
K6B1C_R\$2	-1.309	0.100	-13.065	0.000
K6B1C_R\$3	-0.253	0.098	-2.581	0.010
K6B1D_R\$1	-1.916	0.114	-16.838	0.000
K6B1D_R\$2	-1.434	0.109	-13.118	0.000
K6B1D_R\$3	-0.418	0.106	-3.955	0.000
K5E1A\$1	-1.205	0.101	-11.908	0.000
K5E1A\$2	-0.801	0.099	-8.053	0.000
K5E1A\$3	-0.532	0.099	-5.394	0.000
K5E1A\$4	-0.115	0.098	-1.171	0.242
K5E1B\$1	-0.933	0.093	-10.028	0.000
K5E1B\$2	-0.536	0.092	-5.803	0.000
K5E1B\$3	-0.237	0.092	-2.566	0.010
K5E1B\$4	0.219	0.092	2.373	0.018
K5E1C\$1	-1.258	0.101	-12.509	0.000
K5E1C\$2	-0.916	0.100	-9.181	0.000
K5E1C\$3	-0.612	0.099	-6.157	0.000
K5E1C\$4	-0.158	0.100	-1.586	0.113
K5E1D\$1	-1.227	0.111	-11.020	0.000
K5E1D\$2	-0.934	0.109	-8.565	0.000
K5E1D\$3	-0.689	0.108	-6.375	0.000
K5E1D\$4	-0.304	0.108	-2.824	0.005
K6D2AG_R\$1	0.182	0.090	2.022	0.043
K6D2AG_R\$2	0.731	0.090	8.092	0.000
K6D2AG_R\$3	1.721	0.096	17.887	0.000
K6D2AI_R\$1	0.250	0.096	2.604	0.009
K6D2AI_R\$2	0.781	0.097	8.058	0.000
K6D2AI_R\$3	1.544	0.100	15.382	0.000
K6D2D_R\$1	0.235	0.093	2.515	0.012
K6D2D_R\$2	0.772	0.094	8.237	0.000
K6D2D_R\$3	1.630	0.100	16.311	0.000
K6D2J_R\$1	-0.627	0.091	-6.863	0.000
K6D2J_R\$2	0.088	0.091	0.968	0.333
K6D2J_R\$3	1.273	0.096	13.285	0.000

K6D2T_R\$1	0.454	0.096	4.741	0.000
K6D2T_R\$2	0.903	0.096	9.380	0.000
K6D2T_R\$3	1.718	0.100	17.109	0.000
K6D2AC_R\$1	0.378	0.101	3.732	0.000
K6D2AC_R\$2	0.829	0.103	8.072	0.000
K6D2AC_R\$3	1.714	0.108	15.915	0.000
K6D2AK_R\$1	-0.366	0.093	-3.933	0.000
K6D2AK_R\$2	0.170	0.093	1.824	0.068
K6D2AK_R\$3	1.067	0.098	10.922	0.000
K6D2C_R\$1	-0.476	0.090	-5.283	0.000
K6D2C_R\$2	0.008	0.090	0.086	0.931
K6D2C_R\$3	1.030	0.091	11.312	0.000
K6D2N_R\$1	0.162	0.094	1.730	0.084
K6D2N_R\$2	0.751	0.094	7.964	0.000
K6D2N_R\$3	1.725	0.100	17.170	0.000
K6D2X_R\$1	0.851	0.116	7.328	0.000
K6D2X_R\$2	1.271	0.118	10.725	0.000
K6D2X_R\$3	2.049	0.132	15.563	0.000
K6D2A_R\$1	-1.029	0.097	-10.629	0.000
K6D2A_R\$2	-0.415	0.095	-4.383	0.000
K6D2A_R\$3	0.888	0.096	9.225	0.000
K6D2P_R\$1	-0.967	0.091	-10.673	0.000
K6D2P_R\$2	-0.358	0.089	-4.007	0.000
K6D2P_R\$3	0.788	0.090	8.709	0.000
K6D2R_R\$1	-1.208	0.092	-13.161	0.000
K6D2R_R\$2	-0.463	0.090	-5.146	0.000
K6D2R_R\$3	0.837	0.091	9.158	0.000
K6D2Z_R\$1	-1.195	0.091	-13.176	0.000
K6D2Z_R\$2	-0.546	0.089	-6.127	0.000
K6D2Z_R\$3	0.777	0.090	8.636	0.000
K6D2AB_R\$1	-0.891	0.090	-9.944	0.000
K6D2AB_R\$2	-0.237	0.088	-2.680	0.007
K6D2AB_R\$3	0.800	0.090	8.905	0.000
K6D2AJ_R\$1	-0.483	0.087	-5.578	0.000
K6D2AJ_R\$2	0.029	0.086	0.338	0.736
K6D2AJ_R\$3	0.948	0.088	10.765	0.000
K6D61C\$1	1.239	0.157	7.902	0.000
K6D61C\$2	2.008	0.162	12.384	0.000
K6D61C\$3	2.296	0.170	13.531	0.000
K6D61D\$1	0.153	0.112	1.368	0.171
K6D61D\$2	1.101	0.115	9.588	0.000
K6D61D\$3	1.551	0.123	12.649	0.000
K6D61E\$1	1.040	0.158	6.586	0.000
K6D61E\$2	1.904	0.162	11.722	0.000
K6D61E\$3	2.298	0.186	12.377	0.000
K6D61K\$1	1.201	0.141	8.486	0.000
K6D61K\$2	2.039	0.150	13.567	0.000
K6D61K\$3	2.297	0.157	14.643	0.000
K6D61L\$1	0.749	0.144	5.188	0.000
K6D61L\$2	1.648	0.153	10.774	0.000

K6D61L\$3	2.034	0.168	12.091	0.000
K6D61M\$1	0.390	0.104	3.744	0.000
K6D61M\$2	1.272	0.108	11.789	0.000
K6D61M\$3	1.657	0.113	14.622	0.000
K6D40_R\$1	0.888	0.170	5.227	0.000
K6D48_R\$1	0.806	0.119	6.773	0.000
K6F63_R\$1	0.545	0.114	4.781	0.000
K6F68_R\$1	1.830	0.248	7.376	0.000
K6F74_R\$1	1.911	0.271	7.051	0.000
K6D2B_R\$1	-2.177	0.116	-18.714	0.000
K6D2B_R\$2	-1.757	0.112	-15.728	0.000
K6D2B_R\$3	-0.748	0.107	-6.990	0.000
K6D2F_R\$1	-1.855	0.109	-16.979	0.000
K6D2F_R\$2	-1.351	0.102	-13.188	0.000
K6D2F_R\$3	-0.100	0.099	-1.007	0.314
K6D2G_R\$1	-2.157	0.141	-15.286	0.000
K6D2G_R\$2	-1.875	0.131	-14.342	0.000
K6D2G_R\$3	-0.860	0.121	-7.129	0.000
K6D2I_R\$1	-1.942	0.105	-18.419	0.000
K6D2I_R\$2	-1.219	0.098	-12.489	0.000
K6D2I_R\$3	0.182	0.095	1.926	0.054
K6D2K_R\$1	-2.207	0.106	-20.737	0.000
K6D2K_R\$2	-1.459	0.097	-15.018	0.000
K6D2K_R\$3	-0.048	0.094	-0.517	0.605
K6D2L_R\$1	-2.332	0.166	-14.037	0.000
K6D2L_R\$2	-1.984	0.141	-14.054	0.000
K6D2L_R\$3	-1.019	0.132	-7.701	0.000
K6D2M_R\$1	-2.169	0.110	-19.765	0.000
K6D2M_R\$2	-1.470	0.098	-15.053	0.000
K6D2M_R\$3	0.134	0.094	1.435	0.151
K6D2O_R\$1	-1.502	0.105	-14.326	0.000
K6D2O_R\$2	-1.176	0.102	-11.547	0.000
K6D2O_R\$3	-0.220	0.099	-2.214	0.027
K6D2S_R\$1	-2.143	0.109	-19.609	0.000
K6D2S_R\$2	-1.573	0.102	-15.422	0.000
K6D2S_R\$3	-0.351	0.098	-3.573	0.000
K6D2V_R\$1	-2.303	0.130	-17.780	0.000
K6D2V_R\$2	-1.778	0.111	-16.005	0.000
K6D2V_R\$3	-0.188	0.102	-1.849	0.065
K6D2W_R\$1	-2.055	0.112	-18.338	0.000
K6D2W_R\$2	-1.356	0.100	-13.521	0.000
K6D2W_R\$3	-0.073	0.096	-0.761	0.447
K6D2Y_R\$1	-2.148	0.120	-17.834	0.000
K6D2Y_R\$2	-1.606	0.110	-14.623	0.000
K6D2Y_R\$3	-0.627	0.105	-5.952	0.000
K6D2AA_R\$1	-2.309	0.122	-18.863	0.000
K6D2AA_R\$2	-1.711	0.111	-15.393	0.000
K6D2AA_R\$3	-0.485	0.103	-4.693	0.000
K6D2AE_R\$1	-1.879	0.095	-19.833	0.000
K6D2AE_R\$2	-1.159	0.091	-12.691	0.000

K6D2AE_R\$3	0.391	0.089	4.389	0.000
K6D2AF_R\$1	-2.032	0.138	-14.674	0.000
K6D2AF_R\$2	-1.726	0.131	-13.190	0.000
K6D2AF_R\$3	-0.590	0.118	-5.012	0.000
K6D2AH_R\$1	-1.614	0.105	-15.311	0.000
K6D2AH_R\$2	-1.218	0.101	-12.010	0.000
K6D2AH_R\$3	0.034	0.097	0.350	0.726
P5Q3M\$1	0.783	0.126	6.224	0.000
P5Q3M\$2	1.856	0.137	13.517	0.000
P5Q3AB\$1	0.733	0.115	6.379	0.000
P5Q3AB\$2	2.199	0.123	17.810	0.000
P5Q3AD\$1	0.844	0.139	6.053	0.000
P5Q3AD\$2	1.983	0.160	12.380	0.000
P5Q3AF\$1	1.159	0.138	8.394	0.000
P5Q3AF\$2	2.317	0.156	14.857	0.000
P5Q3AH\$1	1.521	0.160	9.492	0.000
P5Q3AH\$2	2.499	0.180	13.896	0.000
P5Q3AR\$1	1.143	0.134	8.503	0.000
P5Q3AR\$2	2.174	0.149	14.548	0.000
P5Q3AV\$1	1.061	0.137	7.728	0.000
P5Q3AV\$2	2.187	0.156	14.049	0.000
P5Q3AX\$1	1.323	0.186	7.099	0.000
P5Q3AX\$2	2.446	0.219	11.163	0.000
P5Q3BQ\$1	0.167	0.106	1.571	0.116
P5Q3BQ\$2	1.767	0.113	15.576	0.000
P5Q3CK\$1	2.091	0.244	8.574	0.000
P5Q3CK\$2	2.658	0.272	9.791	0.000
P5Q3DB\$1	0.415	0.106	3.917	0.000
P5Q3DB\$2	1.893	0.115	16.462	0.000
P5Q3E\$1	0.824	0.136	6.079	0.000
P5Q3E\$2	1.751	0.142	12.310	0.000
P5Q3A0\$1	0.795	0.128	6.223	0.000
P5Q3A0\$2	1.900	0.144	13.176	0.000
P5Q3BK\$1	1.023	0.137	7.455	0.000
P5Q3BK\$2	2.163	0.165	13.077	0.000
P5Q3B0\$1	0.678	0.113	5.997	0.000
P5Q3B0\$2	2.029	0.127	16.000	0.000
P5Q3CU\$1	1.315	0.148	8.905	0.000
P5Q3CU\$2	2.225	0.161	13.780	0.000
P5Q3DA\$1	1.142	0.139	8.236	0.000
P5Q3DA\$2	2.293	0.154	14.903	0.000
P5Q3AS\$1	0.801	0.119	6.714	0.000
P5Q3AS\$2	2.446	0.138	17.707	0.000
P5Q3AU\$1	1.434	0.148	9.675	0.000
P5Q3AU\$2	2.373	0.163	14.584	0.000
P5Q3AZ\$1	1.648	0.187	8.829	0.000
P5Q3AZ\$2	2.654	0.221	12.022	0.000
P5Q3BB1\$1	1.089	0.139	7.852	0.000
P5Q3BB1\$2	2.152	0.155	13.866	0.000
P5Q3BB2\$1	0.690	0.123	5.590	0.000

P5Q3BB2\$2	1.951	0.140	13.978	0.000
P5Q3BB5\$1	1.120	0.128	8.730	0.000
P5Q3BB5\$2	1.984	0.129	15.410	0.000
P5Q3BB6\$1	1.070	0.132	8.119	0.000
P5Q3BB6\$2	2.408	0.163	14.811	0.000
P5Q3BB7\$1	1.575	0.193	8.154	0.000
P5Q3BB7\$2	2.475	0.211	11.717	0.000
P5Q3X\$1	0.634	0.120	5.282	0.000
P5Q3X\$2	1.780	0.129	13.757	0.000
P5Q3AA\$1	-0.152	0.102	-1.499	0.134
P5Q3AA\$2	1.705	0.109	15.707	0.000
P5Q3AL\$1	1.034	0.150	6.912	0.000
P5Q3AL\$2	2.264	0.174	13.028	0.000
P5Q3AP\$1	0.541	0.110	4.938	0.000
P5Q3AP\$2	2.243	0.120	18.673	0.000
P5Q3BI\$1	0.245	0.104	2.349	0.019
P5Q3BI\$2	1.617	0.108	14.993	0.000
P5Q3BZ\$1	1.934	0.279	6.938	0.000
P5Q3BZ\$2	2.704	0.287	9.430	0.000
P5Q3CJ\$1	1.170	0.188	6.226	0.000
P5Q3CJ\$2	2.266	0.209	10.843	0.000
P5Q3C\$1	-0.172	0.096	-1.794	0.073
P5Q3C\$2	1.211	0.098	12.335	0.000
P5Q30\$1	0.976	0.136	7.199	0.000
P5Q30\$2	1.981	0.145	13.693	0.000
P5Q3R\$1	0.154	0.104	1.475	0.140
P5Q3R\$2	1.313	0.108	12.150	0.000
P5Q3S\$1	0.728	0.126	5.759	0.000
P5Q3S\$2	1.718	0.128	13.383	0.000
P5Q3T\$1	0.713	0.136	5.251	0.000
P5Q3T\$2	1.972	0.149	13.194	0.000
P5Q3U\$1	-0.114	0.097	-1.175	0.240
P5Q3U\$2	1.777	0.102	17.493	0.000
P5Q3V\$1	0.208	0.112	1.850	0.064
P5Q3V\$2	1.773	0.121	14.657	0.000
P5Q3AJ\$1	1.202	0.165	7.272	0.000
P5Q3AJ\$2	2.155	0.180	11.965	0.000
P5Q3BC\$1	1.510	0.228	6.636	0.000
P5Q3BC\$2	2.383	0.246	9.693	0.000
P5Q3BN\$1	0.668	0.129	5.188	0.000
P5Q3BN\$2	1.755	0.136	12.908	0.000
P5Q3CF\$1	0.247	0.110	2.246	0.025
P5Q3CF\$2	1.732	0.121	14.281	0.000
P5Q3CG\$1	0.533	0.116	4.584	0.000
P5Q3CG\$2	2.003	0.128	15.603	0.000
P5Q3CH\$1	1.042	0.138	7.577	0.000
P5Q3CH\$2	2.302	0.158	14.556	0.000
P5Q3CI\$1	1.300	0.162	8.046	0.000
P5Q3CI\$2	2.494	0.188	13.280	0.000
P5Q3CN\$1	0.737	0.127	5.803	0.000

P5Q3CN\$2	2.030	0.140	14.547	0.000
P5Q3C0\$1	0.299	0.110	2.718	0.007
P5Q3C0\$2	1.498	0.113	13.241	0.000
P5Q3CQ\$1	1.434	0.189	7.566	0.000
P5Q3CQ\$2	2.261	0.205	11.007	0.000
P5Q3CW\$1	0.739	0.123	6.013	0.000
P5Q3CW\$2	1.864	0.126	14.817	0.000

Variances

SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000

Residual Variances

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

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.652	0.020	31.917	0.000
K6B1B_R	0.787	0.019	41.576	0.000
K6B1C_R	0.758	0.019	39.417	0.000
K6B1D_R	0.619	0.025	24.579	0.000
SC9 BY				
K5E1A	0.163	0.028	5.762	0.000
K5E1B	0.124	0.028	4.479	0.000
K5E1C	0.194	0.028	6.847	0.000
K5E1D	0.205	0.031	6.628	0.000
INTERNAL BY				
K6D2AG_R	0.767	0.012	61.519	0.000
K6D2AI_R	0.586	0.019	31.299	0.000
K6D2D_R	0.639	0.017	36.933	0.000
K6D2J_R	0.580	0.017	33.638	0.000
K6D2T_R	0.672	0.017	40.080	0.000
K6D2AC_R	0.854	0.012	71.640	0.000
K6D2AK_R	0.565	0.019	30.075	0.000
K6D2C_R	0.601	0.018	33.870	0.000
K6D2N_R	0.830	0.011	72.562	0.000

K6D2X_R	0.785	0.018	42.652	0.000
EXTERN BY				
K6D2A_R	0.498	0.020	25.355	0.000
K6D2P_R	0.718	0.014	49.496	0.000
K6D2R_R	0.522	0.019	27.067	0.000
K6D2Z_R	0.574	0.018	31.159	0.000
K6D2AB_R	0.591	0.017	35.162	0.000
K6D2AJ_R	0.742	0.014	51.591	0.000
K6D61C	0.880	0.014	61.793	0.000
K6D61D	0.625	0.020	31.034	0.000
K6D61E	0.618	0.027	22.515	0.000
K6D61K	0.854	0.014	62.035	0.000
K6D61L	0.550	0.027	20.609	0.000
K6D61M	0.489	0.024	20.576	0.000
K6D40_R	0.675	0.031	21.541	0.000
K6D48_R	0.569	0.026	22.166	0.000
K6F63_R	0.599	0.023	25.729	0.000
K6F68_R	0.699	0.052	13.491	0.000
K6F74_R	0.663	0.044	15.234	0.000
PAF BY				
K6D2B_R	0.769	0.016	46.873	0.000
K6D2F_R	0.673	0.016	42.640	0.000
K6D2G_R	0.459	0.027	16.896	0.000
K6D2I_R	0.509	0.019	26.668	0.000
K6D2K_R	0.588	0.018	33.297	0.000
K6D2L_R	0.729	0.022	33.081	0.000
K6D2M_R	0.601	0.018	34.104	0.000
K6D2O_R	0.579	0.018	32.246	0.000
K6D2S_R	0.871	0.011	78.011	0.000
K6D2V_R	0.608	0.019	31.989	0.000
K6D2W_R	0.664	0.016	41.347	0.000
K6D2Y_R	0.645	0.020	32.761	0.000
K6D2AA_R	0.714	0.015	47.126	0.000
K6D2AE_R	0.475	0.019	24.660	0.000
K6D2AF_R	0.622	0.022	28.449	0.000
K6D2AH_R	0.482	0.021	22.454	0.000
INCBCL BY				
P5Q3M	0.640	0.025	25.851	0.000
P5Q3AB	0.456	0.025	17.995	0.000
P5Q3AD	0.592	0.029	20.093	0.000
P5Q3AF	0.710	0.025	28.302	0.000
P5Q3AH	0.842	0.026	32.316	0.000
P5Q3AR	0.604	0.029	20.811	0.000
P5Q3AV	0.752	0.022	34.618	0.000
P5Q3AX	0.757	0.030	25.269	0.000
P5Q3BQ	0.608	0.021	29.345	0.000
P5Q3CK	0.878	0.034	25.628	0.000

P5Q3DB	0.592	0.022	26.342	0.000
P5Q3E	0.492	0.033	14.698	0.000
P5Q3A0	0.564	0.028	20.374	0.000
P5Q3BK	0.674	0.027	24.794	0.000
P5Q3B0	0.653	0.022	29.628	0.000
P5Q3CU	0.657	0.031	21.116	0.000
P5Q3DA	0.721	0.027	26.745	0.000
P5Q3AS	0.559	0.023	24.448	0.000
P5Q3AU	0.507	0.039	12.956	0.000
P5Q3AZ	0.739	0.029	25.553	0.000
P5Q3BB1	0.630	0.030	20.737	0.000
P5Q3BB2	0.522	0.028	18.410	0.000
P5Q3BB5	0.404	0.034	11.829	0.000
P5Q3BB6	0.622	0.027	23.439	0.000
P5Q3BB7	0.573	0.041	14.137	0.000
EXCBCL BY				
P5Q3X	0.595	0.023	25.628	0.000
P5Q3AA	0.741	0.013	55.323	0.000
P5Q3AL	0.648	0.026	25.075	0.000
P5Q3AP	0.724	0.016	44.833	0.000
P5Q3BI	0.426	0.024	17.461	0.000
P5Q3BZ	0.767	0.034	22.757	0.000
P5Q3CJ	0.750	0.026	29.268	0.000
P5Q3C	0.648	0.017	37.926	0.000
P5Q30	0.769	0.018	42.309	0.000
P5Q3R	0.665	0.017	38.701	0.000
P5Q3S	0.789	0.016	49.302	0.000
P5Q3T	0.778	0.016	47.682	0.000
P5Q3U	0.755	0.013	58.235	0.000
P5Q3V	0.713	0.016	43.827	0.000
P5Q3AJ	0.757	0.021	36.456	0.000
P5Q3BC	0.820	0.022	37.444	0.000
P5Q3BN	0.760	0.017	44.571	0.000
P5Q3CF	0.758	0.014	52.774	0.000
P5Q3CG	0.759	0.015	50.772	0.000
P5Q3CH	0.717	0.021	33.365	0.000
P5Q3CI	0.674	0.029	23.335	0.000
P5Q3CN	0.661	0.022	29.410	0.000
P5Q3C0	0.792	0.013	61.074	0.000
P5Q3CQ	0.867	0.022	39.833	0.000
P5Q3CW	0.649	0.021	31.080	0.000
INCBCL ON				
SC9	-0.814	0.053	-15.256	0.000
EXCBCL ON				
SC9	-0.768	0.052	-14.728	0.000
EXTERN ON				

SC9	0.475	0.206	2.309	0.021
SC15	-0.289	0.024	-12.089	0.000
EXCBCL	0.615	0.220	2.800	0.005
INTERNAL ON				
SC9	0.022	0.086	0.253	0.800
SC15	-0.367	0.024	-15.423	0.000
INCBCL	0.132	0.088	1.489	0.137
PAF ON				
SC9	0.012	0.026	0.447	0.655
SC15	0.555	0.021	25.960	0.000
INCBCL ON				
DEPCOMP	0.186	0.027	6.991	0.000
THREATCOMP	0.165	0.029	5.677	0.000
POVCO_AVG	-0.099	0.024	-4.091	0.000
RACE_AA	-0.129	0.046	-2.809	0.005
RACE_C	0.082	0.039	2.090	0.037
RACE_L	-0.002	0.042	-0.039	0.969
CM1BSEX	-0.038	0.024	-1.597	0.110
EXCBCL ON				
DEPCOMP	0.117	0.024	4.968	0.000
THREATCOMP	0.277	0.024	11.556	0.000
POVCO_AVG	-0.164	0.023	-7.050	0.000
RACE_AA	-0.042	0.044	-0.943	0.345
RACE_C	0.097	0.038	2.528	0.011
RACE_L	-0.045	0.040	-1.118	0.263
CM1BSEX	-0.123	0.021	-5.761	0.000
EXTERN ON				
THREATCOMP	-0.015	0.066	-0.223	0.823
DEPCOMP	-0.060	0.035	-1.712	0.087
POVCO_AVG	-0.074	0.044	-1.708	0.088
RACE_AA	-0.049	0.042	-1.167	0.243
RACE_C	-0.133	0.043	-3.092	0.002
RACE_L	-0.047	0.039	-1.208	0.227
CM1BSEX	-0.001	0.035	-0.017	0.986
INTERNAL ON				
THREATCOMP	0.029	0.028	1.043	0.297
DEPCOMP	0.064	0.028	2.328	0.020
POVCO_AVG	-0.081	0.028	-2.916	0.004
RACE_AA	-0.096	0.045	-2.154	0.031
RACE_C	-0.038	0.039	-0.976	0.329
RACE_L	-0.027	0.039	-0.675	0.499
CM1BSEX	0.122	0.022	5.597	0.000
PAF ON				

THREATCOMP	-0.032	0.024	-1.349	0.177
DEPCOMP	-0.137	0.024	-5.658	0.000
POVCO_AVG	-0.006	0.025	-0.219	0.827
RACE_AA	0.155	0.043	3.597	0.000
RACE_C	-0.005	0.038	-0.126	0.900
RACE_L	0.071	0.039	1.808	0.071
CM1BSEX	-0.071	0.022	-3.286	0.001
SC9 WITH				
SC15	0.129	0.031	4.142	0.000
EXTERN WITH				
INTERNALIZ	0.431	0.025	17.128	0.000
PAF WITH				
INTERNALIZ	-0.499	0.021	-23.736	0.000
EXTERN	-0.140	0.028	-5.046	0.000
Thresholds				
K6B1A_R\$1	-1.816	0.098	-18.579	0.000
K6B1A_R\$2	-1.251	0.095	-13.192	0.000
K6B1A_R\$3	0.027	0.092	0.296	0.767
K6B1B_R\$1	-2.017	0.114	-17.618	0.000
K6B1B_R\$2	-1.448	0.108	-13.451	0.000
K6B1B_R\$3	-0.345	0.103	-3.344	0.001
K6B1C_R\$1	-1.703	0.103	-16.544	0.000
K6B1C_R\$2	-1.309	0.100	-13.065	0.000
K6B1C_R\$3	-0.253	0.098	-2.581	0.010
K6B1D_R\$1	-1.916	0.114	-16.838	0.000
K6B1D_R\$2	-1.434	0.109	-13.118	0.000
K6B1D_R\$3	-0.418	0.106	-3.955	0.000
K5E1A\$1	-1.205	0.101	-11.908	0.000
K5E1A\$2	-0.801	0.099	-8.053	0.000
K5E1A\$3	-0.532	0.099	-5.394	0.000
K5E1A\$4	-0.115	0.098	-1.171	0.242
K5E1B\$1	-0.933	0.093	-10.028	0.000
K5E1B\$2	-0.536	0.092	-5.803	0.000
K5E1B\$3	-0.237	0.092	-2.566	0.010
K5E1B\$4	0.219	0.092	2.373	0.018
K5E1C\$1	-1.258	0.101	-12.509	0.000
K5E1C\$2	-0.916	0.100	-9.181	0.000
K5E1C\$3	-0.612	0.099	-6.157	0.000
K5E1C\$4	-0.158	0.100	-1.586	0.113
K5E1D\$1	-1.227	0.111	-11.020	0.000
K5E1D\$2	-0.934	0.109	-8.565	0.000
K5E1D\$3	-0.689	0.108	-6.375	0.000
K5E1D\$4	-0.304	0.108	-2.824	0.005
K6D2AG_R\$1	0.180	0.089	2.021	0.043
K6D2AG_R\$2	0.722	0.090	8.068	0.000
K6D2AG_R\$3	1.700	0.096	17.780	0.000

K6D2AI_R\$1	0.249	0.096	2.603	0.009
K6D2AI_R\$2	0.775	0.096	8.044	0.000
K6D2AI_R\$3	1.533	0.100	15.325	0.000
K6D2D_R\$1	0.233	0.093	2.514	0.012
K6D2D_R\$2	0.765	0.093	8.221	0.000
K6D2D_R\$3	1.616	0.099	16.245	0.000
K6D2J_R\$1	-0.623	0.091	-6.873	0.000
K6D2J_R\$2	0.087	0.090	0.968	0.333
K6D2J_R\$3	1.264	0.095	13.243	0.000
K6D2T_R\$1	0.450	0.095	4.735	0.000
K6D2T_R\$2	0.895	0.096	9.354	0.000
K6D2T_R\$3	1.702	0.100	17.022	0.000
K6D2AC_R\$1	0.372	0.100	3.726	0.000
K6D2AC_R\$2	0.816	0.101	8.046	0.000
K6D2AC_R\$3	1.687	0.107	15.806	0.000
K6D2AK_R\$1	-0.364	0.092	-3.936	0.000
K6D2AK_R\$2	0.169	0.092	1.823	0.068
K6D2AK_R\$3	1.060	0.097	10.892	0.000
K6D2C_R\$1	-0.472	0.089	-5.288	0.000
K6D2C_R\$2	0.008	0.089	0.086	0.931
K6D2C_R\$3	1.022	0.091	11.285	0.000
K6D2N_R\$1	0.159	0.092	1.729	0.084
K6D2N_R\$2	0.740	0.093	7.936	0.000
K6D2N_R\$3	1.700	0.100	17.032	0.000
K6D2X_R\$1	0.840	0.115	7.310	0.000
K6D2X_R\$2	1.254	0.117	10.684	0.000
K6D2X_R\$3	2.022	0.131	15.448	0.000
K6D2A_R\$1	-1.019	0.096	-10.655	0.000
K6D2A_R\$2	-0.411	0.094	-4.388	0.000
K6D2A_R\$3	0.879	0.096	9.200	0.000
K6D2P_R\$1	-0.946	0.088	-10.758	0.000
K6D2P_R\$2	-0.350	0.087	-4.019	0.000
K6D2P_R\$3	0.771	0.089	8.643	0.000
K6D2R_R\$1	-1.194	0.090	-13.203	0.000
K6D2R_R\$2	-0.458	0.089	-5.153	0.000
K6D2R_R\$3	0.828	0.091	9.131	0.000
K6D2Z_R\$1	-1.179	0.089	-13.235	0.000
K6D2Z_R\$2	-0.539	0.088	-6.141	0.000
K6D2Z_R\$3	0.766	0.089	8.603	0.000
K6D2AB_R\$1	-0.878	0.088	-9.989	0.000
K6D2AB_R\$2	-0.234	0.087	-2.684	0.007
K6D2AB_R\$3	0.788	0.089	8.863	0.000
K6D2AJ_R\$1	-0.472	0.084	-5.603	0.000
K6D2AJ_R\$2	0.028	0.084	0.337	0.736
K6D2AJ_R\$3	0.927	0.087	10.660	0.000
K6D61C\$1	1.199	0.152	7.875	0.000
K6D61C\$2	1.944	0.158	12.301	0.000
K6D61C\$3	2.223	0.166	13.429	0.000
K6D61D\$1	0.150	0.110	1.367	0.172
K6D61D\$2	1.083	0.113	9.551	0.000

K6D61D\$3	1.526	0.121	12.580	0.000
K6D61E\$1	1.024	0.156	6.578	0.000
K6D61E\$2	1.874	0.160	11.686	0.000
K6D61E\$3	2.262	0.183	12.337	0.000
K6D61K\$1	1.165	0.138	8.432	0.000
K6D61K\$2	1.977	0.147	13.426	0.000
K6D61K\$3	2.228	0.154	14.473	0.000
K6D61L\$1	0.740	0.143	5.182	0.000
K6D61L\$2	1.628	0.152	10.737	0.000
K6D61L\$3	2.009	0.167	12.043	0.000
K6D61M\$1	0.386	0.103	3.739	0.000
K6D61M\$2	1.260	0.107	11.742	0.000
K6D61M\$3	1.641	0.113	14.545	0.000
K6D40_R\$1	0.871	0.167	5.215	0.000
K6D48_R\$1	0.795	0.118	6.761	0.000
K6F63_R\$1	0.537	0.113	4.774	0.000
K6F68_R\$1	1.794	0.244	7.351	0.000
K6F74_R\$1	1.877	0.267	7.035	0.000
K6D2B_R\$1	-2.151	0.115	-18.627	0.000
K6D2B_R\$2	-1.737	0.111	-15.683	0.000
K6D2B_R\$3	-0.739	0.106	-6.984	0.000
K6D2F_R\$1	-1.839	0.109	-16.899	0.000
K6D2F_R\$2	-1.339	0.102	-13.146	0.000
K6D2F_R\$3	-0.099	0.098	-1.007	0.314
K6D2G_R\$1	-2.148	0.141	-15.267	0.000
K6D2G_R\$2	-1.867	0.130	-14.328	0.000
K6D2G_R\$3	-0.857	0.120	-7.127	0.000
K6D2I_R\$1	-1.932	0.105	-18.372	0.000
K6D2I_R\$2	-1.213	0.097	-12.471	0.000
K6D2I_R\$3	0.181	0.094	1.926	0.054
K6D2K_R\$1	-2.192	0.106	-20.685	0.000
K6D2K_R\$2	-1.449	0.097	-14.995	0.000
K6D2K_R\$3	-0.048	0.093	-0.517	0.605
K6D2L_R\$1	-2.307	0.165	-13.970	0.000
K6D2L_R\$2	-1.963	0.140	-14.004	0.000
K6D2L_R\$3	-1.008	0.131	-7.689	0.000
K6D2M_R\$1	-2.154	0.109	-19.721	0.000
K6D2M_R\$2	-1.460	0.097	-15.029	0.000
K6D2M_R\$3	0.134	0.093	1.435	0.151
K6D20_R\$1	-1.492	0.104	-14.286	0.000
K6D20_R\$2	-1.169	0.101	-11.523	0.000
K6D20_R\$3	-0.219	0.099	-2.214	0.027
K6D2S_R\$1	-2.111	0.109	-19.403	0.000
K6D2S_R\$2	-1.549	0.101	-15.311	0.000
K6D2S_R\$3	-0.346	0.097	-3.568	0.000
K6D2V_R\$1	-2.286	0.129	-17.718	0.000
K6D2V_R\$2	-1.765	0.111	-15.964	0.000
K6D2V_R\$3	-0.187	0.101	-1.848	0.065
K6D2W_R\$1	-2.038	0.111	-18.280	0.000
K6D2W_R\$2	-1.345	0.100	-13.490	0.000

K6D2W_R\$3	-0.073	0.096	-0.760	0.447
K6D2Y_R\$1	-2.130	0.120	-17.757	0.000
K6D2Y_R\$2	-1.593	0.109	-14.578	0.000
K6D2Y_R\$3	-0.622	0.105	-5.946	0.000
K6D2AA_R\$1	-2.286	0.122	-18.757	0.000
K6D2AA_R\$2	-1.694	0.110	-15.347	0.000
K6D2AA_R\$3	-0.480	0.102	-4.690	0.000
K6D2AE_R\$1	-1.871	0.094	-19.799	0.000
K6D2AE_R\$2	-1.154	0.091	-12.682	0.000
K6D2AE_R\$3	0.389	0.089	4.389	0.000
K6D2AF_R\$1	-2.016	0.138	-14.630	0.000
K6D2AF_R\$2	-1.713	0.130	-13.157	0.000
K6D2AF_R\$3	-0.586	0.117	-5.008	0.000
K6D2AH_R\$1	-1.606	0.105	-15.283	0.000
K6D2AH_R\$2	-1.213	0.101	-11.997	0.000
K6D2AH_R\$3	0.034	0.096	0.350	0.726
P5Q3M\$1	0.765	0.123	6.217	0.000
P5Q3M\$2	1.814	0.135	13.471	0.000
P5Q3AB\$1	0.725	0.114	6.376	0.000
P5Q3AB\$2	2.174	0.122	17.774	0.000
P5Q3AD\$1	0.827	0.137	6.050	0.000
P5Q3AD\$2	1.944	0.157	12.355	0.000
P5Q3AF\$1	1.126	0.134	8.381	0.000
P5Q3AF\$2	2.251	0.152	14.858	0.000
P5Q3AH\$1	1.460	0.154	9.453	0.000
P5Q3AH\$2	2.399	0.173	13.857	0.000
P5Q3AR\$1	1.120	0.132	8.488	0.000
P5Q3AR\$2	2.129	0.147	14.532	0.000
P5Q3AV\$1	1.027	0.133	7.718	0.000
P5Q3AV\$2	2.117	0.151	14.038	0.000
P5Q3AX\$1	1.280	0.180	7.100	0.000
P5Q3AX\$2	2.367	0.211	11.201	0.000
P5Q3BQ\$1	0.164	0.104	1.570	0.116
P5Q3BQ\$2	1.731	0.112	15.503	0.000
P5Q3CK\$1	2.000	0.235	8.518	0.000
P5Q3CK\$2	2.542	0.262	9.707	0.000
P5Q3DB\$1	0.406	0.104	3.913	0.000
P5Q3DB\$2	1.856	0.113	16.378	0.000
P5Q3E\$1	0.813	0.134	6.073	0.000
P5Q3E\$2	1.728	0.141	12.270	0.000
P5Q3A0\$1	0.781	0.126	6.217	0.000
P5Q3A0\$2	1.867	0.142	13.147	0.000
P5Q3BK\$1	0.996	0.134	7.443	0.000
P5Q3BK\$2	2.108	0.162	13.036	0.000
P5Q3B0\$1	0.661	0.110	5.988	0.000
P5Q3B0\$2	1.981	0.125	15.907	0.000
P5Q3CU\$1	1.283	0.144	8.890	0.000
P5Q3CU\$2	2.171	0.158	13.740	0.000
P5Q3DA\$1	1.108	0.135	8.217	0.000
P5Q3DA\$2	2.226	0.150	14.856	0.000

P5Q3AS\$1	0.787	0.117	6.710	0.000
P5Q3AS\$2	2.404	0.136	17.700	0.000
P5Q3AU\$1	1.413	0.146	9.660	0.000
P5Q3AU\$2	2.339	0.161	14.562	0.000
P5Q3AZ\$1	1.597	0.181	8.822	0.000
P5Q3AZ\$2	2.572	0.214	12.000	0.000
P5Q3BB1\$1	1.064	0.136	7.842	0.000
P5Q3BB1\$2	2.104	0.152	13.816	0.000
P5Q3BB2\$1	0.679	0.122	5.587	0.000
P5Q3BB2\$2	1.921	0.138	13.947	0.000
P5Q3BB5\$1	1.110	0.127	8.733	0.000
P5Q3BB5\$2	1.966	0.128	15.404	0.000
P5Q3BB6\$1	1.047	0.129	8.111	0.000
P5Q3BB6\$2	2.355	0.159	14.777	0.000
P5Q3BB7\$1	1.546	0.189	8.165	0.000
P5Q3BB7\$2	2.430	0.207	11.741	0.000
P5Q3X\$1	0.614	0.116	5.276	0.000
P5Q3X\$2	1.725	0.126	13.676	0.000
P5Q3AA\$1	-0.145	0.097	-1.500	0.134
P5Q3AA\$2	1.622	0.104	15.563	0.000
P5Q3AL\$1	0.996	0.145	6.892	0.000
P5Q3AL\$2	2.180	0.169	12.933	0.000
P5Q3AP\$1	0.516	0.105	4.926	0.000
P5Q3AP\$2	2.139	0.116	18.490	0.000
P5Q3BI\$1	0.241	0.103	2.348	0.019
P5Q3BI\$2	1.592	0.106	14.956	0.000
P5Q3BZ\$1	1.833	0.264	6.930	0.000
P5Q3BZ\$2	2.563	0.273	9.393	0.000
P5Q3CJ\$1	1.111	0.179	6.210	0.000
P5Q3CJ\$2	2.153	0.200	10.784	0.000
P5Q3C\$1	-0.166	0.093	-1.795	0.073
P5Q3C\$2	1.166	0.095	12.271	0.000
P5Q30\$1	0.925	0.129	7.187	0.000
P5Q30\$2	1.876	0.138	13.589	0.000
P5Q3R\$1	0.148	0.100	1.474	0.140
P5Q3R\$2	1.262	0.104	12.080	0.000
P5Q3S\$1	0.688	0.120	5.744	0.000
P5Q3S\$2	1.623	0.122	13.254	0.000
P5Q3T\$1	0.675	0.129	5.237	0.000
P5Q3T\$2	1.866	0.143	13.087	0.000
P5Q3U\$1	-0.108	0.092	-1.175	0.240
P5Q3U\$2	1.686	0.097	17.298	0.000
P5Q3V\$1	0.198	0.107	1.849	0.064
P5Q3V\$2	1.693	0.116	14.552	0.000
P5Q3AJ\$1	1.140	0.157	7.262	0.000
P5Q3AJ\$2	2.045	0.172	11.892	0.000
P5Q3BC\$1	1.419	0.214	6.621	0.000
P5Q3BC\$2	2.240	0.232	9.644	0.000
P5Q3BN\$1	0.633	0.122	5.179	0.000
P5Q3BN\$2	1.665	0.130	12.812	0.000

P5Q3CF\$1	0.235	0.105	2.244	0.025
P5Q3CF\$2	1.643	0.116	14.162	0.000
P5Q3CG\$1	0.506	0.111	4.576	0.000
P5Q3CG\$2	1.900	0.123	15.461	0.000
P5Q3CH\$1	0.994	0.132	7.556	0.000
P5Q3CH\$2	2.198	0.152	14.446	0.000
P5Q3CI\$1	1.248	0.155	8.030	0.000
P5Q3CI\$2	2.394	0.181	13.205	0.000
P5Q3CN\$1	0.709	0.122	5.798	0.000
P5Q3CN\$2	1.951	0.135	14.475	0.000
P5Q3C0\$1	0.283	0.104	2.715	0.007
P5Q3C0\$2	1.415	0.108	13.138	0.000
P5Q3CQ\$1	1.337	0.177	7.554	0.000
P5Q3CQ\$2	2.108	0.193	10.935	0.000
P5Q3CW\$1	0.712	0.118	6.008	0.000
P5Q3CW\$2	1.795	0.122	14.746	0.000

Variances

SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000

Residual Variances

INTERNALIZ	0.804	0.019	41.875	0.000
EXTERN	0.746	0.042	17.708	0.000
PAF	0.651	0.023	27.830	0.000
INCBCL	0.227	0.086	2.625	0.009
EXCBCL	0.236	0.078	3.014	0.003

STDY Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.652	0.020	31.917	0.000
K6B1B_R	0.787	0.019	41.576	0.000
K6B1C_R	0.758	0.019	39.417	0.000
K6B1D_R	0.619	0.025	24.579	0.000
SC9 BY				
K5E1A	0.163	0.028	5.762	0.000
K5E1B	0.124	0.028	4.479	0.000
K5E1C	0.194	0.028	6.847	0.000
K5E1D	0.205	0.031	6.628	0.000
INTERNAL BY				
K6D2AG_R	0.767	0.012	61.519	0.000
K6D2AI_R	0.586	0.019	31.299	0.000
K6D2D_R	0.639	0.017	36.933	0.000

K6D2J_R	0.580	0.017	33.638	0.000
K6D2T_R	0.672	0.017	40.080	0.000
K6D2AC_R	0.854	0.012	71.640	0.000
K6D2AK_R	0.565	0.019	30.075	0.000
K6D2C_R	0.601	0.018	33.870	0.000
K6D2N_R	0.830	0.011	72.562	0.000
K6D2X_R	0.785	0.018	42.652	0.000
EXTERN BY				
K6D2A_R	0.498	0.020	25.355	0.000
K6D2P_R	0.718	0.014	49.496	0.000
K6D2R_R	0.522	0.019	27.067	0.000
K6D2Z_R	0.574	0.018	31.159	0.000
K6D2AB_R	0.591	0.017	35.162	0.000
K6D2AJ_R	0.742	0.014	51.591	0.000
K6D61C	0.880	0.014	61.793	0.000
K6D61D	0.625	0.020	31.034	0.000
K6D61E	0.618	0.027	22.515	0.000
K6D61K	0.854	0.014	62.035	0.000
K6D61L	0.550	0.027	20.609	0.000
K6D61M	0.489	0.024	20.576	0.000
K6D40_R	0.675	0.031	21.541	0.000
K6D48_R	0.569	0.026	22.166	0.000
K6F63_R	0.599	0.023	25.729	0.000
K6F68_R	0.699	0.052	13.491	0.000
K6F74_R	0.663	0.044	15.234	0.000
PAF BY				
K6D2B_R	0.769	0.016	46.873	0.000
K6D2F_R	0.673	0.016	42.640	0.000
K6D2G_R	0.459	0.027	16.896	0.000
K6D2I_R	0.509	0.019	26.668	0.000
K6D2K_R	0.588	0.018	33.297	0.000
K6D2L_R	0.729	0.022	33.081	0.000
K6D2M_R	0.601	0.018	34.104	0.000
K6D2O_R	0.579	0.018	32.246	0.000
K6D2S_R	0.871	0.011	78.011	0.000
K6D2V_R	0.608	0.019	31.989	0.000
K6D2W_R	0.664	0.016	41.347	0.000
K6D2Y_R	0.645	0.020	32.761	0.000
K6D2AA_R	0.714	0.015	47.126	0.000
K6D2AE_R	0.475	0.019	24.660	0.000
K6D2AF_R	0.622	0.022	28.449	0.000
K6D2AH_R	0.482	0.021	22.454	0.000
INCBCL BY				
P5Q3M	0.640	0.025	25.851	0.000
P5Q3AB	0.456	0.025	17.995	0.000
P5Q3AD	0.592	0.029	20.093	0.000
P5Q3AF	0.710	0.025	28.302	0.000

P5Q3AH	0.842	0.026	32.316	0.000
P5Q3AR	0.604	0.029	20.811	0.000
P5Q3AV	0.752	0.022	34.618	0.000
P5Q3AX	0.757	0.030	25.269	0.000
P5Q3BQ	0.608	0.021	29.345	0.000
P5Q3CK	0.878	0.034	25.628	0.000
P5Q3DB	0.592	0.022	26.342	0.000
P5Q3E	0.492	0.033	14.698	0.000
P5Q3A0	0.564	0.028	20.374	0.000
P5Q3BK	0.674	0.027	24.794	0.000
P5Q3B0	0.653	0.022	29.628	0.000
P5Q3CU	0.657	0.031	21.116	0.000
P5Q3DA	0.721	0.027	26.745	0.000
P5Q3AS	0.559	0.023	24.448	0.000
P5Q3AU	0.507	0.039	12.956	0.000
P5Q3AZ	0.739	0.029	25.553	0.000
P5Q3BB1	0.630	0.030	20.737	0.000
P5Q3BB2	0.522	0.028	18.410	0.000
P5Q3BB5	0.404	0.034	11.829	0.000
P5Q3BB6	0.622	0.027	23.439	0.000
P5Q3BB7	0.573	0.041	14.137	0.000

EXCBCL BY

P5Q3X	0.595	0.023	25.628	0.000
P5Q3AA	0.741	0.013	55.323	0.000
P5Q3AL	0.648	0.026	25.075	0.000
P5Q3AP	0.724	0.016	44.833	0.000
P5Q3BI	0.426	0.024	17.461	0.000
P5Q3BZ	0.767	0.034	22.757	0.000
P5Q3CJ	0.750	0.026	29.268	0.000
P5Q3C	0.648	0.017	37.926	0.000
P5Q30	0.769	0.018	42.309	0.000
P5Q3R	0.665	0.017	38.701	0.000
P5Q3S	0.789	0.016	49.302	0.000
P5Q3T	0.778	0.016	47.682	0.000
P5Q3U	0.755	0.013	58.235	0.000
P5Q3V	0.713	0.016	43.827	0.000
P5Q3AJ	0.757	0.021	36.456	0.000
P5Q3BC	0.820	0.022	37.444	0.000
P5Q3BN	0.760	0.017	44.571	0.000
P5Q3CF	0.758	0.014	52.774	0.000
P5Q3CG	0.759	0.015	50.772	0.000
P5Q3CH	0.717	0.021	33.365	0.000
P5Q3CI	0.674	0.029	23.335	0.000
P5Q3CN	0.661	0.022	29.410	0.000
P5Q3C0	0.792	0.013	61.074	0.000
P5Q3CQ	0.867	0.022	39.833	0.000
P5Q3CW	0.649	0.021	31.080	0.000

INCBCL ON

SC9		-0.814	0.053	-15.256	0.000
EXCBCL	ON				
SC9		-0.768	0.052	-14.728	0.000
EXTERN	ON				
SC9		0.475	0.206	2.309	0.021
SC15		-0.289	0.024	-12.089	0.000
EXCBCL		0.615	0.220	2.800	0.005
INTERNAL	ON				
SC9		0.022	0.086	0.253	0.800
SC15		-0.367	0.024	-15.423	0.000
INCBCL		0.132	0.088	1.489	0.137
PAF	ON				
SC9		0.012	0.026	0.447	0.655
SC15		0.555	0.021	25.960	0.000
INCBCL	ON				
DEPCOMP		0.357	0.051	7.020	0.000
THREATCOMP		0.320	0.056	5.693	0.000
POVCO_AVG		-0.047	0.011	-4.097	0.000
RACE_AA		-0.258	0.092	-2.811	0.005
RACE_C		0.210	0.100	2.090	0.037
RACE_L		-0.004	0.098	-0.039	0.969
CM1BSEX		-0.076	0.048	-1.597	0.110
EXCBCL	ON				
DEPCOMP		0.225	0.045	4.979	0.000
THREATCOMP		0.538	0.046	11.673	0.000
POVCO_AVG		-0.077	0.011	-7.082	0.000
RACE_AA		-0.083	0.088	-0.943	0.345
RACE_C		0.247	0.098	2.530	0.011
RACE_L		-0.106	0.095	-1.119	0.263
CM1BSEX		-0.247	0.043	-5.780	0.000
EXTERN	ON				
THREATCOMP		-0.029	0.129	-0.223	0.823
DEPCOMP		-0.115	0.067	-1.712	0.087
POVCO_AVG		-0.035	0.021	-1.708	0.088
RACE_AA		-0.097	0.083	-1.167	0.243
RACE_C		-0.339	0.110	-3.095	0.002
RACE_L		-0.111	0.092	-1.208	0.227
CM1BSEX		-0.001	0.071	-0.017	0.986
INTERNAL	ON				
THREATCOMP		0.057	0.055	1.044	0.297
DEPCOMP		0.124	0.053	2.330	0.020
POVCO_AVG		-0.038	0.013	-2.919	0.004

RACE_AA	-0.193	0.089	-2.155	0.031
RACE_C	-0.097	0.100	-0.976	0.329
RACE_L	-0.063	0.093	-0.675	0.499
CM1BSEX	0.243	0.043	5.614	0.000
PAF ON				
THREATCOMP	-0.062	0.046	-1.350	0.177
DEPCOMP	-0.263	0.046	-5.675	0.000
POVCO_AVG	-0.003	0.012	-0.219	0.827
RACE_AA	0.311	0.086	3.602	0.000
RACE_C	-0.012	0.097	-0.126	0.900
RACE_L	0.167	0.092	1.808	0.071
CM1BSEX	-0.143	0.043	-3.290	0.001
SC9 WITH				
SC15	0.129	0.031	4.142	0.000
EXTERN WITH				
INTERNALIZ	0.431	0.025	17.128	0.000
PAF WITH				
INTERNALIZ	-0.499	0.021	-23.736	0.000
EXTERN	-0.140	0.028	-5.046	0.000
Thresholds				
K6B1A_R\$1	-1.816	0.098	-18.579	0.000
K6B1A_R\$2	-1.251	0.095	-13.192	0.000
K6B1A_R\$3	0.027	0.092	0.296	0.767
K6B1B_R\$1	-2.017	0.114	-17.618	0.000
K6B1B_R\$2	-1.448	0.108	-13.451	0.000
K6B1B_R\$3	-0.345	0.103	-3.344	0.001
K6B1C_R\$1	-1.703	0.103	-16.544	0.000
K6B1C_R\$2	-1.309	0.100	-13.065	0.000
K6B1C_R\$3	-0.253	0.098	-2.581	0.010
K6B1D_R\$1	-1.916	0.114	-16.838	0.000
K6B1D_R\$2	-1.434	0.109	-13.118	0.000
K6B1D_R\$3	-0.418	0.106	-3.955	0.000
K5E1A\$1	-1.205	0.101	-11.908	0.000
K5E1A\$2	-0.801	0.099	-8.053	0.000
K5E1A\$3	-0.532	0.099	-5.394	0.000
K5E1A\$4	-0.115	0.098	-1.171	0.242
K5E1B\$1	-0.933	0.093	-10.028	0.000
K5E1B\$2	-0.536	0.092	-5.803	0.000
K5E1B\$3	-0.237	0.092	-2.566	0.010
K5E1B\$4	0.219	0.092	2.373	0.018
K5E1C\$1	-1.258	0.101	-12.509	0.000
K5E1C\$2	-0.916	0.100	-9.181	0.000
K5E1C\$3	-0.612	0.099	-6.157	0.000
K5E1C\$4	-0.158	0.100	-1.586	0.113
K5E1D\$1	-1.227	0.111	-11.020	0.000

K5E1D\$2	-0.934	0.109	-8.565	0.000
K5E1D\$3	-0.689	0.108	-6.375	0.000
K5E1D\$4	-0.304	0.108	-2.824	0.005
K6D2AG_R\$1	0.180	0.089	2.021	0.043
K6D2AG_R\$2	0.722	0.090	8.068	0.000
K6D2AG_R\$3	1.700	0.096	17.780	0.000
K6D2AI_R\$1	0.249	0.096	2.603	0.009
K6D2AI_R\$2	0.775	0.096	8.044	0.000
K6D2AI_R\$3	1.533	0.100	15.325	0.000
K6D2D_R\$1	0.233	0.093	2.514	0.012
K6D2D_R\$2	0.765	0.093	8.221	0.000
K6D2D_R\$3	1.616	0.099	16.245	0.000
K6D2J_R\$1	-0.623	0.091	-6.873	0.000
K6D2J_R\$2	0.087	0.090	0.968	0.333
K6D2J_R\$3	1.264	0.095	13.243	0.000
K6D2T_R\$1	0.450	0.095	4.735	0.000
K6D2T_R\$2	0.895	0.096	9.354	0.000
K6D2T_R\$3	1.702	0.100	17.022	0.000
K6D2AC_R\$1	0.372	0.100	3.726	0.000
K6D2AC_R\$2	0.816	0.101	8.046	0.000
K6D2AC_R\$3	1.687	0.107	15.806	0.000
K6D2AK_R\$1	-0.364	0.092	-3.936	0.000
K6D2AK_R\$2	0.169	0.092	1.823	0.068
K6D2AK_R\$3	1.060	0.097	10.892	0.000
K6D2C_R\$1	-0.472	0.089	-5.288	0.000
K6D2C_R\$2	0.008	0.089	0.086	0.931
K6D2C_R\$3	1.022	0.091	11.285	0.000
K6D2N_R\$1	0.159	0.092	1.729	0.084
K6D2N_R\$2	0.740	0.093	7.936	0.000
K6D2N_R\$3	1.700	0.100	17.032	0.000
K6D2X_R\$1	0.840	0.115	7.310	0.000
K6D2X_R\$2	1.254	0.117	10.684	0.000
K6D2X_R\$3	2.022	0.131	15.448	0.000
K6D2A_R\$1	-1.019	0.096	-10.655	0.000
K6D2A_R\$2	-0.411	0.094	-4.388	0.000
K6D2A_R\$3	0.879	0.096	9.200	0.000
K6D2P_R\$1	-0.946	0.088	-10.758	0.000
K6D2P_R\$2	-0.350	0.087	-4.019	0.000
K6D2P_R\$3	0.771	0.089	8.643	0.000
K6D2R_R\$1	-1.194	0.090	-13.203	0.000
K6D2R_R\$2	-0.458	0.089	-5.153	0.000
K6D2R_R\$3	0.828	0.091	9.131	0.000
K6D2Z_R\$1	-1.179	0.089	-13.235	0.000
K6D2Z_R\$2	-0.539	0.088	-6.141	0.000
K6D2Z_R\$3	0.766	0.089	8.603	0.000
K6D2AB_R\$1	-0.878	0.088	-9.989	0.000
K6D2AB_R\$2	-0.234	0.087	-2.684	0.007
K6D2AB_R\$3	0.788	0.089	8.863	0.000
K6D2AJ_R\$1	-0.472	0.084	-5.603	0.000
K6D2AJ_R\$2	0.028	0.084	0.337	0.736

K6D2AJ_R\$3	0.927	0.087	10.660	0.000
K6D61C\$1	1.199	0.152	7.875	0.000
K6D61C\$2	1.944	0.158	12.301	0.000
K6D61C\$3	2.223	0.166	13.429	0.000
K6D61D\$1	0.150	0.110	1.367	0.172
K6D61D\$2	1.083	0.113	9.551	0.000
K6D61D\$3	1.526	0.121	12.580	0.000
K6D61E\$1	1.024	0.156	6.578	0.000
K6D61E\$2	1.874	0.160	11.686	0.000
K6D61E\$3	2.262	0.183	12.337	0.000
K6D61K\$1	1.165	0.138	8.432	0.000
K6D61K\$2	1.977	0.147	13.426	0.000
K6D61K\$3	2.228	0.154	14.473	0.000
K6D61L\$1	0.740	0.143	5.182	0.000
K6D61L\$2	1.628	0.152	10.737	0.000
K6D61L\$3	2.009	0.167	12.043	0.000
K6D61M\$1	0.386	0.103	3.739	0.000
K6D61M\$2	1.260	0.107	11.742	0.000
K6D61M\$3	1.641	0.113	14.545	0.000
K6D40_R\$1	0.871	0.167	5.215	0.000
K6D48_R\$1	0.795	0.118	6.761	0.000
K6F63_R\$1	0.537	0.113	4.774	0.000
K6F68_R\$1	1.794	0.244	7.351	0.000
K6F74_R\$1	1.877	0.267	7.035	0.000
K6D2B_R\$1	-2.151	0.115	-18.627	0.000
K6D2B_R\$2	-1.737	0.111	-15.683	0.000
K6D2B_R\$3	-0.739	0.106	-6.984	0.000
K6D2F_R\$1	-1.839	0.109	-16.899	0.000
K6D2F_R\$2	-1.339	0.102	-13.146	0.000
K6D2F_R\$3	-0.099	0.098	-1.007	0.314
K6D2G_R\$1	-2.148	0.141	-15.267	0.000
K6D2G_R\$2	-1.867	0.130	-14.328	0.000
K6D2G_R\$3	-0.857	0.120	-7.127	0.000
K6D2I_R\$1	-1.932	0.105	-18.372	0.000
K6D2I_R\$2	-1.213	0.097	-12.471	0.000
K6D2I_R\$3	0.181	0.094	1.926	0.054
K6D2K_R\$1	-2.192	0.106	-20.685	0.000
K6D2K_R\$2	-1.449	0.097	-14.995	0.000
K6D2K_R\$3	-0.048	0.093	-0.517	0.605
K6D2L_R\$1	-2.307	0.165	-13.970	0.000
K6D2L_R\$2	-1.963	0.140	-14.004	0.000
K6D2L_R\$3	-1.008	0.131	-7.689	0.000
K6D2M_R\$1	-2.154	0.109	-19.721	0.000
K6D2M_R\$2	-1.460	0.097	-15.029	0.000
K6D2M_R\$3	0.134	0.093	1.435	0.151
K6D20_R\$1	-1.492	0.104	-14.286	0.000
K6D20_R\$2	-1.169	0.101	-11.523	0.000
K6D20_R\$3	-0.219	0.099	-2.214	0.027
K6D2S_R\$1	-2.111	0.109	-19.403	0.000
K6D2S_R\$2	-1.549	0.101	-15.311	0.000

K6D2S_R\$3	-0.346	0.097	-3.568	0.000
K6D2V_R\$1	-2.286	0.129	-17.718	0.000
K6D2V_R\$2	-1.765	0.111	-15.964	0.000
K6D2V_R\$3	-0.187	0.101	-1.848	0.065
K6D2W_R\$1	-2.038	0.111	-18.280	0.000
K6D2W_R\$2	-1.345	0.100	-13.490	0.000
K6D2W_R\$3	-0.073	0.096	-0.760	0.447
K6D2Y_R\$1	-2.130	0.120	-17.757	0.000
K6D2Y_R\$2	-1.593	0.109	-14.578	0.000
K6D2Y_R\$3	-0.622	0.105	-5.946	0.000
K6D2AA_R\$1	-2.286	0.122	-18.757	0.000
K6D2AA_R\$2	-1.694	0.110	-15.347	0.000
K6D2AA_R\$3	-0.480	0.102	-4.690	0.000
K6D2AE_R\$1	-1.871	0.094	-19.799	0.000
K6D2AE_R\$2	-1.154	0.091	-12.682	0.000
K6D2AE_R\$3	0.389	0.089	4.389	0.000
K6D2AF_R\$1	-2.016	0.138	-14.630	0.000
K6D2AF_R\$2	-1.713	0.130	-13.157	0.000
K6D2AF_R\$3	-0.586	0.117	-5.008	0.000
K6D2AH_R\$1	-1.606	0.105	-15.283	0.000
K6D2AH_R\$2	-1.213	0.101	-11.997	0.000
K6D2AH_R\$3	0.034	0.096	0.350	0.726
P5Q3M\$1	0.765	0.123	6.217	0.000
P5Q3M\$2	1.814	0.135	13.471	0.000
P5Q3AB\$1	0.725	0.114	6.376	0.000
P5Q3AB\$2	2.174	0.122	17.774	0.000
P5Q3AD\$1	0.827	0.137	6.050	0.000
P5Q3AD\$2	1.944	0.157	12.355	0.000
P5Q3AF\$1	1.126	0.134	8.381	0.000
P5Q3AF\$2	2.251	0.152	14.858	0.000
P5Q3AH\$1	1.460	0.154	9.453	0.000
P5Q3AH\$2	2.399	0.173	13.857	0.000
P5Q3AR\$1	1.120	0.132	8.488	0.000
P5Q3AR\$2	2.129	0.147	14.532	0.000
P5Q3AV\$1	1.027	0.133	7.718	0.000
P5Q3AV\$2	2.117	0.151	14.038	0.000
P5Q3AX\$1	1.280	0.180	7.100	0.000
P5Q3AX\$2	2.367	0.211	11.201	0.000
P5Q3BQ\$1	0.164	0.104	1.570	0.116
P5Q3BQ\$2	1.731	0.112	15.503	0.000
P5Q3CK\$1	2.000	0.235	8.518	0.000
P5Q3CK\$2	2.542	0.262	9.707	0.000
P5Q3DB\$1	0.406	0.104	3.913	0.000
P5Q3DB\$2	1.856	0.113	16.378	0.000
P5Q3E\$1	0.813	0.134	6.073	0.000
P5Q3E\$2	1.728	0.141	12.270	0.000
P5Q3A0\$1	0.781	0.126	6.217	0.000
P5Q3A0\$2	1.867	0.142	13.147	0.000
P5Q3BK\$1	0.996	0.134	7.443	0.000
P5Q3BK\$2	2.108	0.162	13.036	0.000

P5Q3B0\$1	0.661	0.110	5.988	0.000
P5Q3B0\$2	1.981	0.125	15.907	0.000
P5Q3CU\$1	1.283	0.144	8.890	0.000
P5Q3CU\$2	2.171	0.158	13.740	0.000
P5Q3DA\$1	1.108	0.135	8.217	0.000
P5Q3DA\$2	2.226	0.150	14.856	0.000
P5Q3AS\$1	0.787	0.117	6.710	0.000
P5Q3AS\$2	2.404	0.136	17.700	0.000
P5Q3AU\$1	1.413	0.146	9.660	0.000
P5Q3AU\$2	2.339	0.161	14.562	0.000
P5Q3AZ\$1	1.597	0.181	8.822	0.000
P5Q3AZ\$2	2.572	0.214	12.000	0.000
P5Q3BB1\$1	1.064	0.136	7.842	0.000
P5Q3BB1\$2	2.104	0.152	13.816	0.000
P5Q3BB2\$1	0.679	0.122	5.587	0.000
P5Q3BB2\$2	1.921	0.138	13.947	0.000
P5Q3BB5\$1	1.110	0.127	8.733	0.000
P5Q3BB5\$2	1.966	0.128	15.404	0.000
P5Q3BB6\$1	1.047	0.129	8.111	0.000
P5Q3BB6\$2	2.355	0.159	14.777	0.000
P5Q3BB7\$1	1.546	0.189	8.165	0.000
P5Q3BB7\$2	2.430	0.207	11.741	0.000
P5Q3X\$1	0.614	0.116	5.276	0.000
P5Q3X\$2	1.725	0.126	13.676	0.000
P5Q3AA\$1	-0.145	0.097	-1.500	0.134
P5Q3AA\$2	1.622	0.104	15.563	0.000
P5Q3AL\$1	0.996	0.145	6.892	0.000
P5Q3AL\$2	2.180	0.169	12.933	0.000
P5Q3AP\$1	0.516	0.105	4.926	0.000
P5Q3AP\$2	2.139	0.116	18.490	0.000
P5Q3BI\$1	0.241	0.103	2.348	0.019
P5Q3BI\$2	1.592	0.106	14.956	0.000
P5Q3BZ\$1	1.833	0.264	6.930	0.000
P5Q3BZ\$2	2.563	0.273	9.393	0.000
P5Q3CJ\$1	1.111	0.179	6.210	0.000
P5Q3CJ\$2	2.153	0.200	10.784	0.000
P5Q3C\$1	-0.166	0.093	-1.795	0.073
P5Q3C\$2	1.166	0.095	12.271	0.000
P5Q30\$1	0.925	0.129	7.187	0.000
P5Q30\$2	1.876	0.138	13.589	0.000
P5Q3R\$1	0.148	0.100	1.474	0.140
P5Q3R\$2	1.262	0.104	12.080	0.000
P5Q3S\$1	0.688	0.120	5.744	0.000
P5Q3S\$2	1.623	0.122	13.254	0.000
P5Q3T\$1	0.675	0.129	5.237	0.000
P5Q3T\$2	1.866	0.143	13.087	0.000
P5Q3U\$1	-0.108	0.092	-1.175	0.240
P5Q3U\$2	1.686	0.097	17.298	0.000
P5Q3V\$1	0.198	0.107	1.849	0.064
P5Q3V\$2	1.693	0.116	14.552	0.000

P5Q3AJ\$1	1.140	0.157	7.262	0.000
P5Q3AJ\$2	2.045	0.172	11.892	0.000
P5Q3BC\$1	1.419	0.214	6.621	0.000
P5Q3BC\$2	2.240	0.232	9.644	0.000
P5Q3BN\$1	0.633	0.122	5.179	0.000
P5Q3BN\$2	1.665	0.130	12.812	0.000
P5Q3CF\$1	0.235	0.105	2.244	0.025
P5Q3CF\$2	1.643	0.116	14.162	0.000
P5Q3CG\$1	0.506	0.111	4.576	0.000
P5Q3CG\$2	1.900	0.123	15.461	0.000
P5Q3CH\$1	0.994	0.132	7.556	0.000
P5Q3CH\$2	2.198	0.152	14.446	0.000
P5Q3CI\$1	1.248	0.155	8.030	0.000
P5Q3CI\$2	2.394	0.181	13.205	0.000
P5Q3CN\$1	0.709	0.122	5.798	0.000
P5Q3CN\$2	1.951	0.135	14.475	0.000
P5Q3C0\$1	0.283	0.104	2.715	0.007
P5Q3C0\$2	1.415	0.108	13.138	0.000
P5Q3CQ\$1	1.337	0.177	7.554	0.000
P5Q3CQ\$2	2.108	0.193	10.935	0.000
P5Q3CW\$1	0.712	0.118	6.008	0.000
P5Q3CW\$2	1.795	0.122	14.746	0.000

Variances

SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000

Residual Variances

INTERNALIZ	0.804	0.019	41.875	0.000
EXTERN	0.746	0.042	17.708	0.000
PAF	0.651	0.023	27.830	0.000
INCBCL	0.227	0.086	2.625	0.009
EXCBCL	0.236	0.078	3.014	0.003

STD Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.652	0.020	31.917	0.000
K6B1B_R	0.787	0.019	41.576	0.000
K6B1C_R	0.758	0.019	39.417	0.000
K6B1D_R	0.619	0.025	24.579	0.000
SC9 BY				
K5E1A	0.163	0.028	5.762	0.000
K5E1B	0.124	0.028	4.479	0.000
K5E1C	0.194	0.028	6.847	0.000

K5E1D	0.205	0.031	6.628	0.000
INTERNAL BY				
K6D2AG_R	0.777	0.013	58.873	0.000
K6D2AI_R	0.590	0.019	30.781	0.000
K6D2D_R	0.645	0.018	36.137	0.000
K6D2J_R	0.585	0.018	33.048	0.000
K6D2T_R	0.678	0.017	39.123	0.000
K6D2AC_R	0.867	0.013	66.887	0.000
K6D2AK_R	0.568	0.019	29.596	0.000
K6D2C_R	0.606	0.018	33.230	0.000
K6D2N_R	0.842	0.012	68.182	0.000
K6D2X_R	0.796	0.019	41.041	0.000
EXTERN BY				
K6D2A_R	0.503	0.020	24.806	0.000
K6D2P_R	0.733	0.016	46.536	0.000
K6D2R_R	0.528	0.020	26.357	0.000
K6D2Z_R	0.582	0.019	30.074	0.000
K6D2AB_R	0.599	0.018	33.941	0.000
K6D2AJ_R	0.759	0.016	48.379	0.000
K6D61C	0.909	0.017	54.833	0.000
K6D61D	0.635	0.021	29.882	0.000
K6D61E	0.627	0.029	21.712	0.000
K6D61K	0.880	0.016	55.430	0.000
K6D61L	0.556	0.028	20.042	0.000
K6D61M	0.493	0.024	20.146	0.000
K6D40_R	0.688	0.033	20.637	0.000
K6D48_R	0.576	0.027	21.522	0.000
K6F63_R	0.608	0.024	24.869	0.000
K6F68_R	0.713	0.055	12.935	0.000
K6F74_R	0.675	0.046	14.666	0.000
PAF BY				
K6D2B_R	0.779	0.017	45.132	0.000
K6D2F_R	0.679	0.016	41.602	0.000
K6D2G_R	0.460	0.027	16.749	0.000
K6D2I_R	0.511	0.019	26.361	0.000
K6D2K_R	0.592	0.018	32.746	0.000
K6D2L_R	0.737	0.023	32.248	0.000
K6D2M_R	0.605	0.018	33.489	0.000
K6D2O_R	0.583	0.018	31.740	0.000
K6D2S_R	0.884	0.012	72.803	0.000
K6D2V_R	0.613	0.020	31.383	0.000
K6D2W_R	0.670	0.017	40.336	0.000
K6D2Y_R	0.651	0.020	32.137	0.000
K6D2AA_R	0.722	0.016	45.563	0.000
K6D2AE_R	0.477	0.020	24.431	0.000
K6D2AF_R	0.626	0.022	27.977	0.000
K6D2AH_R	0.485	0.022	22.209	0.000

INCBCL BY

P5Q3M	0.655	0.027	24.506	0.000
P5Q3AB	0.462	0.026	17.584	0.000
P5Q3AD	0.604	0.031	19.344	0.000
P5Q3AF	0.731	0.028	26.525	0.000
P5Q3AH	0.877	0.030	29.432	0.000
P5Q3AR	0.617	0.031	19.986	0.000
P5Q3AV	0.777	0.024	32.028	0.000
P5Q3AX	0.783	0.033	23.685	0.000
P5Q3BQ	0.621	0.022	27.887	0.000
P5Q3CK	0.918	0.039	23.372	0.000
P5Q3DB	0.604	0.024	25.256	0.000
P5Q3E	0.499	0.035	14.315	0.000
P5Q3AO	0.574	0.029	19.669	0.000
P5Q3BK	0.691	0.029	23.555	0.000
P5Q3BO	0.669	0.024	28.017	0.000
P5Q3CU	0.674	0.034	20.103	0.000
P5Q3DA	0.743	0.029	25.204	0.000
P5Q3AS	0.569	0.024	23.592	0.000
P5Q3AU	0.515	0.041	12.607	0.000
P5Q3AZ	0.763	0.032	24.035	0.000
P5Q3BB1	0.644	0.033	19.803	0.000
P5Q3BB2	0.530	0.030	17.857	0.000
P5Q3BB5	0.408	0.035	11.626	0.000
P5Q3BB6	0.636	0.028	22.418	0.000
P5Q3BB7	0.584	0.043	13.642	0.000

EXCBCL BY

P5Q3X	0.614	0.026	23.934	0.000
P5Q3AA	0.779	0.017	47.188	0.000
P5Q3AL	0.673	0.029	23.097	0.000
P5Q3AP	0.760	0.019	39.424	0.000
P5Q3BI	0.433	0.026	16.898	0.000
P5Q3BZ	0.809	0.040	20.390	0.000
P5Q3CJ	0.790	0.030	26.084	0.000
P5Q3C	0.673	0.020	34.411	0.000
P5Q3O	0.811	0.022	37.177	0.000
P5Q3R	0.692	0.020	35.097	0.000
P5Q3S	0.836	0.020	42.118	0.000
P5Q3T	0.822	0.020	41.117	0.000
P5Q3U	0.796	0.016	49.550	0.000
P5Q3V	0.746	0.019	38.882	0.000
P5Q3AJ	0.797	0.025	32.218	0.000
P5Q3BC	0.872	0.027	32.315	0.000
P5Q3BN	0.801	0.021	38.944	0.000
P5Q3CF	0.799	0.018	45.095	0.000
P5Q3CG	0.800	0.018	43.683	0.000
P5Q3CH	0.751	0.025	29.792	0.000
P5Q3CI	0.703	0.033	21.323	0.000

P5Q3CN	0.688	0.026	26.857	0.000
P5Q3C0	0.839	0.017	50.761	0.000
P5Q3CQ	0.930	0.028	33.398	0.000
P5Q3CW	0.674	0.024	28.603	0.000
INCBCL ON				
SC9	-0.814	0.053	-15.256	0.000
EXCBCL ON				
SC9	-0.768	0.052	-14.728	0.000
EXTERN ON				
SC9	0.475	0.206	2.309	0.021
SC15	-0.289	0.024	-12.089	0.000
EXCBCL	0.615	0.220	2.800	0.005
INTERNAL ON				
SC9	0.022	0.086	0.253	0.800
SC15	-0.367	0.024	-15.423	0.000
INCBCL	0.132	0.088	1.489	0.137
PAF ON				
SC9	0.012	0.026	0.447	0.655
SC15	0.555	0.021	25.960	0.000
INCBCL ON				
DEPCOMP	0.357	0.051	7.020	0.000
THREATCOMP	0.320	0.056	5.693	0.000
POVCO_AVG	-0.047	0.011	-4.097	0.000
RACE_AA	-0.258	0.092	-2.811	0.005
RACE_C	0.210	0.100	2.090	0.037
RACE_L	-0.004	0.098	-0.039	0.969
CM1BSEX	-0.076	0.048	-1.597	0.110
EXCBCL ON				
DEPCOMP	0.225	0.045	4.979	0.000
THREATCOMP	0.538	0.046	11.673	0.000
POVCO_AVG	-0.077	0.011	-7.082	0.000
RACE_AA	-0.083	0.088	-0.943	0.345
RACE_C	0.247	0.098	2.530	0.011
RACE_L	-0.106	0.095	-1.119	0.263
CM1BSEX	-0.247	0.043	-5.780	0.000
EXTERN ON				
THREATCOMP	-0.029	0.129	-0.223	0.823
DEPCOMP	-0.115	0.067	-1.712	0.087
POVCO_AVG	-0.035	0.021	-1.708	0.088
RACE_AA	-0.097	0.083	-1.167	0.243
RACE_C	-0.339	0.110	-3.095	0.002
RACE_L	-0.111	0.092	-1.208	0.227

CM1BSEX	-0.001	0.071	-0.017	0.986
INTERNAL ON				
THREATCOMP	0.057	0.055	1.044	0.297
DEPCOMP	0.124	0.053	2.330	0.020
POVCO_AVG	-0.038	0.013	-2.919	0.004
RACE_AA	-0.193	0.089	-2.155	0.031
RACE_C	-0.097	0.100	-0.976	0.329
RACE_L	-0.063	0.093	-0.675	0.499
CM1BSEX	0.243	0.043	5.614	0.000
PAF ON				
THREATCOMP	-0.062	0.046	-1.350	0.177
DEPCOMP	-0.263	0.046	-5.675	0.000
POVCO_AVG	-0.003	0.012	-0.219	0.827
RACE_AA	0.311	0.086	3.602	0.000
RACE_C	-0.012	0.097	-0.126	0.900
RACE_L	0.167	0.092	1.808	0.071
CM1BSEX	-0.143	0.043	-3.290	0.001
SC9 WITH				
SC15	0.129	0.031	4.142	0.000
EXTERN WITH				
INTERNALIZ	0.431	0.025	17.128	0.000
PAF WITH				
INTERNALIZ	-0.499	0.021	-23.736	0.000
EXTERN	-0.140	0.028	-5.046	0.000
Thresholds				
K6B1A_R\$1	-1.816	0.098	-18.579	0.000
K6B1A_R\$2	-1.251	0.095	-13.192	0.000
K6B1A_R\$3	0.027	0.092	0.296	0.767
K6B1B_R\$1	-2.017	0.114	-17.618	0.000
K6B1B_R\$2	-1.448	0.108	-13.451	0.000
K6B1B_R\$3	-0.345	0.103	-3.344	0.001
K6B1C_R\$1	-1.703	0.103	-16.544	0.000
K6B1C_R\$2	-1.309	0.100	-13.065	0.000
K6B1C_R\$3	-0.253	0.098	-2.581	0.010
K6B1D_R\$1	-1.916	0.114	-16.838	0.000
K6B1D_R\$2	-1.434	0.109	-13.118	0.000
K6B1D_R\$3	-0.418	0.106	-3.955	0.000
K5E1A\$1	-1.205	0.101	-11.908	0.000
K5E1A\$2	-0.801	0.099	-8.053	0.000
K5E1A\$3	-0.532	0.099	-5.394	0.000
K5E1A\$4	-0.115	0.098	-1.171	0.242
K5E1B\$1	-0.933	0.093	-10.028	0.000
K5E1B\$2	-0.536	0.092	-5.803	0.000
K5E1B\$3	-0.237	0.092	-2.566	0.010

K5E1B\$4	0.219	0.092	2.373	0.018
K5E1C\$1	-1.258	0.101	-12.509	0.000
K5E1C\$2	-0.916	0.100	-9.181	0.000
K5E1C\$3	-0.612	0.099	-6.157	0.000
K5E1C\$4	-0.158	0.100	-1.586	0.113
K5E1D\$1	-1.227	0.111	-11.020	0.000
K5E1D\$2	-0.934	0.109	-8.565	0.000
K5E1D\$3	-0.689	0.108	-6.375	0.000
K5E1D\$4	-0.304	0.108	-2.824	0.005
K6D2AG_R\$1	0.182	0.090	2.022	0.043
K6D2AG_R\$2	0.731	0.090	8.092	0.000
K6D2AG_R\$3	1.721	0.096	17.887	0.000
K6D2AI_R\$1	0.250	0.096	2.604	0.009
K6D2AI_R\$2	0.781	0.097	8.058	0.000
K6D2AI_R\$3	1.544	0.100	15.382	0.000
K6D2D_R\$1	0.235	0.093	2.515	0.012
K6D2D_R\$2	0.772	0.094	8.237	0.000
K6D2D_R\$3	1.630	0.100	16.311	0.000
K6D2J_R\$1	-0.627	0.091	-6.863	0.000
K6D2J_R\$2	0.088	0.091	0.968	0.333
K6D2J_R\$3	1.273	0.096	13.285	0.000
K6D2T_R\$1	0.454	0.096	4.741	0.000
K6D2T_R\$2	0.903	0.096	9.380	0.000
K6D2T_R\$3	1.718	0.100	17.109	0.000
K6D2AC_R\$1	0.378	0.101	3.732	0.000
K6D2AC_R\$2	0.829	0.103	8.072	0.000
K6D2AC_R\$3	1.714	0.108	15.915	0.000
K6D2AK_R\$1	-0.366	0.093	-3.933	0.000
K6D2AK_R\$2	0.170	0.093	1.824	0.068
K6D2AK_R\$3	1.067	0.098	10.922	0.000
K6D2C_R\$1	-0.476	0.090	-5.283	0.000
K6D2C_R\$2	0.008	0.090	0.086	0.931
K6D2C_R\$3	1.030	0.091	11.312	0.000
K6D2N_R\$1	0.162	0.094	1.730	0.084
K6D2N_R\$2	0.751	0.094	7.964	0.000
K6D2N_R\$3	1.725	0.100	17.170	0.000
K6D2X_R\$1	0.851	0.116	7.328	0.000
K6D2X_R\$2	1.271	0.118	10.725	0.000
K6D2X_R\$3	2.049	0.132	15.563	0.000
K6D2A_R\$1	-1.029	0.097	-10.629	0.000
K6D2A_R\$2	-0.415	0.095	-4.383	0.000
K6D2A_R\$3	0.888	0.096	9.225	0.000
K6D2P_R\$1	-0.967	0.091	-10.673	0.000
K6D2P_R\$2	-0.358	0.089	-4.007	0.000
K6D2P_R\$3	0.788	0.090	8.709	0.000
K6D2R_R\$1	-1.208	0.092	-13.161	0.000
K6D2R_R\$2	-0.463	0.090	-5.146	0.000
K6D2R_R\$3	0.837	0.091	9.158	0.000
K6D2Z_R\$1	-1.195	0.091	-13.176	0.000
K6D2Z_R\$2	-0.546	0.089	-6.127	0.000

K6D2Z_R\$3	0.777	0.090	8.636	0.000
K6D2AB_R\$1	-0.891	0.090	-9.944	0.000
K6D2AB_R\$2	-0.237	0.088	-2.680	0.007
K6D2AB_R\$3	0.800	0.090	8.905	0.000
K6D2AJ_R\$1	-0.483	0.087	-5.578	0.000
K6D2AJ_R\$2	0.029	0.086	0.338	0.736
K6D2AJ_R\$3	0.948	0.088	10.765	0.000
K6D61C\$1	1.239	0.157	7.902	0.000
K6D61C\$2	2.008	0.162	12.384	0.000
K6D61C\$3	2.296	0.170	13.531	0.000
K6D61D\$1	0.153	0.112	1.368	0.171
K6D61D\$2	1.101	0.115	9.588	0.000
K6D61D\$3	1.551	0.123	12.649	0.000
K6D61E\$1	1.040	0.158	6.586	0.000
K6D61E\$2	1.904	0.162	11.722	0.000
K6D61E\$3	2.298	0.186	12.377	0.000
K6D61K\$1	1.201	0.141	8.486	0.000
K6D61K\$2	2.039	0.150	13.567	0.000
K6D61K\$3	2.297	0.157	14.643	0.000
K6D61L\$1	0.749	0.144	5.188	0.000
K6D61L\$2	1.648	0.153	10.774	0.000
K6D61L\$3	2.034	0.168	12.091	0.000
K6D61M\$1	0.390	0.104	3.744	0.000
K6D61M\$2	1.272	0.108	11.789	0.000
K6D61M\$3	1.657	0.113	14.622	0.000
K6D40_R\$1	0.888	0.170	5.227	0.000
K6D48_R\$1	0.806	0.119	6.773	0.000
K6F63_R\$1	0.545	0.114	4.781	0.000
K6F68_R\$1	1.830	0.248	7.376	0.000
K6F74_R\$1	1.911	0.271	7.051	0.000
K6D2B_R\$1	-2.177	0.116	-18.714	0.000
K6D2B_R\$2	-1.757	0.112	-15.728	0.000
K6D2B_R\$3	-0.748	0.107	-6.990	0.000
K6D2F_R\$1	-1.855	0.109	-16.979	0.000
K6D2F_R\$2	-1.351	0.102	-13.188	0.000
K6D2F_R\$3	-0.100	0.099	-1.007	0.314
K6D2G_R\$1	-2.157	0.141	-15.286	0.000
K6D2G_R\$2	-1.875	0.131	-14.342	0.000
K6D2G_R\$3	-0.860	0.121	-7.129	0.000
K6D2I_R\$1	-1.942	0.105	-18.419	0.000
K6D2I_R\$2	-1.219	0.098	-12.489	0.000
K6D2I_R\$3	0.182	0.095	1.926	0.054
K6D2K_R\$1	-2.207	0.106	-20.737	0.000
K6D2K_R\$2	-1.459	0.097	-15.018	0.000
K6D2K_R\$3	-0.048	0.094	-0.517	0.605
K6D2L_R\$1	-2.332	0.166	-14.037	0.000
K6D2L_R\$2	-1.984	0.141	-14.054	0.000
K6D2L_R\$3	-1.019	0.132	-7.701	0.000
K6D2M_R\$1	-2.169	0.110	-19.765	0.000
K6D2M_R\$2	-1.470	0.098	-15.053	0.000

K6D2M_R\$3	0.134	0.094	1.435	0.151
K6D20_R\$1	-1.502	0.105	-14.326	0.000
K6D20_R\$2	-1.176	0.102	-11.547	0.000
K6D20_R\$3	-0.220	0.099	-2.214	0.027
K6D25_R\$1	-2.143	0.109	-19.609	0.000
K6D25_R\$2	-1.573	0.102	-15.422	0.000
K6D25_R\$3	-0.351	0.098	-3.573	0.000
K6D2V_R\$1	-2.303	0.130	-17.780	0.000
K6D2V_R\$2	-1.778	0.111	-16.005	0.000
K6D2V_R\$3	-0.188	0.102	-1.849	0.065
K6D2W_R\$1	-2.055	0.112	-18.338	0.000
K6D2W_R\$2	-1.356	0.100	-13.521	0.000
K6D2W_R\$3	-0.073	0.096	-0.761	0.447
K6D2Y_R\$1	-2.148	0.120	-17.834	0.000
K6D2Y_R\$2	-1.606	0.110	-14.623	0.000
K6D2Y_R\$3	-0.627	0.105	-5.952	0.000
K6D2AA_R\$1	-2.309	0.122	-18.863	0.000
K6D2AA_R\$2	-1.711	0.111	-15.393	0.000
K6D2AA_R\$3	-0.485	0.103	-4.693	0.000
K6D2AE_R\$1	-1.879	0.095	-19.833	0.000
K6D2AE_R\$2	-1.159	0.091	-12.691	0.000
K6D2AE_R\$3	0.391	0.089	4.389	0.000
K6D2AF_R\$1	-2.032	0.138	-14.674	0.000
K6D2AF_R\$2	-1.726	0.131	-13.190	0.000
K6D2AF_R\$3	-0.590	0.118	-5.012	0.000
K6D2AH_R\$1	-1.614	0.105	-15.311	0.000
K6D2AH_R\$2	-1.218	0.101	-12.010	0.000
K6D2AH_R\$3	0.034	0.097	0.350	0.726
P5Q3M\$1	0.783	0.126	6.224	0.000
P5Q3M\$2	1.856	0.137	13.517	0.000
P5Q3AB\$1	0.733	0.115	6.379	0.000
P5Q3AB\$2	2.199	0.123	17.810	0.000
P5Q3AD\$1	0.844	0.139	6.053	0.000
P5Q3AD\$2	1.983	0.160	12.380	0.000
P5Q3AF\$1	1.159	0.138	8.394	0.000
P5Q3AF\$2	2.317	0.156	14.857	0.000
P5Q3AH\$1	1.521	0.160	9.492	0.000
P5Q3AH\$2	2.499	0.180	13.896	0.000
P5Q3AR\$1	1.143	0.134	8.503	0.000
P5Q3AR\$2	2.174	0.149	14.548	0.000
P5Q3AV\$1	1.061	0.137	7.728	0.000
P5Q3AV\$2	2.187	0.156	14.049	0.000
P5Q3AX\$1	1.323	0.186	7.099	0.000
P5Q3AX\$2	2.446	0.219	11.163	0.000
P5Q3BQ\$1	0.167	0.106	1.571	0.116
P5Q3BQ\$2	1.767	0.113	15.576	0.000
P5Q3CK\$1	2.091	0.244	8.574	0.000
P5Q3CK\$2	2.658	0.272	9.791	0.000
P5Q3DB\$1	0.415	0.106	3.917	0.000
P5Q3DB\$2	1.893	0.115	16.462	0.000

P5Q3E\$1	0.824	0.136	6.079	0.000
P5Q3E\$2	1.751	0.142	12.310	0.000
P5Q3A0\$1	0.795	0.128	6.223	0.000
P5Q3A0\$2	1.900	0.144	13.176	0.000
P5Q3BK\$1	1.023	0.137	7.455	0.000
P5Q3BK\$2	2.163	0.165	13.077	0.000
P5Q3B0\$1	0.678	0.113	5.997	0.000
P5Q3B0\$2	2.029	0.127	16.000	0.000
P5Q3CU\$1	1.315	0.148	8.905	0.000
P5Q3CU\$2	2.225	0.161	13.780	0.000
P5Q3DA\$1	1.142	0.139	8.236	0.000
P5Q3DA\$2	2.293	0.154	14.903	0.000
P5Q3AS\$1	0.801	0.119	6.714	0.000
P5Q3AS\$2	2.446	0.138	17.707	0.000
P5Q3AU\$1	1.434	0.148	9.675	0.000
P5Q3AU\$2	2.373	0.163	14.584	0.000
P5Q3AZ\$1	1.648	0.187	8.829	0.000
P5Q3AZ\$2	2.654	0.221	12.022	0.000
P5Q3BB1\$1	1.089	0.139	7.852	0.000
P5Q3BB1\$2	2.152	0.155	13.866	0.000
P5Q3BB2\$1	0.690	0.123	5.590	0.000
P5Q3BB2\$2	1.951	0.140	13.978	0.000
P5Q3BB5\$1	1.120	0.128	8.730	0.000
P5Q3BB5\$2	1.984	0.129	15.410	0.000
P5Q3BB6\$1	1.070	0.132	8.119	0.000
P5Q3BB6\$2	2.408	0.163	14.811	0.000
P5Q3BB7\$1	1.575	0.193	8.154	0.000
P5Q3BB7\$2	2.475	0.211	11.717	0.000
P5Q3X\$1	0.634	0.120	5.282	0.000
P5Q3X\$2	1.780	0.129	13.757	0.000
P5Q3AA\$1	-0.152	0.102	-1.499	0.134
P5Q3AA\$2	1.705	0.109	15.707	0.000
P5Q3AL\$1	1.034	0.150	6.912	0.000
P5Q3AL\$2	2.264	0.174	13.028	0.000
P5Q3AP\$1	0.541	0.110	4.938	0.000
P5Q3AP\$2	2.243	0.120	18.673	0.000
P5Q3BI\$1	0.245	0.104	2.349	0.019
P5Q3BI\$2	1.617	0.108	14.993	0.000
P5Q3BZ\$1	1.934	0.279	6.938	0.000
P5Q3BZ\$2	2.704	0.287	9.430	0.000
P5Q3CJ\$1	1.170	0.188	6.226	0.000
P5Q3CJ\$2	2.266	0.209	10.843	0.000
P5Q3C\$1	-0.172	0.096	-1.794	0.073
P5Q3C\$2	1.211	0.098	12.335	0.000
P5Q30\$1	0.976	0.136	7.199	0.000
P5Q30\$2	1.981	0.145	13.693	0.000
P5Q3R\$1	0.154	0.104	1.475	0.140
P5Q3R\$2	1.313	0.108	12.150	0.000
P5Q3S\$1	0.728	0.126	5.759	0.000
P5Q3S\$2	1.718	0.128	13.383	0.000

P5Q3T\$1	0.713	0.136	5.251	0.000
P5Q3T\$2	1.972	0.149	13.194	0.000
P5Q3U\$1	-0.114	0.097	-1.175	0.240
P5Q3U\$2	1.777	0.102	17.493	0.000
P5Q3V\$1	0.208	0.112	1.850	0.064
P5Q3V\$2	1.773	0.121	14.657	0.000
P5Q3AJ\$1	1.202	0.165	7.272	0.000
P5Q3AJ\$2	2.155	0.180	11.965	0.000
P5Q3BC\$1	1.510	0.228	6.636	0.000
P5Q3BC\$2	2.383	0.246	9.693	0.000
P5Q3BN\$1	0.668	0.129	5.188	0.000
P5Q3BN\$2	1.755	0.136	12.908	0.000
P5Q3CF\$1	0.247	0.110	2.246	0.025
P5Q3CF\$2	1.732	0.121	14.281	0.000
P5Q3CG\$1	0.533	0.116	4.584	0.000
P5Q3CG\$2	2.003	0.128	15.603	0.000
P5Q3CH\$1	1.042	0.138	7.577	0.000
P5Q3CH\$2	2.302	0.158	14.556	0.000
P5Q3CI\$1	1.300	0.162	8.046	0.000
P5Q3CI\$2	2.494	0.188	13.280	0.000
P5Q3CN\$1	0.737	0.127	5.803	0.000
P5Q3CN\$2	2.030	0.140	14.547	0.000
P5Q3C0\$1	0.299	0.110	2.718	0.007
P5Q3C0\$2	1.498	0.113	13.241	0.000
P5Q3CQ\$1	1.434	0.189	7.566	0.000
P5Q3CQ\$2	2.261	0.205	11.007	0.000
P5Q3CW\$1	0.739	0.123	6.013	0.000
P5Q3CW\$2	1.864	0.126	14.817	0.000
Variances				
SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000
Residual Variances				
INTERNALIZ	0.804	0.019	41.875	0.000
EXTERN	0.746	0.042	17.708	0.000
PAF	0.651	0.023	27.830	0.000
INCBCL	0.227	0.086	2.625	0.009
EXCBCL	0.236	0.078	3.014	0.003
R-SQUARE				
Observed	Two-Tailed			
Residual				
Variable	Estimate	S.E.	Est./S.E.	P-Value
Variance				
K6B1A_R	0.425	0.027	15.958	0.000
0.575				

K6B1B_R	0.619	0.030	20.788	0.000
0.381				
K6B1C_R	0.575	0.029	19.708	0.000
0.425				
K6B1D_R	0.383	0.031	12.289	0.000
0.617				
K5E1A	0.026	0.009	2.881	0.004
0.974				
K5E1B	0.015	0.007	2.240	0.025
0.985				
K5E1C	0.038	0.011	3.424	0.001
0.962				
K5E1D	0.042	0.013	3.314	0.001
0.958				
K6D2AG_R	0.589	0.019	30.760	0.000
0.422				
K6D2AI_R	0.344	0.022	15.649	0.000
0.666				
K6D2D_R	0.408	0.022	18.466	0.000
0.602				
K6D2J_R	0.337	0.020	16.819	0.000
0.673				
K6D2T_R	0.451	0.023	20.040	0.000
0.559				
K6D2AC_R	0.729	0.020	35.820	0.000
0.279				
K6D2AK_R	0.319	0.021	15.038	0.000
0.691				
K6D2C_R	0.362	0.021	16.935	0.000
0.648				
K6D2N_R	0.689	0.019	36.281	0.000
0.320				
K6D2X_R	0.616	0.029	21.326	0.000
0.394				
K6D2A_R	0.248	0.020	12.678	0.000
0.768				
K6D2P_R	0.515	0.021	24.748	0.000
0.506				
K6D2R_R	0.273	0.020	13.534	0.000
0.743				
K6D2Z_R	0.329	0.021	15.579	0.000
0.689				
K6D2AB_R	0.349	0.020	17.581	0.000
0.670				
K6D2AJ_R	0.551	0.021	25.795	0.000
0.470				
K6D61C	0.775	0.025	30.897	0.000
0.241				
K6D61D	0.390	0.025	15.517	0.000
0.630				

K6D61E	0.381	0.034	11.258	0.000
0.638				
K6D61K	0.729	0.023	31.018	0.000
0.288				
K6D61L	0.302	0.029	10.304	0.000
0.715				
K6D61M	0.239	0.023	10.288	0.000
0.776				
K6D40_R	0.455	0.042	10.771	0.000
0.565				
K6D48_R	0.324	0.029	11.083	0.000
0.695				
K6F63_R	0.359	0.028	12.864	0.000
0.661				
K6F68_R	0.489	0.072	6.745	0.000
0.532				
K6F74_R	0.440	0.058	7.617	0.000
0.581				
K6D2B_R	0.592	0.025	23.437	0.000
0.418				
K6D2F_R	0.453	0.021	21.320	0.000
0.556				
K6D2G_R	0.210	0.025	8.448	0.000
0.796				
K6D2I_R	0.259	0.019	13.334	0.000
0.749				
K6D2K_R	0.345	0.021	16.649	0.000
0.664				
K6D2L_R	0.532	0.032	16.540	0.000
0.478				
K6D2M_R	0.361	0.021	17.052	0.000
0.648				
K6D20_R	0.335	0.021	16.123	0.000
0.674				
K6D2S_R	0.759	0.019	39.006	0.000
0.248				
K6D2V_R	0.370	0.023	15.995	0.000
0.639				
K6D2W_R	0.441	0.021	20.674	0.000
0.569				
K6D2Y_R	0.416	0.025	16.380	0.000
0.593				
K6D2AA_R	0.510	0.022	23.563	0.000
0.500				
K6D2AE_R	0.226	0.018	12.330	0.000
0.781				
K6D2AF_R	0.386	0.027	14.225	0.000
0.623				
K6D2AH_R	0.233	0.021	11.227	0.000
0.774				

P5Q3M	0.409	0.032	12.926	0.000
0.619				
P5Q3AB	0.208	0.023	8.997	0.000
0.811				
P5Q3AD	0.351	0.035	10.047	0.000
0.675				
P5Q3AF	0.504	0.036	14.151	0.000
0.526				
P5Q3AH	0.709	0.044	16.158	0.000
0.316				
P5Q3AR	0.365	0.035	10.405	0.000
0.662				
P5Q3AV	0.566	0.033	17.309	0.000
0.463				
P5Q3AX	0.574	0.045	12.635	0.000
0.455				
P5Q3BQ	0.369	0.025	14.672	0.000
0.658				
P5Q3CK	0.771	0.060	12.814	0.000
0.250				
P5Q3DB	0.350	0.027	13.171	0.000
0.676				
P5Q3E	0.242	0.033	7.349	0.000
0.779				
P5Q3AO	0.318	0.031	10.187	0.000
0.707				
P5Q3BK	0.454	0.037	12.397	0.000
0.575				
P5Q3BO	0.426	0.029	14.814	0.000
0.603				
P5Q3CU	0.432	0.041	10.558	0.000
0.597				
P5Q3DA	0.520	0.039	13.373	0.000
0.509				
P5Q3AS	0.313	0.026	12.224	0.000
0.712				
P5Q3AU	0.257	0.040	6.478	0.000
0.765				
P5Q3AZ	0.546	0.043	12.777	0.000
0.483				
P5Q3BB1	0.397	0.038	10.369	0.000
0.631				
P5Q3BB2	0.273	0.030	9.205	0.000
0.750				
P5Q3BB5	0.163	0.028	5.914	0.000
0.852				
P5Q3BB6	0.387	0.033	11.719	0.000
0.640				
P5Q3BB7	0.328	0.046	7.069	0.000
0.697				

P5Q3X	0.354	0.028	12.814	0.000
0.688				
P5Q3AA	0.549	0.020	27.661	0.000
0.498				
P5Q3AL	0.420	0.034	12.538	0.000
0.625				
P5Q3AP	0.524	0.023	22.417	0.000
0.523				
P5Q3BI	0.182	0.021	8.731	0.000
0.845				
P5Q3BZ	0.588	0.052	11.379	0.000
0.458				
P5Q3CJ	0.563	0.038	14.634	0.000
0.485				
P5Q3C	0.420	0.022	18.963	0.000
0.625				
P5Q30	0.591	0.028	21.155	0.000
0.456				
P5Q3R	0.442	0.023	19.351	0.000
0.604				
P5Q3S	0.623	0.025	24.651	0.000
0.422				
P5Q3T	0.605	0.025	23.841	0.000
0.441				
P5Q3U	0.570	0.020	29.117	0.000
0.477				
P5Q3V	0.508	0.023	21.914	0.000
0.540				
P5Q3AJ	0.572	0.031	18.228	0.000
0.475				
P5Q3BC	0.672	0.036	18.722	0.000
0.371				
P5Q3BN	0.577	0.026	22.286	0.000
0.470				
P5Q3CF	0.574	0.022	26.387	0.000
0.473				
P5Q3CG	0.576	0.023	25.386	0.000
0.471				
P5Q3CH	0.514	0.031	16.682	0.000
0.533				
P5Q3CI	0.455	0.039	11.668	0.000
0.592				
P5Q3CN	0.437	0.030	14.705	0.000
0.609				
P5Q3C0	0.628	0.021	30.537	0.000
0.417				
P5Q3CQ	0.753	0.038	19.917	0.000
0.285				
P5Q3CW	0.421	0.027	15.540	0.000
0.625				

Latent Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
INTERNAL	0.196	0.019	10.230	0.000
EXTERN	0.254	0.042	6.022	0.000
PAF	0.349	0.023	14.918	0.000
INCBCL	0.773	0.086	8.955	0.000
EXCBCL	0.764	0.078	9.748	0.000

QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix
0.459E-04
(ratio of smallest to largest eigenvalue)

MODEL MODIFICATION INDICES

Minimum M.I. value for printing the modification index 10.000

	M.I.	E.P.C.	Std E.P.C.	StdYX
E.P.C.				

ON/BY Statements

K6B1C_R	ON EXTERN	/			
EXTERN	BY K6B1C_R		10.948	-0.074	-0.086
-0.086					
K5E1A	ON SC15	/			
SC15	BY K5E1A		74.673	0.169	0.169
0.169					
K5E1A	ON INTERNAL	/			
INTERNAL	BY K5E1A		65.238	-0.113	-0.126
-0.126					
K5E1A	ON EXTERN	/			
EXTERN	BY K5E1A		43.815	-0.100	-0.116
-0.116					
K5E1A	ON PAF	/			
PAF	BY K5E1A		76.697	0.107	0.133
0.133					
K5E1B	ON SC15	/			
SC15	BY K5E1B		37.696	0.115	0.115
0.115					
K5E1B	ON INTERNAL	/			
INTERNAL	BY K5E1B		17.730	-0.057	-0.063
-0.063					
K5E1B	ON PAF	/			
PAF	BY K5E1B		33.233	0.068	0.084

0.084					
K5E1C	ON SC15	/			
SC15	BY K5E1C		108.779	0.201	0.201
0.201					
K5E1C	ON INTERNAL	/			
INTERNAL	BY K5E1C		65.703	-0.113	-0.127
-0.127					
K5E1C	ON EXTERN	/			
EXTERN	BY K5E1C		51.193	-0.108	-0.125
-0.125					
K5E1C	ON PAF	/			
PAF	BY K5E1C		88.735	0.114	0.141
0.141					
K5E1C	ON INCBCL	/			
INCBCL	BY K5E1C		12.590	0.150	0.316
0.316					
K5E1D	ON SC15	/			
SC15	BY K5E1D		60.250	0.163	0.163
0.163					
K5E1D	ON INTERNAL	/			
INTERNAL	BY K5E1D		50.328	-0.108	-0.120
-0.120					
K5E1D	ON EXTERN	/			
EXTERN	BY K5E1D		32.343	-0.093	-0.108
-0.108					
K5E1D	ON PAF	/			
PAF	BY K5E1D		52.265	0.096	0.118
0.118					
K6D2AI_R	ON SC15	/			
SC15	BY K6D2AI_R		12.118	0.107	0.107
0.107					
K6D2AI_R	ON PAF	/			
PAF	BY K6D2AI_R		10.140	0.073	0.091
0.090					
K6D2D_R	ON SC15	/			
SC15	BY K6D2D_R		13.520	0.115	0.115
0.114					
K6D2D_R	ON SC9	/			
SC9	BY K6D2D_R		10.094	-0.048	-0.048
-0.047					
K6D2D_R	ON PAF	/			
PAF	BY K6D2D_R		34.845	0.140	0.174
0.172					
K6D2D_R	ON INCBCL	/			
INCBCL	BY K6D2D_R		10.998	0.025	0.053
0.053					
K6D2J_R	ON SC15	/			
SC15	BY K6D2J_R		11.131	0.097	0.097
0.097					
K6D2J_R	ON PAF	/			

PAF	BY K6D2J_R		19.035	0.096	0.118
0.118					
K6D2T_R	ON SC15	/			
SC15	BY K6D2T_R		16.502	0.130	0.130
0.129					
K6D2T_R	ON PAF	/			
PAF	BY K6D2T_R		36.280	0.146	0.181
0.179					
K6D2AC_R	ON SC15	/			
SC15	BY K6D2AC_R		43.074	-0.209	-0.209
-0.206					
K6D2AC_R	ON PAF	/			
PAF	BY K6D2AC_R		61.614	-0.180	-0.223
-0.220					
K6D2AK_R	ON EXTERN	/			
EXTERN	BY K6D2AK_R		168.844	0.267	0.309
0.307					
K6D2AK_R	ON PAF	/			
PAF	BY K6D2AK_R		52.598	0.169	0.209
0.208					
K6D2AK_R	ON EXCBCL	/			
EXCBCL	BY K6D2AK_R		18.910	0.031	0.063
0.063					
K6D2N_R	ON SC15	/			
SC15	BY K6D2N_R		10.475	-0.100	-0.100
-0.098					
K6D2N_R	ON EXTERN	/			
EXTERN	BY K6D2N_R		27.371	-0.120	-0.139
-0.137					
K6D2N_R	ON PAF	/			
PAF	BY K6D2N_R		40.586	-0.141	-0.174
-0.172					
K6D2X_R	ON SC15	/			
SC15	BY K6D2X_R		53.343	-0.260	-0.260
-0.256					
K6D2X_R	ON EXTERN	/			
EXTERN	BY K6D2X_R		10.381	-0.090	-0.104
-0.102					
K6D2X_R	ON PAF	/			
PAF	BY K6D2X_R		101.247	-0.253	-0.313
-0.309					
K6D2P_R	ON INTERNAL	/			
INTERNAL	BY K6D2P_R		19.920	0.085	0.094
0.092					
K6D2R_R	ON INTERNAL	/			
INTERNAL	BY K6D2R_R		74.487	0.158	0.176
0.174					
K6D2Z_R	ON SC15	/			
SC15	BY K6D2Z_R		14.598	0.088	0.088
0.086					

K6D2Z_R	ON PAF	/			
PAF	BY K6D2Z_R		13.850	0.051	0.063
0.063					
K6D2AJ_R	ON SC15	/			
SC15	BY K6D2AJ_R		13.298	-0.086	-0.086
-0.084					
K6D2AJ_R	ON SC9	/			
SC9	BY K6D2AJ_R		14.241	-0.053	-0.053
-0.052					
K6D2AJ_R	ON INTERNAL	/			
INTERNAL	BY K6D2AJ_R		39.465	0.122	0.136
0.133					
K6D2AJ_R	ON PAF	/			
PAF	BY K6D2AJ_R		20.347	-0.064	-0.079
-0.078					
K6D2AJ_R	ON INCBCL	/			
INCBCL	BY K6D2AJ_R		14.722	0.027	0.058
0.056					
K6D61C	ON INTERNAL	/			
INTERNAL	BY K6D61C		38.874	-0.192	-0.214
-0.207					
K6D61D	ON INTERNAL	/			
INTERNAL	BY K6D61D		45.235	-0.158	-0.176
-0.173					
K6D61D	ON PAF	/			
PAF	BY K6D61D		18.470	0.072	0.090
0.088					
K6D61E	ON SC9	/			
SC9	BY K6D61E		12.202	-0.071	-0.071
-0.070					
K6D61E	ON INTERNAL	/			
INTERNAL	BY K6D61E		23.765	-0.143	-0.159
-0.157					
K6D61E	ON EXCBCL	/			
EXCBCL	BY K6D61E		16.672	0.043	0.088
0.086					
K6D61K	ON SC9	/			
SC9	BY K6D61K		12.728	0.075	0.075
0.073					
K6D61K	ON INTERNAL	/			
INTERNAL	BY K6D61K		40.681	-0.188	-0.209
-0.203					
K6D61K	ON INCBCL	/			
INCBCL	BY K6D61K		15.320	-0.042	-0.088
-0.085					
K6D61L	ON SC15	/			
SC15	BY K6D61L		12.718	0.117	0.117
0.115					
K6D61L	ON INTERNAL	/			
INTERNAL	BY K6D61L		52.225	-0.197	-0.220

-0.217						
K6D61L	ON	PAF	/			
PAF	BY	K6D61L		23.755	0.095	0.118
0.116						
K6D61L	ON	INCBCL	/			
INCBCL	BY	K6D61L		12.208	-0.035	-0.073
-0.072						
K6D61M	ON	SC15	/			
SC15	BY	K6D61M		35.348	-0.156	-0.156
-0.154						
K6D61M	ON	INTERNAL	/			
INTERNAL	BY	K6D61M		25.910	0.113	0.126
0.124						
K6D61M	ON	PAF	/			
PAF	BY	K6D61M		50.546	-0.112	-0.139
-0.138						
K6D40_R	ON	SC15	/			
SC15	BY	K6D40_R		10.641	-0.134	-0.134
-0.132						
K6D40_R	ON	SC9	/			
SC9	BY	K6D40_R		15.265	-0.095	-0.095
-0.094						
K6D40_R	ON	INCBCL	/			
INCBCL	BY	K6D40_R		13.348	0.046	0.096
0.094						
K6D40_R	ON	EXCBCL	/			
EXCBCL	BY	K6D40_R		18.440	0.054	0.111
0.109						
K6D48_R	ON	SC9	/			
SC9	BY	K6D48_R		14.512	0.072	0.072
0.071						
K6D48_R	ON	INCBCL	/			
INCBCL	BY	K6D48_R		14.072	-0.036	-0.076
-0.075						
K6D48_R	ON	EXCBCL	/			
EXCBCL	BY	K6D48_R		14.437	-0.037	-0.077
-0.076						
K6F68_R	ON	SC9	/			
SC9	BY	K6F68_R		40.432	0.224	0.224
0.219						
K6F68_R	ON	INCBCL	/			
INCBCL	BY	K6F68_R		52.894	-0.126	-0.265
-0.259						
K6F68_R	ON	EXCBCL	/			
EXCBCL	BY	K6F68_R		28.140	-0.099	-0.205
-0.201						
K6F74_R	ON	SC15	/			
SC15	BY	K6F74_R		10.392	-0.183	-0.183
-0.179						
K6F74_R	ON	SC9	/			

SC9	BY K6F74_R		18.028	-0.138	-0.138
-0.136					
K6F74_R	ON PAF /				
PAF	BY K6F74_R		13.160	-0.125	-0.155
-0.153					
K6F74_R	ON INCBCL /				
INCBCL	BY K6F74_R		18.124	0.070	0.148
0.145					
K6F74_R	ON EXCBCL /				
EXCBCL	BY K6F74_R		15.745	0.067	0.137
0.134					
K6D2B_R	ON INTERNAL /				
INTERNAL	BY K6D2B_R		54.034	-0.195	-0.218
-0.215					
K6D2B_R	ON EXTERN /				
EXTERN	BY K6D2B_R		12.975	-0.072	-0.084
-0.083					
K6D2G_R	ON SC15 /				
SC15	BY K6D2G_R		11.021	0.159	0.159
0.158					
K6D2G_R	ON INTERNAL /				
INTERNAL	BY K6D2G_R		20.666	0.147	0.164
0.164					
K6D2I_R	ON EXTERN /				
EXTERN	BY K6D2I_R		23.027	-0.081	-0.094
-0.093					
K6D2K_R	ON INTERNAL /				
INTERNAL	BY K6D2K_R		16.696	0.105	0.117
0.116					
K6D2M_R	ON INTERNAL /				
INTERNAL	BY K6D2M_R		14.462	0.098	0.110
0.109					
K6D2S_R	ON INTERNAL /				
INTERNAL	BY K6D2S_R		74.830	-0.215	-0.240
-0.236					
K6D2S_R	ON EXTERN /				
EXTERN	BY K6D2S_R		13.934	-0.071	-0.082
-0.081					
K6D2AA_R	ON EXTERN /				
EXTERN	BY K6D2AA_R		13.179	0.069	0.080
0.079					
K6D2AE_R	ON SC15 /				
SC15	BY K6D2AE_R		18.932	-0.169	-0.169
-0.168					
K6D2AE_R	ON INTERNAL /				
INTERNAL	BY K6D2AE_R		59.719	0.191	0.213
0.212					
K6D2AE_R	ON EXTERN /				
EXTERN	BY K6D2AE_R		54.387	0.124	0.144
0.143					

K6D2AF_R	ON	INTERNAL	/			
INTERNAL	BY	K6D2AF_R		13.277	0.113	0.126
0.125						
K6D2AF_R	ON	EXTERN	/			
EXTERN	BY	K6D2AF_R		16.322	0.087	0.101
0.100						
P5Q3M	ON	SC9	/			
SC9	BY	P5Q3M		34.803	-0.517	-0.517
-0.505						
P5Q3M	ON	EXCBCL	/			
EXCBCL	BY	P5Q3M		50.365	0.169	0.347
0.339						
P5Q3AF	ON	EXCBCL	/			
EXCBCL	BY	P5Q3AF		14.940	0.097	0.200
0.195						
P5Q3AH	ON	SC9	/			
SC9	BY	P5Q3AH		13.739	-0.391	-0.391
-0.375						
P5Q3AH	ON	INTERNAL	/			
INTERNAL	BY	P5Q3AH		10.724	0.077	0.086
0.083						
P5Q3AH	ON	EXTERN	/			
EXTERN	BY	P5Q3AH		14.135	0.096	0.111
0.106						
P5Q3AH	ON	EXCBCL	/			
EXCBCL	BY	P5Q3AH		16.949	0.114	0.236
0.226						
P5Q3AX	ON	SC15	/			
SC15	BY	P5Q3AX		11.846	0.119	0.119
0.116						
P5Q3AX	ON	INTERNAL	/			
INTERNAL	BY	P5Q3AX		14.552	-0.096	-0.107
-0.104						
P5Q3AX	ON	EXTERN	/			
EXTERN	BY	P5Q3AX		10.372	-0.087	-0.101
-0.098						
P5Q3AX	ON	PAF	/			
PAF	BY	P5Q3AX		13.206	0.080	0.099
0.095						
P5Q3CK	ON	SC9	/			
SC9	BY	P5Q3CK		18.694	-0.563	-0.563
-0.538						
P5Q3CK	ON	EXTERN	/			
EXTERN	BY	P5Q3CK		24.311	-0.159	-0.184
-0.176						
P5Q3B0	ON	SC15	/			
SC15	BY	P5Q3B0		14.366	-0.090	-0.090
-0.088						
P5Q3B0	ON	SC9	/			
SC9	BY	P5Q3B0		13.531	-0.312	-0.312

-0.305				
P5Q3B0	ON INTERNAL	/		
INTERNAL	BY P5Q3B0		19.399	0.075 0.084
0.082				
P5Q3B0	ON EXTERN	/		
EXTERN	BY P5Q3B0		39.132	0.115 0.133
0.130				
P5Q3B0	ON PAF	/		
PAF	BY P5Q3B0		18.155	-0.064 -0.079
-0.077				
P5Q3B0	ON EXCBCL	/		
EXCBCL	BY P5Q3B0		34.379	0.135 0.277
0.270				
P5Q3DA	ON INTERNAL	/		
INTERNAL	BY P5Q3DA		10.806	0.069 0.077
0.075				
P5Q3BB1	ON SC9	/		
SC9	BY P5Q3BB1		14.157	0.376 0.376
0.367				
P5Q3BB1	ON EXCBCL	/		
EXCBCL	BY P5Q3BB1		19.392	-0.119 -0.244
-0.239				
P5Q3BB2	ON SC9	/		
SC9	BY P5Q3BB2		21.589	0.419 0.419
0.413				
P5Q3BB2	ON EXCBCL	/		
EXCBCL	BY P5Q3BB2		22.043	-0.114 -0.234
-0.231				
P5Q3BB6	ON SC9	/		
SC9	BY P5Q3BB6		34.055	0.554 0.554
0.542				
P5Q3BB6	ON EXCBCL	/		
EXCBCL	BY P5Q3BB6		48.339	-0.178 -0.366
-0.358				
P5Q3BB7	ON SC15	/		
SC15	BY P5Q3BB7		13.810	0.131 0.131
0.129				
P5Q3BB7	ON SC9	/		
SC9	BY P5Q3BB7		13.232	0.418 0.418
0.411				
P5Q3BB7	ON INTERNAL	/		
INTERNAL	BY P5Q3BB7		15.402	-0.101 -0.112
-0.110				
P5Q3BB7	ON EXTERN	/		
EXTERN	BY P5Q3BB7		21.420	-0.124 -0.144
-0.141				
P5Q3BB7	ON PAF	/		
PAF	BY P5Q3BB7		10.242	0.071 0.088
0.086				
P5Q3BB7	ON EXCBCL	/		

EXCBCL -0.263	BY P5Q3BB7		18.457	-0.130	-0.268
P5Q3AA SC9 0.440	ON SC9 / BY P5Q3AA		57.565	0.462	0.462
P5Q3AA INCBCL -0.367	ON INCBCL / BY P5Q3AA		76.145	-0.184	-0.385
P5Q3BI INCBCL 0.158	ON INCBCL / BY P5Q3BI		12.457	0.076	0.160
P5Q3CJ INCBCL 0.187	ON INCBCL / BY P5Q3CJ		11.420	0.093	0.196
P5Q3R SC9 -0.245	ON SC9 / BY P5Q3R		18.393	-0.255	-0.255
P5Q3R INCBCL 0.185	ON INCBCL / BY P5Q3R		19.896	0.092	0.193
P5Q3T SC9 0.229	ON SC9 / BY P5Q3T		11.438	0.242	0.242
P5Q3T INCBCL -0.183	ON INCBCL / BY P5Q3T		14.856	-0.092	-0.193
P5Q3U SC9 0.235	ON SC9 / BY P5Q3U		16.991	0.247	0.247
P5Q3U INTERNAL -0.064	ON INTERNAL / BY P5Q3U		15.996	-0.060	-0.067
P5Q3U INCBCL -0.246	ON INCBCL / BY P5Q3U		35.564	-0.123	-0.259
P5Q3V SC9 0.406	ON SC9 / BY P5Q3V		44.150	0.425	0.425
P5Q3V INCBCL -0.372	ON INCBCL / BY P5Q3V		71.201	-0.185	-0.389
P5Q3AJ SC9 0.250	ON SC9 / BY P5Q3AJ		10.614	0.264	0.264
P5Q3AJ INCBCL -0.177	ON INCBCL / BY P5Q3AJ		11.195	-0.089	-0.187
P5Q3CG SC9 -0.451	ON SC9 / BY P5Q3CG		56.816	-0.476	-0.476

P5Q3CG EXTERN -0.088	ON EXTERN BY P5Q3CG	/	19.891	-0.081	-0.093
P5Q3CG INCBCL 0.356	ON INCBCL BY P5Q3CG	/	71.499	0.179	0.375
P5Q3CH SC9 -0.608	ON SC9 BY P5Q3CH	/	78.178	-0.637	-0.637
P5Q3CH INCBCL 0.472	ON INCBCL BY P5Q3CH	/	96.989	0.235	0.494
P5Q3CI SC9 -0.626	ON SC9 BY P5Q3CI	/	71.460	-0.652	-0.652
P5Q3CI INCBCL 0.522	ON INCBCL BY P5Q3CI	/	100.669	0.259	0.544
SC15 INTERNAL -0.814	ON INTERNAL BY SC15	/	34.770	-0.730	-0.814
SC15 PAF 0.659	ON PAF BY SC15	/	19.000	0.532	0.659
SC9 EXTERN -1.655	ON EXTERN BY SC9	/	17.101	-1.430	-1.655
SC9 INCBCL -1.580	ON INCBCL BY SC9	/	23.042	-0.752	-1.580
SC9 EXCBCL -1.094	ON EXCBCL BY SC9	/	16.701	-0.531	-1.094
INTERNAL EXTERN -1.880	ON EXTERN BY INTERNAL	/	38.582	-1.811	-1.880
INTERNAL EXCBCL -1.156	ON EXCBCL BY INTERNAL	/	38.505	-0.626	-1.156
EXTERN INTERNAL -8.607	ON INTERNAL BY EXTERN	/	32.957	-8.932	-8.607
EXTERN INCBCL -1.131	ON INCBCL BY EXTERN	/	32.813	-0.623	-1.131
PAF EXTERN 0.266	ON EXTERN BY PAF	/	14.261	0.285	0.266
PAF EXCBCL	ON EXCBCL BY PAF	/	14.260	0.099	0.164

0.164					
INCBCL	ON SC15	/			
SC15	BY INCBCL		13.401	0.118	0.056
0.056					
INCBCL	ON EXTERN	/			
EXTERN	BY INCBCL		19.626	-0.251	-0.138
-0.138					
INCBCL	ON EXCBCL	/			
EXCBCL	BY INCBCL		54.339	2.330	2.283
2.283					
EXCBCL	ON INTERNAL	/			
INTERNAL	BY EXCBCL		26.229	-0.166	-0.090
-0.090					
EXCBCL	ON EXTERN	/			
EXTERN	BY EXCBCL		18.745	-0.277	-0.156
-0.156					
EXCBCL	ON PAF	/			
PAF	BY EXCBCL		15.738	0.072	0.043
0.043					
EXCBCL	ON INCBCL	/			
INCBCL	BY EXCBCL		54.220	2.327	2.376
2.376					

ON Statements

SC15	ON K5E1A		74.674	0.166	0.166
0.166					
SC15	ON K5E1B		37.696	0.113	0.113
0.113					
SC15	ON K5E1C		108.780	0.197	0.197
0.197					
SC15	ON K5E1D		60.251	0.160	0.160
0.160					
SC15	ON K6D2D_R		13.155	0.110	0.110
0.111					
SC15	ON K6D2T_R		11.833	0.107	0.107
0.108					
SC15	ON K6D2AC_R		54.187	-0.225	-0.225
-0.229					
SC15	ON K6D2N_R		19.352	-0.130	-0.130
-0.132					
SC15	ON K6D2X_R		65.714	-0.276	-0.276
-0.280					
SC15	ON K6D2Z_R		14.908	0.087	0.087
0.088					
SC15	ON K6D2AB_R		10.162	0.071	0.071
0.072					
SC15	ON K6D61M		40.385	-0.163	-0.163
-0.165					
SC15	ON K6D2B_R		11.128	0.142	0.142

0.144				
SC15	ON K6D2G_R	16.551	0.193	0.193
0.194				
SC15	ON K6D2L_R	10.997	0.165	0.165
0.167				
SC15	ON P5Q3B0	11.095	-0.073	-0.073
-0.075				
SC15	ON P5Q3BB7	11.672	0.110	0.110
0.112				
SC9	ON K5E1A	74.672	-1.284	-1.284
-1.284				
SC9	ON K5E1B	37.708	-0.877	-0.877
-0.877				
SC9	ON K5E1C	108.778	-1.527	-1.527
-1.527				
SC9	ON K5E1D	60.249	-1.240	-1.240
-1.240				
SC9	ON K6D2D_R	11.782	-0.051	-0.051
-0.052				
SC9	ON K6D2AJ_R	13.219	-0.051	-0.051
-0.052				
SC9	ON K6D61E	13.909	-0.076	-0.076
-0.077				
SC9	ON K6D61K	11.074	0.069	0.069
0.071				
SC9	ON K6D40_R	14.941	-0.094	-0.094
-0.096				
SC9	ON K6D48_R	14.185	0.071	0.071
0.072				
SC9	ON K6F68_R	37.245	0.214	0.214
0.218				
SC9	ON K6F74_R	18.216	-0.138	-0.138
-0.140				
SC9	ON P5Q3M	32.281	-0.451	-0.451
-0.461				
SC9	ON P5Q3AH	11.878	-0.326	-0.326
-0.340				
SC9	ON P5Q3CK	37.336	-0.706	-0.706
-0.738				
SC9	ON P5Q3BB6	16.007	0.346	0.346
0.354				
SC9	ON P5Q3AA	35.370	0.331	0.331
0.348				
SC9	ON P5Q3CJ	11.368	-0.263	-0.263
-0.277				
SC9	ON P5Q3R	21.439	-0.252	-0.252
-0.263				
SC9	ON P5Q3V	27.663	0.308	0.308
0.322				
SC9	ON P5Q3CG	65.944	-0.469	-0.469

-0.494				
SC9	ON P5Q3CH	75.447	-0.573	-0.573
-0.600				
SC9	ON P5Q3CI	78.920	-0.628	-0.628
-0.654				
INTERNAL	ON K5E1A	14.805	-0.083	-0.074
-0.074				
INTERNAL	ON K5E1D	14.535	-0.089	-0.080
-0.080				
INTERNAL	ON K6D2AG_R	14.852	0.111	0.099
0.101				
INTERNAL	ON K6D2AI_R	17.864	0.122	0.109
0.110				
INTERNAL	ON K6D2D_R	14.163	0.111	0.100
0.101				
INTERNAL	ON K6D2J_R	14.128	0.103	0.092
0.093				
INTERNAL	ON K6D2T_R	22.538	0.143	0.128
0.129				
INTERNAL	ON K6D2AC_R	39.490	-0.187	-0.167
-0.170				
INTERNAL	ON K6D2X_R	54.519	-0.244	-0.219
-0.222				
INTERNAL	ON K6D2A_R	18.186	0.086	0.077
0.078				
INTERNAL	ON K6D2P_R	13.194	0.074	0.066
0.067				
INTERNAL	ON K6D2R_R	117.295	0.211	0.189
0.191				
INTERNAL	ON K6D2Z_R	19.417	0.088	0.079
0.080				
INTERNAL	ON K6D2AB_R	14.022	0.075	0.067
0.068				
INTERNAL	ON K6D2AJ_R	24.310	0.102	0.091
0.093				
INTERNAL	ON K6D61C	71.933	-0.291	-0.261
-0.269				
INTERNAL	ON K6D61D	38.418	-0.159	-0.142
-0.145				
INTERNAL	ON K6D61E	31.022	-0.178	-0.159
-0.162				
INTERNAL	ON K6D61K	82.309	-0.299	-0.268
-0.276				
INTERNAL	ON K6D61L	39.730	-0.189	-0.169
-0.171				
INTERNAL	ON K6D40_R	14.207	-0.146	-0.131
-0.133				
INTERNAL	ON K6F63_R	29.544	-0.149	-0.133
-0.135				
INTERNAL	ON K6D2B_R	46.333	-0.147	-0.132

-0.133			
INTERNAL ON K6D2G_R	15.423	0.107	0.096
0.096			
INTERNAL ON K6D2I_R	46.444	0.147	0.132
0.132			
INTERNAL ON K6D2K_R	24.809	0.107	0.096
0.097			
INTERNAL ON K6D2M_R	31.139	0.121	0.108
0.109			
INTERNAL ON K6D2O_R	10.205	-0.068	-0.061
-0.061			
INTERNAL ON K6D2S_R	79.606	-0.179	-0.161
-0.163			
INTERNAL ON K6D2V_R	13.029	0.082	0.074
0.074			
INTERNAL ON K6D2AE_R	26.596	0.107	0.096
0.096			
INTERNAL ON P5Q3AL	13.698	-0.113	-0.101
-0.105			
INTERNAL ON P5Q3U	13.019	-0.083	-0.075
-0.078			
EXTERN ON K5E1A	13.420	-0.079	-0.068
-0.068			
EXTERN ON K5E1C	16.385	-0.087	-0.075
-0.075			
EXTERN ON K6D2AK_R	147.517	0.246	0.213
0.214			
EXTERN ON K6D2N_R	27.017	-0.118	-0.102
-0.104			
EXTERN ON K6D2X_R	13.185	-0.100	-0.087
-0.088			
EXTERN ON K6D2R_R	40.790	-0.216	-0.187
-0.189			
EXTERN ON K6D2AJ_R	36.977	-0.218	-0.189
-0.193			
EXTERN ON K6D61C	28.383	0.296	0.256
0.264			
EXTERN ON K6D61D	17.564	0.180	0.155
0.158			
EXTERN ON K6D61K	39.117	0.332	0.287
0.296			
EXTERN ON K6D61L	29.845	0.273	0.236
0.239			
EXTERN ON K6D61M	14.331	-0.155	-0.134
-0.135			
EXTERN ON K6D2I_R	46.905	-0.137	-0.118
-0.119			
EXTERN ON K6D2V_R	10.729	-0.073	-0.063
-0.063			
EXTERN ON K6D2AA_R	13.403	0.084	0.073

0.074				
EXTERN	ON K6D2AE_R	27.951	0.107	0.092
0.092				
EXTERN	ON K6D2AF_R	14.793	0.100	0.086
0.087				
EXTERN	ON P5Q3CK	61.410	-0.350	-0.302
-0.316				
EXTERN	ON P5Q3B0	18.243	0.112	0.097
0.099				
EXTERN	ON P5Q3BB7	11.281	-0.128	-0.111
-0.113				
EXTERN	ON P5Q3CG	15.243	-0.098	-0.084
-0.089				
PAF	ON K5E1A	41.907	0.140	0.113
0.113				
PAF	ON K5E1B	22.703	0.099	0.080
0.080				
PAF	ON K5E1C	43.602	0.141	0.114
0.114				
PAF	ON K5E1D	18.951	0.102	0.082
0.082				
PAF	ON K6D2D_R	30.133	0.128	0.103
0.104				
PAF	ON K6D2J_R	16.769	0.088	0.071
0.071				
PAF	ON K6D2T_R	32.967	0.137	0.110
0.111				
PAF	ON K6D2AC_R	48.178	-0.155	-0.125
-0.127				
PAF	ON K6D2AK_R	50.802	0.163	0.131
0.132				
PAF	ON K6D2N_R	37.922	-0.132	-0.107
-0.108				
PAF	ON K6D2X_R	91.245	-0.232	-0.188
-0.190				
PAF	ON K6D2A_R	14.097	0.076	0.061
0.062				
PAF	ON K6D2Z_R	34.368	0.119	0.096
0.097				
PAF	ON K6D2AB_R	26.359	0.102	0.083
0.084				
PAF	ON K6D61M	36.911	-0.140	-0.113
-0.114				
PAF	ON K6D2B_R	60.295	-0.274	-0.221
-0.224				
PAF	ON K6D2K_R	28.339	0.180	0.145
0.146				
PAF	ON K6D2M_R	22.076	0.160	0.129
0.130				
PAF	ON K6D2S_R	63.593	-0.265	-0.214

-0.217				
PAF	ON K6D2AE_R	57.266	0.246	0.198
0.199				
PAF	ON P5Q3B0	10.492	-0.079	-0.063
-0.065				
PAF	ON P5Q3AA	10.076	0.068	0.055
0.057				
PAF	ON P5Q3CQ	10.220	0.100	0.081
0.087				
PAF	ON P5Q3CW	13.065	0.087	0.070
0.073				
INCBCL	ON K6B1A_R	13.783	0.103	0.049
0.049				
INCBCL	ON K6B1B_R	10.679	0.083	0.039
0.039				
INCBCL	ON K6B1C_R	12.264	0.092	0.044
0.044				
INCBCL	ON K5E1A	12.919	0.187	0.089
0.089				
INCBCL	ON K5E1B	10.425	0.156	0.074
0.074				
INCBCL	ON K5E1C	32.964	0.307	0.146
0.146				
INCBCL	ON K6D61C	19.562	-0.201	-0.096
-0.099				
INCBCL	ON K6D61D	35.660	-0.242	-0.115
-0.117				
INCBCL	ON K6D61K	36.513	-0.270	-0.129
-0.133				
INCBCL	ON K6D61L	36.754	-0.291	-0.138
-0.140				
INCBCL	ON K6D48_R	17.320	-0.190	-0.090
-0.091				
INCBCL	ON K6F63_R	17.338	-0.177	-0.084
-0.086				
INCBCL	ON K6F68_R	99.014	-0.612	-0.291
-0.297				
INCBCL	ON P5Q3M	51.793	-0.428	-0.204
-0.209				
INCBCL	ON P5Q3AF	11.205	-0.210	-0.100
-0.103				
INCBCL	ON P5Q3AH	14.810	-0.264	-0.126
-0.131				
INCBCL	ON P5Q3CK	17.456	-0.343	-0.163
-0.171				
INCBCL	ON P5Q3B0	24.663	-0.286	-0.136
-0.139				
INCBCL	ON P5Q3BB1	18.699	0.290	0.138
0.141				
INCBCL	ON P5Q3BB2	27.141	0.317	0.151

0.153				
INCBCL	ON P5Q3BB6	46.588	0.435	0.207
0.212				
INCBCL	ON P5Q3BB7	17.317	0.312	0.149
0.151				
INCBCL	ON P5Q3AA	60.892	-0.317	-0.151
-0.159				
INCBCL	ON P5Q3BI	18.900	0.184	0.087
0.089				
INCBCL	ON P5Q3CJ	15.778	0.209	0.099
0.105				
INCBCL	ON P5Q3R	22.114	0.187	0.089
0.093				
INCBCL	ON P5Q3T	11.785	-0.157	-0.075
-0.079				
INCBCL	ON P5Q3U	39.582	-0.251	-0.120
-0.126				
INCBCL	ON P5Q3V	69.360	-0.353	-0.168
-0.176				
INCBCL	ON P5Q3CG	69.791	0.339	0.161
0.170				
INCBCL	ON P5Q3CH	96.278	0.449	0.214
0.224				
INCBCL	ON P5Q3CI	106.503	0.511	0.243
0.253				
EXCBCL	ON K5E1B	11.285	0.121	0.059
0.059				
EXCBCL	ON K6D2AG_R	28.026	-0.125	-0.061
-0.061				
EXCBCL	ON K6D2AI_R	18.138	-0.105	-0.051
-0.051				
EXCBCL	ON K6D2AC_R	13.157	-0.087	-0.042
-0.043				
EXCBCL	ON K6D2AK_R	26.290	0.123	0.060
0.060				
EXCBCL	ON K6D2N_R	27.466	-0.125	-0.061
-0.061				
EXCBCL	ON K6D2X_R	17.544	-0.113	-0.055
-0.055				
EXCBCL	ON K6D2R_R	40.971	-0.177	-0.086
-0.087				
EXCBCL	ON K6D61M	21.380	-0.154	-0.075
-0.075				
EXCBCL	ON K6D48_R	14.008	-0.146	-0.071
-0.072				
EXCBCL	ON K6D2G_R	10.940	0.084	0.041
0.041				
EXCBCL	ON K6D2L_R	16.393	0.091	0.044
0.045				
EXCBCL	ON K6D2S_R	12.574	0.063	0.030

0.031				
EXCBCL	ON K6D2Y_R	22.328	0.101	0.049
0.049				
EXCBCL	ON K6D2AA_R	31.542	0.110	0.053
0.054				
EXCBCL	ON K6D2AE_R	26.411	0.109	0.053
0.053				
EXCBCL	ON K6D2AF_R	17.597	0.094	0.046
0.046				
EXCBCL	ON P5Q3M	45.312	0.247	0.120
0.123				
EXCBCL	ON P5Q3AF	21.588	0.182	0.088
0.091				
EXCBCL	ON P5Q3AH	23.057	0.209	0.101
0.106				
EXCBCL	ON P5Q3B0	36.879	0.215	0.105
0.107				
EXCBCL	ON P5Q3BB1	15.690	-0.166	-0.081
-0.082				
EXCBCL	ON P5Q3BB2	17.397	-0.156	-0.076
-0.077				
EXCBCL	ON P5Q3BB6	37.180	-0.242	-0.118
-0.120				
EXCBCL	ON P5Q3BB7	15.400	-0.185	-0.090
-0.092				
EXCBCL	ON P5Q3AA	63.386	0.353	0.172
0.180				
EXCBCL	ON P5Q3CJ	11.351	-0.204	-0.099
-0.104				
EXCBCL	ON P5Q3R	12.653	-0.155	-0.075
-0.078				
EXCBCL	ON P5Q3T	10.920	0.169	0.082
0.087				
EXCBCL	ON P5Q3U	27.748	0.230	0.112
0.118				
EXCBCL	ON P5Q3V	46.602	0.317	0.154
0.161				
EXCBCL	ON P5Q3AJ	11.640	0.195	0.095
0.100				
EXCBCL	ON P5Q3CG	65.717	-0.367	-0.178
-0.188				
EXCBCL	ON P5Q3CH	85.102	-0.475	-0.231
-0.242				
EXCBCL	ON P5Q3CI	86.829	-0.517	-0.251
-0.262				
K6B1A_R	ON K6D2G_R	17.426	0.151	0.151
0.152				
K6B1C_R	ON K5E1C	12.535	0.128	0.128
0.128				
K6B1C_R	ON K6D40_R	13.595	-0.115	-0.115

-0.117				
K6B1C_R	ON	K6D48_R	10.617	-0.103
-0.104				
K6B1C_R	ON	K6F63_R	17.450	-0.123
-0.125				
K6B1C_R	ON	K6F74_R	11.240	-0.115
-0.117				
K5E1A	ON	K6B1A_R	43.905	0.140
0.140				
K5E1A	ON	K6B1B_R	56.534	0.140
0.140				
K5E1A	ON	K6B1C_R	54.030	0.141
0.141				
K5E1A	ON	K6B1D_R	49.076	0.161
0.161				
K5E1A	ON	K5E1B	250.294	0.479
0.479				
K5E1A	ON	K5E1C	232.373	0.476
0.476				
K5E1A	ON	K5E1D	146.682	0.434
0.434				
K5E1A	ON	K6D2AG_R	49.701	-0.116
-0.117				
K5E1A	ON	K6D2AI_R	42.605	-0.135
-0.135				
K5E1A	ON	K6D2D_R	46.886	-0.132
-0.133				
K5E1A	ON	K6D2J_R	47.685	-0.138
-0.139				
K5E1A	ON	K6D2T_R	47.004	-0.128
-0.129				
K5E1A	ON	K6D2AC_R	52.438	-0.110
-0.112				
K5E1A	ON	K6D2AK_R	42.842	-0.135
-0.136				
K5E1A	ON	K6D2C_R	47.279	-0.135
-0.137				
K5E1A	ON	K6D2N_R	52.514	-0.112
-0.113				
K5E1A	ON	K6D2X_R	59.575	-0.132
-0.133				
K5E1A	ON	K6D2A_R	25.152	-0.118
-0.119				
K5E1A	ON	K6D2P_R	29.634	-0.099
-0.101				
K5E1A	ON	K6D2R_R	26.985	-0.118
-0.119				
K5E1A	ON	K6D2Z_R	25.331	-0.108
-0.110				
K5E1A	ON	K6D2AB_R	27.279	-0.110

-0.111				
K5E1A	ON K6D2AJ_R	30.658	-0.097	-0.097
-0.099				
K5E1A	ON K6D61C	37.512	-0.107	-0.107
-0.110				
K5E1A	ON K6D61D	32.758	-0.125	-0.125
-0.127				
K5E1A	ON K6D61E	38.817	-0.148	-0.148
-0.150				
K5E1A	ON K6D61K	39.154	-0.111	-0.111
-0.115				
K5E1A	ON K6D61L	32.361	-0.146	-0.146
-0.148				
K5E1A	ON K6D61M	26.949	-0.135	-0.135
-0.136				
K5E1A	ON K6D40_R	39.018	-0.145	-0.145
-0.148				
K5E1A	ON K6D48_R	30.990	-0.138	-0.138
-0.140				
K5E1A	ON K6F63_R	35.354	-0.138	-0.138
-0.140				
K5E1A	ON K6F68_R	41.494	-0.151	-0.151
-0.155				
K5E1A	ON K6F74_R	43.569	-0.162	-0.162
-0.165				
K5E1A	ON K6D2B_R	63.414	0.132	0.132
0.134				
K5E1A	ON K6D2F_R	67.729	0.148	0.148
0.149				
K5E1A	ON K6D2G_R	54.032	0.191	0.191
0.192				
K5E1A	ON K6D2I_R	48.790	0.153	0.153
0.154				
K5E1A	ON K6D2K_R	60.638	0.156	0.156
0.157				
K5E1A	ON K6D2L_R	69.783	0.155	0.155
0.157				
K5E1A	ON K6D2M_R	55.143	0.146	0.146
0.147				
K5E1A	ON K6D20_R	56.071	0.154	0.154
0.155				
K5E1A	ON K6D2S_R	70.214	0.122	0.122
0.124				
K5E1A	ON K6D2V_R	60.368	0.155	0.155
0.156				
K5E1A	ON K6D2W_R	60.336	0.142	0.142
0.143				
K5E1A	ON K6D2Y_R	63.590	0.156	0.156
0.157				
K5E1A	ON K6D2AA_R	65.840	0.141	0.141

0.143				
K5E1A	ON K6D2AE_R	50.414	0.164	0.164
0.165				
K5E1A	ON K6D2AF_R	57.109	0.154	0.154
0.155				
K5E1A	ON K6D2AH_R	56.678	0.177	0.177
0.178				
K5E1B	ON K6B1A_R	31.792	0.115	0.115
0.115				
K5E1B	ON K6B1B_R	35.026	0.106	0.106
0.106				
K5E1B	ON K6B1C_R	29.714	0.100	0.100
0.100				
K5E1B	ON K6B1D_R	23.721	0.109	0.109
0.109				
K5E1B	ON K5E1A	250.293	0.479	0.479
0.479				
K5E1B	ON K5E1C	176.733	0.429	0.429
0.429				
K5E1B	ON K5E1D	96.557	0.368	0.368
0.368				
K5E1B	ON K6D2AG_R	12.628	-0.056	-0.056
-0.057				
K5E1B	ON K6D2AI_R	12.717	-0.071	-0.071
-0.071				
K5E1B	ON K6D2D_R	12.927	-0.067	-0.067
-0.067				
K5E1B	ON K6D2J_R	12.204	-0.067	-0.067
-0.068				
K5E1B	ON K6D2T_R	12.853	-0.064	-0.064
-0.065				
K5E1B	ON K6D2AC_R	13.747	-0.054	-0.054
-0.055				
K5E1B	ON K6D2AK_R	12.593	-0.071	-0.071
-0.071				
K5E1B	ON K6D2C_R	11.302	-0.064	-0.064
-0.064				
K5E1B	ON K6D2N_R	12.576	-0.053	-0.053
-0.053				
K5E1B	ON K6D2X_R	15.260	-0.064	-0.064
-0.065				
K5E1B	ON K6D2B_R	29.834	0.087	0.087
0.088				
K5E1B	ON K6D2F_R	28.227	0.092	0.092
0.093				
K5E1B	ON K6D2G_R	25.538	0.126	0.126
0.127				
K5E1B	ON K6D2I_R	19.370	0.093	0.093
0.094				
K5E1B	ON K6D2K_R	29.293	0.103	0.103

0.104				
K5E1B	ON	K6D2L_R	26.940	0.093
0.094				0.093
K5E1B	ON	K6D2M_R	24.069	0.094
0.094				0.094
K5E1B	ON	K6D2O_R	27.008	0.102
0.103				0.102
K5E1B	ON	K6D2S_R	29.456	0.076
0.077				0.076
K5E1B	ON	K6D2V_R	29.686	0.105
0.105				0.105
K5E1B	ON	K6D2W_R	27.467	0.092
0.093				0.092
K5E1B	ON	K6D2Y_R	28.179	0.100
0.101				0.100
K5E1B	ON	K6D2AA_R	27.941	0.088
0.089				0.088
K5E1B	ON	K6D2AE_R	25.441	0.111
0.111				0.111
K5E1B	ON	K6D2AF_R	25.041	0.098
0.099				0.098
K5E1B	ON	K6D2AH_R	24.906	0.114
0.115				0.114
K5E1C	ON	K6B1A_R	82.582	0.189
0.189				0.189
K5E1C	ON	K6B1B_R	87.139	0.170
0.170				0.170
K5E1C	ON	K6B1C_R	88.594	0.176
0.176				0.176
K5E1C	ON	K6B1D_R	77.023	0.200
0.200				0.200
K5E1C	ON	K5E1A	232.373	0.476
0.476				0.476
K5E1C	ON	K5E1B	176.734	0.429
0.429				0.429
K5E1C	ON	K5E1D	259.268	0.519
0.519				0.519
K5E1C	ON	K6D2AG_R	48.993	-0.115
-0.116				-0.115
K5E1C	ON	K6D2AI_R	38.879	-0.128
-0.129				-0.128
K5E1C	ON	K6D2D_R	44.645	-0.130
-0.131				-0.130
K5E1C	ON	K6D2J_R	41.193	-0.129
-0.130				-0.129
K5E1C	ON	K6D2T_R	44.272	-0.124
-0.125				-0.124
K5E1C	ON	K6D2AC_R	57.223	-0.115
-0.117				-0.115
K5E1C	ON	K6D2AK_R	43.770	-0.137
				-0.137

-0.138				
K5E1C	ON K6D2C_R	42.355	-0.128	-0.128
-0.129				
K5E1C	ON K6D2N_R	50.308	-0.110	-0.110
-0.111				
K5E1C	ON K6D2X_R	60.440	-0.133	-0.133
-0.135				
K5E1C	ON K6D2A_R	25.272	-0.117	-0.117
-0.118				
K5E1C	ON K6D2P_R	36.918	-0.109	-0.109
-0.111				
K5E1C	ON K6D2R_R	27.589	-0.119	-0.119
-0.120				
K5E1C	ON K6D2Z_R	26.823	-0.111	-0.111
-0.112				
K5E1C	ON K6D2AB_R	35.282	-0.124	-0.124
-0.126				
K5E1C	ON K6D2AJ_R	40.429	-0.112	-0.112
-0.114				
K5E1C	ON K6D61C	44.608	-0.116	-0.116
-0.120				
K5E1C	ON K6D61D	38.516	-0.135	-0.135
-0.137				
K5E1C	ON K6D61E	43.696	-0.157	-0.157
-0.160				
K5E1C	ON K6D61K	44.505	-0.118	-0.118
-0.122				
K5E1C	ON K6D61L	36.449	-0.155	-0.155
-0.157				
K5E1C	ON K6D61M	31.273	-0.145	-0.145
-0.146				
K5E1C	ON K6D40_R	43.897	-0.153	-0.153
-0.155				
K5E1C	ON K6D48_R	37.647	-0.153	-0.153
-0.155				
K5E1C	ON K6F63_R	45.738	-0.156	-0.156
-0.158				
K5E1C	ON K6F68_R	48.256	-0.164	-0.164
-0.167				
K5E1C	ON K6F74_R	47.852	-0.168	-0.168
-0.171				
K5E1C	ON K6D2B_R	73.435	0.141	0.141
0.143				
K5E1C	ON K6D2F_R	71.803	0.150	0.150
0.152				
K5E1C	ON K6D2G_R	65.297	0.210	0.210
0.211				
K5E1C	ON K6D2I_R	65.868	0.177	0.177
0.178				
K5E1C	ON K6D2K_R	64.224	0.157	0.157

0.158				
K5E1C	ON K6D2L_R	81.239	0.164	0.164
0.166				
K5E1C	ON K6D2M_R	66.362	0.160	0.160
0.161				
K5E1C	ON K6D2O_R	60.317	0.157	0.157
0.158				
K5E1C	ON K6D2S_R	77.246	0.127	0.127
0.129				
K5E1C	ON K6D2V_R	64.946	0.159	0.159
0.160				
K5E1C	ON K6D2W_R	69.776	0.150	0.150
0.152				
K5E1C	ON K6D2Y_R	77.858	0.170	0.170
0.171				
K5E1C	ON K6D2AA_R	72.388	0.146	0.146
0.148				
K5E1C	ON K6D2AE_R	53.939	0.167	0.167
0.167				
K5E1C	ON K6D2AF_R	74.411	0.173	0.173
0.174				
K5E1C	ON K6D2AH_R	64.251	0.185	0.185
0.186				
K5E1C	ON P5Q3CK	13.082	0.230	0.230
0.240				
K5E1C	ON P5Q3BB6	12.021	0.180	0.180
0.184				
K5E1C	ON P5Q3BB7	11.327	0.219	0.219
0.223				
K5E1D	ON K6B1A_R	48.772	0.157	0.157
0.157				
K5E1D	ON K6B1B_R	41.019	0.128	0.128
0.128				
K5E1D	ON K6B1C_R	45.857	0.139	0.139
0.139				
K5E1D	ON K6B1D_R	49.703	0.174	0.174
0.174				
K5E1D	ON K5E1A	146.682	0.434	0.434
0.434				
K5E1D	ON K5E1B	96.559	0.368	0.368
0.368				
K5E1D	ON K5E1C	259.268	0.519	0.519
0.519				
K5E1D	ON K6D2AG_R	38.899	-0.112	-0.112
-0.113				
K5E1D	ON K6D2AI_R	32.318	-0.126	-0.126
-0.127				
K5E1D	ON K6D2D_R	38.915	-0.131	-0.131
-0.132				
K5E1D	ON K6D2J_R	31.597	-0.122	-0.122

-0.123				
K5E1D	ON K6D2T_R	38.120	-0.125	-0.125
-0.126				
K5E1D	ON K6D2AC_R	42.768	-0.109	-0.109
-0.110				
K5E1D	ON K6D2AK_R	39.526	-0.141	-0.141
-0.142				
K5E1D	ON K6D2C_R	35.274	-0.127	-0.127
-0.128				
K5E1D	ON K6D2N_R	39.090	-0.105	-0.105
-0.106				
K5E1D	ON K6D2X_R	48.234	-0.128	-0.128
-0.129				
K5E1D	ON K6D2A_R	18.086	-0.108	-0.108
-0.109				
K5E1D	ON K6D2P_R	22.673	-0.092	-0.092
-0.094				
K5E1D	ON K6D2R_R	12.552	-0.086	-0.086
-0.087				
K5E1D	ON K6D2Z_R	20.827	-0.105	-0.105
-0.106				
K5E1D	ON K6D2AB_R	21.907	-0.106	-0.106
-0.108				
K5E1D	ON K6D2AJ_R	25.212	-0.096	-0.096
-0.098				
K5E1D	ON K6D61C	28.783	-0.101	-0.101
-0.105				
K5E1D	ON K6D61D	24.129	-0.117	-0.117
-0.119				
K5E1D	ON K6D61E	26.930	-0.135	-0.135
-0.137				
K5E1D	ON K6D61K	28.157	-0.103	-0.103
-0.106				
K5E1D	ON K6D61L	27.547	-0.148	-0.148
-0.150				
K5E1D	ON K6D61M	16.927	-0.114	-0.114
-0.115				
K5E1D	ON K6D40_R	26.909	-0.130	-0.130
-0.133				
K5E1D	ON K6D48_R	23.262	-0.131	-0.131
-0.133				
K5E1D	ON K6F63_R	24.585	-0.125	-0.125
-0.127				
K5E1D	ON K6F68_R	30.997	-0.144	-0.144
-0.147				
K5E1D	ON K6F74_R	28.097	-0.141	-0.141
-0.143				
K5E1D	ON K6D2B_R	48.612	0.125	0.125
0.127				
K5E1D	ON K6D2F_R	39.781	0.123	0.123

0.124				
K5E1D	ON K6D2G_R	37.677	0.171	0.171
0.172				
K5E1D	ON K6D2I_R	32.027	0.136	0.136
0.136				
K5E1D	ON K6D2K_R	38.547	0.135	0.135
0.136				
K5E1D	ON K6D2L_R	47.320	0.137	0.137
0.138				
K5E1D	ON K6D2M_R	39.136	0.135	0.135
0.136				
K5E1D	ON K6D2O_R	41.911	0.144	0.144
0.145				
K5E1D	ON K6D2S_R	43.308	0.104	0.104
0.106				
K5E1D	ON K6D2V_R	39.471	0.136	0.136
0.137				
K5E1D	ON K6D2W_R	37.573	0.120	0.120
0.121				
K5E1D	ON K6D2Y_R	41.207	0.135	0.135
0.136				
K5E1D	ON K6D2AA_R	45.056	0.125	0.125
0.126				
K5E1D	ON K6D2AE_R	28.241	0.130	0.130
0.131				
K5E1D	ON K6D2AF_R	40.334	0.139	0.139
0.140				
K5E1D	ON K6D2AH_R	29.632	0.137	0.137
0.138				
K6D2AG_R	ON K6D2AI_R	15.553	0.114	0.114
0.113				
K6D2AG_R	ON K6D2T_R	33.069	0.161	0.161
0.161				
K6D2AG_R	ON K6D61C	12.675	-0.085	-0.085
-0.087				
K6D2AG_R	ON K6D61D	13.197	-0.102	-0.102
-0.102				
K6D2AG_R	ON K6D61E	12.833	-0.112	-0.112
-0.112				
K6D2AG_R	ON K6D61K	13.237	-0.089	-0.089
-0.090				
K6D2AG_R	ON K6D61L	13.218	-0.119	-0.119
-0.119				
K6D2AI_R	ON K6D2AG_R	15.553	0.114	0.114
0.115				
K6D2AI_R	ON K6D2T_R	11.108	0.107	0.107
0.107				
K6D2AI_R	ON K6D2I_R	12.212	0.102	0.102
0.102				
K6D2AI_R	ON K6D2M_R	12.329	0.095	0.095

0.095				
K6D2D_R	ON	K6B1A_R	10.034	0.084 0.084
0.083				
K6D2D_R	ON	K6D2T_R	22.645	0.147 0.147
0.147				
K6D2D_R	ON	K6D2C_R	15.543	0.120 0.120
0.120				
K6D2D_R	ON	K6D2R_R	10.091	0.082 0.082
0.082				
K6D2D_R	ON	K6D2B_R	16.763	0.104 0.104
0.104				
K6D2D_R	ON	K6D2F_R	21.565	0.122 0.122
0.122				
K6D2D_R	ON	K6D2G_R	18.704	0.158 0.158
0.157				
K6D2D_R	ON	K6D2I_R	23.057	0.145 0.145
0.145				
K6D2D_R	ON	K6D2K_R	29.459	0.155 0.155
0.154				
K6D2D_R	ON	K6D2L_R	16.142	0.116 0.116
0.117				
K6D2D_R	ON	K6D2M_R	24.319	0.138 0.138
0.138				
K6D2D_R	ON	K6D2S_R	19.351	0.099 0.099
0.099				
K6D2D_R	ON	K6D2V_R	24.073	0.141 0.141
0.141				
K6D2D_R	ON	K6D2W_R	21.228	0.122 0.122
0.122				
K6D2D_R	ON	K6D2Y_R	16.484	0.118 0.118
0.118				
K6D2D_R	ON	K6D2AA_R	22.765	0.126 0.126
0.126				
K6D2D_R	ON	K6D2AE_R	22.685	0.145 0.145
0.144				
K6D2D_R	ON	K6D2AF_R	19.582	0.137 0.137
0.136				
K6D2D_R	ON	K6D2AH_R	15.882	0.128 0.128
0.128				
K6D2D_R	ON	P5Q3AH	10.645	0.055 0.055
0.057				
K6D2D_R	ON	P5Q3AR	10.663	0.075 0.075
0.076				
K6D2D_R	ON	P5Q3AV	10.520	0.060 0.060
0.061				
K6D2D_R	ON	P5Q3CK	10.442	0.054 0.054
0.056				
K6D2D_R	ON	P5Q3A0	11.846	0.081 0.081
0.082				
K6D2D_R	ON	P5Q3CU	12.852	0.077 0.077

0.078				
K6D2D_R	ON	P5Q3DA	11.411	0.066
0.067				0.066
K6D2D_R	ON	P5Q3AZ	11.289	0.065
0.066				0.065
K6D2D_R	ON	P5Q3BB1	10.602	0.072
0.073				0.072
K6D2J_R	ON	K6D2C_R	15.696	0.112
0.112				0.112
K6D2J_R	ON	K6D2R_R	12.757	0.081
0.081				0.081
K6D2J_R	ON	K6D2G_R	17.246	0.144
0.143				0.144
K6D2J_R	ON	K6D2I_R	24.354	0.134
0.133				0.134
K6D2J_R	ON	K6D2K_R	21.480	0.121
0.121				0.121
K6D2J_R	ON	K6D2L_R	14.728	0.107
0.108				0.107
K6D2J_R	ON	K6D2M_R	16.921	0.106
0.106				0.106
K6D2J_R	ON	K6D2V_R	22.345	0.128
0.128				0.128
K6D2J_R	ON	K6D2W_R	10.899	0.082
0.082				0.082
K6D2J_R	ON	K6D2AE_R	12.471	0.095
0.095				0.095
K6D2J_R	ON	K6D2AF_R	10.677	0.094
0.094				0.094
K6D2T_R	ON	K6D2AG_R	33.069	0.161
0.162				0.161
K6D2T_R	ON	K6D2AI_R	11.108	0.107
0.107				0.107
K6D2T_R	ON	K6D2D_R	22.645	0.147
0.147				0.147
K6D2T_R	ON	K6D2R_R	12.873	0.093
0.093				0.093
K6D2T_R	ON	K6D2B_R	22.458	0.124
0.124				0.124
K6D2T_R	ON	K6D2F_R	21.000	0.123
0.123				0.123
K6D2T_R	ON	K6D2G_R	22.063	0.180
0.179				0.180
K6D2T_R	ON	K6D2I_R	21.115	0.142
0.142				0.142
K6D2T_R	ON	K6D2K_R	13.047	0.102
0.102				0.102
K6D2T_R	ON	K6D2L_R	22.406	0.141
0.142				0.141
K6D2T_R	ON	K6D2M_R	14.678	0.108
				0.108

0.108				
K6D2T_R ON K6D20_R	12.027	0.101	0.101	
0.101				
K6D2T_R ON K6D2S_R	28.867	0.125	0.125	
0.126				
K6D2T_R ON K6D2V_R	15.863	0.115	0.115	
0.114				
K6D2T_R ON K6D2W_R	19.341	0.118	0.118	
0.118				
K6D2T_R ON K6D2Y_R	22.854	0.142	0.142	
0.142				
K6D2T_R ON K6D2AA_R	23.381	0.130	0.130	
0.131				
K6D2T_R ON K6D2AE_R	30.781	0.176	0.176	
0.175				
K6D2T_R ON K6D2AF_R	24.630	0.157	0.157	
0.157				
K6D2T_R ON K6D2AH_R	18.210	0.140	0.140	
0.139				
K6D2AC_R ON K6B1A_R	24.611	-0.129	-0.129	
-0.127				
K6D2AC_R ON K6B1B_R	20.812	-0.109	-0.109	
-0.107				
K6D2AC_R ON K6B1C_R	24.274	-0.121	-0.121	
-0.119				
K6D2AC_R ON K6B1D_R	19.442	-0.131	-0.131	
-0.129				
K6D2AC_R ON K6D2B_R	57.247	-0.170	-0.170	
-0.169				
K6D2AC_R ON K6D2F_R	36.839	-0.151	-0.151	
-0.150				
K6D2AC_R ON K6D2G_R	19.824	-0.164	-0.164	
-0.162				
K6D2AC_R ON K6D2I_R	10.280	-0.097	-0.097	
-0.096				
K6D2AC_R ON K6D2K_R	15.433	-0.109	-0.109	
-0.108				
K6D2AC_R ON K6D2L_R	41.267	-0.177	-0.177	
-0.176				
K6D2AC_R ON K6D2M_R	12.653	-0.100	-0.100	
-0.099				
K6D2AC_R ON K6D20_R	26.895	-0.145	-0.145	
-0.144				
K6D2AC_R ON K6D2S_R	81.698	-0.166	-0.166	
-0.166				
K6D2AC_R ON K6D2V_R	16.829	-0.118	-0.118	
-0.117				
K6D2AC_R ON K6D2W_R	25.682	-0.132	-0.132	
-0.131				
K6D2AC_R ON K6D2Y_R	38.438	-0.174	-0.174	

-0.172			
K6D2AC_R ON K6D2AA_R	43.780	-0.158	-0.158
-0.157			
K6D2AC_R ON K6D2AF_R	25.103	-0.153	-0.153
-0.152			
K6D2AC_R ON K6D2AH_R	18.568	-0.135	-0.135
-0.134			
K6D2AK_R ON K6D2A_R	98.241	0.249	0.249
0.249			
K6D2AK_R ON K6D2P_R	123.555	0.216	0.216
0.219			
K6D2AK_R ON K6D2R_R	122.766	0.259	0.259
0.260			
K6D2AK_R ON K6D2Z_R	110.617	0.236	0.236
0.238			
K6D2AK_R ON K6D2AB_R	131.399	0.251	0.251
0.253			
K6D2AK_R ON K6D2AJ_R	186.854	0.246	0.246
0.250			
K6D2AK_R ON K6D61C	110.782	0.238	0.238
0.244			
K6D2AK_R ON K6D61D	80.220	0.234	0.234
0.236			
K6D2AK_R ON K6D61E	97.828	0.290	0.290
0.293			
K6D2AK_R ON K6D61K	106.337	0.236	0.236
0.242			
K6D2AK_R ON K6D61L	88.400	0.287	0.287
0.289			
K6D2AK_R ON K6D61M	86.050	0.268	0.268
0.269			
K6D2AK_R ON K6D40_R	114.903	0.319	0.319
0.323			
K6D2AK_R ON K6D48_R	82.861	0.274	0.274
0.275			
K6D2AK_R ON K6F63_R	81.585	0.255	0.255
0.257			
K6D2AK_R ON K6F68_R	151.156	0.384	0.384
0.389			
K6D2AK_R ON K6F74_R	141.492	0.387	0.387
0.391			
K6D2AK_R ON K6D2B_R	32.029	0.143	0.143
0.144			
K6D2AK_R ON K6D2F_R	38.582	0.160	0.160
0.161			
K6D2AK_R ON K6D2G_R	37.498	0.224	0.224
0.223			
K6D2AK_R ON K6D2I_R	14.012	0.105	0.105
0.104			
K6D2AK_R ON K6D2K_R	23.545	0.129	0.129

0.129			
K6D2AK_R ON K6D2L_R	37.138	0.182	0.182
0.182			
K6D2AK_R ON K6D2M_R	25.363	0.136	0.136
0.136			
K6D2AK_R ON K6D2O_R	23.377	0.135	0.135
0.135			
K6D2AK_R ON K6D2S_R	34.577	0.131	0.131
0.132			
K6D2AK_R ON K6D2V_R	22.761	0.133	0.133
0.133			
K6D2AK_R ON K6D2W_R	29.458	0.141	0.141
0.141			
K6D2AK_R ON K6D2Y_R	30.016	0.157	0.157
0.157			
K6D2AK_R ON K6D2AA_R	42.376	0.170	0.170
0.170			
K6D2AK_R ON K6D2AE_R	30.812	0.159	0.159
0.159			
K6D2AK_R ON K6D2AF_R	38.751	0.191	0.191
0.191			
K6D2AK_R ON K6D2AH_R	22.385	0.145	0.145
0.144			
K6D2AK_R ON P5Q3X	14.120	0.075	0.075
0.077			
K6D2AK_R ON P5Q3AA	15.457	0.063	0.063
0.066			
K6D2AK_R ON P5Q3AL	16.431	0.079	0.079
0.081			
K6D2AK_R ON P5Q3AP	15.306	0.065	0.065
0.067			
K6D2AK_R ON P5Q3BI	10.500	0.080	0.080
0.081			
K6D2AK_R ON P5Q3BZ	19.277	0.075	0.075
0.079			
K6D2AK_R ON P5Q3CJ	16.833	0.071	0.071
0.074			
K6D2AK_R ON P5Q3C	14.677	0.069	0.069
0.071			
K6D2AK_R ON P5Q3O	18.023	0.069	0.069
0.073			
K6D2AK_R ON P5Q3R	15.406	0.068	0.068
0.071			
K6D2AK_R ON P5Q3S	18.164	0.067	0.067
0.070			
K6D2AK_R ON P5Q3T	16.686	0.065	0.065
0.069			
K6D2AK_R ON P5Q3U	13.849	0.058	0.058
0.061			
K6D2AK_R ON P5Q3V	16.502	0.069	0.069

0.071			
K6D2AK_R ON P5Q3AJ	18.349	0.072	0.072
0.076			
K6D2AK_R ON P5Q3BC	18.457	0.068	0.068
0.072			
K6D2AK_R ON P5Q3BN	14.489	0.062	0.062
0.065			
K6D2AK_R ON P5Q3CF	14.084	0.059	0.059
0.062			
K6D2AK_R ON P5Q3CG	13.285	0.058	0.058
0.061			
K6D2AK_R ON P5Q3CH	17.650	0.073	0.073
0.076			
K6D2AK_R ON P5Q3CI	16.432	0.076	0.076
0.079			
K6D2AK_R ON P5Q3CN	15.494	0.073	0.073
0.075			
K6D2AK_R ON P5Q3C0	15.376	0.060	0.060
0.063			
K6D2AK_R ON P5Q3CQ	17.780	0.063	0.063
0.067			
K6D2AK_R ON P5Q3CW	16.891	0.076	0.076
0.079			
K6D2C_R ON K6D2D_R	15.544	0.120	0.120
0.120			
K6D2C_R ON K6D2J_R	15.695	0.112	0.112
0.112			
K6D2C_R ON K6D2A_R	23.696	0.115	0.115
0.115			
K6D2C_R ON K6D2R_R	28.133	0.121	0.121
0.121			
K6D2C_R ON K6D2Z_R	18.774	0.096	0.096
0.097			
K6D2C_R ON K6D2I_R	16.815	0.114	0.114
0.114			
K6D2C_R ON K6D2K_R	15.634	0.105	0.105
0.104			
K6D2C_R ON K6D2M_R	13.843	0.098	0.098
0.098			
K6D2N_R ON K6D2A_R	11.820	-0.094	-0.094
-0.094			
K6D2N_R ON K6D2P_R	13.860	-0.081	-0.081
-0.082			
K6D2N_R ON K6D2Z_R	11.407	-0.086	-0.086
-0.086			
K6D2N_R ON K6D2AB_R	14.024	-0.094	-0.094
-0.094			
K6D2N_R ON K6D2AJ_R	14.655	-0.084	-0.084
-0.084			
K6D2N_R ON K6D61C	30.415	-0.136	-0.136

-0.139				
K6D2N_R	ON	K6D61D	26.148	-0.145
-0.145				-0.145
K6D2N_R	ON	K6D61E	30.903	-0.180
-0.180				-0.180
K6D2N_R	ON	K6D61K	29.728	-0.136
-0.138				-0.136
K6D2N_R	ON	K6D61L	30.539	-0.187
-0.187				-0.187
K6D2N_R	ON	K6D40_R	20.557	-0.146
-0.147				-0.146
K6D2N_R	ON	K6D48_R	16.183	-0.130
-0.130				-0.130
K6D2N_R	ON	K6F63_R	21.469	-0.140
-0.140				-0.140
K6D2N_R	ON	K6F68_R	21.897	-0.159
-0.160				-0.159
K6D2N_R	ON	K6F74_R	21.441	-0.164
-0.164				-0.164
K6D2N_R	ON	K6D2B_R	41.155	-0.139
-0.139				-0.139
K6D2N_R	ON	K6D2F_R	21.842	-0.112
-0.111				-0.112
K6D2N_R	ON	K6D2G_R	11.350	-0.119
-0.118				-0.119
K6D2N_R	ON	K6D2L_R	31.561	-0.146
-0.145				-0.146
K6D2N_R	ON	K6D20_R	21.598	-0.119
-0.118				-0.119
K6D2N_R	ON	K6D2S_R	60.914	-0.141
-0.141				-0.141
K6D2N_R	ON	K6D2V_R	11.218	-0.092
-0.091				-0.092
K6D2N_R	ON	K6D2W_R	19.364	-0.109
-0.108				-0.109
K6D2N_R	ON	K6D2Y_R	23.033	-0.130
-0.129				-0.130
K6D2N_R	ON	K6D2AA_R	27.042	-0.123
-0.122				-0.123
K6D2N_R	ON	K6D2AF_R	16.398	-0.118
-0.117				-0.118
K6D2X_R	ON	K6B1A_R	22.378	-0.142
-0.140				-0.142
K6D2X_R	ON	K6B1B_R	25.012	-0.135
-0.133				-0.135
K6D2X_R	ON	K6B1C_R	25.841	-0.141
-0.139				-0.141
K6D2X_R	ON	K6B1D_R	24.263	-0.163
-0.160				-0.163
K6D2X_R	ON	K6D61C	10.358	-0.094
				-0.094

-0.096				
K6D2X_R	ON	K6D61E	11.083	-0.130
-0.131				-0.130
K6D2X_R	ON	K6D61K	11.150	-0.099
-0.101				-0.099
K6D2X_R	ON	K6D61L	11.720	-0.142
-0.142				-0.142
K6D2X_R	ON	K6D2B_R	117.738	-0.245
-0.245				-0.245
K6D2X_R	ON	K6D2F_R	44.622	-0.192
-0.191				-0.192
K6D2X_R	ON	K6D2G_R	38.580	-0.263
-0.261				-0.263
K6D2X_R	ON	K6D2I_R	20.584	-0.161
-0.159				-0.161
K6D2X_R	ON	K6D2K_R	33.135	-0.186
-0.185				-0.186
K6D2X_R	ON	K6D2L_R	78.302	-0.255
-0.254				-0.255
K6D2X_R	ON	K6D2M_R	27.661	-0.169
-0.168				-0.169
K6D2X_R	ON	K6D2O_R	63.050	-0.243
-0.242				-0.243
K6D2X_R	ON	K6D2S_R	81.374	-0.184
-0.184				-0.184
K6D2X_R	ON	K6D2V_R	45.397	-0.216
-0.215				-0.216
K6D2X_R	ON	K6D2W_R	53.819	-0.206
-0.205				-0.206
K6D2X_R	ON	K6D2Y_R	54.712	-0.225
-0.224				-0.225
K6D2X_R	ON	K6D2AA_R	56.501	-0.203
-0.203				-0.203
K6D2X_R	ON	K6D2AE_R	24.862	-0.175
-0.174				-0.175
K6D2X_R	ON	K6D2AF_R	61.221	-0.256
-0.255				-0.256
K6D2X_R	ON	K6D2AH_R	36.908	-0.220
-0.218				-0.220
K6D2A_R	ON	K6D2D_R	12.837	0.077
0.077				0.077
K6D2A_R	ON	K6D2AK_R	15.432	0.089
0.089				0.089
K6D2A_R	ON	K6D2C_R	18.008	0.088
0.088				0.088
K6D2A_R	ON	K6D2P_R	12.492	0.100
0.101				0.100
K6D2A_R	ON	K6D2R_R	12.542	0.104
0.104				0.104
K6D2A_R	ON	K6D2Z_R	25.169	0.139
				0.139

0.139				
K6D2A_R	ON	K6D61C	14.907	-0.243
-0.249				-0.243
K6D2A_R	ON	K6D61K	17.628	-0.241
-0.246				-0.241
K6D2A_R	ON	K6D61M	11.069	-0.133
-0.133				-0.133
K6D2A_R	ON	K6D40_R	17.303	-0.281
-0.283				-0.281
K6D2A_R	ON	K6D48_R	13.387	-0.189
-0.189				-0.189
K6D2A_R	ON	K6F63_R	15.561	-0.188
-0.189				-0.188
K6D2P_R	ON	K6D2AI_R	12.062	0.079
0.078				0.079
K6D2P_R	ON	K6D2D_R	16.188	0.088
0.087				0.088
K6D2P_R	ON	K6D2J_R	16.889	0.087
0.086				0.087
K6D2P_R	ON	K6D2T_R	17.504	0.089
0.088				0.089
K6D2P_R	ON	K6D2AK_R	40.295	0.138
0.136				0.138
K6D2P_R	ON	K6D2C_R	18.792	0.092
0.091				0.092
K6D2P_R	ON	K6D2X_R	11.798	0.073
0.073				0.073
K6D2P_R	ON	K6D2A_R	12.493	0.100
0.099				0.100
K6D2P_R	ON	K6D2R_R	14.127	0.103
0.102				0.103
K6D2P_R	ON	K6D2Z_R	25.870	0.135
0.134				0.135
K6D2P_R	ON	K6D2AB_R	18.489	0.116
0.115				0.116
K6D2P_R	ON	K6D2AJ_R	18.134	0.114
0.114				0.114
K6D2P_R	ON	K6D61C	50.682	-0.432
-0.437				-0.432
K6D2P_R	ON	K6D61D	18.424	-0.181
-0.181				-0.181
K6D2P_R	ON	K6D61E	11.831	-0.192
-0.191				-0.192
K6D2P_R	ON	K6D61K	52.398	-0.406
-0.410				-0.406
K6D2P_R	ON	K6D40_R	18.222	-0.298
-0.297				-0.298
K6D2P_R	ON	K6D48_R	12.583	-0.180
-0.178				-0.180
K6D2P_R	ON	K6F63_R	23.537	-0.224
				-0.224

-0.223				
K6D2P_R	ON	K6F74_R	14.146	-0.349
-0.348				-0.349
K6D2P_R	ON	K6D2I_R	13.096	-0.079
-0.078				-0.079
K6D2P_R	ON	K6D2V_R	15.231	-0.079
-0.078				-0.079
K6D2R_R	ON	K6D2AG_R	60.177	0.144
0.144				0.144
K6D2R_R	ON	K6D2AI_R	52.754	0.164
0.163				0.164
K6D2R_R	ON	K6D2D_R	68.461	0.177
0.176				0.177
K6D2R_R	ON	K6D2J_R	59.694	0.160
0.160				0.160
K6D2R_R	ON	K6D2T_R	80.452	0.186
0.185				0.186
K6D2R_R	ON	K6D2AC_R	47.910	0.123
0.124				0.123
K6D2R_R	ON	K6D2AK_R	84.633	0.199
0.198				0.199
K6D2R_R	ON	K6D2C_R	76.287	0.178
0.177				0.178
K6D2R_R	ON	K6D2N_R	47.383	0.123
0.123				0.123
K6D2R_R	ON	K6D2X_R	55.691	0.155
0.155				0.155
K6D2R_R	ON	K6D2A_R	12.542	0.104
0.104				0.104
K6D2R_R	ON	K6D2P_R	14.126	0.103
0.104				0.103
K6D2R_R	ON	K6D2Z_R	38.800	0.165
0.166				0.165
K6D2R_R	ON	K6D61C	38.944	-0.391
-0.399				-0.391
K6D2R_R	ON	K6D61D	27.748	-0.230
-0.231				-0.230
K6D2R_R	ON	K6D61E	34.470	-0.326
-0.328				-0.326
K6D2R_R	ON	K6D61K	44.372	-0.400
-0.408				-0.400
K6D2R_R	ON	K6D61L	14.790	-0.199
-0.199				-0.199
K6D2R_R	ON	K6D40_R	18.641	-0.288
-0.291				-0.288
K6D2R_R	ON	K6D48_R	20.545	-0.232
-0.233				-0.232
K6D2R_R	ON	K6F63_R	26.455	-0.243
-0.244				-0.243
K6D2Z_R	ON	K6B1A_R	11.543	0.074
				0.074

0.073				
K6D2Z_R	ON	K6B1B_R	10.764	0.064
0.064				0.064
K6D2Z_R	ON	K6B1C_R	10.322	0.065
0.064				0.065
K6D2Z_R	ON	K6D2AK_R	13.888	0.082
0.081				0.082
K6D2Z_R	ON	K6D2A_R	25.170	0.139
0.138				0.139
K6D2Z_R	ON	K6D2P_R	25.870	0.135
0.136				0.135
K6D2Z_R	ON	K6D2R_R	38.801	0.165
0.165				0.165
K6D2Z_R	ON	K6D2AB_R	22.196	0.130
0.130				0.130
K6D2Z_R	ON	K6D61C	31.111	-0.371
-0.379				-0.371
K6D2Z_R	ON	K6D61D	13.419	-0.163
-0.164				-0.163
K6D2Z_R	ON	K6D61K	39.662	-0.403
-0.410				-0.403
K6D2Z_R	ON	K6D61L	12.138	-0.180
-0.180				-0.180
K6D2Z_R	ON	K6D40_R	17.523	-0.322
-0.324				-0.322
K6D2Z_R	ON	K6D48_R	21.275	-0.242
-0.242				-0.242
K6D2Z_R	ON	K6F63_R	21.811	-0.229
-0.229				-0.229
K6D2Z_R	ON	K6D2F_R	12.104	0.066
0.065				0.066
K6D2Z_R	ON	K6D2G_R	12.974	0.099
0.098				0.099
K6D2Z_R	ON	K6D2L_R	15.116	0.079
0.079				0.079
K6D2Z_R	ON	K6D20_R	10.784	0.069
0.069				0.069
K6D2Z_R	ON	K6D2S_R	12.382	0.055
0.055				0.055
K6D2Z_R	ON	K6D2W_R	15.138	0.074
0.073				0.074
K6D2Z_R	ON	K6D2Y_R	16.709	0.085
0.085				0.085
K6D2Z_R	ON	K6D2AA_R	17.361	0.078
0.078				0.078
K6D2Z_R	ON	K6D2AE_R	26.747	0.115
0.114				0.115
K6D2Z_R	ON	K6D2AF_R	17.605	0.091
0.091				0.091
K6D2AB_R	ON	K6B1A_R	10.716	0.071
				0.071

0.070			
K6D2AB_R ON K6D2AK_R	22.713	0.103	0.103
0.102			
K6D2AB_R ON K6D2P_R	18.488	0.116	0.116
0.117			
K6D2AB_R ON K6D2Z_R	22.196	0.130	0.130
0.130			
K6D2AB_R ON K6D2AJ_R	18.955	0.123	0.123
0.124			
K6D2AB_R ON K6D61C	27.438	-0.316	-0.316
-0.322			
K6D2AB_R ON K6D61K	26.525	-0.296	-0.296
-0.300			
K6D2AB_R ON K6D40_R	13.065	-0.231	-0.231
-0.232			
K6D2AB_R ON K6F63_R	11.368	-0.151	-0.151
-0.151			
K6D2AB_R ON K6D2L_R	10.615	0.064	0.064
0.063			
K6D2AB_R ON K6D2AA_R	13.353	0.067	0.067
0.066			
K6D2AB_R ON K6D2AE_R	22.946	0.107	0.107
0.106			
K6D2AB_R ON K6D2AF_R	10.259	0.068	0.068
0.068			
K6D2AJ_R ON K5E1C	11.884	-0.115	-0.115
-0.112			
K6D2AJ_R ON K5E1D	10.057	-0.112	-0.112
-0.109			
K6D2AJ_R ON K6D2AG_R	23.421	0.094	0.094
0.093			
K6D2AJ_R ON K6D2AI_R	31.431	0.130	0.130
0.128			
K6D2AJ_R ON K6D2D_R	22.174	0.104	0.104
0.103			
K6D2AJ_R ON K6D2J_R	20.843	0.103	0.103
0.101			
K6D2AJ_R ON K6D2T_R	31.523	0.122	0.122
0.120			
K6D2AJ_R ON K6D2AC_R	19.377	0.082	0.082
0.082			
K6D2AJ_R ON K6D2AK_R	111.920	0.219	0.219
0.216			
K6D2AJ_R ON K6D2C_R	19.983	0.099	0.099
0.098			
K6D2AJ_R ON K6D2N_R	16.954	0.077	0.077
0.077			
K6D2AJ_R ON K6D2X_R	18.167	0.093	0.093
0.092			
K6D2AJ_R ON K6D2P_R	18.134	0.114	0.114

0.114			
K6D2AJ_R ON K6D2AB_R	18.955	0.123	0.123
0.122			
K6D2AJ_R ON K6D61C	50.285	-0.401	-0.401
-0.405			
K6D2AJ_R ON K6D61K	50.099	-0.388	-0.388
-0.391			
K6D2AJ_R ON K6D40_R	17.081	-0.262	-0.262
-0.261			
K6D2AJ_R ON K6D48_R	14.991	-0.194	-0.194
-0.192			
K6D2AJ_R ON K6F63_R	19.751	-0.210	-0.210
-0.209			
K6D2AJ_R ON K6D2B_R	14.526	-0.070	-0.070
-0.069			
K6D2AJ_R ON K6D2F_R	12.974	-0.069	-0.069
-0.068			
K6D2AJ_R ON K6D2I_R	34.432	-0.129	-0.129
-0.127			
K6D2AJ_R ON K6D2K_R	17.865	-0.089	-0.089
-0.087			
K6D2AJ_R ON K6D2L_R	13.264	-0.074	-0.074
-0.073			
K6D2AJ_R ON K6D2M_R	19.104	-0.090	-0.090
-0.089			
K6D2AJ_R ON K6D2S_R	12.161	-0.056	-0.056
-0.055			
K6D2AJ_R ON K6D2V_R	25.610	-0.105	-0.105
-0.104			
K6D2AJ_R ON K6D2W_R	12.594	-0.069	-0.069
-0.068			
K6D2AJ_R ON K6D2Y_R	14.485	-0.080	-0.080
-0.079			
K6D2AJ_R ON K6D2AF_R	11.354	-0.076	-0.076
-0.075			
K6D2AJ_R ON P5Q3M	12.350	0.069	0.069
0.069			
K6D2AJ_R ON P5Q3AD	10.166	0.069	0.069
0.069			
K6D2AJ_R ON P5Q3AF	14.827	0.071	0.071
0.072			
K6D2AJ_R ON P5Q3AH	14.608	0.061	0.061
0.062			
K6D2AJ_R ON P5Q3AR	12.621	0.077	0.077
0.077			
K6D2AJ_R ON P5Q3AV	13.348	0.064	0.064
0.065			
K6D2AJ_R ON P5Q3AX	12.820	0.065	0.065
0.065			
K6D2AJ_R ON P5Q3BQ	10.270	0.063	0.063

0.063			
K6D2AJ_R ON P5Q3CK	16.023	0.063	0.063
0.064			
K6D2AJ_R ON P5Q3E	10.542	0.081	0.081
0.080			
K6D2AJ_R ON P5Q3A0	11.549	0.075	0.075
0.074			
K6D2AJ_R ON P5Q3BK	12.085	0.066	0.066
0.066			
K6D2AJ_R ON P5Q3B0	16.713	0.078	0.078
0.078			
K6D2AJ_R ON P5Q3CU	13.494	0.074	0.074
0.074			
K6D2AJ_R ON P5Q3DA	16.154	0.073	0.073
0.074			
K6D2AJ_R ON P5Q3AS	12.746	0.078	0.078
0.078			
K6D2AJ_R ON P5Q3AU	11.740	0.086	0.086
0.086			
K6D2AJ_R ON P5Q3AZ	12.940	0.065	0.065
0.065			
K6D2AJ_R ON P5Q3BB1	10.938	0.069	0.069
0.069			
K6D2AJ_R ON P5Q3BB2	11.996	0.081	0.081
0.081			
K6D2AJ_R ON P5Q3BB6	11.439	0.071	0.071
0.070			
K6D2AJ_R ON P5Q3BB7	11.356	0.079	0.079
0.079			
K6D2AJ_R ON P5Q3BZ	10.354	0.056	0.056
0.058			
K6D61C ON K6D2AG_R	34.674	-0.189	-0.189
-0.186			
K6D61C ON K6D2AI_R	33.760	-0.233	-0.233
-0.227			
K6D61C ON K6D2D_R	33.737	-0.214	-0.214
-0.209			
K6D61C ON K6D2J_R	40.123	-0.241	-0.241
-0.235			
K6D61C ON K6D2T_R	35.304	-0.216	-0.216
-0.211			
K6D61C ON K6D2AC_R	29.026	-0.161	-0.161
-0.158			
K6D61C ON K6D2AK_R	28.162	-0.211	-0.211
-0.206			
K6D61C ON K6D2C_R	32.653	-0.221	-0.221
-0.215			
K6D61C ON K6D2N_R	36.908	-0.187	-0.187
-0.184			
K6D61C ON K6D2X_R	30.801	-0.188	-0.188

-0.184				
K6D61C	ON K6D2A_R	14.905	-0.243	-0.243
-0.238				
K6D61C	ON K6D2P_R	50.683	-0.432	-0.432
-0.428				
K6D61C	ON K6D2R_R	38.939	-0.391	-0.391
-0.383				
K6D61C	ON K6D2Z_R	31.110	-0.371	-0.371
-0.365				
K6D61C	ON K6D2AB_R	27.437	-0.316	-0.316
-0.311				
K6D61C	ON K6D2AJ_R	50.285	-0.401	-0.401
-0.398				
K6D61C	ON K6D61K	401.518	0.657	0.657
0.656				
K6D61D	ON K6D2AG_R	39.110	-0.153	-0.153
-0.153				
K6D61D	ON K6D2AI_R	33.442	-0.172	-0.172
-0.171				
K6D61D	ON K6D2D_R	34.996	-0.163	-0.163
-0.162				
K6D61D	ON K6D2J_R	24.247	-0.139	-0.139
-0.138				
K6D61D	ON K6D2T_R	37.982	-0.169	-0.169
-0.168				
K6D61D	ON K6D2AC_R	28.754	-0.121	-0.121
-0.121				
K6D61D	ON K6D2AK_R	18.945	-0.127	-0.127
-0.126				
K6D61D	ON K6D2C_R	32.382	-0.156	-0.156
-0.155				
K6D61D	ON K6D2N_R	39.366	-0.145	-0.145
-0.145				
K6D61D	ON K6D2X_R	35.235	-0.156	-0.156
-0.155				
K6D61D	ON K6D2P_R	18.424	-0.181	-0.181
-0.182				
K6D61D	ON K6D2R_R	27.746	-0.230	-0.230
-0.228				
K6D61D	ON K6D2Z_R	13.418	-0.163	-0.163
-0.163				
K6D61D	ON K6D61E	218.500	0.511	0.511
0.511				
K6D61D	ON K6D61L	121.457	0.411	0.411
0.409				
K6D61D	ON K6D2B_R	13.043	0.079	0.079
0.079				
K6D61D	ON K6D2F_R	10.263	0.074	0.074
0.073				
K6D61D	ON K6D2G_R	12.431	0.119	0.119

0.117				
K6D61D	ON K6D2K_R	23.139	0.122	0.122
0.121				
K6D61D	ON K6D2L_R	13.124	0.088	0.088
0.088				
K6D61D	ON K6D2M_R	17.791	0.104	0.104
0.103				
K6D61D	ON K6D2O_R	10.721	0.086	0.086
0.085				
K6D61D	ON K6D2V_R	13.668	0.094	0.094
0.094				
K6D61D	ON K6D2W_R	13.856	0.086	0.086
0.085				
K6D61D	ON K6D2AA_R	14.558	0.087	0.087
0.087				
K6D61D	ON K6D2AE_R	15.906	0.114	0.114
0.113				
K6D61D	ON K6D2AF_R	10.924	0.087	0.087
0.086				
K6D61D	ON P5Q3AD	10.228	-0.080	-0.080
-0.081				
K6D61D	ON P5Q3AX	10.760	-0.069	-0.069
-0.070				
K6D61D	ON P5Q3DB	10.864	-0.078	-0.078
-0.078				
K6D61D	ON P5Q3A0	12.375	-0.090	-0.090
-0.090				
K6D61D	ON P5Q3BK	10.444	-0.073	-0.073
-0.074				
K6D61D	ON P5Q3AU	12.930	-0.108	-0.108
-0.107				
K6D61D	ON P5Q3AZ	10.921	-0.071	-0.071
-0.072				
K6D61E	ON K6D2AG_R	22.750	-0.145	-0.145
-0.144				
K6D61E	ON K6D2AI_R	12.812	-0.133	-0.133
-0.132				
K6D61E	ON K6D2D_R	16.077	-0.138	-0.138
-0.137				
K6D61E	ON K6D2J_R	12.212	-0.122	-0.122
-0.121				
K6D61E	ON K6D2T_R	19.442	-0.151	-0.151
-0.150				
K6D61E	ON K6D2AC_R	16.762	-0.115	-0.115
-0.115				
K6D61E	ON K6D2AK_R	10.755	-0.120	-0.120
-0.119				
K6D61E	ON K6D2C_R	24.274	-0.172	-0.172
-0.171				
K6D61E	ON K6D2N_R	25.792	-0.148	-0.148

-0.148				
K6D61E	ON K6D2X_R	21.682	-0.154	-0.154
-0.153				
K6D61E	ON K6D2P_R	11.831	-0.192	-0.192
-0.193				
K6D61E	ON K6D2R_R	34.467	-0.326	-0.326
-0.325				
K6D61E	ON K6D61D	218.501	0.511	0.511
0.511				
K6D61E	ON K6D61L	29.986	0.288	0.288
0.287				
K6D61E	ON K6D2K_R	12.411	0.114	0.114
0.113				
K6D61E	ON P5Q3AH	10.338	0.075	0.075
0.077				
K6D61E	ON P5Q3X	15.447	0.116	0.116
0.118				
K6D61E	ON P5Q3AA	19.531	0.103	0.103
0.107				
K6D61E	ON P5Q3AL	15.696	0.114	0.114
0.116				
K6D61E	ON P5Q3AP	16.291	0.098	0.098
0.101				
K6D61E	ON P5Q3BI	13.319	0.131	0.131
0.131				
K6D61E	ON P5Q3BZ	16.503	0.101	0.101
0.105				
K6D61E	ON P5Q3CJ	14.130	0.097	0.097
0.100				
K6D61E	ON P5Q3O	16.677	0.098	0.098
0.102				
K6D61E	ON P5Q3R	15.815	0.103	0.103
0.106				
K6D61E	ON P5Q3S	16.077	0.092	0.092
0.096				
K6D61E	ON P5Q3T	16.357	0.095	0.095
0.098				
K6D61E	ON P5Q3U	13.275	0.084	0.084
0.088				
K6D61E	ON P5Q3V	17.813	0.105	0.105
0.108				
K6D61E	ON P5Q3AJ	17.812	0.104	0.104
0.108				
K6D61E	ON P5Q3BC	16.173	0.092	0.092
0.097				
K6D61E	ON P5Q3BN	13.812	0.089	0.089
0.092				
K6D61E	ON P5Q3CF	13.682	0.086	0.086
0.089				
K6D61E	ON P5Q3CG	12.258	0.082	0.082

0.085				
K6D61E	ON	P5Q3CH	12.658	0.092 0.092
0.095				
K6D61E	ON	P5Q3CI	12.903	0.099 0.099
0.102				
K6D61E	ON	P5Q3CN	13.959	0.102 0.102
0.105				
K6D61E	ON	P5Q3C0	14.526	0.085 0.085
0.089				
K6D61E	ON	P5Q3CQ	16.281	0.088 0.088
0.093				
K6D61E	ON	P5Q3CW	11.183	0.092 0.092
0.094				
K6D61K	ON	K6D2AG_R	37.247	-0.189 -0.189
-0.186				
K6D61K	ON	K6D2AI_R	34.697	-0.226 -0.226
-0.220				
K6D61K	ON	K6D2D_R	36.219	-0.213 -0.213
-0.209				
K6D61K	ON	K6D2J_R	39.128	-0.227 -0.227
-0.222				
K6D61K	ON	K6D2T_R	43.727	-0.230 -0.230
-0.225				
K6D61K	ON	K6D2AC_R	34.297	-0.169 -0.169
-0.167				
K6D61K	ON	K6D2AK_R	28.753	-0.204 -0.204
-0.199				
K6D61K	ON	K6D2C_R	31.049	-0.199 -0.199
-0.194				
K6D61K	ON	K6D2N_R	37.489	-0.179 -0.179
-0.177				
K6D61K	ON	K6D2X_R	34.177	-0.191 -0.191
-0.188				
K6D61K	ON	K6D2A_R	17.626	-0.241 -0.241
-0.236				
K6D61K	ON	K6D2P_R	52.399	-0.406 -0.406
-0.403				
K6D61K	ON	K6D2R_R	44.367	-0.400 -0.400
-0.393				
K6D61K	ON	K6D2Z_R	39.661	-0.403 -0.403
-0.397				
K6D61K	ON	K6D2AB_R	26.525	-0.296 -0.296
-0.291				
K6D61K	ON	K6D2AJ_R	50.098	-0.388 -0.388
-0.386				
K6D61K	ON	K6D61C	401.518	0.657 0.657
0.659				
K6D61K	ON	P5Q3M	12.293	-0.104 -0.104
-0.104				
K6D61K	ON	P5Q3AB	15.964	-0.151 -0.151

-0.148				
K6D61K	ON P5Q3AD	13.753	-0.117	-0.117
-0.116				
K6D61K	ON P5Q3AF	12.683	-0.098	-0.098
-0.098				
K6D61K	ON P5Q3AH	13.471	-0.087	-0.087
-0.088				
K6D61K	ON P5Q3AR	13.589	-0.120	-0.120
-0.118				
K6D61K	ON P5Q3AV	14.824	-0.100	-0.100
-0.100				
K6D61K	ON P5Q3AX	14.244	-0.102	-0.102
-0.102				
K6D61K	ON P5Q3BQ	13.500	-0.109	-0.109
-0.108				
K6D61K	ON P5Q3CK	15.630	-0.094	-0.094
-0.095				
K6D61K	ON P5Q3DB	11.431	-0.103	-0.103
-0.102				
K6D61K	ON P5Q3E	14.838	-0.142	-0.142
-0.139				
K6D61K	ON P5Q3A0	17.934	-0.144	-0.144
-0.142				
K6D61K	ON P5Q3BK	14.318	-0.109	-0.109
-0.108				
K6D61K	ON P5Q3CU	13.045	-0.109	-0.109
-0.109				
K6D61K	ON P5Q3DA	12.962	-0.099	-0.099
-0.099				
K6D61K	ON P5Q3AS	12.982	-0.117	-0.117
-0.116				
K6D61K	ON P5Q3AU	10.652	-0.123	-0.123
-0.121				
K6D61K	ON P5Q3AZ	16.174	-0.110	-0.110
-0.111				
K6D61K	ON P5Q3BB1	12.804	-0.110	-0.110
-0.109				
K6D61K	ON P5Q3BB2	14.870	-0.134	-0.134
-0.132				
K6D61K	ON P5Q3BB6	15.261	-0.122	-0.122
-0.121				
K6D61K	ON P5Q3BB7	13.242	-0.127	-0.127
-0.126				
K6D61K	ON P5Q3CG	10.305	-0.078	-0.078
-0.080				
K6D61L	ON K6D2AG_R	42.590	-0.185	-0.185
-0.185				
K6D61L	ON K6D2AI_R	40.278	-0.222	-0.222
-0.221				
K6D61L	ON K6D2D_R	35.516	-0.192	-0.192

-0.191				
K6D61L	ON K6D2J_R	27.071	-0.171	-0.171
-0.170				
K6D61L	ON K6D2T_R	53.695	-0.232	-0.232
-0.232				
K6D61L	ON K6D2AC_R	35.089	-0.158	-0.158
-0.158				
K6D61L	ON K6D2AK_R	19.263	-0.147	-0.147
-0.147				
K6D61L	ON K6D2C_R	25.396	-0.166	-0.166
-0.165				
K6D61L	ON K6D2N_R	47.313	-0.187	-0.187
-0.187				
K6D61L	ON K6D2X_R	44.589	-0.207	-0.207
-0.207				
K6D61L	ON K6D2R_R	14.788	-0.199	-0.199
-0.199				
K6D61L	ON K6D2Z_R	12.137	-0.180	-0.180
-0.180				
K6D61L	ON K6D61D	121.458	0.411	0.411
0.412				
K6D61L	ON K6D61E	29.986	0.288	0.288
0.289				
K6D61L	ON K6D2B_R	16.498	0.102	0.102
0.102				
K6D61L	ON K6D2F_R	13.547	0.098	0.098
0.097				
K6D61L	ON K6D2G_R	16.491	0.158	0.158
0.157				
K6D61L	ON K6D2K_R	24.907	0.146	0.146
0.145				
K6D61L	ON K6D2L_R	18.108	0.120	0.120
0.120				
K6D61L	ON K6D2M_R	18.185	0.124	0.124
0.123				
K6D61L	ON K6D2O_R	13.462	0.112	0.112
0.111				
K6D61L	ON K6D2S_R	16.487	0.090	0.090
0.090				
K6D61L	ON K6D2V_R	14.933	0.117	0.117
0.117				
K6D61L	ON K6D2W_R	17.535	0.114	0.114
0.114				
K6D61L	ON K6D2Y_R	14.079	0.110	0.110
0.109				
K6D61L	ON K6D2AA_R	15.106	0.102	0.102
0.101				
K6D61L	ON K6D2AE_R	19.576	0.149	0.149
0.148				
K6D61L	ON K6D2AF_R	18.978	0.136	0.136

0.135				
K6D61L	ON K6D2AH_R	12.428	0.124	0.124
0.123				
K6D61L	ON P5Q3M	11.881	-0.094	-0.094
-0.095				
K6D61L	ON P5Q3AD	12.520	-0.108	-0.108
-0.109				
K6D61L	ON P5Q3AH	10.403	-0.071	-0.071
-0.073				
K6D61L	ON P5Q3AR	11.562	-0.104	-0.104
-0.104				
K6D61L	ON P5Q3AV	11.358	-0.081	-0.081
-0.083				
K6D61L	ON P5Q3AX	11.614	-0.085	-0.085
-0.087				
K6D61L	ON P5Q3CK	12.638	-0.078	-0.078
-0.081				
K6D61L	ON P5Q3DB	15.022	-0.109	-0.109
-0.110				
K6D61L	ON P5Q3E	10.075	-0.112	-0.112
-0.112				
K6D61L	ON P5Q3A0	13.304	-0.113	-0.113
-0.114				
K6D61L	ON P5Q3BK	11.409	-0.090	-0.090
-0.092				
K6D61L	ON P5Q3CU	11.506	-0.095	-0.095
-0.096				
K6D61L	ON P5Q3DA	11.976	-0.089	-0.089
-0.091				
K6D61L	ON P5Q3AS	10.647	-0.099	-0.099
-0.100				
K6D61L	ON P5Q3AU	13.621	-0.133	-0.133
-0.134				
K6D61L	ON P5Q3AZ	12.446	-0.090	-0.090
-0.092				
K6D61L	ON P5Q3BB1	14.169	-0.111	-0.111
-0.112				
K6D61L	ON P5Q3BB2	11.297	-0.109	-0.109
-0.109				
K6D61L	ON P5Q3BB6	11.808	-0.101	-0.101
-0.102				
K6D61L	ON P5Q3BB7	12.963	-0.120	-0.120
-0.120				
K6D61M	ON K6B1B_R	26.359	-0.114	-0.114
-0.113				
K6D61M	ON K6B1C_R	21.659	-0.109	-0.109
-0.107				
K6D61M	ON K6B1D_R	19.379	-0.120	-0.120
-0.118				
K6D61M	ON K6D2AG_R	15.470	0.090	0.090

0.090				
K6D61M	ON	K6D2J_R	16.202	0.108 0.108
0.108				
K6D61M	ON	K6D2AC_R	20.262	0.097 0.097
0.097				
K6D61M	ON	K6D2AK_R	21.134	0.125 0.125
0.125				
K6D61M	ON	K6D2N_R	16.019	0.086 0.086
0.086				
K6D61M	ON	K6D2X_R	15.409	0.096 0.096
0.096				
K6D61M	ON	K6D2A_R	11.068	-0.133 -0.133
-0.133				
K6D61M	ON	K6D2B_R	40.683	-0.129 -0.129
-0.129				
K6D61M	ON	K6D2F_R	36.962	-0.133 -0.133
-0.133				
K6D61M	ON	K6D2G_R	23.659	-0.152 -0.152
-0.151				
K6D61M	ON	K6D2I_R	56.309	-0.193 -0.193
-0.192				
K6D61M	ON	K6D2K_R	40.277	-0.150 -0.150
-0.149				
K6D61M	ON	K6D2L_R	35.669	-0.135 -0.135
-0.135				
K6D61M	ON	K6D2M_R	41.339	-0.152 -0.152
-0.152				
K6D61M	ON	K6D2O_R	33.894	-0.144 -0.144
-0.143				
K6D61M	ON	K6D2S_R	44.164	-0.119 -0.119
-0.119				
K6D61M	ON	K6D2V_R	40.305	-0.152 -0.152
-0.152				
K6D61M	ON	K6D2W_R	41.886	-0.139 -0.139
-0.139				
K6D61M	ON	K6D2Y_R	47.122	-0.161 -0.161
-0.160				
K6D61M	ON	K6D2AA_R	32.447	-0.122 -0.122
-0.122				
K6D61M	ON	K6D2AE_R	32.558	-0.153 -0.153
-0.152				
K6D61M	ON	K6D2AF_R	34.723	-0.146 -0.146
-0.146				
K6D61M	ON	K6D2AH_R	30.301	-0.156 -0.156
-0.155				
K6D40_R	ON	K6B1C_R	10.663	-0.118 -0.118
-0.116				
K6D40_R	ON	K6D2A_R	17.302	-0.281 -0.281
-0.278				
K6D40_R	ON	K6D2P_R	18.222	-0.298 -0.298

-0.299				
K6D40_R	ON	K6D2R_R	18.638	-0.288
-0.286				-0.288
K6D40_R	ON	K6D2Z_R	17.522	-0.322
-0.320				-0.322
K6D40_R	ON	K6D2AB_R	13.064	-0.231
-0.230				-0.231
K6D40_R	ON	K6D2AJ_R	17.081	-0.262
-0.263				-0.262
K6D40_R	ON	K6D48_R	32.369	0.335
0.333				0.335
K6D40_R	ON	K6F63_R	49.680	0.367
0.365				0.367
K6D40_R	ON	K6F74_R	13.425	0.304
0.303				0.304
K6D40_R	ON	K6D2I_R	14.085	-0.149
-0.147				-0.149
K6D40_R	ON	P5Q3AF	13.864	0.119
0.120				0.119
K6D40_R	ON	P5Q3AH	12.503	0.099
0.101				0.099
K6D40_R	ON	P5Q3AX	11.285	0.105
0.107				0.105
K6D40_R	ON	P5Q3CK	12.664	0.098
0.101				0.098
K6D40_R	ON	P5Q3DB	11.713	0.122
0.122				0.122
K6D40_R	ON	P5Q3E	11.221	0.146
0.146				0.146
K6D40_R	ON	P5Q3BK	10.750	0.112
0.113				0.112
K6D40_R	ON	P5Q3B0	14.461	0.128
0.129				0.128
K6D40_R	ON	P5Q3CU	10.110	0.112
0.113				0.112
K6D40_R	ON	P5Q3DA	12.242	0.113
0.114				0.113
K6D40_R	ON	P5Q3AS	11.965	0.134
0.134				0.134
K6D40_R	ON	P5Q3AU	11.225	0.150
0.149				0.150
K6D40_R	ON	P5Q3AZ	10.953	0.106
0.107				0.106
K6D40_R	ON	P5Q3BB2	10.958	0.136
0.136				0.136
K6D40_R	ON	P5Q3BB5	11.062	0.167
0.165				0.167
K6D40_R	ON	P5Q3BB6	10.546	0.117
0.118				0.117
K6D40_R	ON	P5Q3BB7	12.321	0.144
				0.144

0.144				
K6D40_R	ON	P5Q3X	16.436	0.146 0.146
0.148				
K6D40_R	ON	P5Q3AA	16.796	0.116 0.116
0.120				
K6D40_R	ON	P5Q3AL	17.491	0.142 0.142
0.145				
K6D40_R	ON	P5Q3AP	18.545	0.126 0.126
0.130				
K6D40_R	ON	P5Q3BI	15.622	0.175 0.175
0.175				
K6D40_R	ON	P5Q3BZ	19.410	0.131 0.131
0.136				
K6D40_R	ON	P5Q3CJ	18.613	0.131 0.131
0.135				
K6D40_R	ON	P5Q3C	19.715	0.138 0.138
0.140				
K6D40_R	ON	P5Q30	16.100	0.115 0.115
0.119				
K6D40_R	ON	P5Q3R	13.969	0.118 0.118
0.121				
K6D40_R	ON	P5Q3S	16.096	0.112 0.112
0.116				
K6D40_R	ON	P5Q3T	15.921	0.113 0.113
0.117				
K6D40_R	ON	P5Q3U	15.885	0.109 0.109
0.113				
K6D40_R	ON	P5Q3V	14.617	0.113 0.113
0.116				
K6D40_R	ON	P5Q3AJ	17.501	0.125 0.125
0.130				
K6D40_R	ON	P5Q3BC	18.421	0.119 0.119
0.125				
K6D40_R	ON	P5Q3BN	17.536	0.120 0.120
0.124				
K6D40_R	ON	P5Q3CF	14.443	0.106 0.106
0.109				
K6D40_R	ON	P5Q3CG	15.708	0.111 0.111
0.115				
K6D40_R	ON	P5Q3CH	16.323	0.125 0.125
0.129				
K6D40_R	ON	P5Q3CI	14.194	0.128 0.128
0.130				
K6D40_R	ON	P5Q3CN	14.511	0.127 0.127
0.129				
K6D40_R	ON	P5Q3C0	19.129	0.115 0.115
0.120				
K6D40_R	ON	P5Q3CQ	18.537	0.112 0.112
0.118				
K6D40_R	ON	P5Q3CW	13.104	0.119 0.119

0.122				
K6D48_R	ON	K6D2A_R	13.385	-0.189
-0.188				-0.189
K6D48_R	ON	K6D2P_R	12.583	-0.180
-0.181				-0.180
K6D48_R	ON	K6D2R_R	20.542	-0.232
-0.232				-0.232
K6D48_R	ON	K6D2Z_R	21.274	-0.242
-0.242				-0.242
K6D48_R	ON	K6D2AJ_R	14.991	-0.194
-0.196				-0.194
K6D48_R	ON	K6D40_R	32.369	0.335
0.337				0.335
K6D48_R	ON	K6F63_R	133.478	0.456
0.456				0.456
K6D48_R	ON	K6F68_R	11.000	0.279
0.281				0.279
K6D48_R	ON	K6F74_R	12.292	0.302
0.304				0.302
K6D48_R	ON	P5Q3M	14.671	-0.103
-0.104				-0.103
K6D48_R	ON	P5Q3AB	12.927	-0.121
-0.120				-0.121
K6D48_R	ON	P5Q3AD	13.068	-0.104
-0.105				-0.104
K6D48_R	ON	P5Q3AF	10.216	-0.079
-0.080				-0.079
K6D48_R	ON	P5Q3AH	13.354	-0.079
-0.081				-0.079
K6D48_R	ON	P5Q3AR	13.385	-0.106
-0.107				-0.106
K6D48_R	ON	P5Q3AV	11.964	-0.080
-0.081				-0.080
K6D48_R	ON	P5Q3AX	13.112	-0.087
-0.089				-0.087
K6D48_R	ON	P5Q3BQ	11.460	-0.090
-0.090				-0.090
K6D48_R	ON	P5Q3CK	14.272	-0.080
-0.083				-0.080
K6D48_R	ON	P5Q3E	10.617	-0.109
-0.109				-0.109
K6D48_R	ON	P5Q3A0	14.409	-0.114
-0.115				-0.114
K6D48_R	ON	P5Q3BK	12.427	-0.092
-0.093				-0.092
K6D48_R	ON	P5Q3CU	12.278	-0.095
-0.096				-0.095
K6D48_R	ON	P5Q3DA	11.303	-0.083
-0.084				-0.083
K6D48_R	ON	P5Q3AU	12.233	-0.120
				-0.120

-0.120				
K6D48_R	ON	P5Q3AZ	12.218	-0.085
-0.086				-0.085
K6D48_R	ON	P5Q3BB1	14.174	-0.106
-0.106				-0.106
K6D48_R	ON	P5Q3BB2	10.516	-0.100
-0.100				-0.100
K6D48_R	ON	P5Q3BB5	10.332	-0.125
-0.124				-0.125
K6D48_R	ON	P5Q3BB6	13.139	-0.100
-0.101				-0.100
K6D48_R	ON	P5Q3BB7	13.318	-0.115
-0.116				-0.115
K6D48_R	ON	P5Q3X	11.884	-0.096
-0.098				-0.096
K6D48_R	ON	P5Q3AA	12.079	-0.077
-0.080				-0.077
K6D48_R	ON	P5Q3AL	12.472	-0.095
-0.097				-0.095
K6D48_R	ON	P5Q3AP	15.803	-0.092
-0.095				-0.092
K6D48_R	ON	P5Q3BZ	13.868	-0.088
-0.092				-0.088
K6D48_R	ON	P5Q3CJ	10.561	-0.077
-0.080				-0.077
K6D48_R	ON	P5Q30	13.790	-0.084
-0.087				-0.084
K6D48_R	ON	P5Q3R	11.680	-0.083
-0.086				-0.083
K6D48_R	ON	P5Q3S	12.856	-0.078
-0.082				-0.078
K6D48_R	ON	P5Q3T	13.995	-0.083
-0.086				-0.083
K6D48_R	ON	P5Q3U	14.253	-0.081
-0.085				-0.081
K6D48_R	ON	P5Q3V	15.219	-0.090
-0.093				-0.090
K6D48_R	ON	P5Q3AJ	12.502	-0.083
-0.086				-0.083
K6D48_R	ON	P5Q3BC	12.142	-0.076
-0.080				-0.076
K6D48_R	ON	P5Q3BN	10.872	-0.074
-0.076				-0.074
K6D48_R	ON	P5Q3CF	15.193	-0.085
-0.088				-0.085
K6D48_R	ON	P5Q3CG	14.769	-0.085
-0.088				-0.085
K6D48_R	ON	P5Q3CH	11.839	-0.082
-0.085				-0.082
K6D48_R	ON	P5Q3CI	13.073	-0.094
				-0.094

-0.097				
K6D48_R	ON P5Q3CN	12.444	-0.091	-0.091
-0.093				
K6D48_R	ON P5Q3C0	11.045	-0.069	-0.069
-0.072				
K6D48_R	ON P5Q3CQ	13.992	-0.077	-0.077
-0.082				
K6D48_R	ON P5Q3CW	10.535	-0.083	-0.083
-0.085				
K6F63_R	ON K6D2AI_R	12.641	-0.112	-0.112
-0.112				
K6F63_R	ON K6D2D_R	12.867	-0.106	-0.106
-0.106				
K6F63_R	ON K6D2T_R	14.568	-0.111	-0.111
-0.110				
K6F63_R	ON K6D2A_R	15.560	-0.188	-0.188
-0.187				
K6F63_R	ON K6D2P_R	23.536	-0.224	-0.224
-0.226				
K6F63_R	ON K6D2R_R	26.453	-0.243	-0.243
-0.242				
K6F63_R	ON K6D2Z_R	21.810	-0.229	-0.229
-0.228				
K6F63_R	ON K6D2AB_R	11.367	-0.151	-0.151
-0.151				
K6F63_R	ON K6D2AJ_R	19.750	-0.210	-0.210
-0.212				
K6F63_R	ON K6D40_R	49.681	0.367	0.367
0.368				
K6F63_R	ON K6D48_R	133.478	0.456	0.456
0.455				
K6F63_R	ON K6F68_R	10.019	0.291	0.291
0.293				
K6F68_R	ON K5E1D	14.308	0.410	0.410
0.402				
K6F68_R	ON K6D48_R	10.999	0.279	0.279
0.277				
K6F68_R	ON K6F63_R	10.018	0.291	0.291
0.290				
K6F68_R	ON K6F74_R	12.957	0.354	0.354
0.353				
K6F68_R	ON P5Q3M	44.336	-0.335	-0.335
-0.336				
K6F68_R	ON P5Q3AB	41.545	-0.416	-0.416
-0.413				
K6F68_R	ON P5Q3AD	46.424	-0.373	-0.373
-0.373				
K6F68_R	ON P5Q3AF	37.853	-0.277	-0.277
-0.279				
K6F68_R	ON P5Q3AH	43.783	-0.259	-0.259

-0.264				
K6F68_R	ON	P5Q3AR	50.997	-0.397
-0.397				-0.397
K6F68_R	ON	P5Q3AV	45.203	-0.292
-0.296				-0.292
K6F68_R	ON	P5Q3AX	47.896	-0.308
-0.312				-0.308
K6F68_R	ON	P5Q3BQ	39.874	-0.318
-0.318				-0.318
K6F68_R	ON	P5Q3CK	166.735	-0.353
-0.362				-0.353
K6F68_R	ON	P5Q3DB	32.995	-0.287
-0.287				-0.287
K6F68_R	ON	P5Q3E	41.648	-0.408
-0.405				-0.408
K6F68_R	ON	P5Q3A0	42.105	-0.364
-0.363				-0.364
K6F68_R	ON	P5Q3BK	32.718	-0.265
-0.266				-0.265
K6F68_R	ON	P5Q3B0	37.526	-0.296
-0.297				-0.296
K6F68_R	ON	P5Q3CU	49.978	-0.367
-0.368				-0.367
K6F68_R	ON	P5Q3DA	43.337	-0.296
-0.299				-0.296
K6F68_R	ON	P5Q3AS	34.766	-0.319
-0.319				-0.319
K6F68_R	ON	P5Q3AU	36.747	-0.374
-0.372				-0.374
K6F68_R	ON	P5Q3AZ	49.683	-0.324
-0.328				-0.324
K6F68_R	ON	P5Q3BB1	47.361	-0.365
-0.366				-0.365
K6F68_R	ON	P5Q3BB2	32.119	-0.316
-0.314				-0.316
K6F68_R	ON	P5Q3BB5	28.672	-0.385
-0.380				-0.385
K6F68_R	ON	P5Q3BB6	43.736	-0.345
-0.345				-0.345
K6F68_R	ON	P5Q3BB7	48.454	-0.406
-0.405				-0.406
K6F68_R	ON	P5Q3X	22.102	-0.259
-0.262				-0.259
K6F68_R	ON	P5Q3AA	19.254	-0.185
-0.190				-0.185
K6F68_R	ON	P5Q3AL	21.638	-0.243
-0.247				-0.243
K6F68_R	ON	P5Q3AP	24.471	-0.226
-0.232				-0.226
K6F68_R	ON	P5Q3BI	14.097	-0.261
				-0.261

-0.260				
K6F68_R	ON	P5Q3BZ	27.736	-0.246
-0.254				-0.246
K6F68_R	ON	P5Q3CJ	20.623	-0.205
-0.212				-0.205
K6F68_R	ON	P5Q3C	17.210	-0.196
-0.199				-0.196
K6F68_R	ON	P5Q30	23.390	-0.212
-0.219				-0.212
K6F68_R	ON	P5Q3R	20.440	-0.210
-0.214				-0.210
K6F68_R	ON	P5Q3S	23.424	-0.206
-0.214				-0.206
K6F68_R	ON	P5Q3T	24.382	-0.216
-0.224				-0.216
K6F68_R	ON	P5Q3U	18.241	-0.178
-0.184				-0.178
K6F68_R	ON	P5Q3V	20.194	-0.193
-0.198				-0.193
K6F68_R	ON	P5Q3AJ	26.962	-0.240
-0.248				-0.240
K6F68_R	ON	P5Q3BC	27.417	-0.226
-0.235				-0.226
K6F68_R	ON	P5Q3BN	21.610	-0.200
-0.207				-0.200
K6F68_R	ON	P5Q3CF	22.005	-0.200
-0.206				-0.200
K6F68_R	ON	P5Q3CG	22.585	-0.204
-0.211				-0.204
K6F68_R	ON	P5Q3CH	22.525	-0.222
-0.228				-0.222
K6F68_R	ON	P5Q3CI	24.589	-0.251
-0.257				-0.251
K6F68_R	ON	P5Q3CN	22.674	-0.244
-0.248				-0.244
K6F68_R	ON	P5Q3C0	19.977	-0.176
-0.183				-0.176
K6F68_R	ON	P5Q3CQ	26.344	-0.205
-0.215				-0.205
K6F68_R	ON	P5Q3CW	23.183	-0.238
-0.242				-0.238
K6F74_R	ON	K6D2P_R	14.147	-0.349
-0.350				-0.349
K6F74_R	ON	K6D40_R	13.425	0.304
0.304				0.304
K6F74_R	ON	K6D48_R	12.291	0.302
0.301				0.302
K6F74_R	ON	K6F68_R	12.957	0.354
0.354				0.354
K6F74_R	ON	K6D2B_R	12.244	-0.156
				-0.156

-0.155				
K6F74_R	ON	K6D2F_R	11.825	-0.161
-0.159				-0.161
K6F74_R	ON	K6D2I_R	16.974	-0.233
-0.230				-0.233
K6F74_R	ON	K6D2L_R	11.153	-0.166
-0.165				-0.166
K6F74_R	ON	K6D2M_R	11.852	-0.176
-0.174				-0.176
K6F74_R	ON	K6D2S_R	12.911	-0.141
-0.140				-0.141
K6F74_R	ON	K6D2V_R	10.178	-0.176
-0.174				-0.176
K6F74_R	ON	K6D2W_R	11.361	-0.161
-0.159				-0.161
K6F74_R	ON	P5Q3M	14.057	0.178
0.178				0.178
K6F74_R	ON	P5Q3AB	10.507	0.190
0.189				0.190
K6F74_R	ON	P5Q3AD	12.500	0.175
0.175				0.175
K6F74_R	ON	P5Q3AF	16.026	0.175
0.177				0.175
K6F74_R	ON	P5Q3AH	18.599	0.158
0.161				0.158
K6F74_R	ON	P5Q3AR	13.646	0.182
0.183				0.182
K6F74_R	ON	P5Q3AV	16.327	0.164
0.166				0.164
K6F74_R	ON	P5Q3AX	17.127	0.172
0.174				0.172
K6F74_R	ON	P5Q3BQ	16.169	0.179
0.180				0.179
K6F74_R	ON	P5Q3CK	17.114	0.153
0.157				0.153
K6F74_R	ON	P5Q3DB	15.148	0.183
0.183				0.183
K6F74_R	ON	P5Q3E	11.436	0.199
0.198				0.199
K6F74_R	ON	P5Q3A0	14.431	0.199
0.199				0.199
K6F74_R	ON	P5Q3BK	16.390	0.181
0.183				0.181
K6F74_R	ON	P5Q3B0	18.566	0.192
0.193				0.192
K6F74_R	ON	P5Q3CU	15.700	0.186
0.187				0.186
K6F74_R	ON	P5Q3DA	18.659	0.177
0.179				0.177
K6F74_R	ON	P5Q3AS	13.148	0.185
				0.185

0.185				
K6F74_R	ON	P5Q3AU	15.968	0.225 0.225
0.224				
K6F74_R	ON	P5Q3AZ	15.683	0.174 0.174
0.176				
K6F74_R	ON	P5Q3BB1	16.556	0.198 0.198
0.199				
K6F74_R	ON	P5Q3BB2	14.680	0.201 0.201
0.200				
K6F74_R	ON	P5Q3BB5	14.159	0.239 0.239
0.237				
K6F74_R	ON	P5Q3BB6	14.876	0.188 0.188
0.189				
K6F74_R	ON	P5Q3BB7	14.579	0.207 0.207
0.207				
K6F74_R	ON	P5Q3X	14.180	0.179 0.179
0.181				
K6F74_R	ON	P5Q3AA	11.478	0.129 0.129
0.133				
K6F74_R	ON	P5Q3AL	10.807	0.154 0.154
0.157				
K6F74_R	ON	P5Q3AP	16.849	0.162 0.162
0.167				
K6F74_R	ON	P5Q3BI	12.297	0.215 0.215
0.215				
K6F74_R	ON	P5Q3BZ	14.339	0.154 0.154
0.160				
K6F74_R	ON	P5Q3CJ	16.065	0.157 0.157
0.162				
K6F74_R	ON	P5Q3C	17.596	0.175 0.175
0.178				
K6F74_R	ON	P5Q30	14.492	0.147 0.147
0.152				
K6F74_R	ON	P5Q3R	11.684	0.144 0.144
0.147				
K6F74_R	ON	P5Q3S	13.335	0.135 0.135
0.140				
K6F74_R	ON	P5Q3T	12.178	0.132 0.132
0.137				
K6F74_R	ON	P5Q3U	13.811	0.135 0.135
0.140				
K6F74_R	ON	P5Q3V	10.464	0.130 0.130
0.134				
K6F74_R	ON	P5Q3AJ	13.741	0.149 0.149
0.154				
K6F74_R	ON	P5Q3BC	14.546	0.141 0.141
0.147				
K6F74_R	ON	P5Q3BN	12.666	0.135 0.135
0.140				
K6F74_R	ON	P5Q3CF	15.459	0.147 0.147

0.152				
K6F74_R	ON	P5Q3CG	12.711	0.136
0.140				0.136
K6F74_R	ON	P5Q3CH	17.139	0.167
0.172				0.167
K6F74_R	ON	P5Q3CI	12.595	0.162
0.166				0.162
K6F74_R	ON	P5Q3CN	12.646	0.159
0.162				0.159
K6F74_R	ON	P5Q3C0	16.112	0.142
0.148				0.142
K6F74_R	ON	P5Q3CQ	14.415	0.135
0.142				0.135
K6F74_R	ON	P5Q3CW	10.004	0.141
0.144				0.141
K6D2B_R	ON	K6D2AG_R	21.507	-0.113
-0.113				-0.113
K6D2B_R	ON	K6D2AI_R	15.019	-0.115
-0.114				-0.115
K6D2B_R	ON	K6D2D_R	19.473	-0.126
-0.126				-0.126
K6D2B_R	ON	K6D2J_R	21.371	-0.130
-0.129				-0.130
K6D2B_R	ON	K6D2T_R	16.737	-0.117
-0.116				-0.117
K6D2B_R	ON	K6D2AC_R	50.670	-0.150
-0.151				-0.150
K6D2B_R	ON	K6D2AK_R	12.174	-0.108
-0.107				-0.108
K6D2B_R	ON	K6D2C_R	17.919	-0.115
-0.114				-0.115
K6D2B_R	ON	K6D2N_R	46.374	-0.143
-0.144				-0.143
K6D2B_R	ON	K6D2X_R	86.201	-0.202
-0.202				-0.202
K6D2B_R	ON	K6D61C	10.745	-0.073
-0.074				-0.073
K6D2B_R	ON	K6D61K	10.573	-0.073
-0.074				-0.073
K6D2B_R	ON	K6D61M	11.146	-0.103
-0.103				-0.103
K6D2B_R	ON	K6D40_R	11.249	-0.099
-0.100				-0.099
K6D2B_R	ON	K6F68_R	12.348	-0.106
-0.107				-0.106
K6D2B_R	ON	K6F74_R	13.851	-0.118
-0.119				-0.118
K6D2B_R	ON	K6D2K_R	12.412	-0.145
-0.145				-0.145
K6D2B_R	ON	K6D2M_R	13.445	-0.151
				-0.151

-0.150				
K6D2F_R	ON K5E1A	11.747	0.126	0.126
0.125				
K6D2G_R	ON K6B1A_R	23.174	0.151	0.151
0.151				
K6D2G_R	ON K6D2AG_R	18.142	0.126	0.126
0.127				
K6D2G_R	ON K6D2D_R	12.593	0.118	0.118
0.118				
K6D2G_R	ON K6D2J_R	16.370	0.137	0.137
0.137				
K6D2G_R	ON K6D2T_R	15.003	0.129	0.129
0.130				
K6D2G_R	ON K6D2AC_R	10.289	0.089	0.089
0.090				
K6D2G_R	ON K6D2AK_R	19.250	0.156	0.156
0.156				
K6D2G_R	ON K6D2C_R	10.022	0.105	0.105
0.106				
K6D2G_R	ON K6D2N_R	10.630	0.090	0.090
0.091				
K6D2G_R	ON K6D2X_R	11.025	0.108	0.108
0.109				
K6D2G_R	ON K6D2AF_R	11.033	0.155	0.155
0.156				
K6D2I_R	ON K6D2AI_R	11.245	0.091	0.091
0.092				
K6D2I_R	ON K6D2D_R	10.618	0.087	0.087
0.087				
K6D2I_R	ON K6D2J_R	16.997	0.107	0.107
0.107				
K6D2I_R	ON K6D2C_R	16.586	0.106	0.106
0.106				
K6D2I_R	ON K6D2P_R	22.630	-0.086	-0.086
-0.088				
K6D2I_R	ON K6D2AB_R	14.716	-0.080	-0.080
-0.081				
K6D2I_R	ON K6D2AJ_R	32.526	-0.101	-0.101
-0.103				
K6D2I_R	ON K6D61C	24.213	-0.092	-0.092
-0.095				
K6D2I_R	ON K6D61D	14.567	-0.088	-0.088
-0.089				
K6D2I_R	ON K6D61E	14.742	-0.100	-0.100
-0.101				
K6D2I_R	ON K6D61K	24.960	-0.095	-0.095
-0.098				
K6D2I_R	ON K6D61L	15.877	-0.106	-0.106
-0.107				
K6D2I_R	ON K6D61M	35.641	-0.157	-0.157

-0.157				
K6D2I_R	ON	K6D40_R	29.379	-0.132
-0.134				-0.132
K6D2I_R	ON	K6D48_R	21.192	-0.119
-0.120				-0.119
K6D2I_R	ON	K6F63_R	19.045	-0.106
-0.107				-0.106
K6D2I_R	ON	K6F68_R	24.715	-0.130
-0.132				-0.130
K6D2I_R	ON	K6F74_R	27.336	-0.140
-0.141				-0.140
K6D2I_R	ON	K6D2K_R	40.522	0.188
0.189				0.188
K6D2I_R	ON	K6D2M_R	39.559	0.186
0.186				0.186
K6D2I_R	ON	K6D2V_R	38.289	0.190
0.190				0.190
K6D2K_R	ON	K6D2AI_R	11.573	0.093
0.093				0.093
K6D2K_R	ON	K6D2D_R	19.495	0.119
0.119				0.119
K6D2K_R	ON	K6D2J_R	19.507	0.118
0.118				0.118
K6D2K_R	ON	K6D2AC_R	10.225	0.070
0.071				0.070
K6D2K_R	ON	K6D2C_R	21.454	0.122
0.122				0.122
K6D2K_R	ON	K6D2N_R	10.813	0.072
0.072				0.072
K6D2K_R	ON	K6D2X_R	10.623	0.084
0.084				0.084
K6D2K_R	ON	K6D2B_R	12.411	-0.145
-0.146				-0.145
K6D2K_R	ON	K6D2I_R	40.521	0.188
0.188				0.188
K6D2K_R	ON	K6D2M_R	202.536	0.343
0.343				0.343
K6D2K_R	ON	K6D2S_R	21.238	-0.176
-0.177				-0.176
K6D2K_R	ON	K6D2V_R	20.520	0.146
0.146				0.146
K6D2L_R	ON	K6D2X_R	10.564	-0.094
-0.095				-0.094
K6D2M_R	ON	K6D2AI_R	14.791	0.106
0.106				0.106
K6D2M_R	ON	K6D2D_R	14.077	0.101
0.101				0.101
K6D2M_R	ON	K6D2J_R	13.789	0.099
0.099				0.099
K6D2M_R	ON	K6D2AC_R	12.108	0.078
				0.078

0.079				
K6D2M_R	ON	K6D2C_R	17.981	0.113
0.113				0.113
K6D2M_R	ON	K6D2X_R	12.598	0.092
0.093				0.092
K6D2M_R	ON	K6D2B_R	13.444	-0.151
-0.152				-0.151
K6D2M_R	ON	K6D2I_R	39.558	0.186
0.186				0.186
K6D2M_R	ON	K6D2K_R	202.536	0.343
0.343				0.343
K6D2M_R	ON	K6D2S_R	22.210	-0.177
-0.179				-0.177
K6D2M_R	ON	K6D2V_R	19.867	0.140
0.140				0.140
K6D20_R	ON	K6D2X_R	11.598	-0.083
-0.084				-0.083
K6D2S_R	ON	K6D2AG_R	33.617	-0.131
-0.131				-0.131
K6D2S_R	ON	K6D2AI_R	24.166	-0.134
-0.133				-0.134
K6D2S_R	ON	K6D2D_R	24.364	-0.133
-0.132				-0.133
K6D2S_R	ON	K6D2J_R	29.102	-0.142
-0.141				-0.142
K6D2S_R	ON	K6D2T_R	18.106	-0.115
-0.114				-0.115
K6D2S_R	ON	K6D2AC_R	91.103	-0.176
-0.176				-0.176
K6D2S_R	ON	K6D2AK_R	15.228	-0.112
-0.111				-0.112
K6D2S_R	ON	K6D2C_R	32.091	-0.146
-0.145				-0.146
K6D2S_R	ON	K6D2N_R	83.120	-0.170
-0.170				-0.170
K6D2S_R	ON	K6D2X_R	71.832	-0.177
-0.177				-0.177
K6D2S_R	ON	K6D61C	10.810	-0.069
-0.070				-0.069
K6D2S_R	ON	K6D61D	10.201	-0.082
-0.082				-0.082
K6D2S_R	ON	K6D61E	10.992	-0.095
-0.095				-0.095
K6D2S_R	ON	K6D61K	12.113	-0.074
-0.075				-0.074
K6D2S_R	ON	K6D61M	15.396	-0.115
-0.114				-0.115
K6D2S_R	ON	K6D40_R	13.927	-0.104
-0.104				-0.104
K6D2S_R	ON	K6D48_R	12.891	-0.105
				-0.105

-0.104				
K6D2S_R ON K6F63_R	14.144	-0.102	-0.102	
-0.102				
K6D2S_R ON K6F68_R	15.588	-0.113	-0.113	
-0.114				
K6D2S_R ON K6F74_R	15.600	-0.119	-0.119	
-0.119				
K6D2S_R ON K6D2K_R	21.240	-0.176	-0.176	
-0.174				
K6D2S_R ON K6D2M_R	22.212	-0.177	-0.177	
-0.176				
K6D2S_R ON K6D2V_R	14.544	-0.144	-0.144	
-0.142				
K6D2V_R ON K6D2P_R	10.944	-0.065	-0.065	
-0.066				
K6D2V_R ON K6D2AJ_R	10.369	-0.063	-0.063	
-0.064				
K6D2V_R ON K6D2I_R	38.288	0.190	0.190	
0.189				
K6D2V_R ON K6D2K_R	20.520	0.146	0.146	
0.146				
K6D2V_R ON K6D2M_R	19.867	0.140	0.140	
0.140				
K6D2V_R ON K6D2S_R	14.542	-0.144	-0.144	
-0.145				
K6D2W_R ON K6D2AE_R	23.012	0.142	0.142	
0.142				
K6D2Y_R ON K6D2AF_R	26.590	0.192	0.192	
0.192				
K6D2AA_R ON K6D2Z_R	16.172	0.101	0.101	
0.101				
K6D2AA_R ON K6D2AB_R	17.028	0.099	0.099	
0.099				
K6D2AA_R ON K6D2AJ_R	12.144	0.072	0.072	
0.073				
K6D2AA_R ON K6D61C	11.276	0.070	0.070	
0.072				
K6D2AA_R ON K6D61D	10.232	0.084	0.084	
0.084				
K6D2AA_R ON K6D61K	10.862	0.071	0.071	
0.072				
K6D2AA_R ON K6F68_R	11.376	0.098	0.098	
0.099				
K6D2AA_R ON K6F74_R	11.071	0.102	0.102	
0.103				
K6D2AE_R ON K6D2AG_R	34.378	0.131	0.131	
0.132				
K6D2AE_R ON K6D2AI_R	20.851	0.119	0.119	
0.120				
K6D2AE_R ON K6D2D_R	39.073	0.161	0.161	

0.162			
K6D2AE_R ON K6D2J_R	29.308	0.134	0.134
0.134			
K6D2AE_R ON K6D2T_R	48.785	0.181	0.181
0.182			
K6D2AE_R ON K6D2AC_R	34.808	0.126	0.126
0.128			
K6D2AE_R ON K6D2AK_R	37.552	0.161	0.161
0.162			
K6D2AE_R ON K6D2C_R	26.267	0.128	0.128
0.128			
K6D2AE_R ON K6D2N_R	27.511	0.110	0.110
0.111			
K6D2AE_R ON K6D2X_R	34.310	0.146	0.146
0.147			
K6D2AE_R ON K6D2A_R	41.608	0.149	0.149
0.150			
K6D2AE_R ON K6D2P_R	36.271	0.110	0.110
0.112			
K6D2AE_R ON K6D2R_R	37.182	0.135	0.135
0.136			
K6D2AE_R ON K6D2Z_R	52.961	0.152	0.152
0.154			
K6D2AE_R ON K6D2AB_R	54.688	0.153	0.153
0.154			
K6D2AE_R ON K6D2AJ_R	32.507	0.103	0.103
0.105			
K6D2AE_R ON K6D61C	42.360	0.123	0.123
0.127			
K6D2AE_R ON K6D61D	41.708	0.149	0.149
0.150			
K6D2AE_R ON K6D61E	45.101	0.173	0.173
0.175			
K6D2AE_R ON K6D61K	36.317	0.115	0.115
0.118			
K6D2AE_R ON K6D61L	44.726	0.182	0.182
0.184			
K6D2AE_R ON K6D61M	14.842	0.101	0.101
0.102			
K6D2AE_R ON K6D40_R	41.900	0.163	0.163
0.166			
K6D2AE_R ON K6D48_R	31.494	0.147	0.147
0.149			
K6D2AE_R ON K6F63_R	29.170	0.134	0.134
0.135			
K6D2AE_R ON K6F68_R	50.138	0.186	0.186
0.189			
K6D2AE_R ON K6F74_R	45.340	0.182	0.182
0.185			
K6D2AE_R ON K6D2W_R	23.013	0.142	0.142

0.143			
K6D2AE_R ON P5Q3BZ	10.065	0.052	0.052
0.055			
K6D2AE_R ON P5Q3CQ	10.085	0.045	0.045
0.049			
K6D2AF_R ON K6D2T_R	10.766	0.104	0.104
0.105			
K6D2AF_R ON K6D2AK_R	13.191	0.125	0.125
0.125			
K6D2AF_R ON K6D2P_R	11.328	0.080	0.080
0.082			
K6D2AF_R ON K6D2R_R	15.492	0.114	0.114
0.115			
K6D2AF_R ON K6D2Z_R	17.650	0.117	0.117
0.118			
K6D2AF_R ON K6D2AB_R	13.773	0.100	0.100
0.101			
K6D2AF_R ON K6D2AJ_R	10.038	0.075	0.075
0.076			
K6D2AF_R ON K6D61C	15.255	0.094	0.094
0.097			
K6D2AF_R ON K6D61E	11.899	0.111	0.111
0.112			
K6D2AF_R ON K6D61K	14.281	0.092	0.092
0.094			
K6D2AF_R ON K6D61L	13.025	0.125	0.125
0.126			
K6D2AF_R ON K6D40_R	13.455	0.116	0.116
0.117			
K6D2AF_R ON K6D48_R	12.040	0.114	0.114
0.115			
K6D2AF_R ON K6F63_R	13.881	0.116	0.116
0.116			
K6D2AF_R ON K6F68_R	14.257	0.124	0.124
0.125			
K6D2AF_R ON K6F74_R	14.618	0.131	0.131
0.132			
K6D2AF_R ON K6D2G_R	11.034	0.155	0.155
0.155			
K6D2AF_R ON K6D2Y_R	26.590	0.192	0.192
0.192			
P5Q3M ON P5Q3X	17.801	0.185	0.185
0.187			
P5Q3M ON P5Q3AA	18.025	0.151	0.151
0.155			
P5Q3M ON P5Q3AL	15.402	0.174	0.174
0.176			
P5Q3M ON P5Q3AP	22.673	0.177	0.177
0.181			
P5Q3M ON P5Q3BZ	29.577	0.247	0.247

0.255				
P5Q3M	ON	P5Q3CJ	24.318	0.221 0.221
0.227				
P5Q3M	ON	P5Q3C	25.507	0.183 0.183
0.186				
P5Q3M	ON	P5Q30	36.175	0.225 0.225
0.232				
P5Q3M	ON	P5Q3R	51.673	0.247 0.247
0.251				
P5Q3M	ON	P5Q3S	33.337	0.211 0.211
0.218				
P5Q3M	ON	P5Q3T	31.458	0.207 0.207
0.213				
P5Q3M	ON	P5Q3U	23.302	0.169 0.169
0.174				
P5Q3M	ON	P5Q3V	14.940	0.152 0.152
0.156				
P5Q3M	ON	P5Q3AJ	23.152	0.206 0.206
0.212				
P5Q3M	ON	P5Q3BC	27.237	0.221 0.221
0.229				
P5Q3M	ON	P5Q3BN	45.241	0.239 0.239
0.246				
P5Q3M	ON	P5Q3CF	20.096	0.162 0.162
0.166				
P5Q3M	ON	P5Q3CG	31.303	0.195 0.195
0.200				
P5Q3M	ON	P5Q3CH	40.565	0.249 0.249
0.255				
P5Q3M	ON	P5Q3CI	22.418	0.218 0.218
0.222				
P5Q3M	ON	P5Q3CN	18.623	0.183 0.183
0.186				
P5Q3M	ON	P5Q3C0	23.002	0.165 0.165
0.170				
P5Q3M	ON	P5Q3CQ	28.295	0.215 0.215
0.225				
P5Q3M	ON	P5Q3CW	14.642	0.161 0.161
0.163				
P5Q3AB	ON	P5Q3AV	16.940	0.200 0.200
0.204				
P5Q3AF	ON	P5Q3B0	11.763	-0.203 -0.203
-0.202				
P5Q3AF	ON	P5Q3BZ	11.192	0.159 0.159
0.163				
P5Q3AF	ON	P5Q3C	11.576	0.139 0.139
0.140				
P5Q3AF	ON	P5Q3R	16.365	0.162 0.162
0.163				
P5Q3AF	ON	P5Q3BN	15.405	0.153 0.153

0.157				
P5Q3AF	ON	P5Q3CG	11.729	0.128
0.131				0.128
P5Q3AF	ON	P5Q3CH	10.772	0.140
0.143				0.140
P5Q3AF	ON	P5Q3CQ	10.884	0.139
0.145				0.139
P5Q3AH	ON	K6D2AC_R	10.192	0.081
0.079				0.081
P5Q3AH	ON	K6D2N_R	10.135	0.083
0.081				0.083
P5Q3AH	ON	K6D2P_R	10.192	0.096
0.094				0.096
P5Q3AH	ON	K6D2Z_R	11.213	0.127
0.123				0.127
P5Q3AH	ON	K6D2AJ_R	11.164	0.100
0.098				0.100
P5Q3AH	ON	K6D61C	12.482	0.104
0.103				0.104
P5Q3AH	ON	K6D61E	13.893	0.149
0.145				0.149
P5Q3AH	ON	K6D61K	10.761	0.097
0.096				0.097
P5Q3AH	ON	K6D40_R	12.622	0.138
0.135				0.138
P5Q3AH	ON	K6F68_R	14.719	0.151
0.148				0.151
P5Q3AH	ON	K6F74_R	15.306	0.158
0.155				0.158
P5Q3AH	ON	P5Q3BZ	13.161	0.182
0.184				0.182
P5Q3AH	ON	P5Q3CJ	10.590	0.144
0.145				0.144
P5Q3AH	ON	P5Q3AJ	11.148	0.159
0.160				0.159
P5Q3AH	ON	P5Q3BC	11.789	0.157
0.160				0.157
P5Q3AH	ON	P5Q3CH	19.596	0.196
0.197				0.196
P5Q3AH	ON	P5Q3CI	11.744	0.179
0.179				0.179
P5Q3AH	ON	P5Q3CQ	12.869	0.158
0.163				0.158
P5Q3AV	ON	K6D2S_R	11.142	0.071
0.070				0.071
P5Q3AV	ON	P5Q3AB	16.941	0.200
0.195				0.200
P5Q3AX	ON	K6D2AG_R	11.783	-0.100
-0.098				-0.100
P5Q3AX	ON	K6D2AI_R	11.166	-0.124
				-0.124

-0.120				
P5Q3AX	ON K6D2J_R	12.488	-0.132	-0.132
-0.129				
P5Q3AX	ON K6D2T_R	11.682	-0.116	-0.116
-0.113				
P5Q3AX	ON K6D2AC_R	13.594	-0.100	-0.100
-0.099				
P5Q3AX	ON K6D2C_R	13.101	-0.129	-0.129
-0.126				
P5Q3AX	ON K6D2N_R	13.407	-0.102	-0.102
-0.100				
P5Q3AX	ON K6D2X_R	12.319	-0.104	-0.104
-0.102				
P5Q3AX	ON K6D61D	10.804	-0.129	-0.129
-0.127				
P5Q3AX	ON K6D2B_R	11.686	0.103	0.103
0.101				
P5Q3AX	ON K6D2K_R	10.168	0.111	0.111
0.109				
P5Q3AX	ON K6D2L_R	10.632	0.108	0.108
0.105				
P5Q3AX	ON K6D2S_R	12.358	0.092	0.092
0.090				
P5Q3AX	ON K6D2W_R	10.081	0.103	0.103
0.101				
P5Q3AX	ON K6D2AA_R	10.012	0.097	0.097
0.094				
P5Q3AX	ON K6D2AF_R	11.646	0.124	0.124
0.121				
P5Q3AX	ON K6D2AH_R	11.146	0.142	0.142
0.138				
P5Q3AX	ON P5Q3AA	10.411	-0.154	-0.154
-0.156				
P5Q3AX	ON P5Q3U	10.357	-0.148	-0.148
-0.151				
P5Q3BQ	ON P5Q3DB	13.138	0.140	0.140
0.140				
P5Q3BQ	ON P5Q3BI	11.794	0.125	0.125
0.124				
P5Q3CK	ON K6D2P_R	11.097	-0.132	-0.132
-0.129				
P5Q3CK	ON K6D2R_R	12.774	-0.182	-0.182
-0.176				
P5Q3CK	ON K6D2AB_R	11.770	-0.154	-0.154
-0.149				
P5Q3CK	ON K6D61C	23.144	-0.185	-0.185
-0.183				
P5Q3CK	ON K6D61D	17.663	-0.204	-0.204
-0.198				
P5Q3CK	ON K6D61E	15.497	-0.202	-0.202

-0.197				
P5Q3CK	ON K6D61K	23.209	-0.190	-0.190
-0.187				
P5Q3CK	ON K6D61L	21.691	-0.266	-0.266
-0.257				
P5Q3CK	ON K6D61M	13.124	-0.206	-0.206
-0.199				
P5Q3CK	ON K6D40_R	20.709	-0.228	-0.228
-0.223				
P5Q3CK	ON K6D48_R	20.757	-0.248	-0.248
-0.241				
P5Q3CK	ON K6F63_R	17.021	-0.210	-0.210
-0.204				
P5Q3CK	ON K6F68_R	161.797	-0.423	-0.423
-0.413				
P5Q3CK	ON K6F74_R	23.119	-0.256	-0.256
-0.250				
P5Q3CK	ON P5Q3CJ	10.052	0.177	0.177
0.178				
P5Q3DB	ON K6D61L	10.030	-0.091	-0.091
-0.090				
P5Q3DB	ON P5Q3BQ	13.137	0.140	0.140
0.140				
P5Q3DB	ON P5Q3E	10.395	-0.182	-0.182
-0.181				
P5Q3DB	ON P5Q3X	11.238	-0.134	-0.134
-0.136				
P5Q3DB	ON P5Q3AA	13.848	-0.124	-0.124
-0.128				
P5Q3DB	ON P5Q30	10.156	-0.119	-0.119
-0.123				
P5Q3DB	ON P5Q3S	10.391	-0.115	-0.115
-0.120				
P5Q3DB	ON P5Q3T	10.914	-0.119	-0.119
-0.123				
P5Q3DB	ON P5Q3V	19.028	-0.155	-0.155
-0.159				
P5Q3E	ON P5Q3DB	10.394	-0.182	-0.182
-0.183				
P5Q3E	ON P5Q3X	11.528	0.152	0.152
0.155				
P5Q3A0	ON P5Q3BK	11.686	0.187	0.187
0.188				
P5Q3A0	ON P5Q3DA	23.039	0.244	0.244
0.247				
P5Q3BK	ON P5Q3A0	11.686	0.187	0.187
0.185				
P5Q3B0	ON K6D2AG_R	14.676	0.076	0.076
0.075				
P5Q3B0	ON K6D2AI_R	12.494	0.086	0.086

0.085				
P5Q3B0	ON K6D2D_R	12.790	0.083	0.083
0.082				
P5Q3B0	ON K6D2T_R	11.131	0.075	0.075
0.074				
P5Q3B0	ON K6D2AC_R	15.037	0.072	0.072
0.071				
P5Q3B0	ON K6D2AK_R	14.765	0.097	0.097
0.095				
P5Q3B0	ON K6D2C_R	12.156	0.084	0.084
0.082				
P5Q3B0	ON K6D2N_R	14.953	0.072	0.072
0.072				
P5Q3B0	ON K6D2X_R	17.245	0.085	0.085
0.084				
P5Q3B0	ON K6D2A_R	29.345	0.154	0.154
0.151				
P5Q3B0	ON K6D2P_R	31.664	0.123	0.123
0.123				
P5Q3B0	ON K6D2R_R	25.956	0.138	0.138
0.137				
P5Q3B0	ON K6D2Z_R	23.866	0.128	0.128
0.127				
P5Q3B0	ON K6D2AB_R	22.912	0.120	0.120
0.119				
P5Q3B0	ON K6D2AJ_R	32.571	0.122	0.122
0.122				
P5Q3B0	ON K6D61C	34.510	0.124	0.124
0.125				
P5Q3B0	ON K6D61D	29.045	0.143	0.143
0.142				
P5Q3B0	ON K6D61E	33.629	0.168	0.168
0.167				
P5Q3B0	ON K6D61K	33.842	0.126	0.126
0.127				
P5Q3B0	ON K6D61L	27.124	0.162	0.162
0.161				
P5Q3B0	ON K6D61M	23.887	0.149	0.149
0.147				
P5Q3B0	ON K6D40_R	38.437	0.173	0.173
0.172				
P5Q3B0	ON K6D48_R	28.853	0.163	0.163
0.161				
P5Q3B0	ON K6F63_R	29.666	0.155	0.155
0.154				
P5Q3B0	ON K6F68_R	38.460	0.177	0.177
0.177				
P5Q3B0	ON K6F74_R	39.865	0.187	0.187
0.186				
P5Q3B0	ON K6D2B_R	14.801	-0.078	-0.078

-0.077				
P5Q3B0	ON K6D2F_R	16.960	-0.091	-0.091
-0.089				
P5Q3B0	ON K6D2G_R	13.364	-0.114	-0.114
-0.112				
P5Q3B0	ON K6D2I_R	14.833	-0.104	-0.104
-0.102				
P5Q3B0	ON K6D2K_R	14.059	-0.091	-0.091
-0.090				
P5Q3B0	ON K6D2L_R	15.510	-0.088	-0.088
-0.087				
P5Q3B0	ON K6D2M_R	14.046	-0.090	-0.090
-0.089				
P5Q3B0	ON K6D2O_R	12.362	-0.089	-0.089
-0.088				
P5Q3B0	ON K6D2S_R	16.554	-0.072	-0.072
-0.072				
P5Q3B0	ON K6D2V_R	14.985	-0.095	-0.095
-0.093				
P5Q3B0	ON K6D2W_R	16.231	-0.089	-0.089
-0.088				
P5Q3B0	ON K6D2Y_R	11.839	-0.082	-0.082
-0.080				
P5Q3B0	ON K6D2AA_R	15.117	-0.082	-0.082
-0.081				
P5Q3B0	ON K6D2AE_R	14.163	-0.104	-0.104
-0.102				
P5Q3B0	ON K6D2AF_R	13.644	-0.092	-0.092
-0.090				
P5Q3B0	ON K6D2AH_R	10.850	-0.096	-0.096
-0.094				
P5Q3B0	ON P5Q3AF	11.764	-0.203	-0.203
-0.204				
P5Q3B0	ON P5Q3X	17.018	0.168	0.168
0.170				
P5Q3B0	ON P5Q3AL	16.436	0.178	0.178
0.181				
P5Q3B0	ON P5Q3AP	24.200	0.170	0.170
0.174				
P5Q3B0	ON P5Q3BI	16.889	0.179	0.179
0.178				
P5Q3B0	ON P5Q3BZ	29.979	0.229	0.229
0.236				
P5Q3B0	ON P5Q3CJ	22.666	0.204	0.204
0.210				
P5Q3B0	ON P5Q3O	22.754	0.178	0.178
0.183				
P5Q3B0	ON P5Q3R	11.096	0.121	0.121
0.123				
P5Q3B0	ON P5Q3S	14.746	0.143	0.143

0.148				
P5Q3B0	ON P5Q3T	10.841	0.125	0.125
0.129				
P5Q3B0	ON P5Q3AJ	10.381	0.131	0.131
0.135				
P5Q3B0	ON P5Q3BC	26.024	0.200	0.200
0.207				
P5Q3B0	ON P5Q3BN	15.355	0.146	0.146
0.150				
P5Q3B0	ON P5Q3CF	16.412	0.139	0.139
0.143				
P5Q3B0	ON P5Q3CG	36.914	0.197	0.197
0.203				
P5Q3B0	ON P5Q3CH	20.136	0.178	0.178
0.182				
P5Q3B0	ON P5Q3CI	36.911	0.243	0.243
0.247				
P5Q3B0	ON P5Q3CN	14.099	0.151	0.151
0.153				
P5Q3B0	ON P5Q3CQ	19.761	0.170	0.170
0.178				
P5Q3B0	ON P5Q3CW	10.717	0.133	0.133
0.134				
P5Q3CU	ON P5Q3AZ	19.446	0.244	0.244
0.246				
P5Q3DA	ON K6D2D_R	10.003	0.091	0.091
0.089				
P5Q3DA	ON K6D2AC_R	10.077	0.073	0.073
0.072				
P5Q3DA	ON K6D2N_R	10.047	0.075	0.075
0.074				
P5Q3DA	ON K6D2X_R	10.244	0.080	0.080
0.078				
P5Q3DA	ON K6D2AJ_R	10.038	0.082	0.082
0.081				
P5Q3DA	ON K6F74_R	11.251	0.118	0.118
0.117				
P5Q3DA	ON P5Q3A0	23.038	0.244	0.244
0.241				
P5Q3AU	ON P5Q3V	10.195	-0.150	-0.150
-0.155				
P5Q3AZ	ON P5Q3CU	19.446	0.244	0.244
0.242				
P5Q3BB1	ON P5Q3BB2	75.293	0.381	0.381
0.379				
P5Q3BB1	ON P5Q3BB6	61.548	0.349	0.349
0.349				
P5Q3BB1	ON P5Q3X	11.619	-0.176	-0.176
-0.177				
P5Q3BB1	ON P5Q3AA	14.757	-0.162	-0.162

-0.166				
P5Q3BB1	ON	P5Q3AP	10.190	-0.140
-0.143				-0.140
P5Q3BB1	ON	P5Q3BZ	17.240	-0.220
-0.227				-0.220
P5Q3BB1	ON	P5Q30	16.943	-0.192
-0.198				-0.192
P5Q3BB1	ON	P5Q3S	15.010	-0.177
-0.183				-0.177
P5Q3BB1	ON	P5Q3T	11.542	-0.151
-0.156				-0.151
P5Q3BB1	ON	P5Q3V	18.674	-0.195
-0.200				-0.195
P5Q3BB1	ON	P5Q3AJ	19.465	-0.210
-0.217				-0.210
P5Q3BB1	ON	P5Q3BC	15.363	-0.180
-0.187				-0.180
P5Q3BB1	ON	P5Q3CN	10.425	-0.162
-0.165				-0.162
P5Q3BB1	ON	P5Q3CQ	15.800	-0.177
-0.186				-0.177
P5Q3BB2	ON	P5Q3BB1	75.295	0.381
0.384				0.381
P5Q3BB2	ON	P5Q3BB5	16.991	0.222
0.221				0.222
P5Q3BB2	ON	P5Q3BB6	77.382	0.367
0.370				0.367
P5Q3BB2	ON	P5Q3BB7	18.143	0.269
0.270				0.269
P5Q3BB2	ON	P5Q3X	15.410	-0.178
-0.181				-0.178
P5Q3BB2	ON	P5Q3AA	19.595	-0.169
-0.175				-0.169
P5Q3BB2	ON	P5Q3AP	11.216	-0.129
-0.133				-0.129
P5Q3BB2	ON	P5Q3BZ	17.615	-0.199
-0.206				-0.199
P5Q3BB2	ON	P5Q3CJ	11.901	-0.155
-0.160				-0.155
P5Q3BB2	ON	P5Q30	16.058	-0.170
-0.177				-0.170
P5Q3BB2	ON	P5Q3R	12.846	-0.143
-0.147				-0.143
P5Q3BB2	ON	P5Q3S	16.937	-0.167
-0.174				-0.167
P5Q3BB2	ON	P5Q3T	19.275	-0.178
-0.185				-0.178
P5Q3BB2	ON	P5Q3U	17.015	-0.153
-0.159				-0.153
P5Q3BB2	ON	P5Q3V	20.664	-0.187
				-0.187

-0.193				
P5Q3BB2	ON	P5Q3AJ	18.806	-0.191
-0.198				-0.191
P5Q3BB2	ON	P5Q3BC	15.136	-0.165
-0.173				-0.165
P5Q3BB2	ON	P5Q3BN	10.783	-0.131
-0.136				-0.131
P5Q3BB2	ON	P5Q3CN	11.100	-0.145
-0.149				-0.145
P5Q3BB2	ON	P5Q3C0	13.369	-0.135
-0.141				-0.135
P5Q3BB2	ON	P5Q3CQ	19.290	-0.188
-0.199				-0.188
P5Q3BB5	ON	P5Q3BB2	16.991	0.222
0.223				0.222
P5Q3BB5	ON	P5Q3BB6	25.159	0.268
0.272				0.268
P5Q3BB6	ON	K6D61C	10.670	-0.081
-0.082				-0.081
P5Q3BB6	ON	K6D61K	10.117	-0.080
-0.081				-0.080
P5Q3BB6	ON	P5Q3BB1	61.547	0.349
0.350				0.349
P5Q3BB6	ON	P5Q3BB2	77.378	0.367
0.365				0.367
P5Q3BB6	ON	P5Q3BB5	25.157	0.268
0.265				0.268
P5Q3BB6	ON	P5Q3BB7	94.519	0.446
0.445				0.446
P5Q3BB6	ON	P5Q3X	32.665	-0.281
-0.284				-0.281
P5Q3BB6	ON	P5Q3AA	39.684	-0.252
-0.259				-0.252
P5Q3BB6	ON	P5Q3AL	17.978	-0.200
-0.203				-0.200
P5Q3BB6	ON	P5Q3AP	24.064	-0.202
-0.208				-0.202
P5Q3BB6	ON	P5Q3BZ	38.922	-0.312
-0.322				-0.312
P5Q3BB6	ON	P5Q3CJ	25.280	-0.239
-0.246				-0.239
P5Q3BB6	ON	P5Q3C	18.130	-0.171
-0.174				-0.171
P5Q3BB6	ON	P5Q30	33.706	-0.259
-0.268				-0.259
P5Q3BB6	ON	P5Q3R	18.997	-0.183
-0.186				-0.183
P5Q3BB6	ON	P5Q3S	35.415	-0.256
-0.265				-0.256
P5Q3BB6	ON	P5Q3T	34.596	-0.254
				-0.254

-0.263				
P5Q3BB6	ON P5Q3U	28.620	-0.212	-0.212
-0.219				
P5Q3BB6	ON P5Q3V	37.176	-0.266	-0.266
-0.272				
P5Q3BB6	ON P5Q3AJ	40.703	-0.296	-0.296
-0.305				
P5Q3BB6	ON P5Q3BC	34.597	-0.260	-0.260
-0.271				
P5Q3BB6	ON P5Q3BN	22.369	-0.197	-0.197
-0.203				
P5Q3BB6	ON P5Q3CF	16.260	-0.154	-0.154
-0.158				
P5Q3BB6	ON P5Q3CG	16.301	-0.158	-0.158
-0.163				
P5Q3BB6	ON P5Q3CH	14.830	-0.166	-0.166
-0.170				
P5Q3BB6	ON P5Q3CI	20.723	-0.219	-0.219
-0.223				
P5Q3BB6	ON P5Q3CN	22.793	-0.219	-0.219
-0.223				
P5Q3BB6	ON P5Q3C0	19.889	-0.170	-0.170
-0.176				
P5Q3BB6	ON P5Q3CQ	33.571	-0.259	-0.259
-0.271				
P5Q3BB6	ON P5Q3CW	15.158	-0.173	-0.173
-0.176				
P5Q3BB7	ON K6B1A_R	11.755	0.134	0.134
0.132				
P5Q3BB7	ON K6B1C_R	11.040	0.115	0.115
0.113				
P5Q3BB7	ON K6D2AG_R	10.134	-0.095	-0.095
-0.095				
P5Q3BB7	ON K6D2AI_R	13.896	-0.141	-0.141
-0.139				
P5Q3BB7	ON K6D2D_R	10.353	-0.114	-0.114
-0.112				
P5Q3BB7	ON K6D2J_R	12.638	-0.132	-0.132
-0.130				
P5Q3BB7	ON K6D2T_R	12.740	-0.121	-0.121
-0.120				
P5Q3BB7	ON K6D2AC_R	13.747	-0.106	-0.106
-0.105				
P5Q3BB7	ON K6D2AK_R	12.847	-0.138	-0.138
-0.137				
P5Q3BB7	ON K6D2C_R	12.870	-0.126	-0.126
-0.124				
P5Q3BB7	ON K6D2N_R	14.666	-0.109	-0.109
-0.109				
P5Q3BB7	ON K6D2X_R	11.585	-0.105	-0.105

-0.105				
P5Q3BB7	ON K6D2A_R	13.615	-0.153	-0.153
-0.152				
P5Q3BB7	ON K6D2P_R	16.435	-0.130	-0.130
-0.130				
P5Q3BB7	ON K6D2R_R	14.292	-0.149	-0.149
-0.148				
P5Q3BB7	ON K6D2Z_R	15.971	-0.153	-0.153
-0.152				
P5Q3BB7	ON K6D2AB_R	17.215	-0.152	-0.152
-0.151				
P5Q3BB7	ON K6D2AJ_R	13.917	-0.118	-0.118
-0.118				
P5Q3BB7	ON K6D61C	18.341	-0.134	-0.134
-0.136				
P5Q3BB7	ON K6D61D	14.142	-0.142	-0.142
-0.142				
P5Q3BB7	ON K6D61E	14.580	-0.160	-0.160
-0.160				
P5Q3BB7	ON K6D61K	17.473	-0.132	-0.132
-0.133				
P5Q3BB7	ON K6D61L	19.846	-0.213	-0.213
-0.212				
P5Q3BB7	ON K6D61M	11.820	-0.164	-0.164
-0.163				
P5Q3BB7	ON K6D40_R	16.048	-0.163	-0.163
-0.164				
P5Q3BB7	ON K6D48_R	16.849	-0.182	-0.182
-0.181				
P5Q3BB7	ON K6F63_R	21.065	-0.190	-0.190
-0.189				
P5Q3BB7	ON K6F68_R	20.769	-0.191	-0.191
-0.191				
P5Q3BB7	ON K6F74_R	19.279	-0.190	-0.190
-0.190				
P5Q3BB7	ON K6D2AF_R	10.862	0.121	0.121
0.120				
P5Q3BB7	ON P5Q3BB2	18.138	0.269	0.269
0.269				
P5Q3BB7	ON P5Q3BB6	94.513	0.446	0.446
0.448				
P5Q3BB7	ON P5Q3X	10.886	-0.188	-0.188
-0.190				
P5Q3BB7	ON P5Q3AA	14.259	-0.185	-0.185
-0.191				
P5Q3BB7	ON P5Q3C	14.071	-0.201	-0.201
-0.205				
P5Q3BB7	ON P5Q30	10.452	-0.158	-0.158
-0.164				
P5Q3BB7	ON P5Q3R	16.853	-0.212	-0.212

-0.216				
P5Q3BB7	ON	P5Q3S	13.249	-0.181
-0.188				-0.181
P5Q3BB7	ON	P5Q3T	13.819	-0.187
-0.194				-0.187
P5Q3BB7	ON	P5Q3U	13.808	-0.182
-0.189				-0.182
P5Q3BB7	ON	P5Q3V	12.392	-0.182
-0.187				-0.182
P5Q3BB7	ON	P5Q3AJ	11.080	-0.172
-0.178				-0.172
P5Q3BB7	ON	P5Q3BN	12.823	-0.181
-0.187				-0.181
P5Q3BB7	ON	P5Q3C0	13.165	-0.178
-0.185				-0.178
P5Q3BB7	ON	P5Q3CQ	10.632	-0.162
-0.171				-0.162
P5Q3AA	ON	P5Q3M	19.303	-0.157
-0.153				-0.157
P5Q3AA	ON	P5Q3AD	41.404	-0.266
-0.258				-0.266
P5Q3AA	ON	P5Q3AF	37.004	-0.228
-0.223				-0.228
P5Q3AA	ON	P5Q3AH	42.331	-0.237
-0.235				-0.237
P5Q3AA	ON	P5Q3AR	25.969	-0.206
-0.200				-0.206
P5Q3AA	ON	P5Q3AV	45.214	-0.243
-0.238				-0.243
P5Q3AA	ON	P5Q3AX	61.485	-0.318
-0.312				-0.318
P5Q3AA	ON	P5Q3BQ	30.310	-0.189
-0.183				-0.189
P5Q3AA	ON	P5Q3CK	54.535	-0.282
-0.281				-0.282
P5Q3AA	ON	P5Q3DB	40.286	-0.229
-0.222				-0.229
P5Q3AA	ON	P5Q3E	37.671	-0.276
-0.266				-0.276
P5Q3AA	ON	P5Q3A0	43.109	-0.269
-0.260				-0.269
P5Q3AA	ON	P5Q3BK	35.501	-0.230
-0.224				-0.230
P5Q3AA	ON	P5Q3B0	27.154	-0.185
-0.181				-0.185
P5Q3AA	ON	P5Q3CU	48.117	-0.290
-0.283				-0.290
P5Q3AA	ON	P5Q3DA	49.452	-0.271
-0.265				-0.271
P5Q3AA	ON	P5Q3AS	19.696	-0.166
				-0.166

-0.161				
P5Q3AA	ON	P5Q3AU	45.162	-0.325
-0.313				-0.325
P5Q3AA	ON	P5Q3AZ	49.416	-0.284
-0.279				-0.284
P5Q3AA	ON	P5Q3BB1	42.430	-0.271
-0.263				-0.271
P5Q3AA	ON	P5Q3BB2	39.159	-0.266
-0.257				-0.266
P5Q3AA	ON	P5Q3BB5	27.056	-0.247
-0.237				-0.247
P5Q3AA	ON	P5Q3BB6	53.281	-0.296
-0.288				-0.296
P5Q3AA	ON	P5Q3BB7	45.547	-0.329
-0.319				-0.329
P5Q3AA	ON	P5Q3AP	11.478	0.123
0.123				0.123
P5Q3AA	ON	P5Q3U	66.146	0.223
0.223				0.223
P5Q3AA	ON	P5Q3V	110.095	0.282
0.281				0.282
P5Q3AA	ON	P5Q3CG	16.579	-0.177
-0.177				-0.177
P5Q3AA	ON	P5Q3CH	11.174	-0.174
-0.174				-0.174
P5Q3AA	ON	P5Q3CI	16.424	-0.233
-0.231				-0.233
P5Q3AP	ON	P5Q3AA	11.476	0.123
0.123				0.123
P5Q3AP	ON	P5Q3BZ	12.067	0.173
0.175				0.173
P5Q3BI	ON	P5Q3AD	10.822	0.134
0.135				0.134
P5Q3BI	ON	P5Q3BQ	19.530	0.144
0.144				0.144
P5Q3BI	ON	P5Q3B0	11.464	0.124
0.125				0.124
P5Q3BZ	ON	P5Q3AP	12.070	0.173
0.172				0.173
P5Q3CJ	ON	P5Q3CK	13.115	0.166
0.165				0.166
P5Q3R	ON	P5Q3M	33.736	0.191
0.188				0.191
P5Q3R	ON	P5Q3AB	12.685	0.132
0.128				0.132
P5Q3R	ON	P5Q3AF	19.997	0.160
0.158				0.160
P5Q3R	ON	P5Q3AH	14.030	0.128
0.128				0.128
P5Q3R	ON	P5Q3AV	12.120	0.123
				0.123

0.122				
P5Q3R	ON	P5Q3BQ	11.647	0.108 0.108
0.106				
P5Q3R	ON	P5Q3CK	18.416	0.165 0.165
0.166				
P5Q3R	ON	P5Q3DB	11.934	0.115 0.115
0.113				
P5Q3R	ON	P5Q3CU	10.662	0.133 0.133
0.131				
P5Q3R	ON	P5Q3AZ	13.084	0.144 0.144
0.143				
P5Q3S	ON	P5Q3T	133.730	0.331 0.331
0.330				
P5Q3T	ON	P5Q3AX	13.419	-0.159 -0.159
-0.155				
P5Q3T	ON	P5Q3DB	11.569	-0.143 -0.143
-0.138				
P5Q3T	ON	P5Q3DA	11.795	-0.150 -0.150
-0.146				
P5Q3T	ON	P5Q3AU	10.958	-0.183 -0.183
-0.175				
P5Q3T	ON	P5Q3BB2	12.330	-0.172 -0.172
-0.165				
P5Q3T	ON	P5Q3BB6	13.176	-0.172 -0.172
-0.167				
P5Q3T	ON	P5Q3BB7	11.307	-0.182 -0.182
-0.176				
P5Q3T	ON	P5Q3S	133.726	0.331 0.331
0.331				
P5Q3U	ON	K6D2AG_R	15.524	-0.069 -0.069
-0.067				
P5Q3U	ON	K6D2AI_R	13.372	-0.081 -0.081
-0.077				
P5Q3U	ON	K6D2D_R	12.939	-0.074 -0.074
-0.071				
P5Q3U	ON	K6D2J_R	11.926	-0.074 -0.074
-0.071				
P5Q3U	ON	K6D2T_R	11.135	-0.067 -0.067
-0.064				
P5Q3U	ON	K6D2AC_R	14.034	-0.061 -0.061
-0.059				
P5Q3U	ON	K6D2C_R	14.222	-0.079 -0.079
-0.076				
P5Q3U	ON	K6D2N_R	13.068	-0.060 -0.060
-0.058				
P5Q3U	ON	K6D2X_R	15.042	-0.072 -0.072
-0.069				
P5Q3U	ON	P5Q3AD	15.773	-0.156 -0.156
-0.151				
P5Q3U	ON	P5Q3AF	13.236	-0.132 -0.132

-0.129				
P5Q3U	ON	P5Q3AH	18.101	-0.152
-0.150				-0.152
P5Q3U	ON	P5Q3AR	26.879	-0.211
-0.204				-0.211
P5Q3U	ON	P5Q3AV	18.324	-0.151
-0.148				-0.151
P5Q3U	ON	P5Q3AX	34.077	-0.231
-0.226				-0.231
P5Q3U	ON	P5Q3BQ	14.532	-0.126
-0.122				-0.126
P5Q3U	ON	P5Q3CK	27.372	-0.190
-0.188				-0.190
P5Q3U	ON	P5Q3DB	17.206	-0.147
-0.142				-0.147
P5Q3U	ON	P5Q3E	19.941	-0.199
-0.192				-0.199
P5Q3U	ON	P5Q3A0	24.288	-0.200
-0.193				-0.200
P5Q3U	ON	P5Q3BK	26.688	-0.204
-0.199				-0.204
P5Q3U	ON	P5Q3B0	16.445	-0.147
-0.143				-0.147
P5Q3U	ON	P5Q3CU	16.444	-0.166
-0.161				-0.166
P5Q3U	ON	P5Q3DA	25.615	-0.189
-0.185				-0.189
P5Q3U	ON	P5Q3AS	12.110	-0.132
-0.127				-0.132
P5Q3U	ON	P5Q3AU	18.578	-0.201
-0.194				-0.201
P5Q3U	ON	P5Q3AZ	25.877	-0.198
-0.194				-0.198
P5Q3U	ON	P5Q3BB1	16.601	-0.169
-0.164				-0.169
P5Q3U	ON	P5Q3BB2	20.411	-0.187
-0.180				-0.187
P5Q3U	ON	P5Q3BB5	13.073	-0.164
-0.158				-0.164
P5Q3U	ON	P5Q3BB6	22.336	-0.191
-0.185				-0.191
P5Q3U	ON	P5Q3BB7	24.362	-0.241
-0.233				-0.241
P5Q3U	ON	P5Q3AA	66.147	0.223
0.223				0.223
P5Q3U	ON	P5Q3V	125.341	0.295
0.294				0.295
P5Q3U	ON	P5Q3CG	12.978	-0.155
-0.155				-0.155
P5Q3V	ON	P5Q3M	26.561	-0.204
				-0.204

-0.200				
P5Q3V	ON	P5Q3AB	16.697	-0.171
-0.166				-0.171
P5Q3V	ON	P5Q3AD	25.764	-0.215
-0.210				-0.215
P5Q3V	ON	P5Q3AF	33.146	-0.220
-0.216				-0.220
P5Q3V	ON	P5Q3AH	40.349	-0.235
-0.234				-0.235
P5Q3V	ON	P5Q3AR	24.709	-0.213
-0.207				-0.213
P5Q3V	ON	P5Q3AV	46.778	-0.259
-0.256				-0.259
P5Q3V	ON	P5Q3AX	51.204	-0.292
-0.288				-0.292
P5Q3V	ON	P5Q3BQ	35.854	-0.219
-0.214				-0.219
P5Q3V	ON	P5Q3CK	33.465	-0.220
-0.220				-0.220
P5Q3V	ON	P5Q3DB	47.659	-0.263
-0.257				-0.263
P5Q3V	ON	P5Q3E	30.541	-0.265
-0.257				-0.265
P5Q3V	ON	P5Q3A0	41.459	-0.276
-0.269				-0.276
P5Q3V	ON	P5Q3BK	42.226	-0.269
-0.263				-0.269
P5Q3V	ON	P5Q3B0	29.254	-0.205
-0.201				-0.205
P5Q3V	ON	P5Q3CU	45.307	-0.291
-0.285				-0.291
P5Q3V	ON	P5Q3DA	46.930	-0.279
-0.274				-0.279
P5Q3V	ON	P5Q3AS	26.859	-0.202
-0.196				-0.202
P5Q3V	ON	P5Q3AU	45.262	-0.340
-0.330				-0.340
P5Q3V	ON	P5Q3AZ	41.579	-0.263
-0.259				-0.263
P5Q3V	ON	P5Q3BB1	46.739	-0.303
-0.296				-0.303
P5Q3V	ON	P5Q3BB2	39.221	-0.285
-0.277				-0.285
P5Q3V	ON	P5Q3BB5	24.674	-0.251
-0.241				-0.251
P5Q3V	ON	P5Q3BB6	47.849	-0.303
-0.296				-0.303
P5Q3V	ON	P5Q3BB7	39.642	-0.322
-0.313				-0.322
P5Q3V	ON	P5Q3AA	110.090	0.282
				0.282

0.283				
P5Q3V	ON	P5Q3U	125.335	0.295 0.295
0.297				
P5Q3V	ON	P5Q3CG	16.283	-0.196 -0.196
-0.197				
P5Q3V	ON	P5Q3CH	14.459	-0.216 -0.216
-0.216				
P5Q3V	ON	P5Q3CI	17.251	-0.257 -0.257
-0.255				
P5Q3AJ	ON	P5Q3BB1	12.678	-0.187 -0.187
-0.181				
P5Q3AJ	ON	P5Q3BB6	13.721	-0.195 -0.195
-0.189				
P5Q3BN	ON	P5Q3M	15.764	0.148 0.148
0.144				
P5Q3BN	ON	P5Q3C0	11.865	0.124 0.124
0.124				
P5Q3CF	ON	P5Q3CG	16.845	0.136 0.136
0.136				
P5Q3CG	ON	K6D2A_R	11.151	-0.093 -0.093
-0.089				
P5Q3CG	ON	K6D2P_R	16.298	-0.085 -0.085
-0.083				
P5Q3CG	ON	K6D2R_R	11.420	-0.089 -0.089
-0.085				
P5Q3CG	ON	K6D2Z_R	13.109	-0.090 -0.090
-0.087				
P5Q3CG	ON	K6D2AB_R	15.738	-0.096 -0.096
-0.092				
P5Q3CG	ON	K6D2AJ_R	13.571	-0.077 -0.077
-0.074				
P5Q3CG	ON	K6D61C	19.241	-0.091 -0.091
-0.089				
P5Q3CG	ON	K6D61D	17.686	-0.109 -0.109
-0.105				
P5Q3CG	ON	K6D61E	14.867	-0.109 -0.109
-0.105				
P5Q3CG	ON	K6D61K	20.842	-0.097 -0.097
-0.095				
P5Q3CG	ON	K6D61L	17.828	-0.131 -0.131
-0.126				
P5Q3CG	ON	K6D61M	13.424	-0.112 -0.112
-0.107				
P5Q3CG	ON	K6D40_R	14.125	-0.102 -0.102
-0.098				
P5Q3CG	ON	K6D48_R	18.723	-0.128 -0.128
-0.123				
P5Q3CG	ON	K6F63_R	15.850	-0.110 -0.110
-0.106				
P5Q3CG	ON	K6F68_R	18.405	-0.120 -0.120

-0.117				
P5Q3CG	ON K6F74_R	17.179	-0.121	-0.121
-0.117				
P5Q3CG	ON P5Q3M	36.691	0.217	0.217
0.210				
P5Q3CG	ON P5Q3AB	16.461	0.164	0.164
0.157				
P5Q3CG	ON P5Q3AD	19.754	0.184	0.184
0.178				
P5Q3CG	ON P5Q3AF	38.160	0.223	0.223
0.218				
P5Q3CG	ON P5Q3AH	37.149	0.209	0.209
0.207				
P5Q3CG	ON P5Q3AR	37.433	0.252	0.252
0.244				
P5Q3CG	ON P5Q3AV	46.873	0.235	0.235
0.231				
P5Q3CG	ON P5Q3AX	38.875	0.248	0.248
0.243				
P5Q3CG	ON P5Q3BQ	36.375	0.200	0.200
0.194				
P5Q3CG	ON P5Q3CK	53.512	0.275	0.275
0.273				
P5Q3CG	ON P5Q3DB	32.417	0.201	0.201
0.194				
P5Q3CG	ON P5Q3E	29.745	0.243	0.243
0.234				
P5Q3CG	ON P5Q3A0	33.499	0.233	0.233
0.225				
P5Q3CG	ON P5Q3BK	45.105	0.257	0.257
0.251				
P5Q3CG	ON P5Q3B0	51.625	0.239	0.239
0.233				
P5Q3CG	ON P5Q3CU	35.976	0.251	0.251
0.244				
P5Q3CG	ON P5Q3DA	41.895	0.245	0.245
0.240				
P5Q3CG	ON P5Q3AS	30.401	0.212	0.212
0.205				
P5Q3CG	ON P5Q3AU	24.377	0.246	0.246
0.237				
P5Q3CG	ON P5Q3AZ	43.920	0.268	0.268
0.262				
P5Q3CG	ON P5Q3BB1	26.865	0.219	0.219
0.213				
P5Q3CG	ON P5Q3BB2	27.131	0.214	0.214
0.206				
P5Q3CG	ON P5Q3BB5	17.703	0.205	0.205
0.196				
P5Q3CG	ON P5Q3BB6	24.793	0.201	0.201

0.195				
P5Q3CG	ON	P5Q3BB7	28.391	0.271
0.262				0.271
P5Q3CG	ON	P5Q3AA	16.586	-0.177
-0.176				-0.177
P5Q3CG	ON	P5Q3U	12.985	-0.155
-0.155				-0.155
P5Q3CG	ON	P5Q3V	16.286	-0.196
-0.195				-0.196
P5Q3CG	ON	P5Q3CF	16.842	0.136
0.136				0.136
P5Q3CG	ON	P5Q3CH	10.828	0.142
0.141				0.142
P5Q3CH	ON	K6D61D	12.373	-0.106
-0.103				-0.106
P5Q3CH	ON	K6D61L	10.318	-0.112
-0.108				-0.112
P5Q3CH	ON	P5Q3M	55.143	0.302
0.295				0.302
P5Q3CH	ON	P5Q3AB	25.479	0.232
0.224				0.232
P5Q3CH	ON	P5Q3AD	37.388	0.294
0.286				0.294
P5Q3CH	ON	P5Q3AF	47.128	0.287
0.282				0.287
P5Q3CH	ON	P5Q3AH	67.200	0.308
0.306				0.308
P5Q3CH	ON	P5Q3AR	37.866	0.281
0.274				0.281
P5Q3CH	ON	P5Q3AV	63.935	0.304
0.300				0.304
P5Q3CH	ON	P5Q3AX	62.096	0.336
0.332				0.336
P5Q3CH	ON	P5Q3BQ	44.012	0.264
0.257				0.264
P5Q3CH	ON	P5Q3CK	60.944	0.328
0.327				0.328
P5Q3CH	ON	P5Q3DB	47.537	0.279
0.271				0.279
P5Q3CH	ON	P5Q3E	33.335	0.299
0.289				0.299
P5Q3CH	ON	P5Q3A0	34.918	0.268
0.261				0.268
P5Q3CH	ON	P5Q3BK	52.162	0.311
0.304				0.311
P5Q3CH	ON	P5Q3B0	39.789	0.263
0.258				0.263
P5Q3CH	ON	P5Q3CU	58.111	0.341
0.333				0.341
P5Q3CH	ON	P5Q3DA	51.802	0.309
				0.309

0.304				
P5Q3CH	ON	P5Q3AS	41.516	0.281 0.281
0.273				
P5Q3CH	ON	P5Q3AU	39.369	0.328 0.328
0.317				
P5Q3CH	ON	P5Q3AZ	52.601	0.317 0.317
0.312				
P5Q3CH	ON	P5Q3BB1	49.687	0.324 0.324
0.316				
P5Q3CH	ON	P5Q3BB2	39.724	0.300 0.300
0.291				
P5Q3CH	ON	P5Q3BB5	24.447	0.268 0.268
0.258				
P5Q3CH	ON	P5Q3BB6	36.767	0.273 0.273
0.266				
P5Q3CH	ON	P5Q3BB7	39.635	0.340 0.340
0.331				
P5Q3CH	ON	P5Q3AA	11.177	-0.174 -0.174
-0.175				
P5Q3CH	ON	P5Q3V	14.459	-0.216 -0.216
-0.216				
P5Q3CH	ON	P5Q3CG	10.830	0.142 0.142
0.143				
P5Q3CI	ON	K6F63_R	10.028	-0.111 -0.111
-0.108				
P5Q3CI	ON	P5Q3M	34.842	0.285 0.285
0.280				
P5Q3CI	ON	P5Q3AB	36.429	0.299 0.299
0.290				
P5Q3CI	ON	P5Q3AD	45.134	0.340 0.340
0.333				
P5Q3CI	ON	P5Q3AF	45.464	0.312 0.312
0.308				
P5Q3CI	ON	P5Q3AH	59.847	0.337 0.337
0.337				
P5Q3CI	ON	P5Q3AR	47.436	0.337 0.337
0.330				
P5Q3CI	ON	P5Q3AV	62.172	0.319 0.319
0.316				
P5Q3CI	ON	P5Q3AX	66.911	0.368 0.368
0.365				
P5Q3CI	ON	P5Q3BQ	49.106	0.296 0.296
0.290				
P5Q3CI	ON	P5Q3CK	64.720	0.369 0.369
0.370				
P5Q3CI	ON	P5Q3DB	37.518	0.283 0.283
0.277				
P5Q3CI	ON	P5Q3E	42.767	0.355 0.355
0.345				
P5Q3CI	ON	P5Q3A0	44.598	0.329 0.329

0.322				
P5Q3CI	ON	P5Q3BK	61.322	0.345
0.340				0.345
P5Q3CI	ON	P5Q3B0	61.136	0.325
0.319				0.325
P5Q3CI	ON	P5Q3CU	66.568	0.387
0.381				0.387
P5Q3CI	ON	P5Q3DA	57.306	0.340
0.336				0.340
P5Q3CI	ON	P5Q3AS	33.099	0.275
0.268				0.275
P5Q3CI	ON	P5Q3AU	45.433	0.373
0.363				0.373
P5Q3CI	ON	P5Q3AZ	56.590	0.340
0.337				0.340
P5Q3CI	ON	P5Q3BB1	41.579	0.333
0.327				0.333
P5Q3CI	ON	P5Q3BB2	29.453	0.287
0.280				0.287
P5Q3CI	ON	P5Q3BB5	26.890	0.306
0.297				0.306
P5Q3CI	ON	P5Q3BB6	34.129	0.294
0.288				0.294
P5Q3CI	ON	P5Q3BB7	56.218	0.422
0.413				0.422
P5Q3CI	ON	P5Q3AA	16.424	-0.233
-0.235				-0.233
P5Q3CI	ON	P5Q3V	17.247	-0.257
-0.258				-0.257
P5Q3C0	ON	P5Q3BN	11.861	0.123
0.123				0.123
SC15	ON	THREATC0	18.868	-0.240
-0.124				-0.240
SC15	ON	POVCO_AV	19.519	0.065
0.137				0.065
SC15	ON	CM1BSEX	24.474	-0.253
-0.127				-0.253
SC9	ON	CM1BSEX	12.642	0.763
0.381				0.763
K6B1A_R	ON	CM1BSEX	12.086	-0.243
-0.121				-0.243
K6D2AK_R	ON	CM1BSEX	39.712	-0.448
-0.222				-0.448
K6D2AB_R	ON	CM1BSEX	14.866	0.262
0.129				0.262
K6D61D	ON	POVCO_AV	37.258	-0.154
-0.320				-0.154
K6D2B_R	ON	CM1BSEX	11.154	-0.284
-0.140				-0.284
P5Q3DB	ON	POVCO_AV	10.702	0.076
				0.076

0.156				
P5Q3E	ON POVCO_AV	12.482	-0.121	-0.121
-0.252				
P5Q3V	ON CM1BSEX	14.449	-0.326	-0.326
-0.156				

WITH Statements

INCBCL	WITH SC15	13.401	0.116	0.116
0.116				
INCBCL	WITH SC9	13.401	-0.895	-0.895
-0.895				
INCBCL	WITH EXTERN	32.808	-0.623	-0.623
-0.623				
EXCBCL	WITH INTERNAL	38.522	-0.626	-0.626
-0.626				
EXCBCL	WITH PAF	14.261	0.099	0.099
0.099				
EXCBCL	WITH INCBCL	54.372	2.331	2.331
2.331				
K5E1A	WITH SC15	74.673	0.166	0.166
0.168				
K5E1A	WITH SC9	74.665	-1.284	-1.284
-1.301				
K5E1A	WITH INTERNAL	14.805	-0.083	-0.083
-0.084				
K5E1A	WITH EXTERN	13.420	-0.079	-0.079
-0.080				
K5E1A	WITH PAF	41.907	0.140	0.140
0.142				
K5E1A	WITH INCBCL	12.919	0.187	0.187
0.189				
K5E1B	WITH SC15	37.696	0.113	0.113
0.114				
K5E1B	WITH SC9	37.704	-0.877	-0.877
-0.884				
K5E1B	WITH PAF	22.702	0.099	0.099
0.100				
K5E1B	WITH INCBCL	10.425	0.156	0.156
0.157				
K5E1B	WITH EXCBCL	11.284	0.121	0.121
0.122				
K5E1B	WITH K5E1A	250.293	0.479	0.479
0.489				
K5E1C	WITH SC15	108.779	0.197	0.197
0.201				
K5E1C	WITH SC9	108.767	-1.527	-1.527
-1.556				
K5E1C	WITH EXTERN	16.385	-0.087	-0.087
-0.088				

K5E1C 0.143	WITH PAF	43.602	0.141	0.141
K5E1C 0.313	WITH INCBCL	32.964	0.307	0.307
K5E1C 0.176	WITH K6B1A_R	10.891	0.131	0.131
K5E1C 0.232	WITH K6B1B_R	11.917	0.140	0.140
K5E1C 0.233	WITH K6B1C_R	13.539	0.149	0.149
K5E1C 0.492	WITH K5E1A	232.372	0.476	0.476
K5E1C 0.440	WITH K5E1B	176.734	0.429	0.429
K5E1D 0.164	WITH SC15	60.250	0.160	0.160
K5E1D -1.266	WITH SC9	60.240	-1.240	-1.240
K5E1D -0.091	WITH INTERNAL	14.535	-0.089	-0.089
K5E1D 0.104	WITH PAF	18.951	0.102	0.102
K5E1D 0.449	WITH K5E1A	146.681	0.434	0.434
K5E1D 0.379	WITH K5E1B	96.558	0.368	0.368
K5E1D 0.541	WITH K5E1C	259.267	0.519	0.519
K6D2AG_R 0.171	WITH INTERNAL	14.857	0.111	0.111
K6D2AG_R -0.134	WITH EXCBCL	10.032	-0.087	-0.087
K6D2AI_R 0.149	WITH INTERNAL	17.868	0.122	0.122
K6D2AI_R 0.215	WITH K6D2AG_R	15.553	0.114	0.114
K6D2D_R 0.178	WITH SC15	20.334	0.138	0.138
K6D2D_R -0.066	WITH SC9	11.716	-0.051	-0.051
K6D2D_R 0.143	WITH INTERNAL	14.167	0.111	0.111
K6D2D_R 0.166	WITH PAF	30.489	0.129	0.129
K6D2D_R 0.163	WITH INCBCL	10.129	0.127	0.127
K6D2J_R 0.126	WITH INTERNAL	14.131	0.103	0.103
K6D2J_R 0.108	WITH PAF	16.983	0.088	0.088

K6D2T_R WITH SC15 0.184	19.268	0.138	0.138
K6D2T_R WITH INTERNAL 0.191	22.543	0.143	0.143
K6D2T_R WITH PAF 0.184	33.372	0.138	0.138
K6D2T_R WITH K6D2AG_R 0.332	33.070	0.161	0.161
K6D2T_R WITH K6D2AI_R 0.175	11.108	0.107	0.107
K6D2T_R WITH K6D2D_R 0.254	22.646	0.147	0.147
K6D2AC_R WITH SC15 -0.374	40.283	-0.198	-0.198
K6D2AC_R WITH INTERNAL -0.353	39.481	-0.187	-0.187
K6D2AC_R WITH PAF -0.292	47.743	-0.154	-0.154
K6D2AK_R WITH EXTERN 0.297	148.451	0.247	0.247
K6D2AK_R WITH PAF 0.197	51.207	0.164	0.164
K6D2AK_R WITH EXCBCL 0.239	58.400	0.198	0.198
K6D2C_R WITH K6D2D_R 0.192	15.544	0.120	0.120
K6D2C_R WITH K6D2J_R 0.169	15.696	0.112	0.112
K6D2N_R WITH SC15 -0.180	11.482	-0.102	-0.102
K6D2N_R WITH EXTERN -0.206	26.365	-0.117	-0.117
K6D2N_R WITH PAF -0.232	37.548	-0.132	-0.132
K6D2X_R WITH SC15 -0.393	50.209	-0.246	-0.246
K6D2X_R WITH INTERNAL -0.389	54.508	-0.244	-0.244
K6D2X_R WITH EXTERN -0.156	12.665	-0.098	-0.098
K6D2X_R WITH PAF -0.370	90.691	-0.232	-0.232
K6D2A_R WITH INTERNAL 0.103	19.834	0.090	0.090
K6D2A_R WITH PAF 0.077	11.151	0.068	0.068
K6D2A_R WITH K6D2D_R 0.191	13.864	0.130	0.130
K6D2A_R WITH K6D2AK_R 0.187	16.459	0.136	0.136

K6D2A_R WITH K6D2C_R 0.201	21.033	0.142	0.142
K6D2P_R WITH INTERNAL 0.111	15.282	0.079	0.079
K6D2P_R WITH INCBCL 0.167	10.632	0.119	0.119
K6D2P_R WITH K6D2AK_R 0.279	28.237	0.165	0.165
K6D2P_R WITH K6D2A_R 0.160	12.493	0.100	0.100
K6D2R_R WITH INTERNAL 0.249	121.548	0.215	0.215
K6D2R_R WITH EXTERN -0.251	40.788	-0.216	-0.216
K6D2R_R WITH EXCBCL -0.185	32.016	-0.159	-0.159
K6D2R_R WITH K6D2D_R 0.209	16.006	0.140	0.140
K6D2R_R WITH K6D2J_R 0.162	14.322	0.114	0.114
K6D2R_R WITH K6D2T_R 0.278	26.261	0.179	0.179
K6D2R_R WITH K6D2AK_R 0.256	34.008	0.184	0.184
K6D2R_R WITH K6D2C_R 0.228	27.235	0.158	0.158
K6D2R_R WITH K6D2A_R 0.137	12.543	0.104	0.104
K6D2R_R WITH K6D2P_R 0.168	14.127	0.103	0.103
K6D2Z_R WITH SC15 0.113	16.896	0.094	0.094
K6D2Z_R WITH INTERNAL 0.112	21.380	0.093	0.093
K6D2Z_R WITH PAF 0.133	29.181	0.110	0.110
K6D2Z_R WITH K6D2AK_R 0.220	22.806	0.152	0.152
K6D2Z_R WITH K6D2C_R 0.186	15.949	0.124	0.124
K6D2Z_R WITH K6D2A_R 0.191	25.170	0.139	0.139
K6D2Z_R WITH K6D2P_R 0.228	25.870	0.135	0.135
K6D2Z_R WITH K6D2R_R 0.231	38.801	0.165	0.165
K6D2AB_R WITH SC15 0.095	11.778	0.078	0.078
K6D2AB_R WITH INTERNAL 0.097	15.740	0.079	0.079

K6D2AB_R WITH PAF 0.115	21.731	0.094	0.094
K6D2AB_R WITH K6D2AK_R 0.282	37.533	0.192	0.192
K6D2AB_R WITH K6D2P_R 0.199	18.489	0.116	0.116
K6D2AB_R WITH K6D2Z_R 0.191	22.196	0.130	0.130
K6D2AJ_R WITH SC9 -0.072	12.440	-0.050	-0.050
K6D2AJ_R WITH INTERNAL 0.157	27.295	0.108	0.108
K6D2AJ_R WITH EXTERN -0.319	36.974	-0.218	-0.218
K6D2AJ_R WITH INCBCL 0.181	10.772	0.124	0.124
K6D2AJ_R WITH K6D2AK_R 0.492	96.809	0.280	0.280
K6D2AJ_R WITH K6D2P_R 0.233	18.134	0.114	0.114
K6D2AJ_R WITH K6D2AB_R 0.219	18.955	0.123	0.123
K6D61C WITH INTERNAL -0.558	63.068	-0.274	-0.274
K6D61C WITH EXTERN 0.604	28.387	0.296	0.296
K6D61C WITH K6D2J_R -0.528	12.866	-0.212	-0.212
K6D61C WITH K6D2A_R -0.566	14.904	-0.243	-0.243
K6D61C WITH K6D2P_R -1.239	50.683	-0.432	-0.432
K6D61C WITH K6D2R_R -0.925	38.939	-0.391	-0.391
K6D61C WITH K6D2Z_R -0.912	31.110	-0.371	-0.371
K6D61C WITH K6D2AB_R -0.788	27.437	-0.316	-0.316
K6D61C WITH K6D2AJ_R -1.193	50.285	-0.401	-0.401
K6D61D WITH INTERNAL -0.191	34.880	-0.151	-0.151
K6D61D WITH EXTERN 0.226	17.566	0.180	0.180
K6D61D WITH INCBCL -0.262	21.677	-0.208	-0.208
K6D61D WITH K6D2P_R -0.321	18.424	-0.181	-0.181
K6D61D WITH K6D2R_R -0.335	27.746	-0.230	-0.230

K6D61D -0.248	WITH K6D2Z_R	13.418	-0.163	-0.163
K6D61E -0.091	WITH SC9	12.961	-0.073	-0.073
K6D61E -0.209	WITH INTERNAL	27.148	-0.167	-0.167
K6D61E 0.262	WITH EXCBCL	23.354	0.209	0.209
K6D61E -0.337	WITH K6D2P_R	11.831	-0.192	-0.192
K6D61E -0.473	WITH K6D2R_R	34.467	-0.326	-0.326
K6D61E 0.806	WITH K6D61D	218.500	0.511	0.511
K6D61K 0.137	WITH SC9	12.396	0.073	0.073
K6D61K -0.528	WITH INTERNAL	73.452	-0.284	-0.284
K6D61K 0.619	WITH EXTERN	39.121	0.332	0.332
K6D61K -0.462	WITH INCBCL	18.711	-0.248	-0.248
K6D61K -0.426	WITH K6D2J_R	10.972	-0.188	-0.188
K6D61K -0.564	WITH K6D2T_R	13.275	-0.226	-0.226
K6D61K -0.512	WITH K6D2A_R	17.626	-0.241	-0.241
K6D61K -1.064	WITH K6D2P_R	52.399	-0.406	-0.406
K6D61K -0.865	WITH K6D2R_R	44.367	-0.400	-0.400
K6D61K -0.905	WITH K6D2Z_R	39.661	-0.403	-0.403
K6D61K -0.673	WITH K6D2AB_R	26.524	-0.296	-0.296
K6D61K -1.055	WITH K6D2AJ_R	50.098	-0.388	-0.388
K6D61K 2.496	WITH K6D61C	401.518	0.657	0.657
K6D61L -0.213	WITH INTERNAL	36.044	-0.180	-0.180
K6D61L 0.323	WITH EXTERN	29.847	0.274	0.274
K6D61L -0.294	WITH INCBCL	22.127	-0.249	-0.249
K6D61L -0.344	WITH K6D2T_R	15.240	-0.217	-0.217
K6D61L -0.273	WITH K6D2R_R	14.788	-0.199	-0.199

K6D61L -0.256	WITH K6D2Z_R	12.137	-0.180	-0.180
K6D61L 0.612	WITH K6D61D	121.457	0.411	0.411
K6D61L 0.427	WITH K6D61E	29.986	0.288	0.288
K6D61M -0.185	WITH SC15	39.292	-0.163	-0.163
K6D61M -0.175	WITH EXTERN	14.330	-0.155	-0.155
K6D61M -0.175	WITH PAF	43.881	-0.154	-0.154
K6D61M -0.145	WITH EXCBCL	14.120	-0.128	-0.128
K6D61M -0.172	WITH K6D2A_R	11.068	-0.133	-0.133
K6D40_R -0.119	WITH SC9	13.661	-0.090	-0.090
K6D40_R -0.170	WITH INTERNAL	10.819	-0.128	-0.128
K6D40_R -0.156	WITH PAF	10.023	-0.117	-0.117
K6D40_R 0.277	WITH EXCBCL	15.949	0.208	0.208
K6D40_R -0.426	WITH K6D2A_R	17.302	-0.281	-0.281
K6D40_R -0.557	WITH K6D2P_R	18.222	-0.298	-0.298
K6D40_R -0.445	WITH K6D2R_R	18.638	-0.288	-0.288
K6D40_R -0.516	WITH K6D2Z_R	17.522	-0.322	-0.322
K6D40_R -0.375	WITH K6D2AB_R	13.064	-0.231	-0.231
K6D40_R -0.508	WITH K6D2AJ_R	17.081	-0.262	-0.262
K6D48_R 0.088	WITH SC9	15.055	0.073	0.073
K6D48_R -0.258	WITH K6D2A_R	13.386	-0.189	-0.189
K6D48_R -0.303	WITH K6D2P_R	12.583	-0.180	-0.180
K6D48_R -0.323	WITH K6D2R_R	20.543	-0.232	-0.232
K6D48_R -0.350	WITH K6D2Z_R	21.275	-0.242	-0.242
K6D48_R -0.340	WITH K6D2AJ_R	14.991	-0.194	-0.194
K6D48_R 0.535	WITH K6D40_R	32.369	0.335	0.335

K6F63_R WITH INTERNAL -0.173	26.374	-0.141	-0.141
K6F63_R WITH K6D2A_R -0.265	15.560	-0.188	-0.188
K6F63_R WITH K6D2P_R -0.388	23.537	-0.224	-0.224
K6F63_R WITH K6D2R_R -0.346	26.453	-0.243	-0.243
K6F63_R WITH K6D2Z_R -0.339	21.811	-0.229	-0.229
K6F63_R WITH K6D2AB_R -0.227	11.367	-0.151	-0.151
K6F63_R WITH K6D2AJ_R -0.377	19.751	-0.210	-0.210
K6F63_R WITH K6D40_R 0.600	49.680	0.367	0.367
K6F63_R WITH K6D48_R 0.673	133.477	0.456	0.456
K6F68_R WITH SC9 0.306	40.616	0.223	0.223
K6F68_R WITH INCBCL -1.098	91.002	-0.801	-0.801
K6F68_R WITH K6D48_R 0.458	10.999	0.279	0.279
K6F68_R WITH K6F63_R 0.491	10.018	0.291	0.291
K6F74_R WITH SC9 -0.172	16.391	-0.131	-0.131
K6F74_R WITH PAF -0.246	13.154	-0.187	-0.187
K6F74_R WITH K6D2P_R -0.643	14.146	-0.349	-0.349
K6F74_R WITH K6D40_R 0.530	13.425	0.304	0.304
K6F74_R WITH K6D48_R 0.476	12.291	0.302	0.302
K6F74_R WITH K6F68_R 0.636	12.958	0.354	0.354
K6D2B_R WITH INTERNAL -0.228	46.338	-0.147	-0.147
K6D2B_R WITH PAF -0.424	60.289	-0.274	-0.274
K6D2B_R WITH K6D2AC_R -0.432	17.922	-0.147	-0.147
K6D2B_R WITH K6D2N_R -0.354	14.880	-0.129	-0.129
K6D2B_R WITH K6D2X_R -0.637	59.151	-0.258	-0.258
K6D2G_R WITH SC15 0.187	12.067	0.167	0.167

K6D2G_R WITH INTERNAL 0.120	15.421	0.107	0.107
K6D2G_R WITH K6B1A_R 0.293	21.420	0.198	0.198
K6D2I_R WITH INTERNAL 0.170	46.441	0.147	0.147
K6D2I_R WITH EXTERN -0.159	46.905	-0.137	-0.137
K6D2I_R WITH EXCBCL -0.116	16.010	-0.100	-0.100
K6D2I_R WITH K6D2J_R 0.173	12.244	0.122	0.122
K6D2I_R WITH K6D2C_R 0.178	11.784	0.124	0.124
K6D2I_R WITH K6D2AJ_R -0.256	20.475	-0.152	-0.152
K6D2I_R WITH K6D61M -0.234	18.940	-0.178	-0.178
K6D2I_R WITH K6D40_R -0.319	10.979	-0.208	-0.208
K6D2K_R WITH SC15 -0.181	13.056	-0.148	-0.148
K6D2K_R WITH INTERNAL 0.131	24.806	0.107	0.107
K6D2K_R WITH PAF 0.221	28.342	0.180	0.180
K6D2K_R WITH K6D2C_R 0.184	10.752	0.121	0.121
K6D2K_R WITH K6D2B_R -0.276	12.412	-0.145	-0.145
K6D2K_R WITH K6D2I_R 0.267	40.521	0.188	0.188
K6D2L_R WITH K6D2X_R -0.355	10.633	-0.154	-0.154
K6D2M_R WITH INTERNAL 0.150	31.136	0.121	0.121
K6D2M_R WITH PAF 0.199	22.079	0.160	0.160
K6D2M_R WITH K6D2B_R -0.290	13.444	-0.151	-0.151
K6D2M_R WITH K6D2I_R 0.267	39.558	0.186	0.186
K6D2M_R WITH K6D2K_R 0.523	202.536	0.343	0.343
K6D20_R WITH INTERNAL -0.082	10.207	-0.068	-0.068
K6D2S_R WITH INTERNAL -0.360	79.613	-0.179	-0.179
K6D2S_R WITH PAF -0.531	63.587	-0.265	-0.265

K6D2S_R WITH K6D2AC_R -0.783	50.888	-0.206	-0.206
K6D2S_R WITH K6D2N_R -0.658	41.755	-0.186	-0.186
K6D2S_R WITH K6D2X_R -0.524	25.591	-0.164	-0.164
K6D2S_R WITH K6D2K_R -0.433	21.238	-0.176	-0.176
K6D2S_R WITH K6D2M_R -0.442	22.210	-0.177	-0.177
K6D2V_R WITH INTERNAL 0.103	13.027	0.082	0.082
K6D2V_R WITH EXTERN -0.091	10.729	-0.073	-0.073
K6D2V_R WITH K6D2P_R -0.210	10.956	-0.119	-0.119
K6D2V_R WITH K6D2AJ_R -0.218	10.240	-0.120	-0.120
K6D2V_R WITH K6D2I_R 0.274	38.288	0.190	0.190
K6D2V_R WITH K6D2K_R 0.224	20.520	0.146	0.146
K6D2V_R WITH K6D2M_R 0.218	19.867	0.140	0.140
K6D2V_R WITH K6D2S_R -0.360	14.543	-0.144	-0.144
K6D2Y_R WITH EXCBCL 0.123	10.089	0.095	0.095
K6D2AA_R WITH EXTERN 0.119	13.403	0.084	0.084
K6D2AA_R WITH EXCBCL 0.180	20.272	0.127	0.127
K6D2AA_R WITH K6B1A_R 0.225	10.893	0.121	0.121
K6D2AE_R WITH SC15 -0.156	12.476	-0.138	-0.138
K6D2AE_R WITH INTERNAL 0.121	26.593	0.107	0.107
K6D2AE_R WITH EXTERN 0.121	27.951	0.107	0.107
K6D2AE_R WITH PAF 0.278	57.270	0.246	0.246
K6D2AE_R WITH EXCBCL 0.112	15.678	0.099	0.099
K6D2AE_R WITH K6D2T_R 0.195	10.243	0.129	0.129
K6D2AE_R WITH K6D2Z_R 0.190	17.742	0.139	0.139
K6D2AE_R WITH K6D2AB_R 0.201	19.055	0.145	0.145

K6D2AE_R WITH K6D2W_R 0.214	23.012	0.142	0.142
K6D2AF_R WITH EXTERN 0.126	14.793	0.100	0.100
K6D2AF_R WITH K6D2G_R 0.221	11.034	0.155	0.155
K6D2AF_R WITH K6D2Y_R 0.316	26.591	0.192	0.192
P5Q3M WITH SC9 -0.515	25.147	-0.405	-0.405
P5Q3M WITH INCBCL -0.544	51.786	-0.428	-0.428
P5Q3M WITH EXCBCL 0.302	41.909	0.238	0.238
P5Q3AF WITH INCBCL -0.289	11.201	-0.210	-0.210
P5Q3AF WITH EXCBCL 0.234	18.807	0.170	0.170
P5Q3AH WITH INCBCL -0.470	14.804	-0.264	-0.264
P5Q3AH WITH EXCBCL 0.340	19.278	0.191	0.191
P5Q3AV WITH SC15 0.131	10.081	0.089	0.089
P5Q3AV WITH P5Q3AB 0.326	16.941	0.200	0.200
P5Q3AX WITH SC15 0.171	11.341	0.115	0.115
P5Q3CK WITH SC9 -1.195	23.622	-0.598	-0.598
P5Q3CK WITH EXTERN -0.635	48.503	-0.318	-0.318
P5Q3CK WITH INCBCL -0.685	17.448	-0.343	-0.343
P5Q3CK WITH K6F68_R -2.797	294.180	-1.021	-1.021
P5Q3DB WITH P5Q3BQ 0.210	13.137	0.140	0.140
P5Q3E WITH P5Q3DB -0.250	10.394	-0.182	-0.182
P5Q3BK WITH P5Q3A0 0.293	11.686	0.187	0.187
P5Q3B0 WITH SC15 -0.111	13.432	-0.086	-0.086
P5Q3B0 WITH EXTERN 0.161	22.469	0.125	0.125
P5Q3B0 WITH PAF -0.111	10.694	-0.087	-0.087
P5Q3B0 WITH INCBCL -0.368	24.658	-0.286	-0.286

P5Q3B0 0.266	WITH EXCBCL	33.849	0.206	0.206
P5Q3B0 -0.360	WITH P5Q3AF	11.762	-0.203	-0.203
P5Q3DA 0.406	WITH P5Q3A0	23.039	0.244	0.244
P5Q3AZ 0.455	WITH P5Q3CU	19.447	0.244	0.244
P5Q3BB1 0.402	WITH SC9	11.832	0.320	0.320
P5Q3BB1 0.365	WITH INCBCL	18.704	0.290	0.290
P5Q3BB1 -0.225	WITH EXCBCL	18.201	-0.179	-0.179
P5Q3BB2 0.308	WITH SC9	10.359	0.267	0.267
P5Q3BB2 0.366	WITH INCBCL	27.145	0.317	0.317
P5Q3BB2 -0.189	WITH EXCBCL	19.310	-0.164	-0.164
P5Q3BB2 0.554	WITH P5Q3BB1	75.294	0.381	0.381
P5Q3BB5 0.278	WITH P5Q3BB2	16.990	0.222	0.222
P5Q3BB6 0.540	WITH SC9	23.983	0.432	0.432
P5Q3BB6 0.543	WITH INCBCL	46.596	0.435	0.435
P5Q3BB6 -0.317	WITH EXCBCL	40.781	-0.254	-0.254
P5Q3BB6 0.550	WITH P5Q3BB1	61.549	0.349	0.349
P5Q3BB6 0.530	WITH P5Q3BB2	77.380	0.367	0.367
P5Q3BB6 0.363	WITH P5Q3BB5	25.158	0.268	0.268
P5Q3BB7 0.150	WITH SC15	12.829	0.125	0.125
P5Q3BB7 0.374	WITH INCBCL	17.322	0.312	0.312
P5Q3BB7 -0.240	WITH EXCBCL	17.939	-0.200	-0.200
P5Q3BB7 0.373	WITH P5Q3BB2	18.142	0.269	0.269
P5Q3BB7 0.668	WITH P5Q3BB6	94.521	0.446	0.446
P5Q3AA 0.540	WITH SC9	45.209	0.381	0.381
P5Q3AA -0.471	WITH INCBCL	66.786	-0.333	-0.333

P5Q3AA 0.500	WITH EXCBCL	63.401	0.353	0.353
P5Q3AP 0.241	WITH P5Q3AA	11.477	0.123	0.123
P5Q3BI 0.190	WITH INCBCL	17.155	0.175	0.175
P5Q3BI 0.193	WITH P5Q3BQ	12.654	0.144	0.144
P5Q3BZ 0.354	WITH P5Q3AP	12.069	0.173	0.173
P5Q3CJ 0.266	WITH INCBCL	12.315	0.185	0.185
P5Q3CJ -0.292	WITH EXCBCL	11.343	-0.203	-0.203
P5Q3R -0.292	WITH SC9	16.867	-0.227	-0.227
P5Q3R 0.225	WITH INCBCL	19.314	0.175	0.175
P5Q3R -0.199	WITH EXCBCL	12.647	-0.154	-0.154
P5Q3R 0.327	WITH P5Q3M	21.717	0.200	0.200
P5Q3T 0.328	WITH SC9	10.630	0.218	0.218
P5Q3T -0.266	WITH INCBCL	14.936	-0.177	-0.177
P5Q3T 0.254	WITH EXCBCL	10.928	0.169	0.169
P5Q3T 0.766	WITH P5Q3S	133.732	0.331	0.331
P5Q3U -0.386	WITH INCBCL	44.357	-0.267	-0.267
P5Q3U 0.333	WITH EXCBCL	27.758	0.230	0.230
P5Q3U 0.458	WITH P5Q3AA	66.144	0.223	0.223
P5Q3V 0.489	WITH SC9	36.332	0.359	0.359
P5Q3V -0.503	WITH INCBCL	75.645	-0.369	-0.369
P5Q3V 0.431	WITH EXCBCL	46.615	0.317	0.317
P5Q3V -0.281	WITH P5Q3DB	11.970	-0.170	-0.170
P5Q3V 0.544	WITH P5Q3AA	110.093	0.282	0.282
P5Q3V 0.582	WITH P5Q3U	125.338	0.295	0.295
P5Q3AJ 0.284	WITH EXCBCL	11.649	0.195	0.195

P5Q3BN 0.324	WITH P5Q3M	12.737	0.175	0.175
P5Q3CG -0.648	WITH SC9	57.079	-0.445	-0.445
P5Q3CG -0.142	WITH EXTERN	15.244	-0.098	-0.098
P5Q3CG 0.473	WITH INCBCL	63.947	0.325	0.325
P5Q3CG -0.535	WITH EXCBCL	65.701	-0.367	-0.367
P5Q3CG 0.314	WITH P5Q3B0	14.758	0.167	0.167
P5Q3CG -0.365	WITH P5Q3AA	16.581	-0.177	-0.177
P5Q3CG -0.327	WITH P5Q3U	12.980	-0.155	-0.155
P5Q3CG -0.389	WITH P5Q3V	16.281	-0.196	-0.196
P5Q3CG 0.289	WITH P5Q3CF	16.846	0.136	0.136
P5Q3CH -0.746	WITH SC9	65.500	-0.545	-0.545
P5Q3CH 0.592	WITH INCBCL	89.038	0.433	0.433
P5Q3CH -0.650	WITH EXCBCL	85.083	-0.475	-0.475
P5Q3CH 0.353	WITH P5Q3AV	10.141	0.175	0.175
P5Q3CH -0.338	WITH P5Q3AA	11.175	-0.174	-0.174
P5Q3CH -0.403	WITH P5Q3V	14.457	-0.216	-0.216
P5Q3CH 0.284	WITH P5Q3CG	10.832	0.142	0.142
P5Q3CI -0.778	WITH SC9	68.724	-0.598	-0.598
P5Q3CI 0.640	WITH INCBCL	98.817	0.493	0.493
P5Q3CI -0.673	WITH EXCBCL	86.809	-0.517	-0.517
P5Q3CI 0.322	WITH P5Q3B0	12.424	0.192	0.192
P5Q3CI -0.429	WITH P5Q3AA	16.425	-0.233	-0.233
P5Q3CI -0.454	WITH P5Q3V	17.248	-0.257	-0.257
P5Q3C0 0.279	WITH P5Q3BN	11.864	0.123	0.123

Beginning Time: 09:49:43
Ending Time: 20:07:55
Elapsed Time: 10:18:12

MUTHEN & MUTHEN
3463 Stoner Ave.
Los Angeles, CA 90066

Tel: (310) 391-9971
Fax: (310) 391-8971
Web: www.StatModel.com
Support: Support@StatModel.com

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