

Mplus VERSION 8.4 (Mac)
MUTHEN & MUTHEN
10/23/2020 10:42 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 (CBCL at age 9)

!InternCBCL ExternCBCL

;

! 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 ExternCBCL;
!Internalizing ON InternCBCL;

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

*** WARNING

Input line exceeded 90 characters. Some input may be truncated.
! cases in a certain category have been excluded – interestingly,

it only resulted in losi

*** WARNING

Input line exceeded 90 characters. Some input may be truncated.

! Delinquency items removed due to low freq: k6d61h k6d61f k6d61g
k6d61a k6d61b k6d61i k6d6

*** WARNING

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: 1142

5 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	3756
Number of dependent variables	101
Number of independent variables	0
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	

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	296
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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	0.901			
K6B1B_R	0.901	0.901		
K6B1C_R	0.901	0.901	0.901	
K6B1D_R	0.900	0.900	0.900	0.901
K5E1A	0.788	0.788	0.788	0.788
0.875				
K5E1B	0.793	0.792	0.792	0.792
0.871				
K5E1C	0.797	0.796	0.796	0.796
0.874				
K5E1D	0.794	0.793	0.793	0.793
0.871				

K6D2AG_R 0.798	0.899	0.898	0.898	0.898
K6D2AI_R 0.797	0.898	0.897	0.897	0.897
K6D2D_R 0.794	0.895	0.895	0.895	0.895
K6D2J_R 0.786	0.886	0.886	0.886	0.885
K6D2T_R 0.798	0.899	0.899	0.899	0.898
K6D2AC_R 0.798	0.899	0.898	0.898	0.898
K6D2AK_R 0.798	0.898	0.898	0.898	0.897
K6D2C_R 0.789	0.889	0.888	0.888	0.888
K6D2N_R 0.797	0.898	0.898	0.898	0.897
K6D2X_R 0.798	0.898	0.898	0.898	0.897
K6D2A_R 0.798	0.899	0.899	0.899	0.898
K6D2P_R 0.798	0.899	0.898	0.898	0.898
K6D2R_R 0.797	0.898	0.897	0.897	0.897
K6D2Z_R 0.798	0.898	0.898	0.898	0.897
K6D2AB_R 0.798	0.899	0.898	0.898	0.898
K6D2AJ_R 0.798	0.899	0.898	0.898	0.898
K6D61C 0.797	0.897	0.897	0.897	0.896
K6D61D 0.798	0.897	0.896	0.896	0.896
K6D61E 0.797	0.896	0.896	0.896	0.896
K6D61K 0.797	0.897	0.896	0.896	0.896
K6D61L 0.797	0.897	0.897	0.897	0.896
K6D61M 0.796	0.896	0.895	0.895	0.895
K6D40_R 0.797	0.897	0.897	0.897	0.897
K6D48_R 0.797	0.897	0.897	0.897	0.896
K6F63_R 0.797	0.896	0.895	0.895	0.895

K6F68_R 0.797	0.896	0.895	0.895	0.895
K6F74_R 0.797	0.896	0.895	0.895	0.895
K6D2B_R 0.798	0.899	0.899	0.899	0.898
K6D2F_R 0.798	0.899	0.899	0.899	0.899
K6D2G_R 0.799	0.900	0.899	0.899	0.899
K6D2I_R 0.798	0.899	0.898	0.898	0.898
K6D2K_R 0.798	0.899	0.899	0.898	0.898
K6D2L_R 0.799	0.900	0.899	0.899	0.899
K6D2M_R 0.799	0.900	0.899	0.899	0.899
K6D2O_R 0.798	0.899	0.898	0.898	0.898
K6D2S_R 0.799	0.900	0.899	0.899	0.899
K6D2V_R 0.799	0.900	0.899	0.899	0.899
K6D2W_R 0.798	0.899	0.899	0.899	0.898
K6D2Y_R 0.798	0.899	0.899	0.899	0.899
K6D2AA_R 0.799	0.900	0.899	0.899	0.899
K6D2AE_R 0.797	0.898	0.897	0.897	0.897
K6D2AF_R 0.799	0.899	0.899	0.899	0.899
K6D2AH_R 0.788	0.888	0.888	0.888	0.887
P5Q3M 0.856	0.792	0.792	0.792	0.791
P5Q3AB 0.855	0.792	0.791	0.791	0.791
P5Q3AD 0.855	0.792	0.791	0.791	0.791
P5Q3AF 0.856	0.792	0.792	0.792	0.792
P5Q3AH 0.857	0.793	0.793	0.793	0.793
P5Q3AR 0.857	0.793	0.793	0.793	0.792
P5Q3AV 0.857	0.793	0.793	0.793	0.793

P5Q3AX 0.858	0.794	0.793	0.793	0.793
P5Q3BQ 0.856	0.792	0.792	0.792	0.792
P5Q3CK 0.858	0.794	0.793	0.793	0.793
P5Q3DB 0.846	0.783	0.782	0.782	0.782
P5Q3E 0.852	0.789	0.788	0.788	0.788
P5Q3A0 0.857	0.793	0.792	0.792	0.792
P5Q3BK 0.856	0.792	0.792	0.792	0.791
P5Q3B0 0.858	0.794	0.794	0.794	0.793
P5Q3CU 0.858	0.793	0.793	0.793	0.793
P5Q3DA 0.855	0.791	0.790	0.790	0.790
P5Q3AS 0.857	0.793	0.793	0.793	0.792
P5Q3AU 0.855	0.792	0.791	0.791	0.791
P5Q3AZ 0.857	0.793	0.793	0.793	0.792
P5Q3BB1 0.855	0.792	0.791	0.791	0.791
P5Q3BB2 0.854	0.790	0.790	0.790	0.790
P5Q3BB5 0.853	0.789	0.789	0.789	0.788
P5Q3BB6 0.855	0.793	0.792	0.792	0.792
P5Q3BB7 0.847	0.784	0.783	0.783	0.783
P5Q3X 0.855	0.792	0.791	0.791	0.791
P5Q3AA 0.856	0.793	0.792	0.792	0.792
P5Q3AL 0.857	0.793	0.793	0.793	0.792
P5Q3AP 0.857	0.794	0.793	0.793	0.793
P5Q3BI 0.857	0.793	0.792	0.792	0.792
P5Q3BZ 0.859	0.794	0.794	0.794	0.794
P5Q3CJ 0.857	0.793	0.793	0.793	0.792

P5Q3C 0.851	0.787	0.786	0.786	0.786
P5Q30 0.856	0.792	0.791	0.791	0.791
P5Q3R 0.857	0.793	0.793	0.793	0.792
P5Q3S 0.857	0.793	0.793	0.793	0.792
P5Q3T 0.857	0.793	0.792	0.792	0.792
P5Q3U 0.856	0.793	0.792	0.792	0.792
P5Q3V 0.850	0.787	0.787	0.787	0.786
P5Q3AJ 0.858	0.793	0.793	0.793	0.793
P5Q3BC 0.854	0.790	0.790	0.790	0.790
P5Q3BN 0.858	0.794	0.793	0.793	0.793
P5Q3CF 0.857	0.794	0.793	0.793	0.793
P5Q3CG 0.857	0.793	0.793	0.793	0.792
P5Q3CH 0.853	0.789	0.789	0.789	0.789
P5Q3CI 0.856	0.793	0.792	0.792	0.792
P5Q3CN 0.858	0.794	0.793	0.793	0.793
P5Q3C0 0.858	0.794	0.793	0.793	0.793
P5Q3CQ 0.858	0.794	0.793	0.793	0.793
P5Q3CW 0.858	0.794	0.794	0.794	0.793

	Covariance Coverage			
	K5E1B	K5E1C	K5E1D	K6D2AG_R
K6D2AI_R				
K5E1B	0.880			
K5E1C	0.879	0.885		
K5E1D	0.876	0.881	0.882	
K6D2AG_R	0.802	0.807	0.804	0.914
K6D2AI_R	0.802	0.806	0.803	0.912
0.913				
K6D2D_R	0.799	0.803	0.800	0.910

0.909				
K6D2J_R	0.791	0.795	0.792	0.901
0.900				
K6D2T_R	0.803	0.807	0.804	0.914
0.913				
K6D2AC_R	0.802	0.806	0.803	0.913
0.912				
K6D2AK_R	0.802	0.806	0.803	0.913
0.912				
K6D2C_R	0.793	0.798	0.794	0.904
0.903				
K6D2N_R	0.802	0.806	0.803	0.913
0.912				
K6D2X_R	0.802	0.807	0.804	0.913
0.912				
K6D2A_R	0.803	0.807	0.804	0.914
0.913				
K6D2P_R	0.802	0.807	0.804	0.913
0.912				
K6D2R_R	0.802	0.806	0.803	0.913
0.912				
K6D2Z_R	0.802	0.806	0.803	0.913
0.912				
K6D2AB_R	0.803	0.807	0.804	0.913
0.912				
K6D2AJ_R	0.803	0.807	0.804	0.913
0.913				
K6D61C	0.802	0.806	0.803	0.912
0.911				
K6D61D	0.802	0.806	0.803	0.911
0.911				
K6D61E	0.801	0.806	0.802	0.911
0.910				
K6D61K	0.801	0.806	0.802	0.911
0.911				
K6D61L	0.802	0.806	0.803	0.912
0.911				
K6D61M	0.800	0.804	0.801	0.910
0.909				
K6D40_R	0.802	0.806	0.803	0.912
0.911				
K6D48_R	0.802	0.806	0.803	0.912
0.911				
K6F63_R	0.801	0.806	0.802	0.911
0.910				
K6F68_R	0.801	0.805	0.802	0.910
0.910				
K6F74_R	0.801	0.806	0.802	0.911
0.910				
K6D2B_R	0.803	0.807	0.804	0.914

0.913				
K6D2F_R	0.803	0.807	0.804	0.914
0.913				
K6D2G_R	0.803	0.808	0.804	0.914
0.913				
K6D2I_R	0.802	0.806	0.804	0.913
0.912				
K6D2K_R	0.802	0.807	0.804	0.914
0.912				
K6D2L_R	0.803	0.808	0.804	0.914
0.913				
K6D2M_R	0.803	0.808	0.804	0.914
0.913				
K6D2O_R	0.803	0.807	0.804	0.913
0.912				
K6D2S_R	0.803	0.808	0.804	0.914
0.913				
K6D2V_R	0.803	0.808	0.804	0.914
0.913				
K6D2W_R	0.803	0.807	0.804	0.914
0.913				
K6D2Y_R	0.803	0.807	0.804	0.914
0.913				
K6D2AA_R	0.803	0.808	0.804	0.914
0.913				
K6D2AE_R	0.801	0.806	0.802	0.912
0.911				
K6D2AF_R	0.803	0.808	0.804	0.914
0.913				
K6D2AH_R	0.792	0.796	0.793	0.903
0.902				
P5Q3M	0.860	0.866	0.863	0.803
0.802				
P5Q3AB	0.860	0.865	0.862	0.803
0.802				
P5Q3AD	0.860	0.865	0.862	0.802
0.802				
P5Q3AF	0.861	0.866	0.863	0.804
0.803				
P5Q3AH	0.862	0.867	0.864	0.805
0.804				
P5Q3AR	0.862	0.867	0.864	0.804
0.804				
P5Q3AV	0.862	0.867	0.864	0.805
0.804				
P5Q3AX	0.862	0.868	0.864	0.805
0.804				
P5Q3BQ	0.861	0.866	0.863	0.804
0.803				
P5Q3CK	0.863	0.868	0.865	0.805

0.804				
P5Q3DB	0.850	0.856	0.853	0.794
0.793				
P5Q3E	0.857	0.862	0.859	0.800
0.799				
P5Q3A0	0.861	0.867	0.863	0.804
0.803				
P5Q3BK	0.860	0.866	0.862	0.803
0.802				
P5Q3B0	0.863	0.868	0.865	0.805
0.805				
P5Q3CU	0.862	0.867	0.864	0.805
0.804				
P5Q3DA	0.859	0.864	0.861	0.802
0.801				
P5Q3AS	0.862	0.867	0.864	0.804
0.804				
P5Q3AU	0.860	0.865	0.862	0.803
0.802				
P5Q3AZ	0.862	0.867	0.864	0.804
0.804				
P5Q3BB1	0.860	0.865	0.862	0.802
0.802				
P5Q3BB2	0.859	0.864	0.860	0.801
0.801				
P5Q3BB5	0.857	0.862	0.859	0.800
0.799				
P5Q3BB6	0.860	0.865	0.862	0.804
0.803				
P5Q3BB7	0.851	0.856	0.853	0.794
0.794				
P5Q3X	0.860	0.865	0.862	0.803
0.802				
P5Q3AA	0.861	0.866	0.863	0.804
0.803				
P5Q3AL	0.862	0.867	0.864	0.804
0.804				
P5Q3AP	0.862	0.867	0.864	0.805
0.804				
P5Q3BI	0.861	0.867	0.863	0.804
0.803				
P5Q3BZ	0.863	0.868	0.865	0.806
0.805				
P5Q3CJ	0.861	0.867	0.863	0.804
0.804				
P5Q3C	0.855	0.860	0.858	0.798
0.797				
P5Q30	0.860	0.866	0.863	0.803
0.802				
P5Q3R	0.861	0.867	0.864	0.804

0.804				
P5Q3S	0.862	0.867	0.864	0.804
0.804				
P5Q3T	0.861	0.867	0.863	0.804
0.803				
P5Q3U	0.861	0.866	0.863	0.804
0.803				
P5Q3V	0.854	0.859	0.856	0.798
0.797				
P5Q3AJ	0.862	0.867	0.864	0.805
0.804				
P5Q3BC	0.858	0.864	0.860	0.802
0.801				
P5Q3BN	0.863	0.868	0.865	0.805
0.804				
P5Q3CF	0.862	0.867	0.864	0.805
0.804				
P5Q3CG	0.862	0.867	0.864	0.804
0.804				
P5Q3CH	0.857	0.862	0.859	0.801
0.800				
P5Q3CI	0.861	0.866	0.863	0.804
0.803				
P5Q3CN	0.863	0.868	0.865	0.805
0.804				
P5Q3C0	0.862	0.868	0.864	0.805
0.804				
P5Q3CQ	0.862	0.868	0.864	0.805
0.804				
P5Q3CW	0.863	0.868	0.865	0.805
0.805				

	Covariance Coverage			
	K6D2D_R	K6D2J_R	K6D2T_R	K6D2AC_R
K6D2AK_R				
<hr/>				
K6D2D_R	0.911			
K6D2J_R	0.898	0.901		
K6D2T_R	0.910	0.901	0.915	
K6D2AC_R	0.910	0.901	0.913	0.914
K6D2AK_R	0.910	0.901	0.913	0.913
0.914				
K6D2C_R	0.900	0.894	0.904	0.903
0.903				
K6D2N_R	0.909	0.900	0.913	0.913
0.912				
K6D2X_R	0.910	0.900	0.913	0.913
0.913				

K6D2A_R 0.913	0.910	0.901	0.914	0.913
K6D2P_R 0.913	0.910	0.901	0.914	0.913
K6D2R_R 0.912	0.909	0.901	0.913	0.912
K6D2Z_R 0.912	0.909	0.900	0.913	0.913
K6D2AB_R 0.913	0.910	0.901	0.914	0.913
K6D2AJ_R 0.913	0.910	0.901	0.914	0.913
K6D61C 0.912	0.908	0.899	0.912	0.911
K6D61D 0.911	0.908	0.899	0.912	0.911
K6D61E 0.911	0.907	0.898	0.911	0.911
K6D61K 0.911	0.908	0.899	0.912	0.911
K6D61L 0.912	0.908	0.899	0.912	0.912
K6D61M 0.910	0.907	0.897	0.910	0.910
K6D40_R 0.912	0.908	0.899	0.912	0.912
K6D48_R 0.911	0.908	0.899	0.912	0.911
K6F63_R 0.911	0.907	0.898	0.911	0.910
K6F68_R 0.910	0.907	0.898	0.911	0.910
K6F74_R 0.911	0.907	0.898	0.911	0.910
K6D2B_R 0.913	0.910	0.901	0.914	0.914
K6D2F_R 0.913	0.911	0.901	0.914	0.914
K6D2G_R 0.914	0.911	0.901	0.915	0.914
K6D2I_R 0.913	0.910	0.900	0.913	0.913
K6D2K_R 0.913	0.910	0.901	0.914	0.913
K6D2L_R 0.914	0.911	0.901	0.915	0.914
K6D2M_R 0.914	0.911	0.901	0.915	0.914
K6D20_R 0.913	0.910	0.901	0.914	0.913

K6D2S_R 0.914	0.911	0.901	0.915	0.914
K6D2V_R 0.914	0.911	0.901	0.915	0.914
K6D2W_R 0.913	0.911	0.901	0.914	0.913
K6D2Y_R 0.913	0.910	0.901	0.914	0.913
K6D2AA_R 0.914	0.911	0.901	0.915	0.914
K6D2AE_R 0.912	0.909	0.900	0.912	0.912
K6D2AF_R 0.913	0.911	0.901	0.914	0.914
K6D2AH_R 0.903	0.900	0.892	0.903	0.902
P5Q3M 0.803	0.800	0.792	0.804	0.803
P5Q3AB 0.802	0.799	0.791	0.803	0.802
P5Q3AD 0.802	0.799	0.791	0.803	0.802
P5Q3AF 0.803	0.800	0.792	0.804	0.803
P5Q3AH 0.804	0.801	0.793	0.805	0.804
P5Q3AR 0.804	0.801	0.793	0.805	0.804
P5Q3AV 0.804	0.801	0.793	0.805	0.804
P5Q3AX 0.804	0.801	0.793	0.805	0.805
P5Q3BQ 0.803	0.800	0.792	0.804	0.803
P5Q3CK 0.805	0.802	0.793	0.805	0.805
P5Q3DB 0.793	0.791	0.782	0.794	0.794
P5Q3E 0.799	0.796	0.788	0.800	0.800
P5Q3A0 0.803	0.800	0.792	0.804	0.804
P5Q3BK 0.803	0.800	0.792	0.804	0.803
P5Q3B0 0.805	0.802	0.794	0.806	0.805
P5Q3CU 0.804	0.801	0.793	0.805	0.804
P5Q3DA 0.801	0.798	0.790	0.802	0.802

P5Q3AS 0.804	0.801	0.793	0.805	0.804
P5Q3AU 0.802	0.800	0.791	0.803	0.803
P5Q3AZ 0.804	0.801	0.793	0.805	0.804
P5Q3BB1 0.802	0.799	0.791	0.803	0.802
P5Q3BB2 0.801	0.798	0.790	0.802	0.801
P5Q3BB5 0.799	0.796	0.789	0.800	0.800
P5Q3BB6 0.803	0.800	0.792	0.804	0.803
P5Q3BB7 0.794	0.791	0.783	0.795	0.794
P5Q3X 0.802	0.799	0.791	0.803	0.802
P5Q3AA 0.803	0.800	0.792	0.804	0.804
P5Q3AL 0.804	0.801	0.793	0.805	0.804
P5Q3AP 0.804	0.801	0.793	0.805	0.805
P5Q3BI 0.804	0.801	0.792	0.804	0.804
P5Q3BZ 0.805	0.802	0.794	0.806	0.805
P5Q3CJ 0.804	0.801	0.793	0.805	0.804
P5Q3C 0.797	0.794	0.787	0.798	0.797
P5Q30 0.802	0.800	0.792	0.803	0.803
P5Q3R 0.804	0.801	0.793	0.805	0.804
P5Q3S 0.804	0.801	0.793	0.805	0.804
P5Q3T 0.804	0.801	0.792	0.804	0.804
P5Q3U 0.803	0.800	0.792	0.804	0.804
P5Q3V 0.798	0.795	0.786	0.798	0.798
P5Q3AJ 0.804	0.801	0.793	0.805	0.804
P5Q3BC 0.801	0.798	0.790	0.802	0.801
P5Q3BN 0.805	0.802	0.793	0.805	0.805

P5Q3CF 0.804	0.801	0.793	0.805	0.804
P5Q3CG 0.804	0.801	0.793	0.805	0.804
P5Q3CH 0.800	0.797	0.789	0.801	0.800
P5Q3CI 0.804	0.801	0.792	0.804	0.804
P5Q3CN 0.805	0.802	0.793	0.805	0.805
P5Q3C0 0.805	0.802	0.793	0.805	0.805
P5Q3CQ 0.805	0.802	0.793	0.805	0.805
P5Q3CW 0.805	0.802	0.794	0.806	0.805

	Covariance Coverage			
	K6D2C_R	K6D2N_R	K6D2X_R	K6D2A_R
K6D2P_R				
K6D2C_R	0.904			
K6D2N_R	0.903	0.913		
K6D2X_R	0.903	0.912	0.914	
K6D2A_R	0.904	0.913	0.913	0.915
K6D2P_R 0.914	0.903	0.913	0.913	0.914
K6D2R_R 0.913	0.903	0.912	0.912	0.913
K6D2Z_R 0.913	0.904	0.912	0.912	0.913
K6D2AB_R 0.914	0.904	0.913	0.913	0.914
K6D2AJ_R 0.913	0.903	0.913	0.913	0.914
K6D61C 0.912	0.901	0.911	0.911	0.912
K6D61D 0.911	0.901	0.911	0.911	0.912
K6D61E 0.911	0.901	0.910	0.910	0.911
K6D61K 0.911	0.901	0.911	0.911	0.912
K6D61L 0.912	0.902	0.911	0.911	0.912
K6D61M 0.910	0.900	0.909	0.909	0.910
K6D40_R	0.902	0.911	0.911	0.912

0.912				
K6D48_R	0.901	0.911	0.911	0.912
0.912				
K6F63_R	0.900	0.910	0.910	0.911
0.911				
K6F68_R	0.900	0.910	0.910	0.911
0.910				
K6F74_R	0.900	0.910	0.910	0.911
0.911				
K6D2B_R	0.904	0.913	0.913	0.914
0.914				
K6D2F_R	0.904	0.913	0.913	0.914
0.914				
K6D2G_R	0.904	0.913	0.914	0.915
0.914				
K6D2I_R	0.903	0.912	0.913	0.913
0.913				
K6D2K_R	0.904	0.913	0.913	0.914
0.913				
K6D2L_R	0.904	0.913	0.914	0.915
0.914				
K6D2M_R	0.904	0.913	0.914	0.915
0.914				
K6D2O_R	0.903	0.913	0.913	0.914
0.913				
K6D2S_R	0.904	0.913	0.914	0.915
0.914				
K6D2V_R	0.904	0.913	0.914	0.915
0.914				
K6D2W_R	0.904	0.913	0.913	0.914
0.914				
K6D2Y_R	0.904	0.913	0.913	0.914
0.914				
K6D2AA_R	0.904	0.913	0.914	0.915
0.914				
K6D2AE_R	0.902	0.911	0.912	0.913
0.912				
K6D2AF_R	0.904	0.913	0.914	0.914
0.914				
K6D2AH_R	0.894	0.902	0.903	0.903
0.903				
P5Q3M	0.793	0.803	0.803	0.804
0.803				
P5Q3AB	0.793	0.802	0.803	0.803
0.803				
P5Q3AD	0.793	0.802	0.802	0.803
0.803				
P5Q3AF	0.794	0.803	0.804	0.804
0.804				
P5Q3AH	0.795	0.804	0.805	0.805

0.805				
P5Q3AR	0.794	0.804	0.804	0.805
0.805				
P5Q3AV	0.795	0.804	0.805	0.805
0.805				
P5Q3AX	0.795	0.804	0.805	0.805
0.805				
P5Q3BQ	0.794	0.803	0.804	0.804
0.804				
P5Q3CK	0.795	0.805	0.805	0.805
0.805				
P5Q3DB	0.784	0.793	0.794	0.794
0.794				
P5Q3E	0.790	0.799	0.800	0.800
0.800				
P5Q3A0	0.794	0.803	0.804	0.804
0.804				
P5Q3BK	0.793	0.803	0.803	0.804
0.803				
P5Q3B0	0.796	0.805	0.805	0.806
0.805				
P5Q3CU	0.795	0.804	0.805	0.805
0.805				
P5Q3DA	0.792	0.801	0.802	0.802
0.802				
P5Q3AS	0.794	0.804	0.804	0.805
0.805				
P5Q3AU	0.793	0.802	0.803	0.803
0.803				
P5Q3AZ	0.794	0.804	0.804	0.805
0.805				
P5Q3BB1	0.793	0.802	0.802	0.803
0.803				
P5Q3BB2	0.792	0.801	0.801	0.802
0.802				
P5Q3BB5	0.790	0.799	0.800	0.800
0.800				
P5Q3BB6	0.794	0.803	0.804	0.804
0.804				
P5Q3BB7	0.785	0.794	0.794	0.795
0.795				
P5Q3X	0.793	0.802	0.803	0.803
0.803				
P5Q3AA	0.794	0.803	0.804	0.804
0.804				
P5Q3AL	0.794	0.804	0.804	0.805
0.805				
P5Q3AP	0.795	0.804	0.805	0.805
0.805				
P5Q3BI	0.794	0.804	0.804	0.804

0.804				
P5Q3BZ	0.796	0.805	0.806	0.806
0.806				
P5Q3CJ	0.794	0.804	0.804	0.805
0.804				
P5Q3C	0.788	0.797	0.798	0.798
0.798				
P5Q30	0.793	0.802	0.803	0.803
0.803				
P5Q3R	0.794	0.804	0.804	0.805
0.804				
P5Q3S	0.794	0.804	0.804	0.805
0.804				
P5Q3T	0.794	0.804	0.804	0.804
0.804				
P5Q3U	0.794	0.803	0.804	0.804
0.804				
P5Q3V	0.788	0.798	0.798	0.798
0.798				
P5Q3AJ	0.795	0.804	0.805	0.805
0.805				
P5Q3BC	0.792	0.801	0.802	0.802
0.802				
P5Q3BN	0.795	0.805	0.805	0.805
0.805				
P5Q3CF	0.795	0.804	0.805	0.805
0.805				
P5Q3CG	0.794	0.804	0.804	0.805
0.804				
P5Q3CH	0.791	0.800	0.801	0.801
0.801				
P5Q3CI	0.794	0.804	0.804	0.804
0.804				
P5Q3CN	0.795	0.805	0.805	0.805
0.805				
P5Q3C0	0.795	0.805	0.805	0.805
0.805				
P5Q3CQ	0.795	0.805	0.805	0.805
0.805				
P5Q3CW	0.796	0.805	0.805	0.806
0.805				

	Covariance	Coverage		
K6D61C	K6D2R_R	K6D2Z_R	K6D2AB_R	K6D2AJ_R
K6D2R_R	0.913			
K6D2Z_R	0.913	0.914		

K6D2AB_R	0.913	0.913	0.914	
K6D2AJ_R	0.913	0.913	0.914	0.914
K6D61C	0.911	0.911	0.912	0.912
0.913				
K6D61D	0.911	0.911	0.911	0.912
0.912				
K6D61E	0.910	0.910	0.911	0.911
0.912				
K6D61K	0.911	0.911	0.911	0.912
0.912				
K6D61L	0.911	0.911	0.912	0.912
0.912				
K6D61M	0.910	0.910	0.910	0.911
0.911				
K6D40_R	0.911	0.911	0.912	0.912
0.912				
K6D48_R	0.911	0.911	0.912	0.912
0.912				
K6F63_R	0.910	0.910	0.911	0.911
0.911				
K6F68_R	0.909	0.910	0.910	0.911
0.911				
K6F74_R	0.910	0.910	0.911	0.911
0.911				
K6D2B_R	0.913	0.913	0.914	0.914
0.912				
K6D2F_R	0.913	0.913	0.914	0.914
0.912				
K6D2G_R	0.913	0.914	0.914	0.914
0.912				
K6D2I_R	0.912	0.913	0.913	0.913
0.911				
K6D2K_R	0.913	0.913	0.913	0.913
0.912				
K6D2L_R	0.913	0.914	0.914	0.914
0.912				
K6D2M_R	0.913	0.914	0.914	0.914
0.912				
K6D20_R	0.913	0.913	0.913	0.913
0.912				
K6D2S_R	0.913	0.914	0.914	0.914
0.912				
K6D2V_R	0.913	0.914	0.914	0.914
0.912				
K6D2W_R	0.913	0.913	0.914	0.914
0.912				
K6D2Y_R	0.913	0.913	0.914	0.914
0.912				
K6D2AA_R	0.913	0.914	0.914	0.914
0.912				

K6D2AE_R 0.910	0.912	0.912	0.912	0.912
K6D2AF_R 0.912	0.913	0.913	0.914	0.914
K6D2AH_R 0.901	0.902	0.902	0.903	0.903
P5Q3M 0.802	0.802	0.803	0.804	0.804
P5Q3AB 0.802	0.802	0.802	0.803	0.803
P5Q3AD 0.801	0.802	0.802	0.803	0.803
P5Q3AF 0.802	0.803	0.803	0.804	0.804
P5Q3AH 0.804	0.804	0.804	0.805	0.805
P5Q3AR 0.803	0.804	0.804	0.805	0.805
P5Q3AV 0.804	0.804	0.804	0.805	0.805
P5Q3AX 0.804	0.804	0.804	0.805	0.805
P5Q3BQ 0.802	0.803	0.803	0.804	0.804
P5Q3CK 0.804	0.804	0.805	0.805	0.805
P5Q3DB 0.793	0.793	0.793	0.794	0.794
P5Q3E 0.799	0.799	0.799	0.800	0.800
P5Q3A0 0.803	0.803	0.803	0.804	0.804
P5Q3BK 0.802	0.802	0.803	0.804	0.804
P5Q3B0 0.804	0.805	0.805	0.806	0.806
P5Q3CU 0.804	0.804	0.804	0.805	0.805
P5Q3DA 0.801	0.801	0.801	0.802	0.802
P5Q3AS 0.803	0.804	0.804	0.805	0.805
P5Q3AU 0.802	0.802	0.802	0.803	0.803
P5Q3AZ 0.803	0.804	0.804	0.805	0.805
P5Q3BB1 0.801	0.802	0.802	0.803	0.803
P5Q3BB2 0.800	0.801	0.801	0.802	0.802

P5Q3BB5	0.799	0.799	0.800	0.800
0.799				
P5Q3BB6	0.803	0.803	0.804	0.804
0.802				
P5Q3BB7	0.794	0.794	0.795	0.795
0.793				
P5Q3X	0.802	0.802	0.803	0.803
0.802				
P5Q3AA	0.803	0.803	0.804	0.804
0.803				
P5Q3AL	0.804	0.804	0.805	0.805
0.803				
P5Q3AP	0.804	0.804	0.805	0.805
0.804				
P5Q3BI	0.803	0.804	0.804	0.804
0.803				
P5Q3BZ	0.805	0.805	0.806	0.806
0.805				
P5Q3CJ	0.804	0.804	0.805	0.805
0.803				
P5Q3C	0.797	0.797	0.798	0.798
0.797				
P5Q30	0.802	0.802	0.803	0.803
0.802				
P5Q3R	0.804	0.804	0.805	0.805
0.803				
P5Q3S	0.804	0.804	0.805	0.805
0.803				
P5Q3T	0.803	0.804	0.804	0.804
0.803				
P5Q3U	0.803	0.803	0.804	0.804
0.803				
P5Q3V	0.797	0.798	0.798	0.798
0.798				
P5Q3AJ	0.804	0.804	0.805	0.805
0.804				
P5Q3BC	0.801	0.801	0.802	0.802
0.801				
P5Q3BN	0.804	0.805	0.805	0.805
0.804				
P5Q3CF	0.804	0.804	0.805	0.805
0.804				
P5Q3CG	0.804	0.804	0.805	0.805
0.803				
P5Q3CH	0.800	0.800	0.801	0.801
0.800				
P5Q3CI	0.803	0.804	0.804	0.804
0.803				
P5Q3CN	0.804	0.805	0.805	0.805
0.804				

P5Q3C0 0.804	0.804	0.805	0.805	0.805
P5Q3CQ 0.804	0.804	0.805	0.805	0.805
P5Q3CW 0.804	0.805	0.805	0.806	0.806

K6D61M	Covariance Coverage			
	K6D61D	K6D61E	K6D61K	K6D61L
<hr/>				
K6D61D	0.912			
K6D61E	0.911	0.912		
K6D61K	0.912	0.911	0.912	
K6D61L	0.912	0.912	0.912	0.913
K6D61M	0.910	0.910	0.910	0.911
0.911				
K6D40_R	0.912	0.912	0.912	0.912
0.911				
K6D48_R	0.912	0.911	0.912	0.912
0.910				
K6F63_R	0.911	0.910	0.911	0.911
0.909				
K6F68_R	0.911	0.910	0.911	0.911
0.909				
K6F74_R	0.911	0.910	0.911	0.911
0.909				
K6D2B_R	0.912	0.911	0.912	0.912
0.910				
K6D2F_R	0.912	0.911	0.912	0.912
0.911				
K6D2G_R	0.912	0.912	0.912	0.913
0.911				
K6D2I_R	0.911	0.911	0.911	0.912
0.910				
K6D2K_R	0.911	0.911	0.911	0.912
0.910				
K6D2L_R	0.912	0.912	0.912	0.913
0.911				
K6D2M_R	0.912	0.912	0.912	0.913
0.911				
K6D20_R	0.912	0.911	0.911	0.912
0.910				
K6D2S_R	0.912	0.912	0.912	0.913
0.911				
K6D2V_R	0.912	0.912	0.912	0.913
0.911				
K6D2W_R	0.912	0.911	0.912	0.912

0.911				
K6D2Y_R	0.912	0.911	0.912	0.912
0.910				
K6D2AA_R	0.912	0.912	0.912	0.913
0.911				
K6D2AE_R	0.910	0.909	0.910	0.911
0.909				
K6D2AF_R	0.912	0.911	0.912	0.912
0.911				
K6D2AH_R	0.901	0.900	0.901	0.901
0.899				
P5Q3M	0.802	0.802	0.802	0.802
0.800				
P5Q3AB	0.802	0.801	0.801	0.802
0.800				
P5Q3AD	0.801	0.801	0.801	0.801
0.800				
P5Q3AF	0.802	0.802	0.802	0.802
0.801				
P5Q3AH	0.804	0.803	0.803	0.804
0.802				
P5Q3AR	0.803	0.803	0.803	0.803
0.801				
P5Q3AV	0.804	0.803	0.803	0.804
0.802				
P5Q3AX	0.804	0.803	0.803	0.804
0.802				
P5Q3BQ	0.802	0.802	0.802	0.802
0.801				
P5Q3CK	0.804	0.804	0.804	0.804
0.802				
P5Q3DB	0.793	0.792	0.792	0.793
0.791				
P5Q3E	0.799	0.798	0.798	0.799
0.797				
P5Q3A0	0.803	0.802	0.802	0.803
0.801				
P5Q3BK	0.802	0.802	0.802	0.802
0.800				
P5Q3B0	0.804	0.804	0.804	0.804
0.802				
P5Q3CU	0.804	0.803	0.803	0.804
0.802				
P5Q3DA	0.801	0.800	0.800	0.801
0.799				
P5Q3AS	0.803	0.803	0.803	0.803
0.802				
P5Q3AU	0.802	0.801	0.801	0.802
0.800				
P5Q3AZ	0.803	0.803	0.803	0.803

0.801				
P5Q3BB1	0.801	0.801	0.801	0.801
0.800				
P5Q3BB2	0.800	0.800	0.800	0.800
0.798				
P5Q3BB5	0.799	0.798	0.798	0.799
0.797				
P5Q3BB6	0.802	0.802	0.802	0.802
0.801				
P5Q3BB7	0.793	0.793	0.793	0.793
0.792				
P5Q3X	0.802	0.801	0.801	0.802
0.800				
P5Q3AA	0.803	0.802	0.802	0.803
0.801				
P5Q3AL	0.803	0.803	0.803	0.803
0.801				
P5Q3AP	0.804	0.803	0.803	0.804
0.802				
P5Q3BI	0.803	0.802	0.802	0.803
0.801				
P5Q3BZ	0.805	0.804	0.804	0.805
0.803				
P5Q3CJ	0.803	0.803	0.803	0.803
0.801				
P5Q3C	0.797	0.796	0.796	0.797
0.795				
P5Q3O	0.802	0.801	0.801	0.802
0.800				
P5Q3R	0.803	0.803	0.803	0.803
0.801				
P5Q3S	0.803	0.803	0.803	0.803
0.801				
P5Q3T	0.803	0.802	0.802	0.803
0.801				
P5Q3U	0.803	0.802	0.802	0.803
0.801				
P5Q3V	0.797	0.797	0.797	0.797
0.796				
P5Q3AJ	0.804	0.803	0.803	0.804
0.802				
P5Q3BC	0.801	0.800	0.800	0.801
0.799				
P5Q3BN	0.804	0.804	0.804	0.804
0.802				
P5Q3CF	0.804	0.803	0.803	0.804
0.802				
P5Q3CG	0.803	0.803	0.803	0.803
0.801				
P5Q3CH	0.800	0.799	0.799	0.800

0.798				
P5Q3CI	0.803	0.802	0.802	0.803
0.801				
P5Q3CN	0.804	0.804	0.804	0.804
0.802				
P5Q3C0	0.804	0.804	0.804	0.804
0.802				
P5Q3CQ	0.804	0.804	0.804	0.804
0.802				
P5Q3CW	0.804	0.804	0.804	0.804
0.802				

	Covariance Coverage			
	K6D40_R	K6D48_R	K6F63_R	K6F68_R
K6F74_R				
K6D40_R	0.913			
K6D48_R	0.912	0.913		
K6F63_R	0.911	0.911	0.911	
K6F68_R	0.911	0.911	0.911	0.911
K6F74_R	0.911	0.911	0.911	0.911
0.911				
K6D2B_R	0.912	0.912	0.911	0.911
0.911				
K6D2F_R	0.912	0.912	0.911	0.911
0.911				
K6D2G_R	0.913	0.912	0.911	0.911
0.911				
K6D2I_R	0.912	0.911	0.910	0.910
0.910				
K6D2K_R	0.912	0.912	0.911	0.910
0.911				
K6D2L_R	0.913	0.912	0.911	0.911
0.911				
K6D2M_R	0.913	0.912	0.911	0.911
0.911				
K6D20_R	0.912	0.912	0.911	0.910
0.911				
K6D2S_R	0.913	0.912	0.911	0.911
0.911				
K6D2V_R	0.913	0.912	0.911	0.911
0.911				
K6D2W_R	0.912	0.912	0.911	0.911
0.911				
K6D2Y_R	0.912	0.912	0.911	0.911
0.911				
K6D2AA_R	0.913	0.912	0.911	0.911
0.911				

K6D2AE_R 0.909	0.911	0.910	0.909	0.909
K6D2AF_R 0.911	0.912	0.912	0.911	0.911
K6D2AH_R 0.900	0.901	0.901	0.900	0.900
P5Q3M 0.801	0.802	0.802	0.801	0.801
P5Q3AB 0.801	0.802	0.802	0.801	0.801
P5Q3AD 0.801	0.802	0.801	0.801	0.800
P5Q3AF 0.802	0.803	0.802	0.802	0.801
P5Q3AH 0.803	0.804	0.804	0.803	0.802
P5Q3AR 0.802	0.804	0.803	0.802	0.802
P5Q3AV 0.803	0.804	0.804	0.803	0.802
P5Q3AX 0.803	0.804	0.804	0.803	0.803
P5Q3BQ 0.802	0.803	0.802	0.802	0.801
P5Q3CK 0.803	0.804	0.804	0.803	0.803
P5Q3DB 0.792	0.793	0.793	0.792	0.792
P5Q3E 0.798	0.799	0.799	0.798	0.798
P5Q3A0 0.802	0.803	0.803	0.802	0.802
P5Q3BK 0.801	0.802	0.802	0.801	0.801
P5Q3B0 0.804	0.805	0.804	0.804	0.803
P5Q3CU 0.803	0.804	0.804	0.803	0.802
P5Q3DA 0.800	0.801	0.801	0.800	0.800
P5Q3AS 0.802	0.804	0.803	0.802	0.802
P5Q3AU 0.801	0.802	0.802	0.801	0.801
P5Q3AZ 0.802	0.804	0.803	0.802	0.802
P5Q3BB1 0.801	0.802	0.801	0.801	0.800
P5Q3BB2 0.800	0.801	0.800	0.800	0.799

P5Q3BB5 0.798	0.799	0.799	0.798	0.798
P5Q3BB6 0.802	0.803	0.802	0.802	0.801
P5Q3BB7 0.793	0.794	0.793	0.793	0.792
P5Q3X 0.801	0.802	0.802	0.801	0.801
P5Q3AA 0.802	0.803	0.803	0.802	0.802
P5Q3AL 0.802	0.804	0.803	0.802	0.802
P5Q3AP 0.803	0.804	0.804	0.803	0.803
P5Q3BI 0.802	0.803	0.803	0.802	0.802
P5Q3BZ 0.804	0.805	0.805	0.804	0.804
P5Q3CJ 0.802	0.804	0.803	0.802	0.802
P5Q3C 0.796	0.797	0.797	0.796	0.796
P5Q30 0.801	0.802	0.802	0.801	0.801
P5Q3R 0.802	0.804	0.803	0.802	0.802
P5Q3S 0.802	0.804	0.803	0.802	0.802
P5Q3T 0.802	0.803	0.803	0.802	0.802
P5Q3U 0.802	0.803	0.803	0.802	0.802
P5Q3V 0.797	0.798	0.797	0.797	0.796
P5Q3AJ 0.803	0.804	0.804	0.803	0.802
P5Q3BC 0.800	0.801	0.801	0.800	0.800
P5Q3BN 0.803	0.804	0.804	0.803	0.803
P5Q3CF 0.803	0.804	0.804	0.803	0.802
P5Q3CG 0.802	0.804	0.803	0.802	0.802
P5Q3CH 0.799	0.800	0.800	0.799	0.798
P5Q3CI 0.802	0.803	0.803	0.802	0.802
P5Q3CN 0.803	0.804	0.804	0.803	0.803

P5Q3C0 0.803	0.804	0.804	0.803	0.803
P5Q3CQ 0.803	0.804	0.804	0.803	0.803
P5Q3CW 0.804	0.805	0.804	0.804	0.803

	Covariance Coverage			
K6D2K_R	K6D2B_R	K6D2F_R	K6D2G_R	K6D2I_R
<hr/>				
K6D2B_R	0.915			
K6D2F_R	0.914	0.915		
K6D2G_R	0.915	0.915	0.915	
K6D2I_R	0.913	0.914	0.914	0.914
K6D2K_R	0.914	0.914	0.914	0.913
0.914				
K6D2L_R	0.915	0.915	0.915	0.914
0.914				
K6D2M_R	0.915	0.915	0.915	0.914
0.914				
K6D2O_R	0.914	0.914	0.914	0.913
0.913				
K6D2S_R	0.915	0.915	0.915	0.914
0.914				
K6D2V_R	0.915	0.915	0.915	0.914
0.914				
K6D2W_R	0.914	0.914	0.915	0.914
0.914				
K6D2Y_R	0.914	0.914	0.915	0.913
0.914				
K6D2AA_R	0.915	0.915	0.915	0.914
0.914				
K6D2AE_R	0.912	0.913	0.913	0.912
0.912				
K6D2AF_R	0.914	0.915	0.915	0.914
0.914				
K6D2AH_R	0.903	0.903	0.903	0.902
0.903				
P5Q3M	0.804	0.804	0.804	0.803
0.803				
P5Q3AB	0.803	0.803	0.804	0.802
0.803				
P5Q3AD	0.803	0.803	0.803	0.802
0.802				
P5Q3AF	0.804	0.804	0.804	0.803
0.804				
P5Q3AH	0.805	0.805	0.805	0.804

0.805				
P5Q3AR	0.805	0.805	0.805	0.804
0.804				
P5Q3AV	0.805	0.805	0.805	0.804
0.805				
P5Q3AX	0.805	0.805	0.806	0.805
0.805				
P5Q3BQ	0.804	0.804	0.804	0.803
0.804				
P5Q3CK	0.805	0.806	0.806	0.805
0.805				
P5Q3DB	0.794	0.794	0.795	0.794
0.794				
P5Q3E	0.800	0.800	0.801	0.800
0.800				
P5Q3A0	0.804	0.804	0.805	0.804
0.804				
P5Q3BK	0.804	0.804	0.804	0.803
0.803				
P5Q3B0	0.806	0.806	0.806	0.805
0.805				
P5Q3CU	0.805	0.805	0.805	0.804
0.805				
P5Q3DA	0.802	0.802	0.803	0.802
0.802				
P5Q3AS	0.805	0.805	0.805	0.804
0.804				
P5Q3AU	0.803	0.804	0.804	0.803
0.803				
P5Q3AZ	0.805	0.805	0.805	0.804
0.804				
P5Q3BB1	0.803	0.803	0.803	0.802
0.802				
P5Q3BB2	0.802	0.802	0.802	0.801
0.801				
P5Q3BB5	0.800	0.800	0.801	0.800
0.800				
P5Q3BB6	0.804	0.804	0.804	0.803
0.804				
P5Q3BB7	0.795	0.795	0.795	0.794
0.794				
P5Q3X	0.803	0.803	0.804	0.802
0.803				
P5Q3AA	0.804	0.804	0.805	0.804
0.804				
P5Q3AL	0.805	0.805	0.805	0.804
0.804				
P5Q3AP	0.805	0.805	0.806	0.805
0.805				
P5Q3BI	0.804	0.805	0.805	0.804

0.804				
P5Q3BZ	0.806	0.806	0.806	0.805
0.806				
P5Q3CJ	0.805	0.805	0.805	0.804
0.804				
P5Q3C	0.798	0.798	0.798	0.797
0.798				
P5Q30	0.803	0.804	0.804	0.803
0.803				
P5Q3R	0.805	0.805	0.805	0.804
0.804				
P5Q3S	0.805	0.805	0.805	0.804
0.804				
P5Q3T	0.804	0.805	0.805	0.804
0.804				
P5Q3U	0.804	0.804	0.805	0.804
0.804				
P5Q3V	0.798	0.799	0.799	0.798
0.798				
P5Q3AJ	0.805	0.805	0.805	0.804
0.805				
P5Q3BC	0.802	0.802	0.802	0.801
0.802				
P5Q3BN	0.805	0.806	0.806	0.805
0.805				
P5Q3CF	0.805	0.805	0.805	0.804
0.805				
P5Q3CG	0.805	0.805	0.805	0.804
0.804				
P5Q3CH	0.801	0.801	0.801	0.800
0.801				
P5Q3CI	0.804	0.805	0.805	0.804
0.804				
P5Q3CN	0.805	0.806	0.806	0.805
0.805				
P5Q3C0	0.805	0.806	0.806	0.805
0.805				
P5Q3CQ	0.805	0.806	0.806	0.805
0.805				
P5Q3CW	0.806	0.806	0.806	0.805
0.805				

	Covariance	Coverage		
K6D2V_R	K6D2L_R	K6D2M_R	K6D20_R	K6D2S_R
K6D2L_R	0.915			
K6D2M_R	0.915	0.915		

K6D20_R	0.914	0.914	0.914	
K6D2S_R	0.915	0.915	0.914	0.915
K6D2V_R	0.915	0.915	0.914	0.915
0.915				
K6D2W_R	0.915	0.915	0.914	0.915
0.915				
K6D2Y_R	0.915	0.915	0.914	0.915
0.915				
K6D2AA_R	0.915	0.915	0.914	0.915
0.915				
K6D2AE_R	0.913	0.913	0.912	0.913
0.913				
K6D2AF_R	0.915	0.915	0.914	0.915
0.915				
K6D2AH_R	0.903	0.903	0.903	0.903
0.903				
P5Q3M	0.804	0.804	0.804	0.804
0.804				
P5Q3AB	0.804	0.804	0.803	0.804
0.804				
P5Q3AD	0.803	0.803	0.803	0.803
0.803				
P5Q3AF	0.804	0.804	0.804	0.804
0.804				
P5Q3AH	0.805	0.805	0.805	0.805
0.805				
P5Q3AR	0.805	0.805	0.805	0.805
0.805				
P5Q3AV	0.805	0.805	0.805	0.805
0.805				
P5Q3AX	0.806	0.806	0.805	0.806
0.806				
P5Q3BQ	0.804	0.804	0.804	0.804
0.804				
P5Q3CK	0.806	0.806	0.805	0.806
0.806				
P5Q3DB	0.795	0.795	0.794	0.795
0.795				
P5Q3E	0.801	0.801	0.800	0.801
0.801				
P5Q3A0	0.805	0.805	0.804	0.805
0.805				
P5Q3BK	0.804	0.804	0.804	0.804
0.804				
P5Q3B0	0.806	0.806	0.806	0.806
0.806				
P5Q3CU	0.805	0.805	0.805	0.805
0.805				
P5Q3DA	0.803	0.803	0.802	0.803
0.803				

P5Q3AS	0.805	0.805	0.805	0.805
0.805				
P5Q3AU	0.804	0.804	0.803	0.804
0.804				
P5Q3AZ	0.805	0.805	0.805	0.805
0.805				
P5Q3BB1	0.803	0.803	0.803	0.803
0.803				
P5Q3BB2	0.802	0.802	0.802	0.802
0.802				
P5Q3BB5	0.801	0.801	0.800	0.801
0.801				
P5Q3BB6	0.804	0.804	0.804	0.804
0.804				
P5Q3BB7	0.795	0.795	0.795	0.795
0.795				
P5Q3X	0.804	0.804	0.803	0.804
0.804				
P5Q3AA	0.805	0.805	0.804	0.805
0.805				
P5Q3AL	0.805	0.805	0.805	0.805
0.805				
P5Q3AP	0.806	0.806	0.805	0.806
0.806				
P5Q3BI	0.805	0.805	0.804	0.805
0.805				
P5Q3BZ	0.806	0.806	0.806	0.806
0.806				
P5Q3CJ	0.805	0.805	0.805	0.805
0.805				
P5Q3C	0.798	0.798	0.798	0.798
0.798				
P5Q30	0.804	0.804	0.803	0.804
0.804				
P5Q3R	0.805	0.805	0.805	0.805
0.805				
P5Q3S	0.805	0.805	0.805	0.805
0.805				
P5Q3T	0.805	0.805	0.804	0.805
0.805				
P5Q3U	0.805	0.805	0.804	0.805
0.805				
P5Q3V	0.799	0.799	0.798	0.799
0.799				
P5Q3AJ	0.805	0.805	0.805	0.805
0.805				
P5Q3BC	0.802	0.802	0.802	0.802
0.802				
P5Q3BN	0.806	0.806	0.805	0.806
0.806				

P5Q3CF 0.805	0.805	0.805	0.805	0.805
P5Q3CG 0.805	0.805	0.805	0.805	0.805
P5Q3CH 0.801	0.801	0.801	0.801	0.801
P5Q3CI 0.805	0.805	0.805	0.804	0.805
P5Q3CN 0.806	0.806	0.806	0.805	0.806
P5Q3CO 0.806	0.806	0.806	0.805	0.806
P5Q3CQ 0.806	0.806	0.806	0.805	0.806
P5Q3CW 0.806	0.806	0.806	0.806	0.806

	Covariance Coverage			
	K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R
K6D2AF_R				
K6D2W_R	0.915			
K6D2Y_R	0.914	0.915		
K6D2AA_R	0.915	0.915	0.915	
K6D2AE_R	0.913	0.913	0.913	0.913
K6D2AF_R	0.914	0.914	0.915	0.913
0.915				
K6D2AH_R	0.903	0.903	0.903	0.901
0.903				
P5Q3M	0.804	0.804	0.804	0.802
0.804				
P5Q3AB	0.803	0.803	0.804	0.802
0.804				
P5Q3AD	0.803	0.803	0.803	0.801
0.803				
P5Q3AF	0.804	0.804	0.804	0.802
0.804				
P5Q3AH	0.805	0.805	0.805	0.804
0.805				
P5Q3AR	0.805	0.805	0.805	0.803
0.805				
P5Q3AV	0.805	0.805	0.805	0.804
0.805				
P5Q3AX	0.805	0.805	0.806	0.804
0.806				
P5Q3BQ	0.804	0.804	0.804	0.802
0.804				
P5Q3CK	0.805	0.806	0.806	0.804

0.806				
P5Q3DB	0.794	0.794	0.795	0.793
0.795				
P5Q3E	0.800	0.800	0.801	0.799
0.801				
P5Q3A0	0.804	0.804	0.805	0.803
0.805				
P5Q3BK	0.804	0.804	0.804	0.802
0.804				
P5Q3B0	0.806	0.806	0.806	0.804
0.806				
P5Q3CU	0.805	0.805	0.805	0.804
0.805				
P5Q3DA	0.802	0.802	0.803	0.801
0.803				
P5Q3AS	0.805	0.805	0.805	0.803
0.805				
P5Q3AU	0.803	0.804	0.804	0.802
0.804				
P5Q3AZ	0.805	0.805	0.805	0.803
0.805				
P5Q3BB1	0.803	0.803	0.803	0.801
0.803				
P5Q3BB2	0.802	0.802	0.802	0.800
0.802				
P5Q3BB5	0.800	0.800	0.801	0.799
0.801				
P5Q3BB6	0.804	0.804	0.804	0.802
0.804				
P5Q3BB7	0.795	0.795	0.795	0.793
0.795				
P5Q3X	0.803	0.803	0.804	0.802
0.804				
P5Q3AA	0.804	0.804	0.805	0.803
0.805				
P5Q3AL	0.805	0.805	0.805	0.803
0.805				
P5Q3AP	0.805	0.805	0.806	0.804
0.806				
P5Q3BI	0.804	0.805	0.805	0.803
0.805				
P5Q3BZ	0.806	0.806	0.806	0.805
0.806				
P5Q3CJ	0.805	0.805	0.805	0.803
0.805				
P5Q3C	0.798	0.798	0.798	0.797
0.798				
P5Q30	0.803	0.804	0.804	0.802
0.804				
P5Q3R	0.805	0.805	0.805	0.803

0.805				
P5Q3S	0.805	0.805	0.805	0.803
0.805				
P5Q3T	0.804	0.805	0.805	0.803
0.805				
P5Q3U	0.804	0.804	0.805	0.803
0.805				
P5Q3V	0.798	0.799	0.799	0.797
0.799				
P5Q3AJ	0.805	0.805	0.805	0.804
0.805				
P5Q3BC	0.802	0.802	0.802	0.801
0.802				
P5Q3BN	0.805	0.806	0.806	0.804
0.806				
P5Q3CF	0.805	0.805	0.805	0.804
0.805				
P5Q3CG	0.805	0.805	0.805	0.803
0.805				
P5Q3CH	0.801	0.801	0.801	0.800
0.801				
P5Q3CI	0.804	0.805	0.805	0.803
0.805				
P5Q3CN	0.805	0.806	0.806	0.804
0.806				
P5Q3C0	0.805	0.806	0.806	0.804
0.806				
P5Q3CQ	0.805	0.806	0.806	0.804
0.806				
P5Q3CW	0.806	0.806	0.806	0.804
0.806				

	Covariance Coverage			
	K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD
P5Q3AF				
<hr/>				
K6D2AH_R	0.903			
P5Q3M	0.793	0.884		
P5Q3AB	0.793	0.880	0.883	
P5Q3AD	0.792	0.880	0.880	0.884
P5Q3AF	0.793	0.882	0.882	0.882
0.885				
P5Q3AH	0.794	0.882	0.882	0.883
0.884				
P5Q3AR	0.794	0.882	0.882	0.883
0.884				
P5Q3AV	0.794	0.882	0.882	0.883
0.884				

P5Q3AX 0.884	0.795	0.882	0.883	0.883
P5Q3BQ 0.881	0.794	0.881	0.880	0.880
P5Q3CK 0.883	0.795	0.883	0.882	0.883
P5Q3DB 0.871	0.784	0.871	0.870	0.870
P5Q3E 0.878	0.790	0.879	0.876	0.876
P5Q3A0 0.883	0.794	0.881	0.882	0.882
P5Q3BK 0.881	0.793	0.880	0.879	0.880
P5Q3B0 0.883	0.795	0.882	0.882	0.882
P5Q3CU 0.883	0.794	0.882	0.882	0.882
P5Q3DA 0.880	0.792	0.880	0.879	0.879
P5Q3AS 0.883	0.794	0.882	0.882	0.882
P5Q3AU 0.882	0.793	0.880	0.880	0.880
P5Q3AZ 0.883	0.794	0.882	0.882	0.882
P5Q3BB1 0.881	0.792	0.880	0.880	0.880
P5Q3BB2 0.880	0.791	0.879	0.878	0.879
P5Q3BB5 0.879	0.790	0.877	0.877	0.878
P5Q3BB6 0.881	0.793	0.880	0.880	0.880
P5Q3BB7 0.872	0.784	0.871	0.871	0.872
P5Q3X 0.882	0.793	0.880	0.880	0.881
P5Q3AA 0.883	0.794	0.881	0.882	0.882
P5Q3AL 0.883	0.794	0.882	0.882	0.883
P5Q3AP 0.884	0.795	0.882	0.882	0.883
P5Q3BI 0.882	0.794	0.882	0.881	0.882
P5Q3BZ 0.884	0.796	0.883	0.883	0.883
P5Q3CJ 0.882	0.794	0.881	0.881	0.881

P5Q3C 0.875	0.788	0.877	0.874	0.875
P5Q30 0.881	0.793	0.883	0.879	0.880
P5Q3R 0.882	0.794	0.884	0.880	0.881
P5Q3S 0.883	0.794	0.884	0.881	0.881
P5Q3T 0.883	0.794	0.882	0.882	0.882
P5Q3U 0.883	0.794	0.881	0.882	0.882
P5Q3V 0.876	0.788	0.874	0.874	0.875
P5Q3AJ 0.884	0.794	0.882	0.883	0.883
P5Q3BC 0.880	0.792	0.879	0.879	0.879
P5Q3BN 0.884	0.795	0.883	0.882	0.883
P5Q3CF 0.882	0.794	0.882	0.881	0.881
P5Q3CG 0.883	0.794	0.882	0.882	0.882
P5Q3CH 0.878	0.790	0.878	0.876	0.877
P5Q3CI 0.882	0.794	0.881	0.880	0.881
P5Q3CN 0.883	0.795	0.883	0.882	0.883
P5Q3CO 0.883	0.795	0.883	0.882	0.882
P5Q3CQ 0.883	0.795	0.882	0.882	0.882
P5Q3CW 0.884	0.796	0.883	0.882	0.883

	Covariance Coverage			
	P5Q3AH	P5Q3AR	P5Q3AV	P5Q3AX
P5Q3BQ				
P5Q3AH	0.886			
P5Q3AR	0.884	0.886		
P5Q3AV	0.884	0.885	0.886	
P5Q3AX	0.885	0.885	0.885	0.886
P5Q3BQ 0.884	0.882	0.882	0.882	0.883
P5Q3CK	0.884	0.885	0.885	0.885

0.883				
P5Q3DB	0.872	0.872	0.872	0.872
0.871				
P5Q3E	0.878	0.878	0.878	0.879
0.877				
P5Q3A0	0.884	0.884	0.884	0.885
0.882				
P5Q3BK	0.882	0.882	0.882	0.882
0.881				
P5Q3B0	0.884	0.884	0.884	0.885
0.883				
P5Q3CU	0.884	0.884	0.884	0.885
0.883				
P5Q3DA	0.881	0.881	0.881	0.881
0.879				
P5Q3AS	0.884	0.884	0.884	0.884
0.882				
P5Q3AU	0.882	0.883	0.883	0.883
0.880				
P5Q3AZ	0.884	0.885	0.885	0.885
0.882				
P5Q3BB1	0.882	0.883	0.883	0.883
0.880				
P5Q3BB2	0.880	0.881	0.881	0.881
0.878				
P5Q3BB5	0.879	0.880	0.880	0.880
0.877				
P5Q3BB6	0.882	0.883	0.883	0.883
0.880				
P5Q3BB7	0.873	0.874	0.874	0.874
0.871				
P5Q3X	0.882	0.882	0.882	0.883
0.880				
P5Q3AA	0.884	0.884	0.884	0.884
0.882				
P5Q3AL	0.884	0.884	0.884	0.885
0.882				
P5Q3AP	0.884	0.884	0.884	0.885
0.882				
P5Q3BI	0.883	0.883	0.884	0.884
0.882				
P5Q3BZ	0.885	0.885	0.885	0.886
0.884				
P5Q3CJ	0.883	0.883	0.883	0.883
0.882				
P5Q3C	0.876	0.876	0.876	0.877
0.875				
P5Q30	0.882	0.882	0.882	0.882
0.880				
P5Q3R	0.883	0.883	0.883	0.883

0.882				
P5Q3S	0.883	0.883	0.883	0.884
0.882				
P5Q3T	0.884	0.884	0.884	0.884
0.882				
P5Q3U	0.884	0.884	0.884	0.884
0.882				
P5Q3V	0.877	0.876	0.877	0.877
0.874				
P5Q3AJ	0.885	0.885	0.885	0.885
0.883				
P5Q3BC	0.881	0.882	0.882	0.882
0.879				
P5Q3BN	0.884	0.885	0.885	0.885
0.883				
P5Q3CF	0.883	0.884	0.884	0.884
0.882				
P5Q3CG	0.883	0.884	0.884	0.884
0.882				
P5Q3CH	0.879	0.879	0.880	0.879
0.878				
P5Q3CI	0.883	0.883	0.883	0.883
0.881				
P5Q3CN	0.884	0.885	0.885	0.885
0.883				
P5Q3C0	0.884	0.885	0.885	0.885
0.883				
P5Q3CQ	0.884	0.884	0.885	0.885
0.883				
P5Q3CW	0.884	0.886	0.886	0.885
0.883				

	Covariance Coverage			
	P5Q3CK	P5Q3DB	P5Q3E	P5Q3A0
P5Q3BK				
P5Q3CK	0.887			
P5Q3DB	0.873	0.874		
P5Q3E	0.879	0.867	0.880	
P5Q3A0	0.884	0.871	0.878	0.885
P5Q3BK	0.883	0.870	0.876	0.881
0.884				
P5Q3B0	0.885	0.872	0.879	0.884
0.883				
P5Q3CU	0.885	0.872	0.879	0.883
0.882				
P5Q3DA	0.882	0.870	0.876	0.880
0.879				

P5Q3AS 0.881	0.884	0.871	0.878	0.884
P5Q3AU 0.880	0.883	0.870	0.876	0.883
P5Q3AZ 0.882	0.884	0.872	0.878	0.884
P5Q3BB1 0.879	0.882	0.870	0.876	0.882
P5Q3BB2 0.878	0.881	0.868	0.875	0.880
P5Q3BB5 0.877	0.880	0.867	0.874	0.879
P5Q3BB6 0.879	0.882	0.870	0.876	0.882
P5Q3BB7 0.871	0.874	0.861	0.867	0.873
P5Q3X 0.879	0.882	0.870	0.876	0.882
P5Q3AA 0.881	0.884	0.871	0.877	0.883
P5Q3AL 0.882	0.884	0.872	0.878	0.884
P5Q3AP 0.882	0.884	0.872	0.878	0.884
P5Q3BI 0.882	0.884	0.871	0.878	0.883
P5Q3BZ 0.883	0.886	0.873	0.879	0.884
P5Q3CJ 0.881	0.884	0.872	0.878	0.882
P5Q3C 0.875	0.877	0.865	0.873	0.876
P5Q30 0.880	0.882	0.870	0.879	0.881
P5Q3R 0.881	0.883	0.871	0.880	0.882
P5Q3S 0.881	0.884	0.872	0.880	0.883
P5Q3T 0.881	0.884	0.871	0.878	0.884
P5Q3U 0.881	0.884	0.871	0.878	0.883
P5Q3V 0.874	0.876	0.864	0.871	0.876
P5Q3AJ 0.882	0.885	0.872	0.879	0.885
P5Q3BC 0.879	0.881	0.869	0.875	0.881
P5Q3BN 0.883	0.885	0.872	0.879	0.884

P5Q3CF 0.882	0.884	0.872	0.878	0.883
P5Q3CG 0.882	0.885	0.872	0.878	0.883
P5Q3CH 0.878	0.880	0.868	0.874	0.879
P5Q3CI 0.881	0.884	0.871	0.877	0.882
P5Q3CN 0.883	0.886	0.873	0.879	0.884
P5Q3C0 0.883	0.886	0.872	0.879	0.884
P5Q3CQ 0.883	0.886	0.872	0.879	0.884
P5Q3CW 0.883	0.886	0.873	0.879	0.884

	Covariance Coverage			
	P5Q3B0	P5Q3CU	P5Q3DA	P5Q3AS
P5Q3AU				
P5Q3B0	0.886			
P5Q3CU	0.884	0.886		
P5Q3DA	0.882	0.881	0.883	
P5Q3AS	0.884	0.884	0.880	0.886
P5Q3AU	0.882	0.882	0.879	0.883
0.884				
P5Q3AZ	0.884	0.884	0.881	0.884
0.883				
P5Q3BB1	0.882	0.882	0.879	0.882
0.880				
P5Q3BB2	0.880	0.880	0.878	0.880
0.879				
P5Q3BB5	0.879	0.879	0.876	0.879
0.878				
P5Q3BB6	0.882	0.882	0.879	0.882
0.881				
P5Q3BB7	0.873	0.873	0.870	0.873
0.872				
P5Q3X	0.882	0.882	0.879	0.882
0.880				
P5Q3AA	0.883	0.883	0.880	0.883
0.882				
P5Q3AL	0.884	0.884	0.880	0.884
0.882				
P5Q3AP	0.884	0.884	0.881	0.884
0.882				
P5Q3BI	0.884	0.884	0.880	0.883

0.881				
P5Q3BZ	0.886	0.885	0.882	0.884
0.883				
P5Q3CJ	0.883	0.884	0.880	0.882
0.881				
P5Q3C	0.877	0.876	0.874	0.876
0.874				
P5Q30	0.882	0.882	0.879	0.881
0.880				
P5Q3R	0.883	0.883	0.880	0.882
0.881				
P5Q3S	0.884	0.884	0.881	0.883
0.881				
P5Q3T	0.883	0.883	0.880	0.883
0.882				
P5Q3U	0.883	0.884	0.880	0.883
0.882				
P5Q3V	0.876	0.876	0.873	0.876
0.874				
P5Q3AJ	0.884	0.884	0.881	0.885
0.883				
P5Q3BC	0.881	0.881	0.878	0.881
0.880				
P5Q3BN	0.885	0.885	0.882	0.884
0.883				
P5Q3CF	0.884	0.884	0.881	0.883
0.882				
P5Q3CG	0.884	0.885	0.881	0.883
0.882				
P5Q3CH	0.879	0.880	0.876	0.879
0.878				
P5Q3CI	0.883	0.883	0.880	0.882
0.881				
P5Q3CN	0.885	0.885	0.882	0.884
0.883				
P5Q3C0	0.885	0.885	0.882	0.884
0.883				
P5Q3CQ	0.885	0.885	0.881	0.884
0.883				
P5Q3CW	0.885	0.886	0.882	0.884
0.883				

	Covariance	Coverage		
P5Q3BB6	P5Q3AZ	P5Q3BB1	P5Q3BB2	P5Q3BB5
	_____	_____	_____	_____
P5Q3AZ	0.886			
P5Q3BB1	0.882	0.884		

P5Q3BB2	0.881	0.881	0.882	
P5Q3BB5	0.880	0.879	0.878	0.881
P5Q3BB6	0.882	0.882	0.880	0.879
0.884				
P5Q3BB7	0.874	0.873	0.872	0.871
0.874				
P5Q3X	0.882	0.880	0.878	0.877
0.880				
P5Q3AA	0.883	0.881	0.880	0.879
0.881				
P5Q3AL	0.884	0.882	0.880	0.879
0.882				
P5Q3AP	0.884	0.882	0.880	0.879
0.882				
P5Q3BI	0.883	0.881	0.879	0.878
0.881				
P5Q3BZ	0.885	0.883	0.881	0.880
0.883				
P5Q3CJ	0.883	0.880	0.879	0.878
0.880				
P5Q3C	0.876	0.874	0.872	0.872
0.874				
P5Q30	0.882	0.879	0.878	0.877
0.879				
P5Q3R	0.883	0.881	0.879	0.878
0.881				
P5Q3S	0.883	0.881	0.880	0.878
0.881				
P5Q3T	0.884	0.882	0.880	0.879
0.882				
P5Q3U	0.884	0.882	0.880	0.879
0.882				
P5Q3V	0.876	0.874	0.873	0.871
0.874				
P5Q3AJ	0.885	0.883	0.881	0.880
0.883				
P5Q3BC	0.882	0.879	0.878	0.877
0.880				
P5Q3BN	0.885	0.883	0.882	0.880
0.883				
P5Q3CF	0.883	0.881	0.880	0.878
0.881				
P5Q3CG	0.884	0.882	0.880	0.879
0.882				
P5Q3CH	0.879	0.877	0.875	0.874
0.877				
P5Q3CI	0.882	0.880	0.879	0.878
0.880				
P5Q3CN	0.884	0.882	0.880	0.879
0.882				

P5Q3C0 0.882	0.884	0.882	0.881	0.880
P5Q3CQ 0.882	0.884	0.882	0.880	0.879
P5Q3CW 0.883	0.885	0.883	0.881	0.880

	Covariance P5Q3BB7	Coverage P5Q3X	P5Q3AA	P5Q3AL
P5Q3AP				
P5Q3BB7	0.875			
P5Q3X	0.871	0.883		
P5Q3AA	0.872	0.882	0.885	
P5Q3AL	0.873	0.882	0.884	0.886
P5Q3AP 0.886	0.873	0.882	0.884	0.884
P5Q3BI 0.883	0.872	0.881	0.882	0.883
P5Q3BZ 0.885	0.874	0.883	0.884	0.885
P5Q3CJ 0.883	0.872	0.881	0.882	0.883
P5Q3C 0.876	0.865	0.874	0.875	0.876
P5Q30 0.882	0.871	0.880	0.881	0.882
P5Q3R 0.883	0.872	0.881	0.882	0.882
P5Q3S 0.883	0.872	0.881	0.882	0.883
P5Q3T 0.884	0.873	0.882	0.883	0.884
P5Q3U 0.884	0.873	0.882	0.883	0.884
P5Q3V 0.876	0.866	0.874	0.876	0.876
P5Q3AJ 0.885	0.874	0.883	0.884	0.885
P5Q3BC 0.881	0.871	0.879	0.880	0.881
P5Q3BN 0.884	0.874	0.882	0.884	0.884
P5Q3CF 0.883	0.872	0.881	0.882	0.883
P5Q3CG 0.884	0.873	0.881	0.883	0.883
P5Q3CH	0.868	0.876	0.878	0.879

0.879				
P5Q3CI	0.871	0.880	0.882	0.882
0.882				
P5Q3CN	0.873	0.882	0.884	0.884
0.884				
P5Q3C0	0.874	0.882	0.883	0.884
0.884				
P5Q3CQ	0.873	0.882	0.883	0.884
0.884				
P5Q3CW	0.874	0.882	0.884	0.884
0.885				

	Covariance Coverage			
	P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C
P5Q30				
P5Q3BI	0.886			
P5Q3BZ	0.885	0.887		
P5Q3CJ	0.882	0.884	0.885	
P5Q3C	0.876	0.878	0.875	0.879
P5Q30	0.881	0.883	0.881	0.877
0.884				
P5Q3R	0.882	0.884	0.882	0.878
0.883				
P5Q3S	0.883	0.884	0.883	0.878
0.884				
P5Q3T	0.883	0.884	0.882	0.876
0.881				
P5Q3U	0.883	0.884	0.882	0.875
0.881				
P5Q3V	0.875	0.877	0.875	0.868
0.874				
P5Q3AJ	0.884	0.885	0.883	0.876
0.882				
P5Q3BC	0.880	0.882	0.879	0.874
0.878				
P5Q3BN	0.884	0.886	0.884	0.877
0.883				
P5Q3CF	0.883	0.884	0.883	0.876
0.882				
P5Q3CG	0.883	0.885	0.883	0.876
0.882				
P5Q3CH	0.879	0.880	0.879	0.872
0.877				
P5Q3CI	0.882	0.884	0.883	0.875
0.880				
P5Q3CN	0.884	0.886	0.884	0.877
0.882				

P5Q3C0 0.882	0.884	0.886	0.884	0.877
P5Q3CQ 0.882	0.884	0.886	0.884	0.877
P5Q3CW 0.883	0.884	0.886	0.884	0.878

	Covariance Coverage			
P5Q3V	P5Q3R	P5Q3S	P5Q3T	P5Q3U
P5Q3R	0.885			
P5Q3S	0.885	0.886		
P5Q3T	0.883	0.883	0.885	
P5Q3U	0.882	0.883	0.883	0.885
P5Q3V 0.878	0.875	0.875	0.876	0.876
P5Q3AJ 0.877	0.883	0.884	0.884	0.884
P5Q3BC 0.873	0.880	0.880	0.880	0.880
P5Q3BN 0.877	0.884	0.884	0.884	0.884
P5Q3CF 0.876	0.883	0.883	0.883	0.882
P5Q3CG 0.876	0.883	0.883	0.883	0.883
P5Q3CH 0.871	0.878	0.879	0.879	0.879
P5Q3CI 0.875	0.882	0.882	0.882	0.882
P5Q3CN 0.876	0.883	0.884	0.884	0.884
P5Q3C0 0.876	0.884	0.884	0.884	0.884
P5Q3CQ 0.876	0.883	0.884	0.884	0.883
P5Q3CW 0.877	0.884	0.884	0.884	0.884

	Covariance Coverage			
P5Q3CG	P5Q3AJ	P5Q3BC	P5Q3BN	P5Q3CF
P5Q3AJ	0.886			
P5Q3BC	0.882	0.883		

P5Q3BN	0.885	0.882	0.887	
P5Q3CF	0.883	0.880	0.884	0.886
P5Q3CG	0.884	0.881	0.885	0.884
0.886				
P5Q3CH	0.880	0.876	0.880	0.879
0.880				
P5Q3CI	0.883	0.879	0.883	0.883
0.883				
P5Q3CN	0.885	0.881	0.885	0.884
0.885				
P5Q3C0	0.885	0.881	0.885	0.884
0.885				
P5Q3CQ	0.884	0.881	0.885	0.884
0.885				
P5Q3CW	0.885	0.882	0.886	0.885
0.886				

	Covariance P5Q3CH	Covariance P5Q3CI	Covariance P5Q3CN	Covariance P5Q3C0
P5Q3CQ				
P5Q3CH	0.881			
P5Q3CI	0.879	0.885		
P5Q3CN	0.880	0.884	0.887	
P5Q3C0	0.880	0.884	0.886	0.887
P5Q3CQ	0.880	0.883	0.886	0.886
0.886				
P5Q3CW	0.881	0.884	0.886	0.886
0.886				

	Covariance P5Q3CW
P5Q3CW	0.887

UNIVARIATE PROPORTIONS AND COUNTS FOR CATEGORICAL VARIABLES

K6B1A_R		
Category 1	0.046	157.000
Category 2	0.079	269.000
Category 3	0.400	1353.000
Category 4	0.475	1607.000
K6B1B_R		
Category 1	0.037	126.000
Category 2	0.071	239.000
Category 3	0.329	1115.000

Category 4	0.563	1904.000
K6B1C_R		
Category 1	0.056	189.000
Category 2	0.059	201.000
Category 3	0.313	1058.000
Category 4	0.572	1936.000
K6B1D_R		
Category 1	0.025	83.000
Category 2	0.039	131.000
Category 3	0.233	789.000
Category 4	0.704	2380.000
K5E1A		
Category 1	0.096	315.000
Category 2	0.088	288.000
Category 3	0.080	264.000
Category 4	0.147	484.000
Category 5	0.589	1936.000
K5E1B		
Category 1	0.129	427.000
Category 2	0.104	344.000
Category 3	0.100	332.000
Category 4	0.178	589.000
Category 5	0.488	1613.000
K5E1C		
Category 1	0.092	307.000
Category 2	0.072	239.000
Category 3	0.085	282.000
Category 4	0.156	519.000
Category 5	0.595	1978.000
K5E1D		
Category 1	0.062	207.000
Category 2	0.044	145.000
Category 3	0.049	162.000
Category 4	0.107	353.000
Category 5	0.738	2445.000
K6D2AG_R		
Category 1	0.555	1906.000
Category 2	0.192	659.000
Category 3	0.202	695.000
Category 4	0.051	174.000
K6D2AI_R		
Category 1	0.575	1972.000
Category 2	0.191	654.000
Category 3	0.162	554.000
Category 4	0.073	250.000
K6D2D_R		
Category 1	0.594	2032.000
Category 2	0.186	635.000
Category 3	0.164	562.000
Category 4	0.056	192.000

K6D2J_R		
Category 1	0.314	1062.000
Category 2	0.271	919.000
Category 3	0.331	1122.000
Category 4	0.084	283.000
K6D2T_R		
Category 1	0.646	2218.000
Category 2	0.144	495.000
Category 3	0.153	527.000
Category 4	0.057	195.000
K6D2AC_R		
Category 1	0.690	2370.000
Category 2	0.134	461.000
Category 3	0.138	473.000
Category 4	0.038	129.000
K6D2AK_R		
Category 1	0.495	1698.000
Category 2	0.203	697.000
Category 3	0.219	750.000
Category 4	0.084	287.000
K6D2C_R		
Category 1	0.394	1338.000
Category 2	0.188	637.000
Category 3	0.304	1033.000
Category 4	0.114	388.000
K6D2N_R		
Category 1	0.585	2007.000
Category 2	0.199	683.000
Category 3	0.174	598.000
Category 4	0.042	143.000
K6D2X_R		
Category 1	0.844	2898.000
Category 2	0.078	268.000
Category 3	0.061	211.000
Category 4	0.016	55.000
K6D2A_R		
Category 1	0.177	608.000
Category 2	0.188	646.000
Category 3	0.457	1570.000
Category 4	0.178	611.000
K6D2P_R		
Category 1	0.259	891.000
Category 2	0.220	755.000
Category 3	0.373	1282.000
Category 4	0.147	506.000
K6D2R_R		
Category 1	0.177	609.000
Category 2	0.242	829.000
Category 3	0.437	1498.000
Category 4	0.144	495.000

K6D2Z_R		
Category 1	0.192	658.000
Category 2	0.206	707.000
Category 3	0.447	1535.000
Category 4	0.155	532.000
K6D2AB_R		
Category 1	0.208	715.000
Category 2	0.222	761.000
Category 3	0.370	1271.000
Category 4	0.200	687.000
K6D2AJ_R		
Category 1	0.409	1403.000
Category 2	0.199	685.000
Category 3	0.269	924.000
Category 4	0.123	422.000
K6D61C		
Category 1	0.919	3151.000
Category 2	0.065	224.000
Category 3	0.008	29.000
Category 4	0.007	24.000
K6D61D		
Category 1	0.750	2569.000
Category 2	0.189	646.000
Category 3	0.036	124.000
Category 4	0.026	88.000
K6D61E		
Category 1	0.905	3098.000
Category 2	0.077	265.000
Category 3	0.011	38.000
Category 4	0.007	24.000
K6D61K		
Category 1	0.911	3120.000
Category 2	0.074	252.000
Category 3	0.008	26.000
Category 4	0.008	28.000
K6D61L		
Category 1	0.875	2998.000
Category 2	0.101	345.000
Category 3	0.014	48.000
Category 4	0.011	37.000
K6D61M		
Category 1	0.731	2501.000
Category 2	0.203	696.000
Category 3	0.036	123.000
Category 4	0.030	101.000
K6D40_R		
Category 1	0.946	3244.000
Category 2	0.054	185.000
K6D48_R		
Category 1	0.830	2845.000

Category 2	0.170	583.000
K6F63_R		
Category 1	0.783	2680.000
Category 2	0.217	743.000
K6F68_R		
Category 1	0.984	3367.000
Category 2	0.016	55.000
K6F74_R		
Category 1	0.979	3352.000
Category 2	0.021	71.000
K6D2B_R		
Category 1	0.020	67.000
Category 2	0.029	100.000
Category 3	0.202	695.000
Category 4	0.749	2573.000
K6D2F_R		
Category 1	0.030	103.000
Category 2	0.052	178.000
Category 3	0.361	1241.000
Category 4	0.557	1914.000
K6D2G_R		
Category 1	0.015	51.000
Category 2	0.013	43.000
Category 3	0.150	517.000
Category 4	0.822	2826.000
K6D2I_R		
Category 1	0.029	99.000
Category 2	0.081	278.000
Category 3	0.444	1524.000
Category 4	0.446	1532.000
K6D2K_R		
Category 1	0.021	71.000
Category 2	0.068	233.000
Category 3	0.429	1474.000
Category 4	0.482	1656.000
K6D2L_R		
Category 1	0.006	20.000
Category 2	0.010	34.000
Category 3	0.096	330.000
Category 4	0.888	3053.000
K6D2M_R		
Category 1	0.012	41.000
Category 2	0.044	152.000
Category 3	0.443	1524.000
Category 4	0.500	1720.000
K6D2O_R		
Category 1	0.067	231.000
Category 2	0.052	177.000
Category 3	0.275	946.000
Category 4	0.606	2080.000

K6D2S_R		
Category 1	0.015	51.000
Category 2	0.038	131.000
Category 3	0.289	993.000
Category 4	0.658	2262.000
K6D2V_R		
Category 1	0.009	31.000
Category 2	0.021	73.000
Category 3	0.352	1210.000
Category 4	0.618	2123.000
K6D2W_R		
Category 1	0.017	59.000
Category 2	0.058	200.000
Category 3	0.356	1223.000
Category 4	0.569	1953.000
K6D2Y_R		
Category 1	0.017	57.000
Category 2	0.033	114.000
Category 3	0.201	689.000
Category 4	0.750	2575.000
K6D2AA_R		
Category 1	0.015	52.000
Category 2	0.036	123.000
Category 3	0.283	974.000
Category 4	0.666	2288.000
K6D2AE_R		
Category 1	0.031	105.000
Category 2	0.092	314.000
Category 3	0.499	1710.000
Category 4	0.379	1300.000
K6D2AF_R		
Category 1	0.012	41.000
Category 2	0.015	52.000
Category 3	0.180	618.000
Category 4	0.793	2725.000
K6D2AH_R		
Category 1	0.030	103.000
Category 2	0.039	131.000
Category 3	0.326	1106.000
Category 4	0.605	2053.000
P5Q3M		
Category 1	0.830	2757.000
Category 2	0.147	488.000
Category 3	0.023	77.000
P5Q3AB		
Category 1	0.686	2277.000
Category 2	0.284	943.000
Category 3	0.030	98.000
P5Q3AD		
Category 1	0.858	2849.000

Category 2	0.126	418.000
Category 3	0.016	53.000
P5Q3AF		
Category 1	0.885	2941.000
Category 2	0.105	349.000
Category 3	0.010	34.000
P5Q3AH		
Category 1	0.946	3145.000
Category 2	0.048	160.000
Category 3	0.006	21.000
P5Q3AR		
Category 1	0.903	3005.000
Category 2	0.087	289.000
Category 3	0.011	35.000
P5Q3AV		
Category 1	0.881	2933.000
Category 2	0.107	356.000
Category 3	0.012	40.000
P5Q3AX		
Category 1	0.944	3143.000
Category 2	0.052	172.000
Category 3	0.004	14.000
P5Q3BQ		
Category 1	0.607	2015.000
Category 2	0.362	1202.000
Category 3	0.032	105.000
P5Q3CK		
Category 1	0.979	3261.000
Category 2	0.016	54.000
Category 3	0.005	15.000
P5Q3DB		
Category 1	0.677	2223.000
Category 2	0.291	956.000
Category 3	0.032	104.000
P5Q3E		
Category 1	0.848	2804.000
Category 2	0.126	416.000
Category 3	0.026	87.000
P5Q3A0		
Category 1	0.844	2806.000
Category 2	0.138	460.000
Category 3	0.018	59.000
P5Q3BK		
Category 1	0.886	2942.000
Category 2	0.105	348.000
Category 3	0.009	30.000
P5Q3B0		
Category 1	0.806	2682.000
Category 2	0.180	598.000
Category 3	0.015	49.000

P5Q3CU		
Category 1	0.916	3050.000
Category 2	0.072	241.000
Category 3	0.011	38.000
P5Q3DA		
Category 1	0.909	3017.000
Category 2	0.084	280.000
Category 3	0.006	21.000
P5Q3AS		
Category 1	0.775	2579.000
Category 2	0.216	720.000
Category 3	0.008	27.000
P5Q3AU		
Category 1	0.921	3058.000
Category 2	0.069	229.000
Category 3	0.010	34.000
P5Q3AZ		
Category 1	0.932	3103.000
Category 2	0.059	197.000
Category 3	0.008	28.000
P5Q3BB1		
Category 1	0.907	3010.000
Category 2	0.085	281.000
Category 3	0.009	29.000
P5Q3BB2		
Category 1	0.815	2701.000
Category 2	0.170	562.000
Category 3	0.015	51.000
P5Q3BB5		
Category 1	0.861	2851.000
Category 2	0.114	378.000
Category 3	0.024	81.000
P5Q3BB6		
Category 1	0.873	2899.000
Category 2	0.119	394.000
Category 3	0.008	27.000
P5Q3BB7		
Category 1	0.946	3110.000
Category 2	0.047	155.000
Category 3	0.007	22.000
P5Q3X		
Category 1	0.777	2579.000
Category 2	0.194	643.000
Category 3	0.029	96.000
P5Q3AA		
Category 1	0.561	1864.000
Category 2	0.411	1367.000
Category 3	0.028	93.000
P5Q3AL		
Category 1	0.888	2953.000

Category 2	0.104	346.000
Category 3	0.008	27.000
P5Q3AP		
Category 1	0.702	2336.000
Category 2	0.280	932.000
Category 3	0.018	59.000
P5Q3BI		
Category 1	0.599	1992.000
Category 2	0.345	1148.000
Category 3	0.056	186.000
P5Q3BZ		
Category 1	0.956	3187.000
Category 2	0.035	116.000
Category 3	0.009	29.000
P5Q3CJ		
Category 1	0.934	3105.000
Category 2	0.060	198.000
Category 3	0.006	21.000
P5Q3C		
Category 1	0.507	1673.000
Category 2	0.400	1319.000
Category 3	0.093	308.000
P5Q30		
Category 1	0.868	2882.000
Category 2	0.116	384.000
Category 3	0.016	54.000
P5Q3R		
Category 1	0.602	2000.000
Category 2	0.316	1052.000
Category 3	0.082	273.000
P5Q3S		
Category 1	0.848	2821.000
Category 2	0.126	420.000
Category 3	0.026	85.000
P5Q3T		
Category 1	0.844	2805.000
Category 2	0.140	466.000
Category 3	0.016	54.000
P5Q3U		
Category 1	0.531	1765.000
Category 2	0.440	1462.000
Category 3	0.029	98.000
P5Q3V		
Category 1	0.715	2358.000
Category 2	0.262	863.000
Category 3	0.023	76.000
P5Q3AJ		
Category 1	0.915	3047.000
Category 2	0.073	242.000
Category 3	0.012	40.000

P5Q3BC		
Category 1	0.946	3137.000
Category 2	0.046	153.000
Category 3	0.008	26.000
P5Q3BN		
Category 1	0.821	2736.000
Category 2	0.156	518.000
Category 3	0.023	77.000
P5Q3CF		
Category 1	0.683	2271.000
Category 2	0.288	958.000
Category 3	0.029	97.000
P5Q3CG		
Category 1	0.729	2426.000
Category 2	0.250	832.000
Category 3	0.021	71.000
P5Q3CH		
Category 1	0.863	2858.000
Category 2	0.125	414.000
Category 3	0.011	38.000
P5Q3CI		
Category 1	0.902	2997.000
Category 2	0.091	302.000
Category 3	0.007	24.000
P5Q3CN		
Category 1	0.829	2761.000
Category 2	0.156	521.000
Category 3	0.014	48.000
P5Q3C0		
Category 1	0.710	2366.000
Category 2	0.244	814.000
Category 3	0.045	151.000
P5Q3CQ		
Category 1	0.955	3178.000
Category 2	0.039	131.000
Category 3	0.006	20.000
P5Q3CW		
Category 1	0.785	2618.000
Category 2	0.183	609.000
Category 3	0.032	106.000

SAMPLE STATISTICS

ESTIMATED SAMPLE STATISTICS

MEANS/INTERCEPTS/THRESHOLDS

K6B1A_R\$	K6B1A_R\$	K6B1A_R\$	K6B1B_R\$
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K6B1B_R\$				
-1.238	-1.681	-1.146	0.064	-1.784
	MEANS/INTERCEPTS/THRESHOLDS			
K6B1D_R\$	K6B1B_R\$	K6B1C_R\$	K6B1C_R\$	K6B1C_R\$
-1.968	-0.158	-1.591	-1.199	-0.182
	MEANS/INTERCEPTS/THRESHOLDS			
K5E1A\$3	K6B1D_R\$	K6B1D_R\$	K5E1A\$1	K5E1A\$2
-0.632	-1.528	-0.535	-1.306	-0.902
	MEANS/INTERCEPTS/THRESHOLDS			
K5E1B\$4	K5E1A\$4	K5E1B\$1	K5E1B\$2	K5E1B\$3
0.030	-0.225	-1.130	-0.728	-0.430
	MEANS/INTERCEPTS/THRESHOLDS			
K5E1D\$1	K5E1C\$1	K5E1C\$2	K5E1C\$3	K5E1C\$4
-1.534	-1.327	-0.977	-0.678	-0.240
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AG_R	K5E1D\$2	K5E1D\$3	K5E1D\$4	K6D2AG_R
0.665	-1.247	-1.014	-0.638	0.138

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2AG_R	K6D2AI_R	K6D2AI_R	K6D2AI_R
K6D2D_R\$				
0.238	1.638	0.189	0.724	1.455

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2D_R\$	K6D2D_R\$	K6D2J_R\$	K6D2J_R\$
K6D2J_R\$				
1.381	0.771	1.588	-0.486	0.215

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2T_R\$	K6D2T_R\$	K6D2T_R\$	K6D2AC_R
K6D2AC_R				
0.933	0.374	0.806	1.582	0.497

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2AC_R	K6D2AK_R	K6D2AK_R	K6D2AK_R
K6D2C_R\$				
-0.269	1.780	-0.013	0.518	1.381

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2C_R\$	K6D2C_R\$	K6D2N_R\$	K6D2N_R\$
K6D2N_R\$				
1.732	0.206	1.204	0.215	0.786

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2X_R\$	K6D2X_R\$	K6D2X_R\$	K6D2A_R\$
K6D2A_R\$				

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-0.345	1.013	1.422	2.144	-0.927
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2R_R\$	K6D2A_R\$	K6D2P_R\$	K6D2P_R\$	K6D2P_R\$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
-0.925	0.923	-0.645	-0.052	1.048
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2Z_R\$	K6D2R_R\$	K6D2R_R\$	K6D2Z_R\$	K6D2Z_R\$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
1.015	-0.204	1.061	-0.872	-0.259
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AJ_R	K6D2AB_R	K6D2AB_R	K6D2AB_R	K6D2AJ_R
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0.274	-0.813	-0.177	0.841	-0.231
	MEANS/INTERCEPTS/THRESHOLDS			
K6D61D\$1	K6D2AJ_R	K6D61C\$1	K6D61C\$2	K6D61C\$3
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0.673	1.161	1.400	2.158	2.457
	MEANS/INTERCEPTS/THRESHOLDS			
K6D61E\$3	K6D61D\$2	K6D61D\$3	K6D61E\$1	K6D61E\$2
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
2.457	1.539	1.948	1.308	2.095

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D61K\$1	K6D61K\$2	K6D61K\$3	K6D61L\$1
K6D61L\$2				
1.963	1.345	2.150	2.401	1.148

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D61L\$3	K6D61M\$1	K6D61M\$2	K6D61M\$3
K6D40_R\$				
1.608	2.298	0.616	1.510	1.888

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D48_R\$	K6F63_R\$	K6F68_R\$	K6F74_R\$
K6D2B_R\$				
-2.064	0.954	0.782	2.143	2.039

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2B_R\$	K6D2B_R\$	K6D2F_R\$	K6D2F_R\$
K6D2F_R\$				
-0.143	-1.658	-0.672	-1.881	-1.393

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2G_R\$	K6D2G_R\$	K6D2G_R\$	K6D2I_R\$
K6D2I_R\$				
-1.228	-2.174	-1.921	-0.924	-1.898

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

_____	0.135	-2.040	-1.350	0.045
-2.523				
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2M_R\$	K6D2L_R\$	K6D2L_R\$	K6D2M_R\$	K6D2M_R\$
_____	_____	_____	_____	_____
-0.001	-2.152	-1.217	-2.259	-1.588
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2S_R\$	K6D20_R\$	K6D20_R\$	K6D20_R\$	K6D2S_R\$
_____	_____	_____	_____	_____
-1.617	-1.496	-1.181	-0.268	-2.174
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2W_R\$	K6D2S_R\$	K6D2V_R\$	K6D2V_R\$	K6D2V_R\$
_____	_____	_____	_____	_____
-2.116	-0.407	-2.365	-1.877	-0.299
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2Y_R\$	K6D2W_R\$	K6D2W_R\$	K6D2Y_R\$	K6D2Y_R\$
_____	_____	_____	_____	_____
-0.673	-1.437	-0.173	-2.130	-1.647
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AE_R	K6D2AA_R	K6D2AA_R	K6D2AA_R	K6D2AE_R
_____	_____	_____	_____	_____
-1.164	-2.167	-1.636	-0.428	-1.872

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AH_R	K6D2AE_R	K6D2AF_R	K6D2AF_R	K6D2AF_R
_____	_____	_____	_____	_____
-1.876	0.308	-2.259	-1.926	-0.817

	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3AB\$1	K6D2AH_R	K6D2AH_R	P5Q3M\$1	P5Q3M\$2
_____	_____	_____	_____	_____
0.485	-1.484	-0.266	0.954	1.992

	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3AF\$2	P5Q3AB\$2	P5Q3AD\$1	P5Q3AD\$2	P5Q3AF\$1
_____	_____	_____	_____	_____
2.318	1.888	1.072	2.145	1.199

	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3AV\$1	P5Q3AH\$1	P5Q3AH\$2	P5Q3AR\$1	P5Q3AR\$2
_____	_____	_____	_____	_____
1.180	1.603	2.494	1.297	2.307

	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3BQ\$2	P5Q3AV\$2	P5Q3AX\$1	P5Q3AX\$2	P5Q3BQ\$1
_____	_____	_____	_____	_____
1.858	2.257	1.590	2.635	0.270

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

1.027	2.039	2.612	0.460	1.857
P5Q3BK\$2	MEANS/INTERCEPTS/THRESHOLDS P5Q3E\$2	P5Q3A0\$1	P5Q3A0\$2	P5Q3BK\$1
2.364	1.938	1.011	2.103	1.206
P5Q3DA\$1	MEANS/INTERCEPTS/THRESHOLDS P5Q3B0\$1	P5Q3B0\$2	P5Q3CU\$1	P5Q3CU\$2
1.336	0.862	2.178	1.380	2.276
P5Q3AU\$2	MEANS/INTERCEPTS/THRESHOLDS P5Q3DA\$2	P5Q3AS\$1	P5Q3AS\$2	P5Q3AU\$1
2.318	2.493	0.757	2.404	1.411
P5Q3BB2\$	MEANS/INTERCEPTS/THRESHOLDS P5Q3AZ\$1	P5Q3AZ\$2	P5Q3BB1\$	P5Q3BB1\$
0.897	1.494	2.390	1.320	2.377
P5Q3BB6\$	MEANS/INTERCEPTS/THRESHOLDS P5Q3BB2\$	P5Q3BB5\$	P5Q3BB5\$	P5Q3BB6\$
2.403	2.160	1.086	1.969	1.142

MEANS/INTERCEPTS/THRESHOLDS

P5Q3AA\$1	P5Q3BB7\$	P5Q3BB7\$	P5Q3X\$1	P5Q3X\$2
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0.153	1.609	2.473	0.763	1.897
MEANS/INTERCEPTS/THRESHOLDS				
P5Q3AP\$2	P5Q3AA\$2	P5Q3AL\$1	P5Q3AL\$2	P5Q3AP\$1
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
2.103	1.911	1.215	2.404	0.531
MEANS/INTERCEPTS/THRESHOLDS				
P5Q3CJ\$1	P5Q3BI\$1	P5Q3BI\$2	P5Q3BZ\$1	P5Q3BZ\$2
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
1.507	0.251	1.590	1.711	2.378
MEANS/INTERCEPTS/THRESHOLDS				
P5Q30\$2	P5Q3CJ\$2	P5Q3C\$1	P5Q3C\$2	P5Q30\$1
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
2.138	2.494	0.017	1.321	1.117
MEANS/INTERCEPTS/THRESHOLDS				
P5Q3T\$1	P5Q3R\$1	P5Q3R\$2	P5Q3S\$1	P5Q3S\$2
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
1.009	0.257	1.391	1.029	1.951
MEANS/INTERCEPTS/THRESHOLDS				
P5Q3V\$2	P5Q3T\$2	P5Q3U\$1	P5Q3U\$2	P5Q3V\$1
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	2.138	0.077	1.889	0.569

1.994

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AJ\$1	P5Q3AJ\$2	P5Q3BC\$1	P5Q3BC\$2
P5Q3BN\$1				
	<hr/>	<hr/>	<hr/>	<hr/>
	1.374	2.257	1.607	2.416
0.921				

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3BN\$2	P5Q3CF\$1	P5Q3CF\$2	P5Q3CG\$1
P5Q3CG\$2				
	<hr/>	<hr/>	<hr/>	<hr/>
	1.993	0.476	1.893	0.609
2.027				

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CH\$1	P5Q3CH\$2	P5Q3CI\$1	P5Q3CI\$2
P5Q3CN\$1				
	<hr/>	<hr/>	<hr/>	<hr/>
	1.096	2.274	1.292	2.446
0.951				

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CN\$2	P5Q3C0\$1	P5Q3C0\$2	P5Q3CQ\$1
P5Q3CQ\$2				
	<hr/>	<hr/>	<hr/>	<hr/>
	2.186	0.554	1.692	1.692
2.512				

MEANS/INTERCEPTS/THRESHOLDS	
P5Q3CW\$1	P5Q3CW\$2
<hr/>	<hr/>
0.791	1.855

	CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)			
	K6B1A_R	K6B1B_R	K6B1C_R	K6B1D_R
K5E1A				
	<hr/>	<hr/>	<hr/>	<hr/>

K6B1A_R				
K6B1B_R	0.553			
K6B1C_R	0.521	0.580		
K6B1D_R	0.423	0.450	0.481	
K5E1A	0.073	0.100	0.074	0.063
K5E1B	0.112	0.143	0.085	0.059
0.489				
K5E1C	0.140	0.129	0.145	0.088
0.506				
K5E1D	0.148	0.065	0.129	0.127
0.470				
K6D2AG_R	-0.181	-0.243	-0.194	-0.184
-0.064				
K6D2AI_R	-0.105	-0.166	-0.132	-0.162
-0.028				
K6D2D_R	-0.116	-0.191	-0.175	-0.197
-0.053				
K6D2J_R	-0.118	-0.147	-0.156	-0.170
-0.075				
K6D2T_R	-0.155	-0.187	-0.200	-0.172
-0.046				
K6D2AC_R	-0.302	-0.307	-0.330	-0.280
-0.078				
K6D2AK_R	-0.093	-0.149	-0.164	-0.166
-0.075				
K6D2C_R	-0.147	-0.171	-0.180	-0.176
-0.062				
K6D2N_R	-0.216	-0.283	-0.286	-0.250
-0.083				
K6D2X_R	-0.228	-0.268	-0.270	-0.251
-0.116				
K6D2A_R	-0.056	-0.108	-0.098	-0.106
-0.031				
K6D2P_R	-0.097	-0.129	-0.213	-0.094
-0.036				
K6D2R_R	-0.091	-0.109	-0.143	-0.125
-0.053				
K6D2Z_R	-0.057	-0.075	-0.104	-0.091
-0.047				
K6D2AB_R	-0.051	-0.088	-0.177	-0.089
-0.029				
K6D2AJ_R	-0.121	-0.173	-0.225	-0.159
-0.059				
K6D61C	-0.200	-0.228	-0.198	-0.226
-0.051				
K6D61D	-0.183	-0.178	-0.217	-0.212
-0.071				
K6D61E	-0.162	-0.167	-0.211	-0.183
-0.083				
K6D61K	-0.172	-0.217	-0.212	-0.185

-0.072				
K6D61L	-0.093	-0.133	-0.142	-0.194
-0.047				
K6D61M	-0.074	-0.173	-0.172	-0.125
-0.041				
K6D40_R	-0.173	-0.230	-0.248	-0.083
-0.106				
K6D48_R	-0.103	-0.163	-0.191	-0.116
-0.032				
K6F63_R	-0.190	-0.213	-0.282	-0.167
-0.086				
K6F68_R	-0.168	-0.133	-0.201	-0.065
-0.038				
K6F74_R	-0.143	-0.137	-0.174	-0.188
-0.086				
K6D2B_R	0.307	0.360	0.358	0.322
0.063				
K6D2F_R	0.313	0.327	0.318	0.212
0.100				
K6D2G_R	0.375	0.269	0.253	0.247
0.058				
K6D2I_R	0.123	0.230	0.253	0.130
0.029				
K6D2K_R	0.148	0.224	0.170	0.093
0.067				
K6D2L_R	0.332	0.337	0.360	0.356
0.104				
K6D2M_R	0.142	0.235	0.230	0.113
0.051				
K6D20_R	0.178	0.211	0.173	0.189
0.056				
K6D2S_R	0.333	0.383	0.392	0.313
0.122				
K6D2V_R	0.167	0.245	0.208	0.154
0.073				
K6D2W_R	0.144	0.242	0.227	0.180
0.065				
K6D2Y_R	0.263	0.291	0.284	0.290
0.087				
K6D2AA_R	0.375	0.382	0.324	0.283
0.081				
K6D2AE_R	0.136	0.153	0.150	0.126
0.040				
K6D2AF_R	0.292	0.282	0.258	0.262
0.052				
K6D2AH_R	0.156	0.196	0.180	0.142
0.088				
P5Q3M	-0.123	-0.089	-0.129	-0.129
-0.110				
P5Q3AB	-0.041	-0.050	-0.047	-0.070

-0.030				
P5Q3AD	0.031	-0.048	0.004	-0.046
-0.034				
P5Q3AF	-0.017	-0.110	-0.130	-0.122
-0.052				
P5Q3AH	-0.045	-0.030	-0.132	-0.034
-0.070				
P5Q3AR	-0.020	-0.064	-0.040	-0.035
-0.045				
P5Q3AV	0.011	-0.020	-0.025	-0.018
-0.017				
P5Q3AX	-0.035	-0.048	-0.073	-0.070
-0.031				
P5Q3BQ	-0.046	-0.074	-0.034	-0.075
-0.053				
P5Q3CK	-0.017	-0.071	-0.031	-0.007
-0.005				
P5Q3DB	-0.027	0.013	-0.019	0.038
-0.047				
P5Q3E	-0.068	-0.077	-0.051	-0.084
-0.037				
P5Q3A0	-0.059	-0.051	-0.029	-0.106
-0.083				
P5Q3BK	-0.042	-0.062	-0.049	-0.075
-0.042				
P5Q3B0	-0.053	-0.079	-0.094	-0.071
-0.094				
P5Q3CU	-0.060	-0.063	-0.059	-0.056
-0.040				
P5Q3DA	-0.058	-0.100	-0.069	-0.066
-0.044				
P5Q3AS	-0.066	-0.082	-0.111	-0.036
-0.031				
P5Q3AU	0.036	-0.052	0.005	-0.074
-0.039				
P5Q3AZ	-0.030	-0.032	-0.072	-0.027
-0.050				
P5Q3BB1	-0.056	-0.038	-0.075	-0.106
-0.050				
P5Q3BB2	-0.012	-0.027	-0.079	-0.102
-0.037				
P5Q3BB5	-0.050	-0.090	-0.090	-0.039
-0.051				
P5Q3BB6	-0.019	-0.102	-0.057	-0.092
-0.058				
P5Q3BB7	0.023	-0.081	-0.040	-0.082
0.012				
P5Q3X	-0.052	-0.054	-0.060	-0.108
-0.082				
P5Q3AA	-0.032	-0.055	-0.108	-0.085

-0.106				
P5Q3AL	-0.024	-0.064	-0.071	-0.078
-0.070				
P5Q3AP	-0.075	-0.061	-0.113	-0.123
-0.108				
P5Q3BI	-0.033	-0.060	-0.044	-0.060
-0.067				
P5Q3BZ	-0.056	-0.111	-0.149	-0.118
-0.039				
P5Q3CJ	0.000	-0.032	-0.030	-0.110
-0.015				
P5Q3C	-0.065	-0.065	-0.083	-0.032
-0.075				
P5Q30	-0.048	-0.073	-0.107	-0.079
-0.072				
P5Q3R	-0.095	-0.081	-0.087	-0.059
-0.057				
P5Q3S	-0.073	-0.088	-0.104	-0.122
-0.067				
P5Q3T	-0.084	-0.069	-0.087	-0.117
-0.092				
P5Q3U	-0.028	-0.055	-0.079	-0.060
-0.096				
P5Q3V	-0.076	-0.073	-0.108	-0.101
-0.148				
P5Q3AJ	-0.050	-0.117	-0.119	-0.123
-0.061				
P5Q3BC	-0.018	-0.075	-0.112	-0.059
-0.015				
P5Q3BN	-0.099	-0.093	-0.099	-0.067
-0.051				
P5Q3CF	-0.081	-0.114	-0.093	-0.097
-0.090				
P5Q3CG	-0.095	-0.100	-0.117	-0.092
-0.045				
P5Q3CH	-0.028	-0.041	-0.099	-0.109
-0.071				
P5Q3CI	-0.072	-0.061	-0.077	-0.091
-0.050				
P5Q3CN	-0.042	-0.062	-0.085	-0.078
-0.083				
P5Q3C0	-0.062	-0.091	-0.113	-0.088
-0.045				
P5Q3CQ	-0.051	-0.123	-0.069	-0.073
-0.026				
P5Q3CW	-0.050	-0.036	-0.117	-0.087
-0.012				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D2AI_R	K5E1B	K5E1C	K5E1D	K6D2AG_R
K5E1C	0.457			
K5E1D	0.405	0.565		
K6D2AG_R	-0.033	-0.054	-0.072	
K6D2AI_R	-0.023	0.000	-0.042	0.531
K6D2D_R	-0.023	-0.021	-0.087	0.531
0.417				
K6D2J_R	-0.029	-0.041	-0.039	0.475
0.375				
K6D2T_R	-0.026	-0.012	-0.091	0.647
0.480				
K6D2AC_R	-0.036	-0.098	-0.098	0.631
0.453				
K6D2AK_R	-0.055	-0.069	-0.117	0.421
0.333				
K6D2C_R	-0.020	-0.013	-0.067	0.434
0.369				
K6D2N_R	-0.023	-0.051	-0.069	0.626
0.452				
K6D2X_R	-0.062	-0.089	-0.126	0.505
0.412				
K6D2A_R	0.001	-0.015	-0.048	0.190
0.168				
K6D2P_R	-0.014	-0.058	-0.066	0.250
0.217				
K6D2R_R	-0.024	-0.024	-0.046	0.299
0.269				
K6D2Z_R	-0.025	-0.012	-0.089	0.213
0.208				
K6D2AB_R	-0.009	-0.045	-0.054	0.243
0.193				
K6D2AJ_R	-0.031	-0.087	-0.106	0.275
0.263				
K6D61C	-0.050	-0.058	-0.067	0.153
0.088				
K6D61D	-0.014	-0.062	-0.081	0.096
0.110				
K6D61E	-0.018	-0.094	-0.067	0.049
0.122				
K6D61K	-0.038	-0.085	-0.073	0.117
0.066				
K6D61L	-0.002	-0.030	-0.091	0.066
0.067				
K6D61M	-0.042	-0.049	-0.021	0.180
0.084				
K6D40_R	-0.005	-0.060	-0.064	0.155
0.038				

K6D48_R 0.103	0.015	-0.047	-0.020	0.215
K6F63_R 0.062	-0.035	-0.111	-0.064	0.135
K6F68_R -0.007	-0.054	-0.005	-0.007	0.223
K6F74_R 0.052	-0.039	-0.037	0.046	0.190
K6D2B_R -0.250	0.060	0.066	0.111	-0.393
K6D2F_R -0.198	0.066	0.097	0.051	-0.285
K6D2G_R -0.145	0.085	0.070	0.051	-0.102
K6D2I_R -0.087	0.023	0.098	0.036	-0.159
K6D2K_R -0.143	0.068	0.062	0.041	-0.254
K6D2L_R -0.254	0.063	0.129	0.122	-0.353
K6D2M_R -0.096	0.047	0.096	0.063	-0.224
K6D2O_R -0.192	0.063	0.039	0.064	-0.273
K6D2S_R -0.312	0.090	0.100	0.058	-0.446
K6D2V_R -0.148	0.085	0.077	0.047	-0.236
K6D2W_R -0.188	0.062	0.096	0.035	-0.302
K6D2Y_R -0.241	0.083	0.121	0.080	-0.276
K6D2AA_R -0.236	0.063	0.092	0.086	-0.328
K6D2AE_R -0.131	0.062	0.031	-0.002	-0.169
K6D2AF_R -0.216	0.071	0.108	0.076	-0.207
K6D2AH_R -0.168	0.075	0.077	0.020	-0.212
P5Q3M 0.089	-0.077	-0.083	-0.083	0.081
P5Q3AB 0.039	-0.025	-0.017	-0.044	0.039
P5Q3AD 0.079	0.005	0.004	-0.091	0.049
P5Q3AF 0.079	-0.021	-0.049	-0.061	0.087
P5Q3AH 0.066	-0.050	-0.114	-0.075	0.099

P5Q3AR 0.017	-0.043	-0.016	-0.048	0.073
P5Q3AV 0.043	-0.017	-0.049	-0.064	0.078
P5Q3AX 0.001	-0.001	-0.051	-0.027	0.053
P5Q3BQ 0.068	-0.009	-0.080	-0.073	0.076
P5Q3CK 0.009	-0.056	-0.002	-0.083	0.075
P5Q3DB -0.009	-0.010	-0.060	-0.039	0.069
P5Q3E 0.072	-0.031	0.004	-0.107	0.064
P5Q3A0 0.083	-0.136	-0.128	-0.143	0.126
P5Q3BK 0.042	-0.096	-0.073	-0.092	0.080
P5Q3B0 0.071	-0.071	-0.110	-0.161	0.094
P5Q3CU 0.118	-0.092	-0.090	-0.123	0.126
P5Q3DA 0.108	-0.097	-0.059	-0.108	0.164
P5Q3AS 0.043	-0.028	-0.069	-0.094	0.108
P5Q3AU -0.022	-0.016	-0.023	-0.064	0.103
P5Q3AZ 0.067	-0.046	-0.106	-0.148	0.140
P5Q3BB1 0.038	-0.039	-0.050	-0.157	0.103
P5Q3BB2 0.059	-0.038	-0.068	-0.099	0.070
P5Q3BB5 0.024	-0.015	0.007	-0.109	-0.005
P5Q3BB6 0.050	0.015	-0.012	-0.055	0.081
P5Q3BB7 -0.012	0.050	0.014	0.014	0.104
P5Q3X 0.064	-0.047	-0.065	-0.124	0.076
P5Q3AA 0.022	-0.063	-0.175	-0.109	0.007
P5Q3AL 0.027	-0.025	-0.096	-0.102	-0.048
P5Q3AP 0.061	-0.068	-0.148	-0.144	0.032
P5Q3BI 0.025	-0.015	-0.078	-0.076	0.015

P5Q3BZ 0.104	0.015	-0.004	-0.148	0.132
P5Q3CJ 0.083	-0.045	-0.051	-0.100	0.097
P5Q3C 0.010	-0.023	-0.124	-0.086	0.062
P5Q30 0.030	-0.079	-0.115	-0.087	0.019
P5Q3R 0.004	-0.043	-0.081	-0.092	0.046
P5Q3S 0.017	-0.065	-0.091	-0.127	0.014
P5Q3T 0.070	-0.073	-0.074	-0.108	0.011
P5Q3U 0.006	-0.071	-0.124	-0.074	0.002
P5Q3V -0.016	-0.087	-0.179	-0.153	-0.034
P5Q3AJ 0.013	-0.073	-0.120	-0.143	-0.056
P5Q3BC 0.077	-0.014	-0.046	-0.035	0.080
P5Q3BN 0.043	-0.013	-0.047	-0.090	0.080
P5Q3CF 0.026	-0.061	-0.116	-0.107	0.049
P5Q3CG 0.021	-0.047	-0.076	-0.141	0.067
P5Q3CH 0.013	-0.045	-0.101	-0.094	0.071
P5Q3CI 0.065	-0.060	-0.002	-0.124	0.037
P5Q3CN 0.038	-0.077	-0.088	-0.090	0.054
P5Q3C0 0.025	-0.045	-0.084	-0.108	0.049
P5Q3CQ 0.057	-0.016	-0.023	-0.044	0.038
P5Q3CW 0.028	0.007	-0.058	-0.113	0.091

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D2AK_R	K6D2D_R	K6D2J_R	K6D2T_R	K6D2AC_R
K6D2J_R	0.441			
K6D2T_R	0.567	0.393		
K6D2AC_R	0.477	0.451	0.521	

K6D2AK_R	0.365	0.336	0.379	0.380
K6D2C_R	0.494	0.432	0.382	0.462
0.313				
K6D2N_R	0.495	0.506	0.496	0.752
0.389				
K6D2X_R	0.399	0.344	0.451	0.648
0.323				
K6D2A_R	0.271	0.221	0.212	0.165
0.265				
K6D2P_R	0.272	0.271	0.295	0.278
0.349				
K6D2R_R	0.302	0.261	0.333	0.260
0.319				
K6D2Z_R	0.228	0.241	0.253	0.195
0.308				
K6D2AB_R	0.233	0.224	0.275	0.262
0.321				
K6D2AJ_R	0.249	0.250	0.282	0.282
0.469				
K6D61C	0.120	0.046	0.072	0.231
0.142				
K6D61D	0.104	0.139	0.078	0.214
0.206				
K6D61E	0.084	0.147	0.053	0.175
0.178				
K6D61K	0.087	0.054	0.036	0.173
0.135				
K6D61L	0.080	0.115	-0.027	0.189
0.188				
K6D61M	0.096	0.171	0.106	0.234
0.208				
K6D40_R	0.090	0.125	0.119	0.307
0.130				
K6D48_R	0.123	0.171	0.102	0.259
0.149				
K6F63_R	0.078	0.105	0.057	0.261
0.158				
K6F68_R	0.205	0.103	0.126	0.309
0.169				
K6F74_R	0.184	0.124	0.113	0.346
0.159				
K6D2B_R	-0.313	-0.290	-0.322	-0.543
-0.211				
K6D2F_R	-0.216	-0.211	-0.230	-0.422
-0.126				
K6D2G_R	-0.103	-0.075	-0.089	-0.211
-0.082				
K6D2I_R	-0.100	-0.062	-0.127	-0.220
-0.180				
K6D2K_R	-0.119	-0.090	-0.225	-0.268

-0.161				
K6D2L_R	-0.286	-0.224	-0.246	-0.455
-0.193				
K6D2M_R	-0.154	-0.125	-0.205	-0.244
-0.153				
K6D2O_R	-0.224	-0.209	-0.224	-0.323
-0.138				
K6D2S_R	-0.325	-0.346	-0.302	-0.644
-0.226				
K6D2V_R	-0.136	-0.096	-0.214	-0.262
-0.170				
K6D2W_R	-0.189	-0.203	-0.237	-0.351
-0.168				
K6D2Y_R	-0.244	-0.230	-0.232	-0.398
-0.176				
K6D2AA_R	-0.226	-0.242	-0.262	-0.465
-0.126				
K6D2AE_R	-0.094	-0.096	-0.100	-0.207
-0.070				
K6D2AF_R	-0.184	-0.190	-0.174	-0.302
-0.137				
K6D2AH_R	-0.134	-0.143	-0.144	-0.245
-0.115				
P5Q3M	0.099	0.065	0.104	0.061
0.109				
P5Q3AB	0.080	0.009	0.101	0.086
0.019				
P5Q3AD	0.074	0.070	0.070	0.044
0.092				
P5Q3AF	0.083	0.042	0.083	0.136
0.077				
P5Q3AH	0.084	0.072	0.101	0.149
0.174				
P5Q3AR	0.092	0.012	0.056	0.003
0.116				
P5Q3AV	0.097	0.014	0.134	0.051
0.063				
P5Q3AX	0.112	0.018	0.023	0.030
0.112				
P5Q3BQ	0.083	0.010	0.057	0.122
0.037				
P5Q3CK	0.073	0.009	0.074	0.129
0.164				
P5Q3DB	0.042	0.036	0.067	0.072
0.058				
P5Q3E	0.067	0.057	0.060	0.115
0.065				
P5Q3A0	0.128	0.064	0.096	0.134
0.157				
P5Q3BK	0.064	0.054	0.006	0.083

0.129				
P5Q3B0	0.076	0.062	0.042	0.113
0.146				
P5Q3CU	0.144	0.040	0.061	0.138
0.087				
P5Q3DA	0.159	0.080	0.129	0.193
0.112				
P5Q3AS	0.097	0.032	0.111	0.154
0.109				
P5Q3AU	0.053	0.069	0.091	0.110
0.064				
P5Q3AZ	0.133	0.018	0.043	0.088
0.124				
P5Q3BB1	0.110	0.041	0.103	0.142
0.027				
P5Q3BB2	0.056	0.004	0.031	0.070
0.047				
P5Q3BB5	0.071	0.059	0.053	0.061
0.032				
P5Q3BB6	0.096	0.029	0.083	0.088
0.002				
P5Q3BB7	0.062	-0.040	0.026	0.037
0.003				
P5Q3X	0.113	0.047	0.066	0.127
0.114				
P5Q3AA	0.047	0.077	0.029	0.067
0.130				
P5Q3AL	0.000	0.001	-0.076	-0.003
0.117				
P5Q3AP	0.039	0.041	0.022	0.081
0.114				
P5Q3BI	0.029	0.021	0.008	0.077
0.054				
P5Q3BZ	0.125	0.080	0.158	0.158
0.192				
P5Q3CJ	0.027	0.030	0.006	0.165
0.148				
P5Q3C	0.048	0.083	0.061	0.110
0.105				
P5Q30	0.065	0.025	0.069	0.064
0.131				
P5Q3R	0.102	0.030	0.089	0.125
0.102				
P5Q3S	0.052	0.006	0.043	0.099
0.162				
P5Q3T	0.038	0.039	0.032	0.062
0.126				
P5Q3U	0.015	0.035	0.024	0.056
0.100				
P5Q3V	0.023	0.012	0.000	0.027

0.145				
P5Q3AJ	0.004	-0.006	-0.024	0.031
0.133				
P5Q3BC	0.114	0.034	0.031	0.131
0.142				
P5Q3BN	0.074	0.061	0.049	0.135
0.052				
P5Q3CF	0.092	0.083	0.057	0.110
0.084				
P5Q3CG	0.097	0.042	0.043	0.107
0.088				
P5Q3CH	0.106	0.015	0.058	0.107
0.114				
P5Q3CI	0.088	0.018	0.059	0.086
0.075				
P5Q3CN	0.057	0.039	0.054	0.058
0.099				
P5Q3C0	0.071	0.056	0.003	0.104
0.119				
P5Q3CQ	0.095	0.028	0.058	0.093
0.147				
P5Q3CW	0.083	0.041	0.051	0.073
0.108				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D2P_R	K6D2C_R	K6D2N_R	K6D2X_R	K6D2A_R
K6D2N_R	0.468			
K6D2X_R	0.429	0.596		
K6D2A_R	0.293	0.169	0.169	
K6D2P_R	0.285	0.256	0.254	0.427
K6D2R_R	0.330	0.243	0.233	0.358
0.458				
K6D2Z_R	0.295	0.197	0.210	0.395
0.504				
K6D2AB_R	0.231	0.208	0.211	0.336
0.498				
K6D2AJ_R	0.260	0.272	0.223	0.421
0.591				
K6D61C	0.125	0.161	0.197	0.205
0.241				
K6D61D	0.126	0.125	0.137	0.227
0.303				
K6D61E	0.059	0.071	0.089	0.193
0.299				
K6D61K	0.123	0.130	0.151	0.198
0.252				

K6D61L 0.284	0.143	0.083	0.086	0.181
K6D61M 0.305	0.117	0.186	0.140	0.123
K6D40_R 0.226	0.057	0.214	0.185	0.072
K6D48_R 0.241	0.118	0.221	0.188	0.116
K6F63_R 0.240	0.106	0.169	0.152	0.127
K6F68_R 0.258	0.144	0.267	0.245	0.099
K6F74_R 0.190	0.181	0.299	0.215	0.103
K6D2B_R -0.169	-0.285	-0.517	-0.583	-0.087
K6D2F_R -0.145	-0.236	-0.376	-0.322	-0.084
K6D2G_R -0.094	-0.112	-0.196	-0.198	-0.041
K6D2I_R -0.199	-0.058	-0.201	-0.161	-0.064
K6D2K_R -0.165	-0.084	-0.264	-0.220	-0.071
K6D2L_R -0.132	-0.240	-0.447	-0.475	-0.058
K6D2M_R -0.177	-0.097	-0.267	-0.210	-0.089
K6D2O_R -0.042	-0.244	-0.327	-0.393	-0.072
K6D2S_R -0.160	-0.356	-0.611	-0.531	-0.076
K6D2V_R -0.232	-0.151	-0.269	-0.291	-0.081
K6D2W_R -0.138	-0.205	-0.365	-0.354	-0.086
K6D2Y_R -0.155	-0.269	-0.374	-0.378	-0.090
K6D2AA_R -0.100	-0.254	-0.439	-0.406	-0.065
K6D2AE_R -0.024	-0.106	-0.229	-0.192	0.029
K6D2AF_R -0.078	-0.202	-0.291	-0.361	-0.057
K6D2AH_R -0.089	-0.176	-0.225	-0.258	-0.046
P5Q3M 0.049	0.068	0.076	0.045	0.080
P5Q3AB 0.017	0.017	0.045	0.061	0.039

P5Q3AD 0.004	0.040	0.085	0.017	0.051
P5Q3AF 0.082	0.032	0.133	0.068	0.109
P5Q3AH 0.050	0.009	0.163	0.080	0.056
P5Q3AR 0.080	0.066	0.024	0.039	0.071
P5Q3AV 0.046	0.044	0.023	0.033	-0.008
P5Q3AX 0.040	-0.003	0.052	0.063	0.092
P5Q3BQ 0.046	0.036	0.117	0.013	0.040
P5Q3CK 0.088	0.078	0.097	0.126	0.130
P5Q3DB -0.023	-0.013	0.103	0.023	-0.029
P5Q3E 0.045	0.091	0.125	0.167	0.117
P5Q3A0 0.058	0.085	0.166	0.102	0.038
P5Q3BK 0.063	0.056	0.099	0.139	0.068
P5Q3B0 0.135	0.095	0.132	0.133	0.116
P5Q3CU 0.111	0.094	0.061	0.067	0.076
P5Q3DA 0.087	0.120	0.196	0.164	0.126
P5Q3AS 0.034	0.033	0.104	0.087	0.023
P5Q3AU 0.081	0.008	0.112	0.073	0.035
P5Q3AZ 0.071	0.145	0.117	0.120	0.125
P5Q3BB1 0.046	0.080	0.129	0.137	-0.021
P5Q3BB2 0.042	0.041	0.052	0.057	0.034
P5Q3BB5 0.021	0.048	0.081	0.038	-0.017
P5Q3BB6 0.030	0.064	0.086	0.069	-0.011
P5Q3BB7 -0.037	0.018	0.053	0.075	-0.034
P5Q3X 0.115	0.142	0.093	0.159	0.144
P5Q3AA 0.156	0.057	0.050	0.039	0.124

P5Q3AL 0.138	-0.005	-0.019	0.034	0.084
P5Q3AP 0.136	0.080	0.066	0.056	0.087
P5Q3BI 0.067	0.010	0.049	0.026	0.045
P5Q3BZ 0.153	0.169	0.144	0.147	0.088
P5Q3CJ 0.051	0.089	0.088	0.116	0.036
P5Q3C 0.089	0.009	0.107	0.041	0.058
P5Q3O 0.153	0.066	0.050	0.104	0.129
P5Q3R 0.069	0.072	0.115	0.127	0.087
P5Q3S 0.137	0.058	0.122	0.101	0.173
P5Q3T 0.135	0.069	0.087	0.076	0.132
P5Q3U 0.093	0.015	0.057	0.022	0.058
P5Q3V 0.111	0.022	0.034	0.037	0.097
P5Q3AJ 0.117	0.004	-0.020	0.060	0.106
P5Q3BC 0.124	0.109	0.080	0.078	0.157
P5Q3BN 0.099	0.067	0.126	0.065	0.091
P5Q3CF 0.111	0.087	0.097	0.079	0.100
P5Q3CG 0.086	0.104	0.113	0.069	0.100
P5Q3CH 0.039	0.048	0.148	0.069	0.016
P5Q3CI 0.089	0.065	0.089	0.149	0.054
P5Q3CN 0.123	0.125	0.072	0.046	0.087
P5Q3CO 0.102	0.074	0.075	0.045	0.084
P5Q3CQ 0.104	0.072	0.064	0.106	0.136
P5Q3CW 0.110	0.055	0.085	0.039	0.070

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

K6D61C

K6D2Z_R	0.442			
K6D2AB_R	0.347	0.429		
K6D2AJ_R	0.447	0.457	0.522	
K6D61C	0.142	0.171	0.191	0.305
K6D61D	0.165	0.252	0.284	0.386
0.475				
K6D61E	0.043	0.228	0.245	0.347
0.396				
K6D61K	0.114	0.140	0.194	0.294
0.909				
K6D61L	0.130	0.187	0.235	0.353
0.450				
K6D61M	0.147	0.156	0.268	0.341
0.356				
K6D40_R	0.090	0.091	0.173	0.262
0.533				
K6D48_R	0.098	0.109	0.200	0.242
0.483				
K6F63_R	0.113	0.159	0.212	0.273
0.567				
K6F68_R	0.074	0.117	0.183	0.273
0.471				
K6F74_R	0.143	0.119	0.220	0.285
0.440				
K6D2B_R	-0.148	-0.096	-0.100	-0.164
-0.189				
K6D2F_R	-0.104	-0.049	-0.069	-0.160
-0.149				
K6D2G_R	-0.056	-0.017	-0.055	-0.108
-0.069				
K6D2I_R	-0.072	-0.069	-0.137	-0.267
-0.227				
K6D2K_R	-0.121	-0.050	-0.071	-0.159
-0.186				
K6D2L_R	-0.084	-0.007	-0.054	-0.151
-0.147				
K6D2M_R	-0.100	-0.075	-0.089	-0.189
-0.196				
K6D20_R	-0.054	-0.017	-0.051	-0.088
-0.145				
K6D2S_R	-0.147	-0.069	-0.111	-0.182
-0.190				
K6D2V_R	-0.130	-0.102	-0.103	-0.224
-0.168				
K6D2W_R	-0.093	-0.033	-0.091	-0.160
-0.161				
K6D2Y_R	-0.057	-0.018	-0.089	-0.167

-0.082				
K6D2AA_R	-0.086	0.006	-0.029	-0.088
-0.099				
K6D2AE_R	0.018	0.069	0.066	-0.046
-0.087				
K6D2AF_R	-0.034	-0.015	-0.019	-0.118
-0.101				
K6D2AH_R	-0.056	-0.040	-0.043	-0.101
-0.097				
P5Q3M	0.087	0.111	0.058	0.074
0.035				
P5Q3AB	0.023	0.006	0.024	0.040
-0.026				
P5Q3AD	-0.007	0.066	-0.004	0.033
0.061				
P5Q3AF	0.049	0.079	0.079	0.121
0.088				
P5Q3AH	0.045	0.086	0.064	0.094
0.087				
P5Q3AR	0.039	0.072	0.056	0.069
-0.006				
P5Q3AV	0.010	-0.001	0.028	0.040
-0.031				
P5Q3AX	0.014	0.066	-0.005	0.070
0.062				
P5Q3BQ	0.053	-0.009	0.013	0.042
-0.041				
P5Q3CK	0.002	0.146	0.089	0.211
-0.036				
P5Q3DB	0.006	0.001	-0.035	-0.007
0.022				
P5Q3E	0.101	0.094	0.084	0.067
-0.061				
P5Q3A0	0.096	0.070	0.036	0.097
-0.004				
P5Q3BK	0.061	0.078	0.068	0.085
0.018				
P5Q3B0	0.105	0.083	0.081	0.156
0.126				
P5Q3CU	0.074	0.105	0.060	0.085
0.107				
P5Q3DA	0.109	0.112	0.069	0.164
0.121				
P5Q3AS	0.038	0.056	0.038	0.077
0.006				
P5Q3AU	-0.025	0.064	0.054	0.042
0.041				
P5Q3AZ	0.074	0.116	0.117	0.097
-0.067				
P5Q3BB1	0.035	0.074	0.031	0.024

0.048				
P5Q3BB2	0.039	0.062	0.069	0.069
-0.042				
P5Q3BB5	-0.034	-0.001	0.002	0.008
0.051				
P5Q3BB6	0.017	0.031	0.020	0.044
-0.120				
P5Q3BB7	-0.006	-0.022	-0.039	0.035
-0.009				
P5Q3X	0.110	0.082	0.136	0.182
0.182				
P5Q3AA	0.090	0.089	0.144	0.215
0.194				
P5Q3AL	0.066	0.141	0.096	0.183
0.204				
P5Q3AP	0.111	0.126	0.130	0.204
0.220				
P5Q3BI	0.042	0.060	0.093	0.101
0.030				
P5Q3BZ	0.054	0.174	0.184	0.233
0.197				
P5Q3CJ	0.036	0.110	0.111	0.151
0.225				
P5Q3C	0.053	0.050	0.080	0.136
0.103				
P5Q30	0.092	0.139	0.158	0.184
0.143				
P5Q3R	0.053	0.066	0.090	0.123
0.044				
P5Q3S	0.116	0.181	0.111	0.204
0.201				
P5Q3T	0.094	0.124	0.145	0.188
0.209				
P5Q3U	0.054	0.069	0.080	0.144
0.169				
P5Q3V	0.027	0.107	0.106	0.201
0.134				
P5Q3AJ	0.062	0.108	0.160	0.167
0.226				
P5Q3BC	0.081	0.145	0.169	0.202
0.212				
P5Q3BN	0.087	0.116	0.121	0.098
0.108				
P5Q3CF	0.092	0.113	0.077	0.153
0.130				
P5Q3CG	0.084	0.086	0.082	0.140
0.071				
P5Q3CH	0.023	0.046	0.041	0.085
0.143				
P5Q3CI	0.045	0.102	0.070	0.098

0.080				
P5Q3CN	0.089	0.135	0.127	0.141
0.110				
P5Q3C0	0.060	0.077	0.106	0.153
0.192				
P5Q3CQ	0.043	0.106	0.168	0.166
0.220				
P5Q3CW	0.069	0.087	0.105	0.120
0.124				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D61M	K6D61D	K6D61E	K6D61K	K6D61L
K6D61E	0.777			
K6D61K	0.479	0.428		
K6D61L	0.713	0.628	0.453	
K6D61M	0.379	0.356	0.399	0.370
K6D40_R	0.379	0.333	0.507	0.285
0.251				
K6D48_R	0.364	0.329	0.493	0.352
0.293				
K6F63_R	0.438	0.388	0.579	0.457
0.289				
K6F68_R	0.275	0.201	0.521	0.389
0.272				
K6F74_R	0.254	0.196	0.465	0.330
0.229				
K6D2B_R	-0.069	-0.060	-0.169	-0.044
-0.166				
K6D2F_R	-0.089	-0.138	-0.176	-0.073
-0.131				
K6D2G_R	-0.111	-0.054	-0.105	-0.074
-0.026				
K6D2I_R	-0.080	-0.056	-0.266	-0.087
-0.244				
K6D2K_R	0.048	0.069	-0.142	0.091
-0.168				
K6D2L_R	-0.132	-0.113	-0.160	-0.136
-0.096				
K6D2M_R	0.024	-0.016	-0.183	-0.008
-0.206				
K6D20_R	-0.039	-0.023	-0.131	-0.003
-0.094				
K6D2S_R	-0.161	-0.152	-0.219	-0.084
-0.216				
K6D2V_R	-0.042	-0.070	-0.184	-0.045
-0.189				

K6D2W_R -0.179	-0.038	-0.060	-0.180	0.006
K6D2Y_R -0.198	-0.114	-0.109	-0.142	-0.096
K6D2AA_R -0.090	-0.063	-0.071	-0.099	-0.069
K6D2AE_R -0.103	0.038	0.029	-0.119	0.066
K6D2AF_R -0.090	-0.105	-0.083	-0.105	-0.051
K6D2AH_R -0.107	-0.093	-0.046	-0.101	-0.044
P5Q3M 0.016	0.073	0.096	0.063	0.005
P5Q3AB 0.023	0.017	0.034	-0.061	0.027
P5Q3AD 0.014	-0.033	0.026	-0.004	-0.027
P5Q3AF 0.040	0.015	0.071	0.059	0.042
P5Q3AH 0.052	-0.028	0.104	0.068	-0.026
P5Q3AR 0.024	0.064	0.138	0.028	0.021
P5Q3AV -0.001	-0.016	0.058	-0.071	-0.039
P5Q3AX 0.053	-0.026	0.056	0.040	0.004
P5Q3BQ 0.067	0.000	0.059	0.001	0.042
P5Q3CK 0.054	0.094	0.186	0.021	-0.113
P5Q3DB -0.002	-0.073	-0.012	-0.006	-0.129
P5Q3E -0.048	0.093	0.061	-0.063	0.006
P5Q3A0 0.019	-0.012	0.046	-0.049	-0.012
P5Q3BK -0.004	0.030	-0.002	0.008	0.014
P5Q3B0 0.056	0.126	0.126	0.126	0.106
P5Q3CU -0.004	0.043	0.020	0.041	-0.057
P5Q3DA 0.044	0.063	0.066	0.111	0.015
P5Q3AS 0.015	0.026	0.055	0.007	0.000
P5Q3AU 0.048	-0.078	-0.078	0.043	-0.031

P5Q3AZ 0.048	0.016	0.067	-0.072	0.043
P5Q3BB1 0.008	0.016	0.006	0.013	-0.047
P5Q3BB2 0.005	0.017	0.038	-0.048	0.009
P5Q3BB5 -0.002	0.043	0.072	0.043	0.031
P5Q3BB6 0.015	0.002	0.054	-0.081	-0.027
P5Q3BB7 0.024	0.011	0.083	0.002	-0.005
P5Q3X 0.038	0.191	0.203	0.139	0.204
P5Q3AA 0.083	0.253	0.281	0.209	0.238
P5Q3AL 0.046	0.228	0.231	0.176	0.249
P5Q3AP 0.035	0.224	0.224	0.222	0.201
P5Q3BI 0.052	0.115	0.152	0.053	0.111
P5Q3BZ 0.029	0.177	0.215	0.183	0.129
P5Q3CJ 0.069	0.167	0.135	0.171	0.152
P5Q3C 0.058	0.053	0.055	0.067	0.030
P5Q3O 0.056	0.165	0.213	0.142	0.146
P5Q3R 0.049	0.143	0.168	0.052	0.115
P5Q3S 0.020	0.221	0.236	0.153	0.170
P5Q3T 0.026	0.195	0.216	0.173	0.144
P5Q3U 0.034	0.114	0.129	0.169	0.084
P5Q3V 0.032	0.248	0.255	0.147	0.209
P5Q3AJ 0.104	0.343	0.316	0.147	0.315
P5Q3BC 0.087	0.208	0.240	0.164	0.201
P5Q3BN 0.075	0.128	0.113	0.138	0.068
P5Q3CF 0.067	0.105	0.157	0.130	0.069
P5Q3CG 0.064	0.129	0.161	0.042	0.099

P5Q3CH 0.041	0.005	0.069	0.122	-0.006
P5Q3CI 0.081	0.143	0.131	0.115	0.107
P5Q3CN 0.100	0.134	0.189	0.120	0.206
P5Q3C0 0.107	0.184	0.185	0.200	0.154
P5Q3CQ 0.099	0.250	0.226	0.230	0.197
P5Q3CW 0.080	0.164	0.124	0.080	0.140

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D40_R	K6D48_R	K6F63_R	K6F68_R
K6F74_R				
K6D48_R	0.650			
K6F63_R	0.706	0.711		
K6F68_R	0.680	0.664	0.629	
K6F74_R	0.665	0.671	0.600	0.814
K6D2B_R -0.233	-0.190	-0.198	-0.130	-0.245
K6D2F_R -0.234	-0.174	-0.155	-0.150	-0.234
K6D2G_R -0.122	-0.044	-0.030	-0.117	-0.024
K6D2I_R -0.279	-0.263	-0.195	-0.170	-0.349
K6D2K_R -0.096	-0.192	-0.079	-0.079	-0.179
K6D2L_R -0.217	-0.222	-0.195	-0.178	-0.269
K6D2M_R -0.199	-0.266	-0.138	-0.185	-0.294
K6D20_R -0.092	-0.132	-0.128	-0.105	-0.062
K6D2S_R -0.264	-0.242	-0.210	-0.247	-0.281
K6D2V_R -0.147	-0.139	-0.101	-0.099	-0.155
K6D2W_R -0.172	-0.142	-0.112	-0.061	-0.145
K6D2Y_R -0.101	-0.103	-0.119	-0.123	-0.189
K6D2AA_R -0.127	-0.159	-0.101	-0.140	-0.126
K6D2AE_R	-0.121	-0.105	-0.088	-0.112

-0.120				
K6D2AF_R	-0.075	-0.045	-0.084	-0.154
-0.042				
K6D2AH_R	-0.174	-0.090	-0.098	-0.097
-0.056				
P5Q3M	0.076	-0.043	0.050	-0.055
0.029				
P5Q3AB	-0.033	-0.047	-0.034	-0.092
0.033				
P5Q3AD	0.089	0.015	-0.014	-0.040
0.014				
P5Q3AF	0.243	0.102	0.100	0.195
0.117				
P5Q3AH	0.167	-0.030	-0.004	0.207
0.206				
P5Q3AR	0.047	-0.012	0.002	-0.092
0.055				
P5Q3AV	0.018	0.018	-0.037	0.005
0.035				
P5Q3AX	0.055	0.020	-0.021	0.018
0.067				
P5Q3BQ	0.101	-0.006	0.009	0.047
0.135				
P5Q3CK	0.161	-0.034	0.074	-0.007
0.065				
P5Q3DB	0.133	0.022	-0.018	0.094
0.133				
P5Q3E	0.120	0.040	0.051	0.006
0.014				
P5Q3A0	0.078	-0.012	0.040	0.029
0.113				
P5Q3BK	0.065	0.008	0.018	0.189
0.112				
P5Q3B0	0.193	0.074	0.114	0.164
0.219				
P5Q3CU	0.086	0.039	0.012	0.021
0.135				
P5Q3DA	0.116	0.050	0.072	-0.014
0.216				
P5Q3AS	0.164	0.043	0.032	0.143
0.120				
P5Q3AU	0.115	-0.049	0.011	0.093
0.095				
P5Q3AZ	0.108	0.093	0.099	0.087
0.024				
P5Q3BB1	0.066	-0.042	-0.022	0.100
0.162				
P5Q3BB2	0.080	-0.008	0.037	0.061
0.133				
P5Q3BB5	0.107	-0.011	0.052	0.103

0.088				
P5Q3BB6	0.109	-0.049	0.003	0.093
0.037				
P5Q3BB7	0.082	-0.038	-0.096	-0.043
0.010				
P5Q3X	0.161	0.086	0.109	0.012
0.172				
P5Q3AA	0.240	0.072	0.181	0.139
0.104				
P5Q3AL	0.216	0.047	0.170	0.121
-0.048				
P5Q3AP	0.254	0.011	0.136	0.131
0.292				
P5Q3BI	0.147	0.022	0.120	0.122
0.101				
P5Q3BZ	0.223	0.038	0.136	-0.126
0.119				
P5Q3CJ	0.328	0.213	0.193	0.362
0.263				
P5Q3C	0.247	0.087	0.089	0.134
0.235				
P5Q30	0.169	0.042	0.098	0.043
0.142				
P5Q3R	0.141	0.028	0.082	0.024
0.106				
P5Q3S	0.220	0.082	0.190	0.104
0.186				
P5Q3T	0.185	0.049	0.128	0.066
0.129				
P5Q3U	0.215	0.031	0.121	0.161
0.175				
P5Q3V	0.147	0.010	0.181	0.052
0.043				
P5Q3AJ	0.255	0.067	0.181	-0.108
0.044				
P5Q3BC	0.264	0.139	0.171	0.093
0.209				
P5Q3BN	0.258	0.101	0.147	0.138
0.155				
P5Q3CF	0.197	0.026	0.108	0.122
0.204				
P5Q3CG	0.210	0.027	0.102	0.023
0.117				
P5Q3CH	0.235	0.099	0.106	0.140
0.292				
P5Q3CI	0.095	0.081	0.066	0.061
0.092				
P5Q3CN	0.163	0.045	0.128	0.177
0.128				
P5Q3C0	0.278	0.106	0.157	0.099

0.249				
P5Q3CQ	0.280	0.024	0.128	0.013
0.141				
P5Q3CW	0.131	0.053	0.101	-0.014
-0.012				

	CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)			
	K6D2B_R	K6D2F_R	K6D2G_R	K6D2I_R
K6D2K_R				
K6D2F_R	0.504			
K6D2G_R	0.302	0.388		
K6D2I_R	0.277	0.269	0.162	
K6D2K_R	0.320	0.311	0.179	0.455
K6D2L_R	0.533	0.416	0.391	0.324
0.303				
K6D2M_R	0.321	0.352	0.176	0.471
0.630				
K6D2O_R	0.430	0.383	0.226	0.244
0.257				
K6D2S_R	0.689	0.615	0.334	0.349
0.353				
K6D2V_R	0.329	0.370	0.196	0.484
0.478				
K6D2W_R	0.418	0.416	0.212	0.345
0.438				
K6D2Y_R	0.408	0.371	0.327	0.283
0.271				
K6D2AA_R	0.533	0.523	0.394	0.273
0.306				
K6D2AE_R	0.327	0.341	0.194	0.258
0.323				
K6D2AF_R	0.380	0.395	0.424	0.233
0.251				
K6D2AH_R	0.319	0.354	0.210	0.244
0.254				
P5Q3M	-0.080	-0.085	-0.012	-0.022
-0.023				
P5Q3AB	-0.058	0.016	-0.004	0.001
-0.066				
P5Q3AD	-0.004	-0.071	-0.054	-0.020
-0.070				
P5Q3AF	-0.086	-0.102	-0.097	-0.086
-0.109				
P5Q3AH	-0.063	-0.062	-0.042	-0.095
-0.121				
P5Q3AR	0.026	-0.021	-0.064	-0.048
-0.022				

P5Q3AV	-0.023	-0.047	-0.074	-0.060
-0.060				
P5Q3AX	-0.009	-0.047	-0.058	-0.031
-0.007				
P5Q3BQ	-0.055	-0.079	0.000	-0.108
-0.098				
P5Q3CK	-0.124	-0.130	-0.011	-0.008
-0.046				
P5Q3DB	-0.046	-0.076	0.013	-0.057
-0.063				
P5Q3E	-0.036	-0.077	-0.080	0.061
0.014				
P5Q3A0	-0.031	-0.098	-0.112	-0.025
-0.054				
P5Q3BK	-0.036	-0.066	-0.110	0.016
0.022				
P5Q3B0	-0.079	-0.110	-0.070	-0.090
-0.061				
P5Q3CU	-0.094	-0.070	0.015	-0.040
-0.080				
P5Q3DA	-0.120	-0.118	-0.067	-0.059
-0.072				
P5Q3AS	-0.113	-0.093	-0.007	-0.026
-0.084				
P5Q3AU	-0.038	-0.062	-0.059	-0.045
-0.083				
P5Q3AZ	-0.099	-0.078	-0.108	0.015
-0.056				
P5Q3BB1	-0.108	-0.099	-0.089	-0.052
-0.087				
P5Q3BB2	-0.019	-0.042	-0.016	-0.016
-0.014				
P5Q3BB5	-0.070	-0.106	-0.078	-0.016
-0.025				
P5Q3BB6	-0.146	-0.097	-0.062	-0.063
-0.066				
P5Q3BB7	-0.046	-0.085	-0.095	-0.028
-0.068				
P5Q3X	-0.094	-0.059	-0.067	-0.028
0.002				
P5Q3AA	-0.014	-0.016	-0.013	-0.070
-0.014				
P5Q3AL	0.074	0.033	-0.013	-0.063
0.029				
P5Q3AP	-0.035	-0.030	-0.037	-0.060
-0.028				
P5Q3BI	0.013	-0.029	-0.031	0.012
-0.003				
P5Q3BZ	-0.066	-0.011	-0.073	-0.013
0.025				

P5Q3CJ	-0.048	-0.017	-0.070	-0.050
-0.055				
P5Q3C	-0.074	-0.097	-0.020	-0.088
-0.080				
P5Q30	-0.064	-0.078	-0.078	-0.074
-0.071				
P5Q3R	-0.050	-0.061	-0.038	-0.029
-0.041				
P5Q3S	-0.069	-0.026	-0.091	-0.042
-0.054				
P5Q3T	-0.062	-0.018	-0.109	-0.052
-0.070				
P5Q3U	-0.034	-0.044	-0.003	-0.076
-0.077				
P5Q3V	0.013	-0.035	-0.083	-0.053
0.020				
P5Q3AJ	0.044	0.041	-0.137	-0.028
0.037				
P5Q3BC	-0.011	-0.043	-0.040	-0.060
-0.017				
P5Q3BN	-0.081	-0.057	-0.029	-0.009
-0.019				
P5Q3CF	-0.050	-0.110	-0.057	-0.051
-0.047				
P5Q3CG	-0.077	-0.098	-0.080	-0.019
-0.039				
P5Q3CH	-0.103	-0.126	-0.016	-0.119
-0.075				
P5Q3CI	-0.044	-0.064	-0.059	0.002
0.003				
P5Q3CN	-0.051	-0.056	-0.068	-0.026
-0.024				
P5Q3C0	-0.042	-0.084	-0.083	-0.084
-0.052				
P5Q3CQ	-0.024	-0.009	-0.037	-0.025
-0.006				
P5Q3CW	0.016	0.011	-0.019	0.012
-0.017				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2L_R	K6D2M_R	K6D20_R	K6D2S_R
K6D2V_R				
K6D2M_R	0.329			
K6D20_R	0.354	0.287		
K6D2S_R	0.579	0.357	0.476	
K6D2V_R	0.336	0.479	0.344	0.386
K6D2W_R	0.399	0.427	0.455	0.505

0.473				
K6D2Y_R	0.577	0.317	0.363	0.513
0.312				
K6D2AA_R	0.526	0.316	0.409	0.647
0.348				
K6D2AE_R	0.300	0.324	0.348	0.406
0.335				
K6D2AF_R	0.544	0.260	0.373	0.457
0.317				
K6D2AH_R	0.326	0.265	0.354	0.384
0.343				
P5Q3M	-0.065	-0.038	-0.068	-0.034
-0.089				
P5Q3AB	-0.046	-0.030	-0.032	-0.020
-0.031				
P5Q3AD	-0.045	-0.039	-0.018	-0.045
-0.042				
P5Q3AF	-0.131	-0.119	-0.055	-0.041
-0.089				
P5Q3AH	-0.074	-0.075	-0.033	-0.043
-0.170				
P5Q3AR	-0.007	-0.064	-0.050	0.029
-0.060				
P5Q3AV	0.009	-0.094	-0.105	0.010
-0.075				
P5Q3AX	-0.104	-0.014	-0.047	0.020
-0.043				
P5Q3BQ	-0.065	-0.111	-0.027	-0.071
-0.110				
P5Q3CK	-0.115	0.022	-0.042	-0.017
-0.039				
P5Q3DB	-0.019	-0.069	-0.065	-0.041
-0.038				
P5Q3E	-0.077	-0.008	-0.069	-0.080
-0.074				
P5Q3A0	-0.078	-0.050	-0.116	-0.085
-0.109				
P5Q3BK	-0.056	0.007	-0.022	-0.021
-0.044				
P5Q3B0	-0.120	-0.069	-0.034	-0.119
-0.061				
P5Q3CU	-0.127	-0.036	-0.064	0.005
-0.116				
P5Q3DA	-0.053	-0.060	-0.078	-0.106
-0.086				
P5Q3AS	-0.015	-0.051	-0.073	-0.099
-0.088				
P5Q3AU	-0.084	-0.023	-0.058	-0.030
-0.052				
P5Q3AZ	-0.118	-0.003	-0.063	0.019

-0.035				
P5Q3BB1	-0.079	-0.081	-0.076	-0.086
-0.047				
P5Q3BB2	-0.056	-0.012	0.005	-0.053
0.010				
P5Q3BB5	-0.082	-0.063	-0.030	-0.049
-0.002				
P5Q3BB6	-0.049	-0.053	-0.043	-0.071
-0.094				
P5Q3BB7	-0.049	0.043	0.003	-0.012
-0.036				
P5Q3X	-0.080	0.004	-0.030	-0.075
-0.055				
P5Q3AA	-0.042	-0.023	-0.012	-0.012
-0.021				
P5Q3AL	-0.006	-0.014	0.029	-0.015
0.042				
P5Q3AP	-0.047	-0.054	-0.030	-0.041
-0.058				
P5Q3BI	0.018	-0.013	0.004	-0.023
0.003				
P5Q3BZ	-0.047	0.073	0.029	0.022
0.040				
P5Q3CJ	-0.098	-0.016	-0.030	-0.045
-0.040				
P5Q3C	-0.009	-0.099	-0.037	-0.075
-0.106				
P5Q30	-0.062	-0.069	0.003	-0.063
-0.064				
P5Q3R	-0.036	-0.066	-0.014	-0.047
-0.062				
P5Q3S	-0.013	0.003	-0.025	-0.018
-0.054				
P5Q3T	-0.046	0.004	-0.007	0.005
-0.090				
P5Q3U	-0.027	-0.079	-0.016	-0.041
-0.073				
P5Q3V	-0.015	-0.031	0.019	-0.007
-0.035				
P5Q3AJ	-0.095	0.020	-0.005	-0.012
0.021				
P5Q3BC	-0.085	0.000	-0.004	-0.035
0.019				
P5Q3BN	-0.061	-0.028	-0.087	-0.057
-0.004				
P5Q3CF	-0.021	-0.034	-0.025	-0.049
-0.070				
P5Q3CG	-0.084	-0.040	-0.046	-0.101
-0.067				
P5Q3CH	-0.101	-0.058	-0.101	-0.114

-0.143				
P5Q3CI	-0.141	0.036	-0.065	-0.019
-0.055				
P5Q3CN	-0.054	-0.015	-0.024	-0.053
-0.079				
P5Q3C0	-0.004	-0.042	-0.060	-0.050
-0.086				
P5Q3CQ	-0.084	0.052	-0.010	-0.027
-0.017				
P5Q3CW	0.034	0.000	-0.029	0.013
-0.051				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R
K6D2AF_R				
K6D2Y_R	0.459			
K6D2AA_R	0.448	0.470		
K6D2AE_R	0.442	0.336	0.361	
K6D2AF_R	0.428	0.569	0.479	0.354
K6D2AH_R	0.350	0.303	0.328	0.302
0.382				
P5Q3M	-0.018	-0.034	-0.033	-0.025
-0.049				
P5Q3AB	-0.031	-0.050	-0.043	0.024
-0.022				
P5Q3AD	0.016	-0.056	-0.099	0.006
-0.059				
P5Q3AF	-0.023	-0.086	-0.062	-0.020
-0.080				
P5Q3AH	-0.113	-0.012	-0.047	-0.096
-0.075				
P5Q3AR	-0.027	-0.029	-0.016	0.025
-0.073				
P5Q3AV	-0.040	-0.041	-0.040	-0.044
-0.095				
P5Q3AX	-0.008	-0.044	-0.058	0.016
0.006				
P5Q3BQ	-0.078	-0.084	-0.085	-0.042
-0.027				
P5Q3CK	-0.006	0.009	0.011	-0.075
-0.004				
P5Q3DB	-0.051	-0.003	-0.049	-0.066
-0.028				
P5Q3E	0.027	-0.028	-0.106	-0.005
-0.024				
P5Q3A0	-0.079	-0.036	-0.151	-0.071
-0.112				

P5Q3BK	0.003	-0.078	-0.060	-0.049
-0.070				
P5Q3B0	-0.072	-0.067	-0.113	-0.068
-0.076				
P5Q3CU	0.008	0.003	-0.058	0.001
-0.013				
P5Q3DA	-0.034	-0.072	-0.085	-0.015
-0.082				
P5Q3AS	-0.126	-0.074	-0.085	-0.038
0.005				
P5Q3AU	-0.118	-0.027	-0.065	-0.009
-0.065				
P5Q3AZ	0.081	-0.033	-0.057	0.010
-0.045				
P5Q3BB1	0.001	-0.041	-0.088	0.007
-0.074				
P5Q3BB2	0.006	-0.060	-0.070	0.021
-0.009				
P5Q3BB5	-0.018	-0.137	-0.133	0.025
-0.054				
P5Q3BB6	0.007	-0.079	-0.110	-0.016
-0.071				
P5Q3BB7	0.039	-0.065	-0.074	0.013
0.009				
P5Q3X	-0.032	-0.030	-0.020	-0.004
-0.070				
P5Q3AA	-0.025	-0.008	0.034	0.018
-0.046				
P5Q3AL	0.012	-0.024	0.006	0.046
-0.040				
P5Q3AP	-0.026	-0.050	-0.007	-0.023
-0.083				
P5Q3BI	0.003	-0.010	-0.018	0.008
-0.055				
P5Q3BZ	0.024	-0.065	-0.012	0.095
-0.097				
P5Q3CJ	-0.016	-0.036	-0.005	-0.049
-0.101				
P5Q3C	-0.112	-0.029	-0.040	-0.062
-0.026				
P5Q30	-0.055	-0.031	-0.041	-0.050
-0.060				
P5Q3R	-0.039	-0.036	-0.045	-0.017
-0.005				
P5Q3S	-0.017	-0.014	-0.028	0.006
0.005				
P5Q3T	-0.019	0.004	-0.024	-0.003
-0.068				
P5Q3U	-0.068	0.007	0.008	-0.020
-0.023				

P5Q3V -0.087	-0.035	-0.008	0.003	0.039
P5Q3AJ -0.091	-0.034	-0.060	-0.029	0.041
P5Q3BC -0.063	-0.070	-0.023	-0.069	-0.006
P5Q3BN -0.041	-0.009	-0.044	-0.078	-0.029
P5Q3CF -0.055	-0.032	-0.021	-0.041	-0.006
P5Q3CG -0.054	-0.032	-0.066	-0.062	-0.005
P5Q3CH -0.062	-0.049	-0.056	-0.108	-0.036
P5Q3CI -0.064	-0.001	0.007	-0.049	-0.018
P5Q3CN -0.030	0.023	0.013	0.001	0.016
P5Q3C0 -0.034	-0.057	-0.023	-0.010	-0.048
P5Q3CQ -0.077	0.000	0.026	-0.079	0.006
P5Q3CW 0.000	-0.015	0.024	0.013	0.034

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

P5Q3AF	K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD
P5Q3M	-0.060			
P5Q3AB	0.008	0.241		
P5Q3AD	-0.081	0.315	0.395	
P5Q3AF	-0.094	0.485	0.319	0.475
P5Q3AH 0.728	-0.070	0.418	0.367	0.535
P5Q3AR 0.406	-0.018	0.286	0.285	0.392
P5Q3AV 0.486	-0.046	0.408	0.500	0.503
P5Q3AX 0.570	0.003	0.424	0.405	0.602
P5Q3BQ 0.365	-0.048	0.300	0.360	0.360
P5Q3CK 0.668	-0.101	0.489	0.308	0.518
P5Q3DB 0.402	-0.013	0.302	0.251	0.333
P5Q3E	-0.085	0.338	0.210	0.407

0.371				
P5Q3A0	-0.053	0.340	0.256	0.368
0.374				
P5Q3BK	-0.066	0.354	0.301	0.370
0.327				
P5Q3B0	-0.040	0.296	0.236	0.325
0.305				
P5Q3CU	0.040	0.348	0.269	0.374
0.419				
P5Q3DA	-0.054	0.383	0.315	0.404
0.415				
P5Q3AS	-0.015	0.286	0.323	0.368
0.429				
P5Q3AU	0.027	0.271	0.257	0.314
0.329				
P5Q3AZ	-0.025	0.403	0.337	0.481
0.510				
P5Q3BB1	-0.037	0.321	0.248	0.349
0.420				
P5Q3BB2	-0.009	0.236	0.226	0.219
0.284				
P5Q3BB5	-0.014	0.209	0.163	0.247
0.310				
P5Q3BB6	-0.079	0.326	0.232	0.335
0.389				
P5Q3BB7	-0.041	0.282	0.239	0.341
0.361				
P5Q3X	-0.038	0.348	0.184	0.370
0.384				
P5Q3AA	-0.039	0.390	0.278	0.229
0.361				
P5Q3AL	0.002	0.278	0.170	0.321
0.343				
P5Q3AP	-0.064	0.388	0.243	0.323
0.390				
P5Q3BI	0.012	0.134	0.163	0.224
0.235				
P5Q3BZ	0.032	0.372	0.284	0.359
0.431				
P5Q3CJ	-0.082	0.364	0.284	0.366
0.433				
P5Q3C	-0.056	0.384	0.168	0.224
0.449				
P5Q30	-0.071	0.491	0.197	0.357
0.441				
P5Q3R	-0.027	0.497	0.277	0.323
0.473				
P5Q3S	-0.032	0.497	0.218	0.340
0.435				
P5Q3T	-0.062	0.482	0.216	0.346

0.434				
P5Q3U	-0.035	0.409	0.251	0.282
0.415				
P5Q3V	0.000	0.317	0.201	0.276
0.329				
P5Q3AJ	-0.025	0.379	0.210	0.383
0.439				
P5Q3BC	-0.084	0.410	0.269	0.435
0.430				
P5Q3BN	-0.071	0.527	0.245	0.379
0.538				
P5Q3CF	-0.075	0.391	0.290	0.274
0.427				
P5Q3CG	-0.060	0.474	0.297	0.350
0.468				
P5Q3CH	-0.080	0.486	0.324	0.391
0.505				
P5Q3CI	-0.003	0.366	0.361	0.460
0.414				
P5Q3CN	-0.034	0.352	0.197	0.300
0.331				
P5Q3C0	-0.065	0.435	0.241	0.244
0.477				
P5Q3CQ	-0.055	0.403	0.317	0.441
0.509				
P5Q3CW	-0.048	0.348	0.244	0.297
0.365				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3AH	P5Q3AR	P5Q3AV	P5Q3AX
P5Q3BQ				
P5Q3AR	0.481			
P5Q3AV	0.587	0.539		
P5Q3AX	0.688	0.501	0.652	
P5Q3BQ	0.418	0.343	0.478	0.455
P5Q3CK	0.652	0.494	0.485	0.621
0.413				
P5Q3DB	0.521	0.373	0.536	0.532
0.451				
P5Q3E	0.363	0.275	0.356	0.302
0.159				
P5Q3A0	0.451	0.402	0.365	0.433
0.318				
P5Q3BK	0.402	0.457	0.419	0.437
0.355				
P5Q3B0	0.360	0.388	0.349	0.428
0.444				

P5Q3CU 0.405	0.490	0.371	0.403	0.495
P5Q3DA 0.434	0.499	0.428	0.393	0.494
P5Q3AS 0.334	0.485	0.386	0.477	0.455
P5Q3AU 0.221	0.444	0.401	0.454	0.486
P5Q3AZ 0.426	0.480	0.426	0.492	0.549
P5Q3BB1 0.318	0.471	0.320	0.371	0.465
P5Q3BB2 0.243	0.247	0.265	0.292	0.358
P5Q3BB5 0.261	0.240	0.259	0.247	0.301
P5Q3BB6 0.320	0.458	0.309	0.419	0.506
P5Q3BB7 0.308	0.373	0.374	0.407	0.512
P5Q3X 0.190	0.364	0.305	0.305	0.268
P5Q3AA 0.242	0.425	0.352	0.257	0.268
P5Q3AL 0.249	0.411	0.352	0.282	0.373
P5Q3AP 0.308	0.462	0.378	0.352	0.375
P5Q3BI 0.324	0.270	0.215	0.146	0.261
P5Q3BZ 0.284	0.496	0.394	0.352	0.400
P5Q3CJ 0.313	0.486	0.419	0.365	0.443
P5Q3C 0.342	0.433	0.254	0.345	0.309
P5Q3O 0.247	0.429	0.346	0.319	0.362
P5Q3R 0.353	0.467	0.283	0.401	0.364
P5Q3S 0.236	0.467	0.366	0.362	0.378
P5Q3T 0.273	0.459	0.382	0.377	0.366
P5Q3U 0.292	0.472	0.284	0.328	0.298
P5Q3V 0.196	0.390	0.371	0.230	0.288
P5Q3AJ 0.250	0.486	0.453	0.310	0.412

P5Q3BC 0.341	0.548	0.452	0.422	0.512
P5Q3BN 0.376	0.473	0.348	0.403	0.412
P5Q3CF 0.417	0.490	0.369	0.400	0.407
P5Q3CG 0.413	0.450	0.449	0.478	0.472
P5Q3CH 0.437	0.589	0.404	0.534	0.562
P5Q3CI 0.430	0.456	0.430	0.494	0.536
P5Q3CN 0.318	0.374	0.352	0.297	0.398
P5Q3CO 0.381	0.488	0.351	0.391	0.365
P5Q3CQ 0.333	0.564	0.414	0.396	0.524
P5Q3CW 0.325	0.415	0.394	0.367	0.416

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

P5Q3BK	P5Q3CK	P5Q3DB	P5Q3E	P5Q3A0
P5Q3DB	0.427			
P5Q3E	0.440	0.074		
P5Q3A0	0.391	0.300	0.343	
P5Q3BK	0.514	0.254	0.386	0.518
P5Q3B0	0.475	0.338	0.268	0.383
0.534				
P5Q3CU	0.528	0.328	0.354	0.414
0.441				
P5Q3DA	0.523	0.457	0.388	0.643
0.574				
P5Q3AS	0.522	0.384	0.180	0.248
0.292				
P5Q3AU	0.458	0.257	0.241	0.344
0.336				
P5Q3AZ	0.549	0.392	0.413	0.466
0.556				
P5Q3BB1	0.413	0.392	0.195	0.267
0.313				
P5Q3BB2	0.348	0.261	0.164	0.232
0.275				
P5Q3BB5	0.222	0.183	0.188	0.254
0.288				
P5Q3BB6	0.469	0.384	0.268	0.284

0.293				
P5Q3BB7	0.492	0.270	0.241	0.296
0.321				
P5Q3X	0.386	0.140	0.390	0.319
0.365				
P5Q3AA	0.404	0.189	0.150	0.217
0.321				
P5Q3AL	0.414	0.160	0.247	0.264
0.336				
P5Q3AP	0.399	0.276	0.257	0.307
0.347				
P5Q3BI	0.267	0.200	0.143	0.250
0.274				
P5Q3BZ	0.574	0.272	0.244	0.363
0.443				
P5Q3CJ	0.663	0.290	0.340	0.384
0.457				
P5Q3C	0.385	0.363	0.138	0.190
0.175				
P5Q30	0.551	0.235	0.346	0.367
0.382				
P5Q3R	0.511	0.322	0.237	0.248
0.318				
P5Q3S	0.573	0.223	0.384	0.344
0.407				
P5Q3T	0.552	0.236	0.329	0.344
0.353				
P5Q3U	0.408	0.261	0.159	0.202
0.255				
P5Q3V	0.489	0.135	0.161	0.199
0.268				
P5Q3AJ	0.547	0.217	0.297	0.360
0.331				
P5Q3BC	0.637	0.346	0.294	0.399
0.447				
P5Q3BN	0.572	0.300	0.365	0.302
0.382				
P5Q3CF	0.543	0.346	0.211	0.335
0.420				
P5Q3CG	0.580	0.357	0.351	0.430
0.469				
P5Q3CH	0.546	0.407	0.327	0.361
0.471				
P5Q3CI	0.497	0.329	0.368	0.419
0.465				
P5Q3CN	0.425	0.296	0.253	0.313
0.317				
P5Q3C0	0.544	0.292	0.220	0.287
0.344				
P5Q3CQ	0.666	0.341	0.353	0.340

0.450				
P5Q3CW	0.471	0.280	0.240	0.299
0.287				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3B0	P5Q3CU	P5Q3DA	P5Q3AS
P5Q3AU				
P5Q3CU	0.390			
P5Q3DA	0.485	0.538		
P5Q3AS	0.301	0.285	0.314	
P5Q3AU	0.290	0.376	0.328	0.328
P5Q3AZ	0.446	0.672	0.523	0.374
0.369				
P5Q3BB1	0.310	0.448	0.396	0.316
0.431				
P5Q3BB2	0.315	0.319	0.353	0.307
0.327				
P5Q3BB5	0.225	0.294	0.281	0.229
0.265				
P5Q3BB6	0.275	0.371	0.382	0.338
0.482				
P5Q3BB7	0.295	0.403	0.378	0.314
0.385				
P5Q3X	0.366	0.280	0.325	0.200
0.233				
P5Q3AA	0.330	0.211	0.291	0.293
0.161				
P5Q3AL	0.324	0.210	0.291	0.281
0.272				
P5Q3AP	0.430	0.335	0.342	0.331
0.241				
P5Q3BI	0.312	0.215	0.216	0.223
0.129				
P5Q3BZ	0.519	0.372	0.468	0.356
0.309				
P5Q3CJ	0.435	0.361	0.483	0.362
0.337				
P5Q3C	0.244	0.251	0.215	0.294
0.222				
P5Q30	0.424	0.351	0.441	0.287
0.293				
P5Q3R	0.318	0.319	0.345	0.326
0.244				
P5Q3S	0.376	0.274	0.410	0.321
0.213				
P5Q3T	0.354	0.327	0.375	0.307
0.199				

P5Q3U 0.207	0.317	0.282	0.288	0.273
P5Q3V 0.114	0.302	0.182	0.285	0.233
P5Q3AJ 0.250	0.301	0.259	0.376	0.343
P5Q3BC 0.386	0.469	0.415	0.535	0.368
P5Q3BN 0.247	0.374	0.349	0.381	0.310
P5Q3CF 0.277	0.416	0.369	0.425	0.363
P5Q3CG 0.290	0.506	0.410	0.519	0.377
P5Q3CH 0.341	0.412	0.480	0.481	0.390
P5Q3CI 0.372	0.461	0.506	0.486	0.346
P5Q3CN 0.256	0.347	0.297	0.416	0.291
P5Q3C0 0.266	0.351	0.325	0.390	0.302
P5Q3CQ 0.317	0.441	0.448	0.464	0.355
P5Q3CW 0.276	0.316	0.393	0.345	0.316

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

P5Q3BB6	P5Q3AZ	P5Q3BB1	P5Q3BB2	P5Q3BB5
P5Q3BB1	0.546			
P5Q3BB2	0.453	0.664		
P5Q3BB5	0.387	0.425	0.409	
P5Q3BB6	0.475	0.698	0.643	0.492
P5Q3BB7	0.472	0.599	0.555	0.446
0.747				
P5Q3X	0.384	0.215	0.148	0.176
0.176				
P5Q3AA	0.298	0.229	0.178	0.150
0.190				
P5Q3AL	0.338	0.285	0.270	0.200
0.271				
P5Q3AP	0.357	0.271	0.205	0.245
0.272				
P5Q3BI	0.260	0.175	0.188	0.190
0.235				
P5Q3BZ	0.393	0.267	0.258	0.284

0.224				
P5Q3CJ	0.443	0.391	0.254	0.236
0.323				
P5Q3C	0.256	0.273	0.196	0.156
0.257				
P5Q30	0.392	0.271	0.222	0.205
0.272				
P5Q3R	0.369	0.277	0.171	0.188
0.260				
P5Q3S	0.419	0.270	0.184	0.204
0.229				
P5Q3T	0.422	0.313	0.199	0.269
0.250				
P5Q3U	0.275	0.273	0.169	0.158
0.243				
P5Q3V	0.310	0.189	0.147	0.175
0.162				
P5Q3AJ	0.377	0.231	0.199	0.277
0.218				
P5Q3BC	0.487	0.313	0.282	0.313
0.303				
P5Q3BN	0.440	0.321	0.249	0.217
0.322				
P5Q3CF	0.376	0.344	0.281	0.232
0.329				
P5Q3CG	0.483	0.350	0.335	0.287
0.364				
P5Q3CH	0.497	0.426	0.341	0.247
0.370				
P5Q3CI	0.479	0.380	0.293	0.280
0.344				
P5Q3CN	0.329	0.283	0.244	0.232
0.268				
P5Q3C0	0.315	0.303	0.226	0.205
0.314				
P5Q3CQ	0.463	0.309	0.267	0.234
0.359				
P5Q3CW	0.454	0.289	0.242	0.256
0.312				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3BB7	P5Q3X	P5Q3AA	P5Q3AL
P5Q3AP				
P5Q3X	0.245			
P5Q3AA	0.235	0.482		
P5Q3AL	0.312	0.408	0.601	
P5Q3AP	0.257	0.480	0.637	0.532

P5Q3BI 0.277	0.256	0.234	0.304	0.318
P5Q3BZ 0.659	0.365	0.458	0.558	0.506
P5Q3CJ 0.549	0.407	0.456	0.517	0.536
P5Q3C 0.426	0.176	0.324	0.469	0.346
P5Q30 0.545	0.311	0.544	0.554	0.508
P5Q3R 0.395	0.197	0.367	0.431	0.319
P5Q3S 0.581	0.274	0.500	0.583	0.529
P5Q3T 0.613	0.341	0.516	0.589	0.484
P5Q3U 0.564	0.211	0.428	0.729	0.451
P5Q3V 0.568	0.230	0.438	0.752	0.598
P5Q3AJ 0.535	0.319	0.469	0.621	0.646
P5Q3BC 0.539	0.473	0.502	0.550	0.516
P5Q3BN 0.465	0.261	0.435	0.453	0.309
P5Q3CF 0.489	0.313	0.396	0.504	0.384
P5Q3CG 0.444	0.306	0.463	0.426	0.365
P5Q3CH 0.430	0.341	0.403	0.369	0.322
P5Q3CI 0.449	0.416	0.421	0.294	0.348
P5Q3CN 0.510	0.310	0.408	0.481	0.451
P5Q3C0 0.489	0.262	0.458	0.554	0.414
P5Q3CQ 0.557	0.384	0.540	0.632	0.540
P5Q3CW 0.447	0.290	0.408	0.462	0.395

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C
P5Q30				
P5Q3BZ	0.259			

P5Q3CJ	0.264	0.639		
P5Q3C	0.253	0.337	0.437	
P5Q30	0.266	0.596	0.548	0.515
P5Q3R	0.293	0.412	0.331	0.447
0.495				
P5Q3S	0.261	0.589	0.554	0.386
0.658				
P5Q3T	0.238	0.634	0.584	0.426
0.646				
P5Q3U	0.256	0.493	0.477	0.563
0.565				
P5Q3V	0.303	0.535	0.474	0.410
0.560				
P5Q3AJ	0.294	0.560	0.608	0.438
0.655				
P5Q3BC	0.301	0.618	0.703	0.434
0.700				
P5Q3BN	0.265	0.453	0.539	0.527
0.489				
P5Q3CF	0.318	0.469	0.518	0.529
0.540				
P5Q3CG	0.318	0.509	0.557	0.423
0.538				
P5Q3CH	0.222	0.463	0.494	0.417
0.376				
P5Q3CI	0.289	0.522	0.525	0.246
0.392				
P5Q3CN	0.371	0.454	0.499	0.440
0.595				
P5Q3C0	0.295	0.470	0.597	0.554
0.562				
P5Q3CQ	0.340	0.652	0.670	0.499
0.713				
P5Q3CW	0.318	0.494	0.513	0.413
0.451				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3R	P5Q3S	P5Q3T	P5Q3U
P5Q3V				
P5Q3S	0.568			
P5Q3T	0.477	0.834		
P5Q3U	0.459	0.540	0.583	
P5Q3V	0.399	0.545	0.566	0.747
P5Q3AJ	0.475	0.550	0.603	0.465
0.683				
P5Q3BC	0.459	0.606	0.666	0.523
0.552				

P5Q3BN 0.344	0.452	0.502	0.536	0.497
P5Q3CF 0.425	0.478	0.475	0.477	0.549
P5Q3CG 0.376	0.479	0.519	0.506	0.422
P5Q3CH 0.308	0.436	0.441	0.432	0.467
P5Q3CI 0.265	0.382	0.397	0.404	0.303
P5Q3CN 0.423	0.460	0.441	0.499	0.428
P5Q3C0 0.500	0.497	0.540	0.578	0.592
P5Q3CQ 0.576	0.463	0.572	0.675	0.581
P5Q3CW 0.389	0.471	0.471	0.498	0.425

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3AJ	P5Q3BC	P5Q3BN	P5Q3CF
P5Q3CG				
P5Q3BC	0.735			
P5Q3BN	0.468	0.566		
P5Q3CF	0.437	0.544	0.550	
P5Q3CG	0.483	0.620	0.568	0.658
P5Q3CH 0.637	0.359	0.450	0.515	0.585
P5Q3CI 0.562	0.386	0.490	0.451	0.453
P5Q3CN 0.494	0.559	0.573	0.498	0.492
P5Q3C0 0.622	0.602	0.654	0.664	0.675
P5Q3CQ 0.598	0.713	0.811	0.630	0.604
P5Q3CW 0.536	0.465	0.518	0.580	0.500

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3CH	P5Q3CI	P5Q3CN	P5Q3C0
P5Q3CQ				
P5Q3CI	0.576			
P5Q3CN	0.410	0.476		

P5Q3C0	0.542	0.446	0.562	
P5Q3CQ	0.531	0.541	0.636	0.727
P5Q3CW	0.410	0.472	0.518	0.565
0.561				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
P5Q3CW

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 369

Chi-Square Test of Model Fit

Value	15900.716*
Degrees of Freedom	4928
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	0.024
90 Percent C.I.	0.024 0.025
Probability RMSEA <= .05	1.000

CFI/TLI

CFI	0.900
TLI	0.898

Chi-Square Test of Model Fit for the Baseline Model

Value	115264.255
Degrees of Freedom	5050
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value 0.064

Optimum Function Value for Weighted Least-Squares Estimator

Value 0.35883779D+01

MODEL RESULTS

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.660	0.018	37.327	0.000
K6B1B_R	0.770	0.017	45.217	0.000
K6B1C_R	0.774	0.016	47.106	0.000
K6B1D_R	0.640	0.021	30.063	0.000
SC9 BY				
K5E1A	0.689	0.023	29.720	0.000
K5E1B	0.598	0.023	25.674	0.000
K5E1C	0.760	0.022	34.283	0.000
K5E1D	0.739	0.026	28.689	0.000
INTERNAL BY				
K6D2AG_R	0.761	0.011	70.057	0.000
K6D2AI_R	0.575	0.016	35.667	0.000
K6D2D_R	0.642	0.015	43.589	0.000
K6D2J_R	0.579	0.015	39.459	0.000
K6D2T_R	0.673	0.014	47.014	0.000
K6D2AC_R	0.870	0.010	88.922	0.000
K6D2AK_R	0.562	0.016	34.208	0.000
K6D2C_R	0.603	0.015	39.172	0.000
K6D2N_R	0.834	0.010	87.410	0.000
K6D2X_R	0.757	0.016	46.308	0.000
EXTERN BY				
K6D2A_R	0.502	0.017	29.654	0.000
K6D2P_R	0.701	0.013	53.266	0.000
K6D2R_R	0.548	0.016	33.831	0.000
K6D2Z_R	0.575	0.016	36.025	0.000
K6D2AB_R	0.584	0.015	38.998	0.000
K6D2AJ_R	0.747	0.013	59.007	0.000
K6D61C	0.862	0.013	64.430	0.000
K6D61D	0.661	0.016	41.881	0.000
K6D61E	0.645	0.023	28.585	0.000
K6D61K	0.847	0.013	64.636	0.000

	K6D61L	0.580	0.021	27.280	0.000
	K6D61M	0.463	0.021	21.762	0.000
	K6D40_R	0.643	0.027	23.735	0.000
	K6D48_R	0.559	0.022	25.157	0.000
	K6F63_R	0.606	0.020	30.271	0.000
	K6F68_R	0.669	0.040	16.701	0.000
	K6F74_R	0.665	0.035	18.853	0.000
PAF	BY				
	K6D2B_R	0.762	0.014	54.359	0.000
	K6D2F_R	0.668	0.014	48.419	0.000
	K6D2G_R	0.444	0.023	19.062	0.000
	K6D2I_R	0.506	0.016	30.714	0.000
	K6D2K_R	0.572	0.015	37.213	0.000
	K6D2L_R	0.719	0.020	36.828	0.000
	K6D2M_R	0.592	0.015	39.034	0.000
	K6D2O_R	0.571	0.015	37.108	0.000
	K6D2S_R	0.874	0.010	90.528	0.000
	K6D2V_R	0.593	0.016	36.718	0.000
	K6D2W_R	0.654	0.014	46.597	0.000
	K6D2Y_R	0.653	0.017	38.702	0.000
	K6D2AA_R	0.715	0.013	53.825	0.000
	K6D2AE_R	0.469	0.016	28.499	0.000
	K6D2AF_R	0.615	0.019	32.308	0.000
	K6D2AH_R	0.484	0.018	26.539	0.000
INCBCL	BY				
	P5Q3M	0.653	0.021	31.714	0.000
	P5Q3AB	0.464	0.021	22.333	0.000
	P5Q3AD	0.611	0.023	26.577	0.000
	P5Q3AF	0.738	0.020	37.536	0.000
	P5Q3AH	0.809	0.023	35.287	0.000
	P5Q3AR	0.637	0.024	26.063	0.000
	P5Q3AV	0.699	0.021	33.858	0.000
	P5Q3AX	0.761	0.026	28.921	0.000
	P5Q3BQ	0.589	0.018	32.058	0.000
	P5Q3CK	0.851	0.035	24.627	0.000
	P5Q3DB	0.545	0.020	27.303	0.000
	P5Q3E	0.481	0.027	18.078	0.000
	P5Q3A0	0.593	0.023	26.192	0.000
	P5Q3BK	0.649	0.024	27.318	0.000
	P5Q3B0	0.644	0.019	33.083	0.000
	P5Q3CU	0.640	0.027	23.905	0.000
	P5Q3DA	0.717	0.023	30.857	0.000
	P5Q3AS	0.570	0.019	29.352	0.000
	P5Q3AU	0.518	0.032	16.249	0.000
	P5Q3AZ	0.737	0.025	29.547	0.000
	P5Q3BB1	0.633	0.026	24.419	0.000
	P5Q3BB2	0.506	0.024	21.268	0.000
	P5Q3BB5	0.437	0.028	15.761	0.000

P5Q3BB6	0.632	0.022	28.416	0.000
P5Q3BB7	0.617	0.033	18.407	0.000
EXCBCL BY				
P5Q3X	0.617	0.018	34.011	0.000
P5Q3AA	0.754	0.011	67.835	0.000
P5Q3AL	0.638	0.022	29.336	0.000
P5Q3AP	0.720	0.014	51.453	0.000
P5Q3BI	0.418	0.020	20.722	0.000
P5Q3BZ	0.745	0.028	26.540	0.000
P5Q3CJ	0.758	0.020	37.212	0.000
P5Q3C	0.616	0.016	38.579	0.000
P5Q3O	0.765	0.016	48.091	0.000
P5Q3R	0.639	0.015	41.713	0.000
P5Q3S	0.786	0.013	58.268	0.000
P5Q3T	0.799	0.013	63.244	0.000
P5Q3U	0.738	0.012	63.983	0.000
P5Q3V	0.724	0.013	53.994	0.000
P5Q3AJ	0.757	0.018	42.304	0.000
P5Q3BC	0.831	0.018	44.953	0.000
P5Q3BN	0.724	0.016	45.423	0.000
P5Q3CF	0.739	0.013	57.672	0.000
P5Q3CG	0.758	0.013	59.667	0.000
P5Q3CH	0.711	0.018	39.742	0.000
P5Q3CI	0.669	0.024	27.535	0.000
P5Q3CN	0.678	0.018	37.620	0.000
P5Q3CO	0.774	0.012	65.406	0.000
P5Q3CQ	0.860	0.019	45.582	0.000
P5Q3CW	0.665	0.017	39.495	0.000
SC9 WITH				
SC15	0.214	0.026	8.161	0.000
INTERNAL WITH				
SC15	-0.405	0.020	-20.213	0.000
SC9	-0.115	0.024	-4.721	0.000
EXTERN WITH				
SC15	-0.323	0.020	-15.882	0.000
SC9	-0.108	0.023	-4.587	0.000
INTERNALIZ	0.479	0.016	30.136	0.000
PAF WITH				
SC15	0.558	0.018	30.755	0.000
SC9	0.161	0.024	6.647	0.000
INTERNALIZ	-0.608	0.014	-43.441	0.000
EXTERN	-0.266	0.019	-14.361	0.000
INCBCL WITH				
SC15	-0.125	0.027	-4.679	0.000

SC9	-0.132	0.025	-5.225	0.000
INTERNALIZ	0.177	0.024	7.271	0.000
EXTERN	0.108	0.024	4.462	0.000
PAF	-0.134	0.024	-5.711	0.000
EXCBCL WITH				
SC15	-0.153	0.024	-6.292	0.000
SC9	-0.163	0.024	-6.664	0.000
INTERNALIZ	0.127	0.022	5.732	0.000
EXTERN	0.272	0.020	13.824	0.000
PAF	-0.080	0.022	-3.605	0.000
INCBCL	0.749	0.012	61.182	0.000
Thresholds				
K6B1A_R\$1	-1.681	0.037	-45.170	0.000
K6B1A_R\$2	-1.146	0.028	-41.595	0.000
K6B1A_R\$3	0.064	0.022	2.956	0.003
K6B1B_R\$1	-1.784	0.040	-44.548	0.000
K6B1B_R\$2	-1.238	0.029	-43.042	0.000
K6B1B_R\$3	-0.158	0.022	-7.286	0.000
K6B1C_R\$1	-1.591	0.035	-45.370	0.000
K6B1C_R\$2	-1.199	0.028	-42.465	0.000
K6B1C_R\$3	-0.182	0.022	-8.385	0.000
K6B1D_R\$1	-1.968	0.046	-42.568	0.000
K6B1D_R\$2	-1.528	0.034	-45.324	0.000
K6B1D_R\$3	-0.535	0.023	-23.543	0.000
K5E1A\$1	-1.306	0.030	-43.259	0.000
K5E1A\$2	-0.902	0.025	-35.491	0.000
K5E1A\$3	-0.632	0.024	-26.859	0.000
K5E1A\$4	-0.225	0.022	-10.195	0.000
K5E1B\$1	-1.130	0.028	-40.803	0.000
K5E1B\$2	-0.728	0.024	-30.290	0.000
K5E1B\$3	-0.430	0.023	-19.053	0.000
K5E1B\$4	0.030	0.022	1.374	0.169
K5E1C\$1	-1.327	0.030	-43.729	0.000
K5E1C\$2	-0.977	0.026	-37.643	0.000
K5E1C\$3	-0.678	0.024	-28.651	0.000
K5E1C\$4	-0.240	0.022	-10.933	0.000
K5E1D\$1	-1.534	0.034	-44.857	0.000
K5E1D\$2	-1.247	0.029	-42.699	0.000
K5E1D\$3	-1.014	0.026	-38.451	0.000
K5E1D\$4	-0.638	0.023	-27.182	0.000
K6D2AG_R\$1	0.138	0.021	6.449	0.000
K6D2AG_R\$2	0.665	0.023	28.662	0.000
K6D2AG_R\$3	1.638	0.036	45.630	0.000
K6D2AI_R\$1	0.189	0.022	8.772	0.000
K6D2AI_R\$2	0.724	0.024	30.734	0.000
K6D2AI_R\$3	1.455	0.032	45.389	0.000
K6D2D_R\$1	0.238	0.022	10.984	0.000
K6D2D_R\$2	0.771	0.024	32.239	0.000

K6D2D_R\$3	1.588	0.035	45.619	0.000
K6D2J_R\$1	-0.486	0.022	-21.592	0.000
K6D2J_R\$2	0.215	0.022	9.892	0.000
K6D2J_R\$3	1.381	0.031	44.628	0.000
K6D2T_R\$1	0.374	0.022	17.038	0.000
K6D2T_R\$2	0.806	0.024	33.422	0.000
K6D2T_R\$3	1.582	0.035	45.714	0.000
K6D2AC_R\$1	0.497	0.022	22.203	0.000
K6D2AC_R\$2	0.933	0.025	37.113	0.000
K6D2AC_R\$3	1.780	0.040	44.902	0.000
K6D2AK_R\$1	-0.013	0.021	-0.615	0.539
K6D2AK_R\$2	0.518	0.022	23.061	0.000
K6D2AK_R\$3	1.381	0.031	44.927	0.000
K6D2C_R\$1	-0.269	0.022	-12.341	0.000
K6D2C_R\$2	0.206	0.022	9.500	0.000
K6D2C_R\$3	1.204	0.028	42.620	0.000
K6D2N_R\$1	0.215	0.022	9.946	0.000
K6D2N_R\$2	0.786	0.024	32.772	0.000
K6D2N_R\$3	1.732	0.038	45.216	0.000
K6D2X_R\$1	1.013	0.026	39.102	0.000
K6D2X_R\$2	1.422	0.031	45.220	0.000
K6D2X_R\$3	2.144	0.053	40.087	0.000
K6D2A_R\$1	-0.927	0.025	-36.953	0.000
K6D2A_R\$2	-0.345	0.022	-15.785	0.000
K6D2A_R\$3	0.923	0.025	36.863	0.000
K6D2P_R\$1	-0.645	0.023	-27.940	0.000
K6D2P_R\$2	-0.052	0.021	-2.423	0.015
K6D2P_R\$3	1.048	0.026	39.914	0.000
K6D2R_R\$1	-0.925	0.025	-36.880	0.000
K6D2R_R\$2	-0.204	0.022	-9.469	0.000
K6D2R_R\$3	1.061	0.026	40.189	0.000
K6D2Z_R\$1	-0.872	0.025	-35.393	0.000
K6D2Z_R\$2	-0.259	0.022	-11.970	0.000
K6D2Z_R\$3	1.015	0.026	39.159	0.000
K6D2AB_R\$1	-0.813	0.024	-33.632	0.000
K6D2AB_R\$2	-0.177	0.022	-8.221	0.000
K6D2AB_R\$3	0.841	0.024	34.513	0.000
K6D2AJ_R\$1	-0.231	0.022	-10.708	0.000
K6D2AJ_R\$2	0.274	0.022	12.647	0.000
K6D2AJ_R\$3	1.161	0.028	42.141	0.000
K6D61C\$1	1.400	0.031	45.043	0.000
K6D61C\$2	2.158	0.054	39.806	0.000
K6D61C\$3	2.457	0.073	33.629	0.000
K6D61D\$1	0.673	0.023	28.936	0.000
K6D61D\$2	1.539	0.034	45.637	0.000
K6D61D\$3	1.948	0.045	43.103	0.000
K6D61E\$1	1.308	0.030	44.181	0.000
K6D61E\$2	2.095	0.051	40.900	0.000
K6D61E\$3	2.457	0.073	33.621	0.000
K6D61K\$1	1.345	0.030	44.572	0.000

K6D61K\$2	2.150	0.054	39.933	0.000
K6D61K\$3	2.401	0.069	34.865	0.000
K6D61L\$1	1.148	0.027	41.885	0.000
K6D61L\$2	1.963	0.046	42.911	0.000
K6D61L\$3	2.298	0.062	37.085	0.000
K6D61M\$1	0.616	0.023	26.816	0.000
K6D61M\$2	1.510	0.033	45.538	0.000
K6D61M\$3	1.888	0.043	43.800	0.000
K6D40_R\$1	1.608	0.035	45.655	0.000
K6D48_R\$1	0.954	0.025	37.628	0.000
K6F63_R\$1	0.782	0.024	32.614	0.000
K6F68_R\$1	2.143	0.053	40.050	0.000
K6F74_R\$1	2.039	0.049	41.792	0.000
K6D2B_R\$1	-2.064	0.050	-41.463	0.000
K6D2B_R\$2	-1.658	0.036	-45.579	0.000
K6D2B_R\$3	-0.672	0.023	-28.904	0.000
K6D2F_R\$1	-1.881	0.043	-43.970	0.000
K6D2F_R\$2	-1.393	0.031	-45.047	0.000
K6D2F_R\$3	-0.143	0.021	-6.685	0.000
K6D2G_R\$1	-2.174	0.055	-39.558	0.000
K6D2G_R\$2	-1.921	0.044	-43.510	0.000
K6D2G_R\$3	-0.924	0.025	-36.884	0.000
K6D2I_R\$1	-1.898	0.043	-43.759	0.000
K6D2I_R\$2	-1.228	0.028	-43.202	0.000
K6D2I_R\$3	0.135	0.021	6.296	0.000
K6D2K_R\$1	-2.040	0.049	-41.838	0.000
K6D2K_R\$2	-1.350	0.030	-44.670	0.000
K6D2K_R\$3	0.045	0.021	2.082	0.037
K6D2L_R\$1	-2.523	0.078	-32.178	0.000
K6D2L_R\$2	-2.152	0.054	-39.974	0.000
K6D2L_R\$3	-1.217	0.028	-43.078	0.000
K6D2M_R\$1	-2.259	0.060	-37.912	0.000
K6D2M_R\$2	-1.588	0.035	-45.726	0.000
K6D2M_R\$3	-0.001	0.021	-0.051	0.959
K6D20_R\$1	-1.496	0.033	-45.585	0.000
K6D20_R\$2	-1.181	0.028	-42.485	0.000
K6D20_R\$3	-0.268	0.022	-12.375	0.000
K6D2S_R\$1	-2.174	0.055	-39.558	0.000
K6D2S_R\$2	-1.617	0.035	-45.694	0.000
K6D2S_R\$3	-0.407	0.022	-18.487	0.000
K6D2V_R\$1	-2.365	0.066	-35.712	0.000
K6D2V_R\$2	-1.877	0.043	-44.022	0.000
K6D2V_R\$3	-0.299	0.022	-13.779	0.000
K6D2W_R\$1	-2.116	0.052	-40.596	0.000
K6D2W_R\$2	-1.437	0.032	-45.327	0.000
K6D2W_R\$3	-0.173	0.022	-8.033	0.000
K6D2Y_R\$1	-2.130	0.053	-40.353	0.000
K6D2Y_R\$2	-1.647	0.036	-45.614	0.000
K6D2Y_R\$3	-0.673	0.023	-28.970	0.000
K6D2AA_R\$1	-2.167	0.055	-39.700	0.000

K6D2AA_R\$2	-1.636	0.036	-45.656	0.000
K6D2AA_R\$3	-0.428	0.022	-19.365	0.000
K6D2AE_R\$1	-1.872	0.043	-44.028	0.000
K6D2AE_R\$2	-1.164	0.028	-42.170	0.000
K6D2AE_R\$3	0.308	0.022	14.135	0.000
K6D2AF_R\$1	-2.259	0.060	-37.909	0.000
K6D2AF_R\$2	-1.926	0.044	-43.448	0.000
K6D2AF_R\$3	-0.817	0.024	-33.781	0.000
K6D2AH_R\$1	-1.876	0.043	-43.755	0.000
K6D2AH_R\$2	-1.484	0.033	-45.267	0.000
K6D2AH_R\$3	-0.266	0.022	-12.226	0.000
P5Q3M\$1	0.954	0.026	37.041	0.000
P5Q3M\$2	1.992	0.048	41.852	0.000
P5Q3AB\$1	0.485	0.023	21.363	0.000
P5Q3AB\$2	1.888	0.044	43.138	0.000
P5Q3AD\$1	1.072	0.027	39.757	0.000
P5Q3AD\$2	2.145	0.054	39.401	0.000
P5Q3AF\$1	1.199	0.028	42.089	0.000
P5Q3AF\$2	2.318	0.064	36.103	0.000
P5Q3AH\$1	1.603	0.036	44.969	0.000
P5Q3AH\$2	2.494	0.077	32.303	0.000
P5Q3AR\$1	1.297	0.030	43.436	0.000
P5Q3AR\$2	2.307	0.063	36.343	0.000
P5Q3AV\$1	1.180	0.028	41.819	0.000
P5Q3AV\$2	2.257	0.060	37.367	0.000
P5Q3AX\$1	1.590	0.035	45.000	0.000
P5Q3AX\$2	2.635	0.091	29.110	0.000
P5Q3BQ\$1	0.270	0.022	12.269	0.000
P5Q3BQ\$2	1.858	0.043	43.480	0.000
P5Q3CK\$1	2.039	0.049	41.214	0.000
P5Q3CK\$2	2.612	0.088	29.651	0.000
P5Q3DB\$1	0.460	0.023	20.219	0.000
P5Q3DB\$2	1.857	0.043	43.234	0.000
P5Q3E\$1	1.027	0.027	38.718	0.000
P5Q3E\$2	1.938	0.046	42.474	0.000
P5Q3A0\$1	1.011	0.026	38.439	0.000
P5Q3A0\$2	2.103	0.052	40.163	0.000
P5Q3BK\$1	1.206	0.029	42.172	0.000
P5Q3BK\$2	2.364	0.067	35.113	0.000
P5Q3B0\$1	0.862	0.025	34.582	0.000
P5Q3B0\$2	2.178	0.056	38.873	0.000
P5Q3CU\$1	1.380	0.031	44.239	0.000
P5Q3CU\$2	2.276	0.062	36.976	0.000
P5Q3DA\$1	1.336	0.031	43.781	0.000
P5Q3DA\$2	2.493	0.077	32.283	0.000
P5Q3AS\$1	0.757	0.024	31.334	0.000
P5Q3AS\$2	2.404	0.070	34.299	0.000
P5Q3AU\$1	1.411	0.032	44.409	0.000
P5Q3AU\$2	2.318	0.064	36.093	0.000
P5Q3AZ\$1	1.494	0.033	44.867	0.000

P5Q3AZ\$2	2.390	0.069	34.592	0.000
P5Q3BB1\$1	1.320	0.030	43.632	0.000
P5Q3BB1\$2	2.377	0.068	34.846	0.000
P5Q3BB2\$1	0.897	0.025	35.480	0.000
P5Q3BB2\$2	2.160	0.055	39.105	0.000
P5Q3BB5\$1	1.086	0.027	39.990	0.000
P5Q3BB5\$2	1.969	0.047	42.091	0.000
P5Q3BB6\$1	1.142	0.028	41.102	0.000
P5Q3BB6\$2	2.403	0.070	34.282	0.000
P5Q3BB7\$1	1.609	0.036	44.698	0.000
P5Q3BB7\$2	2.473	0.076	32.574	0.000
P5Q3X\$1	0.763	0.024	31.499	0.000
P5Q3X\$2	1.897	0.044	43.037	0.000
P5Q3AA\$1	0.153	0.022	7.005	0.000
P5Q3AA\$2	1.911	0.045	42.906	0.000
P5Q3AL\$1	1.215	0.029	42.344	0.000
P5Q3AL\$2	2.404	0.070	34.299	0.000
P5Q3AP\$1	0.531	0.023	23.191	0.000
P5Q3AP\$2	2.103	0.052	40.171	0.000
P5Q3BI\$1	0.251	0.022	11.398	0.000
P5Q3BI\$2	1.590	0.035	44.980	0.000
P5Q3BZ\$1	1.711	0.038	44.670	0.000
P5Q3BZ\$2	2.378	0.068	34.881	0.000
P5Q3CJ\$1	1.507	0.034	44.880	0.000
P5Q3CJ\$2	2.494	0.077	32.298	0.000
P5Q3C\$1	0.017	0.022	0.801	0.423
P5Q3C\$2	1.321	0.030	43.503	0.000
P5Q30\$1	1.117	0.027	40.656	0.000
P5Q30\$2	2.138	0.054	39.532	0.000
P5Q3R\$1	0.257	0.022	11.694	0.000
P5Q3R\$2	1.391	0.031	44.298	0.000
P5Q3S\$1	1.029	0.026	38.855	0.000
P5Q3S\$2	1.951	0.046	42.437	0.000
P5Q3T\$1	1.009	0.026	38.410	0.000
P5Q3T\$2	2.138	0.054	39.551	0.000
P5Q3U\$1	0.077	0.022	3.555	0.000
P5Q3U\$2	1.889	0.044	43.173	0.000
P5Q3V\$1	0.569	0.023	24.553	0.000
P5Q3V\$2	1.994	0.048	41.661	0.000
P5Q3AJ\$1	1.374	0.031	44.192	0.000
P5Q3AJ\$2	2.257	0.060	37.367	0.000
P5Q3BC\$1	1.607	0.036	44.896	0.000
P5Q3BC\$2	2.416	0.071	33.973	0.000
P5Q3BN\$1	0.921	0.025	36.224	0.000
P5Q3BN\$2	1.993	0.048	41.892	0.000
P5Q3CF\$1	0.476	0.023	20.996	0.000
P5Q3CF\$2	1.893	0.044	43.128	0.000
P5Q3CG\$1	0.609	0.023	26.193	0.000
P5Q3CG\$2	2.027	0.049	41.389	0.000
P5Q3CH\$1	1.096	0.027	40.182	0.000

P5Q3CH\$2	2.274	0.062	36.914	0.000
P5Q3CI\$1	1.292	0.030	43.345	0.000
P5Q3CI\$2	2.446	0.073	33.357	0.000
P5Q3CN\$1	0.951	0.026	37.006	0.000
P5Q3CN\$2	2.186	0.056	38.727	0.000
P5Q3C0\$1	0.554	0.023	24.127	0.000
P5Q3C0\$2	1.692	0.038	44.756	0.000
P5Q3CQ\$1	1.692	0.038	44.744	0.000
P5Q3CQ\$2	2.512	0.079	31.922	0.000
P5Q3CW\$1	0.791	0.024	32.457	0.000
P5Q3CW\$2	1.855	0.043	43.580	0.000

Variances

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

STANDARDIZED MODEL RESULTS

STDYX Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.660	0.018	37.327	0.000
K6B1B_R	0.770	0.017	45.217	0.000
K6B1C_R	0.774	0.016	47.106	0.000
K6B1D_R	0.640	0.021	30.063	0.000
SC9 BY				
K5E1A	0.689	0.023	29.720	0.000
K5E1B	0.598	0.023	25.674	0.000
K5E1C	0.760	0.022	34.283	0.000
K5E1D	0.739	0.026	28.689	0.000
INTERNAL BY				
K6D2AG_R	0.761	0.011	70.057	0.000
K6D2AI_R	0.575	0.016	35.667	0.000
K6D2D_R	0.642	0.015	43.589	0.000
K6D2J_R	0.579	0.015	39.459	0.000
K6D2T_R	0.673	0.014	47.014	0.000
K6D2AC_R	0.870	0.010	88.922	0.000
K6D2AK_R	0.562	0.016	34.208	0.000

K6D2C_R	0.603	0.015	39.172	0.000
K6D2N_R	0.834	0.010	87.410	0.000
K6D2X_R	0.757	0.016	46.308	0.000
EXTERN BY				
K6D2A_R	0.502	0.017	29.654	0.000
K6D2P_R	0.701	0.013	53.266	0.000
K6D2R_R	0.548	0.016	33.831	0.000
K6D2Z_R	0.575	0.016	36.025	0.000
K6D2AB_R	0.584	0.015	38.998	0.000
K6D2AJ_R	0.747	0.013	59.007	0.000
K6D61C	0.862	0.013	64.430	0.000
K6D61D	0.661	0.016	41.881	0.000
K6D61E	0.645	0.023	28.585	0.000
K6D61K	0.847	0.013	64.636	0.000
K6D61L	0.580	0.021	27.280	0.000
K6D61M	0.463	0.021	21.762	0.000
K6D40_R	0.643	0.027	23.735	0.000
K6D48_R	0.559	0.022	25.157	0.000
K6F63_R	0.606	0.020	30.271	0.000
K6F68_R	0.669	0.040	16.701	0.000
K6F74_R	0.665	0.035	18.853	0.000
PAF BY				
K6D2B_R	0.762	0.014	54.359	0.000
K6D2F_R	0.668	0.014	48.419	0.000
K6D2G_R	0.444	0.023	19.062	0.000
K6D2I_R	0.506	0.016	30.714	0.000
K6D2K_R	0.572	0.015	37.213	0.000
K6D2L_R	0.719	0.020	36.828	0.000
K6D2M_R	0.592	0.015	39.034	0.000
K6D2O_R	0.571	0.015	37.108	0.000
K6D2S_R	0.874	0.010	90.528	0.000
K6D2V_R	0.593	0.016	36.718	0.000
K6D2W_R	0.654	0.014	46.597	0.000
K6D2Y_R	0.653	0.017	38.702	0.000
K6D2AA_R	0.715	0.013	53.825	0.000
K6D2AE_R	0.469	0.016	28.499	0.000
K6D2AF_R	0.615	0.019	32.308	0.000
K6D2AH_R	0.484	0.018	26.539	0.000
INCBCL BY				
P5Q3M	0.653	0.021	31.714	0.000
P5Q3AB	0.464	0.021	22.333	0.000
P5Q3AD	0.611	0.023	26.577	0.000
P5Q3AF	0.738	0.020	37.536	0.000
P5Q3AH	0.809	0.023	35.287	0.000
P5Q3AR	0.637	0.024	26.063	0.000
P5Q3AV	0.699	0.021	33.858	0.000
P5Q3AX	0.761	0.026	28.921	0.000

P5Q3BQ	0.589	0.018	32.058	0.000
P5Q3CK	0.851	0.035	24.627	0.000
P5Q3DB	0.545	0.020	27.303	0.000
P5Q3E	0.481	0.027	18.078	0.000
P5Q3A0	0.593	0.023	26.192	0.000
P5Q3BK	0.649	0.024	27.318	0.000
P5Q3B0	0.644	0.019	33.083	0.000
P5Q3CU	0.640	0.027	23.905	0.000
P5Q3DA	0.717	0.023	30.857	0.000
P5Q3AS	0.570	0.019	29.352	0.000
P5Q3AU	0.518	0.032	16.249	0.000
P5Q3AZ	0.737	0.025	29.547	0.000
P5Q3BB1	0.633	0.026	24.419	0.000
P5Q3BB2	0.506	0.024	21.268	0.000
P5Q3BB5	0.437	0.028	15.761	0.000
P5Q3BB6	0.632	0.022	28.416	0.000
P5Q3BB7	0.617	0.033	18.407	0.000
EXCBCL BY				
P5Q3X	0.617	0.018	34.011	0.000
P5Q3AA	0.754	0.011	67.835	0.000
P5Q3AL	0.638	0.022	29.336	0.000
P5Q3AP	0.720	0.014	51.453	0.000
P5Q3BI	0.418	0.020	20.722	0.000
P5Q3BZ	0.745	0.028	26.540	0.000
P5Q3CJ	0.758	0.020	37.212	0.000
P5Q3C	0.616	0.016	38.579	0.000
P5Q30	0.765	0.016	48.091	0.000
P5Q3R	0.639	0.015	41.713	0.000
P5Q3S	0.786	0.013	58.268	0.000
P5Q3T	0.799	0.013	63.244	0.000
P5Q3U	0.738	0.012	63.983	0.000
P5Q3V	0.724	0.013	53.994	0.000
P5Q3AJ	0.757	0.018	42.304	0.000
P5Q3BC	0.831	0.018	44.953	0.000
P5Q3BN	0.724	0.016	45.423	0.000
P5Q3CF	0.739	0.013	57.672	0.000
P5Q3CG	0.758	0.013	59.667	0.000
P5Q3CH	0.711	0.018	39.742	0.000
P5Q3CI	0.669	0.024	27.535	0.000
P5Q3CN	0.678	0.018	37.620	0.000
P5Q3C0	0.774	0.012	65.406	0.000
P5Q3CQ	0.860	0.019	45.582	0.000
P5Q3CW	0.665	0.017	39.495	0.000
SC9 WITH				
SC15	0.214	0.026	8.161	0.000
INTERNAL WITH				
SC15	-0.405	0.020	-20.213	0.000

SC9	-0.115	0.024	-4.721	0.000
EXTERN WITH				
SC15	-0.323	0.020	-15.882	0.000
SC9	-0.108	0.023	-4.587	0.000
INTERNALIZ	0.479	0.016	30.136	0.000
PAF WITH				
SC15	0.558	0.018	30.755	0.000
SC9	0.161	0.024	6.647	0.000
INTERNALIZ	-0.608	0.014	-43.441	0.000
EXTERN	-0.266	0.019	-14.361	0.000
INCBCL WITH				
SC15	-0.125	0.027	-4.679	0.000
SC9	-0.132	0.025	-5.225	0.000
INTERNALIZ	0.177	0.024	7.271	0.000
EXTERN	0.108	0.024	4.462	0.000
PAF	-0.134	0.024	-5.711	0.000
EXCBCL WITH				
SC15	-0.153	0.024	-6.292	0.000
SC9	-0.163	0.024	-6.664	0.000
INTERNALIZ	0.127	0.022	5.732	0.000
EXTERN	0.272	0.020	13.824	0.000
PAF	-0.080	0.022	-3.605	0.000
INCBCL	0.749	0.012	61.182	0.000
Thresholds				
K6B1A_R\$1	-1.681	0.037	-45.170	0.000
K6B1A_R\$2	-1.146	0.028	-41.595	0.000
K6B1A_R\$3	0.064	0.022	2.956	0.003
K6B1B_R\$1	-1.784	0.040	-44.548	0.000
K6B1B_R\$2	-1.238	0.029	-43.042	0.000
K6B1B_R\$3	-0.158	0.022	-7.286	0.000
K6B1C_R\$1	-1.591	0.035	-45.370	0.000
K6B1C_R\$2	-1.199	0.028	-42.465	0.000
K6B1C_R\$3	-0.182	0.022	-8.385	0.000
K6B1D_R\$1	-1.968	0.046	-42.568	0.000
K6B1D_R\$2	-1.528	0.034	-45.324	0.000
K6B1D_R\$3	-0.535	0.023	-23.543	0.000
K5E1A\$1	-1.306	0.030	-43.259	0.000
K5E1A\$2	-0.902	0.025	-35.491	0.000
K5E1A\$3	-0.632	0.024	-26.859	0.000
K5E1A\$4	-0.225	0.022	-10.195	0.000
K5E1B\$1	-1.130	0.028	-40.803	0.000
K5E1B\$2	-0.728	0.024	-30.290	0.000
K5E1B\$3	-0.430	0.023	-19.053	0.000
K5E1B\$4	0.030	0.022	1.374	0.169
K5E1C\$1	-1.327	0.030	-43.729	0.000

K5E1C\$2	-0.977	0.026	-37.643	0.000
K5E1C\$3	-0.678	0.024	-28.651	0.000
K5E1C\$4	-0.240	0.022	-10.933	0.000
K5E1D\$1	-1.534	0.034	-44.857	0.000
K5E1D\$2	-1.247	0.029	-42.699	0.000
K5E1D\$3	-1.014	0.026	-38.451	0.000
K5E1D\$4	-0.638	0.023	-27.182	0.000
K6D2AG_R\$1	0.138	0.021	6.449	0.000
K6D2AG_R\$2	0.665	0.023	28.662	0.000
K6D2AG_R\$3	1.638	0.036	45.630	0.000
K6D2AI_R\$1	0.189	0.022	8.772	0.000
K6D2AI_R\$2	0.724	0.024	30.734	0.000
K6D2AI_R\$3	1.455	0.032	45.389	0.000
K6D2D_R\$1	0.238	0.022	10.984	0.000
K6D2D_R\$2	0.771	0.024	32.239	0.000
K6D2D_R\$3	1.588	0.035	45.619	0.000
K6D2J_R\$1	-0.486	0.022	-21.592	0.000
K6D2J_R\$2	0.215	0.022	9.892	0.000
K6D2J_R\$3	1.381	0.031	44.628	0.000
K6D2T_R\$1	0.374	0.022	17.038	0.000
K6D2T_R\$2	0.806	0.024	33.422	0.000
K6D2T_R\$3	1.582	0.035	45.714	0.000
K6D2AC_R\$1	0.497	0.022	22.203	0.000
K6D2AC_R\$2	0.933	0.025	37.113	0.000
K6D2AC_R\$3	1.780	0.040	44.902	0.000
K6D2AK_R\$1	-0.013	0.021	-0.615	0.539
K6D2AK_R\$2	0.518	0.022	23.061	0.000
K6D2AK_R\$3	1.381	0.031	44.927	0.000
K6D2C_R\$1	-0.269	0.022	-12.341	0.000
K6D2C_R\$2	0.206	0.022	9.500	0.000
K6D2C_R\$3	1.204	0.028	42.620	0.000
K6D2N_R\$1	0.215	0.022	9.946	0.000
K6D2N_R\$2	0.786	0.024	32.772	0.000
K6D2N_R\$3	1.732	0.038	45.216	0.000
K6D2X_R\$1	1.013	0.026	39.102	0.000
K6D2X_R\$2	1.422	0.031	45.220	0.000
K6D2X_R\$3	2.144	0.053	40.087	0.000
K6D2A_R\$1	-0.927	0.025	-36.953	0.000
K6D2A_R\$2	-0.345	0.022	-15.785	0.000
K6D2A_R\$3	0.923	0.025	36.863	0.000
K6D2P_R\$1	-0.645	0.023	-27.940	0.000
K6D2P_R\$2	-0.052	0.021	-2.423	0.015
K6D2P_R\$3	1.048	0.026	39.914	0.000
K6D2R_R\$1	-0.925	0.025	-36.880	0.000
K6D2R_R\$2	-0.204	0.022	-9.469	0.000
K6D2R_R\$3	1.061	0.026	40.189	0.000
K6D2Z_R\$1	-0.872	0.025	-35.393	0.000
K6D2Z_R\$2	-0.259	0.022	-11.970	0.000
K6D2Z_R\$3	1.015	0.026	39.159	0.000
K6D2AB_R\$1	-0.813	0.024	-33.632	0.000

K6D2AB_R\$2	-0.177	0.022	-8.221	0.000
K6D2AB_R\$3	0.841	0.024	34.513	0.000
K6D2AJ_R\$1	-0.231	0.022	-10.708	0.000
K6D2AJ_R\$2	0.274	0.022	12.647	0.000
K6D2AJ_R\$3	1.161	0.028	42.141	0.000
K6D61C\$1	1.400	0.031	45.043	0.000
K6D61C\$2	2.158	0.054	39.806	0.000
K6D61C\$3	2.457	0.073	33.629	0.000
K6D61D\$1	0.673	0.023	28.936	0.000
K6D61D\$2	1.539	0.034	45.637	0.000
K6D61D\$3	1.948	0.045	43.103	0.000
K6D61E\$1	1.308	0.030	44.181	0.000
K6D61E\$2	2.095	0.051	40.900	0.000
K6D61E\$3	2.457	0.073	33.621	0.000
K6D61K\$1	1.345	0.030	44.572	0.000
K6D61K\$2	2.150	0.054	39.933	0.000
K6D61K\$3	2.401	0.069	34.865	0.000
K6D61L\$1	1.148	0.027	41.885	0.000
K6D61L\$2	1.963	0.046	42.911	0.000
K6D61L\$3	2.298	0.062	37.085	0.000
K6D61M\$1	0.616	0.023	26.816	0.000
K6D61M\$2	1.510	0.033	45.538	0.000
K6D61M\$3	1.888	0.043	43.800	0.000
K6D40_R\$1	1.608	0.035	45.655	0.000
K6D48_R\$1	0.954	0.025	37.628	0.000
K6F63_R\$1	0.782	0.024	32.614	0.000
K6F68_R\$1	2.143	0.053	40.050	0.000
K6F74_R\$1	2.039	0.049	41.792	0.000
K6D2B_R\$1	-2.064	0.050	-41.463	0.000
K6D2B_R\$2	-1.658	0.036	-45.579	0.000
K6D2B_R\$3	-0.672	0.023	-28.904	0.000
K6D2F_R\$1	-1.881	0.043	-43.970	0.000
K6D2F_R\$2	-1.393	0.031	-45.047	0.000
K6D2F_R\$3	-0.143	0.021	-6.685	0.000
K6D2G_R\$1	-2.174	0.055	-39.558	0.000
K6D2G_R\$2	-1.921	0.044	-43.510	0.000
K6D2G_R\$3	-0.924	0.025	-36.884	0.000
K6D2I_R\$1	-1.898	0.043	-43.759	0.000
K6D2I_R\$2	-1.228	0.028	-43.202	0.000
K6D2I_R\$3	0.135	0.021	6.296	0.000
K6D2K_R\$1	-2.040	0.049	-41.838	0.000
K6D2K_R\$2	-1.350	0.030	-44.670	0.000
K6D2K_R\$3	0.045	0.021	2.082	0.037
K6D2L_R\$1	-2.523	0.078	-32.178	0.000
K6D2L_R\$2	-2.152	0.054	-39.974	0.000
K6D2L_R\$3	-1.217	0.028	-43.078	0.000
K6D2M_R\$1	-2.259	0.060	-37.912	0.000
K6D2M_R\$2	-1.588	0.035	-45.726	0.000
K6D2M_R\$3	-0.001	0.021	-0.051	0.959
K6D20_R\$1	-1.496	0.033	-45.585	0.000

K6D20_R\$2	-1.181	0.028	-42.485	0.000
K6D20_R\$3	-0.268	0.022	-12.375	0.000
K6D2S_R\$1	-2.174	0.055	-39.558	0.000
K6D2S_R\$2	-1.617	0.035	-45.694	0.000
K6D2S_R\$3	-0.407	0.022	-18.487	0.000
K6D2V_R\$1	-2.365	0.066	-35.712	0.000
K6D2V_R\$2	-1.877	0.043	-44.022	0.000
K6D2V_R\$3	-0.299	0.022	-13.779	0.000
K6D2W_R\$1	-2.116	0.052	-40.596	0.000
K6D2W_R\$2	-1.437	0.032	-45.327	0.000
K6D2W_R\$3	-0.173	0.022	-8.033	0.000
K6D2Y_R\$1	-2.130	0.053	-40.353	0.000
K6D2Y_R\$2	-1.647	0.036	-45.614	0.000
K6D2Y_R\$3	-0.673	0.023	-28.970	0.000
K6D2AA_R\$1	-2.167	0.055	-39.700	0.000
K6D2AA_R\$2	-1.636	0.036	-45.656	0.000
K6D2AA_R\$3	-0.428	0.022	-19.365	0.000
K6D2AE_R\$1	-1.872	0.043	-44.028	0.000
K6D2AE_R\$2	-1.164	0.028	-42.170	0.000
K6D2AE_R\$3	0.308	0.022	14.135	0.000
K6D2AF_R\$1	-2.259	0.060	-37.909	0.000
K6D2AF_R\$2	-1.926	0.044	-43.448	0.000
K6D2AF_R\$3	-0.817	0.024	-33.781	0.000
K6D2AH_R\$1	-1.876	0.043	-43.755	0.000
K6D2AH_R\$2	-1.484	0.033	-45.267	0.000
K6D2AH_R\$3	-0.266	0.022	-12.226	0.000
P5Q3M\$1	0.954	0.026	37.041	0.000
P5Q3M\$2	1.992	0.048	41.852	0.000
P5Q3AB\$1	0.485	0.023	21.363	0.000
P5Q3AB\$2	1.888	0.044	43.138	0.000
P5Q3AD\$1	1.072	0.027	39.757	0.000
P5Q3AD\$2	2.145	0.054	39.401	0.000
P5Q3AF\$1	1.199	0.028	42.089	0.000
P5Q3AF\$2	2.318	0.064	36.103	0.000
P5Q3AH\$1	1.603	0.036	44.969	0.000
P5Q3AH\$2	2.494	0.077	32.303	0.000
P5Q3AR\$1	1.297	0.030	43.436	0.000
P5Q3AR\$2	2.307	0.063	36.343	0.000
P5Q3AV\$1	1.180	0.028	41.819	0.000
P5Q3AV\$2	2.257	0.060	37.367	0.000
P5Q3AX\$1	1.590	0.035	45.000	0.000
P5Q3AX\$2	2.635	0.091	29.110	0.000
P5Q3BQ\$1	0.270	0.022	12.269	0.000
P5Q3BQ\$2	1.858	0.043	43.480	0.000
P5Q3CK\$1	2.039	0.049	41.214	0.000
P5Q3CK\$2	2.612	0.088	29.651	0.000
P5Q3DB\$1	0.460	0.023	20.219	0.000
P5Q3DB\$2	1.857	0.043	43.234	0.000
P5Q3E\$1	1.027	0.027	38.718	0.000
P5Q3E\$2	1.938	0.046	42.474	0.000

P5Q3A0\$1	1.011	0.026	38.439	0.000
P5Q3A0\$2	2.103	0.052	40.163	0.000
P5Q3BK\$1	1.206	0.029	42.172	0.000
P5Q3BK\$2	2.364	0.067	35.113	0.000
P5Q3B0\$1	0.862	0.025	34.582	0.000
P5Q3B0\$2	2.178	0.056	38.873	0.000
P5Q3CU\$1	1.380	0.031	44.239	0.000
P5Q3CU\$2	2.276	0.062	36.976	0.000
P5Q3DA\$1	1.336	0.031	43.781	0.000
P5Q3DA\$2	2.493	0.077	32.283	0.000
P5Q3AS\$1	0.757	0.024	31.334	0.000
P5Q3AS\$2	2.404	0.070	34.299	0.000
P5Q3AU\$1	1.411	0.032	44.409	0.000
P5Q3AU\$2	2.318	0.064	36.093	0.000
P5Q3AZ\$1	1.494	0.033	44.867	0.000
P5Q3AZ\$2	2.390	0.069	34.592	0.000
P5Q3BB1\$1	1.320	0.030	43.632	0.000
P5Q3BB1\$2	2.377	0.068	34.846	0.000
P5Q3BB2\$1	0.897	0.025	35.480	0.000
P5Q3BB2\$2	2.160	0.055	39.105	0.000
P5Q3BB5\$1	1.086	0.027	39.990	0.000
P5Q3BB5\$2	1.969	0.047	42.091	0.000
P5Q3BB6\$1	1.142	0.028	41.102	0.000
P5Q3BB6\$2	2.403	0.070	34.282	0.000
P5Q3BB7\$1	1.609	0.036	44.698	0.000
P5Q3BB7\$2	2.473	0.076	32.574	0.000
P5Q3X\$1	0.763	0.024	31.499	0.000
P5Q3X\$2	1.897	0.044	43.037	0.000
P5Q3AA\$1	0.153	0.022	7.005	0.000
P5Q3AA\$2	1.911	0.045	42.906	0.000
P5Q3AL\$1	1.215	0.029	42.344	0.000
P5Q3AL\$2	2.404	0.070	34.299	0.000
P5Q3AP\$1	0.531	0.023	23.191	0.000
P5Q3AP\$2	2.103	0.052	40.171	0.000
P5Q3BI\$1	0.251	0.022	11.398	0.000
P5Q3BI\$2	1.590	0.035	44.980	0.000
P5Q3BZ\$1	1.711	0.038	44.670	0.000
P5Q3BZ\$2	2.378	0.068	34.881	0.000
P5Q3CJ\$1	1.507	0.034	44.880	0.000
P5Q3CJ\$2	2.494	0.077	32.298	0.000
P5Q3C\$1	0.017	0.022	0.801	0.423
P5Q3C\$2	1.321	0.030	43.503	0.000
P5Q30\$1	1.117	0.027	40.656	0.000
P5Q30\$2	2.138	0.054	39.532	0.000
P5Q3R\$1	0.257	0.022	11.694	0.000
P5Q3R\$2	1.391	0.031	44.298	0.000
P5Q3S\$1	1.029	0.026	38.855	0.000
P5Q3S\$2	1.951	0.046	42.437	0.000
P5Q3T\$1	1.009	0.026	38.410	0.000
P5Q3T\$2	2.138	0.054	39.551	0.000

P5Q3U\$1	0.077	0.022	3.555	0.000
P5Q3U\$2	1.889	0.044	43.173	0.000
P5Q3V\$1	0.569	0.023	24.553	0.000
P5Q3V\$2	1.994	0.048	41.661	0.000
P5Q3AJ\$1	1.374	0.031	44.192	0.000
P5Q3AJ\$2	2.257	0.060	37.367	0.000
P5Q3BC\$1	1.607	0.036	44.896	0.000
P5Q3BC\$2	2.416	0.071	33.973	0.000
P5Q3BN\$1	0.921	0.025	36.224	0.000
P5Q3BN\$2	1.993	0.048	41.892	0.000
P5Q3CF\$1	0.476	0.023	20.996	0.000
P5Q3CF\$2	1.893	0.044	43.128	0.000
P5Q3CG\$1	0.609	0.023	26.193	0.000
P5Q3CG\$2	2.027	0.049	41.389	0.000
P5Q3CH\$1	1.096	0.027	40.182	0.000
P5Q3CH\$2	2.274	0.062	36.914	0.000
P5Q3CI\$1	1.292	0.030	43.345	0.000
P5Q3CI\$2	2.446	0.073	33.357	0.000
P5Q3CN\$1	0.951	0.026	37.006	0.000
P5Q3CN\$2	2.186	0.056	38.727	0.000
P5Q3C0\$1	0.554	0.023	24.127	0.000
P5Q3C0\$2	1.692	0.038	44.756	0.000
P5Q3CQ\$1	1.692	0.038	44.744	0.000
P5Q3CQ\$2	2.512	0.079	31.922	0.000
P5Q3CW\$1	0.791	0.024	32.457	0.000
P5Q3CW\$2	1.855	0.043	43.580	0.000

Variances

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

STDY Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.660	0.018	37.327	0.000
K6B1B_R	0.770	0.017	45.217	0.000
K6B1C_R	0.774	0.016	47.106	0.000
K6B1D_R	0.640	0.021	30.063	0.000
SC9 BY				
K5E1A	0.689	0.023	29.720	0.000

K5E1B	0.598	0.023	25.674	0.000
K5E1C	0.760	0.022	34.283	0.000
K5E1D	0.739	0.026	28.689	0.000
INTERNAL BY				
K6D2AG_R	0.761	0.011	70.057	0.000
K6D2AI_R	0.575	0.016	35.667	0.000
K6D2D_R	0.642	0.015	43.589	0.000
K6D2J_R	0.579	0.015	39.459	0.000
K6D2T_R	0.673	0.014	47.014	0.000
K6D2AC_R	0.870	0.010	88.922	0.000
K6D2AK_R	0.562	0.016	34.208	0.000
K6D2C_R	0.603	0.015	39.172	0.000
K6D2N_R	0.834	0.010	87.410	0.000
K6D2X_R	0.757	0.016	46.308	0.000
EXTERN BY				
K6D2A_R	0.502	0.017	29.654	0.000
K6D2P_R	0.701	0.013	53.266	0.000
K6D2R_R	0.548	0.016	33.831	0.000
K6D2Z_R	0.575	0.016	36.025	0.000
K6D2AB_R	0.584	0.015	38.998	0.000
K6D2AJ_R	0.747	0.013	59.007	0.000
K6D61C	0.862	0.013	64.430	0.000
K6D61D	0.661	0.016	41.881	0.000
K6D61E	0.645	0.023	28.585	0.000
K6D61K	0.847	0.013	64.636	0.000
K6D61L	0.580	0.021	27.280	0.000
K6D61M	0.463	0.021	21.762	0.000
K6D40_R	0.643	0.027	23.735	0.000
K6D48_R	0.559	0.022	25.157	0.000
K6F63_R	0.606	0.020	30.271	0.000
K6F68_R	0.669	0.040	16.701	0.000
K6F74_R	0.665	0.035	18.853	0.000
PAF BY				
K6D2B_R	0.762	0.014	54.359	0.000
K6D2F_R	0.668	0.014	48.419	0.000
K6D2G_R	0.444	0.023	19.062	0.000
K6D2I_R	0.506	0.016	30.714	0.000
K6D2K_R	0.572	0.015	37.213	0.000
K6D2L_R	0.719	0.020	36.828	0.000
K6D2M_R	0.592	0.015	39.034	0.000
K6D2O_R	0.571	0.015	37.108	0.000
K6D2S_R	0.874	0.010	90.528	0.000
K6D2V_R	0.593	0.016	36.718	0.000
K6D2W_R	0.654	0.014	46.597	0.000
K6D2Y_R	0.653	0.017	38.702	0.000
K6D2AA_R	0.715	0.013	53.825	0.000
K6D2AE_R	0.469	0.016	28.499	0.000

K6D2AF_R	0.615	0.019	32.308	0.000
K6D2AH_R	0.484	0.018	26.539	0.000
INCBCL BY				
P5Q3M	0.653	0.021	31.714	0.000
P5Q3AB	0.464	0.021	22.333	0.000
P5Q3AD	0.611	0.023	26.577	0.000
P5Q3AF	0.738	0.020	37.536	0.000
P5Q3AH	0.809	0.023	35.287	0.000
P5Q3AR	0.637	0.024	26.063	0.000
P5Q3AV	0.699	0.021	33.858	0.000
P5Q3AX	0.761	0.026	28.921	0.000
P5Q3BQ	0.589	0.018	32.058	0.000
P5Q3CK	0.851	0.035	24.627	0.000
P5Q3DB	0.545	0.020	27.303	0.000
P5Q3E	0.481	0.027	18.078	0.000
P5Q3A0	0.593	0.023	26.192	0.000
P5Q3BK	0.649	0.024	27.318	0.000
P5Q3B0	0.644	0.019	33.083	0.000
P5Q3CU	0.640	0.027	23.905	0.000
P5Q3DA	0.717	0.023	30.857	0.000
P5Q3AS	0.570	0.019	29.352	0.000
P5Q3AU	0.518	0.032	16.249	0.000
P5Q3AZ	0.737	0.025	29.547	0.000
P5Q3BB1	0.633	0.026	24.419	0.000
P5Q3BB2	0.506	0.024	21.268	0.000
P5Q3BB5	0.437	0.028	15.761	0.000
P5Q3BB6	0.632	0.022	28.416	0.000
P5Q3BB7	0.617	0.033	18.407	0.000
EXCBCL BY				
P5Q3X	0.617	0.018	34.011	0.000
P5Q3AA	0.754	0.011	67.835	0.000
P5Q3AL	0.638	0.022	29.336	0.000
P5Q3AP	0.720	0.014	51.453	0.000
P5Q3BI	0.418	0.020	20.722	0.000
P5Q3BZ	0.745	0.028	26.540	0.000
P5Q3CJ	0.758	0.020	37.212	0.000
P5Q3C	0.616	0.016	38.579	0.000
P5Q30	0.765	0.016	48.091	0.000
P5Q3R	0.639	0.015	41.713	0.000
P5Q3S	0.786	0.013	58.268	0.000
P5Q3T	0.799	0.013	63.244	0.000
P5Q3U	0.738	0.012	63.983	0.000
P5Q3V	0.724	0.013	53.994	0.000
P5Q3AJ	0.757	0.018	42.304	0.000
P5Q3BC	0.831	0.018	44.953	0.000
P5Q3BN	0.724	0.016	45.423	0.000
P5Q3CF	0.739	0.013	57.672	0.000
P5Q3CG	0.758	0.013	59.667	0.000

P5Q3CH	0.711	0.018	39.742	0.000
P5Q3CI	0.669	0.024	27.535	0.000
P5Q3CN	0.678	0.018	37.620	0.000
P5Q3C0	0.774	0.012	65.406	0.000
P5Q3CQ	0.860	0.019	45.582	0.000
P5Q3CW	0.665	0.017	39.495	0.000
SC9 WITH				
SC15	0.214	0.026	8.161	0.000
INTERNAL WITH				
SC15	-0.405	0.020	-20.213	0.000
SC9	-0.115	0.024	-4.721	0.000
EXTERN WITH				
SC15	-0.323	0.020	-15.882	0.000
SC9	-0.108	0.023	-4.587	0.000
INTERNALIZ	0.479	0.016	30.136	0.000
PAF WITH				
SC15	0.558	0.018	30.755	0.000
SC9	0.161	0.024	6.647	0.000
INTERNALIZ	-0.608	0.014	-43.441	0.000
EXTERN	-0.266	0.019	-14.361	0.000
INCBCL WITH				
SC15	-0.125	0.027	-4.679	0.000
SC9	-0.132	0.025	-5.225	0.000
INTERNALIZ	0.177	0.024	7.271	0.000
EXTERN	0.108	0.024	4.462	0.000
PAF	-0.134	0.024	-5.711	0.000
EXCBCL WITH				
SC15	-0.153	0.024	-6.292	0.000
SC9	-0.163	0.024	-6.664	0.000
INTERNALIZ	0.127	0.022	5.732	0.000
EXTERN	0.272	0.020	13.824	0.000
PAF	-0.080	0.022	-3.605	0.000
INCBCL	0.749	0.012	61.182	0.000
Thresholds				
K6B1A_R\$1	-1.681	0.037	-45.170	0.000
K6B1A_R\$2	-1.146	0.028	-41.595	0.000
K6B1A_R\$3	0.064	0.022	2.956	0.003
K6B1B_R\$1	-1.784	0.040	-44.548	0.000
K6B1B_R\$2	-1.238	0.029	-43.042	0.000
K6B1B_R\$3	-0.158	0.022	-7.286	0.000
K6B1C_R\$1	-1.591	0.035	-45.370	0.000
K6B1C_R\$2	-1.199	0.028	-42.465	0.000
K6B1C_R\$3	-0.182	0.022	-8.385	0.000

K6B1D_R\$1	-1.968	0.046	-42.568	0.000
K6B1D_R\$2	-1.528	0.034	-45.324	0.000
K6B1D_R\$3	-0.535	0.023	-23.543	0.000
K5E1A\$1	-1.306	0.030	-43.259	0.000
K5E1A\$2	-0.902	0.025	-35.491	0.000
K5E1A\$3	-0.632	0.024	-26.859	0.000
K5E1A\$4	-0.225	0.022	-10.195	0.000
K5E1B\$1	-1.130	0.028	-40.803	0.000
K5E1B\$2	-0.728	0.024	-30.290	0.000
K5E1B\$3	-0.430	0.023	-19.053	0.000
K5E1B\$4	0.030	0.022	1.374	0.169
K5E1C\$1	-1.327	0.030	-43.729	0.000
K5E1C\$2	-0.977	0.026	-37.643	0.000
K5E1C\$3	-0.678	0.024	-28.651	0.000
K5E1C\$4	-0.240	0.022	-10.933	0.000
K5E1D\$1	-1.534	0.034	-44.857	0.000
K5E1D\$2	-1.247	0.029	-42.699	0.000
K5E1D\$3	-1.014	0.026	-38.451	0.000
K5E1D\$4	-0.638	0.023	-27.182	0.000
K6D2AG_R\$1	0.138	0.021	6.449	0.000
K6D2AG_R\$2	0.665	0.023	28.662	0.000
K6D2AG_R\$3	1.638	0.036	45.630	0.000
K6D2AI_R\$1	0.189	0.022	8.772	0.000
K6D2AI_R\$2	0.724	0.024	30.734	0.000
K6D2AI_R\$3	1.455	0.032	45.389	0.000
K6D2D_R\$1	0.238	0.022	10.984	0.000
K6D2D_R\$2	0.771	0.024	32.239	0.000
K6D2D_R\$3	1.588	0.035	45.619	0.000
K6D2J_R\$1	-0.486	0.022	-21.592	0.000
K6D2J_R\$2	0.215	0.022	9.892	0.000
K6D2J_R\$3	1.381	0.031	44.628	0.000
K6D2T_R\$1	0.374	0.022	17.038	0.000
K6D2T_R\$2	0.806	0.024	33.422	0.000
K6D2T_R\$3	1.582	0.035	45.714	0.000
K6D2AC_R\$1	0.497	0.022	22.203	0.000
K6D2AC_R\$2	0.933	0.025	37.113	0.000
K6D2AC_R\$3	1.780	0.040	44.902	0.000
K6D2AK_R\$1	-0.013	0.021	-0.615	0.539
K6D2AK_R\$2	0.518	0.022	23.061	0.000
K6D2AK_R\$3	1.381	0.031	44.927	0.000
K6D2C_R\$1	-0.269	0.022	-12.341	0.000
K6D2C_R\$2	0.206	0.022	9.500	0.000
K6D2C_R\$3	1.204	0.028	42.620	0.000
K6D2N_R\$1	0.215	0.022	9.946	0.000
K6D2N_R\$2	0.786	0.024	32.772	0.000
K6D2N_R\$3	1.732	0.038	45.216	0.000
K6D2X_R\$1	1.013	0.026	39.102	0.000
K6D2X_R\$2	1.422	0.031	45.220	0.000
K6D2X_R\$3	2.144	0.053	40.087	0.000
K6D2A_R\$1	-0.927	0.025	-36.953	0.000

K6D2A_R\$2	-0.345	0.022	-15.785	0.000
K6D2A_R\$3	0.923	0.025	36.863	0.000
K6D2P_R\$1	-0.645	0.023	-27.940	0.000
K6D2P_R\$2	-0.052	0.021	-2.423	0.015
K6D2P_R\$3	1.048	0.026	39.914	0.000
K6D2R_R\$1	-0.925	0.025	-36.880	0.000
K6D2R_R\$2	-0.204	0.022	-9.469	0.000
K6D2R_R\$3	1.061	0.026	40.189	0.000
K6D2Z_R\$1	-0.872	0.025	-35.393	0.000
K6D2Z_R\$2	-0.259	0.022	-11.970	0.000
K6D2Z_R\$3	1.015	0.026	39.159	0.000
K6D2AB_R\$1	-0.813	0.024	-33.632	0.000
K6D2AB_R\$2	-0.177	0.022	-8.221	0.000
K6D2AB_R\$3	0.841	0.024	34.513	0.000
K6D2AJ_R\$1	-0.231	0.022	-10.708	0.000
K6D2AJ_R\$2	0.274	0.022	12.647	0.000
K6D2AJ_R\$3	1.161	0.028	42.141	0.000
K6D61C\$1	1.400	0.031	45.043	0.000
K6D61C\$2	2.158	0.054	39.806	0.000
K6D61C\$3	2.457	0.073	33.629	0.000
K6D61D\$1	0.673	0.023	28.936	0.000
K6D61D\$2	1.539	0.034	45.637	0.000
K6D61D\$3	1.948	0.045	43.103	0.000
K6D61E\$1	1.308	0.030	44.181	0.000
K6D61E\$2	2.095	0.051	40.900	0.000
K6D61E\$3	2.457	0.073	33.621	0.000
K6D61K\$1	1.345	0.030	44.572	0.000
K6D61K\$2	2.150	0.054	39.933	0.000
K6D61K\$3	2.401	0.069	34.865	0.000
K6D61L\$1	1.148	0.027	41.885	0.000
K6D61L\$2	1.963	0.046	42.911	0.000
K6D61L\$3	2.298	0.062	37.085	0.000
K6D61M\$1	0.616	0.023	26.816	0.000
K6D61M\$2	1.510	0.033	45.538	0.000
K6D61M\$3	1.888	0.043	43.800	0.000
K6D40_R\$1	1.608	0.035	45.655	0.000
K6D48_R\$1	0.954	0.025	37.628	0.000
K6F63_R\$1	0.782	0.024	32.614	0.000
K6F68_R\$1	2.143	0.053	40.050	0.000
K6F74_R\$1	2.039	0.049	41.792	0.000
K6D2B_R\$1	-2.064	0.050	-41.463	0.000
K6D2B_R\$2	-1.658	0.036	-45.579	0.000
K6D2B_R\$3	-0.672	0.023	-28.904	0.000
K6D2F_R\$1	-1.881	0.043	-43.970	0.000
K6D2F_R\$2	-1.393	0.031	-45.047	0.000
K6D2F_R\$3	-0.143	0.021	-6.685	0.000
K6D2G_R\$1	-2.174	0.055	-39.558	0.000
K6D2G_R\$2	-1.921	0.044	-43.510	0.000
K6D2G_R\$3	-0.924	0.025	-36.884	0.000
K6D2I_R\$1	-1.898	0.043	-43.759	0.000

K6D2I_R\$2	-1.228	0.028	-43.202	0.000
K6D2I_R\$3	0.135	0.021	6.296	0.000
K6D2K_R\$1	-2.040	0.049	-41.838	0.000
K6D2K_R\$2	-1.350	0.030	-44.670	0.000
K6D2K_R\$3	0.045	0.021	2.082	0.037
K6D2L_R\$1	-2.523	0.078	-32.178	0.000
K6D2L_R\$2	-2.152	0.054	-39.974	0.000
K6D2L_R\$3	-1.217	0.028	-43.078	0.000
K6D2M_R\$1	-2.259	0.060	-37.912	0.000
K6D2M_R\$2	-1.588	0.035	-45.726	0.000
K6D2M_R\$3	-0.001	0.021	-0.051	0.959
K6D2O_R\$1	-1.496	0.033	-45.585	0.000
K6D2O_R\$2	-1.181	0.028	-42.485	0.000
K6D2O_R\$3	-0.268	0.022	-12.375	0.000
K6D2S_R\$1	-2.174	0.055	-39.558	0.000
K6D2S_R\$2	-1.617	0.035	-45.694	0.000
K6D2S_R\$3	-0.407	0.022	-18.487	0.000
K6D2V_R\$1	-2.365	0.066	-35.712	0.000
K6D2V_R\$2	-1.877	0.043	-44.022	0.000
K6D2V_R\$3	-0.299	0.022	-13.779	0.000
K6D2W_R\$1	-2.116	0.052	-40.596	0.000
K6D2W_R\$2	-1.437	0.032	-45.327	0.000
K6D2W_R\$3	-0.173	0.022	-8.033	0.000
K6D2Y_R\$1	-2.130	0.053	-40.353	0.000
K6D2Y_R\$2	-1.647	0.036	-45.614	0.000
K6D2Y_R\$3	-0.673	0.023	-28.970	0.000
K6D2AA_R\$1	-2.167	0.055	-39.700	0.000
K6D2AA_R\$2	-1.636	0.036	-45.656	0.000
K6D2AA_R\$3	-0.428	0.022	-19.365	0.000
K6D2AE_R\$1	-1.872	0.043	-44.028	0.000
K6D2AE_R\$2	-1.164	0.028	-42.170	0.000
K6D2AE_R\$3	0.308	0.022	14.135	0.000
K6D2AF_R\$1	-2.259	0.060	-37.909	0.000
K6D2AF_R\$2	-1.926	0.044	-43.448	0.000
K6D2AF_R\$3	-0.817	0.024	-33.781	0.000
K6D2AH_R\$1	-1.876	0.043	-43.755	0.000
K6D2AH_R\$2	-1.484	0.033	-45.267	0.000
K6D2AH_R\$3	-0.266	0.022	-12.226	0.000
P5Q3M\$1	0.954	0.026	37.041	0.000
P5Q3M\$2	1.992	0.048	41.852	0.000
P5Q3AB\$1	0.485	0.023	21.363	0.000
P5Q3AB\$2	1.888	0.044	43.138	0.000
P5Q3AD\$1	1.072	0.027	39.757	0.000
P5Q3AD\$2	2.145	0.054	39.401	0.000
P5Q3AF\$1	1.199	0.028	42.089	0.000
P5Q3AF\$2	2.318	0.064	36.103	0.000
P5Q3AH\$1	1.603	0.036	44.969	0.000
P5Q3AH\$2	2.494	0.077	32.303	0.000
P5Q3AR\$1	1.297	0.030	43.436	0.000
P5Q3AR\$2	2.307	0.063	36.343	0.000

P5Q3AV\$1	1.180	0.028	41.819	0.000
P5Q3AV\$2	2.257	0.060	37.367	0.000
P5Q3AX\$1	1.590	0.035	45.000	0.000
P5Q3AX\$2	2.635	0.091	29.110	0.000
P5Q3BQ\$1	0.270	0.022	12.269	0.000
P5Q3BQ\$2	1.858	0.043	43.480	0.000
P5Q3CK\$1	2.039	0.049	41.214	0.000
P5Q3CK\$2	2.612	0.088	29.651	0.000
P5Q3DB\$1	0.460	0.023	20.219	0.000
P5Q3DB\$2	1.857	0.043	43.234	0.000
P5Q3E\$1	1.027	0.027	38.718	0.000
P5Q3E\$2	1.938	0.046	42.474	0.000
P5Q3A0\$1	1.011	0.026	38.439	0.000
P5Q3A0\$2	2.103	0.052	40.163	0.000
P5Q3BK\$1	1.206	0.029	42.172	0.000
P5Q3BK\$2	2.364	0.067	35.113	0.000
P5Q3B0\$1	0.862	0.025	34.582	0.000
P5Q3B0\$2	2.178	0.056	38.873	0.000
P5Q3CU\$1	1.380	0.031	44.239	0.000
P5Q3CU\$2	2.276	0.062	36.976	0.000
P5Q3DA\$1	1.336	0.031	43.781	0.000
P5Q3DA\$2	2.493	0.077	32.283	0.000
P5Q3AS\$1	0.757	0.024	31.334	0.000
P5Q3AS\$2	2.404	0.070	34.299	0.000
P5Q3AU\$1	1.411	0.032	44.409	0.000
P5Q3AU\$2	2.318	0.064	36.093	0.000
P5Q3AZ\$1	1.494	0.033	44.867	0.000
P5Q3AZ\$2	2.390	0.069	34.592	0.000
P5Q3BB1\$1	1.320	0.030	43.632	0.000
P5Q3BB1\$2	2.377	0.068	34.846	0.000
P5Q3BB2\$1	0.897	0.025	35.480	0.000
P5Q3BB2\$2	2.160	0.055	39.105	0.000
P5Q3BB5\$1	1.086	0.027	39.990	0.000
P5Q3BB5\$2	1.969	0.047	42.091	0.000
P5Q3BB6\$1	1.142	0.028	41.102	0.000
P5Q3BB6\$2	2.403	0.070	34.282	0.000
P5Q3BB7\$1	1.609	0.036	44.698	0.000
P5Q3BB7\$2	2.473	0.076	32.574	0.000
P5Q3X\$1	0.763	0.024	31.499	0.000
P5Q3X\$2	1.897	0.044	43.037	0.000
P5Q3AA\$1	0.153	0.022	7.005	0.000
P5Q3AA\$2	1.911	0.045	42.906	0.000
P5Q3AL\$1	1.215	0.029	42.344	0.000
P5Q3AL\$2	2.404	0.070	34.299	0.000
P5Q3AP\$1	0.531	0.023	23.191	0.000
P5Q3AP\$2	2.103	0.052	40.171	0.000
P5Q3BI\$1	0.251	0.022	11.398	0.000
P5Q3BI\$2	1.590	0.035	44.980	0.000
P5Q3BZ\$1	1.711	0.038	44.670	0.000
P5Q3BZ\$2	2.378	0.068	34.881	0.000

P5Q3CJ\$1	1.507	0.034	44.880	0.000
P5Q3CJ\$2	2.494	0.077	32.298	0.000
P5Q3C\$1	0.017	0.022	0.801	0.423
P5Q3C\$2	1.321	0.030	43.503	0.000
P5Q30\$1	1.117	0.027	40.656	0.000
P5Q30\$2	2.138	0.054	39.532	0.000
P5Q3R\$1	0.257	0.022	11.694	0.000
P5Q3R\$2	1.391	0.031	44.298	0.000
P5Q3S\$1	1.029	0.026	38.855	0.000
P5Q3S\$2	1.951	0.046	42.437	0.000
P5Q3T\$1	1.009	0.026	38.410	0.000
P5Q3T\$2	2.138	0.054	39.551	0.000
P5Q3U\$1	0.077	0.022	3.555	0.000
P5Q3U\$2	1.889	0.044	43.173	0.000
P5Q3V\$1	0.569	0.023	24.553	0.000
P5Q3V\$2	1.994	0.048	41.661	0.000
P5Q3AJ\$1	1.374	0.031	44.192	0.000
P5Q3AJ\$2	2.257	0.060	37.367	0.000
P5Q3BC\$1	1.607	0.036	44.896	0.000
P5Q3BC\$2	2.416	0.071	33.973	0.000
P5Q3BN\$1	0.921	0.025	36.224	0.000
P5Q3BN\$2	1.993	0.048	41.892	0.000
P5Q3CF\$1	0.476	0.023	20.996	0.000
P5Q3CF\$2	1.893	0.044	43.128	0.000
P5Q3CG\$1	0.609	0.023	26.193	0.000
P5Q3CG\$2	2.027	0.049	41.389	0.000
P5Q3CH\$1	1.096	0.027	40.182	0.000
P5Q3CH\$2	2.274	0.062	36.914	0.000
P5Q3CI\$1	1.292	0.030	43.345	0.000
P5Q3CI\$2	2.446	0.073	33.357	0.000
P5Q3CN\$1	0.951	0.026	37.006	0.000
P5Q3CN\$2	2.186	0.056	38.727	0.000
P5Q3C0\$1	0.554	0.023	24.127	0.000
P5Q3C0\$2	1.692	0.038	44.756	0.000
P5Q3CQ\$1	1.692	0.038	44.744	0.000
P5Q3CQ\$2	2.512	0.079	31.922	0.000
P5Q3CW\$1	0.791	0.024	32.457	0.000
P5Q3CW\$2	1.855	0.043	43.580	0.000

Variances

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

STD Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.660	0.018	37.327	0.000
K6B1B_R	0.770	0.017	45.217	0.000
K6B1C_R	0.774	0.016	47.106	0.000
K6B1D_R	0.640	0.021	30.063	0.000
SC9 BY				
K5E1A	0.689	0.023	29.720	0.000
K5E1B	0.598	0.023	25.674	0.000
K5E1C	0.760	0.022	34.283	0.000
K5E1D	0.739	0.026	28.689	0.000
INTERNAL BY				
K6D2AG_R	0.761	0.011	70.057	0.000
K6D2AI_R	0.575	0.016	35.667	0.000
K6D2D_R	0.642	0.015	43.589	0.000
K6D2J_R	0.579	0.015	39.459	0.000
K6D2T_R	0.673	0.014	47.014	0.000
K6D2AC_R	0.870	0.010	88.922	0.000
K6D2AK_R	0.562	0.016	34.208	0.000
K6D2C_R	0.603	0.015	39.172	0.000
K6D2N_R	0.834	0.010	87.410	0.000
K6D2X_R	0.757	0.016	46.308	0.000
EXTERN BY				
K6D2A_R	0.502	0.017	29.654	0.000
K6D2P_R	0.701	0.013	53.266	0.000
K6D2R_R	0.548	0.016	33.831	0.000
K6D2Z_R	0.575	0.016	36.025	0.000
K6D2AB_R	0.584	0.015	38.998	0.000
K6D2AJ_R	0.747	0.013	59.007	0.000
K6D61C	0.862	0.013	64.430	0.000
K6D61D	0.661	0.016	41.881	0.000
K6D61E	0.645	0.023	28.585	0.000
K6D61K	0.847	0.013	64.636	0.000
K6D61L	0.580	0.021	27.280	0.000
K6D61M	0.463	0.021	21.762	0.000
K6D40_R	0.643	0.027	23.735	0.000
K6D48_R	0.559	0.022	25.157	0.000
K6F63_R	0.606	0.020	30.271	0.000
K6F68_R	0.669	0.040	16.701	0.000
K6F74_R	0.665	0.035	18.853	0.000
PAF BY				
K6D2B_R	0.762	0.014	54.359	0.000
K6D2F_R	0.668	0.014	48.419	0.000

K6D2G_R	0.444	0.023	19.062	0.000
K6D2I_R	0.506	0.016	30.714	0.000
K6D2K_R	0.572	0.015	37.213	0.000
K6D2L_R	0.719	0.020	36.828	0.000
K6D2M_R	0.592	0.015	39.034	0.000
K6D2O_R	0.571	0.015	37.108	0.000
K6D2S_R	0.874	0.010	90.528	0.000
K6D2V_R	0.593	0.016	36.718	0.000
K6D2W_R	0.654	0.014	46.597	0.000
K6D2Y_R	0.653	0.017	38.702	0.000
K6D2AA_R	0.715	0.013	53.825	0.000
K6D2AE_R	0.469	0.016	28.499	0.000
K6D2AF_R	0.615	0.019	32.308	0.000
K6D2AH_R	0.484	0.018	26.539	0.000

INCBCL BY

P5Q3M	0.653	0.021	31.714	0.000
P5Q3AB	0.464	0.021	22.333	0.000
P5Q3AD	0.611	0.023	26.577	0.000
P5Q3AF	0.738	0.020	37.536	0.000
P5Q3AH	0.809	0.023	35.287	0.000
P5Q3AR	0.637	0.024	26.063	0.000
P5Q3AV	0.699	0.021	33.858	0.000
P5Q3AX	0.761	0.026	28.921	0.000
P5Q3BQ	0.589	0.018	32.058	0.000
P5Q3CK	0.851	0.035	24.627	0.000
P5Q3DB	0.545	0.020	27.303	0.000
P5Q3E	0.481	0.027	18.078	0.000
P5Q3A0	0.593	0.023	26.192	0.000
P5Q3BK	0.649	0.024	27.318	0.000
P5Q3B0	0.644	0.019	33.083	0.000
P5Q3CU	0.640	0.027	23.905	0.000
P5Q3DA	0.717	0.023	30.857	0.000
P5Q3AS	0.570	0.019	29.352	0.000
P5Q3AU	0.518	0.032	16.249	0.000
P5Q3AZ	0.737	0.025	29.547	0.000
P5Q3BB1	0.633	0.026	24.419	0.000
P5Q3BB2	0.506	0.024	21.268	0.000
P5Q3BB5	0.437	0.028	15.761	0.000
P5Q3BB6	0.632	0.022	28.416	0.000
P5Q3BB7	0.617	0.033	18.407	0.000

EXCBCL BY

P5Q3X	0.617	0.018	34.011	0.000
P5Q3AA	0.754	0.011	67.835	0.000
P5Q3AL	0.638	0.022	29.336	0.000
P5Q3AP	0.720	0.014	51.453	0.000
P5Q3BI	0.418	0.020	20.722	0.000
P5Q3BZ	0.745	0.028	26.540	0.000
P5Q3CJ	0.758	0.020	37.212	0.000

P5Q3C	0.616	0.016	38.579	0.000
P5Q30	0.765	0.016	48.091	0.000
P5Q3R	0.639	0.015	41.713	0.000
P5Q3S	0.786	0.013	58.268	0.000
P5Q3T	0.799	0.013	63.244	0.000
P5Q3U	0.738	0.012	63.983	0.000
P5Q3V	0.724	0.013	53.994	0.000
P5Q3AJ	0.757	0.018	42.304	0.000
P5Q3BC	0.831	0.018	44.953	0.000
P5Q3BN	0.724	0.016	45.423	0.000
P5Q3CF	0.739	0.013	57.672	0.000
P5Q3CG	0.758	0.013	59.667	0.000
P5Q3CH	0.711	0.018	39.742	0.000
P5Q3CI	0.669	0.024	27.535	0.000
P5Q3CN	0.678	0.018	37.620	0.000
P5Q3CO	0.774	0.012	65.406	0.000
P5Q3CQ	0.860	0.019	45.582	0.000
P5Q3CW	0.665	0.017	39.495	0.000
SC9 WITH				
SC15	0.214	0.026	8.161	0.000
INTERNAL WITH				
SC15	-0.405	0.020	-20.213	0.000
SC9	-0.115	0.024	-4.721	0.000
EXTERN WITH				
SC15	-0.323	0.020	-15.882	0.000
SC9	-0.108	0.023	-4.587	0.000
INTERNALIZ	0.479	0.016	30.136	0.000
PAF WITH				
SC15	0.558	0.018	30.755	0.000
SC9	0.161	0.024	6.647	0.000
INTERNALIZ	-0.608	0.014	-43.441	0.000
EXTERN	-0.266	0.019	-14.361	0.000
INCBCL WITH				
SC15	-0.125	0.027	-4.679	0.000
SC9	-0.132	0.025	-5.225	0.000
INTERNALIZ	0.177	0.024	7.271	0.000
EXTERN	0.108	0.024	4.462	0.000
PAF	-0.134	0.024	-5.711	0.000
EXCBCL WITH				
SC15	-0.153	0.024	-6.292	0.000
SC9	-0.163	0.024	-6.664	0.000
INTERNALIZ	0.127	0.022	5.732	0.000
EXTERN	0.272	0.020	13.824	0.000
PAF	-0.080	0.022	-3.605	0.000

INCBCL	0.749	0.012	61.182	0.000
Thresholds				
K6B1A_R\$1	-1.681	0.037	-45.170	0.000
K6B1A_R\$2	-1.146	0.028	-41.595	0.000
K6B1A_R\$3	0.064	0.022	2.956	0.003
K6B1B_R\$1	-1.784	0.040	-44.548	0.000
K6B1B_R\$2	-1.238	0.029	-43.042	0.000
K6B1B_R\$3	-0.158	0.022	-7.286	0.000
K6B1C_R\$1	-1.591	0.035	-45.370	0.000
K6B1C_R\$2	-1.199	0.028	-42.465	0.000
K6B1C_R\$3	-0.182	0.022	-8.385	0.000
K6B1D_R\$1	-1.968	0.046	-42.568	0.000
K6B1D_R\$2	-1.528	0.034	-45.324	0.000
K6B1D_R\$3	-0.535	0.023	-23.543	0.000
K5E1A\$1	-1.306	0.030	-43.259	0.000
K5E1A\$2	-0.902	0.025	-35.491	0.000
K5E1A\$3	-0.632	0.024	-26.859	0.000
K5E1A\$4	-0.225	0.022	-10.195	0.000
K5E1B\$1	-1.130	0.028	-40.803	0.000
K5E1B\$2	-0.728	0.024	-30.290	0.000
K5E1B\$3	-0.430	0.023	-19.053	0.000
K5E1B\$4	0.030	0.022	1.374	0.169
K5E1C\$1	-1.327	0.030	-43.729	0.000
K5E1C\$2	-0.977	0.026	-37.643	0.000
K5E1C\$3	-0.678	0.024	-28.651	0.000
K5E1C\$4	-0.240	0.022	-10.933	0.000
K5E1D\$1	-1.534	0.034	-44.857	0.000
K5E1D\$2	-1.247	0.029	-42.699	0.000
K5E1D\$3	-1.014	0.026	-38.451	0.000
K5E1D\$4	-0.638	0.023	-27.182	0.000
K6D2AG_R\$1	0.138	0.021	6.449	0.000
K6D2AG_R\$2	0.665	0.023	28.662	0.000
K6D2AG_R\$3	1.638	0.036	45.630	0.000
K6D2AI_R\$1	0.189	0.022	8.772	0.000
K6D2AI_R\$2	0.724	0.024	30.734	0.000
K6D2AI_R\$3	1.455	0.032	45.389	0.000
K6D2D_R\$1	0.238	0.022	10.984	0.000
K6D2D_R\$2	0.771	0.024	32.239	0.000
K6D2D_R\$3	1.588	0.035	45.619	0.000
K6D2J_R\$1	-0.486	0.022	-21.592	0.000
K6D2J_R\$2	0.215	0.022	9.892	0.000
K6D2J_R\$3	1.381	0.031	44.628	0.000
K6D2T_R\$1	0.374	0.022	17.038	0.000
K6D2T_R\$2	0.806	0.024	33.422	0.000
K6D2T_R\$3	1.582	0.035	45.714	0.000
K6D2AC_R\$1	0.497	0.022	22.203	0.000
K6D2AC_R\$2	0.933	0.025	37.113	0.000
K6D2AC_R\$3	1.780	0.040	44.902	0.000
K6D2AK_R\$1	-0.013	0.021	-0.615	0.539

K6D2AK_R\$2	0.518	0.022	23.061	0.000
K6D2AK_R\$3	1.381	0.031	44.927	0.000
K6D2C_R\$1	-0.269	0.022	-12.341	0.000
K6D2C_R\$2	0.206	0.022	9.500	0.000
K6D2C_R\$3	1.204	0.028	42.620	0.000
K6D2N_R\$1	0.215	0.022	9.946	0.000
K6D2N_R\$2	0.786	0.024	32.772	0.000
K6D2N_R\$3	1.732	0.038	45.216	0.000
K6D2X_R\$1	1.013	0.026	39.102	0.000
K6D2X_R\$2	1.422	0.031	45.220	0.000
K6D2X_R\$3	2.144	0.053	40.087	0.000
K6D2A_R\$1	-0.927	0.025	-36.953	0.000
K6D2A_R\$2	-0.345	0.022	-15.785	0.000
K6D2A_R\$3	0.923	0.025	36.863	0.000
K6D2P_R\$1	-0.645	0.023	-27.940	0.000
K6D2P_R\$2	-0.052	0.021	-2.423	0.015
K6D2P_R\$3	1.048	0.026	39.914	0.000
K6D2R_R\$1	-0.925	0.025	-36.880	0.000
K6D2R_R\$2	-0.204	0.022	-9.469	0.000
K6D2R_R\$3	1.061	0.026	40.189	0.000
K6D2Z_R\$1	-0.872	0.025	-35.393	0.000
K6D2Z_R\$2	-0.259	0.022	-11.970	0.000
K6D2Z_R\$3	1.015	0.026	39.159	0.000
K6D2AB_R\$1	-0.813	0.024	-33.632	0.000
K6D2AB_R\$2	-0.177	0.022	-8.221	0.000
K6D2AB_R\$3	0.841	0.024	34.513	0.000
K6D2AJ_R\$1	-0.231	0.022	-10.708	0.000
K6D2AJ_R\$2	0.274	0.022	12.647	0.000
K6D2AJ_R\$3	1.161	0.028	42.141	0.000
K6D61C\$1	1.400	0.031	45.043	0.000
K6D61C\$2	2.158	0.054	39.806	0.000
K6D61C\$3	2.457	0.073	33.629	0.000
K6D61D\$1	0.673	0.023	28.936	0.000
K6D61D\$2	1.539	0.034	45.637	0.000
K6D61D\$3	1.948	0.045	43.103	0.000
K6D61E\$1	1.308	0.030	44.181	0.000
K6D61E\$2	2.095	0.051	40.900	0.000
K6D61E\$3	2.457	0.073	33.621	0.000
K6D61K\$1	1.345	0.030	44.572	0.000
K6D61K\$2	2.150	0.054	39.933	0.000
K6D61K\$3	2.401	0.069	34.865	0.000
K6D61L\$1	1.148	0.027	41.885	0.000
K6D61L\$2	1.963	0.046	42.911	0.000
K6D61L\$3	2.298	0.062	37.085	0.000
K6D61M\$1	0.616	0.023	26.816	0.000
K6D61M\$2	1.510	0.033	45.538	0.000
K6D61M\$3	1.888	0.043	43.800	0.000
K6D40_R\$1	1.608	0.035	45.655	0.000
K6D48_R\$1	0.954	0.025	37.628	0.000
K6F63_R\$1	0.782	0.024	32.614	0.000

K6F68_R\$1	2.143	0.053	40.050	0.000
K6F74_R\$1	2.039	0.049	41.792	0.000
K6D2B_R\$1	-2.064	0.050	-41.463	0.000
K6D2B_R\$2	-1.658	0.036	-45.579	0.000
K6D2B_R\$3	-0.672	0.023	-28.904	0.000
K6D2F_R\$1	-1.881	0.043	-43.970	0.000
K6D2F_R\$2	-1.393	0.031	-45.047	0.000
K6D2F_R\$3	-0.143	0.021	-6.685	0.000
K6D2G_R\$1	-2.174	0.055	-39.558	0.000
K6D2G_R\$2	-1.921	0.044	-43.510	0.000
K6D2G_R\$3	-0.924	0.025	-36.884	0.000
K6D2I_R\$1	-1.898	0.043	-43.759	0.000
K6D2I_R\$2	-1.228	0.028	-43.202	0.000
K6D2I_R\$3	0.135	0.021	6.296	0.000
K6D2K_R\$1	-2.040	0.049	-41.838	0.000
K6D2K_R\$2	-1.350	0.030	-44.670	0.000
K6D2K_R\$3	0.045	0.021	2.082	0.037
K6D2L_R\$1	-2.523	0.078	-32.178	0.000
K6D2L_R\$2	-2.152	0.054	-39.974	0.000
K6D2L_R\$3	-1.217	0.028	-43.078	0.000
K6D2M_R\$1	-2.259	0.060	-37.912	0.000
K6D2M_R\$2	-1.588	0.035	-45.726	0.000
K6D2M_R\$3	-0.001	0.021	-0.051	0.959
K6D2O_R\$1	-1.496	0.033	-45.585	0.000
K6D2O_R\$2	-1.181	0.028	-42.485	0.000
K6D2O_R\$3	-0.268	0.022	-12.375	0.000
K6D2S_R\$1	-2.174	0.055	-39.558	0.000
K6D2S_R\$2	-1.617	0.035	-45.694	0.000
K6D2S_R\$3	-0.407	0.022	-18.487	0.000
K6D2V_R\$1	-2.365	0.066	-35.712	0.000
K6D2V_R\$2	-1.877	0.043	-44.022	0.000
K6D2V_R\$3	-0.299	0.022	-13.779	0.000
K6D2W_R\$1	-2.116	0.052	-40.596	0.000
K6D2W_R\$2	-1.437	0.032	-45.327	0.000
K6D2W_R\$3	-0.173	0.022	-8.033	0.000
K6D2Y_R\$1	-2.130	0.053	-40.353	0.000
K6D2Y_R\$2	-1.647	0.036	-45.614	0.000
K6D2Y_R\$3	-0.673	0.023	-28.970	0.000
K6D2AA_R\$1	-2.167	0.055	-39.700	0.000
K6D2AA_R\$2	-1.636	0.036	-45.656	0.000
K6D2AA_R\$3	-0.428	0.022	-19.365	0.000
K6D2AE_R\$1	-1.872	0.043	-44.028	0.000
K6D2AE_R\$2	-1.164	0.028	-42.170	0.000
K6D2AE_R\$3	0.308	0.022	14.135	0.000
K6D2AF_R\$1	-2.259	0.060	-37.909	0.000
K6D2AF_R\$2	-1.926	0.044	-43.448	0.000
K6D2AF_R\$3	-0.817	0.024	-33.781	0.000
K6D2AH_R\$1	-1.876	0.043	-43.755	0.000
K6D2AH_R\$2	-1.484	0.033	-45.267	0.000
K6D2AH_R\$3	-0.266	0.022	-12.226	0.000

P5Q3M\$1	0.954	0.026	37.041	0.000
P5Q3M\$2	1.992	0.048	41.852	0.000
P5Q3AB\$1	0.485	0.023	21.363	0.000
P5Q3AB\$2	1.888	0.044	43.138	0.000
P5Q3AD\$1	1.072	0.027	39.757	0.000
P5Q3AD\$2	2.145	0.054	39.401	0.000
P5Q3AF\$1	1.199	0.028	42.089	0.000
P5Q3AF\$2	2.318	0.064	36.103	0.000
P5Q3AH\$1	1.603	0.036	44.969	0.000
P5Q3AH\$2	2.494	0.077	32.303	0.000
P5Q3AR\$1	1.297	0.030	43.436	0.000
P5Q3AR\$2	2.307	0.063	36.343	0.000
P5Q3AV\$1	1.180	0.028	41.819	0.000
P5Q3AV\$2	2.257	0.060	37.367	0.000
P5Q3AX\$1	1.590	0.035	45.000	0.000
P5Q3AX\$2	2.635	0.091	29.110	0.000
P5Q3BQ\$1	0.270	0.022	12.269	0.000
P5Q3BQ\$2	1.858	0.043	43.480	0.000
P5Q3CK\$1	2.039	0.049	41.214	0.000
P5Q3CK\$2	2.612	0.088	29.651	0.000
P5Q3DB\$1	0.460	0.023	20.219	0.000
P5Q3DB\$2	1.857	0.043	43.234	0.000
P5Q3E\$1	1.027	0.027	38.718	0.000
P5Q3E\$2	1.938	0.046	42.474	0.000
P5Q3A0\$1	1.011	0.026	38.439	0.000
P5Q3A0\$2	2.103	0.052	40.163	0.000
P5Q3BK\$1	1.206	0.029	42.172	0.000
P5Q3BK\$2	2.364	0.067	35.113	0.000
P5Q3B0\$1	0.862	0.025	34.582	0.000
P5Q3B0\$2	2.178	0.056	38.873	0.000
P5Q3CU\$1	1.380	0.031	44.239	0.000
P5Q3CU\$2	2.276	0.062	36.976	0.000
P5Q3DA\$1	1.336	0.031	43.781	0.000
P5Q3DA\$2	2.493	0.077	32.283	0.000
P5Q3AS\$1	0.757	0.024	31.334	0.000
P5Q3AS\$2	2.404	0.070	34.299	0.000
P5Q3AU\$1	1.411	0.032	44.409	0.000
P5Q3AU\$2	2.318	0.064	36.093	0.000
P5Q3AZ\$1	1.494	0.033	44.867	0.000
P5Q3AZ\$2	2.390	0.069	34.592	0.000
P5Q3BB1\$1	1.320	0.030	43.632	0.000
P5Q3BB1\$2	2.377	0.068	34.846	0.000
P5Q3BB2\$1	0.897	0.025	35.480	0.000
P5Q3BB2\$2	2.160	0.055	39.105	0.000
P5Q3BB5\$1	1.086	0.027	39.990	0.000
P5Q3BB5\$2	1.969	0.047	42.091	0.000
P5Q3BB6\$1	1.142	0.028	41.102	0.000
P5Q3BB6\$2	2.403	0.070	34.282	0.000
P5Q3BB7\$1	1.609	0.036	44.698	0.000
P5Q3BB7\$2	2.473	0.076	32.574	0.000

P5Q3X\$1	0.763	0.024	31.499	0.000
P5Q3X\$2	1.897	0.044	43.037	0.000
P5Q3AA\$1	0.153	0.022	7.005	0.000
P5Q3AA\$2	1.911	0.045	42.906	0.000
P5Q3AL\$1	1.215	0.029	42.344	0.000
P5Q3AL\$2	2.404	0.070	34.299	0.000
P5Q3AP\$1	0.531	0.023	23.191	0.000
P5Q3AP\$2	2.103	0.052	40.171	0.000
P5Q3BI\$1	0.251	0.022	11.398	0.000
P5Q3BI\$2	1.590	0.035	44.980	0.000
P5Q3BZ\$1	1.711	0.038	44.670	0.000
P5Q3BZ\$2	2.378	0.068	34.881	0.000
P5Q3CJ\$1	1.507	0.034	44.880	0.000
P5Q3CJ\$2	2.494	0.077	32.298	0.000
P5Q3C\$1	0.017	0.022	0.801	0.423
P5Q3C\$2	1.321	0.030	43.503	0.000
P5Q30\$1	1.117	0.027	40.656	0.000
P5Q30\$2	2.138	0.054	39.532	0.000
P5Q3R\$1	0.257	0.022	11.694	0.000
P5Q3R\$2	1.391	0.031	44.298	0.000
P5Q3S\$1	1.029	0.026	38.855	0.000
P5Q3S\$2	1.951	0.046	42.437	0.000
P5Q3T\$1	1.009	0.026	38.410	0.000
P5Q3T\$2	2.138	0.054	39.551	0.000
P5Q3U\$1	0.077	0.022	3.555	0.000
P5Q3U\$2	1.889	0.044	43.173	0.000
P5Q3V\$1	0.569	0.023	24.553	0.000
P5Q3V\$2	1.994	0.048	41.661	0.000
P5Q3AJ\$1	1.374	0.031	44.192	0.000
P5Q3AJ\$2	2.257	0.060	37.367	0.000
P5Q3BC\$1	1.607	0.036	44.896	0.000
P5Q3BC\$2	2.416	0.071	33.973	0.000
P5Q3BN\$1	0.921	0.025	36.224	0.000
P5Q3BN\$2	1.993	0.048	41.892	0.000
P5Q3CF\$1	0.476	0.023	20.996	0.000
P5Q3CF\$2	1.893	0.044	43.128	0.000
P5Q3CG\$1	0.609	0.023	26.193	0.000
P5Q3CG\$2	2.027	0.049	41.389	0.000
P5Q3CH\$1	1.096	0.027	40.182	0.000
P5Q3CH\$2	2.274	0.062	36.914	0.000
P5Q3CI\$1	1.292	0.030	43.345	0.000
P5Q3CI\$2	2.446	0.073	33.357	0.000
P5Q3CN\$1	0.951	0.026	37.006	0.000
P5Q3CN\$2	2.186	0.056	38.727	0.000
P5Q3C0\$1	0.554	0.023	24.127	0.000
P5Q3C0\$2	1.692	0.038	44.756	0.000
P5Q3CQ\$1	1.692	0.038	44.744	0.000
P5Q3CQ\$2	2.512	0.079	31.922	0.000
P5Q3CW\$1	0.791	0.024	32.457	0.000
P5Q3CW\$2	1.855	0.043	43.580	0.000

Variances

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

R-SQUARE

Observed Residual Variable Variance	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
K6B1A_R 0.564	0.436	0.023	18.664	0.000
K6B1B_R 0.408	0.592	0.026	22.609	0.000
K6B1C_R 0.401	0.599	0.025	23.553	0.000
K6B1D_R 0.590	0.410	0.027	15.032	0.000
K5E1A 0.525	0.475	0.032	14.860	0.000
K5E1B 0.642	0.358	0.028	12.837	0.000
K5E1C 0.423	0.577	0.034	17.142	0.000
K5E1D 0.454	0.546	0.038	14.345	0.000
K6D2AG_R 0.421	0.579	0.017	35.029	0.000
K6D2AI_R 0.670	0.330	0.019	17.833	0.000
K6D2D_R 0.587	0.413	0.019	21.794	0.000
K6D2J_R 0.665	0.335	0.017	19.730	0.000
K6D2T_R 0.547	0.453	0.019	23.507	0.000
K6D2AC_R 0.242	0.758	0.017	44.461	0.000
K6D2AK_R 0.684	0.316	0.018	17.104	0.000
K6D2C_R 0.637	0.363	0.019	19.586	0.000

K6D2N_R	0.695	0.016	43.705	0.000
0.305				
K6D2X_R	0.572	0.025	23.154	0.000
0.428				
K6D2A_R	0.252	0.017	14.827	0.000
0.748				
K6D2P_R	0.491	0.018	26.633	0.000
0.509				
K6D2R_R	0.300	0.018	16.916	0.000
0.700				
K6D2Z_R	0.331	0.018	18.012	0.000
0.669				
K6D2AB_R	0.341	0.017	19.499	0.000
0.659				
K6D2AJ_R	0.557	0.019	29.503	0.000
0.443				
K6D61C	0.744	0.023	32.215	0.000
0.256				
K6D61D	0.437	0.021	20.940	0.000
0.563				
K6D61E	0.415	0.029	14.292	0.000
0.585				
K6D61K	0.718	0.022	32.318	0.000
0.282				
K6D61L	0.337	0.025	13.640	0.000
0.663				
K6D61M	0.214	0.020	10.881	0.000
0.786				
K6D40_R	0.413	0.035	11.867	0.000
0.587				
K6D48_R	0.312	0.025	12.579	0.000
0.688				
K6F63_R	0.367	0.024	15.136	0.000
0.633				
K6F68_R	0.447	0.054	8.350	0.000
0.553				
K6F74_R	0.442	0.047	9.427	0.000
0.558				
K6D2B_R	0.580	0.021	27.179	0.000
0.420				
K6D2F_R	0.446	0.018	24.210	0.000
0.554				
K6D2G_R	0.197	0.021	9.531	0.000
0.803				
K6D2I_R	0.256	0.017	15.357	0.000
0.744				
K6D2K_R	0.327	0.018	18.606	0.000
0.673				
K6D2L_R	0.517	0.028	18.414	0.000
0.483				

K6D2M_R 0.650	0.350	0.018	19.517	0.000
K6D20_R 0.674	0.326	0.018	18.554	0.000
K6D2S_R 0.236	0.764	0.017	45.264	0.000
K6D2V_R 0.648	0.352	0.019	18.359	0.000
K6D2W_R 0.573	0.427	0.018	23.299	0.000
K6D2Y_R 0.574	0.426	0.022	19.351	0.000
K6D2AA_R 0.489	0.511	0.019	26.913	0.000
K6D2AE_R 0.780	0.220	0.015	14.249	0.000
K6D2AF_R 0.622	0.378	0.023	16.154	0.000
K6D2AH_R 0.765	0.235	0.018	13.269	0.000
P5Q3M 0.573	0.427	0.027	15.857	0.000
P5Q3AB 0.784	0.216	0.019	11.166	0.000
P5Q3AD 0.626	0.374	0.028	13.289	0.000
P5Q3AF 0.455	0.545	0.029	18.768	0.000
P5Q3AH 0.345	0.655	0.037	17.643	0.000
P5Q3AR 0.594	0.406	0.031	13.031	0.000
P5Q3AV 0.511	0.489	0.029	16.929	0.000
P5Q3AX 0.421	0.579	0.040	14.460	0.000
P5Q3BQ 0.653	0.347	0.022	16.029	0.000
P5Q3CK 0.275	0.725	0.059	12.314	0.000
P5Q3DB 0.703	0.297	0.022	13.651	0.000
P5Q3E 0.769	0.231	0.026	9.039	0.000
P5Q3A0 0.648	0.352	0.027	13.096	0.000
P5Q3BK 0.578	0.422	0.031	13.659	0.000
P5Q3B0 0.586	0.414	0.025	16.541	0.000

P5Q3CU	0.409	0.034	11.952	0.000
0.591				
P5Q3DA	0.514	0.033	15.428	0.000
0.486				
P5Q3AS	0.325	0.022	14.676	0.000
0.675				
P5Q3AU	0.268	0.033	8.124	0.000
0.732				
P5Q3AZ	0.543	0.037	14.774	0.000
0.457				
P5Q3BB1	0.401	0.033	12.209	0.000
0.599				
P5Q3BB2	0.257	0.024	10.634	0.000
0.743				
P5Q3BB5	0.191	0.024	7.881	0.000
0.809				
P5Q3BB6	0.400	0.028	14.208	0.000
0.600				
P5Q3BB7	0.380	0.041	9.204	0.000
0.620				
P5Q3X	0.380	0.022	17.005	0.000
0.620				
P5Q3AA	0.569	0.017	33.917	0.000
0.431				
P5Q3AL	0.407	0.028	14.668	0.000
0.593				
P5Q3AP	0.518	0.020	25.727	0.000
0.482				
P5Q3BI	0.175	0.017	10.361	0.000
0.825				
P5Q3BZ	0.555	0.042	13.270	0.000
0.445				
P5Q3CJ	0.574	0.031	18.606	0.000
0.426				
P5Q3C	0.380	0.020	19.289	0.000
0.620				
P5Q30	0.585	0.024	24.046	0.000
0.415				
P5Q3R	0.408	0.020	20.856	0.000
0.592				
P5Q3S	0.618	0.021	29.134	0.000
0.382				
P5Q3T	0.638	0.020	31.622	0.000
0.362				
P5Q3U	0.545	0.017	31.992	0.000
0.455				
P5Q3V	0.524	0.019	26.997	0.000
0.476				
P5Q3AJ	0.573	0.027	21.152	0.000
0.427				

P5Q3BC	0.691	0.031	22.477	0.000
0.309				
P5Q3BN	0.525	0.023	22.711	0.000
0.475				
P5Q3CF	0.547	0.019	28.836	0.000
0.453				
P5Q3CG	0.575	0.019	29.833	0.000
0.425				
P5Q3CH	0.505	0.025	19.871	0.000
0.495				
P5Q3CI	0.448	0.033	13.768	0.000
0.552				
P5Q3CN	0.459	0.024	18.810	0.000
0.541				
P5Q3CO	0.599	0.018	32.703	0.000
0.401				
P5Q3CQ	0.740	0.032	22.791	0.000
0.260				
P5Q3CW	0.443	0.022	19.748	0.000
0.557				

QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix
0.160E-02
(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

K6B1A_R	ON EXTERN	/		
EXTERN	BY K6B1A_R		17.335	0.079
0.079				
K6B1C_R	ON EXTERN	/		
EXTERN	BY K6B1C_R		13.957	-0.077
-0.077				
K5E1B	ON EXTERN	/		
EXTERN	BY K5E1B		11.984	0.054
0.054				
K5E1B	ON INCBCL	/		
INCBCL	BY K5E1B		10.967	0.043
0.043				

K5E1B	ON	EXCBCL	/			
EXCBCL	BY	K5E1B		14.264	0.046	0.046
0.046						
K5E1D	ON	INCBCL	/			
INCBCL	BY	K5E1D		19.588	-0.067	-0.067
-0.067						
K5E1D	ON	EXCBCL	/			
EXCBCL	BY	K5E1D		19.173	-0.062	-0.062
-0.062						
K6D2AG_R	ON	SC15	/			
SC15	BY	K6D2AG_R		15.061	0.098	0.098
0.098						
K6D2AG_R	ON	EXTERN	/			
EXTERN	BY	K6D2AG_R		25.432	-0.098	-0.098
-0.098						
K6D2AG_R	ON	EXCBCL	/			
EXCBCL	BY	K6D2AG_R		16.632	-0.046	-0.046
-0.046						
K6D2AI_R	ON	SC15	/			
SC15	BY	K6D2AI_R		21.887	0.119	0.119
0.119						
K6D2AI_R	ON	SC9	/			
SC9	BY	K6D2AI_R		10.491	0.082	0.082
0.082						
K6D2AI_R	ON	PAF	/			
PAF	BY	K6D2AI_R		20.920	0.106	0.106
0.106						
K6D2D_R	ON	SC15	/			
SC15	BY	K6D2D_R		18.525	0.112	0.112
0.112						
K6D2D_R	ON	PAF	/			
PAF	BY	K6D2D_R		46.225	0.162	0.162
0.162						
K6D2J_R	ON	SC15	/			
SC15	BY	K6D2J_R		15.973	0.097	0.097
0.097						
K6D2J_R	ON	PAF	/			
PAF	BY	K6D2J_R		33.956	0.130	0.130
0.130						
K6D2J_R	ON	INCBCL	/			
INCBCL	BY	K6D2J_R		10.486	-0.038	-0.038
-0.038						
K6D2T_R	ON	SC15	/			
SC15	BY	K6D2T_R		22.574	0.126	0.126
0.126						
K6D2T_R	ON	PAF	/			
PAF	BY	K6D2T_R		31.999	0.137	0.137
0.137						
K6D2AC_R	ON	SC15	/			
SC15	BY	K6D2AC_R		57.299	-0.200	-0.200

-0.200				
K6D2AC_R	ON	PAF	/	
PAF	BY	K6D2AC_R		88.298 -0.217 -0.217
-0.217				
K6D2AK_R	ON	SC9	/	
SC9	BY	K6D2AK_R		20.606 -0.109 -0.109
-0.109				
K6D2AK_R	ON	EXTERN	/	
EXTERN	BY	K6D2AK_R		313.333 0.320 0.320
0.320				
K6D2AK_R	ON	PAF	/	
PAF	BY	K6D2AK_R		80.242 0.211 0.211
0.211				
K6D2AK_R	ON	INCBCL	/	
INCBCL	BY	K6D2AK_R		56.407 0.088 0.088
0.088				
K6D2AK_R	ON	EXCBCL	/	
EXCBCL	BY	K6D2AK_R		111.779 0.113 0.113
0.113				
K6D2C_R	ON	EXTERN	/	
EXTERN	BY	K6D2C_R		28.868 0.099 0.099
0.099				
K6D2C_R	ON	PAF	/	
PAF	BY	K6D2C_R		22.676 0.107 0.107
0.107				
K6D2N_R	ON	SC15	/	
SC15	BY	K6D2N_R		18.950 -0.110 -0.110
-0.110				
K6D2N_R	ON	EXTERN	/	
EXTERN	BY	K6D2N_R		42.934 -0.131 -0.131
-0.131				
K6D2N_R	ON	PAF	/	
PAF	BY	K6D2N_R		73.734 -0.190 -0.190
-0.190				
K6D2X_R	ON	SC15	/	
SC15	BY	K6D2X_R		55.251 -0.221 -0.221
-0.221				
K6D2X_R	ON	SC9	/	
SC9	BY	K6D2X_R		12.459 -0.109 -0.109
-0.109				
K6D2X_R	ON	EXTERN	/	
EXTERN	BY	K6D2X_R		14.192 -0.091 -0.091
-0.091				
K6D2X_R	ON	PAF	/	
PAF	BY	K6D2X_R		130.039 -0.285 -0.285
-0.285				
K6D2A_R	ON	INTERNAL	/	
INTERNAL	BY	K6D2A_R		14.327 0.063 0.063
0.063				
K6D2P_R	ON	INTERNAL	/	

INTERNAL BY K6D2P_R	36.197	0.100	0.100
0.100			
K6D2P_R ON PAF /			
PAF BY K6D2P_R	18.259	-0.058	-0.058
-0.058			
K6D2R_R ON INTERNAL /			
INTERNAL BY K6D2R_R	133.042	0.187	0.187
0.187			
K6D2R_R ON PAF /			
PAF BY K6D2R_R	28.555	-0.071	-0.071
-0.071			
K6D2R_R ON EXCBCL /			
EXCBCL BY K6D2R_R	13.517	-0.041	-0.041
-0.041			
K6D2Z_R ON SC15 /			
SC15 BY K6D2Z_R	32.314	0.108	0.108
0.108			
K6D2Z_R ON PAF /			
PAF BY K6D2Z_R	26.941	0.070	0.070
0.070			
K6D2AJ_R ON SC15 /			
SC15 BY K6D2AJ_R	23.971	-0.096	-0.096
-0.096			
K6D2AJ_R ON SC9 /			
SC9 BY K6D2AJ_R	10.714	-0.079	-0.079
-0.079			
K6D2AJ_R ON INTERNAL /			
INTERNAL BY K6D2AJ_R	58.114	0.130	0.130
0.130			
K6D2AJ_R ON PAF /			
PAF BY K6D2AJ_R	39.889	-0.088	-0.088
-0.088			
K6D2AJ_R ON INCBCL /			
INCBCL BY K6D2AJ_R	17.732	0.051	0.051
0.051			
K6D61C ON INTERNAL /			
INTERNAL BY K6D61C	68.210	-0.225	-0.225
-0.225			
K6D61C ON PAF /			
PAF BY K6D61C	14.486	0.082	0.082
0.082			
K6D61C ON INCBCL /			
INCBCL BY K6D61C	12.808	-0.066	-0.066
-0.066			
K6D61D ON SC15 /			
SC15 BY K6D61D	13.731	0.083	0.083
0.083			
K6D61D ON INTERNAL /			
INTERNAL BY K6D61D	97.075	-0.200	-0.200
-0.200			

K6D61D	ON PAF	/			
PAF	BY K6D61D		59.102	0.124	0.124
0.124					
K6D61E	ON INTERNAL	/			
INTERNAL	BY K6D61E		71.240	-0.217	-0.217
-0.217					
K6D61E	ON PAF	/			
PAF	BY K6D61E		37.292	0.125	0.125
0.125					
K6D61E	ON INCBCL	/			
INCBCL	BY K6D61E		12.418	0.060	0.060
0.060					
K6D61E	ON EXCBCL	/			
EXCBCL	BY K6D61E		27.086	0.085	0.085
0.085					
K6D61K	ON INTERNAL	/			
INTERNAL	BY K6D61K		80.741	-0.240	-0.240
-0.240					
K6D61K	ON PAF	/			
PAF	BY K6D61K		12.568	0.074	0.074
0.074					
K6D61K	ON INCBCL	/			
INCBCL	BY K6D61K		22.926	-0.085	-0.085
-0.085					
K6D61K	ON EXCBCL	/			
EXCBCL	BY K6D61K		12.057	-0.060	-0.060
-0.060					
K6D61L	ON SC15	/			
SC15	BY K6D61L		30.227	0.146	0.146
0.146					
K6D61L	ON INTERNAL	/			
INTERNAL	BY K6D61L		90.902	-0.226	-0.226
-0.226					
K6D61L	ON PAF	/			
PAF	BY K6D61L		63.760	0.150	0.150
0.150					
K6D61M	ON SC15	/			
SC15	BY K6D61M		41.872	-0.142	-0.142
-0.142					
K6D61M	ON INTERNAL	/			
INTERNAL	BY K6D61M		29.721	0.109	0.109
0.109					
K6D61M	ON PAF	/			
PAF	BY K6D61M		65.754	-0.127	-0.127
-0.127					
K6D40_R	ON SC15	/			
SC15	BY K6D40_R		17.242	-0.142	-0.142
-0.142					
K6D40_R	ON SC9	/			
SC9	BY K6D40_R		13.841	-0.159	-0.159

-0.159					
K6D40_R	ON PAF	/			
PAF	BY K6D40_R		12.289	-0.085	-0.085
-0.085					
K6D40_R	ON INCBCL	/			
INCBCL	BY K6D40_R		54.324	0.149	0.149
0.149					
K6D40_R	ON EXCBCL	/			
EXCBCL	BY K6D40_R		57.361	0.148	0.148
0.148					
K6D48_R	ON INCBCL	/			
INCBCL	BY K6D48_R		20.422	-0.072	-0.072
-0.072					
K6D48_R	ON EXCBCL	/			
EXCBCL	BY K6D48_R		24.843	-0.077	-0.077
-0.077					
K6F63_R	ON SC15	/			
SC15	BY K6F63_R		12.529	-0.086	-0.086
-0.086					
K6D2B_R	ON SC15	/			
SC15	BY K6D2B_R		11.611	0.116	0.116
0.116					
K6D2B_R	ON INTERNAL	/			
INTERNAL	BY K6D2B_R		93.206	-0.229	-0.229
-0.229					
K6D2B_R	ON EXTERN	/			
EXTERN	BY K6D2B_R		16.623	-0.071	-0.071
-0.071					
K6D2G_R	ON SC15	/			
SC15	BY K6D2G_R		37.928	0.228	0.228
0.228					
K6D2G_R	ON INTERNAL	/			
INTERNAL	BY K6D2G_R		11.424	0.100	0.100
0.100					
K6D2I_R	ON EXTERN	/			
EXTERN	BY K6D2I_R		45.818	-0.099	-0.099
-0.099					
K6D2K_R	ON SC15	/			
SC15	BY K6D2K_R		23.077	-0.151	-0.151
-0.151					
K6D2K_R	ON INTERNAL	/			
INTERNAL	BY K6D2K_R		35.071	0.137	0.137
0.137					
K6D2L_R	ON SC15	/			
SC15	BY K6D2L_R		11.447	0.138	0.138
0.138					
K6D2M_R	ON INTERNAL	/			
INTERNAL	BY K6D2M_R		32.110	0.133	0.133
0.133					
K6D20_R	ON SC15	/			

SC15	BY K6D20_R	12.546	-0.114	-0.114
-0.114				
K6D2S_R	ON INTERNAL /			
INTERNAL	BY K6D2S_R	132.563	-0.256	-0.256
-0.256				
K6D2S_R	ON EXTERN /			
EXTERN	BY K6D2S_R	25.300	-0.083	-0.083
-0.083				
K6D2W_R	ON SC15 /			
SC15	BY K6D2W_R	21.052	-0.145	-0.145
-0.145				
K6D2AA_R	ON EXTERN /			
EXTERN	BY K6D2AA_R	12.299	0.058	0.058
0.058				
K6D2AE_R	ON SC15 /			
SC15	BY K6D2AE_R	58.594	-0.230	-0.230
-0.230				
K6D2AE_R	ON SC9 /			
SC9	BY K6D2AE_R	13.426	-0.088	-0.088
-0.088				
K6D2AE_R	ON INTERNAL /			
INTERNAL	BY K6D2AE_R	112.799	0.236	0.236
0.236				
K6D2AE_R	ON EXTERN /			
EXTERN	BY K6D2AE_R	116.782	0.158	0.158
0.158				
K6D2AE_R	ON INCBCL /			
INCBCL	BY K6D2AE_R	17.675	0.048	0.048
0.048				
K6D2AE_R	ON EXCBCL /			
EXCBCL	BY K6D2AE_R	26.681	0.053	0.053
0.053				
K6D2AF_R	ON INTERNAL /			
INTERNAL	BY K6D2AF_R	13.841	0.104	0.104
0.104				
P5Q3M	ON EXTERN /			
EXTERN	BY P5Q3M	12.415	0.064	0.064
0.064				
P5Q3M	ON EXCBCL /			
EXCBCL	BY P5Q3M	112.668	0.392	0.392
0.392				
P5Q3AF	ON EXTERN /			
EXTERN	BY P5Q3AF	11.234	0.067	0.067
0.067				
P5Q3AF	ON EXCBCL /			
EXCBCL	BY P5Q3AF	21.705	0.181	0.181
0.181				
P5Q3AV	ON SC15 /			
SC15	BY P5Q3AV	13.395	0.087	0.087
0.087				

P5Q3AV INTERNAL -0.062	ON INTERNAL / BY P5Q3AV	10.681	-0.062	-0.062
P5Q3AV EXTERN -0.088	ON EXTERN / BY P5Q3AV	18.640	-0.088	-0.088
P5Q3AX SC15 0.096	ON SC15 / BY P5Q3AX	10.914	0.096	0.096
P5Q3AX INTERNAL -0.082	ON INTERNAL / BY P5Q3AX	12.702	-0.082	-0.082
P5Q3AX PAF 0.079	ON PAF / BY P5Q3AX	12.405	0.079	0.079
P5Q3CK EXCBCL 0.310	ON EXCBCL / BY P5Q3CK	30.967	0.310	0.310
P5Q3DB SC15 0.073	ON SC15 / BY P5Q3DB	15.795	0.073	0.073
P5Q3DB INTERNAL -0.050	ON INTERNAL / BY P5Q3DB	11.767	-0.050	-0.050
P5Q3DB EXTERN -0.088	ON EXTERN / BY P5Q3DB	30.943	-0.088	-0.088
P5Q3DB EXCBCL -0.143	ON EXCBCL / BY P5Q3DB	17.792	-0.143	-0.143
P5Q3A0 SC9 -0.119	ON SC9 / BY P5Q3A0	14.904	-0.119	-0.119
P5Q3A0 INTERNAL 0.065	ON INTERNAL / BY P5Q3A0	14.888	0.065	0.065
P5Q3A0 PAF -0.062	ON PAF / BY P5Q3A0	14.241	-0.062	-0.062
P5Q3B0 SC15 -0.104	ON SC15 / BY P5Q3B0	25.898	-0.104	-0.104
P5Q3B0 SC9 -0.136	ON SC9 / BY P5Q3B0	21.232	-0.136	-0.136
P5Q3B0 INTERNAL 0.076	ON INTERNAL / BY P5Q3B0	22.527	0.076	0.076
P5Q3B0 EXTERN 0.137	ON EXTERN / BY P5Q3B0	61.668	0.137	0.137

0.137						
P5Q3B0	ON	PAF	/			
PAF	BY	P5Q3B0		16.288	-0.063	-0.063
-0.063						
P5Q3B0	ON	EXCBCL	/			
EXCBCL	BY	P5Q3B0		54.193	0.266	0.266
0.266						
P5Q3DA	ON	SC15	/			
SC15	BY	P5Q3DA		10.727	-0.083	-0.083
-0.083						
P5Q3DA	ON	INTERNAL	/			
INTERNAL	BY	P5Q3DA		20.039	0.088	0.088
0.088						
P5Q3DA	ON	EXTERN	/			
EXTERN	BY	P5Q3DA		19.765	0.095	0.095
0.095						
P5Q3DA	ON	PAF	/			
PAF	BY	P5Q3DA		10.387	-0.063	-0.063
-0.063						
P5Q3BB1	ON	EXCBCL	/			
EXCBCL	BY	P5Q3BB1		40.021	-0.268	-0.268
-0.268						
P5Q3BB2	ON	EXCBCL	/			
EXCBCL	BY	P5Q3BB2		33.940	-0.217	-0.217
-0.217						
P5Q3BB6	ON	EXTERN	/			
EXTERN	BY	P5Q3BB6		15.137	-0.077	-0.077
-0.077						
P5Q3BB6	ON	EXCBCL	/			
EXCBCL	BY	P5Q3BB6		82.840	-0.360	-0.360
-0.360						
P5Q3BB7	ON	SC15	/			
SC15	BY	P5Q3BB7		11.227	0.099	0.099
0.099						
P5Q3BB7	ON	SC9	/			
SC9	BY	P5Q3BB7		15.572	0.170	0.170
0.170						
P5Q3BB7	ON	INTERNAL	/			
INTERNAL	BY	P5Q3BB7		11.902	-0.080	-0.080
-0.080						
P5Q3BB7	ON	EXTERN	/			
EXTERN	BY	P5Q3BB7		21.393	-0.118	-0.118
-0.118						
P5Q3BB7	ON	EXCBCL	/			
EXCBCL	BY	P5Q3BB7		22.644	-0.227	-0.227
-0.227						
P5Q3X	ON	INTERNAL	/			
INTERNAL	BY	P5Q3X		16.984	0.062	0.062
0.062						
P5Q3X	ON	EXTERN	/			

EXTERN 0.069	BY P5Q3X		16.068	0.069	0.069
P5Q3AA INCBCL -0.395	ON INCBCL / BY P5Q3AA		133.856	-0.395	-0.395
P5Q3AL INTERNAL -0.064	ON INTERNAL / BY P5Q3AL		13.025	-0.064	-0.064
P5Q3AL PAF 0.069	ON PAF / BY P5Q3AL		15.519	0.069	0.069
P5Q3C PAF -0.041	ON PAF / BY P5Q3C		10.177	-0.041	-0.041
P5Q3R INCBCL 0.183	ON INCBCL / BY P5Q3R		29.366	0.183	0.183
P5Q3S INCBCL -0.138	ON INCBCL / BY P5Q3S		12.735	-0.138	-0.138
P5Q3T INCBCL -0.154	ON INCBCL / BY P5Q3T		16.198	-0.154	-0.154
P5Q3U INTERNAL -0.051	ON INTERNAL / BY P5Q3U		13.760	-0.051	-0.051
P5Q3U INCBCL -0.254	ON INCBCL / BY P5Q3U		56.609	-0.254	-0.254
P5Q3V INTERNAL -0.056	ON INTERNAL / BY P5Q3V		14.741	-0.056	-0.056
P5Q3V PAF 0.048	ON PAF / BY P5Q3V		11.322	0.048	0.048
P5Q3V INCBCL -0.420	ON INCBCL / BY P5Q3V		134.368	-0.420	-0.420
P5Q3AJ INCBCL -0.166	ON INCBCL / BY P5Q3AJ		14.531	-0.166	-0.166
P5Q3BN INCBCL 0.159	ON INCBCL / BY P5Q3BN		18.175	0.159	0.159
P5Q3CG INCBCL 0.313	ON INCBCL / BY P5Q3CG		83.513	0.313	0.313
P5Q3CH EXTERN -0.073	ON EXTERN / BY P5Q3CH		13.578	-0.073	-0.073

P5Q3CH	ON PAF	/			
PAF	BY P5Q3CH		15.149	-0.066	-0.066
-0.066					
P5Q3CH	ON INCBCL	/			
INCBCL	BY P5Q3CH		179.761	0.518	0.518
0.518					
P5Q3CI	ON INCBCL	/			
INCBCL	BY P5Q3CI		138.080	0.497	0.497
0.497					
EXCBCL	ON INCBCL	/			
INCBCL	BY EXCBCL		999.000	0.000	0.000
0.000					
EXCBCL	ON EXCBCL	/			
EXCBCL	BY EXCBCL		999.000	0.000	0.000
0.000					

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SC15	ON K6D2AC_R		13.406	-0.091	-0.091
-0.091					
SC15	ON K6D2Z_R		12.917	0.081	0.081
0.081					
SC15	ON K6F63_R		16.674	-0.117	-0.117
-0.117					
SC15	ON K6D2G_R		40.511	0.175	0.175
0.175					
SC15	ON K6D2K_R		18.093	-0.100	-0.100
-0.100					
SC15	ON K6D2M_R		10.665	-0.078	-0.078
-0.078					
SC15	ON K6D2W_R		16.227	-0.095	-0.095
-0.095					
SC15	ON K6D2AA_R		17.491	0.098	0.098
0.098					
SC9	ON K5E1B		10.018	0.169	0.169
0.169					
SC9	ON K5E1D		10.932	-0.208	-0.208
-0.208					
SC9	ON P5Q3A0		10.016	-0.102	-0.102
-0.102					
SC9	ON P5Q3V		11.583	-0.094	-0.094
-0.094					
INTERNAL	ON K6D2AG_R		29.750	0.113	0.113
0.113					
INTERNAL	ON K6D2AI_R		30.291	0.115	0.115
0.115					
INTERNAL	ON K6D2D_R		30.089	0.117	0.117
0.117					
INTERNAL	ON K6D2J_R		14.870	0.077	0.077
0.077					

INTERNAL ON K6D2T_R 0.142	42.983	0.142	0.142
INTERNAL ON K6D2AC_R -0.153	50.425	-0.153	-0.153
INTERNAL ON K6D2AK_R -0.123	33.940	-0.123	-0.123
INTERNAL ON K6D2N_R -0.075	13.262	-0.075	-0.075
INTERNAL ON K6D2X_R -0.193	66.730	-0.193	-0.193
INTERNAL ON K6D2A_R 0.090	36.217	0.090	0.090
INTERNAL ON K6D2P_R 0.082	30.680	0.082	0.082
INTERNAL ON K6D2R_R 0.198	188.476	0.198	0.198
INTERNAL ON K6D2Z_R 0.086	34.057	0.086	0.086
INTERNAL ON K6D2AB_R 0.090	37.150	0.090	0.090
INTERNAL ON K6D2AJ_R 0.089	34.419	0.089	0.089
INTERNAL ON K6D61C -0.254	99.718	-0.254	-0.254
INTERNAL ON K6D61D -0.150	65.400	-0.150	-0.150
INTERNAL ON K6D61E -0.187	63.127	-0.187	-0.187
INTERNAL ON K6D61K -0.291	132.902	-0.291	-0.291
INTERNAL ON K6D61L -0.156	51.038	-0.156	-0.156
INTERNAL ON K6D40_R -0.104	13.432	-0.104	-0.104
INTERNAL ON K6F63_R -0.117	33.497	-0.117	-0.117
INTERNAL ON K6D2B_R -0.158	98.312	-0.158	-0.158
INTERNAL ON K6D2G_R 0.095	21.520	0.095	0.095
INTERNAL ON K6D2I_R 0.137	72.795	0.137	0.137
INTERNAL ON K6D2K_R 0.097	37.063	0.097	0.097
INTERNAL ON K6D2M_R 0.123	58.194	0.123	0.123
INTERNAL ON K6D2S_R -0.177	143.865	-0.177	-0.177
INTERNAL ON K6D2V_R 0.090	28.201	0.090	0.090

INTERNAL ON K6D2AE_R 0.098	40.834	0.098	0.098
INTERNAL ON P5Q3DA 0.088	12.336	0.088	0.088
INTERNAL ON P5Q3X 0.067	12.210	0.067	0.067
INTERNAL ON P5Q3AL -0.084	13.260	-0.084	-0.084
INTERNAL ON P5Q3BZ 0.112	14.459	0.112	0.112
INTERNAL ON P5Q3V -0.061	10.464	-0.061	-0.061
INTERNAL ON P5Q3AJ -0.083	11.319	-0.083	-0.083
EXTERN ON K6B1C_R -0.065	12.821	-0.065	-0.065
EXTERN ON K6D2AG_R -0.061	14.956	-0.061	-0.061
EXTERN ON K6D2J_R 0.046	10.054	0.046	0.046
EXTERN ON K6D2AK_R 0.226	243.303	0.226	0.226
EXTERN ON K6D2C_R 0.077	26.981	0.077	0.077
EXTERN ON K6D2N_R -0.112	47.658	-0.112	-0.112
EXTERN ON K6D2X_R -0.077	15.311	-0.077	-0.077
EXTERN ON K6D2R_R -0.186	61.697	-0.186	-0.186
EXTERN ON K6D2AJ_R -0.198	63.320	-0.198	-0.198
EXTERN ON K6D61C 0.303	62.954	0.303	0.303
EXTERN ON K6D61D 0.153	28.123	0.153	0.153
EXTERN ON K6D61E 0.139	14.863	0.139	0.139
EXTERN ON K6D61K 0.343	83.975	0.343	0.343
EXTERN ON K6D61L 0.219	42.012	0.219	0.219
EXTERN ON K6D40_R -0.184	17.905	-0.184	-0.184
EXTERN ON K6D2I_R -0.132	83.956	-0.132	-0.132
EXTERN ON K6D2M_R -0.048	10.374	-0.048	-0.048
EXTERN ON K6D2V_R -0.066	17.130	-0.066	-0.066

EXTERN 0.075	ON K6D2AA_R	20.130	0.075	0.075
EXTERN 0.116	ON K6D2AE_R	64.531	0.116	0.116
EXTERN -0.081	ON P5Q3DB	20.492	-0.081	-0.081
EXTERN 0.122	ON P5Q3B0	38.506	0.122	0.122
EXTERN 0.077	ON P5Q3DA	10.074	0.077	0.077
EXTERN 0.059	ON P5Q3AA	11.941	0.059	0.059
EXTERN -0.092	ON P5Q3CH	18.590	-0.092	-0.092
PAF 0.061	ON K6D2AI_R	16.245	0.061	0.061
PAF 0.103	ON K6D2D_R	44.594	0.103	0.103
PAF 0.076	ON K6D2J_R	27.710	0.076	0.076
PAF 0.086	ON K6D2T_R	30.112	0.086	0.086
PAF -0.124	ON K6D2AC_R	69.799	-0.124	-0.124
PAF 0.129	ON K6D2AK_R	71.157	0.129	0.129
PAF 0.065	ON K6D2C_R	19.643	0.065	0.065
PAF -0.116	ON K6D2N_R	66.483	-0.116	-0.116
PAF -0.173	ON K6D2X_R	117.057	-0.173	-0.173
PAF 0.103	ON K6D2Z_R	57.126	0.103	0.103
PAF 0.054	ON K6D2AB_R	15.862	0.054	0.054
PAF -0.053	ON K6D2AJ_R	14.227	-0.053	-0.053
PAF 0.087	ON K6D61D	28.502	0.087	0.087
PAF 0.078	ON K6D61E	13.982	0.078	0.078
PAF 0.101	ON K6D61L	27.712	0.101	0.101
PAF -0.129	ON K6D61M	67.157	-0.129	-0.129
PAF -0.111	ON K6D40_R	20.449	-0.111	-0.111
PAF -0.064	ON K6D48_R	12.086	-0.064	-0.064

PAF -0.133	ON K6F68_R	12.276	-0.133	-0.133
PAF -0.230	ON K6D2B_R	98.678	-0.230	-0.230
PAF 0.081	ON K6D2I_R	13.131	0.081	0.081
PAF 0.165	ON K6D2K_R	55.310	0.165	0.165
PAF -0.122	ON K6D2L_R	17.721	-0.122	-0.122
PAF 0.158	ON K6D2M_R	48.970	0.158	0.158
PAF -0.238	ON K6D2S_R	119.231	-0.238	-0.238
PAF 0.083	ON K6D2V_R	12.319	0.083	0.083
PAF 0.091	ON K6D2W_R	16.658	0.091	0.091
PAF 0.237	ON K6D2AE_R	123.033	0.237	0.237
PAF -0.060	ON P5Q3C	15.381	-0.060	-0.060
PAF -0.085	ON P5Q3CH	17.733	-0.085	-0.085
INCBCL -0.081	ON K6D61K	11.591	-0.081	-0.081
INCBCL 0.102	ON K6D40_R	14.484	0.102	0.102
INCBCL -0.243	ON P5Q3M	115.035	-0.243	-0.243
INCBCL -0.105	ON P5Q3AF	19.728	-0.105	-0.105
INCBCL -0.172	ON P5Q3CK	26.439	-0.172	-0.172
INCBCL 0.077	ON P5Q3DB	13.503	0.077	0.077
INCBCL -0.155	ON P5Q3B0	48.665	-0.155	-0.155
INCBCL 0.153	ON P5Q3BB1	34.998	0.153	0.153
INCBCL 0.153	ON P5Q3BB2	44.653	0.153	0.153
INCBCL 0.212	ON P5Q3BB6	77.458	0.212	0.212
INCBCL 0.144	ON P5Q3BB7	24.829	0.144	0.144
INCBCL -0.172	ON P5Q3AA	119.283	-0.172	-0.172
INCBCL 0.062	ON P5Q3BI	13.946	0.062	0.062

INCBCL 0.073	ON P5Q3R	22.089	0.073	0.073
INCBCL -0.056	ON P5Q3S	10.079	-0.056	-0.056
INCBCL -0.069	ON P5Q3T	15.609	-0.069	-0.069
INCBCL -0.125	ON P5Q3U	64.189	-0.125	-0.125
INCBCL -0.188	ON P5Q3V	126.642	-0.188	-0.188
INCBCL 0.069	ON P5Q3BN	15.960	0.069	0.069
INCBCL 0.134	ON P5Q3CG	72.862	0.134	0.134
INCBCL 0.220	ON P5Q3CH	154.483	0.220	0.220
INCBCL 0.229	ON P5Q3CI	139.940	0.229	0.229
INCBCL -0.052	ON P5Q3C0	10.469	-0.052	-0.052
EXCBCL -0.052	ON K6D2AG_R	16.234	-0.052	-0.052
EXCBCL 0.095	ON K6D2AK_R	62.072	0.095	0.095
EXCBCL -0.046	ON K6D2P_R	14.091	-0.046	-0.046
EXCBCL -0.056	ON K6D2R_R	21.816	-0.056	-0.056
EXCBCL 0.068	ON K6D61D	23.400	0.068	0.068
EXCBCL 0.093	ON K6D61E	28.041	0.093	0.093
EXCBCL 0.054	ON K6D61L	10.491	0.054	0.054
EXCBCL -0.045	ON K6D61M	10.052	-0.045	-0.045
EXCBCL 0.134	ON K6D40_R	40.371	0.134	0.134
EXCBCL -0.074	ON K6D48_R	19.678	-0.074	-0.074
EXCBCL 0.175	ON P5Q3M	106.806	0.175	0.175
EXCBCL 0.072	ON P5Q3AF	16.342	0.072	0.072
EXCBCL 0.138	ON P5Q3CK	30.016	0.138	0.138
EXCBCL 0.088	ON P5Q3B0	27.996	0.088	0.088
EXCBCL -0.121	ON P5Q3BB1	38.378	-0.121	-0.121

EXCBCL -0.109	ON P5Q3BB2	40.242	-0.109	-0.109
EXCBCL -0.156	ON P5Q3BB6	73.230	-0.156	-0.156
EXCBCL -0.085	ON P5Q3BB7	15.317	-0.085	-0.085
EXCBCL 0.190	ON P5Q3AA	90.718	0.190	0.190
EXCBCL -0.078	ON P5Q3BI	13.602	-0.078	-0.078
EXCBCL -0.083	ON P5Q3R	17.521	-0.083	-0.083
EXCBCL 0.086	ON P5Q3T	14.729	0.086	0.086
EXCBCL 0.176	ON P5Q3U	79.307	0.176	0.176
EXCBCL 0.227	ON P5Q3V	114.178	0.227	0.227
EXCBCL -0.080	ON P5Q3BN	13.128	-0.080	-0.080
EXCBCL -0.154	ON P5Q3CG	57.969	-0.154	-0.154
EXCBCL -0.258	ON P5Q3CH	126.884	-0.258	-0.258
EXCBCL -0.274	ON P5Q3CI	119.818	-0.274	-0.274
K6B1A_R 0.079	ON K6D2A_R	13.325	0.079	0.079
K6B1A_R 0.068	ON K6D2P_R	14.856	0.068	0.068
K6B1A_R 0.081	ON K6D2Z_R	16.515	0.081	0.081
K6B1A_R 0.084	ON K6D2AB_R	18.278	0.084	0.084
K6B1A_R 0.062	ON K6D2AJ_R	12.912	0.062	0.062
K6B1A_R 0.064	ON K6D61C	11.741	0.064	0.064
K6B1A_R 0.068	ON K6D61K	12.885	0.068	0.068
K6B1A_R 0.086	ON K6D61L	12.394	0.086	0.086
K6B1A_R 0.079	ON K6D40_R	10.150	0.079	0.079
K6B1A_R 0.080	ON K6D48_R	10.636	0.080	0.080
K6B1A_R 0.097	ON K6F68_R	13.920	0.097	0.097
K6B1A_R 0.097	ON K6F74_R	14.191	0.097	0.097

K6B1A_R	ON	K6D2G_R	28.256	0.154	0.154
0.154					
K6B1A_R	ON	P5Q3AD	10.190	0.059	0.059
0.059					
K6B1A_R	ON	P5Q3CJ	10.087	0.048	0.048
0.048					
K6B1C_R	ON	K6D2P_R	10.240	-0.060	-0.060
-0.060					
K6B1C_R	ON	K6D2AJ_R	10.553	-0.059	-0.059
-0.059					
K6B1C_R	ON	K6D61D	12.014	-0.074	-0.074
-0.074					
K6B1C_R	ON	K6D61E	11.999	-0.085	-0.085
-0.085					
K6B1C_R	ON	K6D61M	11.449	-0.089	-0.089
-0.089					
K6B1C_R	ON	K6D40_R	14.701	-0.101	-0.101
-0.101					
K6B1C_R	ON	K6D48_R	11.520	-0.088	-0.088
-0.088					
K6B1C_R	ON	K6F63_R	22.296	-0.112	-0.112
-0.112					
K6B1C_R	ON	K6F68_R	12.584	-0.099	-0.099
-0.099					
K6B1C_R	ON	K6F74_R	11.704	-0.096	-0.096
-0.096					
K5E1A	ON	K5E1B	18.716	0.148	0.148
0.148					
K5E1B	ON	K5E1A	18.712	0.148	0.148
0.148					
K5E1B	ON	K6D61K	10.034	0.051	0.051
0.051					
K5E1B	ON	K6D61L	10.126	0.069	0.069
0.069					
K5E1B	ON	K6D40_R	10.899	0.071	0.071
0.071					
K5E1B	ON	K6D48_R	11.157	0.075	0.075
0.075					
K5E1B	ON	K6F68_R	10.627	0.072	0.072
0.072					
K5E1B	ON	K6F74_R	10.631	0.071	0.071
0.071					
K5E1B	ON	P5Q3AD	11.231	0.061	0.061
0.061					
K5E1B	ON	P5Q3AF	10.460	0.051	0.051
0.051					
K5E1B	ON	P5Q3AV	10.483	0.053	0.053
0.053					
K5E1B	ON	P5Q3AX	11.274	0.053	0.053
0.053					

K5E1B 0.055	ON P5Q3BQ	10.071	0.055	0.055
K5E1B 0.047	ON P5Q3CK	10.291	0.047	0.047
K5E1B 0.061	ON P5Q3BB6	11.943	0.061	0.061
K5E1B 0.069	ON P5Q3BB7	12.805	0.069	0.069
K5E1B 0.055	ON P5Q3X	11.146	0.055	0.055
K5E1B 0.045	ON P5Q3AA	11.092	0.045	0.045
K5E1B 0.062	ON P5Q3AL	13.405	0.062	0.062
K5E1B 0.047	ON P5Q3AP	10.613	0.047	0.047
K5E1B 0.068	ON P5Q3BI	10.362	0.068	0.068
K5E1B 0.060	ON P5Q3BZ	15.411	0.060	0.060
K5E1B 0.054	ON P5Q3CJ	13.368	0.054	0.054
K5E1B 0.057	ON P5Q3C	12.915	0.057	0.057
K5E1B 0.048	ON P5Q30	11.390	0.048	0.048
K5E1B 0.052	ON P5Q3R	11.367	0.052	0.052
K5E1B 0.048	ON P5Q3S	12.164	0.048	0.048
K5E1B 0.046	ON P5Q3T	11.710	0.046	0.046
K5E1B 0.044	ON P5Q3U	10.311	0.044	0.044
K5E1B 0.051	ON P5Q3AJ	12.099	0.051	0.051
K5E1B 0.053	ON P5Q3BC	14.804	0.053	0.053
K5E1B 0.057	ON P5Q3BN	14.765	0.057	0.057
K5E1B 0.047	ON P5Q3CF	11.262	0.047	0.047
K5E1B 0.049	ON P5Q3CG	12.661	0.049	0.049
K5E1B 0.054	ON P5Q3CH	12.743	0.054	0.054
K5E1B 0.056	ON P5Q3CI	11.780	0.056	0.056
K5E1B 0.050	ON P5Q3CN	10.256	0.050	0.050

K5E1B 0.049	ON P5Q3C0	12.906	0.049	0.049
K5E1B 0.051	ON P5Q3CQ	14.815	0.051	0.051
K5E1B 0.063	ON P5Q3CW	15.983	0.063	0.063
K5E1D -0.078	ON P5Q3M	15.654	-0.078	-0.078
K5E1D -0.079	ON P5Q3AB	10.702	-0.079	-0.079
K5E1D -0.085	ON P5Q3AD	16.326	-0.085	-0.085
K5E1D -0.070	ON P5Q3AF	14.784	-0.070	-0.070
K5E1D -0.070	ON P5Q3AH	16.607	-0.070	-0.070
K5E1D -0.080	ON P5Q3AR	14.500	-0.080	-0.080
K5E1D -0.075	ON P5Q3AV	15.203	-0.075	-0.075
K5E1D -0.072	ON P5Q3AX	15.360	-0.072	-0.072
K5E1D -0.074	ON P5Q3BQ	13.597	-0.074	-0.074
K5E1D -0.072	ON P5Q3CK	18.030	-0.072	-0.072
K5E1D -0.070	ON P5Q3DB	10.613	-0.070	-0.070
K5E1D -0.106	ON P5Q3E	17.697	-0.106	-0.106
K5E1D -0.097	ON P5Q3A0	20.529	-0.097	-0.097
K5E1D -0.083	ON P5Q3BK	16.717	-0.083	-0.083
K5E1D -0.092	ON P5Q3B0	21.917	-0.092	-0.092
K5E1D -0.090	ON P5Q3CU	18.754	-0.090	-0.090
K5E1D -0.080	ON P5Q3DA	17.716	-0.080	-0.080
K5E1D -0.087	ON P5Q3AS	16.214	-0.087	-0.087
K5E1D -0.100	ON P5Q3AU	15.590	-0.100	-0.100
K5E1D -0.083	ON P5Q3AZ	19.726	-0.083	-0.083
K5E1D -0.096	ON P5Q3BB1	20.879	-0.096	-0.096
K5E1D -0.098	ON P5Q3BB2	16.834	-0.098	-0.098

K5E1D -0.115	ON P5Q3BB5	17.895	-0.115	-0.115
K5E1D -0.079	ON P5Q3BB6	14.373	-0.079	-0.079
K5E1D -0.082	ON P5Q3BB7	13.569	-0.082	-0.082
K5E1D -0.081	ON P5Q3X	17.586	-0.081	-0.081
K5E1D -0.062	ON P5Q3AA	15.157	-0.062	-0.062
K5E1D -0.080	ON P5Q3AL	16.506	-0.080	-0.080
K5E1D -0.072	ON P5Q3AP	18.510	-0.072	-0.072
K5E1D -0.088	ON P5Q3BI	12.876	-0.088	-0.088
K5E1D -0.077	ON P5Q3BZ	18.843	-0.077	-0.077
K5E1D -0.071	ON P5Q3CJ	16.782	-0.071	-0.071
K5E1D -0.068	ON P5Q3C	13.525	-0.068	-0.068
K5E1D -0.064	ON P5Q30	15.114	-0.064	-0.064
K5E1D -0.068	ON P5Q3R	14.122	-0.068	-0.068
K5E1D -0.067	ON P5Q3S	17.157	-0.067	-0.067
K5E1D -0.063	ON P5Q3T	15.997	-0.063	-0.063
K5E1D -0.057	ON P5Q3U	12.412	-0.057	-0.057
K5E1D -0.073	ON P5Q3V	19.280	-0.073	-0.073
K5E1D -0.073	ON P5Q3AJ	18.447	-0.073	-0.073
K5E1D -0.063	ON P5Q3BC	15.432	-0.063	-0.063
K5E1D -0.067	ON P5Q3BN	15.025	-0.067	-0.067
K5E1D -0.064	ON P5Q3CF	15.413	-0.064	-0.064
K5E1D -0.068	ON P5Q3CG	18.016	-0.068	-0.068
K5E1D -0.070	ON P5Q3CH	15.663	-0.070	-0.070
K5E1D -0.080	ON P5Q3CI	17.743	-0.080	-0.080
K5E1D -0.071	ON P5Q3CN	15.089	-0.071	-0.071

K5E1D	ON P5Q3C0	15.374	-0.062	-0.062
-0.062				
K5E1D	ON P5Q3CQ	15.722	-0.062	-0.062
-0.062				
K5E1D	ON P5Q3CW	16.500	-0.074	-0.074
-0.074				
K6D2AG_R	ON K6B1C_R	10.070	0.062	0.062
0.062				
K6D2AG_R	ON K6D2AI_R	23.493	0.113	0.113
0.113				
K6D2AG_R	ON K6D2T_R	61.286	0.175	0.175
0.175				
K6D2AG_R	ON K6D2P_R	10.767	-0.057	-0.057
-0.057				
K6D2AG_R	ON K6D2AJ_R	10.091	-0.053	-0.053
-0.053				
K6D2AG_R	ON K6D61C	30.610	-0.106	-0.106
-0.106				
K6D2AG_R	ON K6D61D	34.828	-0.123	-0.123
-0.123				
K6D2AG_R	ON K6D61E	36.004	-0.143	-0.143
-0.143				
K6D2AG_R	ON K6D61K	33.437	-0.113	-0.113
-0.113				
K6D2AG_R	ON K6D61L	32.252	-0.140	-0.140
-0.140				
K6D2AG_R	ON K6D40_R	23.597	-0.123	-0.123
-0.123				
K6D2AG_R	ON K6D48_R	11.490	-0.083	-0.083
-0.083				
K6D2AG_R	ON K6F63_R	23.915	-0.113	-0.113
-0.113				
K6D2AG_R	ON K6F68_R	21.977	-0.125	-0.125
-0.125				
K6D2AG_R	ON K6F74_R	22.942	-0.127	-0.127
-0.127				
K6D2AG_R	ON K6D2G_R	11.222	0.100	0.100
0.100				
K6D2AG_R	ON K6D2I_R	10.010	0.074	0.074
0.074				
K6D2AG_R	ON P5Q3X	11.169	-0.053	-0.053
-0.053				
K6D2AG_R	ON P5Q3AA	17.531	-0.055	-0.055
-0.055				
K6D2AG_R	ON P5Q3AL	19.744	-0.071	-0.071
-0.071				
K6D2AG_R	ON P5Q3AP	15.255	-0.054	-0.054
-0.054				
K6D2AG_R	ON P5Q3BI	12.275	-0.072	-0.072
-0.072				

K6D2AG_R ON P5Q3BZ -0.053	13.303	-0.053	-0.053
K6D2AG_R ON P5Q3CJ -0.052	13.876	-0.052	-0.052
K6D2AG_R ON P5Q3C -0.052	11.358	-0.052	-0.052
K6D2AG_R ON P5Q30 -0.055	16.553	-0.055	-0.055
K6D2AG_R ON P5Q3R -0.054	13.075	-0.054	-0.054
K6D2AG_R ON P5Q3S -0.054	16.966	-0.054	-0.054
K6D2AG_R ON P5Q3T -0.053	17.178	-0.053	-0.053
K6D2AG_R ON P5Q3U -0.056	17.829	-0.056	-0.056
K6D2AG_R ON P5Q3V -0.062	20.432	-0.062	-0.062
K6D2AG_R ON P5Q3AJ -0.062	19.768	-0.062	-0.062
K6D2AG_R ON P5Q3BC -0.050	14.995	-0.050	-0.050
K6D2AG_R ON P5Q3BN -0.050	12.734	-0.050	-0.050
K6D2AG_R ON P5Q3CF -0.050	14.237	-0.050	-0.050
K6D2AG_R ON P5Q3CG -0.048	13.271	-0.048	-0.048
K6D2AG_R ON P5Q3CH -0.053	13.505	-0.053	-0.053
K6D2AG_R ON P5Q3CI -0.061	15.250	-0.061	-0.061
K6D2AG_R ON P5Q3CN -0.055	13.751	-0.055	-0.055
K6D2AG_R ON P5Q3C0 -0.049	14.559	-0.049	-0.049
K6D2AG_R ON P5Q3CQ -0.050	16.245	-0.050	-0.050
K6D2AG_R ON P5Q3CW -0.049	10.987	-0.049	-0.049
K6D2AI_R ON K6B1A_R 0.075	12.869	0.075	0.075
K6D2AI_R ON K6B1C_R 0.071	13.359	0.071	0.071
K6D2AI_R ON K6D2AG_R 0.113	23.495	0.113	0.113
K6D2AI_R ON K6D2T_R 0.107	16.717	0.107	0.107
K6D2AI_R ON K6D2B_R 0.068	11.240	0.068	0.068

K6D2AI_R ON K6D2F_R 0.074	12.571	0.074	0.074
K6D2AI_R ON K6D2I_R 0.111	21.619	0.111	0.111
K6D2AI_R ON K6D2K_R 0.088	15.323	0.088	0.088
K6D2AI_R ON K6D2L_R 0.081	11.386	0.081	0.081
K6D2AI_R ON K6D2M_R 0.117	26.747	0.117	0.117
K6D2AI_R ON K6D2V_R 0.093	15.994	0.093	0.093
K6D2AI_R ON K6D2W_R 0.077	13.243	0.077	0.077
K6D2AI_R ON K6D2AA_R 0.065	10.116	0.065	0.065
K6D2AI_R ON P5Q3V -0.044	10.958	-0.044	-0.044
K6D2D_R ON K6B1A_R 0.076	12.439	0.076	0.076
K6D2D_R ON K6D2T_R 0.160	42.263	0.160	0.160
K6D2D_R ON K6D2AC_R -0.097	11.225	-0.097	-0.097
K6D2D_R ON K6D2C_R 0.124	25.652	0.124	0.124
K6D2D_R ON K6D2A_R 0.068	10.628	0.068	0.068
K6D2D_R ON K6D2R_R 0.072	13.086	0.072	0.072
K6D2D_R ON K6D2B_R 0.086	17.361	0.086	0.086
K6D2D_R ON K6D2F_R 0.108	25.532	0.108	0.108
K6D2D_R ON K6D2G_R 0.161	27.256	0.161	0.161
K6D2D_R ON K6D2I_R 0.147	35.443	0.147	0.147
K6D2D_R ON K6D2K_R 0.145	38.830	0.145	0.145
K6D2D_R ON K6D2L_R 0.119	24.087	0.119	0.119
K6D2D_R ON K6D2M_R 0.129	31.711	0.129	0.129
K6D2D_R ON K6D2O_R 0.086	13.891	0.086	0.086
K6D2D_R ON K6D2S_R 0.088	23.260	0.088	0.088
K6D2D_R ON K6D2V_R 0.145	36.712	0.145	0.145

K6D2D_R	ON	K6D2W_R	30.433	0.120	0.120
0.120					
K6D2D_R	ON	K6D2Y_R	20.678	0.106	0.106
0.106					
K6D2D_R	ON	K6D2AA_R	28.947	0.115	0.115
0.115					
K6D2D_R	ON	K6D2AE_R	31.944	0.140	0.140
0.140					
K6D2D_R	ON	K6D2AF_R	29.196	0.137	0.137
0.137					
K6D2D_R	ON	K6D2AH_R	23.693	0.127	0.127
0.127					
K6D2J_R	ON	K6D2C_R	16.916	0.096	0.096
0.096					
K6D2J_R	ON	K6D2A_R	14.080	0.071	0.071
0.071					
K6D2J_R	ON	K6D2P_R	12.220	0.054	0.054
0.054					
K6D2J_R	ON	K6D2R_R	21.323	0.082	0.082
0.082					
K6D2J_R	ON	K6D2Z_R	14.043	0.065	0.065
0.065					
K6D2J_R	ON	K6D2B_R	11.605	0.065	0.065
0.065					
K6D2J_R	ON	K6D2F_R	16.220	0.079	0.079
0.079					
K6D2J_R	ON	K6D2G_R	24.925	0.145	0.145
0.145					
K6D2J_R	ON	K6D2I_R	38.285	0.137	0.137
0.137					
K6D2J_R	ON	K6D2K_R	36.800	0.131	0.131
0.131					
K6D2J_R	ON	K6D2L_R	22.871	0.112	0.112
0.112					
K6D2J_R	ON	K6D2M_R	28.965	0.115	0.115
0.115					
K6D2J_R	ON	K6D2V_R	36.040	0.135	0.135
0.135					
K6D2J_R	ON	K6D2W_R	17.016	0.084	0.084
0.084					
K6D2J_R	ON	K6D2Y_R	14.431	0.084	0.084
0.084					
K6D2J_R	ON	K6D2AA_R	15.609	0.079	0.079
0.079					
K6D2J_R	ON	K6D2AE_R	23.064	0.106	0.106
0.106					
K6D2J_R	ON	K6D2AF_R	18.493	0.102	0.102
0.102					
K6D2J_R	ON	K6D2AH_R	13.882	0.088	0.088
0.088					

K6D2J_R	ON	P5Q3AR	10.719	-0.054	-0.054
-0.054					
K6D2J_R	ON	P5Q3AV	10.913	-0.050	-0.050
-0.050					
K6D2J_R	ON	P5Q3AX	10.768	-0.048	-0.048
-0.048					
K6D2J_R	ON	P5Q3BQ	10.920	-0.053	-0.053
-0.053					
K6D2J_R	ON	P5Q3CK	10.867	-0.044	-0.044
-0.044					
K6D2J_R	ON	P5Q3AZ	10.780	-0.049	-0.049
-0.049					
K6D2J_R	ON	P5Q3BB2	10.419	-0.062	-0.062
-0.062					
K6D2J_R	ON	P5Q3BB7	12.247	-0.062	-0.062
-0.062					
K6D2T_R	ON	K6B1B_R	10.171	0.064	0.064
0.064					
K6D2T_R	ON	K6D2AG_R	61.285	0.175	0.175
0.175					
K6D2T_R	ON	K6D2AI_R	16.715	0.107	0.107
0.107					
K6D2T_R	ON	K6D2D_R	42.262	0.160	0.160
0.160					
K6D2T_R	ON	K6D61C	11.623	-0.068	-0.068
-0.068					
K6D2T_R	ON	K6D61D	13.298	-0.078	-0.078
-0.078					
K6D2T_R	ON	K6D61E	11.267	-0.082	-0.082
-0.082					
K6D2T_R	ON	K6D61K	13.714	-0.074	-0.074
-0.074					
K6D2T_R	ON	K6D61L	18.923	-0.111	-0.111
-0.111					
K6D2T_R	ON	K6F63_R	12.619	-0.085	-0.085
-0.085					
K6D2T_R	ON	K6D2B_R	12.301	0.073	0.073
0.073					
K6D2T_R	ON	K6D2F_R	18.714	0.094	0.094
0.094					
K6D2T_R	ON	K6D2G_R	24.525	0.159	0.159
0.159					
K6D2T_R	ON	K6D2I_R	23.802	0.122	0.122
0.122					
K6D2T_R	ON	K6D2K_R	10.848	0.076	0.076
0.076					
K6D2T_R	ON	K6D2L_R	22.773	0.118	0.118
0.118					
K6D2T_R	ON	K6D2M_R	16.259	0.093	0.093
0.093					

K6D2T_R ON K6D20_R 0.080	11.315	0.080	0.080
K6D2T_R ON K6D2S_R 0.090	23.015	0.090	0.090
K6D2T_R ON K6D2V_R 0.094	15.378	0.094	0.094
K6D2T_R ON K6D2W_R 0.088	16.110	0.088	0.088
K6D2T_R ON K6D2Y_R 0.102	18.176	0.102	0.102
K6D2T_R ON K6D2AA_R 0.090	17.538	0.090	0.090
K6D2T_R ON K6D2AE_R 0.131	26.159	0.131	0.131
K6D2T_R ON K6D2AF_R 0.129	24.979	0.129	0.129
K6D2T_R ON K6D2AH_R 0.112	17.837	0.112	0.112
K6D2T_R ON P5Q3AL -0.054	10.880	-0.054	-0.054
K6D2AC_R ON K6B1A_R -0.120	31.376	-0.120	-0.120
K6D2AC_R ON K6B1B_R -0.102	26.028	-0.102	-0.102
K6D2AC_R ON K6B1C_R -0.111	30.811	-0.111	-0.111
K6D2AC_R ON K6B1D_R -0.128	29.115	-0.128	-0.128
K6D2AC_R ON K6D2D_R -0.097	11.223	-0.097	-0.097
K6D2AC_R ON K6D2AK_R -0.125	16.327	-0.125	-0.125
K6D2AC_R ON K6D61K -0.071	11.738	-0.071	-0.071
K6D2AC_R ON K6D2B_R -0.169	85.354	-0.169	-0.169
K6D2AC_R ON K6D2F_R -0.146	52.151	-0.146	-0.146
K6D2AC_R ON K6D2G_R -0.159	26.474	-0.159	-0.159
K6D2AC_R ON K6D2I_R -0.097	15.408	-0.097	-0.097
K6D2AC_R ON K6D2K_R -0.106	20.847	-0.106	-0.106
K6D2AC_R ON K6D2L_R -0.179	61.856	-0.179	-0.179
K6D2AC_R ON K6D2M_R -0.094	16.241	-0.094	-0.094
K6D2AC_R ON K6D20_R -0.133	33.921	-0.133	-0.133

K6D2AC_R ON K6D2S_R -0.164	123.514	-0.164	-0.164
K6D2AC_R ON K6D2V_R -0.113	22.124	-0.113	-0.113
K6D2AC_R ON K6D2W_R -0.124	33.761	-0.124	-0.124
K6D2AC_R ON K6D2Y_R -0.161	50.387	-0.161	-0.161
K6D2AC_R ON K6D2AA_R -0.152	61.124	-0.152	-0.152
K6D2AC_R ON K6D2AE_R -0.091	13.414	-0.091	-0.091
K6D2AC_R ON K6D2AF_R -0.147	34.410	-0.147	-0.147
K6D2AC_R ON K6D2AH_R -0.122	22.848	-0.122	-0.122
K6D2AK_R ON K5E1A -0.064	10.034	-0.064	-0.064
K6D2AK_R ON K5E1D -0.079	15.197	-0.079	-0.079
K6D2AK_R ON K6D2AC_R -0.125	16.330	-0.125	-0.125
K6D2AK_R ON K6D2N_R -0.092	10.436	-0.092	-0.092
K6D2AK_R ON K6D2A_R 0.265	177.437	0.265	0.265
K6D2AK_R ON K6D2P_R 0.236	223.138	0.236	0.236
K6D2AK_R ON K6D2R_R 0.269	216.139	0.269	0.269
K6D2AK_R ON K6D2Z_R 0.258	205.327	0.258	0.258
K6D2AK_R ON K6D2AB_R 0.260	214.498	0.260	0.260
K6D2AK_R ON K6D2AJ_R 0.257	325.488	0.257	0.257
K6D2AK_R ON K6D61C 0.264	212.732	0.264	0.264
K6D2AK_R ON K6D61D 0.257	172.450	0.257	0.257
K6D2AK_R ON K6D61E 0.311	196.983	0.311	0.311
K6D2AK_R ON K6D61K 0.266	210.103	0.266	0.266
K6D2AK_R ON K6D61L 0.319	187.180	0.319	0.319
K6D2AK_R ON K6D61M 0.304	159.991	0.304	0.304
K6D2AK_R ON K6D40_R 0.356	219.301	0.356	0.356

K6D2AK_R ON K6D48_R 0.310	169.710	0.310	0.310
K6D2AK_R ON K6F63_R 0.283	166.683	0.283	0.283
K6D2AK_R ON K6F68_R 0.415	271.489	0.415	0.415
K6D2AK_R ON K6F74_R 0.407	264.143	0.407	0.407
K6D2AK_R ON K6D2B_R 0.144	47.653	0.144	0.144
K6D2AK_R ON K6D2F_R 0.162	58.264	0.162	0.162
K6D2AK_R ON K6D2G_R 0.195	41.666	0.195	0.195
K6D2AK_R ON K6D2I_R 0.096	17.731	0.096	0.096
K6D2AK_R ON K6D2K_R 0.124	32.078	0.124	0.124
K6D2AK_R ON K6D2L_R 0.182	54.667	0.182	0.182
K6D2AK_R ON K6D2M_R 0.138	38.410	0.138	0.138
K6D2AK_R ON K6D2O_R 0.145	40.249	0.145	0.145
K6D2AK_R ON K6D2S_R 0.134	54.439	0.134	0.134
K6D2AK_R ON K6D2V_R 0.138	35.509	0.138	0.138
K6D2AK_R ON K6D2W_R 0.140	42.910	0.140	0.140
K6D2AK_R ON K6D2Y_R 0.155	44.226	0.155	0.155
K6D2AK_R ON K6D2AA_R 0.172	64.841	0.172	0.172
K6D2AK_R ON K6D2AE_R 0.159	45.572	0.159	0.159
K6D2AK_R ON K6D2AF_R 0.177	50.614	0.177	0.177
K6D2AK_R ON K6D2AH_R 0.145	34.199	0.145	0.145
K6D2AK_R ON P5Q3M 0.108	48.138	0.108	0.108
K6D2AK_R ON P5Q3AB 0.106	29.574	0.106	0.106
K6D2AK_R ON P5Q3AD 0.115	46.949	0.115	0.115
K6D2AK_R ON P5Q3AF 0.098	46.503	0.098	0.098
K6D2AK_R ON P5Q3AH 0.101	55.191	0.101	0.101

K6D2AK_R ON P5Q3AR 0.118	50.725	0.118	0.118
K6D2AK_R ON P5Q3AV 0.102	45.525	0.102	0.102
K6D2AK_R ON P5Q3AX 0.103	51.606	0.103	0.103
K6D2AK_R ON P5Q3BQ 0.095	34.181	0.095	0.095
K6D2AK_R ON P5Q3CK 0.099	55.404	0.099	0.099
K6D2AK_R ON P5Q3DB 0.107	37.591	0.107	0.107
K6D2AK_R ON P5Q3E 0.132	41.907	0.132	0.132
K6D2AK_R ON P5Q3A0 0.125	54.642	0.125	0.125
K6D2AK_R ON P5Q3BK 0.115	51.478	0.115	0.115
K6D2AK_R ON P5Q3B0 0.114	52.722	0.114	0.114
K6D2AK_R ON P5Q3CU 0.116	48.749	0.116	0.116
K6D2AK_R ON P5Q3DA 0.107	50.680	0.107	0.107
K6D2AK_R ON P5Q3AS 0.119	47.423	0.119	0.119
K6D2AK_R ON P5Q3AU 0.134	45.259	0.134	0.134
K6D2AK_R ON P5Q3AZ 0.106	52.035	0.106	0.106
K6D2AK_R ON P5Q3BB1 0.109	42.576	0.109	0.109
K6D2AK_R ON P5Q3BB2 0.119	38.338	0.119	0.119
K6D2AK_R ON P5Q3BB5 0.132	36.212	0.132	0.132
K6D2AK_R ON P5Q3BB6 0.102	38.320	0.102	0.102
K6D2AK_R ON P5Q3BB7 0.117	44.289	0.117	0.117
K6D2AK_R ON P5Q3X 0.147	96.743	0.147	0.147
K6D2AK_R ON P5Q3AA 0.122	98.725	0.122	0.122
K6D2AK_R ON P5Q3AL 0.153	101.336	0.153	0.153
K6D2AK_R ON P5Q3AP 0.128	96.657	0.128	0.128
K6D2AK_R ON P5Q3BI 0.165	71.451	0.165	0.165

K6D2AK_R ON P5Q3BZ 0.144	111.175	0.144	0.144
K6D2AK_R ON P5Q3CJ 0.137	106.791	0.137	0.137
K6D2AK_R ON P5Q3C 0.139	91.820	0.139	0.139
K6D2AK_R ON P5Q30 0.130	102.942	0.130	0.130
K6D2AK_R ON P5Q3R 0.135	91.497	0.135	0.135
K6D2AK_R ON P5Q3S 0.127	106.285	0.127	0.127
K6D2AK_R ON P5Q3T 0.123	101.303	0.123	0.123
K6D2AK_R ON P5Q3U 0.120	92.414	0.120	0.120
K6D2AK_R ON P5Q3V 0.131	102.615	0.131	0.131
K6D2AK_R ON P5Q3AJ 0.135	104.678	0.135	0.135
K6D2AK_R ON P5Q3BC 0.127	107.219	0.127	0.127
K6D2AK_R ON P5Q3BN 0.126	90.239	0.126	0.126
K6D2AK_R ON P5Q3CF 0.121	91.098	0.121	0.121
K6D2AK_R ON P5Q3CG 0.120	92.528	0.120	0.120
K6D2AK_R ON P5Q3CH 0.137	100.449	0.137	0.137
K6D2AK_R ON P5Q3CI 0.147	98.395	0.147	0.147
K6D2AK_R ON P5Q3CN 0.137	96.037	0.137	0.137
K6D2AK_R ON P5Q3C0 0.120	97.543	0.120	0.120
K6D2AK_R ON P5Q3CQ 0.123	107.350	0.123	0.123
K6D2AK_R ON P5Q3CW 0.139	96.739	0.139	0.139
K6D2C_R ON K6D2D_R 0.124	25.654	0.124	0.124
K6D2C_R ON K6D2J_R 0.096	16.918	0.096	0.096
K6D2C_R ON K6D2A_R 0.137	53.482	0.137	0.137
K6D2C_R ON K6D2P_R 0.085	28.761	0.085	0.085
K6D2C_R ON K6D2R_R 0.143	65.759	0.143	0.143

K6D2C_R	ON	K6D2Z_R	44.024	0.118	0.118
0.118					
K6D2C_R	ON	K6D2AB_R	22.726	0.086	0.086
0.086					
K6D2C_R	ON	K6D2AJ_R	19.999	0.071	0.071
0.071					
K6D2C_R	ON	K6D61C	14.427	0.070	0.070
0.070					
K6D2C_R	ON	K6D61K	13.663	0.069	0.069
0.069					
K6D2C_R	ON	K6D61L	13.236	0.085	0.085
0.085					
K6D2C_R	ON	K6D40_R	13.683	0.091	0.091
0.091					
K6D2C_R	ON	K6D48_R	10.821	0.079	0.079
0.079					
K6D2C_R	ON	K6F68_R	24.021	0.126	0.126
0.126					
K6D2C_R	ON	K6F74_R	24.167	0.125	0.125
0.125					
K6D2C_R	ON	K6D2G_R	14.057	0.110	0.110
0.110					
K6D2C_R	ON	K6D2I_R	34.348	0.135	0.135
0.135					
K6D2C_R	ON	K6D2K_R	33.447	0.127	0.127
0.127					
K6D2C_R	ON	K6D2L_R	14.742	0.089	0.089
0.089					
K6D2C_R	ON	K6D2M_R	31.352	0.123	0.123
0.123					
K6D2C_R	ON	K6D2V_R	18.626	0.098	0.098
0.098					
K6D2C_R	ON	K6D2W_R	13.245	0.075	0.075
0.075					
K6D2C_R	ON	K6D2AA_R	10.283	0.065	0.065
0.065					
K6D2C_R	ON	K6D2AE_R	17.543	0.095	0.095
0.095					
K6D2C_R	ON	K6D2AF_R	12.770	0.087	0.087
0.087					
K6D2N_R	ON	K6B1D_R	10.129	-0.073	-0.073
-0.073					
K6D2N_R	ON	K6D2AK_R	10.433	-0.092	-0.092
-0.092					
K6D2N_R	ON	K6D2A_R	19.322	-0.096	-0.096
-0.096					
K6D2N_R	ON	K6D2P_R	21.133	-0.081	-0.081
-0.081					
K6D2N_R	ON	K6D2Z_R	21.191	-0.093	-0.093
-0.093					

K6D2N_R -0.089	ON K6D2AB_R	19.664	-0.089	-0.089
K6D2N_R -0.082	ON K6D2AJ_R	22.856	-0.082	-0.082
K6D2N_R -0.137	ON K6D61C	48.624	-0.137	-0.137
K6D2N_R -0.145	ON K6D61D	46.966	-0.145	-0.145
K6D2N_R -0.174	ON K6D61E	50.992	-0.174	-0.174
K6D2N_R -0.143	ON K6D61K	51.631	-0.143	-0.143
K6D2N_R -0.171	ON K6D61L	46.372	-0.171	-0.171
K6D2N_R -0.099	ON K6D61M	14.864	-0.099	-0.099
K6D2N_R -0.150	ON K6D40_R	33.606	-0.150	-0.150
K6D2N_R -0.116	ON K6D48_R	21.458	-0.116	-0.116
K6D2N_R -0.135	ON K6F63_R	33.119	-0.135	-0.135
K6D2N_R -0.164	ON K6F68_R	35.867	-0.164	-0.164
K6D2N_R -0.158	ON K6F74_R	33.498	-0.158	-0.158
K6D2N_R -0.153	ON K6D2B_R	74.348	-0.153	-0.153
K6D2N_R -0.117	ON K6D2F_R	36.125	-0.117	-0.117
K6D2N_R -0.133	ON K6D2G_R	20.239	-0.133	-0.133
K6D2N_R -0.076	ON K6D2I_R	10.281	-0.076	-0.076
K6D2N_R -0.093	ON K6D2K_R	17.897	-0.093	-0.093
K6D2N_R -0.162	ON K6D2L_R	55.821	-0.162	-0.162
K6D2N_R -0.091	ON K6D2M_R	17.514	-0.091	-0.091
K6D2N_R -0.120	ON K6D2O_R	32.646	-0.120	-0.120
K6D2N_R -0.149	ON K6D2S_R	104.229	-0.149	-0.149
K6D2N_R -0.100	ON K6D2V_R	19.744	-0.100	-0.100
K6D2N_R -0.120	ON K6D2W_R	35.518	-0.120	-0.120
K6D2N_R -0.140	ON K6D2Y_R	41.181	-0.140	-0.140

K6D2N_R -0.135	ON K6D2AA_R	51.245	-0.135	-0.135
K6D2N_R -0.092	ON K6D2AE_R	15.613	-0.092	-0.092
K6D2N_R -0.126	ON K6D2AF_R	27.984	-0.126	-0.126
K6D2N_R -0.098	ON K6D2AH_R	16.263	-0.098	-0.098
K6D2X_R -0.116	ON K6B1A_R	21.160	-0.116	-0.116
K6D2X_R -0.111	ON K6B1B_R	24.052	-0.111	-0.111
K6D2X_R -0.112	ON K6B1C_R	24.423	-0.112	-0.112
K6D2X_R -0.143	ON K6B1D_R	27.390	-0.143	-0.143
K6D2X_R -0.070	ON K6D2AJ_R	10.474	-0.070	-0.070
K6D2X_R -0.092	ON K6D61C	15.339	-0.092	-0.092
K6D2X_R -0.102	ON K6D61D	15.687	-0.102	-0.102
K6D2X_R -0.124	ON K6D61E	17.494	-0.124	-0.124
K6D2X_R -0.100	ON K6D61K	17.563	-0.100	-0.100
K6D2X_R -0.126	ON K6D61L	16.449	-0.126	-0.126
K6D2X_R -0.108	ON K6D40_R	11.915	-0.108	-0.108
K6D2X_R -0.099	ON K6F63_R	12.192	-0.099	-0.099
K6D2X_R -0.114	ON K6F68_R	11.833	-0.114	-0.114
K6D2X_R -0.114	ON K6F74_R	12.206	-0.114	-0.114
K6D2X_R -0.232	ON K6D2B_R	159.892	-0.232	-0.232
K6D2X_R -0.172	ON K6D2F_R	54.427	-0.172	-0.172
K6D2X_R -0.246	ON K6D2G_R	49.199	-0.246	-0.246
K6D2X_R -0.143	ON K6D2I_R	25.708	-0.143	-0.143
K6D2X_R -0.160	ON K6D2K_R	36.509	-0.160	-0.160
K6D2X_R -0.245	ON K6D2L_R	103.222	-0.245	-0.245
K6D2X_R -0.148	ON K6D2M_R	32.843	-0.148	-0.148

K6D2X_R	ON K6D20_R	87.798	-0.232	-0.232
-0.232				
K6D2X_R	ON K6D2S_R	99.650	-0.166	-0.166
-0.166				
K6D2X_R	ON K6D2V_R	55.372	-0.195	-0.195
-0.195				
K6D2X_R	ON K6D2W_R	62.908	-0.180	-0.180
-0.180				
K6D2X_R	ON K6D2Y_R	76.141	-0.215	-0.215
-0.215				
K6D2X_R	ON K6D2AA_R	74.310	-0.184	-0.184
-0.184				
K6D2X_R	ON K6D2AE_R	31.340	-0.160	-0.160
-0.160				
K6D2X_R	ON K6D2AF_R	77.282	-0.235	-0.235
-0.235				
K6D2X_R	ON K6D2AH_R	49.783	-0.202	-0.202
-0.202				
K6D2A_R	ON K6D2D_R	26.114	0.088	0.088
0.088				
K6D2A_R	ON K6D2J_R	20.353	0.078	0.078
0.078				
K6D2A_R	ON K6D2T_R	13.198	0.063	0.063
0.063				
K6D2A_R	ON K6D2AK_R	31.273	0.103	0.103
0.103				
K6D2A_R	ON K6D2C_R	40.333	0.106	0.106
0.106				
K6D2A_R	ON K6D2P_R	15.694	0.091	0.091
0.091				
K6D2A_R	ON K6D2R_R	16.009	0.094	0.094
0.094				
K6D2A_R	ON K6D2Z_R	30.129	0.124	0.124
0.124				
K6D2A_R	ON K6D61C	22.908	-0.241	-0.241
-0.241				
K6D2A_R	ON K6D61D	10.850	-0.114	-0.114
-0.114				
K6D2A_R	ON K6D61K	24.944	-0.242	-0.242
-0.242				
K6D2A_R	ON K6D61M	11.857	-0.116	-0.116
-0.116				
K6D2A_R	ON K6D40_R	22.101	-0.262	-0.262
-0.262				
K6D2A_R	ON K6D48_R	17.828	-0.174	-0.174
-0.174				
K6D2A_R	ON K6F63_R	23.778	-0.188	-0.188
-0.188				
K6D2P_R	ON K6D2AG_R	17.318	0.065	0.065
0.065				

K6D2P_R	ON	K6D2AI_R	19.641	0.082	0.082
0.082					
K6D2P_R	ON	K6D2D_R	28.318	0.093	0.093
0.093					
K6D2P_R	ON	K6D2J_R	33.374	0.099	0.099
0.099					
K6D2P_R	ON	K6D2T_R	31.628	0.096	0.096
0.096					
K6D2P_R	ON	K6D2AC_R	18.915	0.063	0.063
0.063					
K6D2P_R	ON	K6D2AK_R	66.240	0.143	0.143
0.143					
K6D2P_R	ON	K6D2C_R	35.452	0.101	0.101
0.101					
K6D2P_R	ON	K6D2N_R	15.421	0.057	0.057
0.057					
K6D2P_R	ON	K6D2X_R	22.871	0.084	0.084
0.084					
K6D2P_R	ON	K6D2A_R	15.697	0.091	0.091
0.091					
K6D2P_R	ON	K6D2R_R	17.786	0.093	0.093
0.093					
K6D2P_R	ON	K6D2Z_R	38.352	0.132	0.132
0.132					
K6D2P_R	ON	K6D2AB_R	26.913	0.113	0.113
0.113					
K6D2P_R	ON	K6D2AJ_R	21.251	0.099	0.099
0.099					
K6D2P_R	ON	K6D61C	65.815	-0.396	-0.396
-0.396					
K6D2P_R	ON	K6D61D	30.778	-0.183	-0.183
-0.183					
K6D2P_R	ON	K6D61E	15.472	-0.169	-0.169
-0.169					
K6D2P_R	ON	K6D61K	65.171	-0.374	-0.374
-0.374					
K6D2P_R	ON	K6D61L	12.009	-0.136	-0.136
-0.136					
K6D2P_R	ON	K6D40_R	19.967	-0.244	-0.244
-0.244					
K6D2P_R	ON	K6D48_R	17.342	-0.166	-0.166
-0.166					
K6D2P_R	ON	K6F63_R	31.195	-0.206	-0.206
-0.206					
K6D2P_R	ON	K6F74_R	14.478	-0.296	-0.296
-0.296					
K6D2P_R	ON	K6D2B_R	14.551	-0.055	-0.055
-0.055					
K6D2P_R	ON	K6D2F_R	12.825	-0.054	-0.054
-0.054					

K6D2P_R -0.074	ON K6D2G_R	11.034	-0.074	-0.074
K6D2P_R -0.093	ON K6D2I_R	28.002	-0.093	-0.093
K6D2P_R -0.070	ON K6D2K_R	17.807	-0.070	-0.070
K6D2P_R -0.060	ON K6D2L_R	13.548	-0.060	-0.060
K6D2P_R -0.071	ON K6D2M_R	19.406	-0.071	-0.071
K6D2P_R -0.043	ON K6D2S_R	11.749	-0.043	-0.043
K6D2P_R -0.089	ON K6D2V_R	29.338	-0.089	-0.089
K6D2P_R -0.054	ON K6D2W_R	12.170	-0.054	-0.054
K6D2P_R -0.063	ON K6D2Y_R	14.866	-0.063	-0.063
K6D2P_R -0.047	ON P5Q3CJ	11.248	-0.047	-0.047
K6D2P_R -0.048	ON P5Q3R	10.760	-0.048	-0.048
K6D2P_R -0.042	ON P5Q3U	10.220	-0.042	-0.042
K6D2P_R -0.043	ON P5Q3CG	10.744	-0.043	-0.043
K6D2P_R -0.050	ON P5Q3CH	12.334	-0.050	-0.050
K6D2P_R -0.040	ON P5Q3CQ	10.029	-0.040	-0.040
K6D2R_R 0.154	ON K6D2AG_R	104.410	0.154	0.154
K6D2R_R 0.186	ON K6D2AI_R	105.539	0.186	0.186
K6D2R_R 0.184	ON K6D2D_R	116.161	0.184	0.184
K6D2R_R 0.168	ON K6D2J_R	100.609	0.168	0.168
K6D2R_R 0.189	ON K6D2T_R	127.979	0.189	0.189
K6D2R_R 0.134	ON K6D2AC_R	87.744	0.134	0.134
K6D2R_R 0.205	ON K6D2AK_R	136.689	0.205	0.205
K6D2R_R 0.194	ON K6D2C_R	140.966	0.194	0.194
K6D2R_R 0.129	ON K6D2N_R	80.550	0.129	0.129
K6D2R_R 0.167	ON K6D2X_R	94.334	0.167	0.167

K6D2R_R	ON	K6D2A_R	16.010	0.094	0.094
0.094					
K6D2R_R	ON	K6D2P_R	17.784	0.093	0.093
0.093					
K6D2R_R	ON	K6D2Z_R	51.815	0.154	0.154
0.154					
K6D2R_R	ON	K6D61C	45.604	-0.350	-0.350
-0.350					
K6D2R_R	ON	K6D61D	38.619	-0.215	-0.215
-0.215					
K6D2R_R	ON	K6D61E	53.043	-0.330	-0.330
-0.330					
K6D2R_R	ON	K6D61K	51.560	-0.370	-0.370
-0.370					
K6D2R_R	ON	K6D61L	23.382	-0.200	-0.200
-0.200					
K6D2R_R	ON	K6D61M	10.935	-0.114	-0.114
-0.114					
K6D2R_R	ON	K6D40_R	24.879	-0.276	-0.276
-0.276					
K6D2R_R	ON	K6D48_R	27.821	-0.221	-0.221
-0.221					
K6D2R_R	ON	K6F63_R	36.704	-0.234	-0.234
-0.234					
K6D2R_R	ON	K6F68_R	12.074	-0.304	-0.304
-0.304					
K6D2R_R	ON	K6D2B_R	23.302	-0.069	-0.069
-0.069					
K6D2R_R	ON	K6D2F_R	17.206	-0.062	-0.062
-0.062					
K6D2R_R	ON	K6D2G_R	14.824	-0.086	-0.086
-0.086					
K6D2R_R	ON	K6D2I_R	12.708	-0.063	-0.063
-0.063					
K6D2R_R	ON	K6D2K_R	20.609	-0.074	-0.074
-0.074					
K6D2R_R	ON	K6D2L_R	20.336	-0.073	-0.073
-0.073					
K6D2R_R	ON	K6D2M_R	17.057	-0.067	-0.067
-0.067					
K6D2R_R	ON	K6D20_R	11.054	-0.056	-0.056
-0.056					
K6D2R_R	ON	K6D2S_R	21.276	-0.057	-0.057
-0.057					
K6D2R_R	ON	K6D2V_R	22.500	-0.079	-0.079
-0.079					
K6D2R_R	ON	K6D2W_R	15.745	-0.061	-0.061
-0.061					
K6D2R_R	ON	K6D2Y_R	14.291	-0.062	-0.062
-0.062					

K6D2R_R -0.059	ON K6D2AA_R	16.056	-0.059	-0.059
K6D2R_R -0.062	ON K6D2AF_R	12.920	-0.062	-0.062
K6D2R_R -0.065	ON K6D2AH_R	11.670	-0.065	-0.065
K6D2R_R -0.043	ON P5Q3AA	11.643	-0.043	-0.043
K6D2R_R -0.055	ON P5Q3AL	12.353	-0.055	-0.055
K6D2R_R -0.052	ON P5Q3BZ	13.755	-0.052	-0.052
K6D2R_R -0.052	ON P5Q3CJ	14.479	-0.052	-0.052
K6D2R_R -0.053	ON P5Q3C	12.673	-0.053	-0.053
K6D2R_R -0.046	ON P5Q30	12.189	-0.046	-0.046
K6D2R_R -0.052	ON P5Q3R	13.011	-0.052	-0.052
K6D2R_R -0.042	ON P5Q3S	10.994	-0.042	-0.042
K6D2R_R -0.044	ON P5Q3T	12.280	-0.044	-0.044
K6D2R_R -0.049	ON P5Q3U	14.201	-0.049	-0.049
K6D2R_R -0.053	ON P5Q3V	16.112	-0.053	-0.053
K6D2R_R -0.049	ON P5Q3AJ	13.580	-0.049	-0.049
K6D2R_R -0.046	ON P5Q3BC	13.306	-0.046	-0.046
K6D2R_R -0.047	ON P5Q3BN	11.821	-0.047	-0.047
K6D2R_R -0.044	ON P5Q3CF	11.349	-0.044	-0.044
K6D2R_R -0.045	ON P5Q3CG	12.211	-0.045	-0.045
K6D2R_R -0.055	ON P5Q3CH	15.432	-0.055	-0.055
K6D2R_R -0.056	ON P5Q3CI	13.786	-0.056	-0.056
K6D2R_R -0.048	ON P5Q3CN	11.240	-0.048	-0.048
K6D2R_R -0.047	ON P5Q3C0	14.072	-0.047	-0.047
K6D2R_R -0.047	ON P5Q3CQ	14.483	-0.047	-0.047
K6D2R_R -0.050	ON P5Q3CW	12.181	-0.050	-0.050

K6D2Z_R	ON	K6B1A_R	24.185	0.088	0.088
0.088					
K6D2Z_R	ON	K6B1B_R	25.291	0.082	0.082
0.082					
K6D2Z_R	ON	K6B1C_R	20.648	0.075	0.075
0.075					
K6D2Z_R	ON	K6B1D_R	18.206	0.084	0.084
0.084					
K6D2Z_R	ON	K6D2AK_R	18.498	0.077	0.077
0.077					
K6D2Z_R	ON	K6D2C_R	13.096	0.061	0.061
0.061					
K6D2Z_R	ON	K6D2A_R	30.130	0.124	0.124
0.124					
K6D2Z_R	ON	K6D2P_R	38.348	0.132	0.132
0.132					
K6D2Z_R	ON	K6D2R_R	51.815	0.154	0.154
0.154					
K6D2Z_R	ON	K6D2AB_R	24.301	0.111	0.111
0.111					
K6D2Z_R	ON	K6D61C	39.620	-0.343	-0.343
-0.343					
K6D2Z_R	ON	K6D61D	16.068	-0.140	-0.140
-0.140					
K6D2Z_R	ON	K6D61E	11.266	-0.152	-0.152
-0.152					
K6D2Z_R	ON	K6D61K	43.869	-0.366	-0.366
-0.366					
K6D2Z_R	ON	K6D61L	14.091	-0.156	-0.156
-0.156					
K6D2Z_R	ON	K6D61M	10.896	-0.118	-0.118
-0.118					
K6D2Z_R	ON	K6D40_R	22.154	-0.291	-0.291
-0.291					
K6D2Z_R	ON	K6D48_R	28.521	-0.226	-0.226
-0.226					
K6D2Z_R	ON	K6F63_R	26.903	-0.204	-0.204
-0.204					
K6D2Z_R	ON	K6D2B_R	20.112	0.065	0.065
0.065					
K6D2Z_R	ON	K6D2F_R	23.287	0.074	0.074
0.074					
K6D2Z_R	ON	K6D2G_R	21.519	0.104	0.104
0.104					
K6D2Z_R	ON	K6D2I_R	13.471	0.065	0.065
0.065					
K6D2Z_R	ON	K6D2K_R	19.580	0.073	0.073
0.073					
K6D2Z_R	ON	K6D2L_R	28.649	0.089	0.089
0.089					

K6D2Z_R ON K6D2M_R 0.066	16.368	0.066	0.066
K6D2Z_R ON K6D2O_R 0.087	25.743	0.087	0.087
K6D2Z_R ON K6D2S_R 0.063	25.381	0.063	0.063
K6D2Z_R ON K6D2V_R 0.062	13.545	0.062	0.062
K6D2Z_R ON K6D2W_R 0.078	25.567	0.078	0.078
K6D2Z_R ON K6D2Y_R 0.087	27.373	0.087	0.087
K6D2Z_R ON K6D2AA_R 0.086	32.545	0.086	0.086
K6D2Z_R ON K6D2AE_R 0.123	47.094	0.123	0.123
K6D2Z_R ON K6D2AF_R 0.091	26.917	0.091	0.091
K6D2Z_R ON K6D2AH_R 0.082	18.146	0.082	0.082
K6D2AB_R ON K6D2J_R 0.055	10.198	0.055	0.055
K6D2AB_R ON K6D2T_R 0.060	12.471	0.060	0.060
K6D2AB_R ON K6D2AK_R 0.105	35.597	0.105	0.105
K6D2AB_R ON K6D2C_R 0.055	10.064	0.055	0.055
K6D2AB_R ON K6D2P_R 0.113	26.910	0.113	0.113
K6D2AB_R ON K6D2Z_R 0.111	24.301	0.111	0.111
K6D2AB_R ON K6D2AJ_R 0.111	23.917	0.111	0.111
K6D2AB_R ON K6D61C -0.336	48.350	-0.336	-0.336
K6D2AB_R ON K6D61D -0.113	11.628	-0.113	-0.113
K6D2AB_R ON K6D61E -0.142	11.254	-0.142	-0.142
K6D2AB_R ON K6D61K -0.323	45.748	-0.323	-0.323
K6D2AB_R ON K6D40_R -0.215	16.016	-0.215	-0.215
K6D2AB_R ON K6D48_R -0.136	11.666	-0.136	-0.136
K6D2AB_R ON K6F63_R -0.154	17.488	-0.154	-0.154
K6D2AB_R ON K6D2AE_R 0.081	20.207	0.081	0.081

K6D2AJ_R ON K6B1C_R -0.066	15.580	-0.066	-0.066
K6D2AJ_R ON K6B1D_R -0.067	10.920	-0.067	-0.067
K6D2AJ_R ON K6D2AG_R 0.086	29.562	0.086	0.086
K6D2AJ_R ON K6D2AI_R 0.118	39.016	0.118	0.118
K6D2AJ_R ON K6D2D_R 0.099	30.718	0.099	0.099
K6D2AJ_R ON K6D2J_R 0.105	33.577	0.105	0.105
K6D2AJ_R ON K6D2T_R 0.108	37.623	0.108	0.108
K6D2AJ_R ON K6D2AC_R 0.079	27.973	0.079	0.079
K6D2AJ_R ON K6D2AK_R 0.218	170.729	0.218	0.218
K6D2AJ_R ON K6D2C_R 0.106	35.274	0.106	0.106
K6D2AJ_R ON K6D2N_R 0.077	25.934	0.077	0.077
K6D2AJ_R ON K6D2X_R 0.099	30.096	0.099	0.099
K6D2AJ_R ON K6D2P_R 0.099	21.249	0.099	0.099
K6D2AJ_R ON K6D2AB_R 0.111	23.918	0.111	0.111
K6D2AJ_R ON K6D61C -0.375	63.918	-0.375	-0.375
K6D2AJ_R ON K6D61D -0.125	14.674	-0.125	-0.125
K6D2AJ_R ON K6D61E -0.151	13.328	-0.151	-0.151
K6D2AJ_R ON K6D61K -0.374	64.055	-0.374	-0.374
K6D2AJ_R ON K6D40_R -0.242	21.675	-0.242	-0.242
K6D2AJ_R ON K6D48_R -0.196	23.464	-0.196	-0.196
K6D2AJ_R ON K6F63_R -0.201	28.251	-0.201	-0.201
K6D2AJ_R ON K6D2B_R -0.078	27.847	-0.078	-0.078
K6D2AJ_R ON K6D2F_R -0.081	26.939	-0.081	-0.081
K6D2AJ_R ON K6D2G_R -0.114	24.668	-0.114	-0.114
K6D2AJ_R ON K6D2I_R -0.144	65.466	-0.144	-0.144

K6D2AJ_R ON K6D2K_R -0.092	28.783	-0.092	-0.092
K6D2AJ_R ON K6D2L_R -0.091	30.198	-0.091	-0.091
K6D2AJ_R ON K6D2M_R -0.099	34.896	-0.099	-0.099
K6D2AJ_R ON K6D2O_R -0.073	17.054	-0.073	-0.073
K6D2AJ_R ON K6D2S_R -0.067	27.082	-0.067	-0.067
K6D2AJ_R ON K6D2V_R -0.112	42.932	-0.112	-0.112
K6D2AJ_R ON K6D2W_R -0.083	27.475	-0.083	-0.083
K6D2AJ_R ON K6D2Y_R -0.092	30.236	-0.092	-0.092
K6D2AJ_R ON K6D2AA_R -0.065	17.847	-0.065	-0.065
K6D2AJ_R ON K6D2AF_R -0.090	24.976	-0.090	-0.090
K6D2AJ_R ON K6D2AH_R -0.087	19.701	-0.087	-0.087
K6D2AJ_R ON P5Q3M 0.061	14.751	0.061	0.061
K6D2AJ_R ON P5Q3AB 0.065	10.714	0.065	0.065
K6D2AJ_R ON P5Q3AD 0.061	12.526	0.061	0.061
K6D2AJ_R ON P5Q3AF 0.062	17.698	0.062	0.062
K6D2AJ_R ON P5Q3AH 0.056	16.530	0.056	0.056
K6D2AJ_R ON P5Q3AR 0.066	15.258	0.066	0.066
K6D2AJ_R ON P5Q3AV 0.057	13.443	0.057	0.057
K6D2AJ_R ON P5Q3AX 0.059	15.851	0.059	0.059
K6D2AJ_R ON P5Q3BQ 0.055	11.100	0.055	0.055
K6D2AJ_R ON P5Q3CK 0.060	19.274	0.060	0.060
K6D2AJ_R ON P5Q3E 0.079	14.442	0.079	0.079
K6D2AJ_R ON P5Q3A0 0.071	16.693	0.071	0.071
K6D2AJ_R ON P5Q3BK 0.065	15.905	0.065	0.065
K6D2AJ_R ON P5Q3B0 0.074	21.528	0.074	0.074

K6D2AJ_R ON P5Q3CU 0.069	16.240	0.069	0.069
K6D2AJ_R ON P5Q3DA 0.068	20.088	0.068	0.068
K6D2AJ_R ON P5Q3AS 0.068	14.898	0.068	0.068
K6D2AJ_R ON P5Q3AU 0.076	13.823	0.076	0.076
K6D2AJ_R ON P5Q3AZ 0.061	16.623	0.061	0.061
K6D2AJ_R ON P5Q3BB1 0.062	13.067	0.062	0.062
K6D2AJ_R ON P5Q3BB2 0.074	14.428	0.074	0.074
K6D2AJ_R ON P5Q3BB6 0.061	13.387	0.061	0.061
K6D2AJ_R ON P5Q3BB7 0.068	14.485	0.068	0.068
K6D2AJ_R ON P5Q3X 0.052	10.766	0.052	0.052
K6D2AJ_R ON P5Q3AA 0.044	11.213	0.044	0.044
K6D2AJ_R ON P5Q3AL 0.052	10.172	0.052	0.052
K6D2AJ_R ON P5Q3AP 0.045	10.834	0.045	0.045
K6D2AJ_R ON P5Q3BZ 0.048	10.644	0.048	0.048
K6D2AJ_R ON P5Q3V 0.045	10.477	0.045	0.045
K6D61C ON K6D2AG_R -0.202	59.780	-0.202	-0.202
K6D61C ON K6D2AI_R -0.241	54.939	-0.241	-0.241
K6D61C ON K6D2D_R -0.219	55.608	-0.219	-0.219
K6D61C ON K6D2J_R -0.245	63.668	-0.245	-0.245
K6D61C ON K6D2T_R -0.238	66.542	-0.238	-0.238
K6D61C ON K6D2AC_R -0.180	56.177	-0.180	-0.180
K6D61C ON K6D2AK_R -0.208	43.294	-0.208	-0.208
K6D61C ON K6D2C_R -0.222	51.170	-0.222	-0.222
K6D61C ON K6D2N_R -0.196	63.710	-0.196	-0.196
K6D61C ON K6D2X_R -0.210	55.062	-0.210	-0.210

K6D61C -0.241	ON K6D2A_R	22.902	-0.241	-0.241
K6D61C -0.396	ON K6D2P_R	65.828	-0.396	-0.396
K6D61C -0.350	ON K6D2R_R	45.601	-0.350	-0.350
K6D61C -0.343	ON K6D2Z_R	39.616	-0.343	-0.343
K6D61C -0.336	ON K6D2AB_R	48.348	-0.336	-0.336
K6D61C -0.375	ON K6D2AJ_R	63.921	-0.375	-0.375
K6D61C 0.653	ON K6D61K	632.454	0.653	0.653
K6D61C 0.086	ON K6D2L_R	11.295	0.086	0.086
K6D61C 0.063	ON K6D2S_R	10.095	0.063	0.063
K6D61C 0.095	ON K6D2Y_R	12.964	0.095	0.095
K6D61C 0.085	ON K6D2AA_R	12.796	0.085	0.085
K6D61C 0.096	ON K6D2AF_R	11.471	0.096	0.096
K6D61C -0.081	ON P5Q3M	10.723	-0.081	-0.081
K6D61C -0.106	ON P5Q3AB	11.687	-0.106	-0.106
K6D61C -0.071	ON P5Q3AH	10.977	-0.071	-0.071
K6D61C -0.093	ON P5Q3AR	12.265	-0.093	-0.093
K6D61C -0.087	ON P5Q3AV	13.146	-0.087	-0.087
K6D61C -0.077	ON P5Q3AX	11.460	-0.077	-0.077
K6D61C -0.096	ON P5Q3BQ	13.489	-0.096	-0.096
K6D61C -0.076	ON P5Q3CK	13.049	-0.076	-0.076
K6D61C -0.120	ON P5Q3E	13.528	-0.120	-0.120
K6D61C -0.093	ON P5Q3A0	11.830	-0.093	-0.093
K6D61C -0.086	ON P5Q3BK	11.434	-0.086	-0.086
K6D61C -0.091	ON P5Q3AS	11.072	-0.091	-0.091
K6D61C -0.099	ON P5Q3AU	10.076	-0.099	-0.099

K6D61C -0.087	ON P5Q3AZ	13.743	-0.087	-0.087
K6D61C -0.086	ON P5Q3BB1	10.675	-0.086	-0.086
K6D61C -0.110	ON P5Q3BB2	12.893	-0.110	-0.110
K6D61C -0.105	ON P5Q3BB6	15.641	-0.105	-0.105
K6D61C -0.099	ON P5Q3BB7	12.442	-0.099	-0.099
K6D61D -0.180	ON K6D2AG_R	86.635	-0.180	-0.180
K6D61D -0.184	ON K6D2AI_R	61.181	-0.184	-0.184
K6D61D -0.186	ON K6D2D_R	71.632	-0.186	-0.186
K6D61D -0.159	ON K6D2J_R	51.046	-0.159	-0.159
K6D61D -0.195	ON K6D2T_R	82.390	-0.195	-0.195
K6D61D -0.147	ON K6D2AC_R	68.854	-0.147	-0.147
K6D61D -0.130	ON K6D2AK_R	32.455	-0.130	-0.130
K6D61D -0.169	ON K6D2C_R	58.574	-0.169	-0.169
K6D61D -0.168	ON K6D2N_R	85.843	-0.168	-0.168
K6D61D -0.190	ON K6D2X_R	79.479	-0.190	-0.190
K6D61D -0.114	ON K6D2A_R	10.848	-0.114	-0.114
K6D61D -0.183	ON K6D2P_R	30.783	-0.183	-0.183
K6D61D -0.215	ON K6D2R_R	38.617	-0.215	-0.215
K6D61D -0.140	ON K6D2Z_R	16.067	-0.140	-0.140
K6D61D -0.113	ON K6D2AB_R	11.627	-0.113	-0.113
K6D61D -0.125	ON K6D2AJ_R	14.674	-0.125	-0.125
K6D61D 0.484	ON K6D61E	330.773	0.484	0.484
K6D61D 0.415	ON K6D61L	221.413	0.415	0.415
K6D61D 0.119	ON K6D2B_R	47.940	0.119	0.119
K6D61D 0.113	ON K6D2F_R	38.517	0.113	0.113

K6D61D 0.140	ON K6D2G_R	27.453	0.140	0.140
K6D61D 0.121	ON K6D2I_R	30.026	0.121	0.121
K6D61D 0.159	ON K6D2K_R	62.260	0.159	0.159
K6D61D 0.126	ON K6D2L_R	42.982	0.126	0.126
K6D61D 0.150	ON K6D2M_R	57.432	0.150	0.150
K6D61D 0.136	ON K6D2O_R	42.960	0.136	0.136
K6D61D 0.091	ON K6D2S_R	37.694	0.091	0.091
K6D61D 0.136	ON K6D2V_R	44.116	0.136	0.136
K6D61D 0.128	ON K6D2W_R	47.412	0.128	0.128
K6D61D 0.119	ON K6D2Y_R	37.248	0.119	0.119
K6D61D 0.120	ON K6D2AA_R	46.234	0.120	0.120
K6D61D 0.167	ON K6D2AE_R	53.538	0.167	0.167
K6D61D 0.129	ON K6D2AF_R	38.128	0.129	0.129
K6D61D 0.124	ON K6D2AH_R	27.996	0.124	0.124
K6D61D 0.059	ON P5Q3X	10.771	0.059	0.059
K6D61D 0.054	ON P5Q3AA	13.478	0.054	0.054
K6D61D 0.062	ON P5Q3AL	11.855	0.062	0.062
K6D61D 0.053	ON P5Q3AP	11.655	0.053	0.053
K6D61D 0.047	ON P5Q3S	10.159	0.047	0.047
K6D61D 0.056	ON P5Q3V	13.118	0.056	0.056
K6D61D 0.061	ON P5Q3AJ	15.634	0.061	0.061
K6D61E -0.203	ON K6D2AG_R	68.218	-0.203	-0.203
K6D61E -0.190	ON K6D2AI_R	40.609	-0.190	-0.190
K6D61E -0.202	ON K6D2D_R	53.175	-0.202	-0.202
K6D61E -0.165	ON K6D2J_R	34.335	-0.165	-0.165

K6D61E -0.215	ON K6D2T_R	61.483	-0.215	-0.215
K6D61E -0.165	ON K6D2AC_R	54.056	-0.165	-0.165
K6D61E -0.154	ON K6D2AK_R	28.092	-0.154	-0.154
K6D61E -0.209	ON K6D2C_R	54.371	-0.209	-0.209
K6D61E -0.192	ON K6D2N_R	68.222	-0.192	-0.192
K6D61E -0.216	ON K6D2X_R	62.482	-0.216	-0.216
K6D61E -0.169	ON K6D2P_R	15.478	-0.169	-0.169
K6D61E -0.330	ON K6D2R_R	53.044	-0.330	-0.330
K6D61E -0.152	ON K6D2Z_R	11.266	-0.152	-0.152
K6D61E -0.142	ON K6D2AB_R	11.255	-0.142	-0.142
K6D61E -0.151	ON K6D2AJ_R	13.331	-0.151	-0.151
K6D61E 0.484	ON K6D61D	330.766	0.484	0.484
K6D61E 0.286	ON K6D61L	51.299	0.286	0.286
K6D61E 0.122	ON K6D2B_R	30.788	0.122	0.122
K6D61E 0.098	ON K6D2F_R	18.353	0.098	0.098
K6D61E 0.161	ON K6D2G_R	22.418	0.161	0.161
K6D61E 0.136	ON K6D2I_R	22.294	0.136	0.136
K6D61E 0.168	ON K6D2K_R	41.067	0.168	0.168
K6D61E 0.128	ON K6D2L_R	27.867	0.128	0.128
K6D61E 0.140	ON K6D2M_R	30.066	0.140	0.140
K6D61E 0.144	ON K6D2O_R	28.840	0.144	0.144
K6D61E 0.093	ON K6D2S_R	24.293	0.093	0.093
K6D61E 0.131	ON K6D2V_R	24.787	0.131	0.131
K6D61E 0.124	ON K6D2W_R	27.081	0.124	0.124
K6D61E 0.121	ON K6D2Y_R	23.668	0.121	0.121

K6D61E 0.119	ON K6D2AA_R	28.021	0.119	0.119
K6D61E 0.164	ON K6D2AE_R	31.526	0.164	0.164
K6D61E 0.135	ON K6D2AF_R	25.756	0.135	0.135
K6D61E 0.147	ON K6D2AH_R	23.336	0.147	0.147
K6D61E 0.076	ON P5Q3M	11.366	0.076	0.076
K6D61E 0.068	ON P5Q3AF	10.731	0.068	0.068
K6D61E 0.068	ON P5Q3AH	11.826	0.068	0.068
K6D61E 0.086	ON P5Q3AR	12.949	0.086	0.086
K6D61E 0.070	ON P5Q3AV	10.364	0.070	0.070
K6D61E 0.070	ON P5Q3AX	11.025	0.070	0.070
K6D61E 0.069	ON P5Q3CK	12.954	0.069	0.069
K6D61E 0.081	ON P5Q3B0	12.695	0.081	0.081
K6D61E 0.071	ON P5Q3DA	10.784	0.071	0.071
K6D61E 0.071	ON P5Q3AZ	10.977	0.071	0.071
K6D61E 0.101	ON P5Q3BB5	10.235	0.101	0.101
K6D61E 0.076	ON P5Q3BB6	10.184	0.076	0.076
K6D61E 0.086	ON P5Q3BB7	11.484	0.086	0.086
K6D61E 0.117	ON P5Q3X	26.465	0.117	0.117
K6D61E 0.103	ON P5Q3AA	31.165	0.103	0.103
K6D61E 0.121	ON P5Q3AL	27.883	0.121	0.121
K6D61E 0.102	ON P5Q3AP	26.836	0.102	0.102
K6D61E 0.142	ON P5Q3BI	23.249	0.142	0.142
K6D61E 0.107	ON P5Q3BZ	26.492	0.107	0.107
K6D61E 0.099	ON P5Q3CJ	23.842	0.099	0.099
K6D61E 0.083	ON P5Q3C	14.425	0.083	0.083

K6D61E 0.098	ON P5Q30	25.867	0.098	0.098
K6D61E 0.103	ON P5Q3R	23.228	0.103	0.103
K6D61E 0.097	ON P5Q3S	26.836	0.097	0.097
K6D61E 0.093	ON P5Q3T	25.667	0.093	0.093
K6D61E 0.085	ON P5Q3U	19.906	0.085	0.085
K6D61E 0.106	ON P5Q3V	28.987	0.106	0.106
K6D61E 0.110	ON P5Q3AJ	30.972	0.110	0.110
K6D61E 0.096	ON P5Q3BC	26.730	0.096	0.096
K6D61E 0.092	ON P5Q3BN	20.897	0.092	0.092
K6D61E 0.090	ON P5Q3CF	22.099	0.090	0.090
K6D61E 0.090	ON P5Q3CG	22.479	0.090	0.090
K6D61E 0.093	ON P5Q3CH	19.874	0.093	0.093
K6D61E 0.107	ON P5Q3CI	23.044	0.107	0.107
K6D61E 0.107	ON P5Q3CN	25.108	0.107	0.107
K6D61E 0.090	ON P5Q3C0	23.719	0.090	0.090
K6D61E 0.092	ON P5Q3CQ	26.240	0.092	0.092
K6D61E 0.099	ON P5Q3CW	21.095	0.099	0.099
K6D61K -0.224	ON K6D2AG_R	74.375	-0.224	-0.224
K6D61K -0.261	ON K6D2AI_R	66.516	-0.261	-0.261
K6D61K -0.244	ON K6D2D_R	69.470	-0.244	-0.244
K6D61K -0.253	ON K6D2J_R	69.383	-0.253	-0.253
K6D61K -0.259	ON K6D2T_R	82.065	-0.259	-0.259
K6D61K -0.203	ON K6D2AC_R	73.015	-0.203	-0.203
K6D61K -0.223	ON K6D2AK_R	50.865	-0.223	-0.223
K6D61K -0.231	ON K6D2C_R	58.319	-0.231	-0.231

K6D61K -0.213	ON K6D2N_R	77.418	-0.213	-0.213
K6D61K -0.233	ON K6D2X_R	69.586	-0.233	-0.233
K6D61K -0.242	ON K6D2A_R	24.939	-0.242	-0.242
K6D61K -0.374	ON K6D2P_R	65.184	-0.374	-0.374
K6D61K -0.370	ON K6D2R_R	51.558	-0.370	-0.370
K6D61K -0.366	ON K6D2Z_R	43.866	-0.366	-0.366
K6D61K -0.323	ON K6D2AB_R	45.747	-0.323	-0.323
K6D61K -0.374	ON K6D2AJ_R	64.059	-0.374	-0.374
K6D61K 0.653	ON K6D61C	632.452	0.653	0.653
K6D61K 0.078	ON K6D2AA_R	11.320	0.078	0.078
K6D61K -0.099	ON P5Q3M	17.303	-0.099	-0.099
K6D61K -0.143	ON P5Q3AB	22.162	-0.143	-0.143
K6D61K -0.115	ON P5Q3AD	20.378	-0.115	-0.115
K6D61K -0.096	ON P5Q3AF	19.123	-0.096	-0.096
K6D61K -0.092	ON P5Q3AH	20.173	-0.092	-0.092
K6D61K -0.113	ON P5Q3AR	19.910	-0.113	-0.113
K6D61K -0.112	ON P5Q3AV	24.147	-0.112	-0.112
K6D61K -0.100	ON P5Q3AX	20.883	-0.100	-0.100
K6D61K -0.110	ON P5Q3BQ	19.129	-0.110	-0.110
K6D61K -0.096	ON P5Q3CK	22.214	-0.096	-0.096
K6D61K -0.115	ON P5Q3DB	18.914	-0.115	-0.115
K6D61K -0.149	ON P5Q3E	22.436	-0.149	-0.149
K6D61K -0.126	ON P5Q3A0	22.621	-0.126	-0.126
K6D61K -0.108	ON P5Q3BK	20.100	-0.108	-0.108
K6D61K -0.088	ON P5Q3B0	13.716	-0.088	-0.088

K6D61K	ON P5Q3CU	19.544	-0.112	-0.112
-0.112				
K6D61K	ON P5Q3DA	17.493	-0.095	-0.095
-0.095				
K6D61K	ON P5Q3AS	18.843	-0.114	-0.114
-0.114				
K6D61K	ON P5Q3AU	18.133	-0.130	-0.130
-0.130				
K6D61K	ON P5Q3AZ	23.731	-0.110	-0.110
-0.110				
K6D61K	ON P5Q3BB1	20.194	-0.113	-0.113
-0.113				
K6D61K	ON P5Q3BB2	21.748	-0.137	-0.137
-0.137				
K6D61K	ON P5Q3BB5	14.590	-0.125	-0.125
-0.125				
K6D61K	ON P5Q3BB6	24.260	-0.124	-0.124
-0.124				
K6D61K	ON P5Q3BB7	21.442	-0.125	-0.125
-0.125				
K6D61K	ON P5Q3BZ	10.589	-0.072	-0.072
-0.072				
K6D61K	ON P5Q3CJ	10.532	-0.069	-0.069
-0.069				
K6D61K	ON P5Q3C	12.335	-0.081	-0.081
-0.081				
K6D61K	ON P5Q30	10.908	-0.068	-0.068
-0.068				
K6D61K	ON P5Q3R	13.325	-0.084	-0.084
-0.084				
K6D61K	ON P5Q3S	10.651	-0.065	-0.065
-0.065				
K6D61K	ON P5Q3T	10.140	-0.062	-0.062
-0.062				
K6D61K	ON P5Q3AJ	10.917	-0.070	-0.070
-0.070				
K6D61K	ON P5Q3BC	11.232	-0.066	-0.066
-0.066				
K6D61K	ON P5Q3BN	10.485	-0.069	-0.069
-0.069				
K6D61K	ON P5Q3CF	10.708	-0.066	-0.066
-0.066				
K6D61K	ON P5Q3CG	14.682	-0.077	-0.077
-0.077				
K6D61K	ON P5Q3CH	10.988	-0.072	-0.072
-0.072				
K6D61K	ON P5Q3CI	11.101	-0.079	-0.079
-0.079				
K6D61K	ON P5Q3CN	10.679	-0.074	-0.074
-0.074				

K6D61K -0.060	ON P5Q3CQ	10.108	-0.060	-0.060
K6D61K -0.079	ON P5Q3CW	12.128	-0.079	-0.079
K6D61L 0.100	ON K6B1A_R	15.444	0.100	0.100
K6D61L 0.091	ON K6B1B_R	15.007	0.091	0.091
K6D61L 0.085	ON K6B1C_R	13.893	0.085	0.085
K6D61L -0.198	ON K6D2AG_R	76.230	-0.198	-0.198
K6D61L -0.214	ON K6D2AI_R	59.643	-0.214	-0.214
K6D61L -0.206	ON K6D2D_R	63.628	-0.206	-0.206
K6D61L -0.184	ON K6D2J_R	47.855	-0.184	-0.184
K6D61L -0.242	ON K6D2T_R	90.606	-0.242	-0.242
K6D61L -0.163	ON K6D2AC_R	61.312	-0.163	-0.163
K6D61L -0.153	ON K6D2AK_R	31.599	-0.153	-0.153
K6D61L -0.172	ON K6D2C_R	44.258	-0.172	-0.172
K6D61L -0.187	ON K6D2N_R	77.911	-0.187	-0.187
K6D61L -0.221	ON K6D2X_R	75.911	-0.221	-0.221
K6D61L -0.136	ON K6D2P_R	12.008	-0.136	-0.136
K6D61L -0.200	ON K6D2R_R	23.377	-0.200	-0.200
K6D61L -0.156	ON K6D2Z_R	14.086	-0.156	-0.156
K6D61L 0.415	ON K6D61D	221.423	0.415	0.415
K6D61L 0.286	ON K6D61E	51.309	0.286	0.286
K6D61L 0.143	ON K6D2B_R	50.760	0.143	0.143
K6D61L 0.136	ON K6D2F_R	40.779	0.136	0.136
K6D61L 0.185	ON K6D2G_R	34.565	0.185	0.185
K6D61L 0.135	ON K6D2I_R	28.367	0.135	0.135
K6D61L 0.192	ON K6D2K_R	66.303	0.192	0.192

K6D61L 0.149	ON K6D2L_R	44.317	0.149	0.149
K6D61L 0.163	ON K6D2M_R	48.049	0.163	0.163
K6D61L 0.169	ON K6D2O_R	48.097	0.169	0.169
K6D61L 0.120	ON K6D2S_R	47.669	0.120	0.120
K6D61L 0.161	ON K6D2V_R	43.850	0.161	0.161
K6D61L 0.161	ON K6D2W_R	53.350	0.161	0.161
K6D61L 0.147	ON K6D2Y_R	41.037	0.147	0.147
K6D61L 0.138	ON K6D2AA_R	44.668	0.138	0.138
K6D61L 0.202	ON K6D2AE_R	55.370	0.202	0.202
K6D61L 0.170	ON K6D2AF_R	46.789	0.170	0.170
K6D61L 0.169	ON K6D2AH_R	37.142	0.169	0.169
K6D61M -0.076	ON K6B1A_R	13.283	-0.076	-0.076
K6D61M -0.099	ON K6B1B_R	27.102	-0.099	-0.099
K6D61M -0.099	ON K6B1C_R	27.044	-0.099	-0.099
K6D61M -0.106	ON K6B1D_R	22.094	-0.106	-0.106
K6D61M 0.078	ON K6D2AG_R	16.874	0.078	0.078
K6D61M 0.096	ON K6D2J_R	18.803	0.096	0.096
K6D61M 0.068	ON K6D2T_R	10.309	0.068	0.068
K6D61M 0.082	ON K6D2AC_R	21.927	0.082	0.082
K6D61M 0.115	ON K6D2AK_R	26.043	0.115	0.115
K6D61M 0.074	ON K6D2C_R	11.214	0.074	0.074
K6D61M 0.071	ON K6D2N_R	16.306	0.071	0.071
K6D61M 0.083	ON K6D2X_R	15.905	0.083	0.083
K6D61M -0.116	ON K6D2A_R	11.859	-0.116	-0.116
K6D61M -0.114	ON K6D2R_R	10.938	-0.114	-0.114

K6D61M -0.118	ON K6D2Z_R	10.899	-0.118	-0.118
K6D61M -0.122	ON K6D2B_R	53.928	-0.122	-0.122
K6D61M -0.122	ON K6D2F_R	46.928	-0.122	-0.122
K6D61M -0.149	ON K6D2G_R	32.227	-0.149	-0.149
K6D61M -0.185	ON K6D2I_R	77.910	-0.185	-0.185
K6D61M -0.145	ON K6D2K_R	54.775	-0.145	-0.145
K6D61M -0.130	ON K6D2L_R	48.713	-0.130	-0.130
K6D61M -0.154	ON K6D2M_R	63.775	-0.154	-0.154
K6D61M -0.130	ON K6D2O_R	40.487	-0.130	-0.130
K6D61M -0.112	ON K6D2S_R	59.731	-0.112	-0.112
K6D61M -0.152	ON K6D2V_R	59.632	-0.152	-0.152
K6D61M -0.134	ON K6D2W_R	56.428	-0.134	-0.134
K6D61M -0.147	ON K6D2Y_R	60.819	-0.147	-0.147
K6D61M -0.112	ON K6D2AA_R	41.508	-0.112	-0.112
K6D61M -0.139	ON K6D2AE_R	38.870	-0.139	-0.139
K6D61M -0.135	ON K6D2AF_R	44.024	-0.135	-0.135
K6D61M -0.149	ON K6D2AH_R	42.194	-0.149	-0.149
K6D61M -0.049	ON P5Q3S	10.166	-0.049	-0.049
K6D61M -0.047	ON P5Q3T	10.001	-0.047	-0.047
K6D40_R -0.106	ON K6B1B_R	12.074	-0.106	-0.106
K6D40_R -0.107	ON K6B1C_R	13.118	-0.107	-0.107
K6D40_R -0.262	ON K6D2A_R	22.092	-0.262	-0.262
K6D40_R -0.244	ON K6D2P_R	19.967	-0.244	-0.244
K6D40_R -0.276	ON K6D2R_R	24.873	-0.276	-0.276
K6D40_R -0.291	ON K6D2Z_R	22.146	-0.291	-0.291

K6D40_R	ON	K6D2AB_R	16.011	-0.215	-0.215
-0.215					
K6D40_R	ON	K6D2AJ_R	21.671	-0.242	-0.242
-0.242					
K6D40_R	ON	K6D48_R	45.296	0.321	0.321
0.321					
K6D40_R	ON	K6F63_R	66.778	0.358	0.358
0.358					
K6D40_R	ON	K6F68_R	13.746	0.276	0.276
0.276					
K6D40_R	ON	K6F74_R	13.510	0.261	0.261
0.261					
K6D40_R	ON	K6D2B_R	10.603	-0.085	-0.085
-0.085					
K6D40_R	ON	K6D2F_R	10.237	-0.089	-0.089
-0.089					
K6D40_R	ON	K6D2I_R	20.266	-0.144	-0.144
-0.144					
K6D40_R	ON	K6D2K_R	12.134	-0.108	-0.108
-0.108					
K6D40_R	ON	K6D2L_R	12.278	-0.100	-0.100
-0.100					
K6D40_R	ON	K6D2M_R	18.172	-0.124	-0.124
-0.124					
K6D40_R	ON	K6D2S_R	12.073	-0.078	-0.078
-0.078					
K6D40_R	ON	K6D2AH_R	11.616	-0.121	-0.121
-0.121					
K6D40_R	ON	P5Q3M	43.963	0.180	0.180
0.180					
K6D40_R	ON	P5Q3AB	27.594	0.179	0.179
0.179					
K6D40_R	ON	P5Q3AD	44.986	0.195	0.195
0.195					
K6D40_R	ON	P5Q3AF	54.325	0.180	0.180
0.180					
K6D40_R	ON	P5Q3AH	51.331	0.167	0.167
0.167					
K6D40_R	ON	P5Q3AR	44.254	0.190	0.190
0.190					
K6D40_R	ON	P5Q3AV	43.635	0.174	0.174
0.174					
K6D40_R	ON	P5Q3AX	48.178	0.173	0.173
0.173					
K6D40_R	ON	P5Q3BQ	41.147	0.178	0.178
0.178					
K6D40_R	ON	P5Q3CK	52.424	0.166	0.166
0.166					
K6D40_R	ON	P5Q3DB	44.828	0.203	0.203
0.203					

K6D40_R	ON	P5Q3E	45.032	0.238	0.238
0.238					
K6D40_R	ON	P5Q3A0	43.675	0.196	0.196
0.196					
K6D40_R	ON	P5Q3BK	44.716	0.186	0.186
0.186					
K6D40_R	ON	P5Q3B0	51.097	0.193	0.193
0.193					
K6D40_R	ON	P5Q3CU	46.828	0.196	0.196
0.196					
K6D40_R	ON	P5Q3DA	48.269	0.179	0.179
0.179					
K6D40_R	ON	P5Q3AS	48.593	0.209	0.209
0.209					
K6D40_R	ON	P5Q3AU	47.049	0.237	0.237
0.237					
K6D40_R	ON	P5Q3AZ	48.990	0.178	0.178
0.178					
K6D40_R	ON	P5Q3BB1	45.479	0.194	0.194
0.194					
K6D40_R	ON	P5Q3BB2	41.084	0.212	0.212
0.212					
K6D40_R	ON	P5Q3BB5	42.922	0.249	0.249
0.249					
K6D40_R	ON	P5Q3BB6	46.447	0.193	0.193
0.193					
K6D40_R	ON	P5Q3BB7	48.276	0.211	0.211
0.211					
K6D40_R	ON	P5Q3X	47.245	0.190	0.190
0.190					
K6D40_R	ON	P5Q3AA	51.650	0.162	0.162
0.162					
K6D40_R	ON	P5Q3AL	52.157	0.198	0.198
0.198					
K6D40_R	ON	P5Q3AP	53.263	0.172	0.172
0.172					
K6D40_R	ON	P5Q3BI	41.637	0.231	0.231
0.231					
K6D40_R	ON	P5Q3BZ	53.965	0.182	0.182
0.182					
K6D40_R	ON	P5Q3CJ	58.019	0.181	0.181
0.181					
K6D40_R	ON	P5Q3C	53.087	0.189	0.189
0.189					
K6D40_R	ON	P5Q30	49.236	0.163	0.163
0.163					
K6D40_R	ON	P5Q3R	44.134	0.174	0.174
0.174					
K6D40_R	ON	P5Q3S	51.441	0.161	0.161
0.161					

K6D40_R	ON	P5Q3T	49.662	0.157	0.157
0.157					
K6D40_R	ON	P5Q3U	49.052	0.158	0.158
0.158					
K6D40_R	ON	P5Q3V	46.141	0.162	0.162
0.162					
K6D40_R	ON	P5Q3AJ	54.239	0.174	0.174
0.174					
K6D40_R	ON	P5Q3BC	54.846	0.164	0.164
0.164					
K6D40_R	ON	P5Q3BN	53.826	0.175	0.175
0.175					
K6D40_R	ON	P5Q3CF	48.647	0.161	0.161
0.161					
K6D40_R	ON	P5Q3CG	49.465	0.159	0.159
0.159					
K6D40_R	ON	P5Q3CH	52.775	0.179	0.179
0.179					
K6D40_R	ON	P5Q3CI	47.168	0.184	0.184
0.184					
K6D40_R	ON	P5Q3CN	47.808	0.177	0.177
0.177					
K6D40_R	ON	P5Q3C0	54.539	0.163	0.163
0.163					
K6D40_R	ON	P5Q3CQ	55.280	0.159	0.159
0.159					
K6D40_R	ON	P5Q3CW	45.469	0.175	0.175
0.175					
K6D48_R	ON	K6D2A_R	17.821	-0.174	-0.174
-0.174					
K6D48_R	ON	K6D2P_R	17.339	-0.166	-0.166
-0.166					
K6D48_R	ON	K6D2R_R	27.813	-0.221	-0.221
-0.221					
K6D48_R	ON	K6D2Z_R	28.512	-0.226	-0.226
-0.226					
K6D48_R	ON	K6D2AB_R	11.662	-0.136	-0.136
-0.136					
K6D48_R	ON	K6D2AJ_R	23.457	-0.195	-0.195
-0.195					
K6D48_R	ON	K6D40_R	45.301	0.321	0.321
0.321					
K6D48_R	ON	K6F63_R	190.526	0.437	0.437
0.437					
K6D48_R	ON	K6F68_R	18.990	0.312	0.312
0.312					
K6D48_R	ON	K6F74_R	25.346	0.324	0.324
0.324					
K6D48_R	ON	K6D2I_R	13.030	-0.089	-0.089
-0.089					

K6D48_R	ON	P5Q3M	19.904	-0.096	-0.096
-0.096					
K6D48_R	ON	P5Q3AB	18.572	-0.115	-0.115
-0.115					
K6D48_R	ON	P5Q3AD	16.726	-0.093	-0.093
-0.093					
K6D48_R	ON	P5Q3AF	14.314	-0.073	-0.073
-0.073					
K6D48_R	ON	P5Q3AH	20.007	-0.083	-0.083
-0.083					
K6D48_R	ON	P5Q3AR	18.607	-0.097	-0.097
-0.097					
K6D48_R	ON	P5Q3AV	17.307	-0.085	-0.085
-0.085					
K6D48_R	ON	P5Q3AX	18.610	-0.085	-0.085
-0.085					
K6D48_R	ON	P5Q3BQ	16.634	-0.090	-0.090
-0.090					
K6D48_R	ON	P5Q3CK	20.270	-0.082	-0.082
-0.082					
K6D48_R	ON	P5Q3DB	14.132	-0.089	-0.089
-0.089					
K6D48_R	ON	P5Q3E	13.518	-0.101	-0.101
-0.101					
K6D48_R	ON	P5Q3A0	17.851	-0.098	-0.098
-0.098					
K6D48_R	ON	P5Q3BK	17.599	-0.092	-0.092
-0.092					
K6D48_R	ON	P5Q3B0	13.296	-0.078	-0.078
-0.078					
K6D48_R	ON	P5Q3CU	16.765	-0.093	-0.093
-0.093					
K6D48_R	ON	P5Q3DA	16.843	-0.083	-0.083
-0.083					
K6D48_R	ON	P5Q3AS	13.844	-0.087	-0.087
-0.087					
K6D48_R	ON	P5Q3AU	19.625	-0.122	-0.122
-0.122					
K6D48_R	ON	P5Q3AZ	15.955	-0.080	-0.080
-0.080					
K6D48_R	ON	P5Q3BB1	19.840	-0.101	-0.101
-0.101					
K6D48_R	ON	P5Q3BB2	16.450	-0.106	-0.106
-0.106					
K6D48_R	ON	P5Q3BB5	16.020	-0.119	-0.119
-0.119					
K6D48_R	ON	P5Q3BB6	20.137	-0.101	-0.101
-0.101					
K6D48_R	ON	P5Q3BB7	19.820	-0.107	-0.107
-0.107					

K6D48_R	ON	P5Q3X	18.801	-0.094	-0.094
-0.094					
K6D48_R	ON	P5Q3AA	21.337	-0.082	-0.082
-0.082					
K6D48_R	ON	P5Q3AL	22.533	-0.104	-0.104
-0.104					
K6D48_R	ON	P5Q3AP	25.283	-0.094	-0.094
-0.094					
K6D48_R	ON	P5Q3BI	18.010	-0.118	-0.118
-0.118					
K6D48_R	ON	P5Q3BZ	24.284	-0.097	-0.097
-0.097					
K6D48_R	ON	P5Q3CJ	17.899	-0.080	-0.080
-0.080					
K6D48_R	ON	P5Q3C	17.022	-0.085	-0.085
-0.085					
K6D48_R	ON	P5Q30	23.881	-0.090	-0.090
-0.090					
K6D48_R	ON	P5Q3R	22.887	-0.098	-0.098
-0.098					
K6D48_R	ON	P5Q3S	22.034	-0.084	-0.084
-0.084					
K6D48_R	ON	P5Q3T	23.779	-0.086	-0.086
-0.086					
K6D48_R	ON	P5Q3U	24.006	-0.088	-0.088
-0.088					
K6D48_R	ON	P5Q3V	25.401	-0.094	-0.094
-0.094					
K6D48_R	ON	P5Q3AJ	23.027	-0.091	-0.091
-0.091					
K6D48_R	ON	P5Q3BC	21.794	-0.082	-0.082
-0.082					
K6D48_R	ON	P5Q3BN	19.944	-0.085	-0.085
-0.085					
K6D48_R	ON	P5Q3CF	24.436	-0.090	-0.090
-0.090					
K6D48_R	ON	P5Q3CG	24.583	-0.089	-0.089
-0.089					
K6D48_R	ON	P5Q3CH	20.415	-0.088	-0.088
-0.088					
K6D48_R	ON	P5Q3CI	21.472	-0.098	-0.098
-0.098					
K6D48_R	ON	P5Q3CN	22.743	-0.097	-0.097
-0.097					
K6D48_R	ON	P5Q3C0	19.609	-0.077	-0.077
-0.077					
K6D48_R	ON	P5Q3CQ	25.052	-0.086	-0.086
-0.086					
K6D48_R	ON	P5Q3CW	21.809	-0.095	-0.095
-0.095					

K6F63_R -0.074	ON K6B1A_R	10.121	-0.074	-0.074
K6F63_R -0.068	ON K6B1B_R	10.467	-0.068	-0.068
K6F63_R -0.087	ON K6B1C_R	17.667	-0.087	-0.087
K6F63_R -0.083	ON K6D2AI_R	10.442	-0.083	-0.083
K6F63_R -0.078	ON K6D2D_R	10.529	-0.078	-0.078
K6F63_R -0.084	ON K6D2T_R	12.982	-0.084	-0.084
K6F63_R -0.188	ON K6D2A_R	23.774	-0.188	-0.188
K6F63_R -0.206	ON K6D2P_R	31.198	-0.206	-0.206
K6F63_R -0.234	ON K6D2R_R	36.701	-0.234	-0.234
K6F63_R -0.204	ON K6D2Z_R	26.901	-0.204	-0.204
K6F63_R -0.154	ON K6D2AB_R	17.487	-0.154	-0.154
K6F63_R -0.201	ON K6D2AJ_R	28.251	-0.201	-0.201
K6F63_R 0.358	ON K6D40_R	66.773	0.358	0.358
K6F63_R 0.437	ON K6D48_R	190.515	0.437	0.437
K6F68_R -0.304	ON K6D2R_R	12.073	-0.304	-0.304
K6F68_R 0.276	ON K6D40_R	13.739	0.276	0.276
K6F68_R 0.312	ON K6D48_R	18.977	0.312	0.312
K6F68_R 0.447	ON K6F74_R	49.701	0.447	0.447
K6F68_R -0.188	ON K6D2I_R	12.775	-0.188	-0.188
K6F74_R -0.296	ON K6D2P_R	14.470	-0.296	-0.296
K6F74_R 0.261	ON K6D40_R	13.517	0.261	0.261
K6F74_R 0.324	ON K6D48_R	25.348	0.324	0.324
K6F74_R 0.447	ON K6F68_R	49.726	0.447	0.447
K6F74_R 0.101	ON P5Q3AH	10.064	0.101	0.101
K6F74_R 0.125	ON P5Q3B0	11.316	0.125	0.125

K6F74_R	ON	P5Q3DA	10.519	0.114	0.114
0.114					
K6D2B_R	ON	K6D2AG_R	48.105	-0.136	-0.136
-0.136					
K6D2B_R	ON	K6D2AI_R	28.580	-0.130	-0.130
-0.130					
K6D2B_R	ON	K6D2D_R	39.462	-0.143	-0.143
-0.143					
K6D2B_R	ON	K6D2J_R	35.204	-0.137	-0.137
-0.137					
K6D2B_R	ON	K6D2T_R	40.232	-0.142	-0.142
-0.142					
K6D2B_R	ON	K6D2AC_R	85.863	-0.157	-0.157
-0.157					
K6D2B_R	ON	K6D2AK_R	21.828	-0.117	-0.117
-0.117					
K6D2B_R	ON	K6D2C_R	31.584	-0.126	-0.126
-0.126					
K6D2B_R	ON	K6D2N_R	81.858	-0.154	-0.154
-0.154					
K6D2B_R	ON	K6D2X_R	137.680	-0.212	-0.212
-0.212					
K6D2B_R	ON	K6D2P_R	11.085	-0.058	-0.058
-0.058					
K6D2B_R	ON	K6D2R_R	11.453	-0.071	-0.071
-0.071					
K6D2B_R	ON	K6D2AJ_R	10.017	-0.054	-0.054
-0.054					
K6D2B_R	ON	K6D61C	13.411	-0.064	-0.064
-0.064					
K6D2B_R	ON	K6D61K	12.320	-0.062	-0.062
-0.062					
K6D2B_R	ON	K6D61M	15.377	-0.099	-0.099
-0.099					
K6D2B_R	ON	K6D40_R	15.428	-0.093	-0.093
-0.093					
K6D2B_R	ON	K6D48_R	16.931	-0.098	-0.098
-0.098					
K6D2B_R	ON	K6F63_R	10.578	-0.072	-0.072
-0.072					
K6D2B_R	ON	K6F68_R	17.195	-0.100	-0.100
-0.100					
K6D2B_R	ON	K6F74_R	16.928	-0.100	-0.100
-0.100					
K6D2B_R	ON	K6D2I_R	11.681	-0.117	-0.117
-0.117					
K6D2B_R	ON	K6D2K_R	14.758	-0.127	-0.127
-0.127					
K6D2B_R	ON	K6D2M_R	17.919	-0.142	-0.142
-0.142					

K6D2B_R	ON K6D2V_R	14.503	-0.134	-0.134
-0.134				
K6D2G_R	ON K6B1A_R	53.986	0.183	0.183
0.183				
K6D2G_R	ON K6B1B_R	20.727	0.113	0.113
0.113				
K6D2G_R	ON K6B1C_R	18.151	0.106	0.106
0.106				
K6D2G_R	ON K6B1D_R	21.563	0.136	0.136
0.136				
K6D2G_R	ON K6D2AG_R	14.426	0.094	0.094
0.094				
K6D2G_R	ON K6D2D_R	10.327	0.089	0.089
0.089				
K6D2G_R	ON K6D2J_R	11.681	0.096	0.096
0.096				
K6D2G_R	ON K6D2T_R	12.613	0.099	0.099
0.099				
K6D2G_R	ON K6D2AK_R	10.042	0.092	0.092
0.092				
K6D2G_R	ON K6D2AF_R	17.363	0.161	0.161
0.161				
K6D2G_R	ON P5Q3AJ	10.395	-0.051	-0.051
-0.051				
K6D2I_R	ON K6D2AG_R	11.363	0.064	0.064
0.064				
K6D2I_R	ON K6D2AI_R	13.919	0.084	0.084
0.084				
K6D2I_R	ON K6D2D_R	14.667	0.083	0.083
0.083				
K6D2I_R	ON K6D2J_R	21.076	0.097	0.097
0.097				
K6D2I_R	ON K6D2T_R	11.632	0.073	0.073
0.073				
K6D2I_R	ON K6D2C_R	22.487	0.101	0.101
0.101				
K6D2I_R	ON K6D2A_R	17.594	-0.077	-0.077
-0.077				
K6D2I_R	ON K6D2P_R	46.061	-0.099	-0.099
-0.099				
K6D2I_R	ON K6D2R_R	19.330	-0.077	-0.077
-0.077				
K6D2I_R	ON K6D2Z_R	18.679	-0.073	-0.073
-0.073				
K6D2I_R	ON K6D2AB_R	33.076	-0.096	-0.096
-0.096				
K6D2I_R	ON K6D2AJ_R	62.916	-0.110	-0.110
-0.110				
K6D2I_R	ON K6D61C	45.073	-0.100	-0.100
-0.100				

K6D2I_R	ON	K6D61D	26.521	-0.089	-0.089
-0.089					
K6D2I_R	ON	K6D61E	30.642	-0.108	-0.108
-0.108					
K6D2I_R	ON	K6D61K	49.405	-0.106	-0.106
-0.106					
K6D2I_R	ON	K6D61L	30.139	-0.110	-0.110
-0.110					
K6D2I_R	ON	K6D61M	63.902	-0.172	-0.172
-0.172					
K6D2I_R	ON	K6D40_R	51.852	-0.142	-0.142
-0.142					
K6D2I_R	ON	K6D48_R	46.292	-0.139	-0.139
-0.139					
K6D2I_R	ON	K6F63_R	41.406	-0.121	-0.121
-0.121					
K6D2I_R	ON	K6F68_R	50.554	-0.148	-0.148
-0.148					
K6D2I_R	ON	K6F74_R	49.070	-0.144	-0.144
-0.144					
K6D2I_R	ON	K6D2B_R	11.682	-0.117	-0.117
-0.117					
K6D2I_R	ON	K6D2K_R	57.138	0.184	0.184
0.184					
K6D2I_R	ON	K6D2M_R	62.110	0.193	0.193
0.193					
K6D2I_R	ON	K6D2S_R	11.449	-0.105	-0.105
-0.105					
K6D2I_R	ON	K6D2V_R	70.012	0.207	0.207
0.207					
K6D2I_R	ON	P5Q3C	10.881	-0.047	-0.047
-0.047					
K6D2I_R	ON	P5Q3CH	11.042	-0.045	-0.045
-0.045					
K6D2K_R	ON	K6B1A_R	14.105	-0.083	-0.083
-0.083					
K6D2K_R	ON	K6B1C_R	17.025	-0.087	-0.087
-0.087					
K6D2K_R	ON	K6B1D_R	22.444	-0.119	-0.119
-0.119					
K6D2K_R	ON	K6D2AG_R	15.290	0.074	0.074
0.074					
K6D2K_R	ON	K6D2AI_R	21.885	0.105	0.105
0.105					
K6D2K_R	ON	K6D2D_R	34.203	0.127	0.127
0.127					
K6D2K_R	ON	K6D2J_R	36.761	0.131	0.131
0.131					
K6D2K_R	ON	K6D2T_R	14.454	0.080	0.080
0.080					

K6D2K_R	ON	K6D2AC_R	21.458	0.083	0.083
0.083					
K6D2K_R	ON	K6D2AK_R	16.478	0.089	0.089
0.089					
K6D2K_R	ON	K6D2C_R	40.939	0.138	0.138
0.138					
K6D2K_R	ON	K6D2N_R	18.921	0.078	0.078
0.078					
K6D2K_R	ON	K6D2X_R	23.524	0.104	0.104
0.104					
K6D2K_R	ON	K6D61D	16.928	0.072	0.072
0.072					
K6D2K_R	ON	K6D61E	13.819	0.073	0.073
0.073					
K6D2K_R	ON	K6D61L	17.825	0.087	0.087
0.087					
K6D2K_R	ON	K6D2B_R	14.760	-0.127	-0.127
-0.127					
K6D2K_R	ON	K6D2I_R	57.137	0.184	0.184
0.184					
K6D2K_R	ON	K6D2M_R	348.906	0.363	0.363
0.363					
K6D2K_R	ON	K6D2S_R	29.200	-0.167	-0.167
-0.167					
K6D2K_R	ON	K6D2V_R	34.682	0.155	0.155
0.155					
K6D2K_R	ON	K6D2Y_R	10.286	-0.110	-0.110
-0.110					
K6D2K_R	ON	K6D2AA_R	13.591	-0.113	-0.113
-0.113					
K6D2L_R	ON	K6B1D_R	11.103	0.104	0.104
0.104					
K6D2L_R	ON	K6D2N_R	10.304	-0.071	-0.071
-0.071					
K6D2L_R	ON	K6D2X_R	17.279	-0.104	-0.104
-0.104					
K6D2L_R	ON	K6D2Y_R	12.495	0.122	0.122
0.122					
K6D2M_R	ON	K6B1A_R	10.095	-0.072	-0.072
-0.072					
K6D2M_R	ON	K6B1D_R	12.330	-0.089	-0.089
-0.089					
K6D2M_R	ON	K6D2AG_R	21.171	0.088	0.088
0.088					
K6D2M_R	ON	K6D2AI_R	33.359	0.132	0.132
0.132					
K6D2M_R	ON	K6D2D_R	25.773	0.111	0.111
0.111					
K6D2M_R	ON	K6D2J_R	26.938	0.114	0.114
0.114					

K6D2M_R	ON	K6D2T_R	18.081	0.091	0.091
0.091					
K6D2M_R	ON	K6D2AC_R	25.849	0.093	0.093
0.093					
K6D2M_R	ON	K6D2AK_R	18.504	0.098	0.098
0.098					
K6D2M_R	ON	K6D2C_R	36.739	0.133	0.133
0.133					
K6D2M_R	ON	K6D2N_R	18.559	0.078	0.078
0.078					
K6D2M_R	ON	K6D2X_R	24.427	0.106	0.106
0.106					
K6D2M_R	ON	K6D2B_R	17.921	-0.142	-0.142
-0.142					
K6D2M_R	ON	K6D2I_R	62.110	0.193	0.193
0.193					
K6D2M_R	ON	K6D2K_R	348.905	0.363	0.363
0.363					
K6D2M_R	ON	K6D2S_R	34.759	-0.183	-0.183
-0.183					
K6D2M_R	ON	K6D2V_R	30.727	0.144	0.144
0.144					
K6D2M_R	ON	K6D2AA_R	14.631	-0.118	-0.118
-0.118					
K6D20_R	ON	K6B1C_R	11.209	-0.072	-0.072
-0.072					
K6D20_R	ON	K6D2Z_R	10.612	0.059	0.059
0.059					
K6D20_R	ON	K6D2W_R	13.201	0.093	0.093
0.093					
K6D20_R	ON	K6D2AE_R	11.259	0.087	0.087
0.087					
K6D2S_R	ON	K6D2AG_R	66.726	-0.148	-0.148
-0.148					
K6D2S_R	ON	K6D2AI_R	44.602	-0.147	-0.147
-0.147					
K6D2S_R	ON	K6D2D_R	46.735	-0.148	-0.148
-0.148					
K6D2S_R	ON	K6D2J_R	55.669	-0.161	-0.161
-0.161					
K6D2S_R	ON	K6D2T_R	40.315	-0.137	-0.137
-0.137					
K6D2S_R	ON	K6D2AC_R	154.205	-0.182	-0.182
-0.182					
K6D2S_R	ON	K6D2AK_R	26.083	-0.120	-0.120
-0.120					
K6D2S_R	ON	K6D2C_R	56.523	-0.159	-0.159
-0.159					
K6D2S_R	ON	K6D2N_R	142.381	-0.180	-0.180
-0.180					

K6D2S_R -0.183	ON K6D2X_R	108.375	-0.183	-0.183
K6D2S_R -0.059	ON K6D2P_R	12.319	-0.059	-0.059
K6D2S_R -0.074	ON K6D2R_R	13.753	-0.074	-0.074
K6D2S_R -0.060	ON K6D2AJ_R	14.240	-0.060	-0.060
K6D2S_R -0.073	ON K6D61C	18.929	-0.073	-0.073
K6D2S_R -0.074	ON K6D61D	15.383	-0.074	-0.074
K6D2S_R -0.089	ON K6D61E	17.480	-0.089	-0.089
K6D2S_R -0.076	ON K6D61K	20.396	-0.076	-0.076
K6D2S_R -0.075	ON K6D61L	11.171	-0.075	-0.075
K6D2S_R -0.126	ON K6D61M	27.867	-0.126	-0.126
K6D2S_R -0.112	ON K6D40_R	25.026	-0.112	-0.112
K6D2S_R -0.110	ON K6D48_R	23.558	-0.110	-0.110
K6D2S_R -0.109	ON K6F63_R	27.320	-0.109	-0.109
K6D2S_R -0.119	ON K6F68_R	26.077	-0.119	-0.119
K6D2S_R -0.117	ON K6F74_R	25.629	-0.117	-0.117
K6D2S_R -0.105	ON K6D2I_R	11.448	-0.105	-0.105
K6D2S_R -0.167	ON K6D2K_R	29.198	-0.167	-0.167
K6D2S_R -0.183	ON K6D2M_R	34.757	-0.183	-0.183
K6D2S_R -0.153	ON K6D2V_R	24.571	-0.153	-0.153
K6D2V_R 0.079	ON K6D2D_R	11.664	0.079	0.079
K6D2V_R 0.093	ON K6D2J_R	15.637	0.093	0.093
K6D2V_R -0.066	ON K6D2P_R	17.251	-0.066	-0.066
K6D2V_R -0.058	ON K6D2AJ_R	14.067	-0.058	-0.058
K6D2V_R -0.091	ON K6D61M	15.119	-0.091	-0.091
K6D2V_R -0.134	ON K6D2B_R	14.507	-0.134	-0.134

K6D2V_R	ON	K6D2I_R	70.009	0.207	0.207
0.207					
K6D2V_R	ON	K6D2K_R	34.680	0.155	0.155
0.155					
K6D2V_R	ON	K6D2M_R	30.725	0.144	0.144
0.144					
K6D2V_R	ON	K6D2S_R	24.576	-0.153	-0.153
-0.153					
K6D2V_R	ON	K6D2W_R	12.188	0.096	0.096
0.096					
K6D2V_R	ON	P5Q3C	11.781	-0.053	-0.053
-0.053					
K6D2V_R	ON	P5Q3CH	11.966	-0.050	-0.050
-0.050					
K6D2W_R	ON	K6B1A_R	19.673	-0.102	-0.102
-0.102					
K6D2W_R	ON	K6B1B_R	10.018	-0.065	-0.065
-0.065					
K6D2W_R	ON	K6B1C_R	12.606	-0.075	-0.075
-0.075					
K6D2W_R	ON	K6B1D_R	11.832	-0.085	-0.085
-0.085					
K6D2W_R	ON	K6D20_R	13.200	0.093	0.093
0.093					
K6D2W_R	ON	K6D2V_R	12.191	0.096	0.096
0.096					
K6D2W_R	ON	K6D2AE_R	40.209	0.153	0.153
0.153					
K6D2Y_R	ON	K6D2K_R	10.285	-0.110	-0.110
-0.110					
K6D2Y_R	ON	K6D2L_R	12.496	0.122	0.122
0.122					
K6D2Y_R	ON	K6D2AF_R	39.523	0.191	0.191
0.191					
K6D2AA_R	ON	K6B1A_R	15.119	0.085	0.085
0.085					
K6D2AA_R	ON	K6D2Z_R	19.732	0.088	0.088
0.088					
K6D2AA_R	ON	K6D2AB_R	15.173	0.074	0.074
0.074					
K6D2AA_R	ON	K6D2AJ_R	11.443	0.055	0.055
0.055					
K6D2AA_R	ON	K6D61C	12.134	0.059	0.059
0.059					
K6D2AA_R	ON	K6D61D	12.214	0.067	0.067
0.067					
K6D2AA_R	ON	K6D61E	11.340	0.072	0.072
0.072					
K6D2AA_R	ON	K6D61K	12.002	0.060	0.060
0.060					

K6D2AA_R ON K6D61L 0.072	10.366	0.072	0.072
K6D2AA_R ON K6F68_R 0.079	11.142	0.079	0.079
K6D2AA_R ON K6F74_R 0.077	10.830	0.077	0.077
K6D2AA_R ON K6D2K_R -0.113	13.588	-0.113	-0.113
K6D2AA_R ON K6D2M_R -0.118	14.628	-0.118	-0.118
K6D2AE_R ON K6B1A_R -0.095	20.000	-0.095	-0.095
K6D2AE_R ON K6B1B_R -0.100	24.906	-0.100	-0.100
K6D2AE_R ON K6B1C_R -0.104	26.250	-0.104	-0.104
K6D2AE_R ON K6B1D_R -0.115	22.921	-0.115	-0.115
K6D2AE_R ON K5E1D -0.063	10.012	-0.063	-0.063
K6D2AE_R ON K6D2AG_R 0.140	59.136	0.140	0.140
K6D2AE_R ON K6D2AI_R 0.143	44.754	0.143	0.143
K6D2AE_R ON K6D2D_R 0.177	71.021	0.177	0.177
K6D2AE_R ON K6D2J_R 0.152	56.460	0.152	0.152
K6D2AE_R ON K6D2T_R 0.179	74.128	0.179	0.179
K6D2AE_R ON K6D2AC_R 0.139	63.797	0.139	0.139
K6D2AE_R ON K6D2AK_R 0.175	65.779	0.175	0.175
K6D2AE_R ON K6D2C_R 0.154	57.578	0.154	0.154
K6D2AE_R ON K6D2N_R 0.120	49.265	0.120	0.120
K6D2AE_R ON K6D2X_R 0.165	62.645	0.165	0.165
K6D2AE_R ON K6D2A_R 0.162	79.971	0.162	0.162
K6D2AE_R ON K6D2P_R 0.128	77.533	0.128	0.128
K6D2AE_R ON K6D2R_R 0.150	79.473	0.150	0.150
K6D2AE_R ON K6D2Z_R 0.167	105.148	0.167	0.167
K6D2AE_R ON K6D2AB_R 0.167	104.023	0.167	0.167

K6D2AE_R ON K6D2AJ_R 0.123	75.244	0.123	0.123
K6D2AE_R ON K6D61C 0.148	95.847	0.148	0.148
K6D2AE_R ON K6D61D 0.171	100.317	0.171	0.171
K6D2AE_R ON K6D61E 0.192	101.849	0.192	0.192
K6D2AE_R ON K6D61K 0.144	89.884	0.144	0.144
K6D2AE_R ON K6D61L 0.208	105.117	0.208	0.208
K6D2AE_R ON K6D61M 0.143	43.478	0.143	0.143
K6D2AE_R ON K6D40_R 0.191	88.746	0.191	0.191
K6D2AE_R ON K6D48_R 0.167	65.670	0.167	0.167
K6D2AE_R ON K6F63_R 0.159	70.081	0.159	0.159
K6D2AE_R ON K6F68_R 0.217	107.088	0.217	0.217
K6D2AE_R ON K6F74_R 0.212	103.607	0.212	0.212
K6D2AE_R ON K6D20_R 0.087	11.258	0.087	0.087
K6D2AE_R ON K6D2W_R 0.153	40.209	0.153	0.153
K6D2AE_R ON P5Q3M 0.059	14.742	0.059	0.059
K6D2AE_R ON P5Q3AB 0.079	16.548	0.079	0.079
K6D2AE_R ON P5Q3AD 0.067	16.583	0.067	0.067
K6D2AE_R ON P5Q3AF 0.056	16.002	0.056	0.056
K6D2AE_R ON P5Q3AH 0.050	14.475	0.050	0.050
K6D2AE_R ON P5Q3AR 0.068	17.893	0.068	0.068
K6D2AE_R ON P5Q3AV 0.057	14.783	0.057	0.057
K6D2AE_R ON P5Q3AX 0.059	17.714	0.059	0.059
K6D2AE_R ON P5Q3BQ 0.054	11.655	0.054	0.054
K6D2AE_R ON P5Q3CK 0.052	16.246	0.052	0.052
K6D2AE_R ON P5Q3E 0.076	14.582	0.076	0.076

K6D2AE_R ON P5Q3A0 0.055	11.180	0.055	0.055
K6D2AE_R ON P5Q3BK 0.058	13.725	0.058	0.058
K6D2AE_R ON P5Q3B0 0.051	11.262	0.051	0.051
K6D2AE_R ON P5Q3CU 0.066	16.693	0.066	0.066
K6D2AE_R ON P5Q3DA 0.058	16.143	0.058	0.058
K6D2AE_R ON P5Q3AS 0.060	12.585	0.060	0.060
K6D2AE_R ON P5Q3AU 0.077	15.407	0.077	0.077
K6D2AE_R ON P5Q3AZ 0.059	17.442	0.059	0.059
K6D2AE_R ON P5Q3BB1 0.067	16.906	0.067	0.067
K6D2AE_R ON P5Q3BB2 0.077	16.814	0.077	0.077
K6D2AE_R ON P5Q3BB5 0.086	16.373	0.086	0.086
K6D2AE_R ON P5Q3BB6 0.063	15.484	0.063	0.063
K6D2AE_R ON P5Q3BB7 0.071	17.250	0.071	0.071
K6D2AE_R ON P5Q3X 0.068	22.027	0.068	0.068
K6D2AE_R ON P5Q3AA 0.059	24.523	0.059	0.059
K6D2AE_R ON P5Q3AL 0.075	26.668	0.075	0.075
K6D2AE_R ON P5Q3AP 0.057	20.607	0.057	0.057
K6D2AE_R ON P5Q3BI 0.084	19.199	0.084	0.084
K6D2AE_R ON P5Q3BZ 0.070	28.725	0.070	0.070
K6D2AE_R ON P5Q3CJ 0.061	22.889	0.061	0.061
K6D2AE_R ON P5Q3C 0.054	15.020	0.054	0.054
K6D2AE_R ON P5Q30 0.057	21.434	0.057	0.057
K6D2AE_R ON P5Q3R 0.062	20.277	0.062	0.062
K6D2AE_R ON P5Q3S 0.059	24.312	0.059	0.059
K6D2AE_R ON P5Q3T 0.057	23.847	0.057	0.057

K6D2AE_R ON P5Q3U 0.056	21.027	0.056	0.056
K6D2AE_R ON P5Q3V 0.064	26.543	0.064	0.064
K6D2AE_R ON P5Q3AJ 0.065	26.666	0.065	0.065
K6D2AE_R ON P5Q3BC 0.059	24.914	0.059	0.059
K6D2AE_R ON P5Q3BN 0.059	21.379	0.059	0.059
K6D2AE_R ON P5Q3CF 0.058	22.525	0.058	0.058
K6D2AE_R ON P5Q3CG 0.058	22.913	0.058	0.058
K6D2AE_R ON P5Q3CH 0.062	21.973	0.062	0.062
K6D2AE_R ON P5Q3CI 0.068	22.961	0.068	0.068
K6D2AE_R ON P5Q3CN 0.067	24.524	0.067	0.067
K6D2AE_R ON P5Q3C0 0.052	19.404	0.052	0.052
K6D2AE_R ON P5Q3CQ 0.058	25.526	0.058	0.058
K6D2AE_R ON P5Q3CW 0.070	25.794	0.070	0.070
K6D2AF_R ON K6D2AG_R 0.085	13.525	0.085	0.085
K6D2AF_R ON K6D2D_R 0.085	10.521	0.085	0.085
K6D2AF_R ON K6D2T_R 0.094	13.114	0.094	0.094
K6D2AF_R ON K6D2AK_R 0.097	12.281	0.097	0.097
K6D2AF_R ON K6D2Z_R 0.075	11.585	0.075	0.075
K6D2AF_R ON K6D2AB_R 0.072	11.345	0.072	0.072
K6D2AF_R ON K6D2G_R 0.161	17.371	0.161	0.161
K6D2AF_R ON K6D2Y_R 0.191	39.528	0.191	0.191
P5Q3M ON K6D2Z_R 0.078	12.094	0.078	0.078
P5Q3M ON K6D61E 0.080	11.104	0.080	0.080
P5Q3M ON K6D40_R 0.084	10.878	0.084	0.084
P5Q3M ON K6F68_R 0.085	10.529	0.085	0.085

P5Q3M 0.086	ON K6F74_R	11.020	0.086	0.086
P5Q3M 0.225	ON P5Q3X	45.610	0.225	0.225
P5Q3M 0.180	ON P5Q3AA	41.655	0.180	0.180
P5Q3M 0.216	ON P5Q3AL	36.515	0.216	0.216
P5Q3M 0.202	ON P5Q3AP	46.361	0.202	0.202
P5Q3M 0.294	ON P5Q3BZ	63.382	0.294	0.294
P5Q3M 0.263	ON P5Q3CJ	56.711	0.263	0.263
P5Q3M 0.209	ON P5Q3C	50.520	0.209	0.209
P5Q3M 0.254	ON P5Q30	73.198	0.254	0.254
P5Q3M 0.267	ON P5Q3R	92.985	0.267	0.267
P5Q3M 0.242	ON P5Q3S	72.239	0.242	0.242
P5Q3M 0.234	ON P5Q3T	66.771	0.234	0.234
P5Q3M 0.194	ON P5Q3U	48.029	0.194	0.194
P5Q3M 0.176	ON P5Q3V	32.873	0.176	0.176
P5Q3M 0.250	ON P5Q3AJ	55.119	0.250	0.250
P5Q3M 0.263	ON P5Q3BC	62.963	0.263	0.263
P5Q3M 0.270	ON P5Q3BN	90.024	0.270	0.270
P5Q3M 0.191	ON P5Q3CF	44.394	0.191	0.191
P5Q3M 0.220	ON P5Q3CG	65.719	0.220	0.220
P5Q3M 0.270	ON P5Q3CH	76.989	0.270	0.270
P5Q3M 0.261	ON P5Q3CI	54.313	0.261	0.261
P5Q3M 0.223	ON P5Q3CN	45.625	0.223	0.223
P5Q3M 0.199	ON P5Q3C0	52.516	0.199	0.199
P5Q3M 0.269	ON P5Q3CQ	65.123	0.269	0.269
P5Q3M 0.210	ON P5Q3CW	42.769	0.210	0.210

P5Q3AB 0.186	ON P5Q3AV	22.912	0.186	0.186
P5Q3AF 0.088	ON K6D2A_R	10.291	0.088	0.088
P5Q3AF 0.066	ON K6D2AJ_R	10.093	0.066	0.066
P5Q3AF 0.106	ON K6D40_R	14.745	0.106	0.106
P5Q3AF 0.099	ON K6F68_R	11.916	0.099	0.099
P5Q3AF 0.094	ON K6F74_R	10.884	0.094	0.094
P5Q3AF 0.148	ON P5Q3AH	13.761	0.148	0.148
P5Q3AF -0.180	ON P5Q3B0	14.052	-0.180	-0.180
P5Q3AF 0.119	ON P5Q3X	11.167	0.119	0.119
P5Q3AF 0.139	ON P5Q3BZ	13.044	0.139	0.139
P5Q3AF 0.120	ON P5Q3CJ	11.433	0.120	0.120
P5Q3AF 0.145	ON P5Q3C	21.174	0.145	0.145
P5Q3AF 0.108	ON P5Q30	10.701	0.108	0.108
P5Q3AF 0.153	ON P5Q3R	23.394	0.153	0.153
P5Q3AF 0.118	ON P5Q3AJ	11.611	0.118	0.118
P5Q3AF 0.110	ON P5Q3BC	10.049	0.110	0.110
P5Q3AF 0.159	ON P5Q3BN	27.474	0.159	0.159
P5Q3AF 0.107	ON P5Q3CG	12.962	0.107	0.107
P5Q3AF 0.151	ON P5Q3CH	21.595	0.151	0.151
P5Q3AF 0.132	ON P5Q3CI	12.674	0.132	0.132
P5Q3AF 0.105	ON P5Q3C0	13.018	0.105	0.105
P5Q3AF 0.127	ON P5Q3CQ	14.396	0.127	0.127
P5Q3AH 0.148	ON P5Q3AF	13.760	0.148	0.148
P5Q3AH 0.144	ON P5Q3CH	16.246	0.144	0.144
P5Q3AR 0.102	ON P5Q3CG	10.601	0.102	0.102

P5Q3AR 0.129	ON P5Q3CI	11.397	0.129	0.129
P5Q3AV 0.084	ON K6B1A_R	11.145	0.084	0.084
P5Q3AV 0.074	ON K6B1B_R	10.100	0.074	0.074
P5Q3AV -0.062	ON K6D2N_R	10.869	-0.062	-0.062
P5Q3AV -0.068	ON K6D2X_R	10.078	-0.068	-0.068
P5Q3AV -0.099	ON K6D2A_R	12.711	-0.099	-0.099
P5Q3AV -0.072	ON K6D2P_R	10.976	-0.072	-0.072
P5Q3AV -0.090	ON K6D2R_R	11.763	-0.090	-0.090
P5Q3AV -0.093	ON K6D2Z_R	13.230	-0.093	-0.093
P5Q3AV -0.083	ON K6D2AB_R	10.946	-0.083	-0.083
P5Q3AV -0.074	ON K6D2AJ_R	12.233	-0.074	-0.074
P5Q3AV -0.090	ON K6D61C	18.063	-0.090	-0.090
P5Q3AV -0.097	ON K6D61D	15.838	-0.097	-0.097
P5Q3AV -0.098	ON K6D61E	13.276	-0.098	-0.098
P5Q3AV -0.094	ON K6D61K	19.486	-0.094	-0.094
P5Q3AV -0.120	ON K6D61L	17.076	-0.120	-0.120
P5Q3AV -0.112	ON K6D61M	12.323	-0.112	-0.112
P5Q3AV -0.114	ON K6D40_R	16.050	-0.114	-0.114
P5Q3AV -0.108	ON K6D48_R	13.432	-0.108	-0.108
P5Q3AV -0.113	ON K6F63_R	17.035	-0.113	-0.113
P5Q3AV -0.123	ON K6F68_R	17.731	-0.123	-0.123
P5Q3AV -0.120	ON K6F74_R	17.016	-0.120	-0.120
P5Q3AV 0.186	ON P5Q3AB	22.917	0.186	0.186
P5Q3AV 0.166	ON P5Q3DB	19.992	0.166	0.166
P5Q3AV -0.128	ON P5Q3AA	16.855	-0.128	-0.128

P5Q3AV -0.137	ON P5Q3V	17.290	-0.137	-0.137
P5Q3AX -0.078	ON K6D2AG_R	10.333	-0.078	-0.078
P5Q3AX -0.104	ON K6D2AI_R	11.388	-0.104	-0.104
P5Q3AX -0.101	ON K6D2J_R	10.605	-0.101	-0.101
P5Q3AX -0.095	ON K6D2T_R	11.290	-0.095	-0.095
P5Q3AX -0.079	ON K6D2AC_R	12.127	-0.079	-0.079
P5Q3AX -0.102	ON K6D2C_R	11.853	-0.102	-0.102
P5Q3AX -0.077	ON K6D2N_R	11.101	-0.077	-0.077
P5Q3AX -0.082	ON K6D2X_R	10.333	-0.082	-0.082
P5Q3AX 0.085	ON K6D2B_R	11.305	0.085	0.085
P5Q3AX 0.078	ON K6D2S_R	12.725	0.078	0.078
P5Q3AX 0.089	ON K6D2W_R	10.501	0.089	0.089
P5Q3AX 0.103	ON K6D2AF_R	11.208	0.103	0.103
P5Q3AX -0.130	ON P5Q3AA	12.005	-0.130	-0.130
P5Q3BQ 0.140	ON P5Q3DB	20.524	0.140	0.140
P5Q3BQ 0.120	ON P5Q3BI	16.806	0.120	0.120
P5Q3CK 0.187	ON P5Q3X	11.302	0.187	0.187
P5Q3CK 0.192	ON P5Q3AL	12.486	0.192	0.192
P5Q3CK 0.239	ON P5Q3BZ	21.659	0.239	0.239
P5Q3CK 0.240	ON P5Q3CJ	29.977	0.240	0.240
P5Q3CK 0.200	ON P5Q30	17.956	0.200	0.200
P5Q3CK 0.215	ON P5Q3R	19.104	0.215	0.215
P5Q3CK 0.193	ON P5Q3S	18.487	0.193	0.193
P5Q3CK 0.181	ON P5Q3T	16.201	0.181	0.181
P5Q3CK 0.176	ON P5Q3V	13.863	0.176	0.176

P5Q3CK 0.200	ON P5Q3AJ	17.867	0.200	0.200
P5Q3CK 0.209	ON P5Q3BC	22.435	0.209	0.209
P5Q3CK 0.210	ON P5Q3BN	21.089	0.210	0.210
P5Q3CK 0.186	ON P5Q3CF	17.298	0.186	0.186
P5Q3CK 0.195	ON P5Q3CG	20.000	0.195	0.195
P5Q3CK 0.205	ON P5Q3CH	19.237	0.205	0.205
P5Q3CK 0.211	ON P5Q3CI	17.149	0.211	0.211
P5Q3CK 0.166	ON P5Q3CN	10.958	0.166	0.166
P5Q3CK 0.164	ON P5Q3C0	15.133	0.164	0.164
P5Q3CK 0.210	ON P5Q3CQ	23.782	0.210	0.210
P5Q3CK 0.201	ON P5Q3CW	15.194	0.201	0.201
P5Q3DB 0.066	ON K6B1B_R	14.048	0.066	0.066
P5Q3DB 0.059	ON K6B1C_R	11.350	0.059	0.059
P5Q3DB 0.083	ON K6B1D_R	15.570	0.083	0.083
P5Q3DB -0.068	ON K6D2AI_R	12.170	-0.068	-0.068
P5Q3DB -0.066	ON K6D2C_R	12.937	-0.066	-0.066
P5Q3DB -0.056	ON K6D2X_R	11.167	-0.056	-0.056
P5Q3DB -0.104	ON K6D2A_R	22.968	-0.104	-0.104
P5Q3DB -0.086	ON K6D2P_R	25.518	-0.086	-0.086
P5Q3DB -0.087	ON K6D2R_R	18.635	-0.087	-0.087
P5Q3DB -0.089	ON K6D2Z_R	20.211	-0.089	-0.089
P5Q3DB -0.098	ON K6D2AB_R	25.605	-0.098	-0.098
P5Q3DB -0.080	ON K6D2AJ_R	24.095	-0.080	-0.080
P5Q3DB -0.086	ON K6D61C	26.728	-0.086	-0.086
P5Q3DB -0.107	ON K6D61D	31.706	-0.107	-0.107

P5Q3DB -0.109	ON K6D61E	26.492	-0.109	-0.109
P5Q3DB -0.087	ON K6D61K	27.608	-0.087	-0.087
P5Q3DB -0.136	ON K6D61L	35.983	-0.136	-0.136
P5Q3DB -0.109	ON K6D61M	19.606	-0.109	-0.109
P5Q3DB -0.099	ON K6D40_R	20.090	-0.099	-0.099
P5Q3DB -0.107	ON K6D48_R	21.522	-0.107	-0.107
P5Q3DB -0.107	ON K6F63_R	25.358	-0.107	-0.107
P5Q3DB -0.116	ON K6F68_R	26.698	-0.116	-0.116
P5Q3DB -0.111	ON K6F74_R	24.707	-0.111	-0.111
P5Q3DB 0.166	ON P5Q3AV	19.988	0.166	0.166
P5Q3DB 0.140	ON P5Q3BQ	20.522	0.140	0.140
P5Q3DB -0.195	ON P5Q3E	18.786	-0.195	-0.195
P5Q3DB -0.141	ON P5Q3X	20.191	-0.141	-0.141
P5Q3DB -0.129	ON P5Q3AA	23.866	-0.129	-0.129
P5Q3DB -0.143	ON P5Q3AL	17.441	-0.143	-0.143
P5Q3DB -0.122	ON P5Q3BZ	12.434	-0.122	-0.122
P5Q3DB -0.103	ON P5Q3CJ	10.546	-0.103	-0.103
P5Q3DB -0.120	ON P5Q30	15.848	-0.120	-0.120
P5Q3DB -0.124	ON P5Q3S	18.616	-0.124	-0.124
P5Q3DB -0.120	ON P5Q3T	17.715	-0.120	-0.120
P5Q3DB -0.085	ON P5Q3U	10.650	-0.085	-0.085
P5Q3DB -0.157	ON P5Q3V	30.617	-0.157	-0.157
P5Q3DB -0.132	ON P5Q3AJ	17.186	-0.132	-0.132
P5Q3DB -0.099	ON P5Q3BC	10.011	-0.099	-0.099
P5Q3DB -0.103	ON P5Q3CQ	11.389	-0.103	-0.103

P5Q3E 0.081	ON K6D2A_R	10.260	0.081	0.081
P5Q3E -0.195	ON P5Q3DB	18.780	-0.195	-0.195
P5Q3E 0.143	ON P5Q3X	18.841	0.143	0.143
P5Q3A0 -0.095	ON K5E1B	12.038	-0.095	-0.095
P5Q3A0 -0.077	ON K5E1C	10.152	-0.077	-0.077
P5Q3A0 -0.089	ON K5E1D	11.602	-0.089	-0.089
P5Q3A0 0.064	ON K6D2AG_R	12.667	0.064	0.064
P5Q3A0 0.072	ON K6D2AI_R	10.433	0.072	0.072
P5Q3A0 0.076	ON K6D2D_R	13.524	0.076	0.076
P5Q3A0 0.068	ON K6D2T_R	11.309	0.068	0.068
P5Q3A0 0.058	ON K6D2AC_R	12.781	0.058	0.058
P5Q3A0 0.092	ON K6D2AK_R	16.921	0.092	0.092
P5Q3A0 0.068	ON K6D2C_R	10.223	0.068	0.068
P5Q3A0 0.064	ON K6D2N_R	14.845	0.064	0.064
P5Q3A0 0.067	ON K6D2X_R	12.181	0.067	0.067
P5Q3A0 -0.068	ON K6D2F_R	12.031	-0.068	-0.068
P5Q3A0 -0.107	ON K6D2G_R	13.738	-0.107	-0.107
P5Q3A0 -0.071	ON K6D2L_R	12.027	-0.071	-0.071
P5Q3A0 -0.084	ON K6D2O_R	13.769	-0.084	-0.084
P5Q3A0 -0.054	ON K6D2S_R	11.116	-0.054	-0.054
P5Q3A0 -0.079	ON K6D2V_R	13.143	-0.079	-0.079
P5Q3A0 -0.067	ON K6D2W_R	10.884	-0.067	-0.067
P5Q3A0 -0.075	ON K6D2AA_R	15.370	-0.075	-0.075
P5Q3A0 -0.080	ON K6D2AE_R	10.079	-0.080	-0.080
P5Q3A0 -0.081	ON K6D2AF_R	13.315	-0.081	-0.081

P5Q3A0 0.141	ON P5Q3BK	10.490	0.141	0.141
P5Q3A0 0.238	ON P5Q3DA	38.040	0.238	0.238
P5Q3BK 0.141	ON P5Q3A0	10.488	0.141	0.141
P5Q3BK 0.117	ON P5Q3CI	10.349	0.117	0.117
P5Q3B0 -0.079	ON K6B1A_R	13.064	-0.079	-0.079
P5Q3B0 -0.080	ON K6B1B_R	16.104	-0.080	-0.080
P5Q3B0 -0.082	ON K6B1C_R	17.297	-0.082	-0.082
P5Q3B0 -0.094	ON K6B1D_R	15.798	-0.094	-0.094
P5Q3B0 -0.078	ON K5E1A	10.040	-0.078	-0.078
P5Q3B0 -0.078	ON K5E1C	11.311	-0.078	-0.078
P5Q3B0 -0.101	ON K5E1D	16.724	-0.101	-0.101
P5Q3B0 0.067	ON K6D2AG_R	15.352	0.067	0.067
P5Q3B0 0.079	ON K6D2AI_R	13.753	0.079	0.079
P5Q3B0 0.075	ON K6D2D_R	14.399	0.075	0.075
P5Q3B0 0.073	ON K6D2J_R	12.349	0.073	0.073
P5Q3B0 0.067	ON K6D2T_R	12.124	0.067	0.067
P5Q3B0 0.064	ON K6D2AC_R	17.035	0.064	0.064
P5Q3B0 0.099	ON K6D2AK_R	21.525	0.099	0.099
P5Q3B0 0.081	ON K6D2C_R	15.755	0.081	0.081
P5Q3B0 0.068	ON K6D2N_R	18.175	0.068	0.068
P5Q3B0 0.081	ON K6D2X_R	19.537	0.081	0.081
P5Q3B0 0.157	ON K6D2A_R	43.739	0.157	0.157
P5Q3B0 0.131	ON K6D2P_R	48.647	0.131	0.131
P5Q3B0 0.148	ON K6D2R_R	42.651	0.148	0.148
P5Q3B0 0.137	ON K6D2Z_R	39.125	0.137	0.137

P5Q3B0 0.131	ON K6D2AB_R	38.006	0.131	0.131
P5Q3B0 0.130	ON K6D2AJ_R	52.021	0.130	0.130
P5Q3B0 0.134	ON K6D61C	54.294	0.134	0.134
P5Q3B0 0.147	ON K6D61D	49.438	0.147	0.147
P5Q3B0 0.168	ON K6D61E	52.677	0.168	0.168
P5Q3B0 0.135	ON K6D61K	53.802	0.135	0.135
P5Q3B0 0.174	ON K6D61L	49.153	0.174	0.174
P5Q3B0 0.161	ON K6D61M	35.413	0.161	0.161
P5Q3B0 0.186	ON K6D40_R	59.580	0.186	0.186
P5Q3B0 0.171	ON K6D48_R	45.061	0.171	0.171
P5Q3B0 0.163	ON K6F63_R	48.951	0.163	0.163
P5Q3B0 0.192	ON K6F68_R	59.608	0.192	0.192
P5Q3B0 0.193	ON K6F74_R	61.374	0.193	0.193
P5Q3B0 -0.061	ON K6D2B_R	12.411	-0.061	-0.061
P5Q3B0 -0.071	ON K6D2F_R	14.272	-0.071	-0.071
P5Q3B0 -0.096	ON K6D2G_R	12.102	-0.096	-0.096
P5Q3B0 -0.083	ON K6D2I_R	13.071	-0.083	-0.083
P5Q3B0 -0.069	ON K6D2K_R	10.529	-0.069	-0.069
P5Q3B0 -0.076	ON K6D2L_R	15.259	-0.076	-0.076
P5Q3B0 -0.070	ON K6D2M_R	11.359	-0.070	-0.070
P5Q3B0 -0.057	ON K6D2S_R	14.117	-0.057	-0.057
P5Q3B0 -0.070	ON K6D2V_R	11.050	-0.070	-0.070
P5Q3B0 -0.065	ON K6D2W_R	11.544	-0.065	-0.065
P5Q3B0 -0.069	ON K6D2Y_R	11.885	-0.069	-0.069
P5Q3B0 -0.068	ON K6D2AA_R	14.372	-0.068	-0.068

P5Q3B0 -0.078	ON K6D2AE_R	10.735	-0.078	-0.078
P5Q3B0 -0.076	ON K6D2AF_R	12.697	-0.076	-0.076
P5Q3B0 -0.180	ON P5Q3AF	14.055	-0.180	-0.180
P5Q3B0 0.172	ON P5Q3X	28.748	0.172	0.172
P5Q3B0 0.102	ON P5Q3AA	13.243	0.102	0.102
P5Q3B0 0.170	ON P5Q3AL	23.339	0.170	0.170
P5Q3B0 0.164	ON P5Q3AP	34.147	0.164	0.164
P5Q3B0 0.188	ON P5Q3BI	30.396	0.188	0.188
P5Q3B0 0.240	ON P5Q3BZ	51.130	0.240	0.240
P5Q3B0 0.199	ON P5Q3CJ	36.115	0.199	0.199
P5Q3B0 0.167	ON P5Q3O	31.050	0.167	0.167
P5Q3B0 0.121	ON P5Q3R	16.671	0.121	0.121
P5Q3B0 0.139	ON P5Q3S	22.046	0.139	0.139
P5Q3B0 0.126	ON P5Q3T	18.307	0.126	0.126
P5Q3B0 0.100	ON P5Q3U	12.420	0.100	0.100
P5Q3B0 0.106	ON P5Q3V	12.631	0.106	0.106
P5Q3B0 0.142	ON P5Q3AJ	18.385	0.142	0.142
P5Q3B0 0.192	ON P5Q3BC	37.670	0.192	0.192
P5Q3B0 0.150	ON P5Q3BN	24.274	0.150	0.150
P5Q3B0 0.148	ON P5Q3CF	29.033	0.148	0.148
P5Q3B0 0.187	ON P5Q3CG	51.755	0.187	0.187
P5Q3B0 0.180	ON P5Q3CH	32.609	0.180	0.180
P5Q3B0 0.223	ON P5Q3CI	45.875	0.223	0.223
P5Q3B0 0.153	ON P5Q3CN	22.811	0.153	0.153
P5Q3B0 0.112	ON P5Q3C0	15.929	0.112	0.112

P5Q3B0 0.181	ON P5Q3CQ	33.378	0.181	0.181
P5Q3B0 0.134	ON P5Q3CW	17.762	0.134	0.134
P5Q3CU 0.220	ON P5Q3AZ	24.393	0.220	0.220
P5Q3DA 0.087	ON K6D2AG_R	17.303	0.087	0.087
P5Q3DA 0.099	ON K6D2AI_R	14.207	0.099	0.099
P5Q3DA 0.102	ON K6D2D_R	17.832	0.102	0.102
P5Q3DA 0.092	ON K6D2J_R	12.352	0.092	0.092
P5Q3DA 0.095	ON K6D2T_R	15.874	0.095	0.095
P5Q3DA 0.082	ON K6D2AC_R	18.474	0.082	0.082
P5Q3DA 0.102	ON K6D2AK_R	14.582	0.102	0.102
P5Q3DA 0.097	ON K6D2C_R	14.995	0.097	0.097
P5Q3DA 0.086	ON K6D2N_R	18.905	0.086	0.086
P5Q3DA 0.094	ON K6D2X_R	17.824	0.094	0.094
P5Q3DA 0.119	ON K6D2A_R	17.050	0.119	0.119
P5Q3DA 0.084	ON K6D2P_R	13.417	0.084	0.084
P5Q3DA 0.107	ON K6D2R_R	15.287	0.107	0.107
P5Q3DA 0.108	ON K6D2Z_R	15.760	0.108	0.108
P5Q3DA 0.091	ON K6D2AB_R	11.968	0.091	0.091
P5Q3DA 0.097	ON K6D2AJ_R	19.240	0.097	0.097
P5Q3DA 0.094	ON K6D61C	17.655	0.094	0.094
P5Q3DA 0.093	ON K6D61D	13.053	0.093	0.093
P5Q3DA 0.112	ON K6D61E	15.249	0.112	0.112
P5Q3DA 0.093	ON K6D61K	17.168	0.093	0.093
P5Q3DA 0.111	ON K6D61L	12.716	0.111	0.111
P5Q3DA 0.116	ON K6D61M	11.412	0.116	0.116

P5Q3DA 0.126	ON K6D40_R	17.867	0.126	0.126
P5Q3DA 0.117	ON K6D48_R	13.741	0.117	0.117
P5Q3DA 0.110	ON K6F63_R	14.488	0.110	0.110
P5Q3DA 0.129	ON K6F68_R	17.596	0.129	0.129
P5Q3DA 0.137	ON K6F74_R	20.553	0.137	0.137
P5Q3DA 0.238	ON P5Q3A0	38.035	0.238	0.238
P5Q3AU 0.162	ON P5Q3BB6	10.402	0.162	0.162
P5Q3AU -0.134	ON P5Q3AA	14.230	-0.134	-0.134
P5Q3AU -0.126	ON P5Q3T	11.199	-0.126	-0.126
P5Q3AU -0.157	ON P5Q3V	17.168	-0.157	-0.157
P5Q3AZ 0.220	ON P5Q3CU	24.396	0.220	0.220
P5Q3BB1 0.374	ON P5Q3BB2	118.168	0.374	0.374
P5Q3BB1 0.332	ON P5Q3BB6	90.741	0.332	0.332
P5Q3BB1 0.220	ON P5Q3BB7	18.539	0.220	0.220
P5Q3BB1 -0.192	ON P5Q3X	22.915	-0.192	-0.192
P5Q3BB1 -0.196	ON P5Q3AA	33.012	-0.196	-0.196
P5Q3BB1 -0.163	ON P5Q3AL	16.475	-0.163	-0.163
P5Q3BB1 -0.174	ON P5Q3AP	23.576	-0.174	-0.174
P5Q3BB1 -0.231	ON P5Q3BZ	29.616	-0.231	-0.231
P5Q3BB1 -0.152	ON P5Q3CJ	15.846	-0.152	-0.152
P5Q3BB1 -0.135	ON P5Q3C	13.644	-0.135	-0.135
P5Q3BB1 -0.198	ON P5Q30	28.345	-0.198	-0.198
P5Q3BB1 -0.138	ON P5Q3R	14.912	-0.138	-0.138
P5Q3BB1 -0.198	ON P5Q3S	29.957	-0.198	-0.198
P5Q3BB1 -0.176	ON P5Q3T	25.172	-0.176	-0.176

P5Q3BB1	ON P5Q3U	24.403	-0.168	-0.168
-0.168				
P5Q3BB1	ON P5Q3V	36.652	-0.220	-0.220
-0.220				
P5Q3BB1	ON P5Q3AJ	32.942	-0.218	-0.218
-0.218				
P5Q3BB1	ON P5Q3BC	28.799	-0.197	-0.197
-0.197				
P5Q3BB1	ON P5Q3BN	18.057	-0.155	-0.155
-0.155				
P5Q3BB1	ON P5Q3CF	14.873	-0.131	-0.131
-0.131				
P5Q3BB1	ON P5Q3CG	15.762	-0.134	-0.134
-0.134				
P5Q3BB1	ON P5Q3CN	19.368	-0.169	-0.169
-0.169				
P5Q3BB1	ON P5Q3C0	23.396	-0.164	-0.164
-0.164				
P5Q3BB1	ON P5Q3CQ	31.527	-0.207	-0.207
-0.207				
P5Q3BB1	ON P5Q3CW	17.460	-0.160	-0.160
-0.160				
P5Q3BB2	ON P5Q3BB1	118.181	0.374	0.374
0.374				
P5Q3BB2	ON P5Q3BB5	19.952	0.194	0.194
0.194				
P5Q3BB2	ON P5Q3BB6	111.545	0.351	0.351
0.351				
P5Q3BB2	ON P5Q3BB7	27.846	0.254	0.254
0.254				
P5Q3BB2	ON P5Q3X	22.799	-0.164	-0.164
-0.164				
P5Q3BB2	ON P5Q3AA	28.758	-0.159	-0.159
-0.159				
P5Q3BB2	ON P5Q3AL	10.488	-0.118	-0.118
-0.118				
P5Q3BB2	ON P5Q3AP	21.395	-0.142	-0.142
-0.142				
P5Q3BB2	ON P5Q3BZ	21.098	-0.172	-0.172
-0.172				
P5Q3BB2	ON P5Q3CJ	20.435	-0.158	-0.158
-0.158				
P5Q3BB2	ON P5Q3C	14.388	-0.120	-0.120
-0.120				
P5Q3BB2	ON P5Q30	23.295	-0.159	-0.159
-0.159				
P5Q3BB2	ON P5Q3R	20.402	-0.144	-0.144
-0.144				
P5Q3BB2	ON P5Q3S	29.694	-0.174	-0.174
-0.174				

P5Q3BB2	ON P5Q3T	28.503	-0.166	-0.166
-0.166				
P5Q3BB2	ON P5Q3U	29.319	-0.160	-0.160
-0.160				
P5Q3BB2	ON P5Q3V	31.555	-0.179	-0.179
-0.179				
P5Q3BB2	ON P5Q3AJ	26.245	-0.178	-0.178
-0.178				
P5Q3BB2	ON P5Q3BC	21.798	-0.155	-0.155
-0.155				
P5Q3BB2	ON P5Q3BN	16.100	-0.128	-0.128
-0.128				
P5Q3BB2	ON P5Q3CF	11.734	-0.102	-0.102
-0.102				
P5Q3BB2	ON P5Q3CI	10.332	-0.115	-0.115
-0.115				
P5Q3BB2	ON P5Q3CN	14.262	-0.127	-0.127
-0.127				
P5Q3BB2	ON P5Q3C0	22.138	-0.139	-0.139
-0.139				
P5Q3BB2	ON P5Q3CQ	25.194	-0.167	-0.167
-0.167				
P5Q3BB2	ON P5Q3CW	13.028	-0.119	-0.119
-0.119				
P5Q3BB5	ON P5Q3BB2	19.948	0.194	0.194
0.194				
P5Q3BB5	ON P5Q3BB6	27.128	0.227	0.227
0.227				
P5Q3BB5	ON P5Q3BB7	10.746	0.182	0.182
0.182				
P5Q3BB6	ON K6D2A_R	10.757	-0.090	-0.090
-0.090				
P5Q3BB6	ON K6D61C	17.121	-0.087	-0.087
-0.087				
P5Q3BB6	ON K6D61D	12.076	-0.083	-0.083
-0.083				
P5Q3BB6	ON K6D61E	10.865	-0.087	-0.087
-0.087				
P5Q3BB6	ON K6D61K	16.319	-0.085	-0.085
-0.085				
P5Q3BB6	ON K6D61L	13.617	-0.106	-0.106
-0.106				
P5Q3BB6	ON K6D40_R	10.179	-0.088	-0.088
-0.088				
P5Q3BB6	ON K6D48_R	14.542	-0.111	-0.111
-0.111				
P5Q3BB6	ON K6F63_R	11.912	-0.092	-0.092
-0.092				
P5Q3BB6	ON K6F68_R	13.190	-0.103	-0.103
-0.103				

P5Q3BB6 -0.103	ON K6F74_R	13.570	-0.103	-0.103
P5Q3BB6 0.162	ON P5Q3AU	10.403	0.162	0.162
P5Q3BB6 0.332	ON P5Q3BB1	90.749	0.332	0.332
P5Q3BB6 0.351	ON P5Q3BB2	111.540	0.351	0.351
P5Q3BB6 0.227	ON P5Q3BB5	27.132	0.227	0.227
P5Q3BB6 0.402	ON P5Q3BB7	127.950	0.402	0.402
P5Q3BB6 -0.260	ON P5Q3X	49.556	-0.260	-0.260
P5Q3BB6 -0.261	ON P5Q3AA	66.768	-0.261	-0.261
P5Q3BB6 -0.232	ON P5Q3AL	36.633	-0.232	-0.232
P5Q3BB6 -0.217	ON P5Q3AP	43.094	-0.217	-0.217
P5Q3BB6 -0.317	ON P5Q3BZ	63.270	-0.317	-0.317
P5Q3BB6 -0.253	ON P5Q3CJ	46.630	-0.253	-0.253
P5Q3BB6 -0.182	ON P5Q3C	29.254	-0.182	-0.182
P5Q3BB6 -0.251	ON P5Q30	52.318	-0.251	-0.251
P5Q3BB6 -0.194	ON P5Q3R	32.818	-0.194	-0.194
P5Q3BB6 -0.270	ON P5Q3S	63.045	-0.270	-0.270
P5Q3BB6 -0.258	ON P5Q3T	60.242	-0.258	-0.258
P5Q3BB6 -0.228	ON P5Q3U	51.228	-0.228	-0.228
P5Q3BB6 -0.283	ON P5Q3V	68.984	-0.283	-0.283
P5Q3BB6 -0.287	ON P5Q3AJ	62.558	-0.287	-0.287
P5Q3BB6 -0.266	ON P5Q3BC	57.660	-0.266	-0.266
P5Q3BB6 -0.200	ON P5Q3BN	35.156	-0.200	-0.200
P5Q3BB6 -0.177	ON P5Q3CF	32.103	-0.177	-0.177
P5Q3BB6 -0.167	ON P5Q3CG	28.692	-0.167	-0.167
P5Q3BB6 -0.173	ON P5Q3CH	25.722	-0.173	-0.173

P5Q3BB6	ON	P5Q3CI	29.374	-0.203	-0.203
-0.203					
P5Q3BB6	ON	P5Q3CN	40.352	-0.228	-0.228
-0.228					
P5Q3BB6	ON	P5Q3C0	40.450	-0.197	-0.197
-0.197					
P5Q3BB6	ON	P5Q3CQ	54.393	-0.259	-0.259
-0.259					
P5Q3BB6	ON	P5Q3CW	28.923	-0.187	-0.187
-0.187					
P5Q3BB7	ON	K5E1B	10.214	0.123	0.123
0.123					
P5Q3BB7	ON	K6D2AI_R	10.659	-0.103	-0.103
-0.103					
P5Q3BB7	ON	K6D2J_R	12.247	-0.107	-0.107
-0.107					
P5Q3BB7	ON	K6D2AC_R	10.447	-0.074	-0.074
-0.074					
P5Q3BB7	ON	K6D2A_R	15.075	-0.136	-0.136
-0.136					
P5Q3BB7	ON	K6D2P_R	17.446	-0.115	-0.115
-0.115					
P5Q3BB7	ON	K6D2R_R	13.437	-0.120	-0.120
-0.120					
P5Q3BB7	ON	K6D2Z_R	14.919	-0.121	-0.121
-0.121					
P5Q3BB7	ON	K6D2AB_R	16.356	-0.126	-0.126
-0.126					
P5Q3BB7	ON	K6D2AJ_R	13.566	-0.097	-0.097
-0.097					
P5Q3BB7	ON	K6D61C	19.448	-0.120	-0.120
-0.120					
P5Q3BB7	ON	K6D61D	15.009	-0.118	-0.118
-0.118					
P5Q3BB7	ON	K6D61E	14.119	-0.126	-0.126
-0.126					
P5Q3BB7	ON	K6D61K	18.905	-0.119	-0.119
-0.119					
P5Q3BB7	ON	K6D61L	16.545	-0.148	-0.148
-0.148					
P5Q3BB7	ON	K6D61M	12.551	-0.147	-0.147
-0.147					
P5Q3BB7	ON	K6D40_R	16.199	-0.143	-0.143
-0.143					
P5Q3BB7	ON	K6D48_R	17.906	-0.160	-0.160
-0.160					
P5Q3BB7	ON	K6F63_R	20.760	-0.159	-0.159
-0.159					
P5Q3BB7	ON	K6F68_R	20.723	-0.167	-0.167
-0.167					

P5Q3BB7 -0.160	ON K6F74_R	19.597	-0.160	-0.160
P5Q3BB7 0.221	ON P5Q3BB1	18.549	0.221	0.221
P5Q3BB7 0.254	ON P5Q3BB2	27.847	0.254	0.254
P5Q3BB7 0.182	ON P5Q3BB5	10.751	0.182	0.182
P5Q3BB7 0.402	ON P5Q3BB6	127.958	0.402	0.402
P5Q3BB7 -0.148	ON P5Q3X	10.756	-0.148	-0.148
P5Q3BB7 -0.170	ON P5Q3AA	19.070	-0.170	-0.170
P5Q3BB7 -0.154	ON P5Q3AP	14.771	-0.154	-0.154
P5Q3BB7 -0.151	ON P5Q3BZ	10.675	-0.151	-0.151
P5Q3BB7 -0.179	ON P5Q3C	17.143	-0.179	-0.179
P5Q3BB7 -0.144	ON P5Q3O	12.717	-0.144	-0.144
P5Q3BB7 -0.169	ON P5Q3R	16.290	-0.169	-0.169
P5Q3BB7 -0.166	ON P5Q3S	16.991	-0.166	-0.166
P5Q3BB7 -0.134	ON P5Q3T	11.741	-0.134	-0.134
P5Q3BB7 -0.181	ON P5Q3U	20.723	-0.181	-0.181
P5Q3BB7 -0.174	ON P5Q3V	17.878	-0.174	-0.174
P5Q3BB7 -0.146	ON P5Q3AJ	12.157	-0.146	-0.146
P5Q3BB7 -0.162	ON P5Q3BN	14.984	-0.162	-0.162
P5Q3BB7 -0.124	ON P5Q3CF	10.387	-0.124	-0.124
P5Q3BB7 -0.140	ON P5Q3CG	12.473	-0.140	-0.140
P5Q3BB7 -0.163	ON P5Q3C0	17.330	-0.163	-0.163
P5Q3BB7 -0.151	ON P5Q3CQ	13.391	-0.151	-0.151
P5Q3X 0.056	ON K6D2AG_R	12.325	0.056	0.056
P5Q3X 0.069	ON K6D2AI_R	11.693	0.069	0.069
P5Q3X 0.074	ON K6D2D_R	15.842	0.074	0.074

P5Q3X 0.063	ON K6D2T_R	12.112	0.063	0.063
P5Q3X 0.058	ON K6D2AC_R	15.701	0.058	0.058
P5Q3X 0.081	ON K6D2AK_R	16.444	0.081	0.081
P5Q3X 0.084	ON K6D2C_R	19.134	0.084	0.084
P5Q3X 0.055	ON K6D2N_R	13.550	0.055	0.055
P5Q3X 0.073	ON K6D2X_R	18.224	0.073	0.073
P5Q3X 0.084	ON K6D2A_R	13.529	0.084	0.084
P5Q3X 0.069	ON K6D2AB_R	11.511	0.069	0.069
P5Q3X 0.064	ON K6D2AJ_R	13.987	0.064	0.064
P5Q3X 0.067	ON K6D61C	14.220	0.067	0.067
P5Q3X 0.082	ON K6D61D	16.005	0.082	0.082
P5Q3X 0.092	ON K6D61E	16.663	0.092	0.092
P5Q3X 0.065	ON K6D61K	12.747	0.065	0.065
P5Q3X 0.102	ON K6D61L	17.588	0.102	0.102
P5Q3X 0.092	ON K6D40_R	14.805	0.092	0.092
P5Q3X 0.080	ON K6D48_R	10.218	0.080	0.080
P5Q3X 0.076	ON K6F63_R	10.923	0.076	0.076
P5Q3X 0.091	ON K6F68_R	13.625	0.091	0.091
P5Q3X 0.095	ON K6F74_R	15.435	0.095	0.095
P5Q3X 0.115	ON P5Q3E	10.836	0.115	0.115
P5Q3AA 0.070	ON K6D61D	14.095	0.070	0.070
P5Q3AA 0.077	ON K6D61E	14.227	0.077	0.077
P5Q3AA 0.079	ON K6D61L	12.788	0.079	0.079
P5Q3AA 0.071	ON K6D40_R	10.550	0.071	0.071
P5Q3AA -0.161	ON P5Q3M	33.284	-0.161	-0.161

P5Q3AA -0.128	ON P5Q3AB	18.459	-0.128	-0.128
P5Q3AA -0.268	ON P5Q3AD	73.481	-0.268	-0.268
P5Q3AA -0.232	ON P5Q3AF	65.408	-0.232	-0.232
P5Q3AA -0.248	ON P5Q3AH	71.412	-0.248	-0.248
P5Q3AA -0.216	ON P5Q3AR	47.606	-0.216	-0.216
P5Q3AA -0.277	ON P5Q3AV	86.608	-0.277	-0.277
P5Q3AA -0.325	ON P5Q3AX	101.820	-0.325	-0.325
P5Q3AA -0.211	ON P5Q3BQ	58.414	-0.211	-0.211
P5Q3AA -0.312	ON P5Q3CK	95.994	-0.312	-0.312
P5Q3AA -0.241	ON P5Q3DB	66.328	-0.241	-0.241
P5Q3AA -0.269	ON P5Q3E	63.604	-0.269	-0.269
P5Q3AA -0.270	ON P5Q3A0	72.657	-0.270	-0.270
P5Q3AA -0.235	ON P5Q3BK	57.498	-0.235	-0.235
P5Q3AA -0.197	ON P5Q3B0	47.488	-0.197	-0.197
P5Q3AA -0.319	ON P5Q3CU	89.404	-0.319	-0.319
P5Q3AA -0.278	ON P5Q3DA	82.735	-0.278	-0.278
P5Q3AA -0.187	ON P5Q3AS	39.986	-0.187	-0.187
P5Q3AA -0.327	ON P5Q3AU	75.076	-0.327	-0.327
P5Q3AA -0.298	ON P5Q3AZ	88.495	-0.298	-0.298
P5Q3AA -0.306	ON P5Q3BB1	82.742	-0.306	-0.306
P5Q3AA -0.265	ON P5Q3BB2	62.062	-0.265	-0.265
P5Q3AA -0.266	ON P5Q3BB5	53.191	-0.266	-0.266
P5Q3AA -0.311	ON P5Q3BB6	92.107	-0.311	-0.311
P5Q3AA -0.338	ON P5Q3BB7	83.229	-0.338	-0.338
P5Q3AA 0.130	ON P5Q3AL	12.961	0.130	0.130

P5Q3AA 0.107	ON P5Q3AP	16.365	0.107	0.107
P5Q3AA 0.211	ON P5Q3U	102.766	0.211	0.211
P5Q3AA 0.259	ON P5Q3V	164.715	0.259	0.259
P5Q3AA -0.157	ON P5Q3CG	21.982	-0.157	-0.157
P5Q3AA -0.177	ON P5Q3CH	18.470	-0.177	-0.177
P5Q3AA -0.222	ON P5Q3CI	23.379	-0.222	-0.222
P5Q3AL -0.074	ON K6D2AG_R	14.915	-0.074	-0.074
P5Q3AL -0.075	ON K6D2D_R	11.327	-0.075	-0.075
P5Q3AL -0.077	ON K6D2J_R	10.563	-0.077	-0.077
P5Q3AL -0.087	ON K6D2T_R	16.393	-0.087	-0.087
P5Q3AL -0.062	ON K6D2AC_R	12.616	-0.062	-0.062
P5Q3AL -0.077	ON K6D2C_R	11.244	-0.077	-0.077
P5Q3AL -0.066	ON K6D2N_R	13.278	-0.066	-0.066
P5Q3AL -0.067	ON K6D2X_R	10.835	-0.067	-0.067
P5Q3AL 0.080	ON K6D2B_R	16.801	0.080	0.080
P5Q3AL 0.079	ON K6D2F_R	14.287	0.079	0.079
P5Q3AL 0.087	ON K6D2K_R	13.412	0.087	0.087
P5Q3AL 0.078	ON K6D2L_R	13.288	0.078	0.078
P5Q3AL 0.076	ON K6D2M_R	10.634	0.076	0.076
P5Q3AL 0.088	ON K6D2O_R	13.418	0.088	0.088
P5Q3AL 0.060	ON K6D2S_R	12.504	0.060	0.060
P5Q3AL 0.090	ON K6D2V_R	14.534	0.090	0.090
P5Q3AL 0.078	ON K6D2W_R	12.885	0.078	0.078
P5Q3AL 0.075	ON K6D2Y_R	11.352	0.075	0.075
P5Q3AL 0.073	ON K6D2AA_R	12.991	0.073	0.073

P5Q3AL 0.099	ON K6D2AE_R	13.814	0.099	0.099
P5Q3AL 0.079	ON K6D2AF_R	10.741	0.079	0.079
P5Q3AL 0.088	ON K6D2AH_R	10.592	0.088	0.088
P5Q3AL 0.130	ON P5Q3AA	12.968	0.130	0.130
P5Q3AL 0.148	ON P5Q3V	17.204	0.148	0.148
P5Q3AL 0.176	ON P5Q3AJ	18.570	0.176	0.176
P5Q3AP 0.107	ON P5Q3AA	16.371	0.107	0.107
P5Q3AP 0.134	ON P5Q3BZ	10.934	0.134	0.134
P5Q3BI 0.130	ON P5Q3BQ	24.012	0.130	0.130
P5Q3BI 0.111	ON P5Q3B0	14.732	0.111	0.111
P5Q3BZ 0.126	ON P5Q3B0	10.072	0.126	0.126
P5Q3BZ 0.134	ON P5Q3AP	10.935	0.134	0.134
P5Q3CJ 0.145	ON P5Q3CK	15.658	0.145	0.145
P5Q3C -0.052	ON K6D2F_R	11.260	-0.052	-0.052
P5Q3C -0.064	ON K6D2I_R	11.512	-0.064	-0.064
P5Q3C -0.056	ON K6D2K_R	10.336	-0.056	-0.056
P5Q3C -0.059	ON K6D2M_R	11.899	-0.059	-0.059
P5Q3C -0.061	ON K6D2V_R	12.438	-0.061	-0.061
P5Q3C -0.056	ON K6D2W_R	12.661	-0.056	-0.056
P5Q3C 0.120	ON P5Q3U	20.910	0.120	0.120
P5Q3C -0.173	ON P5Q3CI	12.969	-0.173	-0.173
P5Q30 -0.176	ON P5Q3CH	12.417	-0.176	-0.176
P5Q3R 0.182	ON P5Q3M	49.151	0.182	0.182
P5Q3R 0.106	ON P5Q3AB	13.004	0.106	0.106
P5Q3R 0.107	ON P5Q3AD	12.571	0.107	0.107

P5Q3R 0.148	ON P5Q3AF	28.826	0.148	0.148
P5Q3R 0.140	ON P5Q3AH	22.993	0.140	0.140
P5Q3R 0.125	ON P5Q3AV	19.249	0.125	0.125
P5Q3R 0.117	ON P5Q3AX	14.337	0.117	0.117
P5Q3R 0.111	ON P5Q3BQ	18.524	0.111	0.111
P5Q3R 0.164	ON P5Q3CK	26.505	0.164	0.164
P5Q3R 0.109	ON P5Q3DB	15.618	0.109	0.109
P5Q3R 0.105	ON P5Q3BK	11.332	0.105	0.105
P5Q3R 0.120	ON P5Q3CU	13.016	0.120	0.120
P5Q3R 0.107	ON P5Q3DA	12.465	0.107	0.107
P5Q3R 0.112	ON P5Q3AS	14.786	0.112	0.112
P5Q3R 0.125	ON P5Q3AZ	15.619	0.125	0.125
P5Q3S -0.115	ON P5Q3AX	10.427	-0.115	-0.115
P5Q3S -0.127	ON P5Q3BQ	15.080	-0.127	-0.127
P5Q3S -0.124	ON P5Q3DB	12.691	-0.124	-0.124
P5Q3S -0.137	ON P5Q3CU	12.438	-0.137	-0.137
P5Q3S -0.145	ON P5Q3AU	10.739	-0.145	-0.145
P5Q3S -0.136	ON P5Q3BB1	12.545	-0.136	-0.136
P5Q3S -0.145	ON P5Q3BB2	13.615	-0.145	-0.145
P5Q3S -0.153	ON P5Q3BB6	16.973	-0.153	-0.153
P5Q3S -0.138	ON P5Q3BB7	11.139	-0.138	-0.138
P5Q3S 0.284	ON P5Q3T	184.724	0.284	0.284
P5Q3T -0.132	ON P5Q3AX	14.189	-0.132	-0.132
P5Q3T -0.113	ON P5Q3BQ	12.616	-0.113	-0.113
P5Q3T -0.127	ON P5Q3DB	13.399	-0.127	-0.127

P5Q3T -0.122	ON P5Q3CU	10.506	-0.122	-0.122
P5Q3T -0.112	ON P5Q3DA	10.781	-0.112	-0.112
P5Q3T -0.166	ON P5Q3AU	14.486	-0.166	-0.166
P5Q3T -0.126	ON P5Q3BB1	11.347	-0.126	-0.126
P5Q3T -0.145	ON P5Q3BB2	14.496	-0.145	-0.145
P5Q3T -0.154	ON P5Q3BB6	17.881	-0.154	-0.154
P5Q3T 0.284	ON P5Q3S	184.727	0.284	0.284
P5Q3T -0.122	ON P5Q3CF	10.600	-0.122	-0.122
P5Q3U -0.056	ON K6D2AG_R	14.435	-0.056	-0.056
P5Q3U -0.065	ON K6D2AI_R	12.388	-0.065	-0.065
P5Q3U -0.060	ON K6D2D_R	12.378	-0.060	-0.060
P5Q3U -0.057	ON K6D2T_R	11.898	-0.057	-0.057
P5Q3U -0.045	ON K6D2AC_R	11.404	-0.045	-0.045
P5Q3U -0.060	ON K6D2C_R	11.819	-0.060	-0.060
P5Q3U -0.045	ON K6D2N_R	10.906	-0.045	-0.045
P5Q3U -0.057	ON K6D2X_R	12.954	-0.057	-0.057
P5Q3U -0.099	ON P5Q3AB	10.728	-0.099	-0.099
P5Q3U -0.157	ON P5Q3AD	26.984	-0.157	-0.157
P5Q3U -0.125	ON P5Q3AF	20.083	-0.125	-0.125
P5Q3U -0.137	ON P5Q3AH	23.034	-0.137	-0.137
P5Q3U -0.179	ON P5Q3AR	31.660	-0.179	-0.179
P5Q3U -0.162	ON P5Q3AV	30.700	-0.162	-0.162
P5Q3U -0.214	ON P5Q3AX	45.738	-0.214	-0.214
P5Q3U -0.115	ON P5Q3BQ	18.811	-0.115	-0.115
P5Q3U -0.215	ON P5Q3CK	43.517	-0.215	-0.215

P5Q3U -0.127	ON P5Q3DB	19.627	-0.127	-0.127
P5Q3U -0.199	ON P5Q3E	33.469	-0.199	-0.199
P5Q3U -0.203	ON P5Q3A0	41.982	-0.203	-0.203
P5Q3U -0.196	ON P5Q3BK	38.870	-0.196	-0.196
P5Q3U -0.140	ON P5Q3B0	23.799	-0.140	-0.140
P5Q3U -0.194	ON P5Q3CU	33.594	-0.194	-0.194
P5Q3U -0.194	ON P5Q3DA	41.504	-0.194	-0.194
P5Q3U -0.139	ON P5Q3AS	21.879	-0.139	-0.139
P5Q3U -0.203	ON P5Q3AU	30.507	-0.203	-0.203
P5Q3U -0.214	ON P5Q3AZ	46.656	-0.214	-0.214
P5Q3U -0.193	ON P5Q3BB1	33.888	-0.193	-0.193
P5Q3U -0.195	ON P5Q3BB2	35.359	-0.195	-0.195
P5Q3U -0.185	ON P5Q3BB5	26.588	-0.185	-0.185
P5Q3U -0.198	ON P5Q3BB6	38.718	-0.198	-0.198
P5Q3U -0.247	ON P5Q3BB7	44.001	-0.247	-0.247
P5Q3U 0.211	ON P5Q3AA	102.766	0.211	0.211
P5Q3U 0.120	ON P5Q3C	20.904	0.120	0.120
P5Q3U 0.264	ON P5Q3V	164.771	0.264	0.264
P5Q3U -0.149	ON P5Q3CG	19.586	-0.149	-0.149
P5Q3U -0.201	ON P5Q3CI	18.290	-0.201	-0.201
P5Q3V -0.066	ON K6D2AG_R	17.753	-0.066	-0.066
P5Q3V -0.075	ON K6D2AI_R	14.784	-0.075	-0.075
P5Q3V -0.062	ON K6D2D_R	11.994	-0.062	-0.062
P5Q3V -0.066	ON K6D2J_R	12.085	-0.066	-0.066
P5Q3V -0.067	ON K6D2T_R	14.192	-0.067	-0.067

P5Q3V -0.053	ON K6D2AC_R	13.652	-0.053	-0.053
P5Q3V -0.063	ON K6D2C_R	11.471	-0.063	-0.063
P5Q3V -0.053	ON K6D2N_R	12.910	-0.053	-0.053
P5Q3V -0.060	ON K6D2X_R	12.746	-0.060	-0.060
P5Q3V 0.053	ON K6D2B_R	11.105	0.053	0.053
P5Q3V 0.064	ON K6D2K_R	10.804	0.064	0.064
P5Q3V 0.057	ON K6D2L_R	10.065	0.057	0.057
P5Q3V 0.064	ON K6D2O_R	10.714	0.064	0.064
P5Q3V 0.045	ON K6D2S_R	10.364	0.045	0.045
P5Q3V 0.054	ON K6D2AA_R	10.370	0.054	0.054
P5Q3V 0.076	ON K6D2AE_R	11.994	0.076	0.076
P5Q3V -0.221	ON P5Q3M	50.873	-0.221	-0.221
P5Q3V -0.196	ON P5Q3AB	35.992	-0.196	-0.196
P5Q3V -0.239	ON P5Q3AD	53.833	-0.239	-0.239
P5Q3V -0.248	ON P5Q3AF	67.580	-0.248	-0.248
P5Q3V -0.262	ON P5Q3AH	72.951	-0.262	-0.262
P5Q3V -0.210	ON P5Q3AR	40.160	-0.210	-0.210
P5Q3V -0.297	ON P5Q3AV	87.459	-0.297	-0.297
P5Q3V -0.318	ON P5Q3AX	90.550	-0.318	-0.318
P5Q3V -0.245	ON P5Q3BQ	68.016	-0.245	-0.245
P5Q3V -0.300	ON P5Q3CK	79.801	-0.300	-0.300
P5Q3V -0.281	ON P5Q3DB	78.543	-0.281	-0.281
P5Q3V -0.278	ON P5Q3E	56.256	-0.278	-0.278
P5Q3V -0.287	ON P5Q3A0	72.019	-0.287	-0.287
P5Q3V -0.276	ON P5Q3BK	67.842	-0.276	-0.276

P5Q3V -0.218	ON P5Q3B0	51.067	-0.218	-0.218
P5Q3V -0.343	ON P5Q3CU	91.039	-0.343	-0.343
P5Q3V -0.295	ON P5Q3DA	79.737	-0.295	-0.295
P5Q3V -0.228	ON P5Q3AS	52.726	-0.228	-0.228
P5Q3V -0.366	ON P5Q3AU	82.228	-0.366	-0.366
P5Q3V -0.294	ON P5Q3AZ	79.100	-0.294	-0.294
P5Q3V -0.335	ON P5Q3BB1	87.527	-0.335	-0.335
P5Q3V -0.295	ON P5Q3BB2	66.330	-0.295	-0.295
P5Q3V -0.260	ON P5Q3BB5	43.662	-0.260	-0.260
P5Q3V -0.334	ON P5Q3BB6	93.172	-0.334	-0.334
P5Q3V -0.350	ON P5Q3BB7	79.680	-0.350	-0.350
P5Q3V 0.259	ON P5Q3AA	164.725	0.259	0.259
P5Q3V 0.148	ON P5Q3AL	17.202	0.148	0.148
P5Q3V 0.264	ON P5Q3U	164.780	0.264	0.264
P5Q3V 0.149	ON P5Q3AJ	19.762	0.149	0.149
P5Q3V -0.190	ON P5Q3BN	20.789	-0.190	-0.190
P5Q3V -0.118	ON P5Q3CF	11.543	-0.118	-0.118
P5Q3V -0.184	ON P5Q3CG	23.978	-0.184	-0.184
P5Q3V -0.217	ON P5Q3CH	22.696	-0.217	-0.217
P5Q3V -0.229	ON P5Q3CI	20.537	-0.229	-0.229
P5Q3AJ -0.133	ON P5Q3AV	11.731	-0.133	-0.133
P5Q3AJ -0.122	ON P5Q3BQ	11.058	-0.122	-0.122
P5Q3AJ -0.135	ON P5Q3DB	11.298	-0.135	-0.135
P5Q3AJ -0.151	ON P5Q3CU	12.764	-0.151	-0.151
P5Q3AJ -0.161	ON P5Q3BB1	14.995	-0.161	-0.161

P5Q3AJ -0.142	ON P5Q3BB2	10.449	-0.142	-0.142
P5Q3AJ -0.165	ON P5Q3BB6	16.368	-0.165	-0.165
P5Q3AJ 0.176	ON P5Q3AL	18.570	0.176	0.176
P5Q3AJ 0.149	ON P5Q3V	19.764	0.149	0.149
P5Q3AJ -0.187	ON P5Q3CH	11.899	-0.187	-0.187
P5Q3BC 0.114	ON P5Q3CQ	10.065	0.114	0.114
P5Q3BN 0.166	ON P5Q3M	33.264	0.166	0.166
P5Q3BN 0.141	ON P5Q3AF	24.025	0.141	0.141
P5Q3BN 0.107	ON P5Q3AH	11.203	0.107	0.107
P5Q3BN 0.098	ON P5Q3BQ	10.467	0.098	0.098
P5Q3BN 0.141	ON P5Q3CK	17.662	0.141	0.141
P5Q3BN 0.147	ON P5Q3E	15.669	0.147	0.147
P5Q3BN 0.112	ON P5Q3AZ	11.105	0.112	0.112
P5Q3BN -0.190	ON P5Q3V	20.790	-0.190	-0.190
P5Q3BN 0.116	ON P5Q3C0	16.524	0.116	0.116
P5Q3CF 0.098	ON P5Q3BQ	13.959	0.098	0.098
P5Q3CF -0.122	ON P5Q3T	10.604	-0.122	-0.122
P5Q3CF -0.118	ON P5Q3V	11.543	-0.118	-0.118
P5Q3CF 0.112	ON P5Q3CG	18.419	0.112	0.112
P5Q3CF 0.119	ON P5Q3C0	21.947	0.119	0.119
P5Q3CG 0.192	ON P5Q3M	49.012	0.192	0.192
P5Q3CG 0.148	ON P5Q3AB	21.987	0.148	0.148
P5Q3CG 0.166	ON P5Q3AD	27.403	0.166	0.166
P5Q3CG 0.179	ON P5Q3AF	40.679	0.179	0.179
P5Q3CG 0.185	ON P5Q3AH	39.074	0.185	0.185

P5Q3CG 0.213	ON P5Q3AR	46.646	0.213	0.213
P5Q3CG 0.194	ON P5Q3AV	46.333	0.194	0.194
P5Q3CG 0.216	ON P5Q3AX	47.095	0.216	0.216
P5Q3CG 0.165	ON P5Q3BQ	38.170	0.165	0.165
P5Q3CG 0.251	ON P5Q3CK	63.740	0.251	0.251
P5Q3CG 0.157	ON P5Q3DB	28.810	0.157	0.157
P5Q3CG 0.201	ON P5Q3E	35.321	0.201	0.201
P5Q3CG 0.204	ON P5Q3A0	44.714	0.204	0.204
P5Q3CG 0.215	ON P5Q3BK	49.807	0.215	0.215
P5Q3CG 0.208	ON P5Q3B0	61.328	0.208	0.208
P5Q3CG 0.213	ON P5Q3CU	40.747	0.213	0.213
P5Q3CG 0.215	ON P5Q3DA	55.377	0.215	0.215
P5Q3CG 0.175	ON P5Q3AS	32.939	0.175	0.175
P5Q3CG 0.207	ON P5Q3AU	28.293	0.207	0.207
P5Q3CG 0.211	ON P5Q3AZ	47.858	0.211	0.211
P5Q3CG 0.185	ON P5Q3BB1	30.364	0.185	0.185
P5Q3CG 0.181	ON P5Q3BB2	29.743	0.181	0.181
P5Q3CG 0.188	ON P5Q3BB5	25.723	0.188	0.188
P5Q3CG 0.174	ON P5Q3BB6	29.772	0.174	0.174
P5Q3CG 0.219	ON P5Q3BB7	33.052	0.219	0.219
P5Q3CG -0.157	ON P5Q3AA	21.972	-0.157	-0.157
P5Q3CG -0.149	ON P5Q3U	19.577	-0.149	-0.149
P5Q3CG -0.184	ON P5Q3V	23.975	-0.184	-0.184
P5Q3CG 0.112	ON P5Q3CF	18.422	0.112	0.112
P5Q3CG 0.108	ON P5Q3CH	10.463	0.108	0.108

P5Q3CH -0.098	ON K6D2A_R	13.169	-0.098	-0.098
P5Q3CH -0.081	ON K6D2P_R	14.680	-0.081	-0.081
P5Q3CH -0.093	ON K6D2R_R	13.547	-0.093	-0.093
P5Q3CH -0.084	ON K6D2Z_R	11.922	-0.084	-0.084
P5Q3CH -0.086	ON K6D2AB_R	12.584	-0.086	-0.086
P5Q3CH -0.070	ON K6D2AJ_R	11.785	-0.070	-0.070
P5Q3CH -0.069	ON K6D61C	11.413	-0.069	-0.069
P5Q3CH -0.094	ON K6D61D	16.297	-0.094	-0.094
P5Q3CH -0.091	ON K6D61E	12.103	-0.091	-0.091
P5Q3CH -0.071	ON K6D61K	11.859	-0.071	-0.071
P5Q3CH -0.109	ON K6D61L	15.148	-0.109	-0.109
P5Q3CH -0.100	ON K6D61M	10.312	-0.100	-0.100
P5Q3CH -0.097	ON K6F68_R	12.037	-0.097	-0.097
P5Q3CH -0.070	ON K6D2B_R	13.873	-0.070	-0.070
P5Q3CH -0.080	ON K6D2F_R	15.652	-0.080	-0.080
P5Q3CH -0.100	ON K6D2I_R	15.880	-0.100	-0.100
P5Q3CH -0.079	ON K6D2K_R	12.094	-0.079	-0.079
P5Q3CH -0.078	ON K6D2L_R	14.141	-0.078	-0.078
P5Q3CH -0.075	ON K6D2M_R	11.097	-0.075	-0.075
P5Q3CH -0.088	ON K6D2O_R	14.155	-0.088	-0.088
P5Q3CH -0.061	ON K6D2S_R	14.064	-0.061	-0.061
P5Q3CH -0.094	ON K6D2V_R	17.367	-0.094	-0.094
P5Q3CH -0.068	ON K6D2W_R	10.568	-0.068	-0.068
P5Q3CH -0.072	ON K6D2Y_R	11.435	-0.072	-0.072
P5Q3CH -0.073	ON K6D2AA_R	14.239	-0.073	-0.073

P5Q3CH -0.079	ON K6D2AF_R	11.992	-0.079	-0.079
P5Q3CH -0.094	ON K6D2AH_R	12.542	-0.094	-0.094
P5Q3CH 0.305	ON P5Q3M	94.018	0.305	0.305
P5Q3CH 0.257	ON P5Q3AB	53.183	0.257	0.257
P5Q3CH 0.305	ON P5Q3AD	73.670	0.305	0.305
P5Q3CH 0.303	ON P5Q3AF	95.115	0.303	0.303
P5Q3CH 0.337	ON P5Q3AH	118.131	0.337	0.337
P5Q3CH 0.326	ON P5Q3AR	80.384	0.326	0.326
P5Q3CH 0.326	ON P5Q3AV	107.687	0.326	0.326
P5Q3CH 0.349	ON P5Q3AX	115.278	0.349	0.349
P5Q3CH 0.279	ON P5Q3BQ	80.328	0.279	0.279
P5Q3CH 0.382	ON P5Q3CK	121.586	0.382	0.382
P5Q3CH 0.288	ON P5Q3DB	75.055	0.288	0.288
P5Q3CH 0.316	ON P5Q3E	62.176	0.316	0.316
P5Q3CH 0.289	ON P5Q3A0	65.502	0.289	0.289
P5Q3CH 0.331	ON P5Q3BK	93.929	0.331	0.331
P5Q3CH 0.283	ON P5Q3B0	73.480	0.283	0.283
P5Q3CH 0.356	ON P5Q3CU	99.814	0.356	0.356
P5Q3CH 0.324	ON P5Q3DA	94.621	0.324	0.324
P5Q3CH 0.294	ON P5Q3AS	71.292	0.294	0.294
P5Q3CH 0.362	ON P5Q3AU	72.829	0.362	0.362
P5Q3CH 0.338	ON P5Q3AZ	100.527	0.338	0.338
P5Q3CH 0.339	ON P5Q3BB1	86.558	0.339	0.339
P5Q3CH 0.298	ON P5Q3BB2	62.273	0.298	0.298
P5Q3CH 0.283	ON P5Q3BB5	44.587	0.283	0.283

P5Q3CH 0.291	ON P5Q3BB6	68.242	0.291	0.291
P5Q3CH 0.360	ON P5Q3BB7	78.291	0.360	0.360
P5Q3CH -0.177	ON P5Q3AA	18.460	-0.177	-0.177
P5Q3CH -0.176	ON P5Q30	12.415	-0.176	-0.176
P5Q3CH -0.217	ON P5Q3V	22.693	-0.217	-0.217
P5Q3CH -0.187	ON P5Q3AJ	11.900	-0.187	-0.187
P5Q3CH 0.108	ON P5Q3CG	10.463	0.108	0.108
P5Q3CI 0.266	ON P5Q3M	52.498	0.266	0.266
P5Q3CI 0.288	ON P5Q3AB	55.131	0.288	0.288
P5Q3CI 0.322	ON P5Q3AD	76.249	0.322	0.322
P5Q3CI 0.279	ON P5Q3AF	61.765	0.279	0.279
P5Q3CI 0.314	ON P5Q3AH	75.108	0.314	0.314
P5Q3CI 0.323	ON P5Q3AR	70.119	0.323	0.323
P5Q3CI 0.308	ON P5Q3AV	79.434	0.308	0.308
P5Q3CI 0.336	ON P5Q3AX	89.241	0.336	0.336
P5Q3CI 0.281	ON P5Q3BQ	66.627	0.281	0.281
P5Q3CI 0.360	ON P5Q3CK	90.398	0.360	0.360
P5Q3CI 0.254	ON P5Q3DB	44.902	0.254	0.254
P5Q3CI 0.330	ON P5Q3E	59.726	0.330	0.330
P5Q3CI 0.308	ON P5Q3A0	66.688	0.308	0.308
P5Q3CI 0.322	ON P5Q3BK	76.241	0.322	0.322
P5Q3CI 0.293	ON P5Q3B0	72.783	0.293	0.293
P5Q3CI 0.356	ON P5Q3CU	88.434	0.356	0.356
P5Q3CI 0.313	ON P5Q3DA	77.999	0.313	0.313
P5Q3CI 0.262	ON P5Q3AS	48.515	0.262	0.262

P5Q3CI	ON P5Q3AU	64.062	0.361	0.361
0.361				
P5Q3CI	ON P5Q3AZ	78.835	0.327	0.327
0.327				
P5Q3CI	ON P5Q3BB1	61.838	0.315	0.315
0.315				
P5Q3CI	ON P5Q3BB2	41.653	0.268	0.268
0.268				
P5Q3CI	ON P5Q3BB5	41.491	0.291	0.291
0.291				
P5Q3CI	ON P5Q3BB6	52.149	0.282	0.282
0.282				
P5Q3CI	ON P5Q3BB7	74.396	0.372	0.372
0.372				
P5Q3CI	ON P5Q3AA	23.361	-0.222	-0.222
-0.222				
P5Q3CI	ON P5Q3C	12.967	-0.173	-0.173
-0.173				
P5Q3CI	ON P5Q3U	18.275	-0.200	-0.200
-0.200				
P5Q3CI	ON P5Q3V	20.527	-0.229	-0.229
-0.229				
P5Q3C0	ON P5Q3AD	12.915	-0.116	-0.116
-0.116				
P5Q3C0	ON P5Q3AZ	11.443	-0.111	-0.111
-0.111				
P5Q3C0	ON P5Q3BN	16.520	0.116	0.116
0.116				
P5Q3C0	ON P5Q3CF	21.943	0.119	0.119
0.119				
P5Q3CQ	ON P5Q3BC	10.066	0.114	0.114
0.114				

WITH Statements

K6B1C_R	WITH EXTERN	12.819	-0.065	-0.065
-0.103				
K5E1B	WITH SC9	10.019	0.169	0.169
0.211				
K5E1B	WITH K5E1A	18.718	0.148	0.148
0.255				
K5E1D	WITH SC9	10.931	-0.208	-0.208
-0.308				
K6D2AG_R	WITH INTERNAL	29.753	0.113	0.113
0.173				
K6D2AG_R	WITH EXTERN	14.957	-0.061	-0.061
-0.094				
K6D2AG_R	WITH EXCBCL	16.237	-0.052	-0.052
-0.080				
K6D2AI_R	WITH INTERNAL	30.293	0.115	0.115

0.140			
K6D2AI_R WITH PAF	16.244	0.061	0.061
0.074			
K6D2AI_R WITH K6D2AG_R	23.494	0.113	0.113
0.213			
K6D2D_R WITH INTERNAL	30.092	0.117	0.117
0.153			
K6D2D_R WITH PAF	44.592	0.103	0.103
0.135			
K6D2J_R WITH INTERNAL	14.871	0.077	0.077
0.095			
K6D2J_R WITH EXTERN	10.054	0.046	0.046
0.056			
K6D2J_R WITH PAF	27.709	0.076	0.076
0.093			
K6D2T_R WITH INTERNAL	42.987	0.142	0.142
0.192			
K6D2T_R WITH PAF	30.110	0.086	0.086
0.117			
K6D2T_R WITH K6D2AG_R	61.288	0.175	0.175
0.364			
K6D2T_R WITH K6D2AI_R	16.716	0.107	0.107
0.176			
K6D2T_R WITH K6D2D_R	42.264	0.160	0.160
0.282			
K6D2AC_R WITH SC15	13.409	-0.091	-0.091
-0.185			
K6D2AC_R WITH INTERNAL	50.420	-0.153	-0.153
-0.310			
K6D2AC_R WITH PAF	69.802	-0.124	-0.124
-0.252			
K6D2AC_R WITH K6D2D_R	11.223	-0.097	-0.097
-0.256			
K6D2AK_R WITH INTERNAL	33.938	-0.123	-0.123
-0.149			
K6D2AK_R WITH EXTERN	243.300	0.226	0.226
0.273			
K6D2AK_R WITH PAF	71.155	0.129	0.129
0.156			
K6D2AK_R WITH EXCBCL	62.068	0.095	0.095
0.115			
K6D2AK_R WITH K6D2AC_R	16.327	-0.125	-0.125
-0.306			
K6D2C_R WITH EXTERN	26.980	0.077	0.077
0.096			
K6D2C_R WITH PAF	19.642	0.065	0.065
0.081			
K6D2C_R WITH K6D2D_R	25.654	0.124	0.124
0.203			
K6D2C_R WITH K6D2J_R	16.918	0.096	0.096

0.147				
K6D2N_R	WITH INTERNAL	13.260	-0.075	-0.075
-0.136				
K6D2N_R	WITH EXTERN	47.661	-0.112	-0.112
-0.203				
K6D2N_R	WITH PAF	66.487	-0.116	-0.116
-0.210				
K6D2N_R	WITH K6D2AK_R	10.433	-0.092	-0.092
-0.201				
K6D2X_R	WITH INTERNAL	66.724	-0.193	-0.193
-0.295				
K6D2X_R	WITH EXTERN	15.312	-0.077	-0.077
-0.117				
K6D2X_R	WITH PAF	117.061	-0.173	-0.173
-0.265				
K6D2A_R	WITH INTERNAL	36.218	0.090	0.090
0.104				
K6D2A_R	WITH K6D2D_R	17.792	0.120	0.120
0.180				
K6D2A_R	WITH K6D2J_R	10.862	0.084	0.084
0.119				
K6D2A_R	WITH K6D2AK_R	23.369	0.132	0.132
0.185				
K6D2A_R	WITH K6D2C_R	37.028	0.153	0.153
0.221				
K6D2P_R	WITH INTERNAL	30.681	0.082	0.082
0.115				
K6D2P_R	WITH EXCBCL	14.091	-0.046	-0.046
-0.064				
K6D2P_R	WITH K6D2J_R	10.163	0.079	0.079
0.136				
K6D2P_R	WITH K6D2AK_R	43.146	0.167	0.167
0.283				
K6D2P_R	WITH K6D2C_R	11.271	0.086	0.086
0.151				
K6D2P_R	WITH K6D2A_R	15.695	0.091	0.091
0.148				
K6D2R_R	WITH INTERNAL	188.479	0.198	0.198
0.237				
K6D2R_R	WITH EXTERN	61.712	-0.186	-0.186
-0.222				
K6D2R_R	WITH EXCBCL	21.817	-0.056	-0.056
-0.067				
K6D2R_R	WITH K6D2AG_R	14.179	0.103	0.103
0.190				
K6D2R_R	WITH K6D2AI_R	19.218	0.121	0.121
0.177				
K6D2R_R	WITH K6D2D_R	23.869	0.137	0.137
0.214				
K6D2R_R	WITH K6D2J_R	20.863	0.113	0.113

0.165				
K6D2R_R	WITH K6D2T_R	32.193	0.161	0.161
0.260				
K6D2R_R	WITH K6D2AK_R	47.078	0.177	0.177
0.255				
K6D2R_R	WITH K6D2C_R	53.044	0.178	0.178
0.266				
K6D2R_R	WITH K6D2A_R	16.010	0.094	0.094
0.130				
K6D2R_R	WITH K6D2P_R	17.784	0.093	0.093
0.156				
K6D2Z_R	WITH SC15	12.917	0.081	0.081
0.099				
K6D2Z_R	WITH INTERNAL	34.058	0.086	0.086
0.106				
K6D2Z_R	WITH PAF	57.124	0.103	0.103
0.126				
K6D2Z_R	WITH K6D2J_R	11.465	0.084	0.084
0.127				
K6D2Z_R	WITH K6D2AK_R	36.661	0.158	0.158
0.233				
K6D2Z_R	WITH K6D2C_R	27.141	0.133	0.133
0.204				
K6D2Z_R	WITH K6D2A_R	30.131	0.124	0.124
0.175				
K6D2Z_R	WITH K6D2P_R	38.349	0.132	0.132
0.226				
K6D2Z_R	WITH K6D2R_R	51.816	0.154	0.154
0.224				
K6D2AB_R	WITH INTERNAL	37.152	0.090	0.090
0.111				
K6D2AB_R	WITH PAF	15.861	0.054	0.054
0.066				
K6D2AB_R	WITH K6D2AK_R	42.519	0.169	0.169
0.251				
K6D2AB_R	WITH K6D2P_R	26.910	0.113	0.113
0.196				
K6D2AB_R	WITH K6D2Z_R	24.301	0.111	0.111
0.168				
K6D2AJ_R	WITH INTERNAL	34.420	0.089	0.089
0.134				
K6D2AJ_R	WITH EXTERN	63.342	-0.198	-0.198
-0.298				
K6D2AJ_R	WITH PAF	14.228	-0.053	-0.053
-0.080				
K6D2AJ_R	WITH K6D2AK_R	150.891	0.283	0.283
0.514				
K6D2AJ_R	WITH K6D2P_R	21.247	0.099	0.099
0.208				
K6D2AJ_R	WITH K6D2AB_R	23.917	0.111	0.111

0.206				
K6D61C	WITH INTERNAL	99.711	-0.254	-0.254
-0.501				
K6D61C	WITH EXTERN	62.916	0.303	0.303
0.598				
K6D61C	WITH K6D2AG_R	10.653	-0.165	-0.165
-0.502				
K6D61C	WITH K6D2J_R	16.558	-0.197	-0.197
-0.477				
K6D61C	WITH K6D2T_R	15.883	-0.210	-0.210
-0.561				
K6D61C	WITH K6D2N_R	13.496	-0.189	-0.189
-0.675				
K6D61C	WITH K6D2A_R	22.903	-0.241	-0.241
-0.551				
K6D61C	WITH K6D2P_R	65.830	-0.396	-0.396
-1.096				
K6D61C	WITH K6D2R_R	45.602	-0.350	-0.350
-0.826				
K6D61C	WITH K6D2Z_R	39.617	-0.343	-0.343
-0.828				
K6D61C	WITH K6D2AB_R	48.349	-0.336	-0.336
-0.817				
K6D61C	WITH K6D2AJ_R	63.923	-0.375	-0.375
-1.114				
K6D61D	WITH INTERNAL	65.397	-0.150	-0.150
-0.200				
K6D61D	WITH EXTERN	28.108	0.153	0.153
0.204				
K6D61D	WITH PAF	28.501	0.087	0.087
0.116				
K6D61D	WITH EXCBCL	23.399	0.068	0.068
0.090				
K6D61D	WITH K6D2AG_R	16.778	-0.149	-0.149
-0.307				
K6D61D	WITH K6D2T_R	13.196	-0.138	-0.138
-0.249				
K6D61D	WITH K6D2N_R	15.395	-0.144	-0.144
-0.348				
K6D61D	WITH K6D2A_R	10.848	-0.114	-0.114
-0.176				
K6D61D	WITH K6D2P_R	30.783	-0.183	-0.183
-0.341				
K6D61D	WITH K6D2R_R	38.618	-0.215	-0.215
-0.343				
K6D61D	WITH K6D2Z_R	16.067	-0.140	-0.140
-0.229				
K6D61D	WITH K6D2AB_R	11.628	-0.113	-0.113
-0.186				
K6D61D	WITH K6D2AJ_R	14.675	-0.125	-0.125

-0.251				
K6D61E	WITH INTERNAL	63.123	-0.187	-0.187
-0.245				
K6D61E	WITH EXTERN	14.850	0.139	0.139
0.182				
K6D61E	WITH PAF	13.981	0.078	0.078
0.102				
K6D61E	WITH EXCBCL	28.040	0.093	0.093
0.122				
K6D61E	WITH K6D2AG_R	16.346	-0.190	-0.190
-0.384				
K6D61E	WITH K6D2T_R	10.157	-0.157	-0.157
-0.278				
K6D61E	WITH K6D2N_R	15.520	-0.191	-0.191
-0.452				
K6D61E	WITH K6D2P_R	15.476	-0.169	-0.169
-0.310				
K6D61E	WITH K6D2R_R	53.041	-0.330	-0.330
-0.516				
K6D61E	WITH K6D2Z_R	11.265	-0.152	-0.152
-0.243				
K6D61E	WITH K6D2AB_R	11.253	-0.142	-0.142
-0.229				
K6D61E	WITH K6D2AJ_R	13.330	-0.151	-0.151
-0.297				
K6D61E	WITH K6D61D	330.771	0.484	0.484
0.845				
K6D61K	WITH INTERNAL	132.896	-0.291	-0.291
-0.547				
K6D61K	WITH EXTERN	83.933	0.343	0.343
0.646				
K6D61K	WITH INCBCL	11.582	-0.081	-0.081
-0.153				
K6D61K	WITH K6D2AG_R	15.128	-0.197	-0.197
-0.572				
K6D61K	WITH K6D2AI_R	10.441	-0.170	-0.170
-0.391				
K6D61K	WITH K6D2D_R	12.202	-0.178	-0.178
-0.436				
K6D61K	WITH K6D2J_R	14.701	-0.184	-0.184
-0.426				
K6D61K	WITH K6D2T_R	21.841	-0.242	-0.242
-0.616				
K6D61K	WITH K6D2AC_R	12.377	-0.185	-0.185
-0.709				
K6D61K	WITH K6D2N_R	17.733	-0.214	-0.214
-0.730				
K6D61K	WITH K6D2A_R	24.939	-0.242	-0.242
-0.526				
K6D61K	WITH K6D2P_R	65.185	-0.374	-0.374

-0.989				
K6D61K	WITH K6D2R_R	51.559	-0.370	-0.370
-0.833				
K6D61K	WITH K6D2Z_R	43.866	-0.366	-0.366
-0.841				
K6D61K	WITH K6D2AB_R	45.747	-0.323	-0.323
-0.749				
K6D61K	WITH K6D2AJ_R	64.060	-0.374	-0.374
-1.060				
K6D61K	WITH K6D61C	632.450	0.653	0.653
2.427				
K6D61L	WITH INTERNAL	51.036	-0.156	-0.156
-0.191				
K6D61L	WITH EXTERN	41.994	0.219	0.219
0.269				
K6D61L	WITH PAF	27.711	0.101	0.101
0.124				
K6D61L	WITH EXCBCL	10.491	0.054	0.054
0.067				
K6D61L	WITH K6D2AG_R	11.958	-0.149	-0.149
-0.282				
K6D61L	WITH K6D2T_R	22.850	-0.218	-0.218
-0.362				
K6D61L	WITH K6D2N_R	12.385	-0.153	-0.153
-0.341				
K6D61L	WITH K6D2P_R	12.012	-0.136	-0.136
-0.234				
K6D61L	WITH K6D2R_R	23.382	-0.200	-0.200
-0.293				
K6D61L	WITH K6D2Z_R	14.090	-0.156	-0.156
-0.235				
K6D61L	WITH K6D61D	221.412	0.415	0.415
0.680				
K6D61L	WITH K6D61E	51.301	0.286	0.286
0.459				
K6D61M	WITH PAF	67.158	-0.129	-0.129
-0.146				
K6D61M	WITH EXCBCL	10.053	-0.045	-0.045
-0.051				
K6D61M	WITH K6D2A_R	11.856	-0.116	-0.116
-0.151				
K6D61M	WITH K6D2R_R	10.935	-0.114	-0.114
-0.154				
K6D61M	WITH K6D2Z_R	10.896	-0.118	-0.118
-0.162				
K6D40_R	WITH INTERNAL	13.430	-0.104	-0.104
-0.136				
K6D40_R	WITH EXTERN	17.923	-0.184	-0.184
-0.241				
K6D40_R	WITH PAF	20.451	-0.111	-0.111

-0.145				
K6D40_R	WITH INCBCL	14.492	0.102	0.102
0.133				
K6D40_R	WITH EXCBCL	40.369	0.134	0.134
0.175				
K6D40_R	WITH K6D2A_R	22.097	-0.262	-0.262
-0.396				
K6D40_R	WITH K6D2P_R	19.974	-0.244	-0.244
-0.446				
K6D40_R	WITH K6D2R_R	24.878	-0.276	-0.276
-0.431				
K6D40_R	WITH K6D2Z_R	22.153	-0.291	-0.291
-0.464				
K6D40_R	WITH K6D2AB_R	16.016	-0.215	-0.215
-0.345				
K6D40_R	WITH K6D2AJ_R	21.678	-0.242	-0.242
-0.474				
K6D48_R	WITH PAF	12.087	-0.064	-0.064
-0.078				
K6D48_R	WITH EXCBCL	19.679	-0.074	-0.074
-0.090				
K6D48_R	WITH K6D2A_R	17.826	-0.174	-0.174
-0.243				
K6D48_R	WITH K6D2P_R	17.346	-0.166	-0.166
-0.280				
K6D48_R	WITH K6D2R_R	27.820	-0.221	-0.221
-0.319				
K6D48_R	WITH K6D2Z_R	28.520	-0.226	-0.226
-0.333				
K6D48_R	WITH K6D2AB_R	11.666	-0.136	-0.136
-0.202				
K6D48_R	WITH K6D2AJ_R	23.466	-0.196	-0.196
-0.354				
K6D48_R	WITH K6D40_R	45.289	0.321	0.321
0.505				
K6F63_R	WITH SC15	16.674	-0.117	-0.117
-0.147				
K6F63_R	WITH INTERNAL	33.495	-0.117	-0.117
-0.147				
K6F63_R	WITH K6B1C_R	12.019	-0.134	-0.134
-0.267				
K6F63_R	WITH K6D2T_R	11.394	-0.141	-0.141
-0.239				
K6F63_R	WITH K6D2A_R	23.776	-0.188	-0.188
-0.274				
K6F63_R	WITH K6D2P_R	31.201	-0.206	-0.206
-0.363				
K6F63_R	WITH K6D2R_R	36.703	-0.234	-0.234
-0.352				
K6F63_R	WITH K6D2Z_R	26.902	-0.204	-0.204

-0.313				
K6F63_R	WITH K6D2AB_R	17.488	-0.154	-0.154
-0.239				
K6F63_R	WITH K6D2AJ_R	28.253	-0.201	-0.201
-0.380				
K6F63_R	WITH K6D40_R	66.770	0.358	0.358
0.587				
K6F63_R	WITH K6D48_R	190.511	0.437	0.437
0.662				
K6F68_R	WITH PAF	12.278	-0.133	-0.133
-0.179				
K6F68_R	WITH K6D2R_R	12.073	-0.304	-0.304
-0.488				
K6F68_R	WITH K6D40_R	13.739	0.276	0.276
0.484				
K6F68_R	WITH K6D48_R	18.978	0.312	0.312
0.506				
K6F74_R	WITH K6D2P_R	14.487	-0.296	-0.296
-0.555				
K6F74_R	WITH K6D40_R	13.504	0.261	0.261
0.456				
K6F74_R	WITH K6D48_R	25.333	0.324	0.324
0.523				
K6F74_R	WITH K6F68_R	49.702	0.447	0.447
0.804				
K6D2B_R	WITH INTERNAL	98.316	-0.158	-0.158
-0.243				
K6D2B_R	WITH PAF	98.675	-0.230	-0.230
-0.354				
K6D2B_R	WITH K6D2AC_R	29.490	-0.152	-0.152
-0.475				
K6D2B_R	WITH K6D2N_R	27.043	-0.141	-0.141
-0.395				
K6D2B_R	WITH K6D2X_R	86.195	-0.252	-0.252
-0.594				
K6D2F_R	WITH K6D2AK_R	11.195	0.105	0.105
0.171				
K6D2G_R	WITH SC15	40.517	0.175	0.175
0.195				
K6D2G_R	WITH INTERNAL	21.518	0.095	0.095
0.107				
K6D2G_R	WITH K6B1A_R	40.755	0.219	0.219
0.325				
K6D2I_R	WITH INTERNAL	72.792	0.137	0.137
0.158				
K6D2I_R	WITH EXTERN	83.956	-0.132	-0.132
-0.152				
K6D2I_R	WITH PAF	13.131	0.081	0.081
0.093				
K6D2I_R	WITH K6D2J_R	17.453	0.119	0.119

0.170				
K6D2I_R	WITH K6D2C_R	19.467	0.131	0.131
0.190				
K6D2I_R	WITH K6D2P_R	14.920	-0.106	-0.106
-0.173				
K6D2I_R	WITH K6D2AJ_R	37.842	-0.168	-0.168
-0.294				
K6D2I_R	WITH K6D61K	11.637	-0.153	-0.153
-0.335				
K6D2I_R	WITH K6D61M	28.948	-0.183	-0.183
-0.239				
K6D2I_R	WITH K6D40_R	11.976	-0.177	-0.177
-0.268				
K6D2I_R	WITH K6D2B_R	11.682	-0.117	-0.117
-0.209				
K6D2K_R	WITH SC15	18.088	-0.100	-0.100
-0.122				
K6D2K_R	WITH INTERNAL	37.061	0.097	0.097
0.118				
K6D2K_R	WITH PAF	55.311	0.165	0.165
0.202				
K6D2K_R	WITH K6B1D_R	10.542	-0.115	-0.115
-0.183				
K6D2K_R	WITH K6D2D_R	11.224	0.108	0.108
0.171				
K6D2K_R	WITH K6D2J_R	15.126	0.115	0.115
0.171				
K6D2K_R	WITH K6D2C_R	18.379	0.130	0.130
0.198				
K6D2K_R	WITH K6D61D	17.715	0.150	0.150
0.243				
K6D2K_R	WITH K6D61E	12.438	0.168	0.168
0.268				
K6D2K_R	WITH K6D61L	18.421	0.180	0.180
0.270				
K6D2K_R	WITH K6D2B_R	14.758	-0.127	-0.127
-0.239				
K6D2K_R	WITH K6D2I_R	57.138	0.184	0.184
0.260				
K6D2L_R	WITH PAF	17.719	-0.122	-0.122
-0.175				
K6D2L_R	WITH K6D2X_R	14.191	-0.151	-0.151
-0.331				
K6D2M_R	WITH SC15	10.661	-0.078	-0.078
-0.096				
K6D2M_R	WITH INTERNAL	58.192	0.123	0.123
0.153				
K6D2M_R	WITH EXTERN	10.374	-0.048	-0.048
-0.060				
K6D2M_R	WITH PAF	48.972	0.158	0.158

0.196				
K6D2M_R	WITH K6D2AI_R	12.811	0.113	0.113
0.172				
K6D2M_R	WITH K6D2C_R	16.125	0.123	0.123
0.192				
K6D2M_R	WITH K6D61D	12.967	0.130	0.130
0.215				
K6D2M_R	WITH K6D61M	14.425	-0.134	-0.134
-0.187				
K6D2M_R	WITH K6D2B_R	17.920	-0.142	-0.142
-0.273				
K6D2M_R	WITH K6D2I_R	62.111	0.193	0.193
0.277				
K6D2M_R	WITH K6D2K_R	348.908	0.363	0.363
0.550				
K6D20_R	WITH K6D2X_R	16.002	-0.136	-0.136
-0.253				
K6D2S_R	WITH INTERNAL	143.871	-0.177	-0.177
-0.365				
K6D2S_R	WITH PAF	119.227	-0.238	-0.238
-0.489				
K6D2S_R	WITH K6D2AC_R	82.720	-0.208	-0.208
-0.871				
K6D2S_R	WITH K6D2N_R	68.404	-0.191	-0.191
-0.711				
K6D2S_R	WITH K6D2X_R	28.486	-0.142	-0.142
-0.446				
K6D2S_R	WITH K6D2I_R	11.448	-0.105	-0.105
-0.252				
K6D2S_R	WITH K6D2K_R	29.198	-0.167	-0.167
-0.420				
K6D2S_R	WITH K6D2M_R	34.757	-0.183	-0.183
-0.467				
K6D2V_R	WITH INTERNAL	28.199	0.090	0.090
0.112				
K6D2V_R	WITH EXTERN	17.130	-0.066	-0.066
-0.082				
K6D2V_R	WITH PAF	12.320	0.083	0.083
0.103				
K6D2V_R	WITH K6D2J_R	13.024	0.116	0.116
0.177				
K6D2V_R	WITH K6D2P_R	17.231	-0.123	-0.123
-0.214				
K6D2V_R	WITH K6D2AJ_R	12.163	-0.108	-0.108
-0.201				
K6D2V_R	WITH K6D61M	10.022	-0.116	-0.116
-0.163				
K6D2V_R	WITH K6D2B_R	14.504	-0.134	-0.134
-0.258				
K6D2V_R	WITH K6D2I_R	70.013	0.207	0.207

0.298				
K6D2V_R WITH K6D2K_R	34.684	0.155	0.155	
0.235				
K6D2V_R WITH K6D2M_R	30.728	0.144	0.144	
0.222				
K6D2V_R WITH K6D2S_R	24.571	-0.153	-0.153	
-0.392				
K6D2W_R WITH SC15	16.222	-0.095	-0.095	
-0.126				
K6D2W_R WITH PAF	16.659	0.091	0.091	
0.120				
K6D2W_R WITH K6D20_R	13.200	0.093	0.093	
0.150				
K6D2W_R WITH K6D2V_R	12.190	0.096	0.096	
0.157				
K6D2Y_R WITH K6D2K_R	10.285	-0.110	-0.110	
-0.177				
K6D2Y_R WITH K6D2L_R	12.496	0.122	0.122	
0.232				
K6D2AA_R WITH SC15	17.496	0.098	0.098	
0.141				
K6D2AA_R WITH EXTERN	20.130	0.075	0.075	
0.107				
K6D2AA_R WITH K6B1A_R	15.425	0.119	0.119	
0.226				
K6D2AA_R WITH K6D2AC_R	10.215	-0.093	-0.093	
-0.270				
K6D2AA_R WITH K6D2AK_R	12.777	0.122	0.122	
0.211				
K6D2AA_R WITH K6D2Z_R	12.040	0.116	0.116	
0.204				
K6D2AA_R WITH K6D2K_R	13.590	-0.113	-0.113	
-0.197				
K6D2AA_R WITH K6D2M_R	14.630	-0.118	-0.118	
-0.210				
K6D2AE_R WITH INTERNAL	40.833	0.098	0.098	
0.111				
K6D2AE_R WITH EXTERN	64.531	0.116	0.116	
0.131				
K6D2AE_R WITH PAF	123.035	0.237	0.237	
0.268				
K6D2AE_R WITH K6D2A_R	11.382	0.093	0.093	
0.122				
K6D2AE_R WITH K6D2R_R	10.893	0.088	0.088	
0.119				
K6D2AE_R WITH K6D2Z_R	28.851	0.143	0.143	
0.197				
K6D2AE_R WITH K6D2AB_R	26.688	0.140	0.140	
0.196				
K6D2AE_R WITH K6D61D	11.781	0.121	0.121	

0.183			
K6D2AE_R WITH K6D61L	10.451	0.139	0.139
0.193			
K6D2AE_R WITH K6D20_R	11.258	0.087	0.087
0.120			
K6D2AE_R WITH K6D2W_R	40.209	0.153	0.153
0.228			
K6D2AF_R WITH K6D2G_R	17.369	0.161	0.161
0.228			
K6D2AF_R WITH K6D2Y_R	39.523	0.191	0.191
0.320			
P5Q3M WITH INCBCL	115.049	-0.243	-0.243
-0.321			
P5Q3M WITH EXCBCL	106.853	0.175	0.175
0.232			
P5Q3AF WITH INCBCL	19.735	-0.105	-0.105
-0.156			
P5Q3AF WITH EXCBCL	16.363	0.072	0.072
0.107			
P5Q3AH WITH P5Q3AF	13.760	0.148	0.148
0.375			
P5Q3AV WITH P5Q3AB	22.915	0.186	0.186
0.293			
P5Q3CK WITH INCBCL	26.452	-0.173	-0.173
-0.329			
P5Q3CK WITH EXCBCL	30.064	0.138	0.138
0.263			
P5Q3DB WITH EXTERN	20.490	-0.081	-0.081
-0.096			
P5Q3DB WITH INCBCL	13.500	0.077	0.077
0.091			
P5Q3DB WITH P5Q3AV	19.991	0.166	0.166
0.278			
P5Q3DB WITH P5Q3BQ	20.524	0.140	0.140
0.207			
P5Q3E WITH P5Q3DB	18.785	-0.195	-0.195
-0.265			
P5Q3A0 WITH SC9	10.016	-0.102	-0.102
-0.127			
P5Q3BK WITH P5Q3A0	10.487	0.141	0.141
0.230			
P5Q3B0 WITH EXTERN	38.511	0.122	0.122
0.159			
P5Q3B0 WITH INCBCL	48.674	-0.155	-0.155
-0.202			
P5Q3B0 WITH EXCBCL	28.019	0.088	0.088
0.115			
P5Q3B0 WITH P5Q3AF	14.053	-0.180	-0.180
-0.348			
P5Q3DA WITH INTERNAL	12.332	0.088	0.088

0.126				
P5Q3DA	WITH EXTERN	10.077	0.077	0.077
0.110				
P5Q3DA	WITH P5Q3A0	38.033	0.238	0.238
0.425				
P5Q3AZ	WITH P5Q3CU	24.398	0.220	0.220
0.423				
P5Q3BB1	WITH INCBCL	34.989	0.153	0.153
0.197				
P5Q3BB1	WITH EXCBCL	38.346	-0.120	-0.120
-0.156				
P5Q3BB2	WITH INCBCL	44.646	0.153	0.153
0.177				
P5Q3BB2	WITH EXCBCL	40.220	-0.109	-0.109
-0.127				
P5Q3BB2	WITH P5Q3BB1	118.173	0.374	0.374
0.560				
P5Q3BB5	WITH P5Q3BB2	19.949	0.194	0.194
0.250				
P5Q3BB6	WITH INCBCL	77.446	0.212	0.212
0.274				
P5Q3BB6	WITH EXCBCL	73.190	-0.156	-0.156
-0.201				
P5Q3BB6	WITH P5Q3AU	10.402	0.162	0.162
0.244				
P5Q3BB6	WITH P5Q3BB1	90.746	0.332	0.332
0.554				
P5Q3BB6	WITH P5Q3BB2	111.537	0.351	0.351
0.526				
P5Q3BB6	WITH P5Q3BB5	27.130	0.227	0.227
0.325				
P5Q3BB7	WITH INCBCL	24.821	0.144	0.144
0.183				
P5Q3BB7	WITH EXCBCL	15.295	-0.085	-0.085
-0.108				
P5Q3BB7	WITH P5Q3BB1	18.542	0.220	0.220
0.362				
P5Q3BB7	WITH P5Q3BB2	27.841	0.254	0.254
0.374				
P5Q3BB7	WITH P5Q3BB5	10.747	0.182	0.182
0.257				
P5Q3BB7	WITH P5Q3BB6	127.946	0.402	0.402
0.659				
P5Q3X	WITH INTERNAL	12.209	0.067	0.067
0.085				
P5Q3X	WITH P5Q3E	16.919	0.172	0.172
0.249				
P5Q3AA	WITH EXTERN	11.939	0.059	0.059
0.089				
P5Q3AA	WITH INCBCL	119.288	-0.172	-0.172

-0.262				
P5Q3AA	WITH EXCBCL	90.796	0.190	0.190
0.290				
P5Q3AA	WITH P5Q3AV	10.737	-0.143	-0.143
-0.304				
P5Q3AA	WITH P5Q3DB	11.199	-0.123	-0.123
-0.224				
P5Q3AA	WITH P5Q3BB6	14.134	-0.172	-0.172
-0.338				
P5Q3AL	WITH INTERNAL	13.263	-0.084	-0.084
-0.109				
P5Q3AL	WITH P5Q3AA	12.969	0.130	0.130
0.256				
P5Q3AP	WITH P5Q3AA	16.373	0.107	0.107
0.234				
P5Q3BI	WITH INCBCL	13.945	0.062	0.062
0.068				
P5Q3BI	WITH EXCBCL	13.585	-0.078	-0.078
-0.086				
P5Q3BI	WITH P5Q3BQ	19.216	0.143	0.143
0.195				
P5Q3BZ	WITH INTERNAL	14.455	0.111	0.111
0.167				
P5Q3BZ	WITH P5Q3B0	10.025	0.164	0.164
0.322				
P5Q3BZ	WITH P5Q3AP	10.937	0.134	0.134
0.288				
P5Q3C	WITH PAF	15.378	-0.060	-0.060
-0.077				
P5Q3C	WITH P5Q3DB	12.570	0.115	0.115
0.174				
P5Q3R	WITH INCBCL	22.087	0.073	0.073
0.095				
P5Q3R	WITH EXCBCL	17.492	-0.083	-0.083
-0.108				
P5Q3R	WITH P5Q3M	31.599	0.192	0.192
0.330				
P5Q3S	WITH INCBCL	10.081	-0.056	-0.056
-0.091				
P5Q3T	WITH INCBCL	15.612	-0.069	-0.069
-0.115				
P5Q3T	WITH EXCBCL	14.766	0.086	0.086
0.144				
P5Q3T	WITH P5Q3S	184.729	0.284	0.284
0.765				
P5Q3U	WITH INCBCL	64.193	-0.125	-0.125
-0.185				
P5Q3U	WITH EXCBCL	79.378	0.176	0.176
0.262				
P5Q3U	WITH P5Q3AA	102.781	0.211	0.211

0.476				
P5Q3U	WITH P5Q3C	20.911	0.120	0.120
0.225				
P5Q3V	WITH SC9	11.583	-0.094	-0.094
-0.136				
P5Q3V	WITH INTERNAL	10.466	-0.061	-0.061
-0.088				
P5Q3V	WITH INCBCL	126.647	-0.188	-0.188
-0.273				
P5Q3V	WITH EXCBCL	114.267	0.227	0.227
0.329				
P5Q3V	WITH P5Q3AV	10.942	-0.154	-0.154
-0.312				
P5Q3V	WITH P5Q3BQ	11.352	-0.128	-0.128
-0.229				
P5Q3V	WITH P5Q3DB	17.466	-0.166	-0.166
-0.286				
P5Q3V	WITH P5Q3CU	10.304	-0.169	-0.169
-0.320				
P5Q3V	WITH P5Q3AU	10.077	-0.171	-0.171
-0.290				
P5Q3V	WITH P5Q3BB6	14.233	-0.185	-0.185
-0.347				
P5Q3V	WITH P5Q3AA	164.733	0.259	0.259
0.572				
P5Q3V	WITH P5Q3AL	17.205	0.148	0.148
0.278				
P5Q3V	WITH P5Q3U	164.788	0.264	0.264
0.567				
P5Q3AJ	WITH INTERNAL	11.322	-0.083	-0.083
-0.127				
P5Q3AJ	WITH K6D61D	17.116	0.209	0.209
0.426				
P5Q3AJ	WITH K6D61L	10.216	0.196	0.196
0.368				
P5Q3AJ	WITH P5Q3AL	18.572	0.176	0.176
0.350				
P5Q3AJ	WITH P5Q3V	19.767	0.149	0.149
0.331				
P5Q3BN	WITH INCBCL	15.958	0.069	0.069
0.099				
P5Q3BN	WITH EXCBCL	13.097	-0.080	-0.080
-0.116				
P5Q3BN	WITH P5Q3M	22.634	0.180	0.180
0.345				
P5Q3BN	WITH P5Q3AF	12.445	0.144	0.144
0.309				
P5Q3BN	WITH P5Q3V	20.784	-0.190	-0.190
-0.399				
P5Q3CF	WITH P5Q3T	10.600	-0.122	-0.122

-0.301				
P5Q3CF	WITH P5Q3V	11.539	-0.118	-0.118
-0.254				
P5Q3CG	WITH INCBCL	72.858	0.134	0.134
0.206				
P5Q3CG	WITH EXCBCL	57.905	-0.154	-0.154
-0.236				
P5Q3CG	WITH P5Q3B0	18.062	0.147	0.147
0.296				
P5Q3CG	WITH P5Q3AA	21.970	-0.157	-0.157
-0.368				
P5Q3CG	WITH P5Q3U	19.575	-0.149	-0.149
-0.338				
P5Q3CG	WITH P5Q3V	23.973	-0.184	-0.184
-0.410				
P5Q3CG	WITH P5Q3CF	18.423	0.112	0.112
0.255				
P5Q3CH	WITH EXTERN	18.592	-0.092	-0.092
-0.131				
P5Q3CH	WITH PAF	17.730	-0.085	-0.085
-0.121				
P5Q3CH	WITH INCBCL	154.478	0.220	0.220
0.312				
P5Q3CH	WITH EXCBCL	126.785	-0.258	-0.258
-0.366				
P5Q3CH	WITH P5Q3M	11.600	0.143	0.143
0.269				
P5Q3CH	WITH P5Q3AH	11.538	0.165	0.165
0.399				
P5Q3CH	WITH P5Q3AV	14.658	0.168	0.168
0.334				
P5Q3CH	WITH P5Q3AX	10.793	0.163	0.163
0.356				
P5Q3CH	WITH P5Q3BQ	10.688	0.128	0.128
0.225				
P5Q3CH	WITH P5Q3AA	18.457	-0.177	-0.177
-0.383				
P5Q3CH	WITH P5Q30	12.412	-0.176	-0.176
-0.389				
P5Q3CH	WITH P5Q3V	22.690	-0.217	-0.217
-0.447				
P5Q3CH	WITH P5Q3AJ	11.896	-0.187	-0.187
-0.407				
P5Q3CH	WITH P5Q3CG	10.465	0.108	0.108
0.235				
P5Q3CI	WITH INCBCL	139.934	0.229	0.229
0.308				
P5Q3CI	WITH EXCBCL	119.718	-0.274	-0.274
-0.369				
P5Q3CI	WITH P5Q3AD	10.578	0.158	0.158

0.268				
P5Q3CI	WITH P5Q3BQ	10.192	0.138	0.138
0.230				
P5Q3CI	WITH P5Q3CU	13.388	0.190	0.190
0.333				
P5Q3CI	WITH P5Q3AA	23.364	-0.222	-0.222
-0.454				
P5Q3CI	WITH P5Q3C	12.969	-0.173	-0.173
-0.295				
P5Q3CI	WITH P5Q3U	18.278	-0.200	-0.200
-0.400				
P5Q3CI	WITH P5Q3V	20.531	-0.229	-0.229
-0.446				
P5Q3C0	WITH INCBCL	10.470	-0.052	-0.052
-0.081				
P5Q3C0	WITH P5Q3BN	16.528	0.116	0.116
0.267				
P5Q3C0	WITH P5Q3CF	21.951	0.119	0.119
0.279				
P5Q3CQ	WITH P5Q3BC	10.067	0.114	0.114
0.400				

Beginning Time: 10:42:17
 Ending Time: 18:37:22
 Elapsed Time: 07:55:05

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