Mplus VERSION 8.4 (Mac)
MUTHEN & MUTHEN
10/24/2020   7:39 AM

INPUT INSTRUCTIONS

  TITLE: Structual 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
  ! Deliquency
   k6d61c k6d61d k6d61e k6d61k k6d61l k6d61m
  ! Delinquency items removed due to low freq: k6d61h k6d61f k6d61g
k6d61a k6d61b k6d61i k6d61j
  ! 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
   ! Deliquency
    k6d61c k6d61d k6d61e k6d61k k6d61l k6d61m
   ! Substance Use (Dichotomous)
   k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r

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

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

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

```
;

IDVARIABLE = ff_id;
MISSING=ALL(99);

MODEL:

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

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

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


Internalizing @ 1;

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


EXTERN @ 1;


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

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

InCBCL @ 1;

! Age 9 ExtCBCL
ExCBCL BY p5q3x* p5q3aa p5q3al p5q3ap p5q3bi
p5q3bz p5q3cj p5q3c p5q3o p5q3r
```

```
    p5q3s p5q3t p5q3u p5q3v p5q3aj p5q3bc p5q3bn p5q3cf
    p5q3cg p5q3ch p5q3ci p5q3cn p5q3co p5q3cq p5q3cw;

    ExCBCL @ 1;

    ! Structural Main Effects Model

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

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


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

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

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

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

    EXTERN ON ExCBCL;
    Internalizing ON InCBCL;

    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 in VARIABLE command
  Note that only the first 8 characters of variable names are used in
the output.
  Shorten variable names to avoid any confusion.
*** WARNING
  Data set contains cases with missing on all variables.
  These cases were not included in the analysis.
  Number of cases with missing on all variables: 320
*** WARNING
  Data set contains cases with missing on x-variables.
  These cases were not included in the analysis.
  Number of cases with missing on x-variables: 62
*** WARNING
  Data set contains cases with missing on all variables except
  x-variables. These cases were not included in the analysis.
  Number of cases with missing on all variables except x-variables:
780
   8 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   3736

Number of dependent variables   101
Number of independent variables   2
Number of continuous latent variables   7

Observed dependent variables

  Binary and ordered categorical (ordinal)
    K6B1A_R   K6B1B_R   K6B1C_R   K6B1D_R   K5E1A   K5E1B
    K5E1C   K5E1D   K6D2AG_R   K6D2AI_R   K6D2D_R   K6D2J_R
    K6D2T_R   K6D2AC_R   K6D2AK_R   K6D2C_R   K6D2N_R   K6D2X_R
    K6D2A_R   K6D2P_R   K6D2R_R   K6D2Z_R   K6D2AB_R
K6D2AJ_R
    K6D61C   K6D61D   K6D61E   K6D61K   K6D61L   K6D61M
    K6D40_R   K6D48_R   K6F63_R   K6F68_R   K6F74_R   K6D2B_R
    K6D2F_R   K6D2G_R   K6D2I_R   K6D2K_R   K6D2L_R   K6D2M_R
    K6D2O_R   K6D2S_R   K6D2V_R   K6D2W_R   K6D2Y_R
K6D2AA_R

```
      K6D2AE_R     K6D2AF_R     K6D2AH_R     P5Q3M        P5Q3AB       P5Q3AD
      P5Q3AF       P5Q3AH       P5Q3AR       P5Q3AV       P5Q3AX       P5Q3BQ
      P5Q3CK       P5Q3DB       P5Q3E        P5Q3A0       P5Q3BK       P5Q3B0
      P5Q3CU       P5Q3DA       P5Q3AS       P5Q3AU       P5Q3AZ       P5Q3BB1
      P5Q3BB2      P5Q3BB5      P5Q3BB6      P5Q3BB7      P5Q3X        P5Q3AA
      P5Q3AL       P5Q3AP       P5Q3BI       P5Q3BZ       P5Q3CJ       P5Q3C
      P5Q3O        P5Q3R        P5Q3S        P5Q3T        P5Q3U        P5Q3V
      P5Q3AJ       P5Q3BC       P5Q3BN       P5Q3CF       P5Q3CG       P5Q3CH
      P5Q3CI       P5Q3CN       P5Q3CO       P5Q3CQ       P5Q3CW

 Observed independent variables
    THREATCO     DEPCOMP

 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          294


 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	0.900	0.901			
K6B1C_R	0.900	0.900	0.901		
K6B1D_R	0.900	0.900	0.900	0.900	
K5E1A	0.793	0.792	0.792	0.792	0.880
K5E1B	0.797	0.797	0.797	0.796	0.875
K5E1C	0.801	0.800	0.800	0.800	0.878
K5E1D	0.798	0.797	0.797	0.797	0.876
K6D2AG_R	0.899	0.898	0.898	0.898	0.802
K6D2AI_R	0.897	0.897	0.897	0.897	0.802
K6D2D_R	0.895	0.895	0.895	0.894	0.799
K6D2J_R	0.886	0.885	0.885	0.885	0.791
K6D2T_R	0.899	0.898	0.898	0.898	0.803
K6D2AC_R	0.898	0.898	0.898	0.897	0.802
K6D2AK_R	0.898	0.897	0.897	0.897	0.802
K6D2C_R	0.888	0.888	0.888	0.888	0.793
K6D2N_R	0.898	0.897	0.897	0.897	0.802
K6D2X_R	0.898	0.897	0.897	0.897	0.802
K6D2A_R	0.899	0.899	0.898	0.898	0.802
K6D2P_R	0.899	0.898	0.898	0.898	0.802
K6D2R_R	0.898	0.897	0.897	0.897	0.802
K6D2Z_R	0.898	0.898	0.897	0.897	0.802
K6D2AB_R	0.899	0.898	0.898	0.898	0.802
K6D2AJ_R	0.899	0.898	0.898	0.898	0.803
K6D61C	0.897	0.896	0.896	0.896	0.802

K6D61D	0.897	0.896	0.896	0.896
0.802				
K6D61E	0.896	0.896	0.896	0.895
0.801				
K6D61K	0.896	0.896	0.896	0.896
0.801				
K6D61L	0.897	0.896	0.896	0.896
0.802				
K6D61M	0.895	0.895	0.895	0.895
0.800				
K6D40_R	0.897	0.897	0.897	0.896
0.802				
K6D48_R	0.897	0.896	0.896	0.896
0.801				
K6F63_R	0.896	0.895	0.895	0.895
0.801				
K6F68_R	0.896	0.895	0.895	0.895
0.801				
K6F74_R	0.896	0.895	0.895	0.895
0.801				
K6D2B_R	0.899	0.898	0.898	0.898
0.802				
K6D2F_R	0.899	0.899	0.899	0.898
0.803				
K6D2G_R	0.899	0.899	0.899	0.899
0.803				
K6D2I_R	0.898	0.898	0.898	0.897
0.802				
K6D2K_R	0.899	0.898	0.898	0.898
0.802				
K6D2L_R	0.899	0.899	0.899	0.899
0.803				
K6D2M_R	0.899	0.899	0.899	0.899
0.803				
K6D2O_R	0.899	0.898	0.898	0.898
0.803				
K6D2S_R	0.899	0.899	0.899	0.899
0.803				
K6D2V_R	0.899	0.899	0.899	0.899
0.803				
K6D2W_R	0.899	0.898	0.898	0.898
0.802				
K6D2Y_R	0.899	0.899	0.899	0.898
0.803				
K6D2AA_R	0.899	0.899	0.899	0.899
0.803				
K6D2AE_R	0.897	0.897	0.897	0.897
0.801				
K6D2AF_R	0.899	0.899	0.899	0.898
0.803				

K6D2AH_R	0.888	0.887	0.887	0.887
	0.792			
P5Q3M	0.796	0.796	0.796	0.796
	0.861			
P5Q3AB	0.796	0.795	0.795	0.795
	0.860			
P5Q3AD	0.796	0.795	0.795	0.795
	0.860			
P5Q3AF	0.797	0.796	0.796	0.796
	0.861			
P5Q3AH	0.798	0.797	0.797	0.797
	0.862			
P5Q3AR	0.797	0.797	0.797	0.797
	0.862			
P5Q3AV	0.798	0.797	0.797	0.797
	0.862			
P5Q3AX	0.798	0.797	0.797	0.797
	0.862			
P5Q3BQ	0.797	0.796	0.796	0.796
	0.861			
P5Q3CK	0.798	0.798	0.798	0.797
	0.863			
P5Q3DB	0.787	0.787	0.787	0.786
	0.851			
P5Q3E	0.793	0.793	0.793	0.792
	0.857			
P5Q3A0	0.797	0.796	0.796	0.796
	0.861			
P5Q3BK	0.796	0.796	0.796	0.796
	0.860			
P5Q3B0	0.798	0.798	0.798	0.798
	0.863			
P5Q3CU	0.798	0.797	0.797	0.797
	0.862			
P5Q3DA	0.795	0.794	0.794	0.794
	0.859			
P5Q3AS	0.797	0.797	0.797	0.797
	0.862			
P5Q3AU	0.796	0.796	0.796	0.795
	0.860			
P5Q3AZ	0.797	0.797	0.797	0.797
	0.862			
P5Q3BB1	0.796	0.795	0.795	0.795
	0.860			
P5Q3BB2	0.795	0.794	0.794	0.794
	0.859			
P5Q3BB5	0.793	0.793	0.793	0.793
	0.857			
P5Q3BB6	0.797	0.796	0.796	0.796
	0.860			

P5Q3BB7	0.788	0.787	0.787	0.787
0.851				
P5Q3X	0.796	0.795	0.795	0.795
0.860				
P5Q3AA	0.797	0.796	0.796	0.796
0.861				
P5Q3AL	0.797	0.797	0.797	0.797
0.862				
P5Q3AP	0.798	0.797	0.797	0.797
0.862				
P5Q3BI	0.797	0.797	0.797	0.796
0.861				
P5Q3BZ	0.799	0.798	0.798	0.798
0.863				
P5Q3CJ	0.797	0.797	0.797	0.797
0.862				
P5Q3C	0.791	0.790	0.790	0.790
0.855				
P5Q3O	0.796	0.796	0.796	0.795
0.861				
P5Q3R	0.797	0.797	0.797	0.797
0.861				
P5Q3S	0.797	0.797	0.797	0.797
0.862				
P5Q3T	0.797	0.797	0.797	0.796
0.861				
P5Q3U	0.797	0.796	0.796	0.796
0.861				
P5Q3V	0.791	0.791	0.791	0.791
0.854				
P5Q3AJ	0.798	0.797	0.797	0.797
0.862				
P5Q3BC	0.795	0.794	0.794	0.794
0.858				
P5Q3BN	0.798	0.798	0.798	0.797
0.863				
P5Q3CF	0.798	0.797	0.797	0.797
0.862				
P5Q3CG	0.797	0.797	0.797	0.797
0.862				
P5Q3CH	0.794	0.793	0.793	0.793
0.857				
P5Q3CI	0.797	0.797	0.797	0.796
0.861				
P5Q3CN	0.798	0.798	0.798	0.797
0.863				
P5Q3CO	0.798	0.798	0.798	0.797
0.862				
P5Q3CQ	0.798	0.798	0.798	0.797
0.862				

P5Q3CW 0.863	0.798	0.798	0.798	0.798

Covariance Coverage

	K5E1B	K5E1C	K5E1D	K6D2AG_R
K6D2AI_R				
	_____	_____	_____	_____
_____				
K5E1B	0.885			
K5E1C	0.883	0.890		
K5E1D	0.881	0.885	0.887	
K6D2AG_R	0.807	0.811	0.808	0.914
K6D2AI_R 0.913	0.806	0.810	0.807	0.912
K6D2D_R 0.909	0.803	0.808	0.805	0.910
K6D2J_R 0.900	0.795	0.800	0.796	0.901
K6D2T_R 0.912	0.807	0.811	0.808	0.914
K6D2AC_R 0.912	0.806	0.811	0.808	0.913
K6D2AK_R 0.912	0.806	0.811	0.808	0.913
K6D2C_R 0.902	0.798	0.802	0.798	0.903
K6D2N_R 0.911	0.806	0.810	0.807	0.912
K6D2X_R 0.912	0.807	0.811	0.808	0.913
K6D2A_R 0.912	0.807	0.811	0.808	0.914
K6D2P_R 0.912	0.807	0.811	0.808	0.913
K6D2R_R 0.912	0.806	0.810	0.807	0.912
K6D2Z_R 0.912	0.806	0.811	0.808	0.913
K6D2AB_R 0.912	0.807	0.811	0.808	0.913
K6D2AJ_R 0.913	0.807	0.812	0.808	0.913
K6D61C 0.911	0.806	0.810	0.807	0.911
K6D61D 0.911	0.806	0.810	0.807	0.911
K6D61E 0.910	0.806	0.810	0.807	0.911
K6D61K	0.806	0.810	0.807	0.911

					0.911
K6D61L	0.806	0.810	0.807	0.912	0.911
K6D61M	0.804	0.809	0.805	0.910	0.909
K6D40_R	0.806	0.810	0.807	0.912	0.911
K6D48_R	0.806	0.810	0.807	0.911	0.911
K6F63_R	0.806	0.810	0.807	0.910	0.910
K6F68_R	0.805	0.810	0.806	0.910	0.910
K6F74_R	0.806	0.810	0.807	0.911	0.910
K6D2B_R	0.807	0.811	0.808	0.914	0.912
K6D2F_R	0.807	0.812	0.808	0.914	0.913
K6D2G_R	0.808	0.812	0.809	0.914	0.913
K6D2I_R	0.806	0.811	0.808	0.913	0.912
K6D2K_R	0.807	0.811	0.808	0.914	0.912
K6D2L_R	0.808	0.812	0.809	0.914	0.913
K6D2M_R	0.808	0.812	0.809	0.914	0.913
K6D2O_R	0.807	0.811	0.808	0.913	0.912
K6D2S_R	0.808	0.812	0.809	0.914	0.913
K6D2V_R	0.808	0.812	0.809	0.914	0.913
K6D2W_R	0.807	0.811	0.808	0.914	0.912
K6D2Y_R	0.807	0.812	0.808	0.914	0.912
K6D2AA_R	0.808	0.812	0.809	0.914	0.913
K6D2AE_R	0.806	0.810	0.807	0.912	0.911
K6D2AF_R	0.808	0.812	0.809	0.914	0.913
K6D2AH_R	0.796	0.801	0.797	0.903	0.901
P5Q3M	0.865	0.870	0.868	0.808	0.807
P5Q3AB	0.864	0.870	0.866	0.807	

0.806

P5Q3AD	0.865	0.870	0.867	0.807
0.806				
P5Q3AF	0.866	0.871	0.868	0.808
0.807				
P5Q3AH	0.866	0.872	0.869	0.809
0.808				
P5Q3AR	0.866	0.872	0.869	0.809
0.808				
P5Q3AV	0.866	0.872	0.869	0.809
0.808				
P5Q3AX	0.867	0.872	0.869	0.809
0.808				
P5Q3BQ	0.866	0.871	0.868	0.808
0.807				
P5Q3CK	0.867	0.873	0.869	0.809
0.809				
P5Q3DB	0.855	0.860	0.857	0.798
0.797				
P5Q3E	0.861	0.867	0.864	0.804
0.803				
P5Q3A0	0.866	0.871	0.868	0.808
0.807				
P5Q3BK	0.865	0.870	0.867	0.808
0.807				
P5Q3B0	0.867	0.873	0.869	0.810
0.809				
P5Q3CU	0.867	0.872	0.869	0.809
0.808				
P5Q3DA	0.864	0.869	0.866	0.806
0.805				
P5Q3AS	0.866	0.872	0.868	0.809
0.808				
P5Q3AU	0.865	0.870	0.867	0.807
0.806				
P5Q3AZ	0.866	0.872	0.868	0.809
0.808				
P5Q3BB1	0.864	0.869	0.866	0.807
0.806				
P5Q3BB2	0.863	0.868	0.865	0.806
0.805				
P5Q3BB5	0.862	0.867	0.864	0.804
0.803				
P5Q3BB6	0.865	0.870	0.866	0.808
0.807				
P5Q3BB7	0.856	0.861	0.858	0.799
0.798				
P5Q3X	0.865	0.870	0.866	0.807
0.806				
P5Q3AA	0.866	0.871	0.868	0.808

0.807
P5Q3AL	0.866	0.872	0.868	0.809

0.808
P5Q3AP	0.866	0.872	0.869	0.809

0.808
P5Q3BI	0.866	0.871	0.868	0.808

0.808
P5Q3BZ	0.868	0.873	0.870	0.810

0.809
P5Q3CJ	0.866	0.871	0.868	0.809

0.808
P5Q3C	0.860	0.865	0.862	0.802

0.801
P5Q3O	0.865	0.870	0.868	0.807

0.806
P5Q3R	0.866	0.871	0.868	0.809

0.808
P5Q3S	0.866	0.872	0.869	0.809

0.808
P5Q3T	0.866	0.871	0.868	0.808

0.808
P5Q3U	0.866	0.871	0.868	0.808

0.807
P5Q3V	0.859	0.864	0.861	0.802

0.802
P5Q3AJ	0.867	0.872	0.869	0.809

0.808
P5Q3BC	0.863	0.868	0.865	0.806

0.805
P5Q3BN	0.867	0.873	0.869	0.809

0.809
P5Q3CF	0.866	0.872	0.868	0.809

0.808
P5Q3CG	0.866	0.872	0.869	0.809

0.808
P5Q3CH	0.862	0.867	0.864	0.805

0.804
P5Q3CI	0.866	0.871	0.868	0.808

0.808
P5Q3CN	0.867	0.873	0.869	0.809

0.809
P5Q3CO	0.867	0.872	0.869	0.809

0.809
P5Q3CQ	0.867	0.872	0.869	0.809

0.809
P5Q3CW	0.868	0.873	0.870	0.810

0.809

Covariance Coverage

	K6D2D_R	K6D2J_R	K6D2T_R	K6D2AC_R	K6D2AK_R
K6D2D_R	0.911				
K6D2J_R	0.897	0.901			
K6D2T_R	0.910	0.901	0.914		
K6D2AC_R	0.910	0.900	0.913	0.914	
K6D2AK_R	0.910	0.900	0.913	0.912	0.914
K6D2C_R	0.900	0.894	0.903	0.903	0.903
K6D2N_R	0.909	0.900	0.913	0.912	0.912
K6D2X_R	0.910	0.900	0.913	0.913	0.912
K6D2A_R	0.910	0.901	0.914	0.913	0.913
K6D2P_R	0.910	0.901	0.914	0.913	0.913
K6D2R_R	0.909	0.900	0.913	0.912	0.912
K6D2Z_R	0.909	0.900	0.913	0.912	0.912
K6D2AB_R	0.910	0.901	0.914	0.913	0.913
K6D2AJ_R	0.910	0.900	0.914	0.913	0.913
K6D61C	0.908	0.899	0.912	0.911	0.911
K6D61D	0.908	0.899	0.912	0.911	0.911
K6D61E	0.907	0.898	0.911	0.910	0.911
K6D61K	0.908	0.898	0.911	0.911	0.911
K6D61L	0.908	0.899	0.912	0.911	0.912
K6D61M	0.906	0.897	0.910	0.910	0.910
K6D40_R	0.908	0.899	0.912	0.911	0.911
K6D48_R	0.908	0.899	0.912	0.911	0.911
K6F63_R	0.907	0.898	0.911	0.910	0.910
K6F68_R	0.907	0.898	0.911	0.910	0.910
K6F74_R	0.907	0.898	0.911	0.910	0.911

K6D2B_R	0.910	0.901	0.914	0.914
0.913				
K6D2F_R	0.910	0.901	0.914	0.914
0.913				
K6D2G_R	0.911	0.901	0.914	0.914
0.914				
K6D2I_R	0.910	0.900	0.913	0.913
0.912				
K6D2K_R	0.910	0.901	0.914	0.913
0.913				
K6D2L_R	0.911	0.901	0.914	0.914
0.914				
K6D2M_R	0.911	0.901	0.914	0.914
0.914				
K6D2O_R	0.910	0.900	0.914	0.913
0.913				
K6D2S_R	0.911	0.901	0.914	0.914
0.914				
K6D2V_R	0.911	0.901	0.914	0.914
0.914				
K6D2W_R	0.910	0.901	0.914	0.913
0.913				
K6D2Y_R	0.910	0.901	0.914	0.913
0.913				
K6D2AA_R	0.911	0.901	0.914	0.914
0.914				
K6D2AE_R	0.908	0.900	0.912	0.912
0.911				
K6D2AF_R	0.910	0.901	0.914	0.914
0.913				
K6D2AH_R	0.899	0.892	0.903	0.902
0.902				
P5Q3M	0.804	0.796	0.808	0.807
0.807				
P5Q3AB	0.804	0.795	0.807	0.807
0.806				
P5Q3AD	0.803	0.795	0.807	0.806
0.806				
P5Q3AF	0.804	0.796	0.808	0.808
0.807				
P5Q3AH	0.805	0.797	0.809	0.809
0.808				
P5Q3AR	0.805	0.797	0.809	0.808
0.808				
P5Q3AV	0.805	0.797	0.809	0.809
0.808				
P5Q3AX	0.806	0.797	0.809	0.809
0.809				
P5Q3BQ	0.804	0.796	0.808	0.808
0.807				

P5Q3CK	0.806	0.798	0.810	0.809
0.809				
P5Q3DB	0.795	0.787	0.798	0.798
0.798				
P5Q3E	0.801	0.793	0.804	0.804
0.804				
P5Q3A0	0.805	0.796	0.808	0.808
0.808				
P5Q3BK	0.804	0.796	0.808	0.807
0.807				
P5Q3B0	0.806	0.798	0.810	0.809
0.809				
P5Q3CU	0.805	0.797	0.809	0.809
0.808				
P5Q3DA	0.803	0.794	0.806	0.806
0.806				
P5Q3AS	0.805	0.797	0.809	0.808
0.808				
P5Q3AU	0.804	0.796	0.808	0.807
0.807				
P5Q3AZ	0.805	0.797	0.809	0.808
0.808				
P5Q3BB1	0.803	0.795	0.807	0.806
0.806				
P5Q3BB2	0.802	0.794	0.806	0.805
0.805				
P5Q3BB5	0.801	0.793	0.804	0.804
0.804				
P5Q3BB6	0.804	0.796	0.808	0.808
0.807				
P5Q3BB7	0.795	0.787	0.799	0.798
0.798				
P5Q3X	0.804	0.795	0.807	0.807
0.806				
P5Q3AA	0.805	0.796	0.808	0.808
0.808				
P5Q3AL	0.805	0.797	0.809	0.808
0.808				
P5Q3AP	0.806	0.797	0.809	0.809
0.809				
P5Q3BI	0.805	0.797	0.809	0.808
0.808				
P5Q3BZ	0.806	0.798	0.810	0.810
0.809				
P5Q3CJ	0.805	0.797	0.809	0.808
0.808				
P5Q3C	0.798	0.791	0.802	0.802
0.801				
P5Q3O	0.804	0.796	0.808	0.807
0.807				

P5Q3R	0.805	0.797	0.809	0.808
0.808				
P5Q3S	0.805	0.797	0.809	0.808
0.808				
P5Q3T	0.805	0.797	0.809	0.808
0.808				
P5Q3U	0.805	0.796	0.808	0.808
0.808				
P5Q3V	0.799	0.791	0.803	0.802
0.802				
P5Q3AJ	0.805	0.797	0.809	0.809
0.808				
P5Q3BC	0.802	0.794	0.806	0.806
0.805				
P5Q3BN	0.806	0.798	0.810	0.809
0.809				
P5Q3CF	0.805	0.797	0.809	0.809
0.808				
P5Q3CG	0.805	0.797	0.809	0.808
0.808				
P5Q3CH	0.801	0.793	0.805	0.805
0.804				
P5Q3CI	0.805	0.797	0.809	0.808
0.808				
P5Q3CN	0.806	0.798	0.810	0.809
0.809				
P5Q3CO	0.806	0.798	0.810	0.809
0.809				
P5Q3CQ	0.806	0.798	0.810	0.809
0.809				
P5Q3CW	0.806	0.798	0.810	0.809
0.809				

Covariance Coverage

	K6D2C_R	K6D2N_R	K6D2X_R	K6D2A_R
K6D2P_R				
	_____	_____	_____	_____
_____				
K6D2C_R	0.904			
K6D2N_R	0.902	0.913		
K6D2X_R	0.903	0.912	0.914	
K6D2A_R	0.904	0.913	0.913	0.914
K6D2P_R	0.903	0.912	0.913	0.914
0.914				
K6D2R_R	0.903	0.912	0.912	0.913
0.913				
K6D2Z_R	0.903	0.912	0.912	0.913
0.913				
K6D2AB_R	0.903	0.912	0.913	0.914

0.914
K6D2AJ_R	0.903	0.912	0.913	0.914
0.913				
K6D61C	0.901	0.911	0.911	0.912
0.911				
K6D61D	0.901	0.911	0.911	0.912
0.911				
K6D61E	0.900	0.910	0.910	0.911
0.911				
K6D61K	0.901	0.911	0.911	0.911
0.911				
K6D61L	0.901	0.911	0.911	0.912
0.912				
K6D61M	0.900	0.909	0.909	0.910
0.910				
K6D40_R	0.901	0.911	0.911	0.912
0.912				
K6D48_R	0.901	0.911	0.911	0.912
0.911				
K6F63_R	0.900	0.910	0.910	0.911
0.910				
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	0.903	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	0.914
0.914				
K6D2I_R	0.903	0.912	0.912	0.913
0.913				
K6D2K_R	0.903	0.912	0.913	0.914
0.913				
K6D2L_R	0.904	0.913	0.914	0.914
0.914				
K6D2M_R	0.904	0.913	0.914	0.914
0.914				
K6D2O_R	0.903	0.913	0.913	0.914
0.913				
K6D2S_R	0.904	0.913	0.914	0.914
0.914				
K6D2V_R	0.904	0.913	0.914	0.914
0.914				
K6D2W_R	0.903	0.913	0.913	0.914
0.914				
K6D2Y_R	0.903	0.913	0.913	0.914
0.914				
K6D2AA_R	0.904	0.913	0.914	0.914

0.914				
K6D2AE_R	0.902	0.911	0.911	0.912
0.912				
K6D2AF_R	0.904	0.913	0.914	0.914
0.914				
K6D2AH_R	0.894	0.902	0.902	0.903
0.902				
P5Q3M	0.798	0.807	0.808	0.808
0.808				
P5Q3AB	0.797	0.806	0.807	0.807
0.807				
P5Q3AD	0.797	0.806	0.807	0.807
0.807				
P5Q3AF	0.798	0.807	0.808	0.808
0.808				
P5Q3AH	0.799	0.808	0.809	0.809
0.809				
P5Q3AR	0.799	0.808	0.809	0.809
0.809				
P5Q3AV	0.799	0.808	0.809	0.809
0.809				
P5Q3AX	0.799	0.809	0.809	0.809
0.809				
P5Q3BQ	0.798	0.807	0.808	0.808
0.808				
P5Q3CK	0.800	0.809	0.809	0.810
0.809				
P5Q3DB	0.788	0.798	0.798	0.798
0.798				
P5Q3E	0.794	0.804	0.804	0.804
0.804				
P5Q3A0	0.798	0.808	0.808	0.808
0.808				
P5Q3BK	0.798	0.807	0.808	0.808
0.808				
P5Q3B0	0.800	0.809	0.810	0.810
0.810				
P5Q3CU	0.799	0.808	0.809	0.809
0.809				
P5Q3DA	0.796	0.806	0.806	0.806
0.806				
P5Q3AS	0.799	0.808	0.809	0.809
0.809				
P5Q3AU	0.797	0.807	0.807	0.808
0.808				
P5Q3AZ	0.799	0.808	0.809	0.809
0.809				
P5Q3BB1	0.797	0.806	0.807	0.807
0.807				
P5Q3BB2	0.796	0.805	0.806	0.806

```
0.806
  P5Q3BB5        0.794          0.804          0.804          0.804
0.804
  P5Q3BB6        0.798          0.807          0.808          0.808
0.808
  P5Q3BB7        0.789          0.798          0.799          0.799
0.799
  P5Q3X          0.797          0.806          0.807          0.807
0.807
  P5Q3AA         0.798          0.808          0.808          0.808
0.808
  P5Q3AL         0.799          0.808          0.809          0.809
0.809
  P5Q3AP         0.799          0.809          0.809          0.809
0.809
  P5Q3BI         0.798          0.808          0.808          0.809
0.808
  P5Q3BZ         0.800          0.809          0.810          0.810
0.810
  P5Q3CJ         0.799          0.808          0.809          0.809
0.809
  P5Q3C          0.792          0.801          0.802          0.802
0.802
  P5Q3O          0.797          0.807          0.807          0.808
0.807
  P5Q3R          0.799          0.808          0.809          0.809
0.809
  P5Q3S          0.799          0.808          0.809          0.809
0.809
  P5Q3T          0.798          0.808          0.808          0.809
0.809
  P5Q3U          0.798          0.808          0.808          0.808
0.808
  P5Q3V          0.793          0.802          0.802          0.803
0.803
  P5Q3AJ         0.799          0.808          0.809          0.809
0.809
  P5Q3BC         0.796          0.805          0.806          0.806
0.806
  P5Q3BN         0.800          0.809          0.809          0.810
0.809
  P5Q3CF         0.799          0.808          0.809          0.809
0.809
  P5Q3CG         0.799          0.808          0.809          0.809
0.809
  P5Q3CH         0.795          0.804          0.805          0.805
0.805
  P5Q3CI         0.798          0.808          0.808          0.809
0.808
  P5Q3CN         0.800          0.809          0.809          0.810
```

	K6D2R_R	K6D2Z_R	K6D2AB_R	K6D2AJ_R	
P5Q3C0	0.800	0.809	0.809	0.810	0.809
P5Q3CQ	0.800	0.809	0.809	0.810	0.809
P5Q3CW	0.800	0.809	0.810	0.810	0.810

Covariance Coverage

	K6D2R_R	K6D2Z_R	K6D2AB_R	K6D2AJ_R	K6D61C
	_____	_____	_____	_____	_____
K6D2R_R	0.913				
K6D2Z_R	0.912	0.914			
K6D2AB_R	0.913	0.913	0.914		
K6D2AJ_R	0.912	0.913	0.914	0.914	
K6D61C	0.911	0.911	0.911	0.912	0.912
K6D61D	0.911	0.911	0.911	0.912	0.912
K6D61E	0.910	0.910	0.911	0.911	0.911
K6D61K	0.910	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	0.910	0.910
K6D40_R	0.911	0.911	0.912	0.912	0.912
K6D48_R	0.911	0.911	0.911	0.912	0.912
K6F63_R	0.910	0.910	0.910	0.911	0.911
K6F68_R	0.910	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	0.912	0.913	0.913	0.911
K6D2K_R	0.912	0.913	0.913	0.913	0.911

K6D2L_R	0.913	0.914	0.914	0.914
0.912				
K6D2M_R	0.913	0.914	0.914	0.914
0.912				
K6D2O_R	0.912	0.913	0.913	0.913
0.911				
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	0.912	0.912	0.912	0.912
0.910				
K6D2AF_R	0.913	0.913	0.914	0.914
0.912				
K6D2AH_R	0.902	0.902	0.903	0.903
0.901				
P5Q3M	0.807	0.807	0.808	0.808
0.806				
P5Q3AB	0.806	0.806	0.807	0.807
0.806				
P5Q3AD	0.806	0.806	0.807	0.807
0.806				
P5Q3AF	0.807	0.807	0.808	0.808
0.807				
P5Q3AH	0.808	0.808	0.809	0.809
0.808				
P5Q3AR	0.808	0.808	0.809	0.809
0.808				
P5Q3AV	0.808	0.808	0.809	0.809
0.808				
P5Q3AX	0.808	0.809	0.809	0.809
0.808				
P5Q3BQ	0.807	0.807	0.808	0.808
0.807				
P5Q3CK	0.809	0.809	0.810	0.810
0.808				
P5Q3DB	0.797	0.798	0.798	0.798
0.797				
P5Q3E	0.803	0.804	0.804	0.804
0.803				
P5Q3A0	0.807	0.808	0.808	0.808
0.807				
P5Q3BK	0.807	0.807	0.808	0.808
0.806				

P5Q3B0	0.809	0.809	0.810	0.810
0.809				
P5Q3CU	0.808	0.808	0.809	0.809
0.808				
P5Q3DA	0.805	0.806	0.806	0.806
0.805				
P5Q3AS	0.808	0.808	0.809	0.809
0.808				
P5Q3AU	0.806	0.807	0.808	0.808
0.806				
P5Q3AZ	0.808	0.808	0.809	0.809
0.808				
P5Q3BB1	0.806	0.806	0.807	0.807
0.806				
P5Q3BB2	0.805	0.805	0.806	0.806
0.805				
P5Q3BB5	0.803	0.804	0.804	0.804
0.803				
P5Q3BB6	0.807	0.807	0.808	0.808
0.807				
P5Q3BB7	0.798	0.798	0.799	0.799
0.798				
P5Q3X	0.806	0.806	0.807	0.807
0.806				
P5Q3AA	0.807	0.808	0.808	0.808
0.807				
P5Q3AL	0.808	0.808	0.809	0.809
0.808				
P5Q3AP	0.808	0.809	0.809	0.809
0.808				
P5Q3BI	0.808	0.808	0.809	0.809
0.807				
P5Q3BZ	0.809	0.809	0.810	0.810
0.809				
P5Q3CJ	0.808	0.808	0.809	0.809
0.808				
P5Q3C	0.801	0.801	0.802	0.802
0.801				
P5Q3O	0.806	0.807	0.808	0.808
0.806				
P5Q3R	0.808	0.808	0.809	0.809
0.808				
P5Q3S	0.808	0.808	0.809	0.809
0.808				
P5Q3T	0.808	0.808	0.809	0.809
0.807				
P5Q3U	0.807	0.808	0.808	0.808
0.807				
P5Q3V	0.802	0.802	0.803	0.803
0.802				

P5Q3AJ	0.808	0.808	0.809	0.809
0.808				
P5Q3BC	0.805	0.805	0.806	0.806
0.805				
P5Q3BN	0.809	0.809	0.810	0.810
0.808				
P5Q3CF	0.808	0.808	0.809	0.809
0.808				
P5Q3CG	0.808	0.808	0.809	0.809
0.808				
P5Q3CH	0.804	0.804	0.805	0.805
0.804				
P5Q3CI	0.808	0.808	0.809	0.809
0.807				
P5Q3CN	0.809	0.809	0.810	0.810
0.808				
P5Q3CO	0.809	0.809	0.810	0.810
0.808				
P5Q3CQ	0.809	0.809	0.810	0.810
0.808				
P5Q3CW	0.809	0.809	0.810	0.810
0.809				

Covariance Coverage

	K6D61D	K6D61E	K6D61K	K6D61L	K6D61M
K6D61D	0.912				
K6D61E	0.911	0.912			
K6D61K	0.912	0.911	0.912		
K6D61L	0.912	0.911	0.912	0.912	
K6D61M	0.910	0.910	0.910	0.911	0.911
K6D40_R	0.912	0.911	0.912	0.912	0.910
K6D48_R	0.912	0.911	0.911	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	0.910
K6D2B_R	0.912	0.911	0.911	0.912	0.910
K6D2F_R	0.912	0.911	0.912	0.912	0.910
K6D2G_R	0.912	0.911	0.912	0.912	

0.911

K6D2I_R	0.911	0.910	0.911	0.911
0.910				
K6D2K_R	0.911	0.911	0.911	0.912
0.910				
K6D2L_R	0.912	0.911	0.912	0.912
0.911				
K6D2M_R	0.912	0.911	0.912	0.912
0.911				
K6D2O_R	0.912	0.911	0.911	0.912
0.910				
K6D2S_R	0.912	0.911	0.912	0.912
0.911				
K6D2V_R	0.912	0.911	0.912	0.912
0.911				
K6D2W_R	0.912	0.911	0.911	0.912
0.910				
K6D2Y_R	0.912	0.911	0.911	0.912
0.910				
K6D2AA_R	0.912	0.911	0.912	0.912
0.911				
K6D2AE_R	0.910	0.909	0.910	0.910
0.909				
K6D2AF_R	0.912	0.911	0.912	0.912
0.910				
K6D2AH_R	0.901	0.900	0.900	0.901
0.899				
P5Q3M	0.806	0.806	0.806	0.806
0.805				
P5Q3AB	0.806	0.805	0.805	0.806
0.804				
P5Q3AD	0.806	0.805	0.805	0.806
0.804				
P5Q3AF	0.807	0.806	0.806	0.807
0.805				
P5Q3AH	0.808	0.807	0.807	0.808
0.806				
P5Q3AR	0.808	0.807	0.807	0.808
0.806				
P5Q3AV	0.808	0.807	0.807	0.808
0.806				
P5Q3AX	0.808	0.808	0.808	0.808
0.806				
P5Q3BQ	0.807	0.806	0.806	0.807
0.805				
P5Q3CK	0.808	0.808	0.808	0.808
0.806				
P5Q3DB	0.797	0.797	0.797	0.797
0.795				
P5Q3E	0.803	0.802	0.802	0.803

0.801

Label					
P5Q3A0	0.807	0.806	0.806	0.807	0.805
P5Q3BK	0.806	0.806	0.806	0.806	0.805
P5Q3B0	0.809	0.808	0.808	0.809	0.807
P5Q3CU	0.808	0.807	0.807	0.808	0.806
P5Q3DA	0.805	0.805	0.805	0.805	0.803
P5Q3AS	0.808	0.807	0.807	0.808	0.806
P5Q3AU	0.806	0.806	0.806	0.806	0.804
P5Q3AZ	0.808	0.807	0.807	0.808	0.806
P5Q3BB1	0.806	0.805	0.805	0.806	0.804
P5Q3BB2	0.805	0.804	0.804	0.805	0.803
P5Q3BB5	0.803	0.802	0.802	0.803	0.801
P5Q3BB6	0.807	0.806	0.806	0.807	0.805
P5Q3BB7	0.798	0.797	0.797	0.798	0.796
P5Q3X	0.806	0.805	0.805	0.806	0.804
P5Q3AA	0.807	0.806	0.806	0.807	0.805
P5Q3AL	0.808	0.807	0.807	0.808	0.806
P5Q3AP	0.808	0.808	0.808	0.808	0.806
P5Q3BI	0.807	0.807	0.807	0.807	0.805
P5Q3BZ	0.809	0.808	0.808	0.809	0.807
P5Q3CJ	0.808	0.807	0.807	0.808	0.806
P5Q3C	0.801	0.800	0.800	0.801	0.799
P5Q30	0.806	0.806	0.806	0.806	0.804
P5Q3R	0.808	0.807	0.807	0.808	0.806
P5Q3S	0.808	0.807	0.807	0.808	0.806
P5Q3T	0.807	0.807	0.807	0.807	

```
0.805
  P5Q3U            0.807         0.806         0.806         0.807
0.805
  P5Q3V            0.802         0.801         0.801         0.802
0.800
  P5Q3AJ           0.808         0.807         0.807         0.808
0.806
  P5Q3BC           0.805         0.804         0.804         0.805
0.803
  P5Q3BN           0.808         0.808         0.808         0.808
0.806
  P5Q3CF           0.808         0.807         0.807         0.808
0.806
  P5Q3CG           0.808         0.807         0.807         0.808
0.806
  P5Q3CH           0.804         0.803         0.803         0.804
0.802
  P5Q3CI           0.807         0.807         0.807         0.807
0.805
  P5Q3CN           0.808         0.808         0.808         0.808
0.806
  P5Q3CO           0.808         0.808         0.808         0.808
0.806
  P5Q3CQ           0.808         0.808         0.808         0.808
0.806
  P5Q3CW           0.809         0.808         0.808         0.809
0.807
```

```
           Covariance Coverage
             K6D40_R       K6D48_R       K6F63_R       K6F68_R
K6F74_R

             _____      _____      _____      _____
_____
  K6D40_R      0.913
  K6D48_R      0.912         0.912
  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      0.912         0.912         0.911         0.911
0.911
  K6D2I_R      0.911         0.911         0.910         0.910
0.910
  K6D2K_R      0.912         0.911         0.910         0.910
0.911
```

K6D2L_R	0.912	0.912	0.911	0.911
0.911				
K6D2M_R	0.912	0.912	0.911	0.911
0.911				
K6D2O_R	0.912	0.911	0.910	0.910
0.911				
K6D2S_R	0.912	0.912	0.911	0.911
0.911				
K6D2V_R	0.912	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	0.912	0.912	0.911	0.911
0.911				
K6D2AE_R	0.910	0.910	0.909	0.909
0.909				
K6D2AF_R	0.912	0.912	0.911	0.911
0.911				
K6D2AH_R	0.901	0.900	0.900	0.900
0.900				
P5Q3M	0.807	0.806	0.806	0.805
0.806				
P5Q3AB	0.806	0.806	0.805	0.805
0.805				
P5Q3AD	0.806	0.806	0.805	0.805
0.805				
P5Q3AF	0.807	0.807	0.806	0.806
0.806				
P5Q3AH	0.808	0.808	0.807	0.807
0.807				
P5Q3AR	0.808	0.808	0.807	0.806
0.807				
P5Q3AV	0.808	0.808	0.807	0.807
0.807				
P5Q3AX	0.808	0.808	0.807	0.807
0.807				
P5Q3BQ	0.807	0.807	0.806	0.806
0.806				
P5Q3CK	0.809	0.808	0.808	0.807
0.808				
P5Q3DB	0.797	0.797	0.796	0.796
0.796				
P5Q3E	0.803	0.803	0.802	0.802
0.802				
P5Q3A0	0.807	0.807	0.806	0.806
0.806				
P5Q3BK	0.807	0.806	0.806	0.805
0.806				

P5Q3B0	0.809	0.809	0.808	0.808
0.808				
P5Q3CU	0.808	0.808	0.807	0.807
0.807				
P5Q3DA	0.805	0.805	0.804	0.804
0.804				
P5Q3AS	0.808	0.808	0.807	0.806
0.807				
P5Q3AU	0.806	0.806	0.805	0.805
0.805				
P5Q3AZ	0.808	0.808	0.807	0.806
0.807				
P5Q3BB1	0.806	0.806	0.805	0.805
0.805				
P5Q3BB2	0.805	0.805	0.804	0.804
0.804				
P5Q3BB5	0.803	0.803	0.802	0.802
0.802				
P5Q3BB6	0.807	0.807	0.806	0.806
0.806				
P5Q3BB7	0.798	0.798	0.797	0.797
0.797				
P5Q3X	0.806	0.806	0.805	0.805
0.805				
P5Q3AA	0.807	0.807	0.806	0.806
0.806				
P5Q3AL	0.808	0.808	0.807	0.806
0.807				
P5Q3AP	0.808	0.808	0.807	0.807
0.807				
P5Q3BI	0.808	0.807	0.806	0.806
0.806				
P5Q3BZ	0.809	0.809	0.808	0.808
0.808				
P5Q3CJ	0.808	0.808	0.807	0.806
0.807				
P5Q3C	0.801	0.801	0.800	0.800
0.800				
P5Q3O	0.806	0.806	0.805	0.805
0.805				
P5Q3R	0.808	0.808	0.807	0.806
0.807				
P5Q3S	0.808	0.808	0.807	0.806
0.807				
P5Q3T	0.808	0.807	0.806	0.806
0.806				
P5Q3U	0.807	0.807	0.806	0.806
0.806				
P5Q3V	0.802	0.802	0.801	0.801
0.801				

P5Q3AJ	0.808	0.808	0.807	0.807	0.807
P5Q3BC	0.805	0.805	0.804	0.804	0.804
P5Q3BN	0.809	0.808	0.808	0.807	0.808
P5Q3CF	0.808	0.808	0.807	0.807	0.807
P5Q3CG	0.808	0.808	0.807	0.806	0.807
P5Q3CH	0.804	0.804	0.803	0.803	0.803
P5Q3CI	0.808	0.807	0.806	0.806	0.806
P5Q3CN	0.809	0.808	0.808	0.807	0.808
P5Q3CO	0.809	0.808	0.808	0.807	0.808
P5Q3CQ	0.809	0.808	0.808	0.807	0.808
P5Q3CW	0.809	0.809	0.808	0.808	0.808

Covariance Coverage

	K6D2B_R	K6D2F_R	K6D2G_R	K6D2I_R	K6D2K_R
K6D2B_R	0.914				
K6D2F_R	0.914	0.915			
K6D2G_R	0.914	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	0.914	0.915	0.915	0.914	0.914
K6D2M_R	0.914	0.915	0.915	0.914	0.914
K6D2O_R	0.914	0.914	0.914	0.913	0.913
K6D2S_R	0.914	0.915	0.915	0.914	0.914
K6D2V_R	0.914	0.915	0.915	0.914	0.914
K6D2W_R	0.914	0.914	0.914	0.914	0.914
K6D2Y_R	0.914	0.914	0.914	0.913	0.914
K6D2AA_R	0.914	0.915	0.915	0.914	

0.914

K6D2AE_R	0.912	0.912	0.913	0.912
0.912				
K6D2AF_R	0.914	0.914	0.915	0.914
0.914				
K6D2AH_R	0.903	0.903	0.903	0.902
0.903				
P5Q3M	0.808	0.808	0.808	0.807
0.808				
P5Q3AB	0.807	0.808	0.808	0.807
0.807				
P5Q3AD	0.807	0.807	0.808	0.806
0.807				
P5Q3AF	0.808	0.808	0.809	0.808
0.808				
P5Q3AH	0.809	0.809	0.810	0.809
0.809				
P5Q3AR	0.809	0.809	0.809	0.808
0.809				
P5Q3AV	0.809	0.809	0.810	0.809
0.809				
P5Q3AX	0.809	0.810	0.810	0.809
0.809				
P5Q3BQ	0.808	0.808	0.809	0.808
0.808				
P5Q3CK	0.810	0.810	0.810	0.809
0.809				
P5Q3DB	0.798	0.799	0.799	0.798
0.798				
P5Q3E	0.804	0.805	0.805	0.804
0.804				
P5Q3A0	0.808	0.809	0.809	0.808
0.808				
P5Q3BK	0.808	0.808	0.808	0.807
0.808				
P5Q3B0	0.810	0.810	0.810	0.809
0.810				
P5Q3CU	0.809	0.809	0.810	0.809
0.809				
P5Q3DA	0.806	0.807	0.807	0.806
0.806				
P5Q3AS	0.809	0.809	0.809	0.808
0.809				
P5Q3AU	0.808	0.808	0.808	0.807
0.807				
P5Q3AZ	0.809	0.809	0.809	0.808
0.809				
P5Q3BB1	0.807	0.807	0.808	0.806
0.807				
P5Q3BB2	0.806	0.806	0.806	0.805

				0.806
P5Q3BB5	0.804	0.805	0.805	0.804
				0.804
P5Q3BB6	0.808	0.808	0.809	0.808
				0.808
P5Q3BB7	0.799	0.799	0.800	0.798
				0.799
P5Q3X	0.807	0.808	0.808	0.807
				0.807
P5Q3AA	0.808	0.809	0.809	0.808
				0.808
P5Q3AL	0.809	0.809	0.809	0.808
				0.809
P5Q3AP	0.809	0.810	0.810	0.809
				0.809
P5Q3BI	0.809	0.809	0.809	0.808
				0.808
P5Q3BZ	0.810	0.810	0.811	0.810
				0.810
P5Q3CJ	0.809	0.809	0.809	0.808
				0.809
P5Q3C	0.802	0.802	0.803	0.802
				0.802
P5Q3O	0.808	0.808	0.808	0.807
				0.807
P5Q3R	0.809	0.809	0.809	0.808
				0.809
P5Q3S	0.809	0.809	0.809	0.808
				0.809
P5Q3T	0.809	0.809	0.809	0.808
				0.808
P5Q3U	0.808	0.809	0.809	0.808
				0.808
P5Q3V	0.803	0.803	0.803	0.802
				0.802
P5Q3AJ	0.809	0.809	0.810	0.809
				0.809
P5Q3BC	0.806	0.806	0.807	0.806
				0.806
P5Q3BN	0.810	0.810	0.810	0.809
				0.809
P5Q3CF	0.809	0.809	0.810	0.809
				0.809
P5Q3CG	0.809	0.809	0.809	0.808
				0.809
P5Q3CH	0.805	0.805	0.806	0.805
				0.805
P5Q3CI	0.809	0.809	0.809	0.808
				0.808
P5Q3CN	0.810	0.810	0.810	0.809

```
0.809
  P5Q3C0          0.810          0.810          0.810          0.809
0.809
  P5Q3CQ          0.810          0.810          0.810          0.809
0.809
  P5Q3CW          0.810          0.810          0.810          0.809
0.810
```

Covariance Coverage

	K6D2L_R	K6D2M_R	K6D2O_R	K6D2S_R
K6D2V_R				
_____	_____	_____	_____	_____
_____				
K6D2L_R	0.915			
K6D2M_R	0.915	0.915		
K6D2O_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	0.914	0.914	0.914	0.914
0.914				
K6D2Y_R	0.914	0.914	0.914	0.914
0.914				
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	0.902	0.903
0.903				
P5Q3M	0.808	0.808	0.808	0.808
0.808				
P5Q3AB	0.808	0.808	0.807	0.808
0.808				
P5Q3AD	0.808	0.808	0.807	0.808
0.808				
P5Q3AF	0.809	0.809	0.808	0.809
0.809				
P5Q3AH	0.810	0.810	0.809	0.810
0.810				
P5Q3AR	0.809	0.809	0.809	0.809
0.809				
P5Q3AV	0.810	0.810	0.809	0.810
0.810				
P5Q3AX	0.810	0.810	0.809	0.810
0.810				
P5Q3BQ	0.809	0.809	0.808	0.809
0.809				

P5Q3CK	0.810	0.810	0.810	0.810
0.810				
P5Q3DB	0.799	0.799	0.798	0.799
0.799				
P5Q3E	0.805	0.805	0.804	0.805
0.805				
P5Q3A0	0.809	0.809	0.808	0.809
0.809				
P5Q3BK	0.808	0.808	0.808	0.808
0.808				
P5Q3B0	0.810	0.810	0.810	0.810
0.810				
P5Q3CU	0.810	0.810	0.809	0.810
0.810				
P5Q3DA	0.807	0.807	0.806	0.807
0.807				
P5Q3AS	0.809	0.809	0.809	0.809
0.809				
P5Q3AU	0.808	0.808	0.808	0.808
0.808				
P5Q3AZ	0.809	0.809	0.809	0.809
0.809				
P5Q3BB1	0.808	0.808	0.807	0.808
0.808				
P5Q3BB2	0.806	0.806	0.806	0.806
0.806				
P5Q3BB5	0.805	0.805	0.804	0.805
0.805				
P5Q3BB6	0.809	0.809	0.808	0.809
0.809				
P5Q3BB7	0.800	0.800	0.799	0.800
0.800				
P5Q3X	0.808	0.808	0.807	0.808
0.808				
P5Q3AA	0.809	0.809	0.808	0.809
0.809				
P5Q3AL	0.809	0.809	0.809	0.809
0.809				
P5Q3AP	0.810	0.810	0.809	0.810
0.810				
P5Q3BI	0.809	0.809	0.809	0.809
0.809				
P5Q3BZ	0.811	0.811	0.810	0.811
0.811				
P5Q3CJ	0.809	0.809	0.809	0.809
0.809				
P5Q3C	0.803	0.803	0.802	0.803
0.803				
P5Q3O	0.808	0.808	0.808	0.808
0.808				

P5Q3R	0.809	0.809	0.809	0.809
0.809				
P5Q3S	0.809	0.809	0.809	0.809
0.809				
P5Q3T	0.809	0.809	0.809	0.809
0.809				
P5Q3U	0.809	0.809	0.808	0.809
0.809				
P5Q3V	0.803	0.803	0.803	0.803
0.803				
P5Q3AJ	0.810	0.810	0.809	0.810
0.810				
P5Q3BC	0.807	0.807	0.806	0.807
0.807				
P5Q3BN	0.810	0.810	0.810	0.810
0.810				
P5Q3CF	0.810	0.810	0.809	0.810
0.810				
P5Q3CG	0.809	0.809	0.809	0.809
0.809				
P5Q3CH	0.806	0.806	0.805	0.806
0.806				
P5Q3CI	0.809	0.809	0.809	0.809
0.809				
P5Q3CN	0.810	0.810	0.810	0.810
0.810				
P5Q3CO	0.810	0.810	0.810	0.810
0.810				
P5Q3CQ	0.810	0.810	0.810	0.810
0.810				
P5Q3CW	0.810	0.810	0.810	0.810
0.810				

Covariance Coverage

	K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R
K6D2AF_R				
	_____	_____	_____	_____
_____				
K6D2W_R	0.914			
K6D2Y_R	0.914	0.914		
K6D2AA_R	0.914	0.914	0.915	
K6D2AE_R	0.912	0.912	0.913	0.913
K6D2AF_R	0.914	0.914	0.915	0.912
0.915				
K6D2AH_R	0.903	0.903	0.903	0.901
0.903				
P5Q3M	0.808	0.808	0.808	0.806
0.808				
P5Q3AB	0.807	0.808	0.808	0.806

```
0.808
  P5Q3AD        0.807       0.807       0.808       0.806
0.808
  P5Q3AF        0.808       0.808       0.809       0.807
0.809
  P5Q3AH        0.809       0.809       0.810       0.808
0.810
  P5Q3AR        0.809       0.809       0.809       0.808
0.809
  P5Q3AV        0.809       0.809       0.810       0.808
0.810
  P5Q3AX        0.809       0.810       0.810       0.808
0.810
  P5Q3BQ        0.808       0.808       0.809       0.807
0.809
  P5Q3CK        0.810       0.810       0.810       0.808
0.810
  P5Q3DB        0.798       0.799       0.799       0.797
0.799
  P5Q3E         0.804       0.805       0.805       0.803
0.805
  P5Q3A0        0.808       0.809       0.809       0.807
0.809
  P5Q3BK        0.808       0.808       0.808       0.806
0.808
  P5Q3B0        0.810       0.810       0.810       0.809
0.810
  P5Q3CU        0.809       0.809       0.810       0.808
0.810
  P5Q3DA        0.806       0.807       0.807       0.805
0.807
  P5Q3AS        0.809       0.809       0.809       0.808
0.809
  P5Q3AU        0.808       0.808       0.808       0.806
0.808
  P5Q3AZ        0.809       0.809       0.809       0.808
0.809
  P5Q3BB1       0.807       0.807       0.808       0.806
0.808
  P5Q3BB2       0.806       0.806       0.806       0.805
0.806
  P5Q3BB5       0.804       0.805       0.805       0.803
0.805
  P5Q3BB6       0.808       0.808       0.809       0.807
0.809
  P5Q3BB7       0.799       0.799       0.800       0.798
0.800
  P5Q3X         0.807       0.808       0.808       0.806
0.808
  P5Q3AA        0.808       0.809       0.809       0.807
```

```
0.809
  P5Q3AL        0.809         0.809         0.809         0.808
0.809
  P5Q3AP        0.809         0.810         0.810         0.808
0.810
  P5Q3BI        0.809         0.809         0.809         0.807
0.809
  P5Q3BZ        0.810         0.810         0.811         0.809
0.811
  P5Q3CJ        0.809         0.809         0.809         0.808
0.809
  P5Q3C         0.802         0.802         0.803         0.801
0.803
  P5Q3O         0.808         0.808         0.808         0.806
0.808
  P5Q3R         0.809         0.809         0.809         0.808
0.809
  P5Q3S         0.809         0.809         0.809         0.808
0.809
  P5Q3T         0.809         0.809         0.809         0.807
0.809
  P5Q3U         0.808         0.809         0.809         0.807
0.809
  P5Q3V         0.803         0.803         0.803         0.801
0.803
  P5Q3AJ        0.809         0.809         0.810         0.808
0.810
  P5Q3BC        0.806         0.806         0.807         0.805
0.807
  P5Q3BN        0.810         0.810         0.810         0.808
0.810
  P5Q3CF        0.809         0.809         0.810         0.808
0.810
  P5Q3CG        0.809         0.809         0.809         0.808
0.809
  P5Q3CH        0.805         0.805         0.806         0.804
0.806
  P5Q3CI        0.809         0.809         0.809         0.807
0.809
  P5Q3CN        0.810         0.810         0.810         0.808
0.810
  P5Q3CO        0.810         0.810         0.810         0.808
0.810
  P5Q3CQ        0.810         0.810         0.810         0.808
0.810
  P5Q3CW        0.810         0.810         0.810         0.809
0.810


          Covariance Coverage
```

	K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD	P5Q3AF
K6D2AH_R	0.903				
P5Q3M	0.797	0.889			
P5Q3AB	0.797	0.884	0.888		
P5Q3AD	0.797	0.885	0.885	0.888	
P5Q3AF	0.798	0.886	0.886	0.886	0.889
P5Q3AH	0.799	0.887	0.887	0.887	0.888
P5Q3AR	0.798	0.887	0.887	0.887	0.888
P5Q3AV	0.799	0.887	0.887	0.887	0.888
P5Q3AX	0.799	0.887	0.887	0.888	0.888
P5Q3BQ	0.798	0.885	0.884	0.885	0.886
P5Q3CK	0.799	0.887	0.887	0.887	0.888
P5Q3DB	0.788	0.875	0.874	0.874	0.876
P5Q3E	0.794	0.884	0.881	0.881	0.882
P5Q3A0	0.798	0.886	0.887	0.887	0.888
P5Q3BK	0.797	0.885	0.884	0.884	0.885
P5Q3B0	0.800	0.887	0.886	0.887	0.888
P5Q3CU	0.799	0.887	0.886	0.887	0.888
P5Q3DA	0.796	0.884	0.883	0.883	0.885
P5Q3AS	0.798	0.886	0.886	0.887	0.888
P5Q3AU	0.797	0.885	0.885	0.885	0.886
P5Q3AZ	0.798	0.887	0.886	0.887	0.888
P5Q3BB1	0.797	0.885	0.884	0.885	0.886
P5Q3BB2	0.796	0.883	0.883	0.883	0.884
P5Q3BB5	0.794	0.882	0.881	0.882	0.883
P5Q3BB6	0.798	0.885	0.884	0.885	0.886

P5Q3BB7	0.789	0.876	0.875	0.876
0.877				
P5Q3X	0.797	0.885	0.885	0.885
0.886				
P5Q3AA	0.798	0.886	0.886	0.887
0.887				
P5Q3AL	0.798	0.886	0.887	0.887
0.888				
P5Q3AP	0.799	0.887	0.887	0.887
0.888				
P5Q3BI	0.798	0.886	0.885	0.886
0.887				
P5Q3BZ	0.800	0.888	0.887	0.888
0.888				
P5Q3CJ	0.798	0.886	0.885	0.885
0.887				
P5Q3C	0.792	0.882	0.878	0.880
0.880				
P5Q3O	0.797	0.887	0.884	0.884
0.886				
P5Q3R	0.798	0.889	0.885	0.885
0.887				
P5Q3S	0.798	0.889	0.886	0.886
0.888				
P5Q3T	0.798	0.887	0.886	0.887
0.888				
P5Q3U	0.798	0.886	0.886	0.887
0.888				
P5Q3V	0.793	0.879	0.879	0.879
0.880				
P5Q3AJ	0.799	0.887	0.887	0.888
0.889				
P5Q3BC	0.796	0.884	0.883	0.884
0.885				
P5Q3BN	0.799	0.888	0.887	0.887
0.888				
P5Q3CF	0.799	0.887	0.885	0.886
0.887				
P5Q3CG	0.798	0.887	0.886	0.886
0.887				
P5Q3CH	0.795	0.882	0.881	0.881
0.882				
P5Q3CI	0.798	0.886	0.885	0.885
0.886				
P5Q3CN	0.800	0.887	0.887	0.887
0.888				
P5Q3CO	0.800	0.888	0.886	0.887
0.888				
P5Q3CQ	0.800	0.887	0.886	0.887
0.888				

| P5Q3CW | 0.800 | 0.888 | 0.887 | 0.887 |
| 0.888 | | | | |

Covariance Coverage

	P5Q3AH	P5Q3AR	P5Q3AV	P5Q3AX
P5Q3BQ				
	_____	_____	_____	_____
_____				
P5Q3AH	0.890			
P5Q3AR	0.889	0.891		
P5Q3AV	0.889	0.890	0.891	
P5Q3AX	0.889	0.889	0.889	0.891
P5Q3BQ	0.887	0.887	0.887	0.887
0.889				
P5Q3CK	0.889	0.889	0.889	0.889
0.888				
P5Q3DB	0.876	0.876	0.877	0.877
0.875				
P5Q3E	0.883	0.883	0.883	0.883
0.882				
P5Q3A0	0.889	0.888	0.888	0.889
0.886				
P5Q3BK	0.886	0.887	0.887	0.887
0.885				
P5Q3B0	0.888	0.889	0.889	0.889
0.888				
P5Q3CU	0.888	0.889	0.889	0.889
0.887				
P5Q3DA	0.885	0.886	0.886	0.886
0.884				
P5Q3AS	0.888	0.889	0.889	0.889
0.886				
P5Q3AU	0.887	0.888	0.888	0.888
0.885				
P5Q3AZ	0.888	0.889	0.889	0.889
0.887				
P5Q3BB1	0.886	0.887	0.887	0.887
0.884				
P5Q3BB2	0.885	0.885	0.885	0.885
0.883				
P5Q3BB5	0.884	0.884	0.884	0.884
0.882				
P5Q3BB6	0.886	0.887	0.887	0.887
0.884				
P5Q3BB7	0.877	0.878	0.878	0.878
0.876				
P5Q3X	0.887	0.887	0.887	0.887
0.884				
P5Q3AA	0.888	0.888	0.888	0.889

0.886
| P5Q3AL | 0.889 | 0.889 | 0.889 | 0.889 |
0.887
| P5Q3AP | 0.889 | 0.889 | 0.889 | 0.889 |
0.887
| P5Q3BI | 0.887 | 0.888 | 0.888 | 0.888 |
0.887
| P5Q3BZ | 0.889 | 0.889 | 0.889 | 0.890 |
0.888
| P5Q3CJ | 0.888 | 0.888 | 0.888 | 0.888 |
0.886
| P5Q3C | 0.881 | 0.881 | 0.881 | 0.881 |
0.880
| P5Q3O | 0.886 | 0.887 | 0.887 | 0.887 |
0.885
| P5Q3R | 0.887 | 0.888 | 0.888 | 0.888 |
0.886
| P5Q3S | 0.888 | 0.888 | 0.888 | 0.888 |
0.887
| P5Q3T | 0.888 | 0.888 | 0.889 | 0.889 |
0.886
| P5Q3U | 0.888 | 0.889 | 0.888 | 0.889 |
0.886
| P5Q3V | 0.881 | 0.881 | 0.881 | 0.881 |
0.878
| P5Q3AJ | 0.889 | 0.889 | 0.889 | 0.890 |
0.887
| P5Q3BC | 0.885 | 0.886 | 0.886 | 0.886 |
0.883
| P5Q3BN | 0.889 | 0.889 | 0.889 | 0.889 |
0.888
| P5Q3CF | 0.888 | 0.888 | 0.888 | 0.888 |
0.886
| P5Q3CG | 0.888 | 0.889 | 0.889 | 0.889 |
0.887
| P5Q3CH | 0.884 | 0.884 | 0.884 | 0.884 |
0.882
| P5Q3CI | 0.887 | 0.887 | 0.888 | 0.887 |
0.885
| P5Q3CN | 0.889 | 0.889 | 0.889 | 0.890 |
0.888
| P5Q3CO | 0.888 | 0.889 | 0.889 | 0.889 |
0.887
| P5Q3CQ | 0.888 | 0.889 | 0.889 | 0.889 |
0.887
| P5Q3CW | 0.889 | 0.890 | 0.890 | 0.890 |
0.888

Covariance Coverage

	P5Q3CK	P5Q3DB	P5Q3E	P5Q3A0	P5Q3BK
P5Q3CK	0.891				
P5Q3DB	0.877	0.878			
P5Q3E	0.884	0.872	0.885		
P5Q3A0	0.888	0.876	0.882	0.890	
P5Q3BK	0.887	0.874	0.881	0.886	0.888
P5Q3B0	0.889	0.877	0.883	0.888	0.887
P5Q3CU	0.890	0.877	0.883	0.888	0.887
P5Q3DA	0.886	0.875	0.880	0.885	0.883
P5Q3AS	0.888	0.876	0.882	0.888	0.886
P5Q3AU	0.887	0.874	0.881	0.887	0.885
P5Q3AZ	0.889	0.876	0.883	0.888	0.886
P5Q3BB1	0.887	0.874	0.881	0.886	0.884
P5Q3BB2	0.885	0.872	0.880	0.884	0.882
P5Q3BB5	0.884	0.871	0.878	0.883	0.881
P5Q3BB6	0.887	0.874	0.881	0.886	0.884
P5Q3BB7	0.878	0.865	0.872	0.877	0.875
P5Q3X	0.887	0.874	0.881	0.886	0.884
P5Q3AA	0.888	0.876	0.882	0.888	0.885
P5Q3AL	0.889	0.876	0.882	0.888	0.886
P5Q3AP	0.889	0.876	0.883	0.889	0.886
P5Q3BI	0.888	0.876	0.882	0.887	0.887
P5Q3BZ	0.890	0.878	0.884	0.889	0.888
P5Q3CJ	0.889	0.876	0.882	0.887	0.886
P5Q3C	0.882	0.870	0.878	0.880	0.879
P5Q3O	0.887	0.875	0.883	0.886	0.884

P5Q3R	0.888	0.876	0.885	0.887
0.885				
P5Q3S	0.889	0.876	0.885	0.887
0.886				
P5Q3T	0.888	0.876	0.883	0.888
0.885				
P5Q3U	0.888	0.876	0.882	0.888
0.886				
P5Q3V	0.881	0.868	0.875	0.880
0.878				
P5Q3AJ	0.889	0.877	0.883	0.890
0.887				
P5Q3BC	0.885	0.873	0.880	0.885
0.883				
P5Q3BN	0.889	0.877	0.884	0.888
0.887				
P5Q3CF	0.889	0.876	0.882	0.887
0.886				
P5Q3CG	0.889	0.876	0.883	0.888
0.887				
P5Q3CH	0.885	0.873	0.879	0.883
0.882				
P5Q3CI	0.888	0.876	0.882	0.886
0.885				
P5Q3CN	0.890	0.877	0.884	0.889
0.887				
P5Q3CO	0.890	0.877	0.884	0.888
0.887				
P5Q3CQ	0.890	0.877	0.883	0.888
0.887				
P5Q3CW	0.891	0.877	0.884	0.889
0.888				

Covariance Coverage

	P5Q3BO	P5Q3CU	P5Q3DA	P5Q3AS
P5Q3AU				
	_____	_____	_____	_____
_____				
P5Q3BO	0.891			
P5Q3CU	0.889	0.891		
P5Q3DA	0.886	0.886	0.888	
P5Q3AS	0.888	0.888	0.885	0.890
P5Q3AU	0.887	0.887	0.884	0.887
0.889				
P5Q3AZ	0.888	0.888	0.885	0.889
0.887				
P5Q3BB1	0.886	0.886	0.883	0.886
0.885				
P5Q3BB2	0.885	0.885	0.882	0.885

				0.883
P5Q3BB5	0.884	0.884	0.881	0.884
				0.882
P5Q3BB6	0.886	0.886	0.883	0.886
				0.885
P5Q3BB7	0.877	0.878	0.874	0.878
				0.876
P5Q3X	0.886	0.886	0.883	0.886
				0.884
P5Q3AA	0.888	0.888	0.884	0.888
				0.886
P5Q3AL	0.888	0.888	0.885	0.888
				0.887
P5Q3AP	0.889	0.888	0.885	0.888
				0.887
P5Q3BI	0.888	0.888	0.885	0.887
				0.886
P5Q3BZ	0.890	0.890	0.887	0.889
				0.887
P5Q3CJ	0.888	0.888	0.885	0.887
				0.886
P5Q3C	0.882	0.881	0.878	0.880
				0.879
P5Q3O	0.887	0.887	0.884	0.886
				0.884
P5Q3R	0.888	0.888	0.885	0.887
				0.886
P5Q3S	0.888	0.888	0.885	0.888
				0.886
P5Q3T	0.888	0.888	0.885	0.888
				0.886
P5Q3U	0.888	0.888	0.885	0.888
				0.886
P5Q3V	0.881	0.880	0.878	0.880
				0.879
P5Q3AJ	0.889	0.889	0.886	0.889
				0.888
P5Q3BC	0.885	0.885	0.882	0.885
				0.884
P5Q3BN	0.889	0.889	0.887	0.889
				0.887
P5Q3CF	0.888	0.888	0.885	0.887
				0.886
P5Q3CG	0.889	0.889	0.886	0.888
				0.887
P5Q3CH	0.884	0.884	0.881	0.883
				0.882
P5Q3CI	0.887	0.888	0.885	0.887
				0.885
P5Q3CN	0.889	0.890	0.886	0.888

```
0.887
 P5Q3C0         0.889          0.890          0.886          0.888
0.888
 P5Q3CQ         0.889          0.889          0.886          0.888
0.887
 P5Q3CW         0.890          0.890          0.887          0.889
0.888
```

Covariance Coverage

	P5Q3AZ	P5Q3BB1	P5Q3BB2	P5Q3BB5	P5Q3BB6
P5Q3AZ	0.891				
P5Q3BB1	0.887	0.888			
P5Q3BB2	0.885	0.885	0.887		
P5Q3BB5	0.884	0.883	0.882	0.886	
P5Q3BB6	0.887	0.886	0.885	0.884	0.888
P5Q3BB7	0.878	0.877	0.876	0.875	0.878
P5Q3X	0.886	0.884	0.883	0.882	0.884
P5Q3AA	0.888	0.886	0.884	0.883	0.886
P5Q3AL	0.888	0.886	0.885	0.884	0.886
P5Q3AP	0.889	0.887	0.885	0.884	0.887
P5Q3BI	0.888	0.885	0.884	0.883	0.885
P5Q3BZ	0.889	0.887	0.885	0.884	0.887
P5Q3CJ	0.887	0.885	0.884	0.882	0.885
P5Q3C	0.881	0.879	0.877	0.876	0.879
P5Q3O	0.886	0.884	0.883	0.881	0.884
P5Q3R	0.888	0.885	0.884	0.883	0.885
P5Q3S	0.888	0.886	0.884	0.883	0.886
P5Q3T	0.888	0.886	0.885	0.883	0.886
P5Q3U	0.888	0.886	0.884	0.883	0.886
P5Q3V	0.881	0.879	0.877	0.876	0.878

P5Q3AJ	0.889	0.887	0.885	0.884
0.887				
P5Q3BC	0.886	0.884	0.882	0.882
0.884				
P5Q3BN	0.889	0.887	0.886	0.885
0.887				
P5Q3CF	0.888	0.885	0.884	0.883
0.885				
P5Q3CG	0.888	0.886	0.885	0.884
0.886				
P5Q3CH	0.883	0.881	0.880	0.878
0.881				
P5Q3CI	0.887	0.885	0.883	0.882
0.885				
P5Q3CN	0.889	0.887	0.885	0.884
0.887				
P5Q3CO	0.889	0.887	0.885	0.884
0.887				
P5Q3CQ	0.888	0.887	0.885	0.884
0.887				
P5Q3CW	0.889	0.887	0.886	0.885
0.887				

Covariance Coverage

	P5Q3BB7	P5Q3X	P5Q3AA	P5Q3AL	P5Q3AP
P5Q3BB7	0.880				
P5Q3X	0.876	0.888			
P5Q3AA	0.877	0.886	0.889		
P5Q3AL	0.877	0.887	0.888	0.890	
P5Q3AP	0.878	0.887	0.888	0.889	0.890
P5Q3BI	0.877	0.885	0.887	0.887	0.888
P5Q3BZ	0.878	0.887	0.889	0.889	0.889
P5Q3CJ	0.876	0.885	0.887	0.887	0.887
P5Q3C	0.870	0.879	0.880	0.881	0.881
P5Q3O	0.875	0.884	0.885	0.886	0.886
P5Q3R	0.877	0.885	0.887	0.887	0.887
P5Q3S	0.877	0.886	0.887	0.888	0.888
P5Q3T	0.877	0.886	0.888	0.888	

				0.888
P5Q3U	0.877	0.886	0.888	0.888
				0.888
P5Q3V	0.870	0.879	0.880	0.881
				0.881
P5Q3AJ	0.878	0.887	0.889	0.889
				0.889
P5Q3BC	0.875	0.883	0.885	0.885
				0.885
P5Q3BN	0.878	0.887	0.888	0.889
				0.889
P5Q3CF	0.877	0.885	0.887	0.887
				0.888
P5Q3CG	0.877	0.886	0.887	0.888
				0.888
P5Q3CH	0.872	0.881	0.882	0.883
				0.883
P5Q3CI	0.876	0.885	0.886	0.887
				0.887
P5Q3CN	0.878	0.887	0.888	0.889
				0.889
P5Q3CO	0.878	0.886	0.888	0.888
				0.889
P5Q3CQ	0.878	0.886	0.888	0.888
				0.889
P5Q3CW	0.878	0.887	0.888	0.889
				0.889

Covariance Coverage

	P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C	P5Q3O
P5Q3BI	0.890				
P5Q3BZ	0.889	0.892			
P5Q3CJ	0.887	0.889	0.889		
P5Q3C	0.880	0.882	0.880	0.883	
P5Q3O	0.886	0.888	0.886	0.881	0.889
P5Q3R	0.887	0.889	0.887	0.883	0.888
P5Q3S	0.888	0.889	0.887	0.883	0.888
P5Q3T	0.887	0.889	0.887	0.880	0.886
P5Q3U	0.887	0.889	0.887	0.880	0.885
P5Q3V	0.880	0.881	0.879	0.873	0.878

P5Q3AJ	0.888	0.890	0.888	0.881
0.887				
P5Q3BC	0.884	0.886	0.884	0.878
0.883				
P5Q3BN	0.889	0.890	0.888	0.882
0.888				
P5Q3CF	0.887	0.889	0.888	0.881
0.886				
P5Q3CG	0.888	0.889	0.888	0.881
0.887				
P5Q3CH	0.883	0.885	0.884	0.876
0.882				
P5Q3CI	0.887	0.888	0.887	0.880
0.885				
P5Q3CN	0.888	0.890	0.889	0.882
0.887				
P5Q3CO	0.888	0.890	0.888	0.882
0.887				
P5Q3CQ	0.888	0.890	0.888	0.881
0.887				
P5Q3CW	0.889	0.891	0.889	0.882
0.888				

Covariance Coverage

	P5Q3R	P5Q3S	P5Q3T	P5Q3U
P5Q3V				
	_____	_____	_____	_____
_____				
P5Q3R	0.890			
P5Q3S	0.890	0.890		
P5Q3T	0.887	0.888	0.890	
P5Q3U	0.887	0.887	0.888	0.890
P5Q3V	0.880	0.880	0.881	0.880
0.882				
P5Q3AJ	0.888	0.888	0.889	0.889
0.881				
P5Q3BC	0.884	0.885	0.885	0.885
0.877				
P5Q3BN	0.889	0.889	0.889	0.888
0.881				
P5Q3CF	0.887	0.888	0.887	0.887
0.880				
P5Q3CG	0.888	0.888	0.888	0.888
0.880				
P5Q3CH	0.883	0.884	0.883	0.883
0.875				
P5Q3CI	0.887	0.887	0.887	0.886
0.879				
P5Q3CN	0.888	0.889	0.888	0.888

```
0.881
   P5Q3CO          0.888           0.889           0.888           0.888
0.881
   P5Q3CQ          0.888           0.888           0.888           0.888
0.881
   P5Q3CW          0.889           0.889           0.889           0.889
0.881


              Covariance Coverage
                 P5Q3AJ          P5Q3BC          P5Q3BN          P5Q3CF
 P5Q3CG

 _____
   P5Q3AJ          0.891
   P5Q3BC          0.886           0.887
   P5Q3BN          0.889           0.886           0.891
   P5Q3CF          0.888           0.884           0.889           0.890
   P5Q3CG          0.889           0.885           0.889           0.889
0.891
   P5Q3CH          0.884           0.880           0.884           0.884
0.884
   P5Q3CI          0.887           0.884           0.888           0.887
0.888
   P5Q3CN          0.889           0.885           0.889           0.889
0.889
   P5Q3CO          0.889           0.886           0.890           0.889
0.890
   P5Q3CQ          0.889           0.885           0.889           0.889
0.889
   P5Q3CW          0.890           0.886           0.890           0.889
0.890


              Covariance Coverage
                 P5Q3CH          P5Q3CI          P5Q3CN          P5Q3CO
 P5Q3CQ

 _____
   P5Q3CH          0.886
   P5Q3CI          0.883           0.889
   P5Q3CN          0.885           0.888           0.891
   P5Q3CO          0.885           0.888           0.890           0.891
   P5Q3CQ          0.884           0.888           0.890           0.890
0.891
   P5Q3CW          0.885           0.889           0.891           0.891
0.890


              Covariance Coverage
```

```
                    P5Q3CW

                    _____
P5Q3CW               0.892


UNIVARIATE PROPORTIONS AND COUNTS FOR CATEGORICAL VARIABLES

    K6B1A_R
      Category 1      0.046           156.000
      Category 2      0.079           267.000
      Category 3      0.399          1345.000
      Category 4      0.475          1599.000
    K6B1B_R
      Category 1      0.037           125.000
      Category 2      0.070           237.000
      Category 3      0.329          1107.000
      Category 4      0.563          1896.000
    K6B1C_R
      Category 1      0.056           189.000
      Category 2      0.059           200.000
      Category 3      0.311          1047.000
      Category 4      0.573          1929.000
    K6B1D_R
      Category 1      0.024            82.000
      Category 2      0.039           131.000
      Category 3      0.234           787.000
      Category 4      0.703          2364.000
    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           1896.000
   Category 2         0.192            656.000
   Category 3         0.202            690.000
   Category 4         0.051            173.000
K6D2AI_R
   Category 1         0.575           1960.000
   Category 2         0.191            651.000
   Category 3         0.162            551.000
   Category 4         0.073            249.000
K6D2D_R
   Category 1         0.593           2019.000
   Category 2         0.186            632.000
   Category 3         0.165            560.000
   Category 4         0.056            191.000
K6D2J_R
   Category 1         0.314           1057.000
   Category 2         0.270            910.000
   Category 3         0.332           1118.000
   Category 4         0.084            282.000
K6D2T_R
   Category 1         0.645           2205.000
   Category 2         0.144            493.000
   Category 3         0.153            524.000
   Category 4         0.057            194.000
K6D2AC_R
   Category 1         0.690           2357.000
   Category 2         0.134            456.000
   Category 3         0.138            472.000
   Category 4         0.038            129.000
K6D2AK_R
   Category 1         0.495           1689.000
   Category 2         0.202            691.000
   Category 3         0.219            746.000
   Category 4         0.084            287.000
K6D2C_R
   Category 1         0.394           1330.000
   Category 2         0.187            633.000
   Category 3         0.304           1026.000
   Category 4         0.115            388.000
K6D2N_R
   Category 1         0.586           1999.000
   Category 2         0.199            678.000
   Category 3         0.174            592.000
   Category 4         0.042            143.000
K6D2X_R
   Category 1         0.844           2880.000
   Category 2         0.078            267.000
   Category 3         0.062            211.000
```

```
         Category 4     0.016            55.000
K6D2A_R
  Category 1     0.177           605.000
  Category 2     0.189           644.000
  Category 3     0.456          1559.000
  Category 4     0.178           608.000
K6D2P_R
  Category 1     0.259           886.000
  Category 2     0.221           754.000
  Category 3     0.372          1270.000
  Category 4     0.148           505.000
K6D2R_R
  Category 1     0.177           605.000
  Category 2     0.241           823.000
  Category 3     0.437          1491.000
  Category 4     0.144           493.000
K6D2Z_R
  Category 1     0.192           655.000
  Category 2     0.206           704.000
  Category 3     0.447          1524.000
  Category 4     0.155           530.000
K6D2AB_R
  Category 1     0.208           712.000
  Category 2     0.222           759.000
  Category 3     0.369          1261.000
  Category 4     0.200           683.000
K6D2AJ_R
  Category 1     0.409          1396.000
  Category 2     0.200           682.000
  Category 3     0.269           918.000
  Category 4     0.123           419.000
K6D61C
  Category 1     0.919          3133.000
  Category 2     0.065           223.000
  Category 3     0.009            29.000
  Category 4     0.007            24.000
K6D61D
  Category 1     0.750          2558.000
  Category 2     0.188           640.000
  Category 3     0.036           124.000
  Category 4     0.026            87.000
K6D61E
  Category 1     0.904          3079.000
  Category 2     0.078           265.000
  Category 3     0.011            38.000
  Category 4     0.007            24.000
K6D61K
  Category 1     0.911          3104.000
  Category 2     0.073           249.000
  Category 3     0.008            26.000
```

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  Category 4      0.008           28.000
K6D61L
  Category 1      0.875         2982.000
  Category 2      0.101          343.000
  Category 3      0.014           47.000
  Category 4      0.011           37.000
K6D61M
  Category 1      0.733         2493.000
  Category 2      0.202          687.000
  Category 3      0.036          122.000
  Category 4      0.029          100.000
K6D40_R
  Category 1      0.947         3228.000
  Category 2      0.053          182.000
K6D48_R
  Category 1      0.831         2832.000
  Category 2      0.169          577.000
K6F63_R
  Category 1      0.784         2669.000
  Category 2      0.216          735.000
K6F68_R
  Category 1      0.984         3351.000
  Category 2      0.016           53.000
K6F74_R
  Category 1      0.980         3336.000
  Category 2      0.020           69.000
K6D2B_R
  Category 1      0.020           67.000
  Category 2      0.029          100.000
  Category 3      0.202          690.000
  Category 4      0.749         2559.000
K6D2F_R
  Category 1      0.030          103.000
  Category 2      0.052          177.000
  Category 3      0.361         1234.000
  Category 4      0.557         1903.000
K6D2G_R
  Category 1      0.015           50.000
  Category 2      0.013           43.000
  Category 3      0.151          515.000
  Category 4      0.822         2810.000
K6D2I_R
  Category 1      0.028           97.000
  Category 2      0.081          276.000
  Category 3      0.444         1515.000
  Category 4      0.447         1526.000
K6D2K_R
  Category 1      0.021           71.000
  Category 2      0.067          230.000
  Category 3      0.430         1467.000
```

```
       Category 4      0.482           1647.000
K6D2L_R
   Category 1      0.006             20.000
   Category 2      0.010             34.000
   Category 3      0.096            328.000
   Category 4      0.888           3036.000
K6D2M_R
   Category 1      0.012             40.000
   Category 2      0.044            151.000
   Category 3      0.443           1515.000
   Category 4      0.501           1712.000
K6D2O_R
   Category 1      0.067            229.000
   Category 2      0.052            176.000
   Category 3      0.276            943.000
   Category 4      0.605           2067.000
K6D2S_R
   Category 1      0.015             51.000
   Category 2      0.038            131.000
   Category 3      0.289            987.000
   Category 4      0.658           2249.000
K6D2V_R
   Category 1      0.009             30.000
   Category 2      0.021             71.000
   Category 3      0.352           1203.000
   Category 4      0.618           2114.000
K6D2W_R
   Category 1      0.017             57.000
   Category 2      0.059            200.000
   Category 3      0.356           1217.000
   Category 4      0.569           1942.000
K6D2Y_R
   Category 1      0.017             57.000
   Category 2      0.033            114.000
   Category 3      0.201            686.000
   Category 4      0.749           2559.000
K6D2AA_R
   Category 1      0.015             52.000
   Category 2      0.036            123.000
   Category 3      0.283            968.000
   Category 4      0.666           2275.000
K6D2AE_R
   Category 1      0.030            104.000
   Category 2      0.091            312.000
   Category 3      0.499           1702.000
   Category 4      0.379           1292.000
K6D2AF_R
   Category 1      0.012             41.000
   Category 2      0.015             52.000
   Category 3      0.180            616.000
```

```
         Category  4      0.793           2708.000
K6D2AH_R
   Category  1      0.031            103.000
   Category  2      0.039            131.000
   Category  3      0.326           1100.000
   Category  4      0.605           2040.000
P5Q3M
   Category  1      0.830           2757.000
   Category  2      0.147            488.000
   Category  3      0.023             77.000
P5Q3AB
   Category  1      0.686           2276.000
   Category  2      0.284            943.000
   Category  3      0.030             98.000
P5Q3AD
   Category  1      0.858           2848.000
   Category  2      0.126            418.000
   Category  3      0.016             53.000
P5Q3AF
   Category  1      0.885           2940.000
   Category  2      0.105            349.000
   Category  3      0.010             34.000
P5Q3AH
   Category  1      0.946           3144.000
   Category  2      0.048            160.000
   Category  3      0.006             21.000
P5Q3AR
   Category  1      0.903           3004.000
   Category  2      0.087            289.000
   Category  3      0.011             35.000
P5Q3AV
   Category  1      0.881           2932.000
   Category  2      0.107            356.000
   Category  3      0.012             40.000
P5Q3AX
   Category  1      0.944           3142.000
   Category  2      0.052            172.000
   Category  3      0.004             14.000
P5Q3BQ
   Category  1      0.606           2014.000
   Category  2      0.362           1202.000
   Category  3      0.032            105.000
P5Q3CK
   Category  1      0.979           3260.000
   Category  2      0.016             54.000
   Category  3      0.005             15.000
P5Q3DB
   Category  1      0.677           2222.000
   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   2805.000
    Category 2   0.138   460.000
    Category 3   0.018   59.000
P5Q3BK
    Category 1   0.886   2941.000
    Category 2   0.105   348.000
    Category 3   0.009   30.000
P5Q3B0
    Category 1   0.806   2681.000
    Category 2   0.180   598.000
    Category 3   0.015   49.000
P5Q3CU
    Category 1   0.916   3049.000
    Category 2   0.072   241.000
    Category 3   0.011   38.000
P5Q3DA
    Category 1   0.909   3016.000
    Category 2   0.084   280.000
    Category 3   0.006   21.000
P5Q3AS
    Category 1   0.775   2578.000
    Category 2   0.217   720.000
    Category 3   0.008   27.000
P5Q3AU
    Category 1   0.921   3057.000
    Category 2   0.069   229.000
    Category 3   0.010   34.000
P5Q3AZ
    Category 1   0.932   3102.000
    Category 2   0.059   197.000
    Category 3   0.008   28.000
P5Q3BB1
    Category 1   0.907   3009.000
    Category 2   0.085   281.000
    Category 3   0.009   29.000
P5Q3BB2
    Category 1   0.815   2700.000
    Category 2   0.170   562.000
    Category 3   0.015   51.000
P5Q3BB5
    Category 1   0.861   2850.000
    Category 2   0.114   378.000
    Category 3   0.024   81.000
P5Q3BB6
    Category 1   0.873   2898.000

```
        Category 2      0.119           394.000
        Category 3      0.008            27.000
P5Q3BB7
        Category 1      0.946          3109.000
        Category 2      0.047           155.000
        Category 3      0.007            22.000
P5Q3X
        Category 1      0.777          2578.000
        Category 2      0.194           643.000
        Category 3      0.029            96.000
P5Q3AA
        Category 1      0.561          1863.000
        Category 2      0.411          1367.000
        Category 3      0.028            93.000
P5Q3AL
        Category 1      0.888          2952.000
        Category 2      0.104           346.000
        Category 3      0.008            27.000
P5Q3AP
        Category 1      0.702          2335.000
        Category 2      0.280           932.000
        Category 3      0.018            59.000
P5Q3BI
        Category 1      0.599          1991.000
        Category 2      0.345          1148.000
        Category 3      0.056           186.000
P5Q3BZ
        Category 1      0.956          3186.000
        Category 2      0.035           116.000
        Category 3      0.009            29.000
P5Q3CJ
        Category 1      0.934          3104.000
        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
```

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P5Q3T
   Category 1      0.844           2804.000
   Category 2      0.140            466.000
   Category 3      0.016             54.000
P5Q3U
   Category 1      0.531           1764.000
   Category 2      0.440           1462.000
   Category 3      0.029             98.000
P5Q3V
   Category 1      0.715           2357.000
   Category 2      0.262            863.000
   Category 3      0.023             76.000
P5Q3AJ
   Category 1      0.915           3046.000
   Category 2      0.073            242.000
   Category 3      0.012             40.000
P5Q3BC
   Category 1      0.946           3136.000
   Category 2      0.046            153.000
   Category 3      0.008             26.000
P5Q3BN
   Category 1      0.821           2735.000
   Category 2      0.156            518.000
   Category 3      0.023             77.000
P5Q3CF
   Category 1      0.683           2270.000
   Category 2      0.288            958.000
   Category 3      0.029             97.000
P5Q3CG
   Category 1      0.729           2425.000
   Category 2      0.250            832.000
   Category 3      0.021             71.000
P5Q3CH
   Category 1      0.863           2857.000
   Category 2      0.125            414.000
   Category 3      0.011             38.000
P5Q3CI
   Category 1      0.902           2996.000
   Category 2      0.091            302.000
   Category 3      0.007             24.000
P5Q3CN
   Category 1      0.829           2760.000
   Category 2      0.157            521.000
   Category 3      0.014             48.000
P5Q3CO
   Category 1      0.710           2365.000
   Category 2      0.244            814.000
   Category 3      0.045            151.000
P5Q3CQ
   Category 1      0.955           3177.000
```

```
          Category 2      0.039             131.000
          Category 3      0.006              20.000
       P5Q3CW
          Category 1      0.785            2617.000
          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$
 K6B1B_R$

 _____
               -1.702          -1.162           0.062          -1.799
 -1.251


            MEANS/INTERCEPTS/THRESHOLDS
               K6B1B_R$        K6B1C_R$        K6B1C_R$        K6B1C_R$
 K6B1D_R$

 _____
               -0.163          -1.607          -1.212          -0.188
 -1.990


            MEANS/INTERCEPTS/THRESHOLDS
               K6B1D_R$        K6B1D_R$        K5E1A$1         K5E1A$2
 K5E1A$3

 _____
               -1.542          -0.538          -1.309          -0.905
 -0.634


            MEANS/INTERCEPTS/THRESHOLDS
               K5E1A$4         K5E1B$1         K5E1B$2         K5E1B$3
 K5E1B$4

 _____
               -0.227          -1.132          -0.730          -0.431
 0.029
```

	MEANS/INTERCEPTS/THRESHOLDS			
	K5E1C$1	K5E1C$2	K5E1C$3	K5E1C$4
K5E1D$1				
	_____	_____	_____	_____
_____	−1.329	−0.979	−0.679	−0.241
−1.543				

	MEANS/INTERCEPTS/THRESHOLDS			
	K5E1D$2	K5E1D$3	K5E1D$4	K6D2AG_R
K6D2AG_R				
	_____	_____	_____	_____
_____	−1.254	−1.021	−0.642	0.140
0.670				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2AG_R	K6D2AI_R	K6D2AI_R	K6D2AI_R
K6D2D_R$				
	_____	_____	_____	_____
_____	1.647	0.190	0.727	1.458
0.239				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2D_R$	K6D2D_R$	K6D2J_R$	K6D2J_R$
K6D2J_R$				
	_____	_____	_____	_____
_____	0.774	1.596	−0.484	0.214
1.384				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2T_R$	K6D2T_R$	K6D2T_R$	K6D2AC_R
K6D2AC_R				
	_____	_____	_____	_____
_____	0.374	0.807	1.585	0.502
0.939				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2AC_R	K6D2AK_R	K6D2AK_R	K6D2AK_R
K6D2C_R$				
	_____	_____	_____	_____
_____				

| | 1.793 | −0.011 | 0.520 | 1.385 |
| −0.270 | | | | |

MEANS/INTERCEPTS/THRESHOLDS

	K6D2C_R$	K6D2C_R$	K6D2N_R$	K6D2N_R$
K6D2N_R$				
_____	_____	_____	_____	_____
	0.208	1.210	0.220	0.794
1.741				

MEANS/INTERCEPTS/THRESHOLDS

	K6D2X_R$	K6D2X_R$	K6D2X_R$	K6D2A_R$
K6D2A_R$				
_____	_____	_____	_____	_____
	1.015	1.426	2.151	−0.929
−0.343				

MEANS/INTERCEPTS/THRESHOLDS

	K6D2A_R$	K6D2P_R$	K6D2P_R$	K6D2P_R$
K6D2R_R$				
_____	_____	_____	_____	_____
	0.929	−0.648	−0.049	1.055
−0.930				

MEANS/INTERCEPTS/THRESHOLDS

	K6D2R_R$	K6D2R_R$	K6D2Z_R$	K6D2Z_R$
K6D2Z_R$				
_____	_____	_____	_____	_____
	−0.206	1.070	−0.874	−0.258
1.021				

MEANS/INTERCEPTS/THRESHOLDS

	K6D2AB_R	K6D2AB_R	K6D2AB_R	K6D2AJ_R
K6D2AJ_R				
_____	_____	_____	_____	_____
	−0.814	−0.174	0.848	−0.232
0.281				

MEANS/INTERCEPTS/THRESHOLDS

K6D61D$1	K6D2AJ_R	K6D61C$1	K6D61C$2	K6D61C$3
_____	_____	_____	_____	_____
0.695	1.182	1.424	2.199	2.504

MEANS/INTERCEPTS/THRESHOLDS

K6D61E$3	K6D61D$2	K6D61D$3	K6D61E$1	K6D61E$2
_____	_____	_____	_____	_____
2.493	1.582	2.005	1.323	2.124

MEANS/INTERCEPTS/THRESHOLDS

K6D61L$2	K6D61K$1	K6D61K$2	K6D61K$3	K6D61L$1
_____	_____	_____	_____	_____
2.014	1.365	2.178	2.433	1.176

MEANS/INTERCEPTS/THRESHOLDS

K6D40_R$	K6D61L$3	K6D61M$1	K6D61M$2	K6D61M$3
_____	_____	_____	_____	_____
1.622	2.354	0.626	1.521	1.899

MEANS/INTERCEPTS/THRESHOLDS

K6D2B_R$	K6D48_R$	K6F63_R$	K6F68_R$	K6F74_R$
_____	_____	_____	_____	_____
−2.068	0.964	0.801	2.193	2.098

MEANS/INTERCEPTS/THRESHOLDS

K6D2F_R$	K6D2B_R$	K6D2B_R$	K6D2F_R$	K6D2F_R$
_____	_____	_____	_____	_____
	−1.663	−0.675	−1.885	−1.397

−0.144

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2G_R$	K6D2G_R$	K6D2G_R$	K6D2I_R$
K6D2I_R$				
	_____	_____	_____	_____
_____	−2.194	−1.938	−0.932	−1.909
−1.233				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2I_R$	K6D2K_R$	K6D2K_R$	K6D2K_R$
K6D2L_R$				
	_____	_____	_____	_____
_____	0.133	−2.040	−1.354	0.045
−2.536				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2L_R$	K6D2L_R$	K6D2M_R$	K6D2M_R$
K6D2M_R$				
	_____	_____	_____	_____
_____	−2.166	−1.227	−2.271	−1.593
−0.003				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2O_R$	K6D2O_R$	K6D2O_R$	K6D2S_R$
K6D2S_R$				
	_____	_____	_____	_____
_____	−1.504	−1.187	−0.269	−2.181
−1.623				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2S_R$	K6D2V_R$	K6D2V_R$	K6D2V_R$
K6D2W_R$				
	_____	_____	_____	_____
_____	−0.411	−2.380	−1.893	−0.303
−2.132				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2W_R$	K6D2W_R$	K6D2Y_R$	K6D2Y_R$

```
 K6D2Y_R$
 _____
   -0.678        -1.441        -0.174        -2.144        -1.658


           MEANS/INTERCEPTS/THRESHOLDS
           K6D2AA_R       K6D2AA_R       K6D2AA_R       K6D2AE_R
 K6D2AE_R
 _____
   -1.166        -2.178        -1.646        -0.432        -1.876


           MEANS/INTERCEPTS/THRESHOLDS
           K6D2AE_R       K6D2AF_R       K6D2AF_R       K6D2AF_R
 K6D2AH_R
 _____
   -1.875         0.309        -2.261        -1.928        -0.818


           MEANS/INTERCEPTS/THRESHOLDS
           K6D2AH_R       K6D2AH_R       P5Q3M$1        P5Q3M$2
 P5Q3AB$1
 _____
    0.495        -1.483        -0.267         0.977         2.040


           MEANS/INTERCEPTS/THRESHOLDS
           P5Q3AB$2       P5Q3AD$1       P5Q3AD$2       P5Q3AF$1
 P5Q3AF$2
 _____
    2.385         1.919         1.092         2.181         1.239


           MEANS/INTERCEPTS/THRESHOLDS
           P5Q3AH$1       P5Q3AH$2       P5Q3AR$1       P5Q3AR$2
 P5Q3AV$1
 _____
    1.195         1.634         2.542         1.318         2.342
```

	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3BQ$2	P5Q3AV$2	P5Q3AX$1	P5Q3AX$2	P5Q3BQ$1
_____	_____	_____	_____	_____
1.898	2.284	1.631	2.702	0.279

	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3E$1	P5Q3CK$1	P5Q3CK$2	P5Q3DB$1	P5Q3DB$2
_____	_____	_____	_____	_____
1.059	2.083	2.668	0.464	1.870

	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3BK$2	P5Q3E$2	P5Q3A0$1	P5Q3A0$2	P5Q3BK$1
_____	_____	_____	_____	_____
2.416	1.993	1.033	2.146	1.234

	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3DA$1	P5Q3B0$1	P5Q3B0$2	P5Q3CU$1	P5Q3CU$2
_____	_____	_____	_____	_____
1.371	0.894	2.251	1.414	2.334

	MEANS/INTERCEPTS/THRESHOLDS			
P5Q3AU$2	P5Q3DA$2	P5Q3AS$1	P5Q3AS$2	P5Q3AU$1
_____	_____	_____	_____	_____
2.371	2.555	0.771	2.447	1.441

| | MEANS/INTERCEPTS/THRESHOLDS | | | |
| P5Q3BB2$ | P5Q3AZ$1 | P5Q3AZ$2 | P5Q3BB1$ | P5Q3BB1$ |

_____	_____	_____	_____	_____
	1.535	2.450	1.340	2.417
0.909				

MEANS/INTERCEPTS/THRESHOLDS

P5Q3BB6$	P5Q3BB2$	P5Q3BB5$	P5Q3BB5$	P5Q3BB6$
_____	_____	_____	_____	_____
	2.186	1.106	2.004	1.163
2.449				

MEANS/INTERCEPTS/THRESHOLDS

P5Q3AA$1	P5Q3BB7$	P5Q3BB7$	P5Q3X$1	P5Q3X$2
_____	_____	_____	_____	_____
	1.642	2.527	0.796	1.971
0.163				

MEANS/INTERCEPTS/THRESHOLDS

P5Q3AP$2	P5Q3AA$2	P5Q3AL$1	P5Q3AL$2	P5Q3AP$1
_____	_____	_____	_____	_____
	1.998	1.266	2.495	0.563
2.219				

MEANS/INTERCEPTS/THRESHOLDS

P5Q3CJ$1	P5Q3BI$1	P5Q3BI$2	P5Q3BZ$1	P5Q3BZ$2
_____	_____	_____	_____	_____
	0.257	1.613	1.783	2.480
1.582				

MEANS/INTERCEPTS/THRESHOLDS

P5Q3O$2	P5Q3CJ$2	P5Q3C$1	P5Q3C$2	P5Q3O$1
_____	_____	_____	_____	_____
	2.629	0.022	1.356	1.153
2.200				

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3R$1	P5Q3R$2	P5Q3S$1	P5Q3S$2
P5Q3T$1				
	_____	_____	_____	_____
_____	0.267	1.423	1.068	2.021
1.057				

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3T$2	P5Q3U$1	P5Q3U$2	P5Q3V$1
P5Q3V$2				
	_____	_____	_____	_____
_____	2.234	0.084	1.950	0.590
2.065				

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AJ$1	P5Q3AJ$2	P5Q3BC$1	P5Q3BC$2
P5Q3BN$1				
	_____	_____	_____	_____
_____	1.446	2.383	1.673	2.518
0.954				

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3BN$2	P5Q3CF$1	P5Q3CF$2	P5Q3CG$1
P5Q3CG$2				
	_____	_____	_____	_____
_____	2.058	0.494	1.955	0.638
2.110				

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CH$1	P5Q3CH$2	P5Q3CI$1	P5Q3CI$2
P5Q3CN$1				
	_____	_____	_____	_____
_____	1.127	2.345	1.334	2.520
0.988				

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CN$2	P5Q3CO$1	P5Q3CO$2	P5Q3CQ$1
P5Q3CQ$2				
	_____	_____	_____	_____

————	2.266	0.580	1.765	1.754
2.605				

MEANS/INTERCEPTS/THRESHOLDS

P5Q3CW$1	P5Q3CW$2
————	————
0.825	1.937

SLOPES

	THREATCO	DEPCOMP
	————	————
K6B1A_R	−0.152	−0.163
K6B1B_R	−0.123	−0.144
K6B1C_R	−0.178	−0.128
K6B1D_R	−0.143	−0.134
K5E1A	−0.102	−0.015
K5E1B	−0.014	−0.079
K5E1C	−0.047	−0.057
K5E1D	−0.105	−0.101
K6D2AG_R	0.027	0.159
K6D2AI_R	0.036	0.112
K6D2D_R	0.155	−0.002
K6D2J_R	0.086	0.038
K6D2T_R	0.009	0.086
K6D2AC_R	0.065	0.198
K6D2AK_R	0.135	0.053
K6D2C_R	0.133	0.099
K6D2N_R	0.085	0.148
K6D2X_R	0.042	0.138
K6D2A_R	0.154	0.033
K6D2P_R	0.216	−0.009
K6D2R_R	0.191	0.042
K6D2Z_R	0.170	0.003
K6D2AB_R	0.162	0.031
K6D2AJ_R	0.311	0.010
K6D61C	0.258	0.120
K6D61D	0.361	0.086
K6D61E	0.286	−0.007
K6D61K	0.165	0.171
K6D61L	0.377	−0.011
K6D61M	0.173	0.006
K6D40_R	0.062	0.153
K6D48_R	0.096	0.142
K6F63_R	0.297	0.061
K6F68_R	0.066	0.286
K6F74_R	0.150	0.290
K6D2B_R	0.000	−0.160

K6D2F_R	0.024	−0.149
K6D2G_R	−0.115	−0.136
K6D2I_R	−0.012	−0.099
K6D2K_R	0.062	−0.101
K6D2L_R	−0.042	−0.194
K6D2M_R	0.002	−0.099
K6D2O_R	0.105	−0.201
K6D2S_R	−0.044	−0.166
K6D2V_R	0.063	−0.158
K6D2W_R	−0.057	−0.074
K6D2Y_R	−0.053	−0.195
K6D2AA_R	−0.001	−0.220
K6D2AE_R	0.064	−0.098
K6D2AF_R	−0.064	−0.069
K6D2AH_R	−0.050	−0.062
P5Q3M	0.237	0.213
P5Q3AB	0.151	0.220
P5Q3AD	0.038	0.309
P5Q3AF	0.199	0.319
P5Q3AH	0.042	0.316
P5Q3AR	0.184	0.177
P5Q3AV	0.013	0.263
P5Q3AX	0.143	0.309
P5Q3BQ	0.271	0.155
P5Q3CK	0.196	0.226
P5Q3DB	0.068	0.168
P5Q3E	−0.005	0.424
P5Q3A0	0.191	0.236
P5Q3BK	0.091	0.320
P5Q3B0	0.325	0.226
P5Q3CU	0.081	0.344
P5Q3DA	0.246	0.220
P5Q3AS	0.204	0.177
P5Q3AU	−0.146	0.409
P5Q3AZ	0.103	0.343
P5Q3BB1	0.084	0.257
P5Q3BB2	0.116	0.202
P5Q3BB5	0.261	0.110
P5Q3BB6	0.096	0.284
P5Q3BB7	0.186	0.229
P5Q3X	0.349	0.245
P5Q3AA	0.509	0.074
P5Q3AL	0.420	0.146
P5Q3AP	0.496	0.199
P5Q3BI	0.280	0.051
P5Q3BZ	0.430	0.131
P5Q3CJ	0.382	0.272
P5Q3C	0.355	0.107
P5Q3O	0.326	0.178
P5Q3R	0.300	0.133

P5Q3S	0.344	0.218
P5Q3T	0.403	0.226
P5Q3U	0.401	0.127
P5Q3V	0.464	0.061
P5Q3AJ	0.512	0.127
P5Q3BC	0.438	0.120
P5Q3BN	0.287	0.253
P5Q3CF	0.376	0.153
P5Q3CG	0.385	0.220
P5Q3CH	0.210	0.292
P5Q3CI	0.211	0.306
P5Q3CN	0.390	0.166
P5Q3CO	0.415	0.188
P5Q3CQ	0.414	0.106
P5Q3CW	0.457	0.126

```
            CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
               K6B1A_R        K6B1B_R        K6B1C_R        K6B1D_R
 K5E1A

_____
  K6B1A_R
  K6B1B_R      0.545
  K6B1C_R      0.512          0.573
  K6B1D_R      0.410          0.442          0.473
  K5E1A        0.067          0.096          0.069          0.058
  K5E1B        0.108          0.140          0.082          0.057
0.489
  K5E1C        0.134          0.124          0.140          0.083
0.505
  K5E1D        0.134          0.054          0.117          0.118
0.469
  K6D2AG_R    −0.173         −0.238         −0.184         −0.178
−0.061
  K6D2AI_R    −0.099         −0.161         −0.124         −0.157
−0.026
  K6D2D_R     −0.109         −0.184         −0.164         −0.193
−0.048
  K6D2J_R     −0.115         −0.144         −0.149         −0.166
−0.072
  K6D2T_R     −0.154         −0.183         −0.194         −0.173
−0.045
  K6D2AC_R    −0.291         −0.299         −0.320         −0.271
−0.074
  K6D2AK_R    −0.084         −0.144         −0.155         −0.158
−0.070
  K6D2C_R     −0.135         −0.161         −0.167         −0.165
−0.058
  K6D2N_R     −0.208         −0.277         −0.277         −0.242
```

-0.079

Label	1	2	3	4	5
K6D2X_R	-0.220	-0.264	-0.264	-0.246	-0.113
K6D2A_R	-0.044	-0.098	-0.086	-0.095	-0.025
K6D2P_R	-0.087	-0.122	-0.201	-0.086	-0.030
K6D2R_R	-0.078	-0.099	-0.130	-0.115	-0.047
K6D2Z_R	-0.051	-0.069	-0.095	-0.086	-0.042
K6D2AB_R	-0.041	-0.081	-0.168	-0.084	-0.024
K6D2AJ_R	-0.104	-0.162	-0.209	-0.146	-0.051
K6D61C	-0.181	-0.217	-0.175	-0.207	-0.037
K6D61D	-0.159	-0.165	-0.193	-0.193	-0.060
K6D61E	-0.148	-0.155	-0.193	-0.167	-0.078
K6D61K	-0.160	-0.209	-0.194	-0.173	-0.061
K6D61L	-0.069	-0.121	-0.116	-0.172	-0.037
K6D61M	-0.061	-0.165	-0.158	-0.120	-0.035
K6D40_R	-0.170	-0.230	-0.246	-0.079	-0.101
K6D48_R	-0.091	-0.158	-0.183	-0.105	-0.028
K6F63_R	-0.172	-0.203	-0.264	-0.152	-0.077
K6F68_R	-0.157	-0.137	-0.204	-0.063	-0.023
K6F74_R	-0.120	-0.128	-0.164	-0.178	-0.069
K6D2B_R	0.302	0.356	0.352	0.317	0.062
K6D2F_R	0.311	0.323	0.315	0.209	0.099
K6D2G_R	0.365	0.261	0.243	0.231	0.053
K6D2I_R	0.119	0.224	0.248	0.128	0.027
K6D2K_R	0.149	0.224	0.171	0.095	0.068
K6D2L_R	0.321	0.330	0.352	0.349	0.101
K6D2M_R	0.139	0.231	0.226	0.112	

				0.050
K6D2O_R	0.175	0.210	0.169	0.188
				0.057
K6D2S_R	0.327	0.377	0.384	0.307
				0.119
K6D2V_R	0.167	0.244	0.209	0.157
				0.073
K6D2W_R	0.140	0.240	0.223	0.178
				0.061
K6D2Y_R	0.253	0.284	0.274	0.282
				0.083
K6D2AA_R	0.369	0.376	0.316	0.277
				0.079
K6D2AE_R	0.139	0.155	0.152	0.125
				0.041
K6D2AF_R	0.287	0.279	0.254	0.257
				0.049
K6D2AH_R	0.151	0.192	0.173	0.138
				0.085
P5Q3M	−0.088	−0.062	−0.096	−0.096
				−0.103
P5Q3AB	−0.013	−0.024	−0.022	−0.048
				−0.024
P5Q3AD	0.055	−0.028	0.027	−0.028
				−0.030
P5Q3AF	0.024	−0.076	−0.096	−0.093
				−0.049
P5Q3AH	−0.016	−0.002	−0.106	−0.008
				−0.071
P5Q3AR	−0.001	−0.044	−0.016	−0.011
				−0.038
P5Q3AV	0.034	−0.001	−0.005	0.000
				−0.017
P5Q3AX	−0.002	−0.016	−0.038	−0.035
				−0.028
P5Q3BQ	−0.017	−0.050	−0.004	−0.051
				−0.045
P5Q3CK	0.010	−0.047	−0.003	0.013
				−0.003
P5Q3DB	−0.009	0.029	−0.002	0.055
				−0.043
P5Q3E	−0.039	−0.052	−0.023	−0.062
				−0.036
P5Q3A0	−0.028	−0.027	−0.001	−0.079
				−0.080
P5Q3BK	−0.013	−0.041	−0.023	−0.054
				−0.038
P5Q3B0	−0.010	−0.045	−0.054	−0.033
				−0.086
P5Q3CU	−0.024	−0.039	−0.027	−0.033

-0.034

Label					
P5Q3DA	-0.028	-0.077	-0.038	-0.032	-0.039
P5Q3AS	-0.041	-0.059	-0.090	-0.015	-0.025
P5Q3AU	0.062	-0.036	0.023	-0.057	-0.039
P5Q3AZ	0.011	-0.005	-0.037	-0.001	-0.051
P5Q3BB1	-0.025	-0.013	-0.043	-0.080	-0.043
P5Q3BB2	0.011	-0.006	-0.058	-0.085	-0.031
P5Q3BB5	-0.025	-0.070	-0.067	-0.014	-0.044
P5Q3BB6	0.009	-0.075	-0.028	-0.068	-0.053
P5Q3BB7	0.057	-0.055	-0.008	-0.055	0.017
P5Q3X	-0.006	-0.017	-0.018	-0.074	-0.074
P5Q3AA	0.006	-0.023	-0.071	-0.055	-0.094
P5Q3AL	0.018	-0.031	-0.036	-0.049	-0.062
P5Q3AP	-0.028	-0.021	-0.068	-0.085	-0.100
P5Q3BI	-0.010	-0.040	-0.020	-0.041	-0.060
P5Q3BZ	-0.016	-0.082	-0.111	-0.079	-0.032
P5Q3CJ	0.050	0.008	0.018	-0.075	-0.009
P5Q3C	-0.034	-0.038	-0.053	-0.005	-0.064
P5Q30	-0.017	-0.050	-0.075	-0.050	-0.069
P5Q3R	-0.064	-0.056	-0.056	-0.033	-0.048
P5Q3S	-0.035	-0.057	-0.065	-0.087	-0.061
P5Q3T	-0.040	-0.033	-0.043	-0.077	-0.083
P5Q3U	0.010	-0.024	-0.044	-0.030	-0.086
P5Q3V	-0.042	-0.043	-0.074	-0.070	-0.139
P5Q3AJ	-0.011	-0.079	-0.078	-0.088	-0.055
P5Q3BC	0.020	-0.043	-0.072	-0.024	

```
-0.013
  P5Q3BN       -0.063       -0.063       -0.065       -0.035
-0.043
  P5Q3CF       -0.046       -0.085       -0.060       -0.068
-0.082
  P5Q3CG       -0.054       -0.066       -0.079       -0.058
-0.035
  P5Q3CH        0.010       -0.010       -0.065       -0.078
-0.066
  P5Q3CI       -0.033       -0.031       -0.046       -0.063
-0.048
  P5Q3CN       -0.003       -0.030       -0.046       -0.049
-0.075
  P5Q3CO       -0.021       -0.056       -0.075       -0.053
-0.036
  P5Q3CQ       -0.021       -0.100       -0.033       -0.041
-0.018
  P5Q3CW       -0.009       -0.001       -0.077       -0.055
0.001
```

```
            CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
                K5E1B        K5E1C        K5E1D       K6D2AG_R
K6D2AI_R

_____
               _____     _____     _____     _____

  K5E1C         0.456
  K5E1D         0.404        0.563
  K6D2AG_R     -0.029       -0.049       -0.065
  K6D2AI_R     -0.021        0.003       -0.037        0.528
  K6D2D_R      -0.021       -0.018       -0.081        0.530
0.414
  K6D2J_R      -0.028       -0.038       -0.035        0.473
0.372
  K6D2T_R      -0.025       -0.011       -0.088        0.646
0.477
  K6D2AC_R     -0.031       -0.092       -0.088        0.628
0.450
  K6D2AK_R     -0.052       -0.065       -0.110        0.419
0.329
  K6D2C_R      -0.017       -0.008       -0.059        0.431
0.365
  K6D2N_R      -0.020       -0.046       -0.061        0.621
0.446
  K6D2X_R      -0.060       -0.085       -0.120        0.502
0.411
  K6D2A_R       0.005       -0.009       -0.038        0.188
0.166
  K6D2P_R      -0.011       -0.054       -0.060        0.248
0.215
```

K6D2R_R	−0.020	−0.019	−0.036	0.296
0.266				
K6D2Z_R	−0.022	−0.008	−0.083	0.211
0.206				
K6D2AB_R	−0.006	−0.040	−0.045	0.239
0.190				
K6D2AJ_R	−0.027	−0.082	−0.095	0.273
0.263				
K6D61C	−0.044	−0.049	−0.050	0.137
0.069				
K6D61D	−0.009	−0.053	−0.066	0.086
0.099				
K6D61E	−0.019	−0.090	−0.058	0.041
0.114				
K6D61K	−0.034	−0.078	−0.059	0.103
0.051				
K6D61L	0.000	−0.026	−0.084	0.053
0.054				
K6D61M	−0.040	−0.046	−0.014	0.180
0.082				
K6D40_R	0.001	−0.053	−0.051	0.152
0.033				
K6D48_R	0.020	−0.041	−0.009	0.207
0.098				
K6F63_R	−0.030	−0.104	−0.048	0.129
0.054				
K6F68_R	−0.045	0.004	0.013	0.229
−0.009				
K6F74_R	−0.029	−0.022	0.065	0.192
0.052				
K6D2B_R	0.057	0.063	0.105	−0.388
−0.247				
K6D2F_R	0.063	0.094	0.046	−0.283
−0.196				
K6D2G_R	0.081	0.064	0.040	−0.094
−0.141				
K6D2I_R	0.021	0.096	0.032	−0.154
−0.082				
K6D2K_R	0.068	0.062	0.041	−0.255
−0.141				
K6D2L_R	0.059	0.124	0.111	−0.347
−0.249				
K6D2M_R	0.045	0.094	0.059	−0.222
−0.092				
K6D2O_R	0.061	0.036	0.060	−0.273
−0.191				
K6D2S_R	0.088	0.096	0.050	−0.443
−0.308				
K6D2V_R	0.083	0.076	0.045	−0.235
−0.143				

K6D2W_R	0.060	0.094	0.030	−0.304
−0.185				
K6D2Y_R	0.080	0.116	0.068	−0.268
−0.233				
K6D2AA_R	0.059	0.088	0.078	−0.323
−0.231				
K6D2AE_R	0.061	0.030	−0.003	−0.166
−0.127				
K6D2AF_R	0.069	0.105	0.070	−0.205
−0.214				
K6D2AH_R	0.073	0.075	0.015	−0.210
−0.166				
P5Q3M	−0.070	−0.075	−0.066	0.066
0.077				
P5Q3AB	−0.019	−0.010	−0.030	0.026
0.029				
P5Q3AD	0.011	0.008	−0.078	0.035
0.067				
P5Q3AF	−0.017	−0.043	−0.045	0.067
0.061				
P5Q3AH	−0.046	−0.111	−0.069	0.085
0.050				
P5Q3AR	−0.036	−0.013	−0.039	0.063
0.006				
P5Q3AV	−0.012	−0.048	−0.058	0.066
0.033				
P5Q3AX	0.008	−0.044	−0.017	0.037
−0.018				
P5Q3BQ	−0.002	−0.074	−0.060	0.062
0.056				
P5Q3CK	−0.059	0.006	−0.067	0.062
−0.001				
P5Q3DB	−0.005	−0.057	−0.030	0.058
−0.018				
P5Q3E	−0.022	0.011	−0.101	0.046
0.057				
P5Q3A0	−0.136	−0.126	−0.134	0.114
0.071				
P5Q3BK	−0.092	−0.070	−0.080	0.064
0.031				
P5Q3B0	−0.068	−0.106	−0.149	0.079
0.056				
P5Q3CU	−0.090	−0.087	−0.113	0.109
0.108				
P5Q3DA	−0.094	−0.056	−0.093	0.148
0.095				
P5Q3AS	−0.022	−0.063	−0.082	0.097
0.032				
P5Q3AU	−0.014	−0.026	−0.061	0.086
−0.038				

P5Q3AZ	−0.042	−0.101	−0.138	0.124
0.054				
P5Q3BB1	−0.034	−0.046	−0.147	0.090
0.025				
P5Q3BB2	−0.031	−0.062	−0.087	0.055
0.050				
P5Q3BB5	−0.010	0.013	−0.094	−0.019
0.013				
P5Q3BB6	0.023	−0.008	−0.045	0.063
0.040				
P5Q3BB7	0.054	0.013	0.027	0.089
−0.029				
P5Q3X	−0.042	−0.054	−0.109	0.058
0.046				
P5Q3AA	−0.058	−0.170	−0.091	−0.011
0.006				
P5Q3AL	−0.020	−0.089	−0.086	−0.064
0.007				
P5Q3AP	−0.063	−0.143	−0.125	0.012
0.045				
P5Q3BI	−0.012	−0.074	−0.066	0.004
0.016				
P5Q3BZ	0.020	0.003	−0.138	0.116
0.084				
P5Q3CJ	−0.044	−0.046	−0.086	0.078
0.066				
P5Q3C	−0.017	−0.116	−0.067	0.047
−0.003				
P5Q3O	−0.079	−0.112	−0.074	0.002
0.012				
P5Q3R	−0.037	−0.074	−0.076	0.031
−0.011				
P5Q3S	−0.062	−0.086	−0.113	−0.004
−0.001				
P5Q3T	−0.072	−0.066	−0.092	−0.006
0.050				
P5Q3U	−0.066	−0.116	−0.056	−0.017
−0.011				
P5Q3V	−0.085	−0.174	−0.139	−0.053
−0.033				
P5Q3AJ	−0.076	−0.115	−0.131	−0.082
−0.018				
P5Q3BC	−0.020	−0.048	−0.025	0.064
0.061				
P5Q3BN	−0.006	−0.040	−0.074	0.061
0.028				
P5Q3CF	−0.056	−0.109	−0.091	0.031
0.011				
P5Q3CG	−0.040	−0.067	−0.125	0.048
0.001				

P5Q3CH	−0.038	−0.098	−0.081	0.053
−0.005				
P5Q3CI	−0.059	0.001	−0.118	0.017
0.048				
P5Q3CN	−0.073	−0.083	−0.077	0.037
0.020				
P5Q3CO	−0.038	−0.075	−0.092	0.031
0.004				
P5Q3CQ	−0.022	−0.018	−0.030	0.022
0.036				
P5Q3CW	0.015	−0.049	−0.096	0.076
0.011				

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

                _____       _____       _____       _____

    _____
      K6D2J_R     0.436
      K6D2T_R     0.565          0.391
      K6D2AC_R    0.475          0.451          0.520
      K6D2AK_R    0.360          0.333          0.380          0.376
      K6D2C_R     0.491          0.429          0.380          0.457
    0.308
      K6D2N_R     0.493          0.504          0.495          0.750
    0.385
      K6D2X_R     0.397          0.343          0.450          0.645
    0.320
      K6D2A_R     0.266          0.219          0.210          0.159
    0.259
      K6D2P_R     0.265          0.267          0.294          0.274
    0.344
      K6D2R_R     0.297          0.257          0.333          0.253
    0.312
      K6D2Z_R     0.224          0.238          0.254          0.192
    0.303
      K6D2AB_R    0.226          0.219          0.272          0.257
    0.316
      K6D2AJ_R    0.241          0.246          0.283          0.275
    0.464
      K6D61C      0.099          0.029          0.061          0.213
    0.123
      K6D61D      0.089          0.131          0.075          0.200
    0.190
      K6D61E      0.072          0.138          0.053          0.166
    0.166
      K6D61K      0.074          0.044          0.024          0.158
    0.122
      K6D61L      0.060          0.105         −0.034          0.173
```

				0.171
K6D61M	0.089	0.170	0.103	0.228
				0.204
K6D40_R	0.084	0.123	0.115	0.298
				0.124
K6D48_R	0.116	0.165	0.099	0.246
				0.143
K6F63_R	0.066	0.098	0.054	0.250
				0.144
K6F68_R	0.220	0.113	0.135	0.300
				0.167
K6F74_R	0.189	0.131	0.119	0.334
				0.153
K6D2B_R	−0.311	−0.287	−0.320	−0.539
				−0.208
K6D2F_R	−0.215	−0.210	−0.226	−0.418
				−0.125
K6D2G_R	−0.099	−0.071	−0.088	−0.203
				−0.074
K6D2I_R	−0.094	−0.060	−0.121	−0.215
				−0.179
K6D2K_R	−0.118	−0.091	−0.222	−0.268
				−0.164
K6D2L_R	−0.281	−0.223	−0.242	−0.446
				−0.188
K6D2M_R	−0.150	−0.122	−0.202	−0.241
				−0.151
K6D2O_R	−0.229	−0.212	−0.224	−0.320
				−0.138
K6D2S_R	−0.322	−0.345	−0.297	−0.641
				−0.222
K6D2V_R	−0.137	−0.098	−0.211	−0.262
				−0.173
K6D2W_R	−0.186	−0.203	−0.236	−0.350
				−0.166
K6D2Y_R	−0.239	−0.227	−0.228	−0.388
				−0.171
K6D2AA_R	−0.224	−0.240	−0.259	−0.460
				−0.121
K6D2AE_R	−0.094	−0.094	−0.098	−0.207
				−0.069
K6D2AF_R	−0.181	−0.189	−0.173	−0.298
				−0.134
K6D2AH_R	−0.132	−0.141	−0.143	−0.243
				−0.110
P5Q3M	0.087	0.057	0.101	0.041
				0.093
P5Q3AB	0.073	0.002	0.095	0.067
				0.004
P5Q3AD	0.071	0.064	0.061	0.023

```
0.081
  P5Q3AF        0.074        0.034        0.075        0.112
0.060
  P5Q3AH        0.081        0.065        0.098        0.131
0.162
  P5Q3AR        0.085        0.006        0.053       −0.016
0.105
  P5Q3AV        0.095        0.010        0.126        0.035
0.054
  P5Q3AX        0.106        0.006        0.014        0.001
0.097
  P5Q3BQ        0.072       −0.002        0.051        0.102
0.020
  P5Q3CK        0.065        0.002        0.067        0.103
0.147
  P5Q3DB        0.037        0.031        0.060        0.056
0.049
  P5Q3E         0.064        0.052        0.052        0.092
0.052
  P5Q3A0        0.119        0.054        0.093        0.113
0.145
  P5Q3BK        0.058        0.050        0.000        0.061
0.117
  P5Q3B0        0.060        0.050        0.034        0.088
0.125
  P5Q3CU        0.141        0.027        0.056        0.116
0.067
  P5Q3DA        0.149        0.071        0.125        0.176
0.092
  P5Q3AS        0.089        0.026        0.106        0.135
0.096
  P5Q3AU        0.054        0.067        0.078        0.087
0.056
  P5Q3AZ        0.128        0.010        0.038        0.069
0.114
  P5Q3BB1       0.104        0.032        0.100        0.123
0.010
  P5Q3BB2       0.049       −0.003        0.023        0.050
0.034
  P5Q3BB5       0.060        0.052        0.051        0.044
0.016
  P5Q3BB6       0.089        0.021        0.075        0.061
−0.016
  P5Q3BB7       0.059       −0.052        0.016        0.012
−0.018
  P5Q3X         0.101        0.035        0.062        0.097
0.095
  P5Q3AA        0.029        0.064        0.023        0.041
0.110
  P5Q3AL       −0.018       −0.012       −0.077       −0.031
```

```
0.096
  P5Q3AP          0.017           0.025           0.015           0.048
0.091
  P5Q3BI          0.017           0.013           0.002           0.059
0.040
  P5Q3BZ          0.115           0.074           0.159           0.141
0.171
  P5Q3CJ          0.011           0.015           0.002           0.140
0.130
  P5Q3C           0.033           0.073           0.055           0.088
0.088
  P5Q3O           0.051           0.015           0.061           0.044
0.113
  P5Q3R           0.088           0.021           0.083           0.105
0.085
  P5Q3S           0.041          -0.007           0.038           0.075
0.144
  P5Q3T           0.020           0.024           0.026           0.030
0.107
  P5Q3U          -0.004           0.022           0.016           0.029
0.080
  P5Q3V           0.004          -0.002          -0.008           0.001
0.125
  P5Q3AJ         -0.018          -0.020          -0.033          -0.002
0.109
  P5Q3BC          0.105           0.025           0.024           0.105
0.122
  P5Q3BN          0.059           0.050           0.041           0.109
0.033
  P5Q3CF          0.077           0.073           0.050           0.086
0.063
  P5Q3CG          0.078           0.029           0.038           0.079
0.065
  P5Q3CH          0.094           0.006           0.050           0.080
0.094
  P5Q3CI          0.081           0.009           0.052           0.063
0.058
  P5Q3CN          0.040           0.030           0.049           0.031
0.079
  P5Q3CO          0.051           0.041          -0.007           0.076
0.096
  P5Q3CQ          0.078           0.016           0.054           0.076
0.126
  P5Q3CW          0.067           0.029           0.045           0.046
0.087


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

K6D2N_R	0.464				
K6D2X_R	0.424	0.593			
K6D2A_R	0.288	0.164	0.164		
K6D2P_R	0.277	0.251	0.250	0.420	
K6D2R_R	0.323	0.236	0.229	0.350	0.450
K6D2Z_R	0.291	0.192	0.208	0.390	0.499
K6D2AB_R	0.226	0.203	0.207	0.329	0.491
K6D2AJ_R	0.251	0.266	0.218	0.411	0.583
K6D61C	0.107	0.143	0.190	0.190	0.222
K6D61D	0.112	0.110	0.129	0.213	0.287
K6D61E	0.046	0.062	0.081	0.183	0.285
K6D61K	0.106	0.115	0.142	0.182	0.236
K6D61L	0.133	0.067	0.079	0.168	0.267
K6D61M	0.109	0.182	0.138	0.115	0.296
K6D40_R	0.047	0.209	0.185	0.070	0.221
K6D48_R	0.111	0.211	0.185	0.109	0.234
K6F63_R	0.091	0.158	0.148	0.117	0.224
K6F68_R	0.144	0.271	0.240	0.092	0.248
K6F74_R	0.177	0.295	0.206	0.085	0.168
K6D2B_R	−0.279	−0.513	−0.580	−0.085	−0.168
K6D2F_R	−0.232	−0.376	−0.317	−0.082	−0.146
K6D2G_R	−0.101	−0.186	−0.192	−0.037	−0.090
K6D2I_R	−0.053	−0.197	−0.159	−0.061	−0.197
K6D2K_R	−0.083	−0.266	−0.219	−0.071	−0.166
K6D2L_R	−0.231	−0.441	−0.469	−0.050	−0.127
K6D2M_R	−0.092	−0.266	−0.208	−0.086	−0.174

K6D2O_R	−0.243	−0.328	−0.391	−0.072
−0.044				
K6D2S_R	−0.349	−0.610	−0.527	−0.070
−0.155				
K6D2V_R	−0.150	−0.267	−0.290	−0.084
−0.236				
K6D2W_R	−0.201	−0.365	−0.352	−0.083
−0.135				
K6D2Y_R	−0.260	−0.368	−0.370	−0.085
−0.150				
K6D2AA_R	−0.245	−0.435	−0.401	−0.057
−0.093				
K6D2AE_R	−0.101	−0.226	−0.191	0.026
−0.028				
K6D2AF_R	−0.198	−0.290	−0.358	−0.054
−0.075				
K6D2AH_R	−0.169	−0.223	−0.254	−0.042
−0.084				
P5Q3M	0.047	0.056	0.028	0.058
0.033				
P5Q3AB	0.002	0.028	0.045	0.023
0.005				
P5Q3AD	0.024	0.067	−0.002	0.036
−0.006				
P5Q3AF	0.009	0.110	0.048	0.089
0.068				
P5Q3AH	−0.007	0.147	0.066	0.037
0.041				
P5Q3AR	0.051	0.011	0.029	0.056
0.065				
P5Q3AV	0.035	0.010	0.024	−0.021
0.041				
P5Q3AX	−0.027	0.026	0.048	0.069
0.020				
P5Q3BQ	0.018	0.099	−0.002	0.021
0.028				
P5Q3CK	0.060	0.080	0.117	0.113
0.073				
P5Q3DB	−0.025	0.090	0.011	−0.039
−0.031				
P5Q3E	0.077	0.108	0.154	0.104
0.041				
P5Q3A0	0.067	0.150	0.089	0.017
0.042				
P5Q3BK	0.043	0.083	0.127	0.050
0.053				
P5Q3B0	0.073	0.111	0.121	0.090
0.112				
P5Q3CU	0.077	0.039	0.053	0.060
0.103				

P5Q3DA	0.101	0.178	0.151	0.105
0.070				
P5Q3AS	0.019	0.087	0.077	0.005
0.020				
P5Q3AU	−0.006	0.093	0.056	0.021
0.079				
P5Q3AZ	0.128	0.101	0.106	0.108
0.062				
P5Q3BB1	0.064	0.112	0.125	−0.041
0.031				
P5Q3BB2	0.028	0.036	0.042	0.020
0.031				
P5Q3BB5	0.036	0.064	0.030	−0.032
0.005				
P5Q3BB6	0.050	0.062	0.052	−0.029
0.017				
P5Q3BB7	0.000	0.034	0.054	−0.058
−0.057				
P5Q3X	0.123	0.069	0.145	0.122
0.094				
P5Q3AA	0.033	0.026	0.020	0.097
0.131				
P5Q3AL	−0.024	−0.045	0.018	0.056
0.114				
P5Q3AP	0.053	0.038	0.035	0.054
0.110				
P5Q3BI	−0.006	0.034	0.013	0.028
0.051				
P5Q3BZ	0.149	0.123	0.140	0.056
0.128				
P5Q3CJ	0.067	0.066	0.104	0.003
0.029				
P5Q3C	−0.014	0.089	0.027	0.035
0.068				
P5Q3O	0.046	0.032	0.090	0.105
0.130				
P5Q3R	0.052	0.098	0.114	0.066
0.049				
P5Q3S	0.038	0.101	0.084	0.153
0.114				
P5Q3T	0.045	0.063	0.055	0.107
0.110				
P5Q3U	−0.009	0.034	0.003	0.032
0.070				
P5Q3V	0.002	0.015	0.021	0.073
0.088				
P5Q3AJ	−0.025	−0.052	0.041	0.070
0.083				
P5Q3BC	0.095	0.060	0.066	0.138
0.100				

P5Q3BN	0.046	0.105	0.049	0.068
	0.080			
P5Q3CF	0.065	0.076	0.063	0.075
	0.088			
P5Q3CG	0.080	0.090	0.050	0.071
	0.061			
P5Q3CH	0.028	0.126	0.052	−0.009
	0.023			
P5Q3CI	0.043	0.067	0.136	0.029
	0.069			
P5Q3CN	0.106	0.051	0.028	0.063
	0.099			
P5Q3CO	0.048	0.050	0.026	0.055
	0.077			
P5Q3CQ	0.048	0.044	0.091	0.112
	0.079			
P5Q3CW	0.031	0.060	0.026	0.043
	0.083			

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

              _____       _____       _____       _____

_____
  K6D2Z_R      0.436
  K6D2AB_R     0.339          0.422
  K6D2AJ_R     0.435          0.448          0.514
  K6D61C       0.121          0.158          0.175          0.278
  K6D61D       0.145          0.240          0.270          0.362
0.450
  K6D61E       0.028          0.217          0.235          0.330
0.375
  K6D61K       0.097          0.128          0.181          0.271
0.909
  K6D61L       0.111          0.174          0.221          0.327
0.423
  K6D61M       0.138          0.150          0.262          0.332
0.354
  K6D40_R      0.088          0.091          0.168          0.257
0.537
  K6D48_R      0.089          0.102          0.191          0.232
0.474
  K6F63_R      0.097          0.149          0.201          0.252
0.552
  K6F68_R      0.069          0.117          0.170          0.258
0.471
  K6F74_R      0.138          0.112          0.210          0.259
0.425
  K6D2B_R     −0.146         −0.096         −0.098         −0.165
```

−0.186

K6D2F_R	−0.103	−0.048	−0.067	−0.158	−0.147
K6D2G_R	−0.050	−0.012	−0.053	−0.099	−0.051
K6D2I_R	−0.069	−0.068	−0.135	−0.266	−0.225
K6D2K_R	−0.122	−0.051	−0.069	−0.162	−0.192
K6D2L_R	−0.075	−0.001	−0.046	−0.143	−0.132
K6D2M_R	−0.096	−0.074	−0.085	−0.188	−0.197
K6D2O_R	−0.054	−0.019	−0.053	−0.090	−0.148
K6D2S_R	−0.142	−0.065	−0.108	−0.175	−0.181
K6D2V_R	−0.133	−0.105	−0.103	−0.230	−0.171
K6D2W_R	−0.089	−0.030	−0.086	−0.154	−0.157
K6D2Y_R	−0.049	−0.014	−0.082	−0.159	−0.062
K6D2AA_R	−0.079	0.011	−0.024	−0.082	−0.090
K6D2AE_R	0.016	0.068	0.063	−0.052	−0.094
K6D2AF_R	−0.029	−0.012	−0.017	−0.114	−0.095
K6D2AH_R	−0.050	−0.037	−0.040	−0.097	−0.094
P5Q3M	0.062	0.096	0.037	0.043	−0.007
P5Q3AB	0.006	−0.007	0.009	0.018	−0.057
P5Q3AD	−0.022	0.056	−0.018	0.017	0.036
P5Q3AF	0.026	0.066	0.060	0.094	0.052
P5Q3AH	0.032	0.072	0.047	0.077	0.061
P5Q3AR	0.022	0.058	0.042	0.046	−0.037
P5Q3AV	−0.002	−0.010	0.016	0.028	−0.050
P5Q3AX	−0.011	0.048	−0.030	0.037	0.020
P5Q3BQ	0.031	−0.028	−0.007	0.012	−0.074
P5Q3CK	−0.017	0.133	0.068	0.187	

					-0.056
P5Q3DB	-0.004	-0.007	-0.045	-0.020	0.003
P5Q3E	0.088	0.089	0.072	0.052	-0.100
P5Q3A0	0.077	0.053	0.018	0.072	-0.041
P5Q3BK	0.045	0.069	0.055	0.064	-0.018
P5Q3B0	0.077	0.060	0.056	0.116	0.077
P5Q3CU	0.059	0.094	0.044	0.064	0.064
P5Q3DA	0.085	0.094	0.049	0.134	0.078
P5Q3AS	0.017	0.041	0.021	0.055	-0.023
P5Q3AU	-0.035	0.062	0.045	0.035	0.009
P5Q3AZ	0.061	0.106	0.100	0.071	-0.107
P5Q3BB1	0.017	0.062	0.014	-0.003	0.009
P5Q3BB2	0.024	0.053	0.056	0.050	-0.066
P5Q3BB5	-0.052	-0.015	-0.014	-0.020	0.020
P5Q3BB6	0.001	0.019	0.003	0.022	-0.161
P5Q3BB7	-0.030	-0.045	-0.057	0.003	-0.049
P5Q3X	0.083	0.062	0.114	0.148	0.132
P5Q3AA	0.055	0.063	0.118	0.177	0.153
P5Q3AL	0.036	0.121	0.070	0.145	0.162
P5Q3AP	0.075	0.101	0.101	0.161	0.172
P5Q3BI	0.023	0.046	0.077	0.078	0.011
P5Q3BZ	0.020	0.154	0.162	0.193	0.151
P5Q3CJ	0.003	0.087	0.086	0.109	0.174
P5Q3C	0.026	0.029	0.059	0.105	0.067
P5Q30	0.064	0.123	0.136	0.152	0.109
P5Q3R	0.028	0.049	0.071	0.093	

```
0.016
  P5Q3S          0.087          0.165          0.085          0.171
0.154
  P5Q3T          0.058          0.102          0.118          0.149
0.162
  P5Q3U          0.023          0.047          0.055          0.108
0.131
  P5Q3V         −0.005          0.085          0.081          0.165
0.099
  P5Q3AJ         0.025          0.083          0.128          0.118
0.179
  P5Q3BC         0.051          0.123          0.146          0.165
0.180
  P5Q3BN         0.061          0.100          0.100          0.068
0.077
  P5Q3CF         0.065          0.093          0.053          0.118
0.093
  P5Q3CG         0.052          0.063          0.054          0.100
0.018
  P5Q3CH        −0.001          0.033          0.022          0.056
0.105
  P5Q3CI         0.019          0.084          0.048          0.064
0.033
  P5Q3CN         0.058          0.117          0.102          0.100
0.061
  P5Q3CO         0.029          0.053          0.081          0.113
0.154
  P5Q3CQ         0.009          0.085          0.146          0.126
0.193
  P5Q3CW         0.039          0.064          0.079          0.078
0.086
```

```
              CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
                 K6D61D         K6D61E         K6D61K         K6D61L
K6D61M

                _____       _____       _____       _____
_____
   K6D61E         0.771
   K6D61K         0.462          0.419
   K6D61L         0.699          0.616          0.440
   K6D61M         0.369          0.353          0.397          0.366
   K6D40_R        0.372          0.333          0.508          0.284
0.241
   K6D48_R        0.352          0.323          0.486          0.342
0.289
   K6F63_R        0.413          0.373          0.569          0.437
0.275
   K6F68_R        0.246          0.200          0.520          0.378
0.259
```

K6F74_R	0.209	0.188	0.449	0.305
0.210				
K6D2B_R	−0.065	−0.052	−0.165	−0.040
−0.163				
K6D2F_R	−0.088	−0.135	−0.170	−0.072
−0.129				
K6D2G_R	−0.092	−0.039	−0.090	−0.059
−0.017				
K6D2I_R	−0.074	−0.056	−0.259	−0.083
−0.238				
K6D2K_R	0.051	0.064	−0.143	0.089
−0.166				
K6D2L_R	−0.117	−0.105	−0.148	−0.127
−0.086				
K6D2M_R	0.034	−0.014	−0.184	−0.005
−0.199				
K6D2O_R	−0.042	−0.025	−0.129	−0.010
−0.094				
K6D2S_R	−0.153	−0.142	−0.204	−0.075
−0.209				
K6D2V_R	−0.039	−0.076	−0.181	−0.051
−0.185				
K6D2W_R	−0.026	−0.055	−0.177	0.012
−0.175				
K6D2Y_R	−0.099	−0.096	−0.127	−0.082
−0.193				
K6D2AA_R	−0.051	−0.066	−0.085	−0.063
−0.084				
K6D2AE_R	0.038	0.026	−0.121	0.063
−0.106				
K6D2AF_R	−0.098	−0.075	−0.097	−0.039
−0.084				
K6D2AH_R	−0.085	−0.039	−0.096	−0.039
−0.103				
P5Q3M	0.029	0.075	0.027	−0.035
0.000				
P5Q3AB	−0.018	0.019	−0.092	−0.002
0.011				
P5Q3AD	−0.058	0.015	−0.028	−0.050
0.007				
P5Q3AF	−0.029	0.056	0.026	0.015
0.027				
P5Q3AH	−0.063	0.094	0.043	−0.046
0.048				
P5Q3AR	0.031	0.128	0.009	−0.015
0.016				
P5Q3AV	−0.038	0.054	−0.092	−0.049
−0.006				
P5Q3AX	−0.068	0.052	0.005	−0.025
0.043				

P5Q3BQ	−0.044	0.040	−0.028	0.006
0.053				
P5Q3CK	0.060	0.172	−0.001	−0.138
0.041				
P5Q3DB	−0.098	−0.019	−0.025	−0.151
−0.008				
P5Q3E	0.074	0.059	−0.107	−0.007
−0.060				
P5Q3A0	−0.053	0.024	−0.089	−0.053
0.007				
P5Q3BK	−0.006	−0.017	−0.034	−0.019
−0.017				
P5Q3B0	0.076	0.099	0.084	0.058
0.039				
P5Q3CU	0.008	0.014	0.002	−0.089
−0.014				
P5Q3DA	0.019	0.044	0.073	−0.032
0.031				
P5Q3AS	−0.005	0.036	−0.019	−0.032
0.002				
P5Q3AU	−0.104	−0.089	0.017	−0.048
0.044				
P5Q3AZ	−0.015	0.054	−0.110	0.019
0.037				
P5Q3BB1	−0.020	−0.009	−0.023	−0.089
−0.003				
P5Q3BB2	−0.009	0.030	−0.073	−0.010
−0.005				
P5Q3BB5	0.011	0.057	0.020	0.000
−0.012				
P5Q3BB6	−0.028	0.046	−0.112	−0.061
0.002				
P5Q3BB7	−0.030	0.073	−0.016	−0.044
0.009				
P5Q3X	0.138	0.178	0.095	0.153
0.014				
P5Q3AA	0.201	0.253	0.175	0.189
0.061				
P5Q3AL	0.180	0.204	0.141	0.204
0.026				
P5Q3AP	0.161	0.193	0.181	0.140
0.011				
P5Q3BI	0.085	0.138	0.034	0.084
0.041				
P5Q3BZ	0.123	0.204	0.146	0.083
0.011				
P5Q3CJ	0.116	0.115	0.126	0.082
0.048				
P5Q3C	0.007	0.031	0.037	−0.012
0.041				

P5Q3O	0.128	0.197	0.112	0.107
0.041				
P5Q3R	0.105	0.147	0.024	0.077
0.032				
P5Q3S	0.174	0.218	0.110	0.125
−0.001				
P5Q3T	0.140	0.196	0.129	0.092
0.000				
P5Q3U	0.062	0.103	0.136	0.033
0.014				
P5Q3V	0.201	0.229	0.118	0.163
0.011				
P5Q3AJ	0.295	0.290	0.109	0.263
0.084				
P5Q3BC	0.159	0.222	0.138	0.150
0.075				
P5Q3BN	0.088	0.095	0.105	0.030
0.059				
P5Q3CF	0.054	0.132	0.091	0.020
0.048				
P5Q3CG	0.072	0.136	−0.003	0.039
0.042				
P5Q3CH	−0.041	0.051	0.088	−0.048
0.030				
P5Q3CI	0.100	0.120	0.077	0.072
0.067				
P5Q3CN	0.080	0.163	0.077	0.160
0.083				
P5Q3CO	0.131	0.156	0.168	0.101
0.089				
P5Q3CQ	0.207	0.214	0.208	0.154
0.086				
P5Q3CW	0.109	0.091	0.044	0.089
0.064				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D40_R	K6D48_R	K6F63_R	K6F68_R
K6F74_R				
	_____	_____	_____	_____
_____				
K6D48_R	0.641			
K6F63_R	0.699	0.707		
K6F68_R	0.663	0.651	0.621	
K6F74_R	0.651	0.659	0.577	0.792
K6D2B_R	−0.184	−0.191	−0.126	−0.247
−0.233				
K6D2F_R	−0.168	−0.151	−0.148	−0.236
−0.233				
K6D2G_R	−0.043	−0.018	−0.099	−0.020

-0.112

K6D2I_R	-0.254	-0.190	-0.163	-0.347
-0.274				
K6D2K_R	-0.183	-0.079	-0.082	-0.169
-0.089				
K6D2L_R	-0.219	-0.183	-0.167	-0.259
-0.207				
K6D2M_R	-0.255	-0.133	-0.182	-0.288
-0.195				
K6D2O_R	-0.133	-0.126	-0.106	-0.054
-0.087				
K6D2S_R	-0.238	-0.204	-0.239	-0.290
-0.265				
K6D2V_R	-0.125	-0.097	-0.095	-0.137
-0.130				
K6D2W_R	-0.139	-0.109	-0.053	-0.137
-0.168				
K6D2Y_R	-0.087	-0.107	-0.110	-0.156
-0.069				
K6D2AA_R	-0.159	-0.095	-0.133	-0.125
-0.121				
K6D2AE_R	-0.119	-0.105	-0.090	-0.119
-0.125				
K6D2AF_R	-0.078	-0.044	-0.077	-0.154
-0.039				
K6D2AH_R	-0.180	-0.088	-0.092	-0.104
-0.061				
P5Q3M	0.056	-0.070	0.015	-0.090
-0.024				
P5Q3AB	-0.053	-0.065	-0.066	-0.113
-0.002				
P5Q3AD	0.066	0.001	-0.033	-0.078
-0.016				
P5Q3AF	0.225	0.080	0.065	0.161
0.056				
P5Q3AH	0.141	-0.044	-0.036	0.162
0.159				
P5Q3AR	0.040	-0.024	-0.029	-0.108
0.031				
P5Q3AV	0.002	0.008	-0.052	-0.033
0.005				
P5Q3AX	0.027	-0.006	-0.063	-0.055
0.009				
P5Q3BQ	0.081	-0.027	-0.028	0.018
0.105				
P5Q3CK	0.129	-0.063	0.039	-0.042
0.017				
P5Q3DB	0.118	0.009	-0.038	0.061
0.095				
P5Q3E	0.100	0.022	0.037	-0.035

-0.054

Label	1	2	3	4	5
P5Q3A0	0.052	-0.040	0.004	-0.009	0.071
P5Q3BK	0.037	-0.018	-0.015	0.163	0.068
P5Q3B0	0.168	0.042	0.064	0.127	0.170
P5Q3CU	0.057	0.007	-0.021	-0.056	0.082
P5Q3DA	0.092	0.024	0.035	-0.052	0.177
P5Q3AS	0.148	0.029	-0.001	0.123	0.085
P5Q3AU	0.080	-0.073	-0.012	0.024	0.043
P5Q3AZ	0.078	0.073	0.076	0.012	-0.046
P5Q3BB1	0.038	-0.067	-0.057	0.031	0.108
P5Q3BB2	0.063	-0.022	0.016	0.040	0.103
P5Q3BB5	0.094	-0.028	0.023	0.088	0.069
P5Q3BB6	0.089	-0.070	-0.023	0.043	-0.025
P5Q3BB7	0.063	-0.058	-0.140	-0.119	-0.049
P5Q3X	0.139	0.059	0.062	-0.021	0.126
P5Q3AA	0.223	0.049	0.132	0.117	0.063
P5Q3AL	0.203	0.015	0.122	0.097	-0.093
P5Q3AP	0.236	-0.026	0.076	0.091	0.244
P5Q3BI	0.134	0.009	0.093	0.103	0.074
P5Q3BZ	0.213	0.002	0.081	-0.182	0.035
P5Q3CJ	0.311	0.180	0.140	0.335	0.231
P5Q3C	0.230	0.069	0.050	0.113	0.204
P5Q30	0.158	0.018	0.059	0.022	0.097
P5Q3R	0.124	0.008	0.042	0.007	0.067
P5Q3S	0.200	0.055	0.145	0.062	0.127
P5Q3T	0.162	0.016	0.075	0.012	

```
0.061
  P5Q3U         0.197        0.008        0.075        0.143
0.139
  P5Q3V         0.136       -0.015        0.138        0.054
0.008
  P5Q3AJ        0.242        0.035        0.122       -0.160
-0.011
  P5Q3BC        0.251        0.121        0.122        0.057
0.172
  P5Q3BN        0.241        0.078        0.112        0.110
0.115
  P5Q3CF        0.179        0.001        0.063        0.092
0.161
  P5Q3CG        0.195       -0.002        0.050       -0.010
0.072
  P5Q3CH        0.210        0.077        0.070        0.105
0.248
  P5Q3CI        0.065        0.051        0.025       -0.014
0.021
  P5Q3CN        0.146        0.014        0.078        0.139
0.081
  P5Q3CO        0.264        0.084        0.111        0.081
0.209
  P5Q3CQ        0.274        0.009        0.092       -0.033
0.080
  P5Q3CW        0.114        0.030        0.048       -0.028
-0.048
```

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          CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
             K6D2B_R      K6D2F_R       K6D2G_R      K6D2I_R
K6D2K_R

             _____     _____      _____     _____

_____
  K6D2F_R       0.501
  K6D2G_R       0.294        0.387
  K6D2I_R       0.274        0.267        0.161
  K6D2K_R       0.320        0.309        0.184        0.453
  K6D2L_R       0.529        0.409        0.386        0.322
0.305
  K6D2M_R       0.317        0.349        0.177        0.469
0.629
  K6D2O_R       0.427        0.377        0.221        0.243
0.256
  K6D2S_R       0.688        0.612        0.328        0.344
0.352
  K6D2V_R       0.328        0.369        0.196        0.482
0.473
  K6D2W_R       0.419        0.413        0.210        0.347
0.439
```

K6D2Y_R	0.402	0.365	0.322	0.279
0.268				
K6D2AA_R	0.529	0.520	0.391	0.269
0.306				
K6D2AE_R	0.323	0.340	0.191	0.259
0.324				
K6D2AF_R	0.380	0.393	0.422	0.232
0.252				
K6D2AH_R	0.317	0.354	0.208	0.243
0.256				
P5Q3M	−0.064	−0.074	0.020	−0.011
−0.021				
P5Q3AB	−0.044	0.030	0.018	0.010
−0.063				
P5Q3AD	0.016	−0.057	−0.035	−0.013
−0.062				
P5Q3AF	−0.064	−0.089	−0.061	−0.075
−0.105				
P5Q3AH	−0.040	−0.048	−0.022	−0.087
−0.114				
P5Q3AR	0.037	−0.014	−0.042	−0.039
−0.019				
P5Q3AV	−0.004	−0.034	−0.050	−0.055
−0.055				
P5Q3AX	0.013	−0.038	−0.024	−0.018
−0.001				
P5Q3BQ	−0.041	−0.070	0.028	−0.102
−0.099				
P5Q3CK	−0.103	−0.120	0.018	0.004
−0.043				
P5Q3DB	−0.034	−0.068	0.031	−0.051
−0.060				
P5Q3E	−0.011	−0.060	−0.053	0.072
0.024				
P5Q3A0	−0.016	−0.090	−0.084	−0.017
−0.054				
P5Q3BK	−0.022	−0.054	−0.090	0.021
0.027				
P5Q3B0	−0.065	−0.098	−0.036	−0.084
−0.060				
P5Q3CU	−0.076	−0.053	0.040	−0.027
−0.073				
P5Q3DA	−0.105	−0.110	−0.040	−0.050
−0.072				
P5Q3AS	−0.101	−0.084	0.016	−0.018
−0.083				
P5Q3AU	−0.020	−0.049	−0.042	−0.036
−0.071				
P5Q3AZ	−0.078	−0.062	−0.081	0.030
−0.051				

P5Q3BB1	−0.089	−0.087	−0.062	−0.040
−0.084				
P5Q3BB2	−0.003	−0.033	0.003	−0.007
−0.011				
P5Q3BB5	−0.059	−0.100	−0.055	−0.008
−0.024				
P5Q3BB6	−0.126	−0.081	−0.033	−0.052
−0.059				
P5Q3BB7	−0.027	−0.076	−0.061	−0.012
−0.060				
P5Q3X	−0.079	−0.043	−0.029	−0.015
0.003				
P5Q3AA	0.002	−0.006	0.022	−0.063
−0.018				
P5Q3AL	0.092	0.047	0.021	−0.054
0.030				
P5Q3AP	−0.014	−0.013	0.008	−0.049
−0.032				
P5Q3BI	0.024	−0.023	−0.009	0.019
−0.003				
P5Q3BZ	−0.055	0.003	−0.039	−0.004
0.022				
P5Q3CJ	−0.025	0.003	−0.017	−0.031
−0.054				
P5Q3C	−0.062	−0.089	0.009	−0.081
−0.082				
P5Q3O	−0.051	−0.066	−0.047	−0.064
−0.068				
P5Q3R	−0.037	−0.052	−0.007	−0.021
−0.041				
P5Q3S	−0.049	−0.014	−0.057	−0.027
−0.051				
P5Q3T	−0.041	−0.004	−0.067	−0.038
−0.074				
P5Q3U	−0.018	−0.032	0.030	−0.068
−0.080				
P5Q3V	0.024	−0.029	−0.055	−0.042
0.016				
P5Q3AJ	0.060	0.058	−0.100	−0.005
0.034				
P5Q3BC	0.004	−0.036	−0.001	−0.041
−0.016				
P5Q3BN	−0.063	−0.043	0.004	0.004
−0.016				
P5Q3CF	−0.039	−0.101	−0.027	−0.043
−0.048				
P5Q3CG	−0.061	−0.085	−0.042	−0.009
−0.039				
P5Q3CH	−0.083	−0.108	0.017	−0.112
−0.073				

P5Q3CI	−0.024	−0.046	−0.019	0.015
0.012				
P5Q3CN	−0.036	−0.046	−0.027	−0.013
−0.026				
P5Q3CO	−0.025	−0.072	−0.046	−0.074
−0.054				
P5Q3CQ	−0.009	−0.002	−0.005	−0.005
−0.006				
P5Q3CW	0.030	0.025	0.026	0.023
−0.018				

```
              CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
                 K6D2L_R        K6D2M_R        K6D2O_R        K6D2S_R
K6D2V_R
```

	K6D2L_R	K6D2M_R	K6D2O_R	K6D2S_R
	_____	_____	_____	_____
K6D2M_R	0.328			
K6D2O_R	0.347	0.285		
K6D2S_R	0.575	0.355	0.473	
K6D2V_R	0.336	0.478	0.342	0.384
K6D2W_R	0.397	0.425	0.453	0.504
0.472				
K6D2Y_R	0.571	0.313	0.360	0.508
0.308				
K6D2AA_R	0.519	0.314	0.405	0.643
0.346				
K6D2AE_R	0.298	0.325	0.348	0.406
0.335				
K6D2AF_R	0.544	0.261	0.372	0.455
0.319				
K6D2AH_R	0.323	0.264	0.355	0.382
0.347				
P5Q3M	−0.033	−0.031	−0.063	−0.011
−0.085				
P5Q3AB	−0.028	−0.024	−0.022	0.000
−0.023				
P5Q3AD	−0.027	−0.033	0.000	−0.026
−0.030				
P5Q3AF	−0.093	−0.112	−0.042	−0.012
−0.082				
P5Q3AH	−0.046	−0.070	−0.020	−0.017
−0.164				
P5Q3AR	0.011	−0.061	−0.043	0.044
−0.056				
P5Q3AV	0.024	−0.090	−0.089	0.025
−0.069				
P5Q3AX	−0.071	−0.008	−0.034	0.044
−0.031				
P5Q3BQ	−0.043	−0.107	−0.022	−0.052

-0.108

P5Q3CK	-0.086	0.029	-0.028	0.010
				-0.028
P5Q3DB	-0.001	-0.064	-0.057	-0.028
				-0.032
P5Q3E	-0.047	0.001	-0.047	-0.059
				-0.061
P5Q3A0	-0.058	-0.045	-0.112	-0.069
				-0.107
P5Q3BK	-0.036	0.012	-0.012	-0.005
				-0.037
P5Q3B0	-0.095	-0.063	-0.030	-0.098
				-0.058
P5Q3CU	-0.096	-0.024	-0.053	0.034
				-0.105
P5Q3DA	-0.024	-0.055	-0.075	-0.087
				-0.083
P5Q3AS	0.008	-0.046	-0.066	-0.084
				-0.085
P5Q3AU	-0.068	-0.012	-0.036	-0.011
				-0.036
P5Q3AZ	-0.086	0.005	-0.050	0.042
				-0.022
P5Q3BB1	-0.051	-0.073	-0.067	-0.065
				-0.037
P5Q3BB2	-0.034	-0.006	0.014	-0.037
				0.017
P5Q3BB5	-0.061	-0.060	-0.026	-0.033
				0.001
P5Q3BB6	-0.021	-0.044	-0.026	-0.047
				-0.084
P5Q3BB7	-0.018	0.051	0.012	0.008
				-0.023
P5Q3X	-0.041	0.009	-0.023	-0.046
				-0.051
P5Q3AA	-0.013	-0.018	-0.011	0.015
				-0.021
P5Q3AL	0.023	-0.011	0.031	0.011
				0.048
P5Q3AP	-0.008	-0.050	-0.030	-0.012
				-0.056
P5Q3BI	0.037	-0.009	0.005	-0.008
				0.004
P5Q3BZ	-0.020	0.078	0.025	0.046
				0.038
P5Q3CJ	-0.060	-0.003	-0.022	-0.016
				-0.038
P5Q3C	0.018	-0.095	-0.036	-0.055
				-0.106
P5Q30	-0.035	-0.068	0.006	-0.041

-0.060

P5Q3R	-0.011	-0.062	-0.011	-0.028	-0.059
P5Q3S	0.016	0.010	-0.018	0.007	-0.055
P5Q3T	-0.011	0.010	0.000	0.039	-0.089
P5Q3U	0.003	-0.075	-0.012	-0.016	-0.071
P5Q3V	0.012	-0.030	0.020	0.013	-0.034
P5Q3AJ	-0.067	0.024	-0.005	0.022	0.024
P5Q3BC	-0.050	0.007	-0.008	-0.004	0.024
P5Q3BN	-0.027	-0.021	-0.079	-0.034	0.006
P5Q3CF	0.008	-0.028	-0.024	-0.028	-0.069
P5Q3CG	-0.051	-0.034	-0.040	-0.077	-0.064
P5Q3CH	-0.069	-0.053	-0.090	-0.088	-0.134
P5Q3CI	-0.113	0.046	-0.053	0.010	-0.046
P5Q3CN	-0.024	-0.012	-0.022	-0.030	-0.075
P5Q3CO	0.032	-0.037	-0.057	-0.023	-0.084
P5Q3CQ	-0.050	0.058	-0.014	0.006	-0.017
P5Q3CW	0.066	0.004	-0.032	0.037	-0.051

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R	K6D2AF_R
K6D2Y_R	0.457				
K6D2AA_R	0.449	0.465			
K6D2AE_R	0.446	0.334	0.360		
K6D2AF_R	0.428	0.569	0.479	0.356	
K6D2AH_R	0.352	0.301	0.324	0.301	0.381
P5Q3M	-0.003	-0.005	-0.007	-0.021	-0.032
P5Q3AB	-0.020	-0.030	-0.018	0.028	-0.009

P5Q3AD	0.024	−0.036	−0.076	0.011
−0.052				
P5Q3AF	−0.007	−0.055	−0.029	−0.008
−0.065				
P5Q3AH	−0.104	0.019	−0.017	−0.091
−0.065				
P5Q3AR	−0.016	−0.010	0.004	0.029
−0.064				
P5Q3AV	−0.036	−0.023	−0.022	−0.039
−0.086				
P5Q3AX	0.010	−0.010	−0.030	0.025
0.020				
P5Q3BQ	−0.067	−0.062	−0.066	−0.042
−0.012				
P5Q3CK	0.006	0.038	0.035	−0.066
0.013				
P5Q3DB	−0.045	0.016	−0.033	−0.063
−0.019				
P5Q3E	0.037	−0.001	−0.075	0.009
−0.011				
P5Q3A0	−0.070	−0.016	−0.129	−0.073
−0.103				
P5Q3BK	0.011	−0.054	−0.039	−0.041
−0.062				
P5Q3B0	−0.058	−0.040	−0.087	−0.067
−0.059				
P5Q3CU	0.020	0.028	−0.030	0.009
−0.006				
P5Q3DA	−0.021	−0.052	−0.064	−0.013
−0.068				
P5Q3AS	−0.118	−0.055	−0.067	−0.036
0.017				
P5Q3AU	−0.112	0.003	−0.035	−0.003
−0.057				
P5Q3AZ	0.095	−0.007	−0.031	0.022
−0.033				
P5Q3BB1	0.011	−0.017	−0.063	0.017
−0.063				
P5Q3BB2	0.018	−0.044	−0.051	0.026
−0.001				
P5Q3BB5	−0.007	−0.124	−0.118	0.027
−0.042				
P5Q3BB6	0.023	−0.061	−0.084	−0.007
−0.060				
P5Q3BB7	0.055	−0.047	−0.054	0.016
0.024				
P5Q3X	−0.017	0.002	0.013	0.001
−0.055				
P5Q3AA	−0.007	0.017	0.059	0.016
−0.030				

	K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD	
P5Q3AL	0.030	0.002	0.034	0.050	-0.021
P5Q3AP	-0.007	-0.020	0.025	-0.024	-0.065
P5Q3BI	0.014	0.006	-0.004	0.008	-0.044
P5Q3BZ	0.036	-0.037	0.011	0.099	-0.084
P5Q3CJ	0.006	0.003	0.028	-0.039	-0.079
P5Q3C	-0.101	-0.005	-0.022	-0.063	-0.012
P5Q3O	-0.040	-0.007	-0.021	-0.044	-0.045
P5Q3R	-0.027	-0.012	-0.026	-0.015	0.011
P5Q3S	-0.004	0.016	-0.003	0.010	0.023
P5Q3T	-0.002	0.037	0.009	-0.001	-0.053
P5Q3U	-0.053	0.034	0.033	-0.020	-0.007
P5Q3V	-0.020	0.013	0.021	0.038	-0.073
P5Q3AJ	-0.009	-0.033	0.000	0.039	-0.076
P5Q3BC	-0.054	-0.004	-0.047	-0.008	-0.045
P5Q3BN	0.008	-0.011	-0.055	-0.022	-0.022
P5Q3CF	-0.016	0.007	-0.017	-0.006	-0.037
P5Q3CG	-0.016	-0.037	-0.037	-0.001	-0.035
P5Q3CH	-0.034	-0.027	-0.079	-0.029	-0.050
P5Q3CI	0.014	0.046	-0.014	-0.011	-0.041
P5Q3CN	0.038	0.041	0.028	0.019	-0.011
P5Q3CO	-0.040	0.008	0.016	-0.046	-0.016
P5Q3CQ	0.015	0.061	-0.061	0.007	-0.060
P5Q3CW	0.001	0.053	0.040	0.037	0.023

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD

P5Q3AF

P5Q3M	−0.048			
P5Q3AB	0.020	0.215		
P5Q3AD	−0.074	0.298	0.379	
P5Q3AF	−0.078	0.462	0.291	0.453
P5Q3AH	−0.062	0.400	0.348	0.516	0.716
P5Q3AR	−0.008	0.263	0.265	0.378	0.379
P5Q3AV	−0.043	0.396	0.489	0.491	0.469
P5Q3AX	0.017	0.396	0.382	0.588	0.544
P5Q3BQ	−0.036	0.271	0.339	0.346	0.340
P5Q3CK	−0.086	0.467	0.284	0.504	0.653
P5Q3DB	−0.006	0.289	0.236	0.320	0.388
P5Q3E	−0.077	0.315	0.189	0.383	0.340
P5Q3A0	−0.044	0.314	0.230	0.347	0.344
P5Q3BK	−0.057	0.331	0.281	0.349	0.294
P5Q3B0	−0.025	0.254	0.202	0.303	0.263
P5Q3CU	0.051	0.322	0.240	0.347	0.384
P5Q3DA	−0.040	0.353	0.289	0.385	0.385
P5Q3AS	−0.005	0.260	0.304	0.352	0.406
P5Q3AU	0.039	0.256	0.237	0.285	0.305
P5Q3AZ	−0.011	0.381	0.313	0.461	0.479
P5Q3BB1	−0.029	0.301	0.227	0.331	0.397
P5Q3BB2	0.000	0.215	0.208	0.201	0.261
P5Q3BB5	−0.004	0.182	0.140	0.227	0.283
P5Q3BB6	−0.069	0.304	0.209	0.311	0.362
P5Q3BB7	−0.027	0.252	0.209	0.316	0.324
P5Q3X	−0.020	0.313	0.148	0.349	

0.344

P5Q3AA	−0.023	0.359	0.252	0.210	0.331
P5Q3AL	0.018	0.245	0.138	0.303	0.310
P5Q3AP	−0.048	0.352	0.209	0.303	0.351
P5Q3BI	0.021	0.108	0.142	0.210	0.212
P5Q3BZ	0.056	0.340	0.248	0.342	0.398
P5Q3CJ	−0.062	0.330	0.247	0.348	0.389
P5Q3C	−0.044	0.356	0.140	0.203	0.424
P5Q3O	−0.058	0.469	0.164	0.338	0.415
P5Q3R	−0.015	0.476	0.255	0.308	0.452
P5Q3S	−0.019	0.473	0.190	0.320	0.400
P5Q3T	−0.046	0.455	0.180	0.325	0.397
P5Q3U	−0.020	0.382	0.223	0.264	0.391
P5Q3V	0.015	0.287	0.173	0.266	0.302
P5Q3AJ	−0.004	0.350	0.179	0.372	0.412
P5Q3BC	−0.069	0.385	0.236	0.424	0.401
P5Q3BN	−0.059	0.505	0.215	0.359	0.512
P5Q3CF	−0.060	0.364	0.264	0.255	0.401
P5Q3CG	−0.042	0.441	0.265	0.330	0.436
P5Q3CH	−0.065	0.461	0.298	0.367	0.476
P5Q3CI	0.015	0.332	0.331	0.439	0.378
P5Q3CN	−0.020	0.320	0.165	0.285	0.298
P5Q3CO	−0.050	0.405	0.207	0.220	0.448
P5Q3CQ	−0.038	0.375	0.287	0.429	0.487
P5Q3CW	−0.033	0.314	0.212	0.277	0.327

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3AH	P5Q3AR	P5Q3AV	P5Q3AX	P5Q3BQ
P5Q3AR	0.470				
P5Q3AV	0.576	0.532			
P5Q3AX	0.675	0.485	0.643		
P5Q3BQ	0.406	0.320	0.470	0.436	
P5Q3CK	0.646	0.473	0.473	0.606	0.391
P5Q3DB	0.512	0.361	0.529	0.524	0.443
P5Q3E	0.328	0.258	0.332	0.268	0.132
P5Q3A0	0.432	0.381	0.346	0.408	0.295
P5Q3BK	0.381	0.441	0.405	0.411	0.335
P5Q3B0	0.337	0.362	0.334	0.402	0.416
P5Q3CU	0.462	0.355	0.381	0.469	0.387
P5Q3DA	0.484	0.407	0.376	0.471	0.410
P5Q3AS	0.472	0.366	0.467	0.434	0.312
P5Q3AU	0.423	0.394	0.440	0.464	0.211
P5Q3AZ	0.456	0.410	0.474	0.527	0.410
P5Q3BB1	0.452	0.303	0.354	0.443	0.300
P5Q3BB2	0.224	0.248	0.276	0.333	0.223
P5Q3BB5	0.219	0.237	0.232	0.276	0.233
P5Q3BB6	0.434	0.288	0.401	0.483	0.298
P5Q3BB7	0.349	0.352	0.394	0.487	0.280
P5Q3X	0.337	0.273	0.285	0.223	0.148
P5Q3AA	0.418	0.326	0.248	0.234	0.202
P5Q3AL	0.396	0.323	0.266	0.339	0.207
P5Q3AP	0.446	0.347	0.338	0.339	0.265

P5Q3BI	0.257	0.197	0.134	0.244
0.304				
P5Q3BZ	0.492	0.365	0.334	0.369
0.245				
P5Q3CJ	0.474	0.384	0.346	0.405
0.272				
P5Q3C	0.419	0.230	0.336	0.282
0.314				
P5Q3O	0.415	0.320	0.300	0.330
0.213				
P5Q3R	0.457	0.260	0.393	0.340
0.328				
P5Q3S	0.451	0.339	0.344	0.342
0.195				
P5Q3T	0.443	0.353	0.365	0.331
0.230				
P5Q3U	0.465	0.257	0.318	0.271
0.257				
P5Q3V	0.384	0.350	0.217	0.265
0.158				
P5Q3AJ	0.488	0.430	0.300	0.388
0.204				
P5Q3BC	0.547	0.430	0.415	0.492
0.306				
P5Q3BN	0.455	0.320	0.387	0.382
0.341				
P5Q3CF	0.474	0.344	0.392	0.381
0.390				
P5Q3CG	0.433	0.425	0.469	0.444
0.383				
P5Q3CH	0.571	0.380	0.523	0.536
0.412				
P5Q3CI	0.433	0.408	0.479	0.506
0.404				
P5Q3CN	0.361	0.324	0.283	0.368
0.282				
P5Q3CO	0.475	0.320	0.379	0.333
0.347				
P5Q3CQ	0.563	0.393	0.384	0.504
0.300				
P5Q3CW	0.402	0.368	0.357	0.383
0.288				

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              CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
                 P5Q3CK        P5Q3DB        P5Q3E         P5Q3AO
    P5Q3BK

                 _____      _____      _____      _____
    _____
      P5Q3DB        0.418
```

P5Q3E	0.422	0.047		
P5Q3A0	0.371	0.283	0.318	
P5Q3BK	0.499	0.238	0.359	0.499
P5Q3B0	0.449	0.323	0.238	0.352	0.513
P5Q3CU	0.513	0.309	0.318	0.392	0.420
P5Q3DA	0.505	0.447	0.363	0.628	0.560
P5Q3AS	0.502	0.373	0.152	0.220	0.267
P5Q3AU	0.450	0.243	0.207	0.327	0.311
P5Q3AZ	0.534	0.374	0.379	0.443	0.536
P5Q3BB1	0.398	0.381	0.163	0.244	0.288
P5Q3BB2	0.332	0.247	0.141	0.212	0.252
P5Q3BB5	0.190	0.166	0.165	0.226	0.259
P5Q3BB6	0.455	0.372	0.234	0.261	0.261
P5Q3BB7	0.471	0.253	0.215	0.266	0.291
P5Q3X	0.352	0.115	0.366	0.284	0.333
P5Q3AA	0.376	0.172	0.128	0.182	0.297
P5Q3AL	0.389	0.138	0.226	0.230	0.305
P5Q3AP	0.363	0.257	0.229	0.270	0.318
P5Q3BI	0.248	0.189	0.127	0.231	0.259
P5Q3BZ	0.555	0.250	0.217	0.334	0.427
P5Q3CJ	0.646	0.270	0.310	0.352	0.431
P5Q3C	0.361	0.353	0.114	0.160	0.150
P5Q3O	0.530	0.216	0.328	0.342	0.359
P5Q3R	0.490	0.312	0.220	0.222	0.298
P5Q3S	0.550	0.203	0.366	0.313	0.383
P5Q3T	0.527	0.216	0.306	0.311	0.327
P5Q3U	0.387	0.246	0.134	0.169	

0.229
```
  P5Q3V       0.471        0.118        0.146        0.168
0.248
  P5Q3AJ      0.525        0.202        0.279        0.331
0.307
  P5Q3BC      0.618        0.337        0.271        0.372
0.424
  P5Q3BN      0.551        0.282        0.339        0.270
0.356
  P5Q3CF      0.521        0.335        0.184        0.304
0.400
  P5Q3CG      0.559        0.344        0.327        0.401
0.446
  P5Q3CH      0.520        0.393        0.296        0.330
0.447
  P5Q3CI      0.471        0.312        0.342        0.392
0.443
  P5Q3CN      0.400        0.283        0.232        0.283
0.289
  P5Q3CO      0.520        0.277        0.187        0.250
0.313
  P5Q3CQ      0.651        0.333        0.332        0.311
0.433
  P5Q3CW      0.442        0.266        0.217        0.262
0.258
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          CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
            P5Q3BO        P5Q3CU        P5Q3DA        P5Q3AS
P5Q3AU

_____    _____     _____     _____     _____
  P5Q3CU      0.365
  P5Q3DA      0.455        0.518
  P5Q3AS      0.269        0.261        0.285
  P5Q3AU      0.274        0.353        0.318        0.311
  P5Q3AZ      0.423        0.657        0.503        0.353
0.343
  P5Q3BB1     0.282        0.426        0.374        0.296
0.412
  P5Q3BB2     0.294        0.298        0.332        0.288
0.313
  P5Q3BB5     0.183        0.273        0.252        0.205
0.250
  P5Q3BB6     0.240        0.342        0.357        0.317
0.464
  P5Q3BB7     0.258        0.373        0.345        0.288
0.363
  P5Q3X       0.320        0.243        0.282        0.157
0.214
```

P5Q3AA	0.284	0.183	0.251	0.263
0.155				
P5Q3AL	0.275	0.180	0.248	0.243
0.265				
P5Q3AP	0.384	0.304	0.296	0.294
0.229				
P5Q3BI	0.287	0.198	0.192	0.204
0.122				
P5Q3BZ	0.485	0.346	0.436	0.326
0.303				
P5Q3CJ	0.388	0.324	0.445	0.321
0.322				
P5Q3C	0.201	0.225	0.183	0.268
0.211				
P5Q3O	0.389	0.329	0.412	0.256
0.275				
P5Q3R	0.283	0.300	0.320	0.304
0.235				
P5Q3S	0.333	0.240	0.378	0.287
0.191				
P5Q3T	0.306	0.292	0.336	0.270
0.184				
P5Q3U	0.275	0.257	0.253	0.243
0.199				
P5Q3V	0.264	0.160	0.250	0.203
0.106				
P5Q3AJ	0.244	0.232	0.335	0.309
0.245				
P5Q3BC	0.428	0.391	0.509	0.341
0.382				
P5Q3BN	0.335	0.319	0.350	0.278
0.227				
P5Q3CF	0.378	0.347	0.394	0.336
0.270				
P5Q3CG	0.469	0.385	0.490	0.347
0.278				
P5Q3CH	0.375	0.452	0.450	0.367
0.322				
P5Q3CI	0.429	0.484	0.457	0.317
0.354				
P5Q3CN	0.305	0.270	0.385	0.259
0.245				
P5Q3CO	0.304	0.295	0.355	0.269
0.256				
P5Q3CQ	0.405	0.427	0.434	0.324
0.308				
P5Q3CW	0.267	0.371	0.308	0.281
0.269				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3AZ	P5Q3BB1	P5Q3BB2	P5Q3BB5	P5Q3BB6
P5Q3BB1	0.529				
P5Q3BB2	0.437	0.657			
P5Q3BB5	0.366	0.411	0.395		
P5Q3BB6	0.449	0.687	0.633	0.479	
P5Q3BB7	0.446	0.582	0.543	0.423	0.738
P5Q3X	0.351	0.182	0.118	0.135	0.138
P5Q3AA	0.272	0.209	0.154	0.107	0.164
P5Q3AL	0.313	0.260	0.248	0.158	0.250
P5Q3AP	0.323	0.242	0.177	0.200	0.240
P5Q3BI	0.243	0.158	0.173	0.168	0.219
P5Q3BZ	0.374	0.240	0.240	0.240	0.200
P5Q3CJ	0.414	0.358	0.228	0.185	0.289
P5Q3C	0.228	0.253	0.175	0.121	0.232
P5Q3O	0.371	0.245	0.198	0.171	0.243
P5Q3R	0.350	0.258	0.149	0.158	0.238
P5Q3S	0.397	0.238	0.161	0.168	0.197
P5Q3T	0.398	0.288	0.176	0.228	0.218
P5Q3U	0.250	0.254	0.144	0.120	0.218
P5Q3V	0.292	0.169	0.126	0.138	0.137
P5Q3AJ	0.356	0.209	0.183	0.240	0.194
P5Q3BC	0.475	0.289	0.262	0.282	0.285
P5Q3BN	0.414	0.298	0.223	0.184	0.294
P5Q3CF	0.350	0.324	0.259	0.198	0.306
P5Q3CG	0.458	0.324	0.314	0.253	0.338
P5Q3CH	0.469	0.406	0.320	0.218	

					0.342
P5Q3CI	0.452	0.347	0.268	0.253	0.314
P5Q3CN	0.299	0.257	0.224	0.197	0.246
P5Q3CO	0.283	0.280	0.201	0.163	0.287
P5Q3CQ	0.447	0.286	0.247	0.200	0.342
P5Q3CW	0.435	0.264	0.215	0.215	0.287

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3BB7	P5Q3X	P5Q3AA	P5Q3AL	P5Q3AP
P5Q3X	0.202				
P5Q3AA	0.197	0.443			
P5Q3AL	0.281	0.363	0.568		
P5Q3AP	0.212	0.431	0.603	0.488	
P5Q3BI	0.233	0.203	0.274	0.290	0.243
P5Q3BZ	0.331	0.412	0.519	0.463	0.624
P5Q3CJ	0.360	0.405	0.479	0.494	0.500
P5Q3C	0.141	0.285	0.436	0.305	0.386
P5Q3O	0.282	0.514	0.527	0.478	0.512
P5Q3R	0.162	0.335	0.400	0.285	0.358
P5Q3S	0.234	0.462	0.553	0.495	0.545
P5Q3T	0.300	0.475	0.555	0.443	0.574
P5Q3U	0.176	0.390	0.710	0.417	0.530
P5Q3V	0.194	0.401	0.733	0.570	0.533
P5Q3AJ	0.282	0.421	0.584	0.613	0.484
P5Q3BC	0.450	0.459	0.511	0.474	0.495
P5Q3BN	0.222	0.397	0.419	0.267	0.424
P5Q3CF	0.277	0.355	0.468	0.340	0.447

P5Q3CG	0.265	0.418	0.380	0.314
0.391				
P5Q3CH	0.301	0.364	0.334	0.283
0.392				
P5Q3CI	0.382	0.384	0.257	0.308
0.411				
P5Q3CN	0.274	0.363	0.440	0.408
0.466				
P5Q3CO	0.219	0.413	0.517	0.364
0.439				
P5Q3CQ	0.354	0.501	0.600	0.501
0.515				
P5Q3CW	0.250	0.361	0.415	0.340
0.392				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C
P5Q3O				
	_____	_____	_____	_____
_____				
P5Q3BZ	0.229			
P5Q3CJ	0.232	0.605		
P5Q3C	0.228	0.294	0.400	
P5Q3O	0.241	0.570	0.518	0.490
P5Q3R	0.271	0.381	0.296	0.422
0.473				
P5Q3S	0.233	0.559	0.518	0.352
0.636				
P5Q3T	0.206	0.603	0.543	0.390
0.623				
P5Q3U	0.226	0.459	0.446	0.539
0.542				
P5Q3V	0.276	0.500	0.437	0.375
0.536				
P5Q3AJ	0.263	0.513	0.565	0.399
0.637				
P5Q3BC	0.269	0.580	0.674	0.400
0.682				
P5Q3BN	0.239	0.423	0.508	0.502
0.463				
P5Q3CF	0.292	0.433	0.482	0.504
0.514				
P5Q3CG	0.290	0.470	0.517	0.387
0.507				
P5Q3CH	0.198	0.431	0.458	0.390
0.341				
P5Q3CI	0.272	0.499	0.486	0.207
0.360				
P5Q3CN	0.347	0.416	0.457	0.407

0.570
```
  P5Q3CO          0.265          0.430          0.558          0.526
0.533
  P5Q3CQ          0.314          0.621          0.639          0.467
0.697
  P5Q3CW          0.290          0.447          0.466          0.375
0.415
```

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

                _____       _____       _____       _____

_____
  P5Q3S           0.548
  P5Q3T           0.453          0.821
  P5Q3U           0.433          0.513          0.556
  P5Q3V           0.368          0.517          0.537          0.732
  P5Q3AJ          0.448          0.514          0.565          0.425
0.658
  P5Q3BC          0.435          0.578          0.639          0.494
0.520
  P5Q3BN          0.428          0.472          0.505          0.470
0.311
  P5Q3CF          0.453          0.443          0.441          0.521
0.389
  P5Q3CG          0.450          0.484          0.466          0.381
0.332
  P5Q3CH          0.413          0.408          0.399          0.442
0.278
  P5Q3CI          0.356          0.358          0.365          0.268
0.233
  P5Q3CN          0.433          0.404          0.459          0.389
0.382
  P5Q3CO          0.470          0.505          0.542          0.564
0.463
  P5Q3CQ          0.440          0.542          0.646          0.554
0.544
  P5Q3CW          0.443          0.431          0.454          0.385
0.341
```

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

                _____       _____       _____       _____

_____
  P5Q3BC          0.709
  P5Q3BN          0.432          0.543
  P5Q3CF          0.394          0.516          0.525
```

```
   P5Q3CG           0.438            0.589            0.537            0.635
   P5Q3CH           0.323            0.416            0.488            0.565
0.615
   P5Q3CI           0.349            0.456            0.417            0.423
0.534
   P5Q3CN           0.522            0.541            0.466            0.457
0.454
   P5Q3CO           0.565            0.626            0.641            0.653
0.590
   P5Q3CQ           0.684            0.794            0.611            0.579
0.565
   P5Q3CW           0.409            0.474            0.553            0.466
0.498
```

```
            CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
               P5Q3CH           P5Q3CI           P5Q3CN           P5Q3CO
P5Q3CQ

               _____         _____         _____         _____
_____
   P5Q3CI           0.549
   P5Q3CN           0.379            0.446
   P5Q3CO           0.516            0.412            0.527
   P5Q3CQ           0.504            0.517            0.608            0.702
   P5Q3CW           0.375            0.443            0.479            0.529
0.523
```

```
            CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
               P5Q3CW

               _____
```

UNIVARIATE SAMPLE STATISTICS

     UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

| Variable/ Percentiles | Mean/ | Skewness/ | Minimum/ | % with |
Sample Size 20%/60% 40%/80%	Variance Median	Kurtosis	Maximum	Min/Max
THREATCOMP −0.424 −0.212 −0.098	0.006	1.934	−1.128	0.03%
3736.000 0.024 0.364	0.295	10.692	7.103	0.03%
DEPCOMP −0.426 −0.192 −0.076	0.008	1.308	−1.473	0.03%
3736.000	0.287	3.900	4.020	0.03%

0.058   0.383

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters   372

Chi-Square Test of Model Fit

            Value   18361.877*
            Degrees of Freedom   5127
            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   0.026
            90 Percent C.I.   0.026 0.027
            Probability RMSEA <= .05   1.000

CFI/TLI

            CFI   0.871
            TLI   0.868

Chi-Square Test of Model Fit for the Baseline Model

            Value   107698.803
            Degrees of Freedom   5252
            P-Value   0.0000

SRMR (Standardized Root Mean Square Residual)

            Value   0.066

Optimum Function Value for Weighted Least-Squares Estimator

            Value   0.43040106D+01

MODEL RESULTS

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.651	0.018	36.307	0.000
K6B1B_R	0.772	0.017	44.603	0.000
K6B1C_R	0.764	0.017	45.785	0.000
K6B1D_R	0.631	0.022	29.331	0.000
SC9 BY				
K5E1A	0.158	0.025	6.303	0.000
K5E1B	0.123	0.024	5.114	0.000
K5E1C	0.192	0.025	7.794	0.000
K5E1D	0.210	0.027	7.690	0.000
INTERNAL BY				
K6D2AG_R	0.693	0.012	59.512	0.000
K6D2AI_R	0.521	0.015	33.764	0.000
K6D2D_R	0.583	0.014	41.319	0.000
K6D2J_R	0.528	0.014	37.210	0.000
K6D2T_R	0.616	0.014	44.123	0.000
K6D2AC_R	0.789	0.012	67.373	0.000
K6D2AK_R	0.503	0.016	32.015	0.000
K6D2C_R	0.542	0.015	36.333	0.000
K6D2N_R	0.758	0.011	67.680	0.000
K6D2X_R	0.688	0.016	42.381	0.000
EXTERN BY				
K6D2A_R	0.454	0.016	27.543	0.000
K6D2P_R	0.643	0.015	43.777	0.000
K6D2R_R	0.496	0.017	30.050	0.000
K6D2Z_R	0.525	0.016	32.672	0.000
K6D2AB_R	0.531	0.015	35.603	0.000
K6D2AJ_R	0.674	0.014	47.515	0.000
K6D61C	0.788	0.016	49.818	0.000
K6D61D	0.580	0.016	36.342	0.000
K6D61E	0.576	0.021	26.830	0.000
K6D61K	0.777	0.015	51.803	0.000
K6D61L	0.505	0.021	24.335	0.000
K6D61M	0.421	0.020	21.294	0.000
K6D40_R	0.578	0.026	22.413	0.000
K6D48_R	0.507	0.021	24.132	0.000
K6F63_R	0.536	0.019	27.594	0.000
K6F68_R	0.594	0.038	15.588	0.000
K6F74_R	0.575	0.034	17.076	0.000

```
PAF        BY
    K6D2B_R           0.632      0.014      45.371      0.000
    K6D2F_R           0.554      0.013      41.744      0.000
    K6D2G_R           0.360      0.020      18.344      0.000
    K6D2I_R           0.418      0.014      29.216      0.000
    K6D2K_R           0.479      0.014      34.327      0.000
    K6D2L_R           0.592      0.018      33.003      0.000
    K6D2M_R           0.492      0.014      34.195      0.000
    K6D2O_R           0.476      0.014      33.541      0.000
    K6D2S_R           0.726      0.013      57.492      0.000
    K6D2V_R           0.495      0.015      33.285      0.000
    K6D2W_R           0.545      0.013      41.044      0.000
    K6D2Y_R           0.536      0.016      34.502      0.000
    K6D2AA_R          0.590      0.013      44.603      0.000
    K6D2AE_R          0.394      0.014      27.802      0.000
    K6D2AF_R          0.511      0.017      30.920      0.000
    K6D2AH_R          0.401      0.016      25.379      0.000

INCBCL     BY
    P5Q3M             0.260      0.074       3.523      0.000
    P5Q3AB            0.180      0.051       3.496      0.000
    P5Q3AD            0.248      0.070       3.559      0.000
    P5Q3AF            0.295      0.084       3.520      0.000
    P5Q3AH            0.335      0.095       3.527      0.000
    P5Q3AR            0.256      0.073       3.508      0.000
    P5Q3AV            0.290      0.081       3.563      0.000
    P5Q3AX            0.307      0.087       3.517      0.000
    P5Q3BQ            0.231      0.066       3.529      0.000
    P5Q3CK            0.348      0.100       3.490      0.000
    P5Q3DB            0.223      0.063       3.549      0.000
    P5Q3E             0.187      0.054       3.446      0.001
    P5Q3A0            0.234      0.067       3.482      0.000
    P5Q3BK            0.261      0.075       3.498      0.000
    P5Q3B0            0.248      0.071       3.495      0.000
    P5Q3CU            0.255      0.073       3.493      0.000
    P5Q3DA            0.285      0.082       3.483      0.000
    P5Q3AS            0.225      0.064       3.519      0.000
    P5Q3AU            0.211      0.062       3.415      0.001
    P5Q3AZ            0.298      0.085       3.516      0.000
    P5Q3BB1           0.255      0.073       3.507      0.000
    P5Q3BB2           0.202      0.058       3.486      0.000
    P5Q3BB5           0.165      0.048       3.433      0.001
    P5Q3BB6           0.253      0.072       3.523      0.000
    P5Q3BB7           0.242      0.070       3.460      0.001

EXCBCL     BY
    P5Q3X             0.347      0.036       9.558      0.000
    P5Q3AA            0.440      0.046       9.634      0.000
    P5Q3AL            0.363      0.038       9.440      0.000
    P5Q3AP            0.412      0.043       9.654      0.000
```

P5Q3BI	0.237	0.027	8.954	0.000
P5Q3BZ	0.433	0.045	9.555	0.000
P5Q3CJ	0.438	0.046	9.613	0.000
P5Q3C	0.357	0.038	9.464	0.000
P5Q3O	0.454	0.047	9.674	0.000
P5Q3R	0.375	0.040	9.350	0.000
P5Q3S	0.462	0.048	9.651	0.000
P5Q3T	0.469	0.048	9.703	0.000
P5Q3U	0.434	0.045	9.653	0.000
P5Q3V	0.423	0.044	9.703	0.000
P5Q3AJ	0.440	0.046	9.623	0.000
P5Q3BC	0.492	0.051	9.669	0.000
P5Q3BN	0.424	0.044	9.628	0.000
P5Q3CF	0.435	0.045	9.707	0.000
P5Q3CG	0.442	0.046	9.605	0.000
P5Q3CH	0.416	0.043	9.659	0.000
P5Q3CI	0.387	0.041	9.335	0.000
P5Q3CN	0.392	0.041	9.544	0.000
P5Q3CO	0.454	0.047	9.645	0.000
P5Q3CQ	0.512	0.053	9.728	0.000
P5Q3CW	0.381	0.040	9.639	0.000

INCBCL   ON

SC9	−2.217	0.752	−2.949	0.003

EXCBCL   ON

SC9	−1.323	0.215	−6.160	0.000

EXTERN   ON

SC9	0.334	0.111	3.013	0.003
SC15	−0.327	0.026	−12.639	0.000
EXCBCL	0.285	0.042	6.767	0.000

INTERNAL ON

SC9	0.117	0.166	0.705	0.481
SC15	−0.424	0.027	−15.951	0.000
INCBCL	0.095	0.055	1.732	0.083

PAF   ON

SC9	0.042	0.029	1.442	0.149
SC15	0.663	0.032	20.737	0.000

INCBCL   ON

DEPCOMP	1.009	0.304	3.317	0.001
THREATCOMP	0.559	0.193	2.903	0.004

EXCBCL   ON

DEPCOMP	0.399	0.080	4.994	0.000
THREATCOMP	0.927	0.117	7.942	0.000

```
EXTERN    ON
    THREATCOMP        0.124      0.070      1.770      0.077
    DEPCOMP          −0.018      0.050     −0.364      0.716

INTERNAL ON
    THREATCOMP        0.069      0.056      1.232      0.218
    DEPCOMP           0.074      0.079      0.946      0.344

PAF      ON
    THREATCOMP       −0.007      0.045     −0.149      0.882
    DEPCOMP          −0.264      0.046     −5.695      0.000

SC9      WITH
    SC15              0.104      0.027      3.808      0.000

EXTERN   WITH
    INTERNALIZ        0.420      0.019     21.957      0.000

PAF      WITH
    INTERNALIZ       −0.505      0.018    −28.091      0.000
    EXTERN           −0.121      0.023     −5.261      0.000

Thresholds
    K6B1A_R$1        −1.702      0.038    −45.166      0.000
    K6B1A_R$2        −1.162      0.028    −41.544      0.000
    K6B1A_R$3         0.062      0.022      2.835      0.005
    K6B1B_R$1        −1.799      0.040    −44.694      0.000
    K6B1B_R$2        −1.251      0.029    −43.150      0.000
    K6B1B_R$3        −0.163      0.022     −7.474      0.000
    K6B1C_R$1        −1.607      0.035    −45.321      0.000
    K6B1C_R$2        −1.212      0.029    −42.329      0.000
    K6B1C_R$3        −0.188      0.022     −8.622      0.000
    K6B1D_R$1        −1.990      0.047    −42.647      0.000
    K6B1D_R$2        −1.542      0.034    −45.231      0.000
    K6B1D_R$3        −0.538      0.023    −23.532      0.000
    K5E1A$1          −1.309      0.030    −43.174      0.000
    K5E1A$2          −0.905      0.026    −35.484      0.000
    K5E1A$3          −0.634      0.024    −26.888      0.000
    K5E1A$4          −0.227      0.022    −10.255      0.000
    K5E1B$1          −1.132      0.028    −40.778      0.000
    K5E1B$2          −0.730      0.024    −30.343      0.000
    K5E1B$3          −0.431      0.023    −19.112      0.000
    K5E1B$4           0.029      0.022      1.325      0.185
    K5E1C$1          −1.329      0.030    −43.692      0.000
    K5E1C$2          −0.979      0.026    −37.679      0.000
    K5E1C$3          −0.679      0.024    −28.643      0.000
    K5E1C$4          −0.241      0.022    −10.974      0.000
    K5E1D$1          −1.543      0.034    −44.984      0.000
    K5E1D$2          −1.254      0.029    −42.759      0.000
    K5E1D$3          −1.021      0.027    −38.310      0.000
```

K5E1D$4	−0.642	0.024	−27.248	0.000
K6D2AG_R$1	0.140	0.022	6.508	0.000
K6D2AG_R$2	0.670	0.023	28.697	0.000
K6D2AG_R$3	1.647	0.036	45.374	0.000
K6D2AI_R$1	0.190	0.022	8.773	0.000
K6D2AI_R$2	0.727	0.024	30.751	0.000
K6D2AI_R$3	1.458	0.032	45.480	0.000
K6D2D_R$1	0.239	0.022	10.978	0.000
K6D2D_R$2	0.774	0.024	32.178	0.000
K6D2D_R$3	1.596	0.035	45.424	0.000
K6D2J_R$1	−0.484	0.023	−21.455	0.000
K6D2J_R$2	0.214	0.022	9.815	0.000
K6D2J_R$3	1.384	0.031	44.413	0.000
K6D2T_R$1	0.374	0.022	16.996	0.000
K6D2T_R$2	0.807	0.024	33.372	0.000
K6D2T_R$3	1.585	0.035	45.541	0.000
K6D2AC_R$1	0.502	0.023	22.257	0.000
K6D2AC_R$2	0.939	0.025	37.039	0.000
K6D2AC_R$3	1.793	0.040	44.412	0.000
K6D2AK_R$1	−0.011	0.021	−0.529	0.597
K6D2AK_R$2	0.520	0.023	23.039	0.000
K6D2AK_R$3	1.385	0.031	44.750	0.000
K6D2C_R$1	−0.270	0.022	−12.326	0.000
K6D2C_R$2	0.208	0.022	9.511	0.000
K6D2C_R$3	1.210	0.028	42.543	0.000
K6D2N_R$1	0.220	0.022	10.119	0.000
K6D2N_R$2	0.794	0.024	32.833	0.000
K6D2N_R$3	1.741	0.039	44.885	0.000
K6D2X_R$1	1.015	0.026	38.898	0.000
K6D2X_R$2	1.426	0.032	44.895	0.000
K6D2X_R$3	2.151	0.054	39.897	0.000
K6D2A_R$1	−0.929	0.025	−36.887	0.000
K6D2A_R$2	−0.343	0.022	−15.648	0.000
K6D2A_R$3	0.929	0.025	36.829	0.000
K6D2P_R$1	−0.648	0.023	−28.004	0.000
K6D2P_R$2	−0.049	0.022	−2.276	0.023
K6D2P_R$3	1.055	0.026	39.860	0.000
K6D2R_R$1	−0.930	0.025	−36.972	0.000
K6D2R_R$2	−0.206	0.022	−9.476	0.000
K6D2R_R$3	1.070	0.027	40.096	0.000
K6D2Z_R$1	−0.874	0.025	−35.384	0.000
K6D2Z_R$2	−0.258	0.022	−11.810	0.000
K6D2Z_R$3	1.021	0.026	39.281	0.000
K6D2AB_R$1	−0.814	0.024	−33.581	0.000
K6D2AB_R$2	−0.174	0.022	−8.043	0.000
K6D2AB_R$3	0.848	0.025	34.492	0.000
K6D2AJ_R$1	−0.232	0.022	−10.679	0.000
K6D2AJ_R$2	0.281	0.022	12.828	0.000
K6D2AJ_R$3	1.182	0.028	42.368	0.000
K6D61C$1	1.424	0.032	44.373	0.000

K6D61C$2	2.199	0.056	39.597	0.000
K6D61C$3	2.504	0.073	34.502	0.000
K6D61D$1	0.694	0.024	29.182	0.000
K6D61D$2	1.582	0.034	45.872	0.000
K6D61D$3	2.005	0.046	43.351	0.000
K6D61E$1	1.323	0.030	43.493	0.000
K6D61E$2	2.124	0.053	40.270	0.000
K6D61E$3	2.493	0.075	33.364	0.000
K6D61K$1	1.365	0.031	44.036	0.000
K6D61K$2	2.178	0.055	39.486	0.000
K6D61K$3	2.433	0.070	34.864	0.000
K6D61L$1	1.176	0.028	41.508	0.000
K6D61L$2	2.014	0.047	42.461	0.000
K6D61L$3	2.354	0.065	36.137	0.000
K6D61M$1	0.626	0.023	27.005	0.000
K6D61M$2	1.521	0.033	45.686	0.000
K6D61M$3	1.899	0.043	44.031	0.000
K6D40_R$1	1.622	0.036	44.924	0.000
K6D48_R$1	0.964	0.026	37.658	0.000
K6F63_R$1	0.801	0.024	32.743	0.000
K6F68_R$1	2.193	0.057	38.639	0.000
K6F74_R$1	2.098	0.053	39.626	0.000
K6D2B_R$1	−2.068	0.050	−41.417	0.000
K6D2B_R$2	−1.663	0.036	−45.628	0.000
K6D2B_R$3	−0.675	0.023	−28.876	0.000
K6D2F_R$1	−1.885	0.043	−43.880	0.000
K6D2F_R$2	−1.397	0.031	−44.871	0.000
K6D2F_R$3	−0.144	0.022	−6.681	0.000
K6D2G_R$1	−2.194	0.055	−39.701	0.000
K6D2G_R$2	−1.938	0.044	−43.620	0.000
K6D2G_R$3	−0.932	0.025	−36.764	0.000
K6D2I_R$1	−1.909	0.044	−43.512	0.000
K6D2I_R$2	−1.233	0.029	−43.070	0.000
K6D2I_R$3	0.133	0.022	6.180	0.000
K6D2K_R$1	−2.040	0.049	−41.799	0.000
K6D2K_R$2	−1.354	0.030	−44.550	0.000
K6D2K_R$3	0.045	0.021	2.080	0.038
K6D2L_R$1	−2.536	0.078	−32.368	0.000
K6D2L_R$2	−2.166	0.054	−40.003	0.000
K6D2L_R$3	−1.227	0.029	−42.779	0.000
K6D2M_R$1	−2.271	0.061	−37.395	0.000
K6D2M_R$2	−1.593	0.035	−45.539	0.000
K6D2M_R$3	−0.003	0.021	−0.122	0.903
K6D2O_R$1	−1.504	0.033	−45.460	0.000
K6D2O_R$2	−1.187	0.028	−42.594	0.000
K6D2O_R$3	−0.269	0.022	−12.320	0.000
K6D2S_R$1	−2.181	0.056	−39.120	0.000
K6D2S_R$2	−1.623	0.036	−45.693	0.000
K6D2S_R$3	−0.411	0.022	−18.507	0.000
K6D2V_R$1	−2.380	0.067	−35.408	0.000

K6D2V_R$2	−1.893	0.043	−43.889	0.000
K6D2V_R$3	−0.303	0.022	−13.857	0.000
K6D2W_R$1	−2.132	0.053	−40.104	0.000
K6D2W_R$2	−1.441	0.032	−45.316	0.000
K6D2W_R$3	−0.174	0.022	−8.056	0.000
K6D2Y_R$1	−2.144	0.053	−40.393	0.000
K6D2Y_R$2	−1.658	0.036	−45.557	0.000
K6D2Y_R$3	−0.678	0.023	−28.920	0.000
K6D2AA_R$1	−2.178	0.055	−39.851	0.000
K6D2AA_R$2	−1.646	0.036	−45.880	0.000
K6D2AA_R$3	−0.432	0.022	−19.396	0.000
K6D2AE_R$1	−1.876	0.043	−43.858	0.000
K6D2AE_R$2	−1.166	0.028	−42.044	0.000
K6D2AE_R$3	0.309	0.022	14.142	0.000
K6D2AF_R$1	−2.261	0.060	−37.847	0.000
K6D2AF_R$2	−1.928	0.044	−43.355	0.000
K6D2AF_R$3	−0.818	0.024	−33.643	0.000
K6D2AH_R$1	−1.875	0.043	−43.548	0.000
K6D2AH_R$2	−1.483	0.033	−45.062	0.000
K6D2AH_R$3	−0.267	0.022	−12.182	0.000
P5Q3M$1	0.977	0.027	36.873	0.000
P5Q3M$2	2.039	0.049	41.522	0.000
P5Q3AB$1	0.495	0.023	21.584	0.000
P5Q3AB$2	1.919	0.045	43.063	0.000
P5Q3AD$1	1.092	0.028	39.494	0.000
P5Q3AD$2	2.181	0.055	39.955	0.000
P5Q3AF$1	1.239	0.030	41.267	0.000
P5Q3AF$2	2.385	0.064	37.455	0.000
P5Q3AH$1	1.634	0.037	44.097	0.000
P5Q3AH$2	2.542	0.078	32.603	0.000
P5Q3AR$1	1.318	0.031	42.955	0.000
P5Q3AR$2	2.342	0.064	36.414	0.000
P5Q3AV$1	1.195	0.029	41.620	0.000
P5Q3AV$2	2.284	0.061	37.398	0.000
P5Q3AX$1	1.631	0.038	43.434	0.000
P5Q3AX$2	2.702	0.092	29.302	0.000
P5Q3BQ$1	0.279	0.022	12.537	0.000
P5Q3BQ$2	1.898	0.044	43.582	0.000
P5Q3CK$1	2.083	0.055	37.993	0.000
P5Q3CK$2	2.668	0.093	28.783	0.000
P5Q3DB$1	0.464	0.023	20.340	0.000
P5Q3DB$2	1.870	0.043	43.172	0.000
P5Q3E$1	1.059	0.028	38.360	0.000
P5Q3E$2	1.993	0.046	43.407	0.000
P5Q3A0$1	1.033	0.027	38.229	0.000
P5Q3A0$2	2.146	0.053	40.411	0.000
P5Q3BK$1	1.234	0.030	41.551	0.000
P5Q3BK$2	2.416	0.069	34.833	0.000
P5Q3B0$1	0.894	0.026	34.625	0.000
P5Q3B0$2	2.251	0.056	40.292	0.000

P5Q3CU$1	1.414	0.033	43.455	0.000
P5Q3CU$2	2.334	0.064	36.685	0.000
P5Q3DA$1	1.371	0.032	42.816	0.000
P5Q3DA$2	2.555	0.079	32.371	0.000
P5Q3AS$1	0.771	0.024	31.477	0.000
P5Q3AS$2	2.447	0.072	33.862	0.000
P5Q3AU$1	1.441	0.033	43.643	0.000
P5Q3AU$2	2.371	0.067	35.399	0.000
P5Q3AZ$1	1.535	0.035	43.369	0.000
P5Q3AZ$2	2.450	0.069	35.749	0.000
P5Q3BB1$1	1.340	0.031	43.273	0.000
P5Q3BB1$2	2.417	0.071	33.830	0.000
P5Q3BB2$1	0.909	0.026	35.391	0.000
P5Q3BB2$2	2.186	0.056	38.890	0.000
P5Q3BB5$1	1.106	0.028	39.826	0.000
P5Q3BB5$2	2.004	0.048	41.826	0.000
P5Q3BB6$1	1.163	0.028	40.865	0.000
P5Q3BB6$2	2.449	0.072	34.083	0.000
P5Q3BB7$1	1.642	0.038	43.714	0.000
P5Q3BB7$2	2.527	0.080	31.512	0.000
P5Q3X$1	0.796	0.025	31.667	0.000
P5Q3X$2	1.971	0.045	44.096	0.000
P5Q3AA$1	0.163	0.022	7.294	0.000
P5Q3AA$2	1.998	0.046	43.355	0.000
P5Q3AL$1	1.266	0.031	40.877	0.000
P5Q3AL$2	2.495	0.070	35.551	0.000
P5Q3AP$1	0.563	0.024	23.588	0.000
P5Q3AP$2	2.219	0.053	41.750	0.000
P5Q3BI$1	0.257	0.022	11.608	0.000
P5Q3BI$2	1.613	0.035	45.590	0.000
P5Q3BZ$1	1.783	0.043	41.117	0.000
P5Q3BZ$2	2.480	0.072	34.626	0.000
P5Q3CJ$1	1.582	0.037	42.358	0.000
P5Q3CJ$2	2.629	0.083	31.758	0.000
P5Q3C$1	0.022	0.022	0.983	0.326
P5Q3C$2	1.356	0.031	43.796	0.000
P5Q30$1	1.153	0.029	39.693	0.000
P5Q30$2	2.200	0.055	39.908	0.000
P5Q3R$1	0.267	0.022	11.978	0.000
P5Q3R$2	1.423	0.032	44.803	0.000
P5Q3S$1	1.068	0.028	38.243	0.000
P5Q3S$2	2.021	0.047	42.980	0.000
P5Q3T$1	1.057	0.028	37.794	0.000
P5Q3T$2	2.235	0.055	40.508	0.000
P5Q3U$1	0.084	0.022	3.804	0.000
P5Q3U$2	1.950	0.044	44.232	0.000
P5Q3V$1	0.590	0.024	24.747	0.000
P5Q3V$2	2.065	0.049	42.447	0.000
P5Q3AJ$1	1.446	0.035	41.866	0.000
P5Q3AJ$2	2.383	0.065	36.883	0.000

	Estimate	S.E.	Est./S.E.	P-Value
P5Q3BC$1	1.673	0.040	42.339	0.000
P5Q3BC$2	2.518	0.074	33.882	0.000
P5Q3BN$1	0.954	0.027	35.978	0.000
P5Q3BN$2	2.057	0.048	42.659	0.000
P5Q3CF$1	0.494	0.023	21.345	0.000
P5Q3CF$2	1.955	0.044	43.952	0.000
P5Q3CG$1	0.638	0.024	26.498	0.000
P5Q3CG$2	2.110	0.049	42.636	0.000
P5Q3CH$1	1.127	0.028	39.908	0.000
P5Q3CH$2	2.345	0.065	35.912	0.000
P5Q3CI$1	1.334	0.031	42.354	0.000
P5Q3CI$2	2.520	0.074	34.277	0.000
P5Q3CN$1	0.988	0.027	36.668	0.000
P5Q3CN$2	2.266	0.057	39.593	0.000
P5Q3CO$1	0.580	0.024	24.496	0.000
P5Q3CO$2	1.765	0.039	45.038	0.000
P5Q3CQ$1	1.754	0.042	42.035	0.000
P5Q3CQ$2	2.605	0.081	32.087	0.000
P5Q3CW$1	0.825	0.025	32.487	0.000
P5Q3CW$2	1.937	0.045	42.775	0.000
Variances				
SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000
Residual Variances				
INTERNALIZ	1.000	0.000	999.000	999.000
EXTERN	1.000	0.000	999.000	999.000
PAF	1.000	0.000	999.000	999.000
INCBCL	1.000	0.000	999.000	999.000
EXCBCL	1.000	0.000	999.000	999.000

STANDARDIZED MODEL RESULTS

STDYX Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.651	0.018	36.307	0.000
K6B1B_R	0.772	0.017	44.603	0.000
K6B1C_R	0.764	0.017	45.785	0.000
K6B1D_R	0.631	0.022	29.331	0.000
SC9 BY				
K5E1A	0.158	0.025	6.303	0.000
K5E1B	0.123	0.024	5.114	0.000

K5E1C	0.192	0.025	7.794	0.000
K5E1D	0.210	0.027	7.690	0.000

INTERNAL BY

K6D2AG_R	0.764	0.011	71.123	0.000
K6D2AI_R	0.575	0.016	36.074	0.000
K6D2D_R	0.643	0.015	44.076	0.000
K6D2J_R	0.582	0.015	39.820	0.000
K6D2T_R	0.679	0.014	48.101	0.000
K6D2AC_R	0.869	0.010	89.083	0.000
K6D2AK_R	0.556	0.016	33.852	0.000
K6D2C_R	0.598	0.015	39.010	0.000
K6D2N_R	0.835	0.009	88.063	0.000
K6D2X_R	0.758	0.016	46.673	0.000

EXTERN   BY

K6D2A_R	0.504	0.017	29.841	0.000
K6D2P_R	0.710	0.013	55.827	0.000
K6D2R_R	0.550	0.016	34.097	0.000
K6D2Z_R	0.583	0.016	36.922	0.000
K6D2AB_R	0.589	0.015	40.091	0.000
K6D2AJ_R	0.744	0.012	59.669	0.000
K6D61C	0.866	0.013	68.292	0.000
K6D61D	0.642	0.016	39.765	0.000
K6D61E	0.637	0.023	28.049	0.000
K6D61K	0.854	0.012	69.453	0.000
K6D61L	0.561	0.022	25.678	0.000
K6D61M	0.469	0.021	22.245	0.000
K6D40_R	0.640	0.027	23.566	0.000
K6D48_R	0.563	0.022	25.457	0.000
K6F63_R	0.594	0.020	29.564	0.000
K6F68_R	0.657	0.041	16.159	0.000
K6F74_R	0.636	0.036	17.840	0.000

PAF   BY

K6D2B_R	0.762	0.014	54.560	0.000
K6D2F_R	0.669	0.014	48.671	0.000
K6D2G_R	0.435	0.024	18.437	0.000
K6D2I_R	0.506	0.017	30.624	0.000
K6D2K_R	0.578	0.015	38.028	0.000
K6D2L_R	0.714	0.020	36.444	0.000
K6D2M_R	0.594	0.015	39.548	0.000
K6D2O_R	0.575	0.015	37.786	0.000
K6D2S_R	0.874	0.010	91.512	0.000
K6D2V_R	0.598	0.016	37.160	0.000
K6D2W_R	0.659	0.014	47.715	0.000
K6D2Y_R	0.647	0.017	38.204	0.000
K6D2AA_R	0.712	0.013	53.566	0.000
K6D2AE_R	0.477	0.016	29.368	0.000
K6D2AF_R	0.617	0.019	32.663	0.000

K6D2AH_R	0.485	0.018	26.590	0.000
INCBCL BY				
P5Q3M	0.647	0.021	30.811	0.000
P5Q3AB	0.453	0.022	20.959	0.000
P5Q3AD	0.620	0.023	26.948	0.000
P5Q3AF	0.731	0.020	36.766	0.000
P5Q3AH	0.827	0.022	37.073	0.000
P5Q3AR	0.639	0.024	26.213	0.000
P5Q3AV	0.721	0.020	35.744	0.000
P5Q3AX	0.760	0.026	28.748	0.000
P5Q3BQ	0.579	0.019	30.650	0.000
P5Q3CK	0.857	0.034	25.090	0.000
P5Q3DB	0.559	0.020	27.966	0.000
P5Q3E	0.470	0.028	16.761	0.000
P5Q3A0	0.585	0.023	25.095	0.000
P5Q3BK	0.650	0.024	26.940	0.000
P5Q3B0	0.620	0.020	30.542	0.000
P5Q3CU	0.637	0.028	23.165	0.000
P5Q3DA	0.709	0.024	29.765	0.000
P5Q3AS	0.562	0.020	28.241	0.000
P5Q3AU	0.529	0.033	16.061	0.000
P5Q3AZ	0.740	0.025	29.885	0.000
P5Q3BB1	0.637	0.026	24.212	0.000
P5Q3BB2	0.508	0.024	21.011	0.000
P5Q3BB5	0.416	0.029	14.407	0.000
P5Q3BB6	0.632	0.022	28.227	0.000
P5Q3BB7	0.605	0.035	17.460	0.000
EXCBCL BY				
P5Q3X	0.601	0.019	31.446	0.000
P5Q3AA	0.751	0.011	66.007	0.000
P5Q3AL	0.628	0.023	27.604	0.000
P5Q3AP	0.708	0.015	48.637	0.000
P5Q3BI	0.416	0.021	19.721	0.000
P5Q3BZ	0.741	0.029	25.536	0.000
P5Q3CJ	0.749	0.021	35.146	0.000
P5Q3C	0.618	0.016	38.290	0.000
P5Q30	0.773	0.016	49.671	0.000
P5Q3R	0.647	0.015	42.406	0.000
P5Q3S	0.787	0.013	58.412	0.000
P5Q3T	0.798	0.013	62.594	0.000
P5Q3U	0.743	0.011	66.753	0.000
P5Q3V	0.725	0.013	54.787	0.000
P5Q3AJ	0.752	0.019	40.318	0.000
P5Q3BC	0.834	0.019	44.966	0.000
P5Q3BN	0.727	0.016	45.583	0.000
P5Q3CF	0.744	0.013	57.888	0.000
P5Q3CG	0.755	0.013	57.819	0.000
P5Q3CH	0.714	0.018	39.287	0.000

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    P5Q3CI              0.667      0.025     26.569      0.000
    P5Q3CN              0.674      0.019     36.103      0.000
    P5Q3CO              0.774      0.012     64.398      0.000
    P5Q3CQ              0.865      0.019     45.706      0.000
    P5Q3CW              0.657      0.018     37.533      0.000

INCBCL     ON
    SC9                -0.874      0.051    -17.304      0.000

EXCBCL     ON
    SC9                -0.747      0.045    -16.756      0.000

EXTERN     ON
    SC9                 0.299      0.096      3.112      0.002
    SC15               -0.292      0.021    -14.258      0.000
    EXCBCL              0.451      0.097      4.639      0.000

INTERNAL ON
    SC9                 0.106      0.149      0.707      0.480
    SC15               -0.384      0.020    -18.749      0.000
    INCBCL              0.218      0.152      1.432      0.152

PAF        ON
    SC9                 0.034      0.024      1.443      0.149
    SC15                0.547      0.019     29.516      0.000

INCBCL     ON
    DEPCOMP             0.213      0.023      9.274      0.000
    THREATCOMP          0.120      0.024      5.030      0.000

EXCBCL     ON
    DEPCOMP             0.121      0.020      5.898      0.000
    THREATCOMP          0.284      0.020     14.031      0.000

EXTERN     ON
    THREATCOMP          0.060      0.034      1.748      0.081
    DEPCOMP            -0.009      0.024     -0.365      0.715

INTERNAL ON
    THREATCOMP          0.034      0.028      1.230      0.219
    DEPCOMP             0.036      0.038      0.943      0.345

PAF        ON
    THREATCOMP         -0.003      0.020     -0.149      0.882
    DEPCOMP            -0.117      0.020     -5.755      0.000

SC9        WITH
    SC15                0.104      0.027      3.808      0.000

EXTERN     WITH
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        INTERNALIZ        0.420    0.019    21.957    0.000

PAF      WITH
        INTERNALIZ       -0.505    0.018   -28.091    0.000
        EXTERN           -0.121    0.023    -5.261    0.000

Thresholds
        K6B1A_R$1        -1.702    0.038   -45.166    0.000
        K6B1A_R$2        -1.162    0.028   -41.544    0.000
        K6B1A_R$3         0.062    0.022     2.835    0.005
        K6B1B_R$1        -1.799    0.040   -44.694    0.000
        K6B1B_R$2        -1.251    0.029   -43.150    0.000
        K6B1B_R$3        -0.163    0.022    -7.474    0.000
        K6B1C_R$1        -1.607    0.035   -45.321    0.000
        K6B1C_R$2        -1.212    0.029   -42.329    0.000
        K6B1C_R$3        -0.188    0.022    -8.622    0.000
        K6B1D_R$1        -1.990    0.047   -42.647    0.000
        K6B1D_R$2        -1.542    0.034   -45.231    0.000
        K6B1D_R$3        -0.538    0.023   -23.532    0.000
        K5E1A$1          -1.309    0.030   -43.174    0.000
        K5E1A$2          -0.905    0.026   -35.484    0.000
        K5E1A$3          -0.634    0.024   -26.888    0.000
        K5E1A$4          -0.227    0.022   -10.255    0.000
        K5E1B$1          -1.132    0.028   -40.778    0.000
        K5E1B$2          -0.730    0.024   -30.343    0.000
        K5E1B$3          -0.431    0.023   -19.112    0.000
        K5E1B$4           0.029    0.022     1.325    0.185
        K5E1C$1          -1.329    0.030   -43.692    0.000
        K5E1C$2          -0.979    0.026   -37.679    0.000
        K5E1C$3          -0.679    0.024   -28.643    0.000
        K5E1C$4          -0.241    0.022   -10.974    0.000
        K5E1D$1          -1.543    0.034   -44.984    0.000
        K5E1D$2          -1.254    0.029   -42.759    0.000
        K5E1D$3          -1.021    0.027   -38.310    0.000
        K5E1D$4          -0.642    0.024   -27.248    0.000
        K6D2AG_R$1        0.140    0.021     6.510    0.000
        K6D2AG_R$2        0.667    0.023    28.720    0.000
        K6D2AG_R$3        1.640    0.036    45.449    0.000
        K6D2AI_R$1        0.189    0.022     8.776    0.000
        K6D2AI_R$2        0.726    0.024    30.767    0.000
        K6D2AI_R$3        1.454    0.032    45.421    0.000
        K6D2D_R$1         0.238    0.022    10.982    0.000
        K6D2D_R$2         0.771    0.024    32.183    0.000
        K6D2D_R$3         1.591    0.035    45.378    0.000
        K6D2J_R$1        -0.483    0.023   -21.439    0.000
        K6D2J_R$2         0.214    0.022     9.819    0.000
        K6D2J_R$3         1.380    0.031    44.398    0.000
        K6D2T_R$1         0.373    0.022    17.016    0.000
        K6D2T_R$2         0.804    0.024    33.409    0.000
        K6D2T_R$3         1.579    0.035    45.543    0.000
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K6D2AC_R$1	0.500	0.022	22.324	0.000
K6D2AC_R$2	0.934	0.025	37.158	0.000
K6D2AC_R$3	1.783	0.040	44.532	0.000
K6D2AK_R$1	−0.011	0.021	−0.529	0.597
K6D2AK_R$2	0.519	0.023	23.043	0.000
K6D2AK_R$3	1.382	0.031	44.708	0.000
K6D2C_R$1	−0.269	0.022	−12.318	0.000
K6D2C_R$2	0.207	0.022	9.514	0.000
K6D2C_R$3	1.207	0.028	42.546	0.000
K6D2N_R$1	0.218	0.022	10.125	0.000
K6D2N_R$2	0.790	0.024	32.910	0.000
K6D2N_R$3	1.732	0.039	44.946	0.000
K6D2X_R$1	1.011	0.026	39.019	0.000
K6D2X_R$2	1.420	0.032	44.949	0.000
K6D2X_R$3	2.142	0.054	39.820	0.000
K6D2A_R$1	−0.923	0.025	−36.798	0.000
K6D2A_R$2	−0.341	0.022	−15.638	0.000
K6D2A_R$3	0.924	0.025	36.762	0.000
K6D2P_R$1	−0.641	0.023	−27.906	0.000
K6D2P_R$2	−0.049	0.021	−2.275	0.023
K6D2P_R$3	1.043	0.026	39.758	0.000
K6D2R_R$1	−0.923	0.025	−36.845	0.000
K6D2R_R$2	−0.204	0.022	−9.473	0.000
K6D2R_R$3	1.063	0.027	40.002	0.000
K6D2Z_R$1	−0.867	0.025	−35.243	0.000
K6D2Z_R$2	−0.256	0.022	−11.803	0.000
K6D2Z_R$3	1.013	0.026	39.181	0.000
K6D2AB_R$1	−0.807	0.024	−33.496	0.000
K6D2AB_R$2	−0.173	0.021	−8.040	0.000
K6D2AB_R$3	0.841	0.024	34.424	0.000
K6D2AJ_R$1	−0.229	0.021	−10.668	0.000
K6D2AJ_R$2	0.278	0.022	12.837	0.000
K6D2AJ_R$3	1.167	0.028	42.222	0.000
K6D61C$1	1.400	0.032	44.340	0.000
K6D61C$2	2.162	0.055	39.547	0.000
K6D61C$3	2.461	0.072	34.212	0.000
K6D61D$1	0.688	0.024	29.211	0.000
K6D61D$2	1.568	0.034	45.804	0.000
K6D61D$3	1.986	0.046	43.182	0.000
K6D61E$1	1.311	0.030	43.425	0.000
K6D61E$2	2.104	0.052	40.149	0.000
K6D61E$3	2.471	0.074	33.189	0.000
K6D61K$1	1.343	0.031	43.986	0.000
K6D61K$2	2.142	0.054	39.320	0.000
K6D61K$3	2.393	0.069	34.734	0.000
K6D61L$1	1.167	0.028	41.544	0.000
K6D61L$2	2.000	0.047	42.269	0.000
K6D61L$3	2.337	0.065	36.027	0.000
K6D61M$1	0.623	0.023	27.012	0.000
K6D61M$2	1.513	0.033	45.501	0.000

K6D61M$3	1.889	0.043	43.828	0.000
K6D40_R$1	1.607	0.036	44.750	0.000
K6D48_R$1	0.957	0.025	37.631	0.000
K6F63_R$1	0.795	0.024	32.745	0.000
K6F68_R$1	2.172	0.057	38.343	0.000
K6F74_R$1	2.079	0.053	39.347	0.000
K6D2B_R$1	−2.060	0.050	−41.283	0.000
K6D2B_R$2	−1.656	0.036	−45.516	0.000
K6D2B_R$3	−0.673	0.023	−28.888	0.000
K6D2F_R$1	−1.879	0.043	−43.810	0.000
K6D2F_R$2	−1.392	0.031	−44.858	0.000
K6D2F_R$3	−0.144	0.021	−6.682	0.000
K6D2G_R$1	−2.191	0.055	−39.674	0.000
K6D2G_R$2	−1.935	0.044	−43.619	0.000
K6D2G_R$3	−0.931	0.025	−36.772	0.000
K6D2I_R$1	−1.905	0.044	−43.465	0.000
K6D2I_R$2	−1.231	0.029	−43.041	0.000
K6D2I_R$3	0.133	0.021	6.180	0.000
K6D2K_R$1	−2.035	0.049	−41.784	0.000
K6D2K_R$2	−1.351	0.030	−44.523	0.000
K6D2K_R$3	0.045	0.021	2.079	0.038
K6D2L_R$1	−2.527	0.078	−32.244	0.000
K6D2L_R$2	−2.158	0.054	−39.891	0.000
K6D2L_R$3	−1.223	0.029	−42.817	0.000
K6D2M_R$1	−2.266	0.061	−37.358	0.000
K6D2M_R$2	−1.589	0.035	−45.482	0.000
K6D2M_R$3	−0.003	0.021	−0.122	0.903
K6D2O_R$1	−1.501	0.033	−45.409	0.000
K6D2O_R$2	−1.185	0.028	−42.590	0.000
K6D2O_R$3	−0.268	0.022	−12.322	0.000
K6D2S_R$1	−2.170	0.056	−38.970	0.000
K6D2S_R$2	−1.614	0.035	−45.566	0.000
K6D2S_R$3	−0.409	0.022	−18.519	0.000
K6D2V_R$1	−2.374	0.067	−35.379	0.000
K6D2V_R$2	−1.888	0.043	−43.828	0.000
K6D2V_R$3	−0.302	0.022	−13.857	0.000
K6D2W_R$1	−2.126	0.053	−40.044	0.000
K6D2W_R$2	−1.437	0.032	−45.285	0.000
K6D2W_R$3	−0.173	0.022	−8.058	0.000
K6D2Y_R$1	−2.138	0.053	−40.364	0.000
K6D2Y_R$2	−1.653	0.036	−45.532	0.000
K6D2Y_R$3	−0.676	0.023	−28.944	0.000
K6D2AA_R$1	−2.170	0.055	−39.739	0.000
K6D2AA_R$2	−1.640	0.036	−45.844	0.000
K6D2AA_R$3	−0.431	0.022	−19.412	0.000
K6D2AE_R$1	−1.873	0.043	−43.824	0.000
K6D2AE_R$2	−1.165	0.028	−42.051	0.000
K6D2AE_R$3	0.309	0.022	14.139	0.000
K6D2AF_R$1	−2.255	0.060	−37.771	0.000
K6D2AF_R$2	−1.922	0.044	−43.292	0.000

K6D2AF_R$3	−0.816	0.024	−33.667	0.000
K6D2AH_R$1	−1.872	0.043	−43.458	0.000
K6D2AH_R$2	−1.481	0.033	−45.025	0.000
K6D2AH_R$3	−0.266	0.022	−12.184	0.000
P5Q3M$1	0.961	0.026	36.935	0.000
P5Q3M$2	2.005	0.048	41.408	0.000
P5Q3AB$1	0.491	0.023	21.598	0.000
P5Q3AB$2	1.903	0.044	42.975	0.000
P5Q3AD$1	1.075	0.027	39.512	0.000
P5Q3AD$2	2.147	0.054	39.777	0.000
P5Q3AF$1	1.212	0.029	41.362	0.000
P5Q3AF$2	2.333	0.062	37.593	0.000
P5Q3AH$1	1.588	0.036	44.160	0.000
P5Q3AH$2	2.470	0.075	32.723	0.000
P5Q3AR$1	1.296	0.030	42.924	0.000
P5Q3AR$2	2.303	0.063	36.415	0.000
P5Q3AV$1	1.170	0.028	41.628	0.000
P5Q3AV$2	2.235	0.060	37.397	0.000
P5Q3AX$1	1.593	0.037	43.607	0.000
P5Q3AX$2	2.638	0.089	29.564	0.000
P5Q3BQ$1	0.275	0.022	12.549	0.000
P5Q3BQ$2	1.872	0.043	43.471	0.000
P5Q3CK$1	2.020	0.053	37.994	0.000
P5Q3CK$2	2.587	0.091	28.564	0.000
P5Q3DB$1	0.458	0.023	20.342	0.000
P5Q3DB$2	1.847	0.043	42.922	0.000
P5Q3E$1	1.050	0.027	38.353	0.000
P5Q3E$2	1.975	0.046	43.141	0.000
P5Q3A0$1	1.019	0.027	38.277	0.000
P5Q3A0$2	2.116	0.052	40.342	0.000
P5Q3BK$1	1.213	0.029	41.498	0.000
P5Q3BK$2	2.374	0.069	34.649	0.000
P5Q3B0$1	0.880	0.025	34.614	0.000
P5Q3B0$2	2.215	0.055	40.064	0.000
P5Q3CU$1	1.390	0.032	43.426	0.000
P5Q3CU$2	2.295	0.063	36.569	0.000
P5Q3DA$1	1.343	0.031	42.863	0.000
P5Q3DA$2	2.502	0.077	32.435	0.000
P5Q3AS$1	0.761	0.024	31.511	0.000
P5Q3AS$2	2.416	0.071	33.884	0.000
P5Q3AU$1	1.425	0.033	43.581	0.000
P5Q3AU$2	2.344	0.066	35.410	0.000
P5Q3AZ$1	1.501	0.035	43.461	0.000
P5Q3AZ$2	2.395	0.067	35.497	0.000
P5Q3BB1$1	1.318	0.030	43.311	0.000
P5Q3BB1$2	2.377	0.071	33.659	0.000
P5Q3BB2$1	0.899	0.025	35.365	0.000
P5Q3BB2$2	2.163	0.056	38.731	0.000
P5Q3BB5$1	1.098	0.028	39.774	0.000
P5Q3BB5$2	1.990	0.048	41.624	0.000

P5Q3BB6$1	1.144	0.028	40.847	0.000
P5Q3BB6$2	2.409	0.071	33.965	0.000
P5Q3BB7$1	1.617	0.037	43.609	0.000
P5Q3BB7$2	2.489	0.079	31.488	0.000
P5Q3X$1	0.778	0.025	31.676	0.000
P5Q3X$2	1.926	0.044	43.607	0.000
P5Q3AA$1	0.157	0.021	7.303	0.000
P5Q3AA$2	1.927	0.045	43.248	0.000
P5Q3AL$1	1.234	0.030	40.864	0.000
P5Q3AL$2	2.433	0.069	35.273	0.000
P5Q3AP$1	0.545	0.023	23.653	0.000
P5Q3AP$2	2.149	0.052	41.575	0.000
P5Q3BI$1	0.255	0.022	11.611	0.000
P5Q3BI$2	1.596	0.035	45.254	0.000
P5Q3BZ$1	1.721	0.042	41.014	0.000
P5Q3BZ$2	2.394	0.070	34.058	0.000
P5Q3CJ$1	1.526	0.036	42.250	0.000
P5Q3CJ$2	2.536	0.080	31.635	0.000
P5Q3C$1	0.021	0.022	0.983	0.326
P5Q3C$2	1.324	0.031	43.379	0.000
P5Q30$1	1.110	0.028	39.974	0.000
P5Q30$2	2.117	0.054	39.495	0.000
P5Q3R$1	0.260	0.022	11.996	0.000
P5Q3R$2	1.386	0.031	44.431	0.000
P5Q3S$1	1.027	0.027	38.418	0.000
P5Q3S$2	1.942	0.046	42.573	0.000
P5Q3T$1	1.014	0.027	38.216	0.000
P5Q3T$2	2.145	0.053	40.289	0.000
P5Q3U$1	0.081	0.021	3.807	0.000
P5Q3U$2	1.882	0.043	44.123	0.000
P5Q3V$1	0.570	0.023	24.834	0.000
P5Q3V$2	1.997	0.047	42.193	0.000
P5Q3AJ$1	1.394	0.033	42.065	0.000
P5Q3AJ$2	2.298	0.063	36.414	0.000
P5Q3BC$1	1.599	0.038	42.497	0.000
P5Q3BC$2	2.407	0.072	33.528	0.000
P5Q3BN$1	0.922	0.025	36.154	0.000
P5Q3BN$2	1.989	0.047	42.269	0.000
P5Q3CF$1	0.477	0.022	21.435	0.000
P5Q3CF$2	1.887	0.043	43.628	0.000
P5Q3CG$1	0.615	0.023	26.537	0.000
P5Q3CG$2	2.034	0.048	42.139	0.000
P5Q3CH$1	1.091	0.027	39.757	0.000
P5Q3CH$2	2.270	0.064	35.615	0.000
P5Q3CI$1	1.296	0.031	42.033	0.000
P5Q3CI$2	2.450	0.072	33.867	0.000
P5Q3CN$1	0.960	0.026	36.729	0.000
P5Q3CN$2	2.201	0.056	39.192	0.000
P5Q3C0$1	0.558	0.023	24.627	0.000
P5Q3C0$2	1.699	0.038	44.848	0.000

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
P5Q3CQ$1	1.671	0.040	42.240	0.000
P5Q3CQ$2	2.482	0.078	31.761	0.000
P5Q3CW$1	0.802	0.025	32.556	0.000
P5Q3CW$2	1.885	0.044	42.506	0.000

Variances

	Estimate	S.E.	Est./S.E.	P-Value
SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000

Residual Variances

	Estimate	S.E.	Est./S.E.	P-Value
INTERNALIZ	0.817	0.018	46.558	0.000
EXTERN	0.801	0.022	35.730	0.000
PAF	0.682	0.020	33.801	0.000
INCBCL	0.155	0.088	1.775	0.076
EXCBCL	0.318	0.066	4.839	0.000

STDY Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.651	0.018	36.307	0.000
K6B1B_R	0.772	0.017	44.603	0.000
K6B1C_R	0.764	0.017	45.785	0.000
K6B1D_R	0.631	0.022	29.331	0.000
SC9 BY				
K5E1A	0.158	0.025	6.303	0.000
K5E1B	0.123	0.024	5.114	0.000
K5E1C	0.192	0.025	7.794	0.000
K5E1D	0.210	0.027	7.690	0.000
INTERNAL BY				
K6D2AG_R	0.764	0.011	71.123	0.000
K6D2AI_R	0.575	0.016	36.074	0.000
K6D2D_R	0.643	0.015	44.076	0.000
K6D2J_R	0.582	0.015	39.820	0.000
K6D2T_R	0.679	0.014	48.101	0.000
K6D2AC_R	0.869	0.010	89.083	0.000
K6D2AK_R	0.556	0.016	33.852	0.000
K6D2C_R	0.598	0.015	39.010	0.000
K6D2N_R	0.835	0.009	88.063	0.000
K6D2X_R	0.758	0.016	46.673	0.000
EXTERN BY				
K6D2A_R	0.504	0.017	29.841	0.000
K6D2P_R	0.710	0.013	55.827	0.000
K6D2R_R	0.550	0.016	34.097	0.000

K6D2Z_R	0.583	0.016	36.922	0.000
K6D2AB_R	0.589	0.015	40.091	0.000
K6D2AJ_R	0.744	0.012	59.669	0.000
K6D61C	0.866	0.013	68.292	0.000
K6D61D	0.642	0.016	39.765	0.000
K6D61E	0.637	0.023	28.049	0.000
K6D61K	0.854	0.012	69.453	0.000
K6D61L	0.561	0.022	25.678	0.000
K6D61M	0.469	0.021	22.245	0.000
K6D40_R	0.640	0.027	23.566	0.000
K6D48_R	0.563	0.022	25.457	0.000
K6F63_R	0.594	0.020	29.564	0.000
K6F68_R	0.657	0.041	16.159	0.000
K6F74_R	0.636	0.036	17.840	0.000
PAF BY				
K6D2B_R	0.762	0.014	54.560	0.000
K6D2F_R	0.669	0.014	48.671	0.000
K6D2G_R	0.435	0.024	18.437	0.000
K6D2I_R	0.506	0.017	30.624	0.000
K6D2K_R	0.578	0.015	38.028	0.000
K6D2L_R	0.714	0.020	36.444	0.000
K6D2M_R	0.594	0.015	39.548	0.000
K6D2O_R	0.575	0.015	37.786	0.000
K6D2S_R	0.874	0.010	91.512	0.000
K6D2V_R	0.598	0.016	37.160	0.000
K6D2W_R	0.659	0.014	47.715	0.000
K6D2Y_R	0.647	0.017	38.204	0.000
K6D2AA_R	0.712	0.013	53.566	0.000
K6D2AE_R	0.477	0.016	29.368	0.000
K6D2AF_R	0.617	0.019	32.663	0.000
K6D2AH_R	0.485	0.018	26.590	0.000
INCBCL BY				
P5Q3M	0.647	0.021	30.811	0.000
P5Q3AB	0.453	0.022	20.959	0.000
P5Q3AD	0.620	0.023	26.948	0.000
P5Q3AF	0.731	0.020	36.766	0.000
P5Q3AH	0.827	0.022	37.073	0.000
P5Q3AR	0.639	0.024	26.213	0.000
P5Q3AV	0.721	0.020	35.744	0.000
P5Q3AX	0.760	0.026	28.748	0.000
P5Q3BQ	0.579	0.019	30.650	0.000
P5Q3CK	0.857	0.034	25.090	0.000
P5Q3DB	0.559	0.020	27.966	0.000
P5Q3E	0.470	0.028	16.761	0.000
P5Q3A0	0.585	0.023	25.095	0.000
P5Q3BK	0.650	0.024	26.940	0.000
P5Q3B0	0.620	0.020	30.542	0.000
P5Q3CU	0.637	0.028	23.165	0.000

P5Q3DA	0.709	0.024	29.765	0.000
P5Q3AS	0.562	0.020	28.241	0.000
P5Q3AU	0.529	0.033	16.061	0.000
P5Q3AZ	0.740	0.025	29.885	0.000
P5Q3BB1	0.637	0.026	24.212	0.000
P5Q3BB2	0.508	0.024	21.011	0.000
P5Q3BB5	0.416	0.029	14.407	0.000
P5Q3BB6	0.632	0.022	28.227	0.000
P5Q3BB7	0.605	0.035	17.460	0.000
EXCBCL BY				
P5Q3X	0.601	0.019	31.446	0.000
P5Q3AA	0.751	0.011	66.007	0.000
P5Q3AL	0.628	0.023	27.604	0.000
P5Q3AP	0.708	0.015	48.637	0.000
P5Q3BI	0.416	0.021	19.721	0.000
P5Q3BZ	0.741	0.029	25.536	0.000
P5Q3CJ	0.749	0.021	35.146	0.000
P5Q3C	0.618	0.016	38.290	0.000
P5Q3O	0.773	0.016	49.671	0.000
P5Q3R	0.647	0.015	42.406	0.000
P5Q3S	0.787	0.013	58.412	0.000
P5Q3T	0.798	0.013	62.594	0.000
P5Q3U	0.743	0.011	66.753	0.000
P5Q3V	0.725	0.013	54.787	0.000
P5Q3AJ	0.752	0.019	40.318	0.000
P5Q3BC	0.834	0.019	44.966	0.000
P5Q3BN	0.727	0.016	45.583	0.000
P5Q3CF	0.744	0.013	57.888	0.000
P5Q3CG	0.755	0.013	57.819	0.000
P5Q3CH	0.714	0.018	39.287	0.000
P5Q3CI	0.667	0.025	26.569	0.000
P5Q3CN	0.674	0.019	36.103	0.000
P5Q3CO	0.774	0.012	64.398	0.000
P5Q3CQ	0.865	0.019	45.706	0.000
P5Q3CW	0.657	0.018	37.533	0.000
INCBCL ON				
SC9	−0.874	0.051	−17.304	0.000
EXCBCL ON				
SC9	−0.747	0.045	−16.756	0.000
EXTERN ON				
SC9	0.299	0.096	3.112	0.002
SC15	−0.292	0.021	−14.258	0.000
EXCBCL	0.451	0.097	4.639	0.000
INTERNAL ON				
SC9	0.106	0.149	0.707	0.480

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            SC15           −0.384      0.020     −18.749      0.000
            INCBCL          0.218      0.152       1.432      0.152

 PAF        ON
            SC9             0.034      0.024       1.443      0.149
            SC15            0.547      0.019      29.516      0.000

 INCBCL     ON
            DEPCOMP         0.398      0.043       9.320      0.000
            THREATCOMP      0.220      0.044       5.037      0.000

 EXCBCL     ON
            DEPCOMP         0.225      0.038       5.911      0.000
            THREATCOMP      0.523      0.037      14.177      0.000

 EXTERN     ON
            THREATCOMP      0.111      0.063       1.748      0.080
            DEPCOMP        −0.016      0.045      −0.365      0.715

 INTERNAL ON
            THREATCOMP      0.063      0.051       1.230      0.219
            DEPCOMP         0.067      0.071       0.944      0.345

 PAF        ON
            THREATCOMP     −0.006      0.037      −0.149      0.882
            DEPCOMP        −0.218      0.038      −5.768      0.000

 SC9        WITH
            SC15            0.104      0.027       3.808      0.000

 EXTERN     WITH
            INTERNALIZ      0.420      0.019      21.957      0.000

 PAF        WITH
            INTERNALIZ     −0.505      0.018     −28.091      0.000
            EXTERN         −0.121      0.023      −5.261      0.000

 Thresholds
            K6B1A_R$1      −1.702      0.038     −45.166      0.000
            K6B1A_R$2      −1.162      0.028     −41.544      0.000
            K6B1A_R$3       0.062      0.022       2.835      0.005
            K6B1B_R$1      −1.799      0.040     −44.694      0.000
            K6B1B_R$2      −1.251      0.029     −43.150      0.000
            K6B1B_R$3      −0.163      0.022      −7.474      0.000
            K6B1C_R$1      −1.607      0.035     −45.321      0.000
            K6B1C_R$2      −1.212      0.029     −42.329      0.000
            K6B1C_R$3      −0.188      0.022      −8.622      0.000
            K6B1D_R$1      −1.990      0.047     −42.647      0.000
            K6B1D_R$2      −1.542      0.034     −45.231      0.000
            K6B1D_R$3      −0.538      0.023     −23.532      0.000
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K5E1A$1	−1.309	0.030	−43.174	0.000
K5E1A$2	−0.905	0.026	−35.484	0.000
K5E1A$3	−0.634	0.024	−26.888	0.000
K5E1A$4	−0.227	0.022	−10.255	0.000
K5E1B$1	−1.132	0.028	−40.778	0.000
K5E1B$2	−0.730	0.024	−30.343	0.000
K5E1B$3	−0.431	0.023	−19.112	0.000
K5E1B$4	0.029	0.022	1.325	0.185
K5E1C$1	−1.329	0.030	−43.692	0.000
K5E1C$2	−0.979	0.026	−37.679	0.000
K5E1C$3	−0.679	0.024	−28.643	0.000
K5E1C$4	−0.241	0.022	−10.974	0.000
K5E1D$1	−1.543	0.034	−44.984	0.000
K5E1D$2	−1.254	0.029	−42.759	0.000
K5E1D$3	−1.021	0.027	−38.310	0.000
K5E1D$4	−0.642	0.024	−27.248	0.000
K6D2AG_R$1	0.140	0.021	6.510	0.000
K6D2AG_R$2	0.667	0.023	28.720	0.000
K6D2AG_R$3	1.640	0.036	45.449	0.000
K6D2AI_R$1	0.189	0.022	8.776	0.000
K6D2AI_R$2	0.726	0.024	30.767	0.000
K6D2AI_R$3	1.454	0.032	45.421	0.000
K6D2D_R$1	0.238	0.022	10.982	0.000
K6D2D_R$2	0.771	0.024	32.183	0.000
K6D2D_R$3	1.591	0.035	45.378	0.000
K6D2J_R$1	−0.483	0.023	−21.439	0.000
K6D2J_R$2	0.214	0.022	9.819	0.000
K6D2J_R$3	1.380	0.031	44.398	0.000
K6D2T_R$1	0.373	0.022	17.016	0.000
K6D2T_R$2	0.804	0.024	33.409	0.000
K6D2T_R$3	1.579	0.035	45.543	0.000
K6D2AC_R$1	0.500	0.022	22.324	0.000
K6D2AC_R$2	0.934	0.025	37.158	0.000
K6D2AC_R$3	1.783	0.040	44.532	0.000
K6D2AK_R$1	−0.011	0.021	−0.529	0.597
K6D2AK_R$2	0.519	0.023	23.043	0.000
K6D2AK_R$3	1.382	0.031	44.708	0.000
K6D2C_R$1	−0.269	0.022	−12.318	0.000
K6D2C_R$2	0.207	0.022	9.514	0.000
K6D2C_R$3	1.207	0.028	42.546	0.000
K6D2N_R$1	0.218	0.022	10.125	0.000
K6D2N_R$2	0.790	0.024	32.910	0.000
K6D2N_R$3	1.732	0.039	44.946	0.000
K6D2X_R$1	1.011	0.026	39.019	0.000
K6D2X_R$2	1.420	0.032	44.949	0.000
K6D2X_R$3	2.142	0.054	39.820	0.000
K6D2A_R$1	−0.923	0.025	−36.798	0.000
K6D2A_R$2	−0.341	0.022	−15.638	0.000
K6D2A_R$3	0.924	0.025	36.762	0.000
K6D2P_R$1	−0.641	0.023	−27.906	0.000

K6D2P_R$2	−0.049	0.021	−2.275	0.023
K6D2P_R$3	1.043	0.026	39.758	0.000
K6D2R_R$1	−0.923	0.025	−36.845	0.000
K6D2R_R$2	−0.204	0.022	−9.473	0.000
K6D2R_R$3	1.063	0.027	40.002	0.000
K6D2Z_R$1	−0.867	0.025	−35.243	0.000
K6D2Z_R$2	−0.256	0.022	−11.803	0.000
K6D2Z_R$3	1.013	0.026	39.181	0.000
K6D2AB_R$1	−0.807	0.024	−33.496	0.000
K6D2AB_R$2	−0.173	0.021	−8.040	0.000
K6D2AB_R$3	0.841	0.024	34.424	0.000
K6D2AJ_R$1	−0.229	0.021	−10.668	0.000
K6D2AJ_R$2	0.278	0.022	12.837	0.000
K6D2AJ_R$3	1.167	0.028	42.222	0.000
K6D61C$1	1.400	0.032	44.340	0.000
K6D61C$2	2.162	0.055	39.547	0.000
K6D61C$3	2.461	0.072	34.212	0.000
K6D61D$1	0.688	0.024	29.211	0.000
K6D61D$2	1.568	0.034	45.804	0.000
K6D61D$3	1.986	0.046	43.182	0.000
K6D61E$1	1.311	0.030	43.425	0.000
K6D61E$2	2.104	0.052	40.149	0.000
K6D61E$3	2.471	0.074	33.189	0.000
K6D61K$1	1.343	0.031	43.986	0.000
K6D61K$2	2.142	0.054	39.320	0.000
K6D61K$3	2.393	0.069	34.734	0.000
K6D61L$1	1.167	0.028	41.544	0.000
K6D61L$2	2.000	0.047	42.269	0.000
K6D61L$3	2.337	0.065	36.027	0.000
K6D61M$1	0.623	0.023	27.012	0.000
K6D61M$2	1.513	0.033	45.501	0.000
K6D61M$3	1.889	0.043	43.828	0.000
K6D40_R$1	1.607	0.036	44.750	0.000
K6D48_R$1	0.957	0.025	37.631	0.000
K6F63_R$1	0.795	0.024	32.745	0.000
K6F68_R$1	2.172	0.057	38.343	0.000
K6F74_R$1	2.079	0.053	39.347	0.000
K6D2B_R$1	−2.060	0.050	−41.283	0.000
K6D2B_R$2	−1.656	0.036	−45.516	0.000
K6D2B_R$3	−0.673	0.023	−28.888	0.000
K6D2F_R$1	−1.879	0.043	−43.810	0.000
K6D2F_R$2	−1.392	0.031	−44.858	0.000
K6D2F_R$3	−0.144	0.021	−6.682	0.000
K6D2G_R$1	−2.191	0.055	−39.674	0.000
K6D2G_R$2	−1.935	0.044	−43.619	0.000
K6D2G_R$3	−0.931	0.025	−36.772	0.000
K6D2I_R$1	−1.905	0.044	−43.465	0.000
K6D2I_R$2	−1.231	0.029	−43.041	0.000
K6D2I_R$3	0.133	0.021	6.180	0.000
K6D2K_R$1	−2.035	0.049	−41.784	0.000

K6D2K_R$2	−1.351	0.030	−44.523	0.000
K6D2K_R$3	0.045	0.021	2.079	0.038
K6D2L_R$1	−2.527	0.078	−32.244	0.000
K6D2L_R$2	−2.158	0.054	−39.891	0.000
K6D2L_R$3	−1.223	0.029	−42.817	0.000
K6D2M_R$1	−2.266	0.061	−37.358	0.000
K6D2M_R$2	−1.589	0.035	−45.482	0.000
K6D2M_R$3	−0.003	0.021	−0.122	0.903
K6D2O_R$1	−1.501	0.033	−45.409	0.000
K6D2O_R$2	−1.185	0.028	−42.590	0.000
K6D2O_R$3	−0.268	0.022	−12.322	0.000
K6D2S_R$1	−2.170	0.056	−38.970	0.000
K6D2S_R$2	−1.614	0.035	−45.566	0.000
K6D2S_R$3	−0.409	0.022	−18.519	0.000
K6D2V_R$1	−2.374	0.067	−35.379	0.000
K6D2V_R$2	−1.888	0.043	−43.828	0.000
K6D2V_R$3	−0.302	0.022	−13.857	0.000
K6D2W_R$1	−2.126	0.053	−40.044	0.000
K6D2W_R$2	−1.437	0.032	−45.285	0.000
K6D2W_R$3	−0.173	0.022	−8.058	0.000
K6D2Y_R$1	−2.138	0.053	−40.364	0.000
K6D2Y_R$2	−1.653	0.036	−45.532	0.000
K6D2Y_R$3	−0.676	0.023	−28.944	0.000
K6D2AA_R$1	−2.170	0.055	−39.739	0.000
K6D2AA_R$2	−1.640	0.036	−45.844	0.000
K6D2AA_R$3	−0.431	0.022	−19.412	0.000
K6D2AE_R$1	−1.873	0.043	−43.824	0.000
K6D2AE_R$2	−1.165	0.028	−42.051	0.000
K6D2AE_R$3	0.309	0.022	14.139	0.000
K6D2AF_R$1	−2.255	0.060	−37.771	0.000
K6D2AF_R$2	−1.922	0.044	−43.292	0.000
K6D2AF_R$3	−0.816	0.024	−33.667	0.000
K6D2AH_R$1	−1.872	0.043	−43.458	0.000
K6D2AH_R$2	−1.481	0.033	−45.025	0.000
K6D2AH_R$3	−0.266	0.022	−12.184	0.000
P5Q3M$1	0.961	0.026	36.935	0.000
P5Q3M$2	2.005	0.048	41.408	0.000
P5Q3AB$1	0.491	0.023	21.598	0.000
P5Q3AB$2	1.903	0.044	42.975	0.000
P5Q3AD$1	1.075	0.027	39.512	0.000
P5Q3AD$2	2.147	0.054	39.777	0.000
P5Q3AF$1	1.212	0.029	41.362	0.000
P5Q3AF$2	2.333	0.062	37.593	0.000
P5Q3AH$1	1.588	0.036	44.160	0.000
P5Q3AH$2	2.470	0.075	32.723	0.000
P5Q3AR$1	1.296	0.030	42.924	0.000
P5Q3AR$2	2.303	0.063	36.415	0.000
P5Q3AV$1	1.170	0.028	41.628	0.000
P5Q3AV$2	2.235	0.060	37.397	0.000
P5Q3AX$1	1.593	0.037	43.607	0.000

P5Q3AX$2	2.638	0.089	29.564	0.000
P5Q3BQ$1	0.275	0.022	12.549	0.000
P5Q3BQ$2	1.872	0.043	43.471	0.000
P5Q3CK$1	2.020	0.053	37.994	0.000
P5Q3CK$2	2.587	0.091	28.564	0.000
P5Q3DB$1	0.458	0.023	20.342	0.000
P5Q3DB$2	1.847	0.043	42.922	0.000
P5Q3E$1	1.050	0.027	38.353	0.000
P5Q3E$2	1.975	0.046	43.141	0.000
P5Q3A0$1	1.019	0.027	38.277	0.000
P5Q3A0$2	2.116	0.052	40.342	0.000
P5Q3BK$1	1.213	0.029	41.498	0.000
P5Q3BK$2	2.374	0.069	34.649	0.000
P5Q3B0$1	0.880	0.025	34.614	0.000
P5Q3B0$2	2.215	0.055	40.064	0.000
P5Q3CU$1	1.390	0.032	43.426	0.000
P5Q3CU$2	2.295	0.063	36.569	0.000
P5Q3DA$1	1.343	0.031	42.863	0.000
P5Q3DA$2	2.502	0.077	32.435	0.000
P5Q3AS$1	0.761	0.024	31.511	0.000
P5Q3AS$2	2.416	0.071	33.884	0.000
P5Q3AU$1	1.425	0.033	43.581	0.000
P5Q3AU$2	2.344	0.066	35.410	0.000
P5Q3AZ$1	1.501	0.035	43.461	0.000
P5Q3AZ$2	2.395	0.067	35.497	0.000
P5Q3BB1$1	1.318	0.030	43.311	0.000
P5Q3BB1$2	2.377	0.071	33.659	0.000
P5Q3BB2$1	0.899	0.025	35.365	0.000
P5Q3BB2$2	2.163	0.056	38.731	0.000
P5Q3BB5$1	1.098	0.028	39.774	0.000
P5Q3BB5$2	1.990	0.048	41.624	0.000
P5Q3BB6$1	1.144	0.028	40.847	0.000
P5Q3BB6$2	2.409	0.071	33.965	0.000
P5Q3BB7$1	1.617	0.037	43.609	0.000
P5Q3BB7$2	2.489	0.079	31.488	0.000
P5Q3X$1	0.778	0.025	31.676	0.000
P5Q3X$2	1.926	0.044	43.607	0.000
P5Q3AA$1	0.157	0.021	7.303	0.000
P5Q3AA$2	1.927	0.045	43.248	0.000
P5Q3AL$1	1.234	0.030	40.864	0.000
P5Q3AL$2	2.433	0.069	35.273	0.000
P5Q3AP$1	0.545	0.023	23.653	0.000
P5Q3AP$2	2.149	0.052	41.575	0.000
P5Q3BI$1	0.255	0.022	11.611	0.000
P5Q3BI$2	1.596	0.035	45.254	0.000
P5Q3BZ$1	1.721	0.042	41.014	0.000
P5Q3BZ$2	2.394	0.070	34.058	0.000
P5Q3CJ$1	1.526	0.036	42.250	0.000
P5Q3CJ$2	2.536	0.080	31.635	0.000
P5Q3C$1	0.021	0.022	0.983	0.326

P5Q3C$2	1.324	0.031	43.379	0.000
P5Q3O$1	1.110	0.028	39.974	0.000
P5Q3O$2	2.117	0.054	39.495	0.000
P5Q3R$1	0.260	0.022	11.996	0.000
P5Q3R$2	1.386	0.031	44.431	0.000
P5Q3S$1	1.027	0.027	38.418	0.000
P5Q3S$2	1.942	0.046	42.573	0.000
P5Q3T$1	1.014	0.027	38.216	0.000
P5Q3T$2	2.145	0.053	40.289	0.000
P5Q3U$1	0.081	0.021	3.807	0.000
P5Q3U$2	1.882	0.043	44.123	0.000
P5Q3V$1	0.570	0.023	24.834	0.000
P5Q3V$2	1.997	0.047	42.193	0.000
P5Q3AJ$1	1.394	0.033	42.065	0.000
P5Q3AJ$2	2.298	0.063	36.414	0.000
P5Q3BC$1	1.599	0.038	42.497	0.000
P5Q3BC$2	2.407	0.072	33.528	0.000
P5Q3BN$1	0.922	0.025	36.154	0.000
P5Q3BN$2	1.989	0.047	42.269	0.000
P5Q3CF$1	0.477	0.022	21.435	0.000
P5Q3CF$2	1.887	0.043	43.628	0.000
P5Q3CG$1	0.615	0.023	26.537	0.000
P5Q3CG$2	2.034	0.048	42.139	0.000
P5Q3CH$1	1.091	0.027	39.757	0.000
P5Q3CH$2	2.270	0.064	35.615	0.000
P5Q3CI$1	1.296	0.031	42.033	0.000
P5Q3CI$2	2.450	0.072	33.867	0.000
P5Q3CN$1	0.960	0.026	36.729	0.000
P5Q3CN$2	2.201	0.056	39.192	0.000
P5Q3CO$1	0.558	0.023	24.627	0.000
P5Q3CO$2	1.699	0.038	44.848	0.000
P5Q3CQ$1	1.671	0.040	42.240	0.000
P5Q3CQ$2	2.482	0.078	31.761	0.000
P5Q3CW$1	0.802	0.025	32.556	0.000
P5Q3CW$2	1.885	0.044	42.506	0.000

Variances
SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000

Residual Variances
INTERNALIZ	0.817	0.018	46.558	0.000
EXTERN	0.801	0.022	35.730	0.000
PAF	0.682	0.020	33.801	0.000
INCBCL	0.155	0.088	1.775	0.076
EXCBCL	0.318	0.066	4.839	0.000

STD Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.651	0.018	36.307	0.000
K6B1B_R	0.772	0.017	44.603	0.000
K6B1C_R	0.764	0.017	45.785	0.000
K6B1D_R	0.631	0.022	29.331	0.000
SC9 BY				
K5E1A	0.158	0.025	6.303	0.000
K5E1B	0.123	0.024	5.114	0.000
K5E1C	0.192	0.025	7.794	0.000
K5E1D	0.210	0.027	7.690	0.000
INTERNAL BY				
K6D2AG_R	0.767	0.011	70.194	0.000
K6D2AI_R	0.577	0.016	35.881	0.000
K6D2D_R	0.645	0.015	43.759	0.000
K6D2J_R	0.584	0.015	39.575	0.000
K6D2T_R	0.681	0.014	47.667	0.000
K6D2AC_R	0.873	0.010	86.636	0.000
K6D2AK_R	0.557	0.017	33.677	0.000
K6D2C_R	0.599	0.015	38.780	0.000
K6D2N_R	0.839	0.010	86.354	0.000
K6D2X_R	0.761	0.016	46.143	0.000
EXTERN BY				
K6D2A_R	0.507	0.017	29.439	0.000
K6D2P_R	0.719	0.013	54.016	0.000
K6D2R_R	0.554	0.017	33.507	0.000
K6D2Z_R	0.587	0.016	36.176	0.000
K6D2AB_R	0.594	0.015	39.299	0.000
K6D2AJ_R	0.753	0.013	57.528	0.000
K6D61C	0.881	0.014	64.320	0.000
K6D61D	0.648	0.017	38.890	0.000
K6D61E	0.643	0.023	27.469	0.000
K6D61K	0.868	0.013	65.240	0.000
K6D61L	0.565	0.022	25.280	0.000
K6D61M	0.471	0.021	22.010	0.000
K6D40_R	0.646	0.028	23.070	0.000
K6D48_R	0.567	0.023	25.068	0.000
K6F63_R	0.599	0.021	29.012	0.000
K6F68_R	0.664	0.042	15.838	0.000
K6F74_R	0.642	0.037	17.501	0.000
PAF BY				
K6D2B_R	0.766	0.014	53.849	0.000
K6D2F_R	0.671	0.014	48.249	0.000
K6D2G_R	0.436	0.024	18.386	0.000

K6D2I_R	0.507	0.017	30.495	0.000
K6D2K_R	0.580	0.015	37.804	0.000
K6D2L_R	0.717	0.020	36.147	0.000
K6D2M_R	0.596	0.015	39.314	0.000
K6D2O_R	0.576	0.015	37.598	0.000
K6D2S_R	0.879	0.010	89.305	0.000
K6D2V_R	0.599	0.016	36.920	0.000
K6D2W_R	0.661	0.014	47.314	0.000
K6D2Y_R	0.649	0.017	37.937	0.000
K6D2AA_R	0.715	0.013	53.023	0.000
K6D2AE_R	0.477	0.016	29.284	0.000
K6D2AF_R	0.618	0.019	32.447	0.000
K6D2AH_R	0.486	0.018	26.487	0.000
INCBCL BY				
P5Q3M	0.659	0.022	29.657	0.000
P5Q3AB	0.456	0.022	20.613	0.000
P5Q3AD	0.630	0.024	26.114	0.000
P5Q3AF	0.748	0.021	34.801	0.000
P5Q3AH	0.851	0.024	34.784	0.000
P5Q3AR	0.650	0.026	25.333	0.000
P5Q3AV	0.736	0.022	34.029	0.000
P5Q3AX	0.779	0.028	27.345	0.000
P5Q3BQ	0.587	0.020	29.699	0.000
P5Q3CK	0.884	0.037	23.591	0.000
P5Q3DB	0.566	0.021	27.197	0.000
P5Q3E	0.474	0.029	16.463	0.000
P5Q3A0	0.593	0.024	24.375	0.000
P5Q3BK	0.662	0.025	25.978	0.000
P5Q3B0	0.630	0.021	29.452	0.000
P5Q3CU	0.648	0.029	22.378	0.000
P5Q3DA	0.724	0.026	28.386	0.000
P5Q3AS	0.570	0.021	27.463	0.000
P5Q3AU	0.535	0.034	15.707	0.000
P5Q3AZ	0.757	0.027	28.555	0.000
P5Q3BB1	0.648	0.028	23.405	0.000
P5Q3BB2	0.513	0.025	20.563	0.000
P5Q3BB5	0.419	0.029	14.212	0.000
P5Q3BB6	0.642	0.024	27.273	0.000
P5Q3BB7	0.614	0.036	16.979	0.000
EXCBCL BY				
P5Q3X	0.615	0.021	29.909	0.000
P5Q3AA	0.779	0.013	58.414	0.000
P5Q3AL	0.644	0.025	26.162	0.000
P5Q3AP	0.731	0.016	44.732	0.000
P5Q3BI	0.421	0.022	19.298	0.000
P5Q3BZ	0.768	0.032	23.782	0.000
P5Q3CJ	0.777	0.024	32.303	0.000
P5Q3C	0.633	0.018	36.136	0.000

P5Q3O	0.804	0.018	45.081	0.000
P5Q3R	0.665	0.017	39.718	0.000
P5Q3S	0.819	0.016	51.907	0.000
P5Q3T	0.831	0.015	55.310	0.000
P5Q3U	0.770	0.013	59.648	0.000
P5Q3V	0.750	0.015	50.088	0.000
P5Q3AJ	0.780	0.021	37.033	0.000
P5Q3BC	0.872	0.022	40.223	0.000
P5Q3BN	0.752	0.018	41.741	0.000
P5Q3CF	0.770	0.015	51.963	0.000
P5Q3CG	0.784	0.015	51.567	0.000
P5Q3CH	0.738	0.020	36.375	0.000
P5Q3CI	0.686	0.027	25.008	0.000
P5Q3CN	0.694	0.021	33.762	0.000
P5Q3CO	0.804	0.014	56.753	0.000
P5Q3CQ	0.908	0.023	40.319	0.000
P5Q3CW	0.675	0.019	35.305	0.000

INCBCL   ON
SC9	−0.874	0.051	−17.304	0.000

EXCBCL   ON
SC9	−0.747	0.045	−16.756	0.000

EXTERN   ON
SC9	0.299	0.096	3.112	0.002
SC15	−0.292	0.021	−14.258	0.000
EXCBCL	0.451	0.097	4.639	0.000

INTERNAL ON
SC9	0.106	0.149	0.707	0.480
SC15	−0.384	0.020	−18.749	0.000
INCBCL	0.218	0.152	1.432	0.152

PAF   ON
SC9	0.034	0.024	1.443	0.149
SC15	0.547	0.019	29.516	0.000

INCBCL   ON
DEPCOMP	0.398	0.043	9.320	0.000
THREATCOMP	0.220	0.044	5.037	0.000

EXCBCL   ON
DEPCOMP	0.225	0.038	5.911	0.000
THREATCOMP	0.523	0.037	14.177	0.000

EXTERN   ON
THREATCOMP	0.111	0.063	1.748	0.080
DEPCOMP	−0.016	0.045	−0.365	0.715

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INTERNAL ON
    THREATCOMP         0.063      0.051      1.230      0.219
    DEPCOMP            0.067      0.071      0.944      0.345

PAF      ON
    THREATCOMP        -0.006      0.037     -0.149      0.882
    DEPCOMP           -0.218      0.038     -5.768      0.000

SC9      WITH
    SC15               0.104      0.027      3.808      0.000

EXTERN   WITH
    INTERNALIZ         0.420      0.019     21.957      0.000

PAF      WITH
    INTERNALIZ        -0.505      0.018    -28.091      0.000
    EXTERN            -0.121      0.023     -5.261      0.000

Thresholds
    K6B1A_R$1         -1.702      0.038    -45.166      0.000
    K6B1A_R$2         -1.162      0.028    -41.544      0.000
    K6B1A_R$3          0.062      0.022      2.835      0.005
    K6B1B_R$1         -1.799      0.040    -44.694      0.000
    K6B1B_R$2         -1.251      0.029    -43.150      0.000
    K6B1B_R$3         -0.163      0.022     -7.474      0.000
    K6B1C_R$1         -1.607      0.035    -45.321      0.000
    K6B1C_R$2         -1.212      0.029    -42.329      0.000
    K6B1C_R$3         -0.188      0.022     -8.622      0.000
    K6B1D_R$1         -1.990      0.047    -42.647      0.000
    K6B1D_R$2         -1.542      0.034    -45.231      0.000
    K6B1D_R$3         -0.538      0.023    -23.532      0.000
    K5E1A$1           -1.309      0.030    -43.174      0.000
    K5E1A$2           -0.905      0.026    -35.484      0.000
    K5E1A$3           -0.634      0.024    -26.888      0.000
    K5E1A$4           -0.227      0.022    -10.255      0.000
    K5E1B$1           -1.132      0.028    -40.778      0.000
    K5E1B$2           -0.730      0.024    -30.343      0.000
    K5E1B$3           -0.431      0.023    -19.112      0.000
    K5E1B$4            0.029      0.022      1.325      0.185
    K5E1C$1           -1.329      0.030    -43.692      0.000
    K5E1C$2           -0.979      0.026    -37.679      0.000
    K5E1C$3           -0.679      0.024    -28.643      0.000
    K5E1C$4           -0.241      0.022    -10.974      0.000
    K5E1D$1           -1.543      0.034    -44.984      0.000
    K5E1D$2           -1.254      0.029    -42.759      0.000
    K5E1D$3           -1.021      0.027    -38.310      0.000
    K5E1D$4           -0.642      0.024    -27.248      0.000
    K6D2AG_R$1         0.140      0.022      6.508      0.000
    K6D2AG_R$2         0.670      0.023     28.697      0.000
    K6D2AG_R$3         1.647      0.036     45.374      0.000
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K6D2AI_R$1	0.190	0.022	8.773	0.000
K6D2AI_R$2	0.727	0.024	30.751	0.000
K6D2AI_R$3	1.458	0.032	45.480	0.000
K6D2D_R$1	0.239	0.022	10.978	0.000
K6D2D_R$2	0.774	0.024	32.178	0.000
K6D2D_R$3	1.596	0.035	45.424	0.000
K6D2J_R$1	−0.484	0.023	−21.455	0.000
K6D2J_R$2	0.214	0.022	9.815	0.000
K6D2J_R$3	1.384	0.031	44.413	0.000
K6D2T_R$1	0.374	0.022	16.996	0.000
K6D2T_R$2	0.807	0.024	33.372	0.000
K6D2T_R$3	1.585	0.035	45.541	0.000
K6D2AC_R$1	0.502	0.023	22.257	0.000
K6D2AC_R$2	0.939	0.025	37.039	0.000
K6D2AC_R$3	1.793	0.040	44.412	0.000
K6D2AK_R$1	−0.011	0.021	−0.529	0.597
K6D2AK_R$2	0.520	0.023	23.039	0.000
K6D2AK_R$3	1.385	0.031	44.750	0.000
K6D2C_R$1	−0.270	0.022	−12.326	0.000
K6D2C_R$2	0.208	0.022	9.511	0.000
K6D2C_R$3	1.210	0.028	42.543	0.000
K6D2N_R$1	0.220	0.022	10.119	0.000
K6D2N_R$2	0.794	0.024	32.833	0.000
K6D2N_R$3	1.741	0.039	44.885	0.000
K6D2X_R$1	1.015	0.026	38.898	0.000
K6D2X_R$2	1.426	0.032	44.895	0.000
K6D2X_R$3	2.151	0.054	39.897	0.000
K6D2A_R$1	−0.929	0.025	−36.887	0.000
K6D2A_R$2	−0.343	0.022	−15.648	0.000
K6D2A_R$3	0.929	0.025	36.829	0.000
K6D2P_R$1	−0.648	0.023	−28.004	0.000
K6D2P_R$2	−0.049	0.022	−2.276	0.023
K6D2P_R$3	1.055	0.026	39.860	0.000
K6D2R_R$1	−0.930	0.025	−36.972	0.000
K6D2R_R$2	−0.206	0.022	−9.476	0.000
K6D2R_R$3	1.070	0.027	40.096	0.000
K6D2Z_R$1	−0.874	0.025	−35.384	0.000
K6D2Z_R$2	−0.258	0.022	−11.810	0.000
K6D2Z_R$3	1.021	0.026	39.281	0.000
K6D2AB_R$1	−0.814	0.024	−33.581	0.000
K6D2AB_R$2	−0.174	0.022	−8.043	0.000
K6D2AB_R$3	0.848	0.025	34.492	0.000
K6D2AJ_R$1	−0.232	0.022	−10.679	0.000
K6D2AJ_R$2	0.281	0.022	12.828	0.000
K6D2AJ_R$3	1.182	0.028	42.368	0.000
K6D61C$1	1.424	0.032	44.373	0.000
K6D61C$2	2.199	0.056	39.597	0.000
K6D61C$3	2.504	0.073	34.502	0.000
K6D61D$1	0.694	0.024	29.182	0.000
K6D61D$2	1.582	0.034	45.872	0.000

K6D61D$3	2.005	0.046	43.351	0.000
K6D61E$1	1.323	0.030	43.493	0.000
K6D61E$2	2.124	0.053	40.270	0.000
K6D61E$3	2.493	0.075	33.364	0.000
K6D61K$1	1.365	0.031	44.036	0.000
K6D61K$2	2.178	0.055	39.486	0.000
K6D61K$3	2.433	0.070	34.864	0.000
K6D61L$1	1.176	0.028	41.508	0.000
K6D61L$2	2.014	0.047	42.461	0.000
K6D61L$3	2.354	0.065	36.137	0.000
K6D61M$1	0.626	0.023	27.005	0.000
K6D61M$2	1.521	0.033	45.686	0.000
K6D61M$3	1.899	0.043	44.031	0.000
K6D40_R$1	1.622	0.036	44.924	0.000
K6D48_R$1	0.964	0.026	37.658	0.000
K6F63_R$1	0.801	0.024	32.743	0.000
K6F68_R$1	2.193	0.057	38.639	0.000
K6F74_R$1	2.098	0.053	39.626	0.000
K6D2B_R$1	−2.068	0.050	−41.417	0.000
K6D2B_R$2	−1.663	0.036	−45.628	0.000
K6D2B_R$3	−0.675	0.023	−28.876	0.000
K6D2F_R$1	−1.885	0.043	−43.880	0.000
K6D2F_R$2	−1.397	0.031	−44.871	0.000
K6D2F_R$3	−0.144	0.022	−6.681	0.000
K6D2G_R$1	−2.194	0.055	−39.701	0.000
K6D2G_R$2	−1.938	0.044	−43.620	0.000
K6D2G_R$3	−0.932	0.025	−36.764	0.000
K6D2I_R$1	−1.909	0.044	−43.512	0.000
K6D2I_R$2	−1.233	0.029	−43.070	0.000
K6D2I_R$3	0.133	0.022	6.180	0.000
K6D2K_R$1	−2.040	0.049	−41.799	0.000
K6D2K_R$2	−1.354	0.030	−44.550	0.000
K6D2K_R$3	0.045	0.021	2.080	0.038
K6D2L_R$1	−2.536	0.078	−32.368	0.000
K6D2L_R$2	−2.166	0.054	−40.003	0.000
K6D2L_R$3	−1.227	0.029	−42.779	0.000
K6D2M_R$1	−2.271	0.061	−37.395	0.000
K6D2M_R$2	−1.593	0.035	−45.539	0.000
K6D2M_R$3	−0.003	0.021	−0.122	0.903
K6D20_R$1	−1.504	0.033	−45.460	0.000
K6D20_R$2	−1.187	0.028	−42.594	0.000
K6D20_R$3	−0.269	0.022	−12.320	0.000
K6D2S_R$1	−2.181	0.056	−39.120	0.000
K6D2S_R$2	−1.623	0.036	−45.693	0.000
K6D2S_R$3	−0.411	0.022	−18.507	0.000
K6D2V_R$1	−2.380	0.067	−35.408	0.000
K6D2V_R$2	−1.893	0.043	−43.889	0.000
K6D2V_R$3	−0.303	0.022	−13.857	0.000
K6D2W_R$1	−2.132	0.053	−40.104	0.000
K6D2W_R$2	−1.441	0.032	−45.316	0.000

K6D2W_R$3	−0.174	0.022	−8.056	0.000
K6D2Y_R$1	−2.144	0.053	−40.393	0.000
K6D2Y_R$2	−1.658	0.036	−45.557	0.000
K6D2Y_R$3	−0.678	0.023	−28.920	0.000
K6D2AA_R$1	−2.178	0.055	−39.851	0.000
K6D2AA_R$2	−1.646	0.036	−45.880	0.000
K6D2AA_R$3	−0.432	0.022	−19.396	0.000
K6D2AE_R$1	−1.876	0.043	−43.858	0.000
K6D2AE_R$2	−1.166	0.028	−42.044	0.000
K6D2AE_R$3	0.309	0.022	14.142	0.000
K6D2AF_R$1	−2.261	0.060	−37.847	0.000
K6D2AF_R$2	−1.928	0.044	−43.355	0.000
K6D2AF_R$3	−0.818	0.024	−33.643	0.000
K6D2AH_R$1	−1.875	0.043	−43.548	0.000
K6D2AH_R$2	−1.483	0.033	−45.062	0.000
K6D2AH_R$3	−0.267	0.022	−12.182	0.000
P5Q3M$1	0.977	0.027	36.873	0.000
P5Q3M$2	2.039	0.049	41.522	0.000
P5Q3AB$1	0.495	0.023	21.584	0.000
P5Q3AB$2	1.919	0.045	43.063	0.000
P5Q3AD$1	1.092	0.028	39.494	0.000
P5Q3AD$2	2.181	0.055	39.955	0.000
P5Q3AF$1	1.239	0.030	41.267	0.000
P5Q3AF$2	2.385	0.064	37.455	0.000
P5Q3AH$1	1.634	0.037	44.097	0.000
P5Q3AH$2	2.542	0.078	32.603	0.000
P5Q3AR$1	1.318	0.031	42.955	0.000
P5Q3AR$2	2.342	0.064	36.414	0.000
P5Q3AV$1	1.195	0.029	41.620	0.000
P5Q3AV$2	2.284	0.061	37.398	0.000
P5Q3AX$1	1.631	0.038	43.434	0.000
P5Q3AX$2	2.702	0.092	29.302	0.000
P5Q3BQ$1	0.279	0.022	12.537	0.000
P5Q3BQ$2	1.898	0.044	43.582	0.000
P5Q3CK$1	2.083	0.055	37.993	0.000
P5Q3CK$2	2.668	0.093	28.783	0.000
P5Q3DB$1	0.464	0.023	20.340	0.000
P5Q3DB$2	1.870	0.043	43.172	0.000
P5Q3E$1	1.059	0.028	38.360	0.000
P5Q3E$2	1.993	0.046	43.407	0.000
P5Q3A0$1	1.033	0.027	38.229	0.000
P5Q3A0$2	2.146	0.053	40.411	0.000
P5Q3BK$1	1.234	0.030	41.551	0.000
P5Q3BK$2	2.416	0.069	34.833	0.000
P5Q3B0$1	0.894	0.026	34.625	0.000
P5Q3B0$2	2.251	0.056	40.292	0.000
P5Q3CU$1	1.414	0.033	43.455	0.000
P5Q3CU$2	2.334	0.064	36.685	0.000
P5Q3DA$1	1.371	0.032	42.816	0.000
P5Q3DA$2	2.555	0.079	32.371	0.000

P5Q3AS$1	0.771	0.024	31.477	0.000
P5Q3AS$2	2.447	0.072	33.862	0.000
P5Q3AU$1	1.441	0.033	43.643	0.000
P5Q3AU$2	2.371	0.067	35.399	0.000
P5Q3AZ$1	1.535	0.035	43.369	0.000
P5Q3AZ$2	2.450	0.069	35.749	0.000
P5Q3BB1$1	1.340	0.031	43.273	0.000
P5Q3BB1$2	2.417	0.071	33.830	0.000
P5Q3BB2$1	0.909	0.026	35.391	0.000
P5Q3BB2$2	2.186	0.056	38.890	0.000
P5Q3BB5$1	1.106	0.028	39.826	0.000
P5Q3BB5$2	2.004	0.048	41.826	0.000
P5Q3BB6$1	1.163	0.028	40.865	0.000
P5Q3BB6$2	2.449	0.072	34.083	0.000
P5Q3BB7$1	1.642	0.038	43.714	0.000
P5Q3BB7$2	2.527	0.080	31.512	0.000
P5Q3X$1	0.796	0.025	31.667	0.000
P5Q3X$2	1.971	0.045	44.096	0.000
P5Q3AA$1	0.163	0.022	7.294	0.000
P5Q3AA$2	1.998	0.046	43.355	0.000
P5Q3AL$1	1.266	0.031	40.877	0.000
P5Q3AL$2	2.495	0.070	35.551	0.000
P5Q3AP$1	0.563	0.024	23.588	0.000
P5Q3AP$2	2.219	0.053	41.750	0.000
P5Q3BI$1	0.257	0.022	11.608	0.000
P5Q3BI$2	1.613	0.035	45.590	0.000
P5Q3BZ$1	1.783	0.043	41.117	0.000
P5Q3BZ$2	2.480	0.072	34.626	0.000
P5Q3CJ$1	1.582	0.037	42.358	0.000
P5Q3CJ$2	2.629	0.083	31.758	0.000
P5Q3C$1	0.022	0.022	0.983	0.326
P5Q3C$2	1.356	0.031	43.796	0.000
P5Q3O$1	1.153	0.029	39.693	0.000
P5Q3O$2	2.200	0.055	39.908	0.000
P5Q3R$1	0.267	0.022	11.978	0.000
P5Q3R$2	1.423	0.032	44.803	0.000
P5Q3S$1	1.068	0.028	38.243	0.000
P5Q3S$2	2.021	0.047	42.980	0.000
P5Q3T$1	1.057	0.028	37.794	0.000
P5Q3T$2	2.235	0.055	40.508	0.000
P5Q3U$1	0.084	0.022	3.804	0.000
P5Q3U$2	1.950	0.044	44.232	0.000
P5Q3V$1	0.590	0.024	24.747	0.000
P5Q3V$2	2.065	0.049	42.447	0.000
P5Q3AJ$1	1.446	0.035	41.866	0.000
P5Q3AJ$2	2.383	0.065	36.883	0.000
P5Q3BC$1	1.673	0.040	42.339	0.000
P5Q3BC$2	2.518	0.074	33.882	0.000
P5Q3BN$1	0.954	0.027	35.978	0.000
P5Q3BN$2	2.057	0.048	42.659	0.000

P5Q3CF$1	0.494	0.023	21.345	0.000
P5Q3CF$2	1.955	0.044	43.952	0.000
P5Q3CG$1	0.638	0.024	26.498	0.000
P5Q3CG$2	2.110	0.049	42.636	0.000
P5Q3CH$1	1.127	0.028	39.908	0.000
P5Q3CH$2	2.345	0.065	35.912	0.000
P5Q3CI$1	1.334	0.031	42.354	0.000
P5Q3CI$2	2.520	0.074	34.277	0.000
P5Q3CN$1	0.988	0.027	36.668	0.000
P5Q3CN$2	2.266	0.057	39.593	0.000
P5Q3CO$1	0.580	0.024	24.496	0.000
P5Q3CO$2	1.765	0.039	45.038	0.000
P5Q3CQ$1	1.754	0.042	42.035	0.000
P5Q3CQ$2	2.605	0.081	32.087	0.000
P5Q3CW$1	0.825	0.025	32.487	0.000
P5Q3CW$2	1.937	0.045	42.775	0.000

Variances

SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000

Residual Variances

INTERNALIZ	0.817	0.018	46.558	0.000
EXTERN	0.801	0.022	35.730	0.000
PAF	0.682	0.020	33.801	0.000
INCBCL	0.155	0.088	1.775	0.076
EXCBCL	0.318	0.066	4.839	0.000

R-SQUARE

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value	Residual Variance
K6B1A_R	0.424	0.023	18.154	0.000	0.576
K6B1B_R	0.596	0.027	22.301	0.000	0.404
K6B1C_R	0.584	0.026	22.893	0.000	0.416
K6B1D_R	0.398	0.027	14.665	0.000	0.602
K5E1A	0.025	0.008	3.151	0.002	0.975
K5E1B	0.015	0.006	2.557	0.011	0.985
K5E1C	0.037	0.009	3.897	0.000	0.963

K5E1D	0.044	0.011	3.845	0.000
0.956				
K6D2AG_R	0.584	0.016	35.562	0.000
0.420				
K6D2AI_R	0.331	0.018	18.037	0.000
0.672				
K6D2D_R	0.414	0.019	22.038	0.000
0.590				
K6D2J_R	0.339	0.017	19.910	0.000
0.664				
K6D2T_R	0.461	0.019	24.050	0.000
0.542				
K6D2AC_R	0.754	0.017	44.542	0.000
0.248				
K6D2AK_R	0.309	0.018	16.926	0.000
0.694				
K6D2C_R	0.357	0.018	19.505	0.000
0.646				
K6D2N_R	0.696	0.016	44.032	0.000
0.307				
K6D2X_R	0.574	0.025	23.337	0.000
0.429				
K6D2A_R	0.254	0.017	14.920	0.000
0.755				
K6D2P_R	0.505	0.018	27.914	0.000
0.507				
K6D2R_R	0.303	0.018	17.049	0.000
0.707				
K6D2Z_R	0.339	0.018	18.461	0.000
0.671				
K6D2AB_R	0.347	0.017	20.046	0.000
0.663				
K6D2AJ_R	0.553	0.019	29.834	0.000
0.458				
K6D61C	0.749	0.022	34.146	0.000
0.259				
K6D61D	0.412	0.021	19.882	0.000
0.599				
K6D61E	0.406	0.029	14.024	0.000
0.605				
K6D61K	0.729	0.021	34.726	0.000
0.280				
K6D61L	0.314	0.024	12.839	0.000
0.695				
K6D61M	0.220	0.020	11.122	0.000
0.788				
K6D40_R	0.410	0.035	11.783	0.000
0.601				
K6D48_R	0.317	0.025	12.728	0.000
0.693				

K6F63_R	0.353	0.024	14.782	0.000	0.658
K6F68_R	0.432	0.053	8.080	0.000	0.579
K6F74_R	0.405	0.045	8.920	0.000	0.606
K6D2B_R	0.581	0.021	27.280	0.000	0.422
K6D2F_R	0.447	0.018	24.336	0.000	0.557
K6D2G_R	0.189	0.021	9.219	0.000	0.813
K6D2I_R	0.256	0.017	15.312	0.000	0.747
K6D2K_R	0.334	0.018	19.014	0.000	0.669
K6D2L_R	0.510	0.028	18.222	0.000	0.494
K6D2M_R	0.353	0.018	19.774	0.000	0.650
K6D2O_R	0.331	0.018	18.893	0.000	0.672
K6D2S_R	0.764	0.017	45.756	0.000	0.239
K6D2V_R	0.358	0.019	18.580	0.000	0.646
K6D2W_R	0.434	0.018	23.857	0.000	0.570
K6D2Y_R	0.418	0.022	19.102	0.000	0.585
K6D2AA_R	0.507	0.019	26.783	0.000	0.496
K6D2AE_R	0.227	0.015	14.684	0.000	0.775
K6D2AF_R	0.380	0.023	16.332	0.000	0.623
K6D2AH_R	0.235	0.018	13.295	0.000	0.767
P5Q3M	0.419	0.027	15.406	0.000	0.601
P5Q3AB	0.205	0.020	10.480	0.000	0.809
P5Q3AD	0.384	0.029	13.474	0.000	0.636
P5Q3AF	0.535	0.029	18.383	0.000	0.486
P5Q3AH	0.684	0.037	18.536	0.000	0.335
P5Q3AR	0.409	0.031	13.106	0.000	0.612

P5Q3AV	0.519	0.029	17.872	0.000
0.502				
P5Q3AX	0.578	0.040	14.374	0.000
0.443				
P5Q3BQ	0.336	0.022	15.325	0.000
0.683				
P5Q3CK	0.734	0.059	12.545	0.000
0.283				
P5Q3DB	0.313	0.022	13.983	0.000
0.705				
P5Q3E	0.221	0.026	8.380	0.000
0.794				
P5Q3A0	0.342	0.027	12.548	0.000
0.677				
P5Q3BK	0.423	0.031	13.470	0.000
0.598				
P5Q3B0	0.385	0.025	15.271	0.000
0.635				
P5Q3CU	0.406	0.035	11.583	0.000
0.614				
P5Q3DA	0.503	0.034	14.883	0.000
0.518				
P5Q3AS	0.316	0.022	14.120	0.000
0.702				
P5Q3AU	0.280	0.035	8.031	0.000
0.737				
P5Q3AZ	0.547	0.037	14.942	0.000
0.474				
P5Q3BB1	0.406	0.034	12.106	0.000
0.614				
P5Q3BB2	0.258	0.025	10.506	0.000
0.758				
P5Q3BB5	0.173	0.024	7.204	0.000
0.839				
P5Q3BB6	0.399	0.028	14.113	0.000
0.621				
P5Q3BB7	0.366	0.042	8.730	0.000
0.654				
P5Q3X	0.362	0.023	15.723	0.000
0.668				
P5Q3AA	0.564	0.017	33.004	0.000
0.468				
P5Q3AL	0.394	0.029	13.802	0.000
0.637				
P5Q3AP	0.501	0.021	24.319	0.000
0.532				
P5Q3BI	0.173	0.018	9.861	0.000
0.845				
P5Q3BZ	0.549	0.043	12.768	0.000
0.484				

P5Q3CJ	0.562	0.032	17.573	0.000	0.471
P5Q3C	0.382	0.020	19.145	0.000	0.649
P5Q3O	0.598	0.024	24.835	0.000	0.434
P5Q3R	0.419	0.020	21.203	0.000	0.613
P5Q3S	0.620	0.021	29.206	0.000	0.412
P5Q3T	0.637	0.020	31.297	0.000	0.394
P5Q3U	0.552	0.017	33.376	0.000	0.481
P5Q3V	0.526	0.019	27.393	0.000	0.507
P5Q3AJ	0.566	0.028	20.159	0.000	0.467
P5Q3BC	0.695	0.031	22.483	0.000	0.334
P5Q3BN	0.529	0.023	22.791	0.000	0.504
P5Q3CF	0.553	0.019	28.944	0.000	0.480
P5Q3CG	0.571	0.020	28.910	0.000	0.462
P5Q3CH	0.510	0.026	19.644	0.000	0.523
P5Q3CI	0.445	0.033	13.285	0.000	0.588
P5Q3CN	0.454	0.025	18.052	0.000	0.578
P5Q3CO	0.598	0.019	32.199	0.000	0.434
P5Q3CQ	0.748	0.033	22.853	0.000	0.278
P5Q3CW	0.432	0.023	18.767	0.000	0.600

Latent Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
INTERNAL	0.183	0.018	10.435	0.000
EXTERN	0.199	0.022	8.872	0.000
PAF	0.318	0.020	15.781	0.000
INCBCL	0.845	0.088	9.651	0.000
EXCBCL	0.682	0.066	10.354	0.000

QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix
    0.250E-04
         (ratio of smallest to largest eigenvalue)

MODEL MODIFICATION INDICES

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

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

ON/BY Statements

K6B1A_R ON SC9   /
SC9   BY K6B1A_R   12.257   -0.047   -0.047
-0.047
K6B1A_R ON EXTERN   /
EXTERN   BY K6B1A_R   15.114   0.067   0.075
0.075
K6B1A_R ON INCBCL   /
INCBCL   BY K6B1A_R   10.619   0.018   0.046
0.046
K6B1C_R ON EXTERN   /
EXTERN   BY K6B1C_R   15.695   -0.074   -0.083
-0.083
K5E1A   ON SC15   /
SC15   BY K5E1A   78.835   0.148   0.148
0.148
K5E1A   ON INTERNAL /
INTERNAL BY K5E1A   74.076   -0.102   -0.113
-0.113
K5E1A   ON EXTERN   /
EXTERN   BY K5E1A   46.105   -0.090   -0.100
-0.100
K5E1A   ON PAF   /
PAF   BY K5E1A   81.798   0.096   0.116
0.116
K5E1B   ON SC15   /
SC15   BY K5E1B   66.310   0.130   0.130
0.130
K5E1B   ON INTERNAL /
INTERNAL BY K5E1B   34.549   -0.067   -0.074
-0.074
K5E1B   ON EXTERN   /
EXTERN   BY K5E1B   13.328   -0.046   -0.052
-0.052
K5E1B   ON PAF   /
PAF   BY K5E1B   59.093   0.078   0.095

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0.095
K5E1C     ON SC15      /
SC15      BY K5E1C              109.472    0.172     0.172
0.172
K5E1C     ON INTERNAL /
INTERNAL BY K5E1C               64.075    -0.094    -0.104
-0.104
K5E1C     ON EXTERN    /
EXTERN    BY K5E1C              46.978    -0.090    -0.101
-0.101
K5E1C     ON PAF       /
PAF       BY K5E1C              94.773    0.102     0.124
0.124
K5E1C     ON INCBCL    /
INCBCL    BY K5E1C              21.838    0.181     0.458
0.458
K5E1D     ON SC15      /
SC15      BY K5E1D              66.560    0.148     0.148
0.148
K5E1D     ON INTERNAL /
INTERNAL BY K5E1D               59.118    -0.099    -0.110
-0.110
K5E1D     ON EXTERN    /
EXTERN    BY K5E1D              44.899    -0.096    -0.108
-0.108
K5E1D     ON PAF       /
PAF       BY K5E1D              53.563    0.084     0.102
0.102
K6D2AG_R ON SC15       /
SC15      BY K6D2AG_R           10.984    0.086     0.086
0.086
K6D2AG_R ON EXTERN     /
EXTERN    BY K6D2AG_R           21.121    -0.085    -0.095
-0.094
K6D2AG_R ON EXCBCL     /
EXCBCL    BY K6D2AG_R           14.705    -0.027    -0.048
-0.048
K6D2AI_R ON SC15       /
SC15      BY K6D2AI_R           18.226    0.111     0.111
0.111
K6D2AI_R ON SC9        /
SC9       BY K6D2AI_R           10.346    0.040     0.040
0.040
K6D2AI_R ON PAF        /
PAF       BY K6D2AI_R           20.777    0.088     0.107
0.107
K6D2AI_R ON EXCBCL     /
EXCBCL    BY K6D2AI_R           11.922    -0.024    -0.043
-0.043
K6D2D_R   ON SC15      /
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SC15        BY K6D2D_R                  19.365      0.117       0.117
0.117
K6D2D_R  ON PAF          /
PAF         BY K6D2D_R                  46.349      0.136       0.165
0.164
K6D2J_R  ON SC15         /
SC15        BY K6D2J_R                  13.772      0.092       0.092
0.092
K6D2J_R  ON PAF          /
PAF         BY K6D2J_R                  31.934      0.105       0.127
0.127
K6D2T_R  ON SC15         /
SC15        BY K6D2T_R                  17.148      0.112       0.112
0.112
K6D2T_R  ON PAF          /
PAF         BY K6D2T_R                  34.076      0.118       0.143
0.143
K6D2AC_R ON SC15         /
SC15        BY K6D2AC_R                 54.611     -0.199      -0.199
-0.198
K6D2AC_R ON PAF          /
PAF         BY K6D2AC_R                 86.756     -0.180      -0.218
-0.216
K6D2AK_R ON SC9          /
SC9         BY K6D2AK_R                 48.103     -0.084      -0.084
-0.084
K6D2AK_R ON EXTERN       /
EXTERN      BY K6D2AK_R                281.488      0.285       0.318
0.317
K6D2AK_R ON PAF          /
PAF         BY K6D2AK_R                 75.049      0.170       0.206
0.205
K6D2AK_R ON INCBCL       /
INCBCL      BY K6D2AK_R                 42.389      0.032       0.082
0.082
K6D2AK_R ON EXCBCL       /
EXCBCL      BY K6D2AK_R                 84.329      0.062       0.109
0.109
K6D2C_R  ON EXTERN       /
EXTERN      BY K6D2C_R                  25.109      0.086       0.096
0.096
K6D2C_R  ON PAF          /
PAF         BY K6D2C_R                  22.698      0.090       0.109
0.108
K6D2N_R  ON SC15         /
SC15        BY K6D2N_R                  21.435     -0.120      -0.120
-0.119
K6D2N_R  ON EXTERN       /
EXTERN      BY K6D2N_R                  46.624     -0.129      -0.144
-0.143
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K6D2N_R  ON PAF       /
PAF      BY K6D2N_R              75.226    -0.161    -0.194
-0.193
K6D2X_R  ON SC15      /
SC15     BY K6D2X_R              55.774    -0.225    -0.225
-0.224
K6D2X_R  ON EXTERN    /
EXTERN   BY K6D2X_R              13.853    -0.085    -0.095
-0.094
K6D2X_R  ON PAF       /
PAF      BY K6D2X_R             125.711    -0.234    -0.283
-0.282
K6D2A_R  ON INTERNAL /
INTERNAL BY K6D2A_R              14.545     0.058     0.064
0.064
K6D2P_R  ON INTERNAL /
INTERNAL BY K6D2P_R              36.140     0.092     0.102
0.101
K6D2P_R  ON PAF       /
PAF      BY K6D2P_R              18.286    -0.049    -0.059
-0.058
K6D2R_R  ON SC15      /
SC15     BY K6D2R_R              10.972    -0.062    -0.062
-0.062
K6D2R_R  ON INTERNAL /
INTERNAL BY K6D2R_R             129.204     0.169     0.187
0.186
K6D2R_R  ON PAF       /
PAF      BY K6D2R_R              26.373    -0.057    -0.070
-0.069
K6D2R_R  ON EXCBCL    /
EXCBCL   BY K6D2R_R              15.636    -0.027    -0.047
-0.047
K6D2Z_R  ON SC15      /
SC15     BY K6D2Z_R              27.682     0.100     0.100
0.100
K6D2Z_R  ON PAF       /
PAF      BY K6D2Z_R              25.882     0.058     0.070
0.069
K6D2AJ_R ON SC15      /
SC15     BY K6D2AJ_R             23.156    -0.095    -0.095
-0.094
K6D2AJ_R ON SC9       /
SC9      BY K6D2AJ_R             16.280    -0.050    -0.050
-0.049
K6D2AJ_R ON INTERNAL /
INTERNAL BY K6D2AJ_R             62.139     0.124     0.137
0.136
K6D2AJ_R ON PAF       /
PAF      BY K6D2AJ_R             41.743    -0.076    -0.092
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-0.090
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K6D2AJ_R ON INCBCL    /
INCBCL   BY K6D2AJ_R              16.622     0.021     0.052
0.052
K6D2AJ_R ON EXCBCL    /
EXCBCL   BY K6D2AJ_R              10.124     0.022     0.040
0.039
K6D61C   ON SC9       /
SC9      BY K6D61C                11.973     0.066     0.066
0.065
K6D61C   ON INTERNAL  /
INTERNAL BY K6D61C                76.652    -0.220    -0.244
-0.240
K6D61C   ON PAF       /
PAF      BY K6D61C                15.813     0.072     0.087
0.086
K6D61C   ON INCBCL    /
INCBCL   BY K6D61C                14.388    -0.030    -0.076
-0.074
K6D61D   ON SC15      /
SC15     BY K6D61D                19.618     0.100     0.100
0.099
K6D61D   ON INTERNAL  /
INTERNAL BY K6D61D                98.131    -0.185    -0.205
-0.203
K6D61D   ON PAF       /
PAF      BY K6D61D                59.043     0.104     0.126
0.125
K6D61E   ON SC15      /
SC15     BY K6D61E                11.387     0.096     0.096
0.095
K6D61E   ON SC9       /
SC9      BY K6D61E                24.716    -0.086    -0.086
-0.085
K6D61E   ON INTERNAL  /
INTERNAL BY K6D61E                70.657    -0.198    -0.219
-0.217
K6D61E   ON PAF       /
PAF      BY K6D61E                36.970     0.105     0.127
0.126
K6D61E   ON INCBCL    /
INCBCL   BY K6D61E                20.041     0.032     0.081
0.080
K6D61E   ON EXCBCL    /
EXCBCL   BY K6D61E                36.875     0.060     0.106
0.105
K6D61K   ON SC9       /
SC9      BY K6D61K                17.737     0.077     0.077
0.076
K6D61K   ON INTERNAL  /
```

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INTERNAL BY K6D61K                      91.439    -0.235    -0.260
-0.256
K6D61K    ON PAF         /
PAF       BY K6D61K                      14.742     0.067     0.081
0.080
K6D61K    ON INCBCL      /
INCBCL    BY K6D61K                      20.920    -0.034    -0.088
-0.086
K6D61K    ON EXCBCL      /
EXCBCL    BY K6D61K                      10.137    -0.034    -0.059
-0.058
K6D61L    ON SC15        /
SC15      BY K6D61L                      34.598     0.158     0.158
0.157
K6D61L    ON INTERNAL    /
INTERNAL BY K6D61L                       91.499    -0.210    -0.232
-0.230
K6D61L    ON PAF         /
PAF       BY K6D61L                      61.334     0.125     0.151
0.150
K6D61M    ON SC15        /
SC15      BY K6D61M                      40.968    -0.142    -0.142
-0.141
K6D61M    ON INTERNAL    /
INTERNAL BY K6D61M                       26.797     0.095     0.105
0.104
K6D61M    ON PAF         /
PAF       BY K6D61M                      60.044    -0.102    -0.124
-0.123
K6D40_R   ON SC15        /
SC15      BY K6D40_R                     14.638    -0.131    -0.131
-0.130
K6D40_R   ON SC9         /
SC9       BY K6D40_R                     65.009    -0.167    -0.167
-0.166
K6D40_R   ON PAF         /
PAF       BY K6D40_R                     12.547    -0.072    -0.087
-0.086
K6D40_R   ON INCBCL      /
INCBCL    BY K6D40_R                     59.754     0.066     0.167
0.165
K6D40_R   ON EXCBCL      /
EXCBCL    BY K6D40_R                     67.345     0.097     0.173
0.171
K6D48_R   ON SC9         /
SC9       BY K6D48_R                     20.930     0.075     0.075
0.074
K6D48_R   ON INCBCL      /
INCBCL    BY K6D48_R                     19.850    -0.030    -0.076
-0.075
```

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K6D48_R   ON EXCBCL    /
EXCBCL    BY K6D48_R              23.248    -0.045    -0.081
-0.080
K6D2B_R   ON SC15      /
SC15      BY K6D2B_R              12.898     0.127     0.127
0.127
K6D2B_R   ON INTERNAL  /
INTERNAL BY K6D2B_R               94.169    -0.211    -0.234
-0.233
K6D2B_R   ON EXTERN    /
EXTERN    BY K6D2B_R              16.808    -0.067    -0.075
-0.075
K6D2G_R   ON SC15      /
SC15      BY K6D2G_R              25.580     0.198     0.198
0.198
K6D2G_R   ON INTERNAL  /
INTERNAL BY K6D2G_R               17.326     0.113     0.126
0.125
K6D2I_R   ON EXTERN    /
EXTERN    BY K6D2I_R              41.602    -0.089    -0.100
-0.100
K6D2K_R   ON SC15      /
SC15      BY K6D2K_R              17.648    -0.139    -0.139
-0.139
K6D2K_R   ON INTERNAL  /
INTERNAL BY K6D2K_R               28.291     0.113     0.125
0.124
K6D2M_R   ON INTERNAL  /
INTERNAL BY K6D2M_R               29.858     0.118     0.130
0.130
K6D2S_R   ON INTERNAL  /
INTERNAL BY K6D2S_R              131.756    -0.234    -0.259
-0.258
K6D2S_R   ON EXTERN    /
EXTERN    BY K6D2S_R              22.228    -0.074    -0.083
-0.082
K6D2V_R   ON SC9       /
SC9       BY K6D2V_R              14.698     0.050     0.050
0.050
K6D2V_R   ON INCBCL    /
INCBCL    BY K6D2V_R              13.804    -0.020    -0.050
-0.050
K6D2V_R   ON EXCBCL    /
EXCBCL    BY K6D2V_R              15.314    -0.028    -0.050
-0.050
K6D2W_R   ON SC15      /
SC15      BY K6D2W_R              20.092    -0.149    -0.149
-0.149
K6D2AA_R ON EXTERN     /
EXTERN    BY K6D2AA_R             17.911     0.067     0.074
```

```
0.074
K6D2AE_R ON SC15       /
SC15      BY K6D2AE_R            41.495    -0.204    -0.204
-0.204
K6D2AE_R ON INTERNAL /
INTERNAL BY K6D2AE_R            104.177     0.208     0.230
0.230
K6D2AE_R ON EXTERN     /
EXTERN    BY K6D2AE_R            102.718     0.140     0.157
0.156
K6D2AE_R ON EXCBCL     /
EXCBCL    BY K6D2AE_R             15.036     0.025     0.045
0.045
K6D2AF_R ON INTERNAL /
INTERNAL BY K6D2AF_R             14.214     0.096     0.107
0.106
K6D2AF_R ON EXTERN     /
EXTERN    BY K6D2AF_R             13.033     0.064     0.071
0.071
P5Q3M     ON SC9        /
SC9       BY P5Q3M               66.811    -0.821    -0.821
-0.807
P5Q3M     ON EXCBCL     /
EXCBCL    BY P5Q3M              112.196     0.227     0.403
0.396
P5Q3AF    ON EXCBCL     /
EXCBCL    BY P5Q3AF              23.816     0.111     0.197
0.193
P5Q3AH    ON SC9        /
SC9       BY P5Q3AH              12.610    -0.441    -0.441
-0.429
P5Q3AH    ON EXCBCL     /
EXCBCL    BY P5Q3AH              14.362     0.098     0.174
0.169
P5Q3AV    ON EXTERN     /
EXTERN    BY P5Q3AV              11.683    -0.064    -0.072
-0.070
P5Q3AX    ON INTERNAL /
INTERNAL BY P5Q3AX               11.763    -0.073    -0.080
-0.079
P5Q3AX    ON PAF        /
PAF       BY P5Q3AX              10.600     0.061     0.074
0.072
P5Q3CK    ON SC9        /
SC9       BY P5Q3CK              24.187    -0.803    -0.803
-0.779
P5Q3CK    ON EXCBCL     /
EXCBCL    BY P5Q3CK              34.507     0.192     0.339
0.329
P5Q3DB    ON SC15       /
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SC15      BY P5Q3DB                10.461     0.059      0.059
0.059
P5Q3DB    ON EXTERN    /
EXTERN    BY P5Q3DB                25.074    -0.073     -0.081
-0.080
P5Q3DB    ON EXCBCL    /
EXCBCL    BY P5Q3DB                11.223    -0.067     -0.118
-0.116
P5Q3A0    ON INTERNAL  /
INTERNAL  BY P5Q3A0                14.600     0.058      0.064
0.063
P5Q3A0    ON PAF       /
PAF       BY P5Q3A0                15.181    -0.053     -0.064
-0.063
P5Q3B0    ON SC15      /
SC15      BY P5Q3B0                13.929    -0.077     -0.077
-0.076
P5Q3B0    ON SC9       /
SC9       BY P5Q3B0                13.756    -0.373     -0.373
-0.367
P5Q3B0    ON INTERNAL  /
INTERNAL  BY P5Q3B0                18.091     0.062      0.069
0.068
P5Q3B0    ON EXTERN    /
EXTERN    BY P5Q3B0                42.445     0.105      0.118
0.116
P5Q3B0    ON PAF       /
PAF       BY P5Q3B0                16.265    -0.053     -0.064
-0.063
P5Q3B0    ON EXCBCL    /
EXCBCL    BY P5Q3B0                43.822     0.140      0.249
0.245
P5Q3DA    ON SC15      /
SC15      BY P5Q3DA                10.829    -0.084     -0.084
-0.083
P5Q3DA    ON INTERNAL  /
INTERNAL  BY P5Q3DA                21.603     0.084      0.093
0.091
P5Q3DA    ON EXTERN    /
EXTERN    BY P5Q3DA                18.135     0.085      0.094
0.092
P5Q3DA    ON PAF       /
PAF       BY P5Q3DA                13.352    -0.059     -0.072
-0.070
P5Q3BB1   ON SC9       /
SC9       BY P5Q3BB1               19.242     0.506      0.506
0.497
P5Q3BB1   ON EXCBCL    /
EXCBCL    BY P5Q3BB1               37.275    -0.151     -0.268
-0.264
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P5Q3BB2    ON SC9        /
SC9        BY P5Q3BB2             23.798    0.497    0.497
0.492
P5Q3BB2    ON EXCBCL     /
EXCBCL     BY P5Q3BB2             34.245   -0.128   -0.226
-0.224
P5Q3BB6    ON SC9        /
SC9        BY P5Q3BB6             43.196    0.710    0.710
0.699
P5Q3BB6    ON EXTERN     /
EXTERN     BY P5Q3BB6             13.169   -0.066   -0.074
-0.073
P5Q3BB6    ON EXCBCL     /
EXCBCL     BY P5Q3BB6             73.081   -0.198   -0.351
-0.345
P5Q3BB7    ON SC9        /
SC9        BY P5Q3BB7             15.454    0.523    0.523
0.515
P5Q3BB7    ON INTERNAL   /
INTERNAL   BY P5Q3BB7             11.253   -0.072   -0.079
-0.078
P5Q3BB7    ON EXTERN     /
EXTERN     BY P5Q3BB7             21.657   -0.109   -0.122
-0.120
P5Q3BB7    ON EXCBCL     /
EXCBCL     BY P5Q3BB7             22.629   -0.133   -0.235
-0.232
P5Q3X      ON EXTERN     /
EXTERN     BY P5Q3X              11.184     0.053    0.059
0.058
P5Q3AA     ON SC9        /
SC9        BY P5Q3AA            111.237     0.456    0.456
0.440
P5Q3AA     ON INCBCL     /
INCBCL     BY P5Q3AA            125.452    -0.153   -0.389
-0.376
P5Q3AL     ON SC15       /
SC15       BY P5Q3AL             12.096     0.081    0.081
0.079
P5Q3AL     ON INTERNAL   /
INTERNAL   BY P5Q3AL             17.611    -0.069   -0.077
-0.075
P5Q3AL     ON PAF        /
PAF        BY P5Q3AL             21.849     0.069    0.083
0.081
P5Q3BI     ON INCBCL     /
INCBCL     BY P5Q3BI             10.842     0.047    0.119
0.118
P5Q3R      ON SC9        /
SC9        BY P5Q3R              27.776    -0.224   -0.224
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-0.218
P5Q3R     ON INCBCL    /
INCBCL    BY P5Q3R                 29.306     0.073     0.185
0.180
P5Q3S     ON SC9       /
SC9       BY P5Q3S                 10.292     0.159     0.159
0.153
P5Q3S     ON INCBCL    /
INCBCL    BY P5Q3S                 11.144    -0.052    -0.132
-0.127
P5Q3T     ON SC9       /
SC9       BY P5Q3T                 14.437     0.187     0.187
0.179
P5Q3T     ON INCBCL    /
INCBCL    BY P5Q3T                 15.856    -0.061    -0.156
-0.150
P5Q3U     ON SC15      /
SC15      BY P5Q3U                 10.892     0.058     0.058
0.056
P5Q3U     ON SC9       /
SC9       BY P5Q3U                 42.216     0.278     0.278
0.269
P5Q3U     ON INTERNAL /
INTERNAL  BY P5Q3U                 18.561    -0.054    -0.060
-0.058
P5Q3U     ON INCBCL    /
INCBCL    BY P5Q3U                 56.423    -0.102    -0.258
-0.249
P5Q3V     ON SC9       /
SC9       BY P5Q3V                 95.296     0.444     0.444
0.430
P5Q3V     ON INTERNAL /
INTERNAL  BY P5Q3V                 18.259    -0.058    -0.064
-0.062
P5Q3V     ON PAF       /
PAF       BY P5Q3V                 13.774     0.045     0.054
0.052
P5Q3V     ON INCBCL    /
INCBCL    BY P5Q3V                118.752    -0.157    -0.399
-0.385
P5Q3AJ    ON SC9       /
SC9       BY P5Q3AJ                10.157     0.178     0.178
0.172
P5Q3AJ    ON INTERNAL /
INTERNAL  BY P5Q3AJ                11.772    -0.061    -0.068
-0.065
P5Q3AJ    ON PAF       /
PAF       BY P5Q3AJ                11.416     0.054     0.065
0.063
P5Q3BN    ON SC9       /
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SC9        BY P5Q3BN                      13.746    -0.178    -0.178
-0.172
P5Q3BN     ON INCBCL     /
INCBCL     BY P5Q3BN                      16.815     0.062     0.156
0.151
P5Q3CF     ON SC9        /
SC9        BY P5Q3CF                      10.442    -0.142    -0.142
-0.137
P5Q3CF     ON INCBCL     /
INCBCL     BY P5Q3CF                      10.369     0.044     0.112
0.109
P5Q3CG     ON SC9        /
SC9        BY P5Q3CG                      72.582    -0.378    -0.378
-0.364
P5Q3CG     ON INCBCL     /
INCBCL     BY P5Q3CG                      82.600     0.127     0.321
0.310
P5Q3CH     ON SC9        /
SC9        BY P5Q3CH                     154.622    -0.618    -0.618
-0.599
P5Q3CH     ON EXTERN     /
EXTERN     BY P5Q3CH                      13.394    -0.066    -0.074
-0.072
P5Q3CH     ON INCBCL     /
INCBCL     BY P5Q3CH                     169.008     0.203     0.515
0.498
P5Q3CI     ON SC9        /
SC9        BY P5Q3CI                     117.956    -0.592    -0.592
-0.576
P5Q3CI     ON INCBCL     /
INCBCL     BY P5Q3CI                     138.625     0.201     0.511
0.497
P5Q3CW     ON PAF        /
PAF        BY P5Q3CW                      10.754     0.042     0.050
0.049
SC15       ON INTERNAL /
INTERNAL BY SC15                          31.918    -0.986    -1.091
-1.091
SC15       ON PAF        /
PAF        BY SC15                        23.897     0.774     0.938
0.938
SC15       ON INCBCL     /
INCBCL     BY SC15                        16.927    -0.102    -0.258
-0.258
SC9        ON EXTERN     /
EXTERN     BY SC9                         25.108    -1.907    -2.131
-2.131
SC9        ON EXCBCL     /
EXCBCL     BY SC9                         30.511    -0.732    -1.297
-1.297
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INTERNAL ON EXTERN    /
EXTERN    BY INTERNAL              42.658    -1.659    -1.675
-1.675
INTERNAL ON EXCBCL    /
EXCBCL    BY INTERNAL              42.637    -0.472    -0.756
-0.756
EXTERN    ON INTERNAL /
INTERNAL BY EXTERN                 44.638    -8.293    -8.212
-8.212
EXTERN    ON INCBCL    /
INCBCL    BY EXTERN                44.853    -0.790    -1.793
-1.793
PAF       ON INTERNAL /
INTERNAL BY PAF                    17.932    -1.389    -1.269
-1.269
PAF       ON EXTERN    /
EXTERN    BY PAF                   53.406     0.477     0.440
0.440
PAF       ON INCBCL    /
INCBCL    BY PAF                   17.813    -0.132    -0.275
-0.275
PAF       ON EXCBCL    /
EXCBCL    BY PAF                   53.422     0.136     0.198
0.198
INCBCL    ON EXCBCL    /
EXCBCL    BY INCBCL               225.005     6.412     4.477
4.477
EXCBCL    ON SC15      /
SC15      BY EXCBCL                26.391     0.105     0.059
0.059
EXCBCL    ON INTERNAL /
INTERNAL BY EXCBCL                 77.353    -0.197    -0.123
-0.123
EXCBCL    ON EXTERN    /
EXTERN    BY EXCBCL                61.704    -0.368    -0.232
-0.232
EXCBCL    ON PAF       /
PAF       BY EXCBCL                61.963     0.102     0.070
0.070
EXCBCL    ON INCBCL    /
INCBCL    BY EXCBCL               224.659     6.407     9.174
9.174


ON Statements

SC15      ON K6B1A_R               12.274     0.448     0.448
0.448
SC15      ON K5E1A                 78.835     0.147     0.147
0.147
SC15      ON K5E1B                 66.311     0.128     0.128
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0.128
SC15      ON K5E1C              109.473      0.170      0.170
0.170
SC15      ON K5E1D               66.560      0.146      0.146
0.146
SC15      ON K6D2D_R             18.303      0.111      0.111
0.112
SC15      ON K6D2T_R             11.480      0.090      0.090
0.090
SC15      ON K6D2AC_R            61.134     -0.206     -0.206
-0.207
SC15      ON K6D2N_R             25.342     -0.127     -0.127
-0.128
SC15      ON K6D2X_R             62.568     -0.233     -0.233
-0.234
SC15      ON K6D2R_R             12.308     -0.065     -0.065
-0.065
SC15      ON K6D2Z_R             31.289      0.104      0.104
0.105
SC15      ON K6D2AJ_R            14.675     -0.073     -0.073
-0.074
SC15      ON K6D61D              19.236      0.096      0.096
0.097
SC15      ON K6D61E              18.876      0.119      0.119
0.120
SC15      ON K6D61L              31.345      0.145      0.145
0.146
SC15      ON K6D61M              41.666     -0.140     -0.140
-0.141
SC15      ON K6D2B_R             17.131      0.144      0.144
0.145
SC15      ON K6D2G_R             29.891      0.211      0.211
0.211
SC15      ON K6D2K_R             18.177     -0.139     -0.139
-0.140
SC15      ON K6D2L_R             14.277      0.157      0.157
0.158
SC15      ON K6D2S_R             12.062      0.115      0.115
0.115
SC15      ON K6D2W_R             10.844     -0.108     -0.108
-0.109
SC15      ON K6D2AA_R            11.901      0.113      0.113
0.114
SC15      ON K6D2AE_R            27.474     -0.164     -0.164
-0.165
SC15      ON P5Q3A0              12.104     -0.071     -0.071
-0.073
SC15      ON P5Q3B0              18.758     -0.085     -0.085
-0.087
SC15      ON P5Q3DA              17.844     -0.101     -0.101
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					−0.103
SC15	ON P5Q3AS		11.248	−0.064	−0.064
					−0.065
SC15	ON P5Q3AL		13.948	0.076	0.076
					0.078
SC15	ON P5Q3U		11.348	0.052	0.052
					0.054
SC9	ON K6B1A_R		12.256	−0.047	−0.047
					−0.047
SC9	ON K5E1A		78.761	−1.405	−1.405
					−1.405
SC9	ON K5E1B		66.340	−1.229	−1.229
					−1.229
SC9	ON K5E1C		109.432	−1.629	−1.629
					−1.629
SC9	ON K5E1D		66.546	−1.398	−1.398
					−1.398
SC9	ON K6D2AK_R		49.657	−0.084	−0.084
					−0.085
SC9	ON K6D2AJ_R		14.771	−0.047	−0.047
					−0.048
SC9	ON K6D61E		28.470	−0.092	−0.092
					−0.092
SC9	ON K6D61K		14.807	0.070	0.070
					0.071
SC9	ON K6D40_R		64.115	−0.165	−0.165
					−0.166
SC9	ON K6D48_R		21.359	0.075	0.075
					0.076
SC9	ON K6D2V_R		15.208	0.050	0.050
					0.050
SC9	ON P5Q3M		49.995	−0.627	−0.627
					−0.638
SC9	ON P5Q3AH		13.154	−0.397	−0.397
					−0.408
SC9	ON P5Q3AR		10.912	−0.334	−0.334
					−0.340
SC9	ON P5Q3CK		30.529	−0.777	−0.777
					−0.801
SC9	ON P5Q3BB1		13.258	0.373	0.373
					0.379
SC9	ON P5Q3BB2		11.602	0.307	0.307
					0.310
SC9	ON P5Q3BB6		28.322	0.511	0.511
					0.520
SC9	ON P5Q3AA		80.612	0.373	0.373
					0.387
SC9	ON P5Q3BI		11.743	−0.147	−0.147
					−0.148
SC9	ON P5Q3CJ		12.610	−0.199	−0.199

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-0.206
SC9        ON P5Q3R               30.779    -0.227    -0.227
-0.233
SC9        ON P5Q3U               22.629     0.196     0.196
0.203
SC9        ON P5Q3V               65.407     0.354     0.354
0.366
SC9        ON P5Q3BN              18.389    -0.198    -0.198
-0.204
SC9        ON P5Q3CF              13.795    -0.157    -0.157
-0.162
SC9        ON P5Q3CG              78.900    -0.379    -0.379
-0.393
SC9        ON P5Q3CH             159.044    -0.603    -0.603
-0.623
SC9        ON P5Q3CI             132.608    -0.604    -0.604
-0.622
INTERNAL ON K5E1A                19.829    -0.082    -0.074
-0.074
INTERNAL ON K5E1D                19.574    -0.089    -0.080
-0.080
INTERNAL ON K6D2AG_R             25.945     0.119     0.107
0.108
INTERNAL ON K6D2AI_R             28.712     0.126     0.114
0.115
INTERNAL ON K6D2D_R              30.865     0.134     0.121
0.122
INTERNAL ON K6D2J_R              12.598     0.080     0.072
0.073
INTERNAL ON K6D2T_R              36.923     0.149     0.135
0.135
INTERNAL ON K6D2AC_R             46.846    -0.166    -0.150
-0.151
INTERNAL ON K6D2AK_R             25.998    -0.121    -0.110
-0.110
INTERNAL ON K6D2N_R              13.972    -0.087    -0.079
-0.079
INTERNAL ON K6D2X_R              68.192    -0.219    -0.198
-0.199
INTERNAL ON K6D2A_R              34.565     0.098     0.088
0.089
INTERNAL ON K6D2P_R              25.954     0.085     0.076
0.077
INTERNAL ON K6D2R_R             179.637     0.216     0.195
0.196
INTERNAL ON K6D2Z_R              31.277     0.093     0.084
0.084
INTERNAL ON K6D2AB_R             33.182     0.095     0.086
0.086
INTERNAL ON K6D2AJ_R             33.661     0.099     0.089
```

```
0.090
INTERNAL ON K6D61C              122.499    -0.315    -0.285
-0.290
INTERNAL ON K6D61D               67.698    -0.171    -0.154
-0.156
INTERNAL ON K6D61E               69.729    -0.219    -0.198
-0.200
INTERNAL ON K6D61K              158.723    -0.353    -0.319
-0.325
INTERNAL ON K6D61L               55.972    -0.182    -0.165
-0.166
INTERNAL ON K6D40_R              15.956    -0.126    -0.114
-0.115
INTERNAL ON K6F63_R              36.155    -0.135    -0.122
-0.123
INTERNAL ON K6D2B_R              96.532    -0.174    -0.157
-0.158
INTERNAL ON K6D2G_R              21.358     0.106     0.095
0.096
INTERNAL ON K6D2I_R              73.996     0.153     0.138
0.139
INTERNAL ON K6D2K_R              35.756     0.106     0.096
0.096
INTERNAL ON K6D2M_R              58.124     0.137     0.124
0.124
INTERNAL ON K6D2S_R             144.069    -0.198    -0.179
-0.180
INTERNAL ON K6D2V_R              26.599     0.097     0.088
0.088
INTERNAL ON K6D2AE_R             44.300     0.113     0.102
0.102
INTERNAL ON P5Q3DA               12.606     0.099     0.090
0.092
INTERNAL ON P5Q3AL               21.280    -0.118    -0.107
-0.109
INTERNAL ON P5Q3U                14.148    -0.073    -0.066
-0.069
INTERNAL ON P5Q3V                17.309    -0.087    -0.079
-0.081
INTERNAL ON P5Q3AJ               22.757    -0.131    -0.118
-0.123
EXTERN    ON K6B1A_R             10.352     0.061     0.055
0.055
EXTERN    ON K6B1C_R             11.781    -0.070    -0.063
-0.063
EXTERN    ON K5E1A               13.757    -0.067    -0.060
-0.060
EXTERN    ON K5E1C               14.679    -0.069    -0.061
-0.061
EXTERN    ON K5E1D               16.462    -0.079    -0.071
```

```
                                                         -0.071
EXTERN    ON K6D2AG_R              13.223     -0.064     -0.057
                                                         -0.058
EXTERN    ON K6D2AC_R              10.054     -0.060     -0.054
                                                         -0.054
EXTERN    ON K6D2AK_R             234.947      0.248      0.222
                                                          0.223
EXTERN    ON K6D2C_R               23.955      0.081      0.072
                                                          0.072
EXTERN    ON K6D2N_R               48.824     -0.127     -0.113
                                                         -0.114
EXTERN    ON K6D2X_R               14.255     -0.083     -0.074
                                                         -0.074
EXTERN    ON K6D2P_R               16.462     -0.115     -0.103
                                                         -0.104
EXTERN    ON K6D2R_R               70.785     -0.232     -0.207
                                                         -0.209
EXTERN    ON K6D2AJ_R              66.276     -0.237     -0.212
                                                         -0.215
EXTERN    ON K6D61C                72.609      0.386      0.345
                                                          0.351
EXTERN    ON K6D61D                43.457      0.224      0.200
                                                          0.202
EXTERN    ON K6D61E                19.527      0.188      0.168
                                                          0.170
EXTERN    ON K6D61K                94.935      0.431      0.386
                                                          0.392
EXTERN    ON K6D61L                52.848      0.289      0.259
                                                          0.261
EXTERN    ON K6D61M                12.004     -0.117     -0.104
                                                         -0.105
EXTERN    ON K6D40_R               13.837     -0.190     -0.170
                                                         -0.172
EXTERN    ON K6D2I_R               82.287     -0.145     -0.130
                                                         -0.130
EXTERN    ON K6D2M_R               10.090     -0.053     -0.048
                                                         -0.048
EXTERN    ON K6D2V_R               20.264     -0.080     -0.071
                                                         -0.072
EXTERN    ON K6D2AA_R              22.239      0.087      0.078
                                                          0.078
EXTERN    ON K6D2AE_R              55.178      0.120      0.107
                                                          0.107
EXTERN    ON K6D2AF_R              10.512      0.067      0.060
                                                          0.060
EXTERN    ON P5Q3DB                20.561     -0.090     -0.081
                                                         -0.082
EXTERN    ON P5Q3B0                21.268      0.102      0.091
                                                          0.092
EXTERN    ON P5Q3BB7               12.938     -0.116     -0.104
```

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                                              -0.105
EXTERN     ON P5Q3AA              11.012     0.064     0.057
                                              0.059
EXTERN     ON P5Q3CG              10.531    -0.067    -0.060
                                             -0.062
EXTERN     ON P5Q3CH              15.449    -0.094    -0.084
                                             -0.087
PAF        ON K5E1A               41.580     0.118     0.098
                                              0.098
PAF        ON K5E1B               38.872     0.109     0.090
                                              0.090
PAF        ON K5E1C               56.888     0.136     0.112
                                              0.112
PAF        ON K5E1D               14.912     0.077     0.063
                                              0.063
PAF        ON K6D2AI_R            16.279     0.074     0.061
                                              0.061
PAF        ON K6D2D_R             40.546     0.120     0.099
                                              0.100
PAF        ON K6D2J_R             25.613     0.089     0.073
                                              0.073
PAF        ON K6D2T_R             31.320     0.107     0.089
                                              0.089
PAF        ON K6D2AC_R            71.387    -0.153    -0.126
                                             -0.127
PAF        ON K6D2AK_R            61.428     0.145     0.120
                                              0.120
PAF        ON K6D2C_R             19.014     0.077     0.064
                                              0.064
PAF        ON K6D2N_R             70.379    -0.145    -0.120
                                             -0.121
PAF        ON K6D2X_R            117.856    -0.211    -0.175
                                             -0.175
PAF        ON K6D2Z_R             69.261     0.137     0.114
                                              0.114
PAF        ON K6D2AB_R            24.194     0.080     0.066
                                              0.067
PAF        ON K6D61D              42.428     0.128     0.106
                                              0.107
PAF        ON K6D61E              26.721     0.129     0.106
                                              0.107
PAF        ON K6D61L              38.257     0.143     0.118
                                              0.119
PAF        ON K6D61M              47.871    -0.132    -0.109
                                             -0.110
PAF        ON K6D2B_R            101.378    -0.287    -0.237
                                             -0.238
PAF        ON K6D2I_R             14.369     0.104     0.086
                                              0.086
PAF        ON K6D2K_R             47.496     0.190     0.157
```

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0.157
PAF        ON K6D2L_R               13.965    -0.133    -0.110
-0.110
PAF        ON K6D2M_R               47.577     0.192     0.159
0.159
PAF        ON K6D2S_R              120.945    -0.295    -0.244
-0.245
PAF        ON K6D2W_R               15.736     0.109     0.090
0.090
PAF        ON K6D2AE_R             110.981     0.278     0.230
0.230
PAF        ON P5Q3BQ                13.324    -0.069    -0.057
-0.058
PAF        ON P5Q3A0                14.452    -0.086    -0.071
-0.072
PAF        ON P5Q3B0                13.030    -0.078    -0.064
-0.065
PAF        ON P5Q3AS                10.177    -0.068    -0.056
-0.057
PAF        ON P5Q3AA                30.353     0.093     0.077
0.080
PAF        ON P5Q3AL                42.370     0.143     0.118
0.121
PAF        ON P5Q3AP                12.373     0.063     0.052
0.054
PAF        ON P5Q3BI                13.097     0.066     0.055
0.055
PAF        ON P5Q3BZ                41.533     0.163     0.135
0.139
PAF        ON P5Q3CJ                22.156     0.113     0.094
0.097
PAF        ON P5Q3S                 25.200     0.097     0.080
0.083
PAF        ON P5Q3T                 22.895     0.094     0.077
0.081
PAF        ON P5Q3U                 11.946     0.058     0.048
0.050
PAF        ON P5Q3V                 27.405     0.094     0.077
0.080
PAF        ON P5Q3AJ                35.487     0.132     0.109
0.113
PAF        ON P5Q3BC                28.360     0.129     0.106
0.111
PAF        ON P5Q3BN                12.811     0.069     0.057
0.059
PAF        ON P5Q3CI                21.336     0.106     0.087
0.090
PAF        ON P5Q3CN                18.781     0.087     0.072
0.074
PAF        ON P5Q3CQ                36.959     0.144     0.119
```

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                                                       0.125
PAF       ON P5Q3CW              38.611      0.120      0.099
                                                       0.102
INCBCL    ON K5E1A               26.943      0.278      0.110
                                                       0.110
INCBCL    ON K5E1B               20.817      0.229      0.090
                                                       0.090
INCBCL    ON K5E1C               62.340      0.438      0.172
                                                       0.172
INCBCL    ON K5E1D               20.399      0.274      0.108
                                                       0.108
INCBCL    ON K6D2D_R             13.801      0.131      0.052
                                                       0.052
INCBCL    ON K6D61C              30.210     −0.270     −0.107
                                                      −0.108
INCBCL    ON K6D61D              34.163     −0.239     −0.094
                                                      −0.095
INCBCL    ON K6D61K              38.911     −0.298     −0.118
                                                      −0.120
INCBCL    ON K6D61L              34.814     −0.289     −0.114
                                                      −0.115
INCBCL    ON K6D48_R             11.807     −0.165     −0.065
                                                      −0.065
INCBCL    ON K6F63_R             17.808     −0.191     −0.075
                                                      −0.076
INCBCL    ON K6D2B_R             13.049     −0.091     −0.036
                                                      −0.036
INCBCL    ON K6D2F_R             13.221     −0.093     −0.037
                                                      −0.037
INCBCL    ON P5Q3M              110.889     −0.611     −0.241
                                                      −0.245
INCBCL    ON P5Q3AF              18.772     −0.266     −0.105
                                                      −0.107
INCBCL    ON P5Q3AH              13.849     −0.258     −0.102
                                                      −0.105
INCBCL    ON P5Q3CK              27.918     −0.461     −0.182
                                                      −0.187
INCBCL    ON P5Q3B0              31.376     −0.322     −0.127
                                                      −0.129
INCBCL    ON P5Q3BB1             35.605      0.399      0.157
                                                       0.160
INCBCL    ON P5Q3BB2             39.420      0.371      0.146
                                                       0.148
INCBCL    ON P5Q3BB6             70.217      0.524      0.206
                                                       0.210
INCBCL    ON P5Q3BB7             23.148      0.361      0.142
                                                       0.145
INCBCL    ON P5Q3AA              98.196     −0.392     −0.155
                                                      −0.160
INCBCL    ON P5Q3BI              17.727      0.175      0.069
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0.070
INCBCL    ON P5Q3BZ              11.599     0.201      0.079
0.082
INCBCL    ON P5Q3CJ              16.509     0.213      0.084
0.087
INCBCL    ON P5Q3R               34.898     0.230      0.091
0.093
INCBCL    ON P5Q3T               10.561    -0.144     -0.057
-0.059
INCBCL    ON P5Q3U               55.695    -0.291     -0.115
-0.119
INCBCL    ON P5Q3V              110.144    -0.437     -0.172
-0.178
INCBCL    ON P5Q3BC              13.497     0.194      0.076
0.080
INCBCL    ON P5Q3BN              22.703     0.206      0.081
0.084
INCBCL    ON P5Q3CF              13.788     0.147      0.058
0.060
INCBCL    ON P5Q3CG              89.076     0.379      0.149
0.155
INCBCL    ON P5Q3CH             168.612     0.583      0.230
0.237
INCBCL    ON P5Q3CI             153.440     0.609      0.240
0.247
EXCBCL    ON K6B1A_R             24.042     0.079      0.045
0.045
EXCBCL    ON K6B1B_R             11.423     0.052      0.029
0.029
EXCBCL    ON K5E1B               11.460     0.094      0.053
0.053
EXCBCL    ON K6D2AG_R            81.503    -0.159     -0.090
-0.090
EXCBCL    ON K6D2AI_R            44.336    -0.124     -0.070
-0.070
EXCBCL    ON K6D2D_R             16.549    -0.075     -0.042
-0.043
EXCBCL    ON K6D2J_R             15.517    -0.071     -0.040
-0.040
EXCBCL    ON K6D2T_R             39.037    -0.116     -0.065
-0.066
EXCBCL    ON K6D2AC_R            36.926    -0.107     -0.061
-0.061
EXCBCL    ON K6D2AK_R            51.459     0.130      0.073
0.074
EXCBCL    ON K6D2N_R             50.202    -0.124     -0.070
-0.071
EXCBCL    ON K6D2X_R             38.116    -0.124     -0.070
-0.070
EXCBCL    ON K6D2P_R             30.901    -0.118     -0.067
```

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-0.067
EXCBCL    ON K6D2R_R                75.874   -0.184   -0.104
-0.104
EXCBCL    ON K6D61C                 11.701   -0.103   -0.058
-0.059
EXCBCL    ON K6D61E                 15.333    0.116    0.065
0.066
EXCBCL    ON K6D61K                 12.025   -0.103   -0.058
-0.059
EXCBCL    ON K6D61M                 28.235   -0.133   -0.075
-0.076
EXCBCL    ON K6D48_R                39.540   -0.182   -0.103
-0.104
EXCBCL    ON K6F68_R                34.294   -0.286   -0.161
-0.163
EXCBCL    ON K6F74_R                13.284   -0.162   -0.092
-0.093
EXCBCL    ON K6D2B_R                38.426    0.089    0.050
0.051
EXCBCL    ON K6D2F_R                19.315    0.064    0.036
0.036
EXCBCL    ON K6D2G_R                23.473    0.095    0.054
0.054
EXCBCL    ON K6D2K_R                17.144    0.063    0.036
0.036
EXCBCL    ON K6D2L_R                49.874    0.117    0.066
0.067
EXCBCL    ON K6D2M_R                18.247    0.065    0.037
0.037
EXCBCL    ON K6D2O_R                34.053    0.092    0.052
0.052
EXCBCL    ON K6D2S_R                51.099    0.092    0.052
0.052
EXCBCL    ON K6D2W_R                40.405    0.093    0.052
0.053
EXCBCL    ON K6D2Y_R                59.706    0.122    0.069
0.069
EXCBCL    ON K6D2AA_R               74.662    0.125    0.070
0.071
EXCBCL    ON K6D2AE_R               61.087    0.124    0.070
0.070
EXCBCL    ON K6D2AF_R               33.830    0.097    0.055
0.055
EXCBCL    ON K6D2AH_R               15.390    0.066    0.037
0.037
EXCBCL    ON P5Q3M                 111.485    0.292    0.165
0.168
EXCBCL    ON P5Q3AF                 27.952    0.155    0.088
0.090
EXCBCL    ON P5Q3AH                 19.663    0.148    0.083
```

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0.086
EXCBCL    ON P5Q3AR              10.964     0.102      0.058
0.059
EXCBCL    ON P5Q3CK              42.408     0.274      0.154
0.159
EXCBCL    ON P5Q3B0              43.038     0.179      0.101
0.103
EXCBCL    ON P5Q3BB1             32.833    -0.183     -0.104
-0.105
EXCBCL    ON P5Q3BB2             30.880    -0.156     -0.088
-0.089
EXCBCL    ON P5Q3BB6             67.379    -0.245     -0.138
-0.141
EXCBCL    ON P5Q3BB7             20.981    -0.165     -0.093
-0.095
EXCBCL    ON P5Q3AA             113.764     0.370      0.209
0.217
EXCBCL    ON P5Q3BI              11.385    -0.121     -0.068
-0.069
EXCBCL    ON P5Q3R               26.408    -0.176     -0.099
-0.102
EXCBCL    ON P5Q3S               15.033     0.154      0.087
0.090
EXCBCL    ON P5Q3T               17.129     0.162      0.092
0.095
EXCBCL    ON P5Q3U               49.840     0.242      0.137
0.141
EXCBCL    ON P5Q3V              101.998     0.369      0.208
0.215
EXCBCL    ON P5Q3BN              12.126    -0.133     -0.075
-0.078
EXCBCL    ON P5Q3CG              80.357    -0.318     -0.179
-0.186
EXCBCL    ON P5Q3CH             153.225    -0.493     -0.278
-0.287
EXCBCL    ON P5Q3CI             120.968    -0.480     -0.271
-0.279
EXCBCL    ON P5Q3C0              10.129     0.113      0.064
0.066
K6B1A_R   ON K6D2A_R             12.635     0.077      0.077
0.078
K6B1A_R   ON K6D2P_R             13.238     0.064      0.064
0.065
K6B1A_R   ON K6D2Z_R             14.629     0.076      0.076
0.077
K6B1A_R   ON K6D2AB_R            16.559     0.081      0.081
0.081
K6B1A_R   ON K6D2AJ_R            11.879     0.060      0.060
0.061
K6B1A_R   ON K6D61C              10.510     0.061      0.061
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0.062
K6B1A_R   ON K6D61K                    11.246      0.063       0.063
0.064
K6B1A_R   ON K6D61L                    11.588      0.085       0.085
0.086
K6B1A_R   ON K6F68_R                   11.965      0.092       0.092
0.093
K6B1A_R   ON K6F74_R                   12.507      0.096       0.096
0.097
K6B1A_R   ON K6D2G_R                   28.779      0.159       0.159
0.159
K6B1A_R   ON P5Q3AD                    13.178      0.069       0.069
0.070
K6B1A_R   ON P5Q3AF                    11.467      0.056       0.056
0.057
K6B1A_R   ON P5Q3AH                    10.091      0.048       0.048
0.050
K6B1A_R   ON P5Q3AV                    11.941      0.058       0.058
0.059
K6B1A_R   ON P5Q3AX                    10.402      0.054       0.054
0.055
K6B1A_R   ON P5Q3CK                    10.765      0.050       0.050
0.052
K6B1A_R   ON P5Q3AU                    12.422      0.081       0.081
0.082
K6B1A_R   ON P5Q3AZ                    10.753      0.055       0.055
0.057
K6B1A_R   ON P5Q3BB6                   10.353      0.060       0.060
0.061
K6B1A_R   ON P5Q3BB7                   12.076      0.072       0.072
0.073
K6B1A_R   ON P5Q3CJ                    11.076      0.052       0.052
0.054
K6B1A_R   ON P5Q3U                     10.102      0.046       0.046
0.047
K6B1A_R   ON P5Q3BC                    10.124      0.046       0.046
0.048
K6B1B_R   ON K5E1B                     12.958      0.116       0.116
0.116
K6B1C_R   ON K5E1C                     14.252      0.117       0.117
0.117
K6B1C_R   ON K6D2P_R                   11.396     -0.063      -0.063
-0.064
K6B1C_R   ON K6D2AJ_R                  11.573     -0.063      -0.063
-0.063
K6B1C_R   ON K6D61D                    12.380     -0.078      -0.078
-0.078
K6B1C_R   ON K6D61E                    12.926     -0.089      -0.089
-0.090
K6B1C_R   ON K6D61K                    10.829     -0.066      -0.066
```

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                                 -0.067
K6B1C_R  ON K6D61M              11.646    -0.091    -0.091
                                 -0.091
K6B1C_R  ON K6D40_R             16.940    -0.110    -0.110
                                 -0.111
K6B1C_R  ON K6D48_R             13.027    -0.094    -0.094
                                 -0.094
K6B1C_R  ON K6F63_R             23.120    -0.117    -0.117
                                 -0.118
K6B1C_R  ON K6F68_R             14.669    -0.110    -0.110
                                 -0.111
K6B1C_R  ON K6F74_R             13.481    -0.108    -0.108
                                 -0.109
K6B1D_R  ON K5E1D               11.287     0.116     0.116
                                  0.116
K5E1A    ON K6B1A_R             50.835     0.129     0.129
                                  0.129
K5E1A    ON K6B1B_R             59.124     0.125     0.125
                                  0.125
K5E1A    ON K6B1C_R             54.023     0.120     0.120
                                  0.120
K5E1A    ON K6B1D_R             51.353     0.140     0.140
                                  0.140
K5E1A    ON K5E1B              361.284     0.473     0.473
                                  0.473
K5E1A    ON K5E1C              356.808     0.480     0.480
                                  0.480
K5E1A    ON K5E1D              227.830     0.440     0.440
                                  0.440
K5E1A    ON K6D2AG_R           57.171    -0.106    -0.106
                                 -0.106
K5E1A    ON K6D2AI_R           47.729    -0.122    -0.122
                                 -0.123
K5E1A    ON K6D2D_R            53.654    -0.119    -0.119
                                 -0.119
K5E1A    ON K6D2J_R            55.180    -0.126    -0.126
                                 -0.126
K5E1A    ON K6D2T_R            54.295    -0.115    -0.115
                                 -0.116
K5E1A    ON K6D2AC_R           61.151    -0.100    -0.100
                                 -0.100
K5E1A    ON K6D2AK_R           54.518    -0.131    -0.131
                                 -0.131
K5E1A    ON K6D2C_R            52.818    -0.122    -0.122
                                 -0.122
K5E1A    ON K6D2N_R            60.744    -0.101    -0.101
                                 -0.102
K5E1A    ON K6D2X_R            67.927    -0.123    -0.123
                                 -0.124
K5E1A    ON K6D2A_R            24.775    -0.099    -0.099
```

-0.100
| K5E1A | ON K6D2P_R | 29.692 | -0.085 | -0.085 |
-0.086
| K5E1A | ON K6D2R_R | 29.789 | -0.102 | -0.102 |
-0.103
| K5E1A | ON K6D2Z_R | 29.758 | -0.099 | -0.099 |
-0.099
| K5E1A | ON K6D2AB_R | 26.610 | -0.092 | -0.092 |
-0.093
| K5E1A | ON K6D2AJ_R | 33.219 | -0.086 | -0.086 |
-0.087
| K5E1A | ON K6D61C | 39.271 | -0.095 | -0.095 |
-0.097
| K5E1A | ON K6D61D | 35.847 | -0.108 | -0.108 |
-0.109
| K5E1A | ON K6D61E | 40.433 | -0.125 | -0.125 |
-0.126
| K5E1A | ON K6D61K | 40.485 | -0.097 | -0.097 |
-0.099
| K5E1A | ON K6D61L | 34.220 | -0.125 | -0.125 |
-0.126
| K5E1A | ON K6D61M | 28.763 | -0.122 | -0.122 |
-0.123
| K5E1A | ON K6D40_R | 43.658 | -0.137 | -0.137 |
-0.138
| K5E1A | ON K6D48_R | 33.090 | -0.122 | -0.122 |
-0.123
| K5E1A | ON K6F63_R | 38.607 | -0.124 | -0.124 |
-0.125
| K5E1A | ON K6F68_R | 42.704 | -0.139 | -0.139 |
-0.141
| K5E1A | ON K6F74_R | 43.391 | -0.143 | -0.143 |
-0.144
| K5E1A | ON K6D2B_R | 66.489 | 0.116 | 0.116 |
0.117
| K5E1A | ON K6D2F_R | 70.126 | 0.129 | 0.129 |
0.129
| K5E1A | ON K6D2G_R | 58.808 | 0.178 | 0.178 |
0.178
| K5E1A | ON K6D2I_R | 49.280 | 0.132 | 0.132 |
0.132
| K5E1A | ON K6D2K_R | 61.913 | 0.136 | 0.136 |
0.136
| K5E1A | ON K6D2L_R | 74.911 | 0.139 | 0.139 |
0.139
| K5E1A | ON K6D2M_R | 58.687 | 0.130 | 0.130 |
0.130
| K5E1A | ON K6D2O_R | 60.618 | 0.137 | 0.137 |
0.138
| K5E1A | ON K6D2S_R | 74.573 | 0.107 | 0.107 |

```
0.108
K5E1A    ON K6D2V_R                64.837    0.139     0.139
0.139
K5E1A    ON K6D2W_R                62.599    0.124     0.124
0.124
K5E1A    ON K6D2Y_R                68.921    0.138     0.138
0.138
K5E1A    ON K6D2AA_R               67.665    0.123     0.123
0.123
K5E1A    ON K6D2AE_R               51.316    0.141     0.141
0.141
K5E1A    ON K6D2AF_R               63.437    0.138     0.138
0.139
K5E1A    ON K6D2AH_R               63.634    0.159     0.159
0.159
K5E1B    ON K6B1A_R                53.794    0.127     0.127
0.127
K5E1B    ON K6B1B_R                60.831    0.120     0.120
0.120
K5E1B    ON K6B1C_R                49.417    0.109     0.109
0.109
K5E1B    ON K6B1D_R                44.776    0.125     0.125
0.125
K5E1B    ON K5E1A                 361.279    0.473     0.473
0.473
K5E1B    ON K5E1C                 278.225    0.436     0.436
0.436
K5E1B    ON K5E1D                 155.021    0.381     0.381
0.381
K5E1B    ON K6D2AG_R               25.030   -0.067    -0.067
-0.067
K5E1B    ON K6D2AI_R               22.354   -0.080    -0.080
-0.080
K5E1B    ON K6D2D_R                23.502   -0.075    -0.075
-0.076
K5E1B    ON K6D2J_R                22.383   -0.077    -0.077
-0.077
K5E1B    ON K6D2T_R                24.628   -0.075    -0.075
-0.075
K5E1B    ON K6D2AC_R               26.773   -0.063    -0.063
-0.064
K5E1B    ON K6D2AK_R               26.387   -0.088    -0.088
-0.088
K5E1B    ON K6D2C_R                21.496   -0.075    -0.075
-0.075
K5E1B    ON K6D2N_R                24.787   -0.062    -0.062
-0.062
K5E1B    ON K6D2X_R                30.290   -0.079    -0.079
-0.079
K5E1B    ON K6D61C                 12.129   -0.050    -0.050
```

					−0.051
K5E1B	ON K6D61E	10.481	−0.061	−0.061	−0.062
K5E1B	ON K6D61K	11.646	−0.050	−0.050	−0.050
K5E1B	ON K6D61M	10.303	−0.070	−0.070	−0.071
K5E1B	ON K6D40_R	10.560	−0.064	−0.064	−0.065
K5E1B	ON K6F63_R	10.384	−0.062	−0.062	−0.062
K5E1B	ON K6F68_R	12.818	−0.073	−0.073	−0.074
K5E1B	ON K6F74_R	12.358	−0.073	−0.073	−0.074
K5E1B	ON K6D2B_R	49.058	0.096	0.096	0.096
K5E1B	ON K6D2F_R	47.613	0.102	0.102	0.102
K5E1B	ON K6D2G_R	48.974	0.155	0.155	0.155
K5E1B	ON K6D2I_R	35.659	0.108	0.108	0.108
K5E1B	ON K6D2K_R	47.097	0.113	0.113	0.113
K5E1B	ON K6D2L_R	52.091	0.111	0.111	0.111
K5E1B	ON K6D2M_R	43.424	0.107	0.107	0.107
K5E1B	ON K6D2O_R	46.305	0.114	0.114	0.115
K5E1B	ON K6D2S_R	52.757	0.086	0.086	0.087
K5E1B	ON K6D2V_R	51.108	0.118	0.118	0.118
K5E1B	ON K6D2W_R	46.895	0.102	0.102	0.103
K5E1B	ON K6D2Y_R	51.886	0.115	0.115	0.115
K5E1B	ON K6D2AA_R	48.088	0.099	0.099	0.099
K5E1B	ON K6D2AE_R	42.913	0.122	0.122	0.122
K5E1B	ON K6D2AF_R	49.960	0.117	0.117	0.118
K5E1B	ON K6D2AH_R	46.979	0.131	0.131	0.132
K5E1C	ON K6B1A_R	85.510	0.165	0.165	0.165
K5E1C	ON K6B1B_R	84.642	0.146	0.146	

```
0.146
K5E1C      ON K6B1C_R              88.427    0.150    0.150
0.150
K5E1C      ON K6B1D_R              75.077    0.167    0.167
0.167
K5E1C      ON K5E1A               356.805    0.480    0.480
0.480
K5E1C      ON K5E1B               278.229    0.436    0.436
0.436
K5E1C      ON K5E1D               407.992    0.532    0.532
0.532
K5E1C      ON K6D2AG_R             47.452   -0.096   -0.096
-0.096
K5E1C      ON K6D2AI_R             35.636   -0.104   -0.104
-0.105
K5E1C      ON K6D2D_R              41.231   -0.103   -0.103
-0.104
K5E1C      ON K6D2J_R              41.538   -0.109   -0.109
-0.109
K5E1C      ON K6D2T_R              41.524   -0.100   -0.100
-0.101
K5E1C      ON K6D2AC_R             55.448   -0.094   -0.094
-0.095
K5E1C      ON K6D2AK_R             46.609   -0.120   -0.120
-0.120
K5E1C      ON K6D2C_R              36.513   -0.101   -0.101
-0.101
K5E1C      ON K6D2N_R              48.425   -0.090   -0.090
-0.091
K5E1C      ON K6D2X_R              56.085   -0.112   -0.112
-0.112
K5E1C      ON K6D2A_R              22.189   -0.093   -0.093
-0.094
K5E1C      ON K6D2P_R              33.610   -0.089   -0.089
-0.090
K5E1C      ON K6D2R_R              24.947   -0.093   -0.093
-0.094
K5E1C      ON K6D2Z_R              24.533   -0.090   -0.090
-0.090
K5E1C      ON K6D2AB_R             29.646   -0.097   -0.097
-0.098
K5E1C      ON K6D2AJ_R             38.579   -0.093   -0.093
-0.094
K5E1C      ON K6D61C               40.794   -0.097   -0.097
-0.098
K5E1C      ON K6D61D               35.240   -0.107   -0.107
-0.108
K5E1C      ON K6D61E               42.249   -0.128   -0.128
-0.129
K5E1C      ON K6D61K               42.296   -0.099   -0.099
```

					−0.101
K5E1C	ON K6D61L	33.761	−0.125	−0.125	−0.126
K5E1C	ON K6D61M	30.954	−0.126	−0.126	−0.127
K5E1C	ON K6D40_R	40.780	−0.131	−0.131	−0.132
K5E1C	ON K6D48_R	35.241	−0.126	−0.126	−0.127
K5E1C	ON K6F63_R	42.806	−0.130	−0.130	−0.131
K5E1C	ON K6F68_R	43.388	−0.141	−0.141	−0.142
K5E1C	ON K6F74_R	41.857	−0.139	−0.139	−0.140
K5E1C	ON K6D2B_R	76.716	0.124	0.124	0.125
K5E1C	ON K6D2F_R	78.466	0.135	0.135	0.135
K5E1C	ON K6D2G_R	70.105	0.193	0.193	0.193
K5E1C	ON K6D2I_R	74.630	0.161	0.161	0.161
K5E1C	ON K6D2K_R	68.329	0.140	0.140	0.140
K5E1C	ON K6D2L_R	88.600	0.149	0.149	0.149
K5E1C	ON K6D2M_R	77.312	0.148	0.148	0.148
K5E1C	ON K6D2O_R	64.029	0.138	0.138	0.139
K5E1C	ON K6D2S_R	80.960	0.110	0.110	0.111
K5E1C	ON K6D2V_R	74.325	0.147	0.147	0.147
K5E1C	ON K6D2W_R	78.254	0.136	0.136	0.137
K5E1C	ON K6D2Y_R	84.594	0.150	0.150	0.151
K5E1C	ON K6D2AA_R	78.686	0.130	0.130	0.131
K5E1C	ON K6D2AE_R	55.302	0.143	0.143	0.144
K5E1C	ON K6D2AF_R	82.631	0.156	0.156	0.156
K5E1C	ON K6D2AH_R	69.019	0.162	0.162	0.163
K5E1C	ON P5Q3AD	13.721	0.156	0.156	0.159
K5E1C	ON P5Q3AF	10.020	0.141	0.141	

					0.144
K5E1C	ON P5Q3AR	10.511	0.153	0.153	0.155
K5E1C	ON P5Q3AX	10.481	0.173	0.173	0.177
K5E1C	ON P5Q3CK	17.509	0.259	0.259	0.267
K5E1C	ON P5Q3BB6	11.442	0.148	0.148	0.150
K5E1C	ON P5Q3BB7	11.604	0.186	0.186	0.189
K5E1D	ON K6B1A_R	55.336	0.146	0.146	0.146
K5E1D	ON K6B1B_R	42.880	0.115	0.115	0.115
K5E1D	ON K6B1C_R	52.634	0.127	0.127	0.127
K5E1D	ON K6B1D_R	52.951	0.153	0.153	0.153
K5E1D	ON K5E1A	227.826	0.440	0.440	0.440
K5E1D	ON K5E1B	155.023	0.381	0.381	0.381
K5E1D	ON K5E1C	407.990	0.532	0.532	0.532
K5E1D	ON K6D2AG_R	45.796	−0.103	−0.103	−0.104
K5E1D	ON K6D2AI_R	38.867	−0.119	−0.119	−0.120
K5E1D	ON K6D2D_R	47.576	−0.122	−0.122	−0.123
K5E1D	ON K6D2J_R	36.968	−0.112	−0.112	−0.112
K5E1D	ON K6D2T_R	48.926	−0.119	−0.119	−0.119
K5E1D	ON K6D2AC_R	50.066	−0.098	−0.098	−0.099
K5E1D	ON K6D2AK_R	50.947	−0.137	−0.137	−0.137
K5E1D	ON K6D2C_R	41.956	−0.118	−0.118	−0.119
K5E1D	ON K6D2N_R	45.819	−0.096	−0.096	−0.096
K5E1D	ON K6D2X_R	54.652	−0.119	−0.119	−0.120
K5E1D	ON K6D2A_R	25.930	−0.110	−0.110	−0.111
K5E1D	ON K6D2P_R	32.118	−0.094	−0.094	−0.095
K5E1D	ON K6D2R_R	26.396	−0.104	−0.104	

```
-0.105
K5E1D     ON K6D2Z_R                  35.106    -0.115      -0.115
-0.116
K5E1D     ON K6D2AB_R                 28.559    -0.103      -0.103
-0.104
K5E1D     ON K6D2AJ_R                 38.026    -0.100      -0.100
-0.102
K5E1D     ON K6D61C                   38.699    -0.102      -0.102
-0.104
K5E1D     ON K6D61D                   35.162    -0.117      -0.117
-0.118
K5E1D     ON K6D61E                   37.141    -0.131      -0.131
-0.132
K5E1D     ON K6D61K                   38.746    -0.103      -0.103
-0.105
K5E1D     ON K6D61L                   38.097    -0.145      -0.145
-0.146
K5E1D     ON K6D61M                   24.512    -0.122      -0.122
-0.123
K5E1D     ON K6D40_R                  39.071    -0.140      -0.140
-0.142
K5E1D     ON K6D48_R                  30.595    -0.129      -0.129
-0.130
K5E1D     ON K6F63_R                  33.674    -0.126      -0.126
-0.127
K5E1D     ON K6F68_R                  41.352    -0.150      -0.150
-0.152
K5E1D     ON K6F74_R                  37.478    -0.144      -0.144
-0.146
K5E1D     ON K6D2B_R                  48.805     0.109       0.109
0.109
K5E1D     ON K6D2F_R                  39.440     0.106       0.106
0.106
K5E1D     ON K6D2G_R                  37.333     0.154       0.154
0.154
K5E1D     ON K6D2I_R                  33.230     0.118       0.118
0.118
K5E1D     ON K6D2K_R                  37.026     0.114       0.114
0.114
K5E1D     ON K6D2L_R                  50.522     0.124       0.124
0.124
K5E1D     ON K6D2M_R                  40.127     0.117       0.117
0.117
K5E1D     ON K6D2O_R                  40.379     0.121       0.121
0.121
K5E1D     ON K6D2S_R                  42.413     0.088       0.088
0.089
K5E1D     ON K6D2V_R                  39.227     0.117       0.117
0.118
K5E1D     ON K6D2W_R                  36.562     0.102       0.102
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```
0.102
K5E1D     ON K6D2Y_R                 43.982     0.119      0.119
0.120
K5E1D     ON K6D2AA_R                44.623     0.108      0.108
0.108
K5E1D     ON K6D2AE_R                25.534     0.106      0.106
0.106
K5E1D     ON K6D2AF_R                44.224     0.126      0.126
0.126
K5E1D     ON K6D2AH_R                30.716     0.119      0.119
0.119
K6D2AG_R ON K6D2AI_R                 22.000     0.111      0.111
0.111
K6D2AG_R ON K6D2T_R                  57.182     0.171      0.171
0.171
K6D2AG_R ON K6D61C                   27.047    -0.103     -0.103
-0.105
K6D2AG_R ON K6D61D                   30.329    -0.121     -0.121
-0.121
K6D2AG_R ON K6D61E                   31.616    -0.139     -0.139
-0.140
K6D2AG_R ON K6D61K                   29.728    -0.109     -0.109
-0.111
K6D2AG_R ON K6D61L                   28.236    -0.139     -0.139
-0.139
K6D2AG_R ON K6D40_R                  19.561    -0.116     -0.116
-0.117
K6D2AG_R ON K6F63_R                  19.964    -0.108     -0.108
-0.108
K6D2AG_R ON K6F68_R                  17.651    -0.118     -0.118
-0.119
K6D2AG_R ON K6F74_R                  18.292    -0.123     -0.123
-0.123
K6D2AG_R ON K6D2G_R                  11.742     0.104      0.104
0.104
K6D2AG_R ON K6D2I_R                  10.705     0.077      0.077
0.077
K6D2AG_R ON P5Q3AA                   15.640    -0.055     -0.055
-0.057
K6D2AG_R ON P5Q3AL                   17.777    -0.074     -0.074
-0.075
K6D2AG_R ON P5Q3AP                   13.629    -0.055     -0.055
-0.057
K6D2AG_R ON P5Q3BI                   10.607    -0.072     -0.072
-0.072
K6D2AG_R ON P5Q3BZ                   11.615    -0.053     -0.053
-0.055
K6D2AG_R ON P5Q3CJ                   12.156    -0.053     -0.053
-0.055
K6D2AG_R ON P5Q30                    14.683    -0.054     -0.054
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                                        -0.056
K6D2AG_R ON P5Q3R                       11.406   -0.053   -0.053
                                        -0.054
K6D2AG_R ON P5Q3S                       15.072   -0.054   -0.054
                                        -0.056
K6D2AG_R ON P5Q3T                       15.202   -0.053   -0.053
                                        -0.055
K6D2AG_R ON P5Q3U                       16.145   -0.056   -0.056
                                        -0.058
K6D2AG_R ON P5Q3V                       18.563   -0.063   -0.063
                                        -0.065
K6D2AG_R ON P5Q3AJ                      18.104   -0.064   -0.064
                                        -0.066
K6D2AG_R ON P5Q3BC                      13.123   -0.050   -0.050
                                        -0.052
K6D2AG_R ON P5Q3BN                      11.151   -0.050   -0.050
                                        -0.051
K6D2AG_R ON P5Q3CF                      12.557   -0.050   -0.050
                                        -0.052
K6D2AG_R ON P5Q3CG                      11.569   -0.048   -0.048
                                        -0.049
K6D2AG_R ON P5Q3CH                      11.825   -0.053   -0.053
                                        -0.054
K6D2AG_R ON P5Q3CI                      13.557   -0.062   -0.062
                                        -0.063
K6D2AG_R ON P5Q3CN                      12.051   -0.055   -0.055
                                        -0.057
K6D2AG_R ON P5Q3CO                      12.809   -0.049   -0.049
                                        -0.051
K6D2AG_R ON P5Q3CQ                      14.317   -0.050   -0.050
                                        -0.052
K6D2AI_R ON K6B1A_R                     10.944    0.071    0.071
                                         0.071
K6D2AI_R ON K6B1C_R                     11.563    0.068    0.068
                                         0.067
K6D2AI_R ON K6D2AG_R                    22.004    0.111    0.111
                                         0.111
K6D2AI_R ON K6D2T_R                     15.112    0.103    0.103
                                         0.103
K6D2AI_R ON K6D2B_R                     11.192    0.069    0.069
                                         0.069
K6D2AI_R ON K6D2F_R                     12.327    0.074    0.074
                                         0.074
K6D2AI_R ON K6D2I_R                     21.997    0.113    0.113
                                         0.113
K6D2AI_R ON K6D2K_R                     15.409    0.089    0.089
                                         0.089
K6D2AI_R ON K6D2L_R                     11.216    0.082    0.082
                                         0.082
K6D2AI_R ON K6D2M_R                     26.899    0.118    0.118
```

```
0.118
K6D2AI_R ON K6D2V_R              16.387     0.095      0.095
0.095
K6D2AI_R ON K6D2W_R              13.440     0.078      0.078
0.078
K6D2AI_R ON K6D2AA_R             10.166     0.066      0.066
0.066
K6D2AI_R ON K6D2AE_R             10.307     0.076      0.076
0.076
K6D2AI_R ON P5Q3DB               10.245    -0.060     -0.060
-0.060
K6D2AI_R ON P5Q3AU               10.165    -0.069     -0.069
-0.070
K6D2AI_R ON P5Q3AA               10.983    -0.045     -0.045
-0.047
K6D2AI_R ON P5Q3AL               10.745    -0.056     -0.056
-0.058
K6D2AI_R ON P5Q3C                10.841    -0.053     -0.053
-0.054
K6D2AI_R ON P5Q3O                11.077    -0.046     -0.046
-0.048
K6D2AI_R ON P5Q3R                11.674    -0.053     -0.053
-0.054
K6D2AI_R ON P5Q3S                11.656    -0.047     -0.047
-0.048
K6D2AI_R ON P5Q3U                12.106    -0.048     -0.048
-0.049
K6D2AI_R ON P5Q3V                13.432    -0.052     -0.052
-0.054
K6D2AI_R ON P5Q3AJ               12.239    -0.051     -0.051
-0.053
K6D2AI_R ON P5Q3BC               10.369    -0.043     -0.043
-0.045
K6D2AI_R ON P5Q3BN               10.086    -0.047     -0.047
-0.048
K6D2AI_R ON P5Q3CF               10.699    -0.045     -0.045
-0.047
K6D2AI_R ON P5Q3CG               11.385    -0.046     -0.046
-0.048
K6D2AI_R ON P5Q3CH               11.649    -0.052     -0.052
-0.053
K6D2AI_R ON P5Q3CN               10.106    -0.050     -0.050
-0.051
K6D2AI_R ON P5Q3CO               11.286    -0.045     -0.045
-0.047
K6D2AI_R ON P5Q3CQ               11.053    -0.043     -0.043
-0.045
K6D2AI_R ON P5Q3CW               10.366    -0.051     -0.051
-0.052
K6D2D_R   ON K6B1A_R             12.474     0.078      0.078
```

```
0.077
K6D2D_R   ON K6D2T_R               39.776    0.157     0.157
0.157
K6D2D_R   ON K6D2AC_R              10.480   -0.095    -0.095
-0.095
K6D2D_R   ON K6D2C_R               26.580    0.127     0.127
0.127
K6D2D_R   ON K6D2R_R               11.906    0.070     0.070
0.070
K6D2D_R   ON K6D2B_R               17.273    0.086     0.086
0.086
K6D2D_R   ON K6D2F_R               25.040    0.108     0.108
0.108
K6D2D_R   ON K6D2G_R               26.491    0.162     0.162
0.162
K6D2D_R   ON K6D2I_R               35.907    0.149     0.149
0.149
K6D2D_R   ON K6D2K_R               38.747    0.146     0.146
0.146
K6D2D_R   ON K6D2L_R               23.708    0.119     0.119
0.119
K6D2D_R   ON K6D2M_R               32.124    0.131     0.131
0.131
K6D2D_R   ON K6D2O_R               12.901    0.084     0.084
0.084
K6D2D_R   ON K6D2S_R               23.305    0.089     0.089
0.089
K6D2D_R   ON K6D2V_R               35.866    0.144     0.144
0.144
K6D2D_R   ON K6D2W_R               30.619    0.121     0.121
0.121
K6D2D_R   ON K6D2Y_R               20.512    0.108     0.108
0.108
K6D2D_R   ON K6D2AA_R              28.463    0.116     0.116
0.116
K6D2D_R   ON K6D2AE_R              31.962    0.140     0.140
0.140
K6D2D_R   ON K6D2AF_R              29.299    0.138     0.138
0.138
K6D2D_R   ON K6D2AH_R              23.627    0.128     0.128
0.127
K6D2J_R   ON K6D2C_R               16.835    0.096     0.096
0.096
K6D2J_R   ON K6D2A_R               15.234    0.075     0.075
0.075
K6D2J_R   ON K6D2P_R               12.973    0.056     0.056
0.057
K6D2J_R   ON K6D2R_R               22.368    0.085     0.085
0.085
K6D2J_R   ON K6D2Z_R               14.801    0.068     0.068
```

```
0.068
K6D2J_R   ON K6D2AB_R              10.378    0.057    0.057
0.058
K6D2J_R   ON K6D2B_R               11.031    0.064    0.064
0.064
K6D2J_R   ON K6D2F_R               15.172    0.077    0.077
0.077
K6D2J_R   ON K6D2G_R               23.343    0.142    0.142
0.142
K6D2J_R   ON K6D2I_R               36.998    0.136    0.136
0.136
K6D2J_R   ON K6D2K_R               35.311    0.128    0.128
0.128
K6D2J_R   ON K6D2L_R               21.197    0.109    0.109
0.109
K6D2J_R   ON K6D2M_R               28.269    0.115    0.115
0.115
K6D2J_R   ON K6D2V_R               33.891    0.131    0.131
0.131
K6D2J_R   ON K6D2W_R               16.154    0.082    0.082
0.082
K6D2J_R   ON K6D2Y_R               13.308    0.082    0.082
0.082
K6D2J_R   ON K6D2AA_R              14.491    0.077    0.077
0.077
K6D2J_R   ON K6D2AE_R              23.351    0.107    0.107
0.107
K6D2J_R   ON K6D2AF_R              17.450    0.100    0.100
0.100
K6D2J_R   ON K6D2AH_R              13.321    0.087    0.087
0.087
K6D2T_R   ON K6D2AG_R              57.172    0.171    0.171
0.171
K6D2T_R   ON K6D2AI_R              15.104    0.103    0.103
0.102
K6D2T_R   ON K6D2D_R               39.764    0.157    0.157
0.157
K6D2T_R   ON K6D2R_R               10.923    0.068    0.068
0.068
K6D2T_R   ON K6D61K                10.079   −0.065   −0.065
−0.066
K6D2T_R   ON K6D61L                14.837   −0.104   −0.104
−0.104
K6D2T_R   ON K6D2B_R               13.363    0.077    0.077
0.077
K6D2T_R   ON K6D2F_R               20.076    0.098    0.098
0.098
K6D2T_R   ON K6D2G_R               24.621    0.162    0.162
0.162
K6D2T_R   ON K6D2I_R               25.774    0.129    0.129
```

```
0.128
K6D2T_R   ON K6D2K_R                12.361     0.082       0.082
0.082
K6D2T_R   ON K6D2L_R                24.025     0.123       0.123
0.123
K6D2T_R   ON K6D2M_R                17.803     0.098       0.098
0.098
K6D2T_R   ON K6D2O_R                12.265     0.084       0.084
0.083
K6D2T_R   ON K6D2S_R                24.785     0.094       0.094
0.094
K6D2T_R   ON K6D2V_R                16.860     0.099       0.099
0.099
K6D2T_R   ON K6D2W_R                17.236     0.091       0.091
0.091
K6D2T_R   ON K6D2Y_R                19.168     0.106       0.106
0.106
K6D2T_R   ON K6D2AA_R               18.655     0.094       0.094
0.094
K6D2T_R   ON K6D2AE_R               28.214     0.136       0.136
0.136
K6D2T_R   ON K6D2AF_R               26.300     0.133       0.133
0.133
K6D2T_R   ON K6D2AH_R               18.606     0.115       0.115
0.115
K6D2AC_R ON K6B1A_R                 29.248    −0.118      −0.118
−0.117
K6D2AC_R ON K6B1B_R                 24.313    −0.099      −0.099
−0.098
K6D2AC_R ON K6B1C_R                 29.248    −0.110      −0.110
−0.110
K6D2AC_R ON K6B1D_R                 27.382    −0.126      −0.126
−0.126
K6D2AC_R ON K6D2D_R                 10.487    −0.095      −0.095
−0.095
K6D2AC_R ON K6D2AK_R                14.329    −0.118      −0.118
−0.118
K6D2AC_R ON K6D61C                  12.191    −0.073      −0.073
−0.074
K6D2AC_R ON K6D61E                  10.470    −0.084      −0.084
−0.084
K6D2AC_R ON K6D61K                  15.105    −0.083      −0.083
−0.083
K6D2AC_R ON K6D2B_R                 84.238    −0.170      −0.170
−0.169
K6D2AC_R ON K6D2F_R                 51.491    −0.146      −0.146
−0.146
K6D2AC_R ON K6D2G_R                 25.118    −0.157      −0.157
−0.157
K6D2AC_R ON K6D2I_R                 14.910    −0.097      −0.097
```

```
-0.096
K6D2AC_R ON K6D2K_R             20.985    -0.107    -0.107
-0.106
K6D2AC_R ON K6D2L_R             60.436    -0.180    -0.180
-0.180
K6D2AC_R ON K6D2M_R             16.165    -0.094    -0.094
-0.094
K6D2AC_R ON K6D20_R             33.323    -0.133    -0.133
-0.133
K6D2AC_R ON K6D2S_R            122.491    -0.165    -0.165
-0.165
K6D2AC_R ON K6D2V_R             22.165    -0.113    -0.113
-0.113
K6D2AC_R ON K6D2W_R             33.583    -0.125    -0.125
-0.124
K6D2AC_R ON K6D2Y_R             48.797    -0.161    -0.161
-0.161
K6D2AC_R ON K6D2AA_R            60.205    -0.153    -0.153
-0.153
K6D2AC_R ON K6D2AE_R            13.175    -0.090    -0.090
-0.090
K6D2AC_R ON K6D2AF_R            33.729    -0.147    -0.147
-0.146
K6D2AC_R ON K6D2AH_R            22.484    -0.122    -0.122
-0.122
K6D2AK_R ON K5E1A               18.680    -0.131    -0.131
-0.131
K6D2AK_R ON K5E1B               11.752    -0.105    -0.105
-0.105
K6D2AK_R ON K5E1C               20.405    -0.131    -0.131
-0.130
K6D2AK_R ON K5E1D               33.225    -0.173    -0.173
-0.173
K6D2AK_R ON K6D2AC_R            14.324    -0.118    -0.118
-0.118
K6D2AK_R ON K6D2A_R            159.315     0.256     0.256
0.257
K6D2AK_R ON K6D2P_R            202.311     0.227     0.227
0.229
K6D2AK_R ON K6D2R_R            194.775     0.260     0.260
0.262
K6D2AK_R ON K6D2Z_R            185.696     0.249     0.249
0.250
K6D2AK_R ON K6D2AB_R           194.578     0.252     0.252
0.253
K6D2AK_R ON K6D2AJ_R           303.076     0.254     0.254
0.257
K6D2AK_R ON K6D61C            187.498     0.254     0.254
0.258
K6D2AK_R ON K6D61D            148.746     0.251     0.251
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0.253
K6D2AK_R ON K6D61E              172.209    0.302    0.302
0.304
K6D2AK_R ON K6D61K              184.081    0.253    0.253
0.257
K6D2AK_R ON K6D61L              161.026    0.313    0.313
0.315
K6D2AK_R ON K6D61M              141.776    0.290    0.290
0.291
K6D2AK_R ON K6D40_R             193.837    0.347    0.347
0.349
K6D2AK_R ON K6D48_R             149.114    0.298    0.298
0.300
K6D2AK_R ON K6F63_R             143.761    0.274    0.274
0.276
K6D2AK_R ON K6F68_R             243.599    0.415    0.415
0.418
K6D2AK_R ON K6F74_R             235.508    0.416    0.416
0.418
K6D2AK_R ON K6D2B_R              44.308    0.139    0.139
0.140
K6D2AK_R ON K6D2F_R              54.018    0.156    0.156
0.157
K6D2AK_R ON K6D2G_R              38.776    0.190    0.190
0.190
K6D2AK_R ON K6D2I_R              15.699    0.091    0.091
0.091
K6D2AK_R ON K6D2K_R              28.917    0.118    0.118
0.118
K6D2AK_R ON K6D2L_R              50.880    0.178    0.178
0.178
K6D2AK_R ON K6D2M_R              35.748    0.134    0.134
0.134
K6D2AK_R ON K6D2O_R              37.231    0.140    0.140
0.141
K6D2AK_R ON K6D2S_R              50.599    0.130    0.130
0.131
K6D2AK_R ON K6D2V_R              31.743    0.131    0.131
0.131
K6D2AK_R ON K6D2W_R              40.284    0.136    0.136
0.136
K6D2AK_R ON K6D2Y_R              40.807    0.151    0.151
0.151
K6D2AK_R ON K6D2AA_R             60.869    0.168    0.168
0.168
K6D2AK_R ON K6D2AE_R             43.445    0.155    0.155
0.155
K6D2AK_R ON K6D2AF_R             47.451    0.172    0.172
0.172
K6D2AK_R ON K6D2AH_R             32.357    0.142    0.142
```

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0.142
K6D2AK_R ON P5Q3M                    35.809    0.099    0.099
0.100
K6D2AK_R ON P5Q3AB                   19.763    0.093    0.093
0.094
K6D2AK_R ON P5Q3AD                   35.093    0.103    0.103
0.105
K6D2AK_R ON P5Q3AF                   34.277    0.089    0.089
0.091
K6D2AK_R ON P5Q3AH                   42.005    0.090    0.090
0.092
K6D2AK_R ON P5Q3AR                   38.201    0.107    0.107
0.109
K6D2AK_R ON P5Q3AV                   33.910    0.090    0.090
0.091
K6D2AK_R ON P5Q3AX                   38.706    0.094    0.094
0.096
K6D2AK_R ON P5Q3BQ                   23.456    0.083    0.083
0.084
K6D2AK_R ON P5Q3CK                   41.707    0.089    0.089
0.092
K6D2AK_R ON P5Q3DB                   27.725    0.094    0.094
0.095
K6D2AK_R ON P5Q3E                    30.364    0.121    0.121
0.121
K6D2AK_R ON P5Q3A0                   42.045    0.117    0.117
0.119
K6D2AK_R ON P5Q3BK                   38.970    0.105    0.105
0.107
K6D2AK_R ON P5Q3B0                   39.341    0.107    0.107
0.108
K6D2AK_R ON P5Q3CU                   35.898    0.106    0.106
0.107
K6D2AK_R ON P5Q3DA                   37.672    0.098    0.098
0.100
K6D2AK_R ON P5Q3AS                   35.525    0.109    0.109
0.111
K6D2AK_R ON P5Q3AU                   33.808    0.120    0.120
0.121
K6D2AK_R ON P5Q3AZ                   39.427    0.097    0.097
0.099
K6D2AK_R ON P5Q3BB1                  30.621    0.096    0.096
0.098
K6D2AK_R ON P5Q3BB2                  27.402    0.105    0.105
0.106
K6D2AK_R ON P5Q3BB5                  24.573    0.118    0.118
0.119
K6D2AK_R ON P5Q3BB6                  27.024    0.090    0.090
0.091
K6D2AK_R ON P5Q3BB7                  31.849    0.107    0.107
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0.108
K6D2AK_R ON P5Q3X                 71.664      0.139      0.139
0.141
K6D2AK_R ON P5Q3AA                73.865      0.112      0.112
0.116
K6D2AK_R ON P5Q3AL                75.391      0.144      0.144
0.147
K6D2AK_R ON P5Q3AP                71.409      0.119      0.119
0.122
K6D2AK_R ON P5Q3BI                49.982      0.147      0.147
0.148
K6D2AK_R ON P5Q3BZ                84.174      0.134      0.134
0.139
K6D2AK_R ON P5Q3CJ                80.717      0.128      0.128
0.132
K6D2AK_R ON P5Q3C                 67.896      0.127      0.127
0.129
K6D2AK_R ON P5Q3O                 77.607      0.118      0.118
0.123
K6D2AK_R ON P5Q3R                 67.956      0.122      0.122
0.125
K6D2AK_R ON P5Q3S                 80.645      0.117      0.117
0.121
K6D2AK_R ON P5Q3T                 76.106      0.112      0.112
0.117
K6D2AK_R ON P5Q3U                 68.410      0.109      0.109
0.113
K6D2AK_R ON P5Q3V                 77.316      0.121      0.121
0.125
K6D2AK_R ON P5Q3AJ                78.314      0.124      0.124
0.129
K6D2AK_R ON P5Q3BC                80.822      0.116      0.116
0.121
K6D2AK_R ON P5Q3BN                65.730      0.114      0.114
0.117
K6D2AK_R ON P5Q3CF                66.685      0.109      0.109
0.113
K6D2AK_R ON P5Q3CG                67.954      0.109      0.109
0.113
K6D2AK_R ON P5Q3CH                75.095      0.126      0.126
0.130
K6D2AK_R ON P5Q3CI                73.056      0.136      0.136
0.139
K6D2AK_R ON P5Q3CN                71.209      0.127      0.127
0.130
K6D2AK_R ON P5Q3CO                72.495      0.110      0.110
0.114
K6D2AK_R ON P5Q3CQ                80.982      0.112      0.112
0.117
K6D2AK_R ON P5Q3CW                71.360      0.128      0.128
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0.132
K6D2C_R  ON K6D2D_R                26.580    0.127    0.127
0.127
K6D2C_R  ON K6D2J_R                16.833    0.096    0.096
0.096
K6D2C_R  ON K6D2A_R                50.070    0.135    0.135
0.135
K6D2C_R  ON K6D2P_R                25.119    0.081    0.081
0.082
K6D2C_R  ON K6D2R_R                60.878    0.140    0.140
0.141
K6D2C_R  ON K6D2Z_R                40.927    0.116    0.116
0.116
K6D2C_R  ON K6D2AB_R               20.217    0.083    0.083
0.083
K6D2C_R  ON K6D2AJ_R               17.268    0.067    0.067
0.068
K6D2C_R  ON K6D61C                 11.635    0.065    0.065
0.066
K6D2C_R  ON K6D61K                 10.842    0.062    0.062
0.063
K6D2C_R  ON K6D61L                 10.740    0.080    0.080
0.081
K6D2C_R  ON K6D40_R                11.086    0.085    0.085
0.085
K6D2C_R  ON K6F68_R                20.559    0.122    0.122
0.123
K6D2C_R  ON K6F74_R                20.861    0.125    0.125
0.126
K6D2C_R  ON K6D2G_R                14.367    0.114    0.114
0.114
K6D2C_R  ON K6D2I_R                34.124    0.135    0.135
0.135
K6D2C_R  ON K6D2K_R                32.845    0.126    0.126
0.126
K6D2C_R  ON K6D2L_R                14.735    0.090    0.090
0.090
K6D2C_R  ON K6D2M_R                31.465    0.124    0.124
0.124
K6D2C_R  ON K6D2V_R                18.051    0.097    0.097
0.097
K6D2C_R  ON K6D2W_R                13.302    0.075    0.075
0.075
K6D2C_R  ON K6D2AA_R               10.666    0.067    0.067
0.067
K6D2C_R  ON K6D2AE_R               18.256    0.098    0.098
0.097
K6D2C_R  ON K6D2AF_R               12.742    0.088    0.088
0.088
K6D2N_R  ON K6B1C_R                10.089   -0.062   -0.062
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                                                     -0.062
K6D2N_R   ON K6B1D_R             10.968    -0.077    -0.077
                                                     -0.077
K6D2N_R   ON K6D2A_R             19.642    -0.099    -0.099
                                                     -0.099
K6D2N_R   ON K6D2P_R             22.445    -0.085    -0.085
                                                     -0.085
K6D2N_R   ON K6D2Z_R             22.466    -0.098    -0.098
                                                     -0.098
K6D2N_R   ON K6D2AB_R            20.737    -0.093    -0.093
                                                     -0.093
K6D2N_R   ON K6D2AJ_R            23.348    -0.086    -0.086
                                                     -0.086
K6D2N_R   ON K6D61C             52.884    -0.147    -0.147
                                                     -0.149
K6D2N_R   ON K6D61D             48.817    -0.156    -0.156
                                                     -0.156
K6D2N_R   ON K6D61E             53.466    -0.186    -0.186
                                                     -0.187
K6D2N_R   ON K6D61K             55.904    -0.152    -0.152
                                                     -0.154
K6D2N_R   ON K6D61L             48.382    -0.184    -0.184
                                                     -0.185
K6D2N_R   ON K6D61M             15.653    -0.103    -0.103
                                                     -0.103
K6D2N_R   ON K6D40_R             35.378    -0.160    -0.160
                                                     -0.160
K6D2N_R   ON K6D48_R             23.430    -0.125    -0.125
                                                     -0.125
K6D2N_R   ON K6F63_R             34.260    -0.143    -0.143
                                                     -0.143
K6D2N_R   ON K6F68_R             37.949    -0.179    -0.179
                                                     -0.179
K6D2N_R   ON K6F74_R             35.445    -0.177    -0.177
                                                     -0.177
K6D2N_R   ON K6D2B_R             74.468    -0.154    -0.154
                                                     -0.154
K6D2N_R   ON K6D2F_R             37.856    -0.120    -0.120
                                                     -0.120
K6D2N_R   ON K6D2G_R             19.712    -0.133    -0.133
                                                     -0.133
K6D2N_R   ON K6D2I_R             10.502    -0.077    -0.077
                                                     -0.077
K6D2N_R   ON K6D2K_R             19.025    -0.097    -0.097
                                                     -0.096
K6D2N_R   ON K6D2L_R             56.709    -0.166    -0.166
                                                     -0.165
K6D2N_R   ON K6D2M_R             18.382    -0.094    -0.094
                                                     -0.094
K6D2N_R   ON K6D20_R             34.053    -0.123    -0.123
```

```
                                                 -0.123
K6D2N_R   ON K6D2S_R              105.763     -0.152      -0.152
                                                 -0.152
K6D2N_R   ON K6D2V_R               20.304     -0.102      -0.102
                                                 -0.102
K6D2N_R   ON K6D2W_R               36.408     -0.122      -0.122
                                                 -0.122
K6D2N_R   ON K6D2Y_R               41.801     -0.143      -0.143
                                                 -0.143
K6D2N_R   ON K6D2AA_R             51.919     -0.137      -0.137
                                                 -0.137
K6D2N_R   ON K6D2AE_R             15.709     -0.092      -0.092
                                                 -0.092
K6D2N_R   ON K6D2AF_R             28.836     -0.129      -0.129
                                                 -0.128
K6D2N_R   ON K6D2AH_R             16.690     -0.100      -0.100
                                                 -0.100
K6D2X_R   ON K6B1A_R               20.706     -0.116      -0.116
                                                 -0.116
K6D2X_R   ON K6B1B_R               23.999     -0.112      -0.112
                                                 -0.111
K6D2X_R   ON K6B1C_R               24.563     -0.115      -0.115
                                                 -0.114
K6D2X_R   ON K6B1D_R               27.367     -0.144      -0.144
                                                 -0.144
K6D2X_R   ON K6D61C                15.010     -0.093      -0.093
                                                 -0.094
K6D2X_R   ON K6D61D                14.653     -0.104      -0.104
                                                 -0.104
K6D2X_R   ON K6D61E                16.949     -0.127      -0.127
                                                 -0.128
K6D2X_R   ON K6D61K                17.430     -0.101      -0.101
                                                 -0.102
K6D2X_R   ON K6D61L                15.407     -0.129      -0.129
                                                 -0.130
K6D2X_R   ON K6D40_R               11.092     -0.108      -0.108
                                                 -0.108
K6D2X_R   ON K6F63_R               11.130     -0.099      -0.099
                                                 -0.099
K6D2X_R   ON K6F68_R               11.273     -0.117      -0.117
                                                 -0.118
K6D2X_R   ON K6F74_R               11.589     -0.121      -0.121
                                                 -0.121
K6D2X_R   ON K6D2B_R              156.979     -0.231      -0.231
                                                 -0.231
K6D2X_R   ON K6D2F_R               52.362     -0.170      -0.170
                                                 -0.170
K6D2X_R   ON K6D2G_R               46.701     -0.245      -0.245
                                                 -0.244
K6D2X_R   ON K6D2I_R               24.477     -0.140      -0.140
```

```
−0.140
K6D2X_R   ON K6D2K_R                    35.339    −0.157    −0.157
−0.157
K6D2X_R   ON K6D2L_R                   100.181    −0.244    −0.244
−0.244
K6D2X_R   ON K6D2M_R                    31.901    −0.146    −0.146
−0.146
K6D2X_R   ON K6D20_R                    85.393    −0.230    −0.230
−0.229
K6D2X_R   ON K6D2S_R                    97.080    −0.165    −0.165
−0.165
K6D2X_R   ON K6D2V_R                    53.874    −0.193    −0.193
−0.193
K6D2X_R   ON K6D2W_R                    61.185    −0.178    −0.178
−0.178
K6D2X_R   ON K6D2Y_R                    73.241    −0.213    −0.213
−0.213
K6D2X_R   ON K6D2AA_R                   71.756    −0.182    −0.182
−0.182
K6D2X_R   ON K6D2AE_R                   30.057    −0.156    −0.156
−0.156
K6D2X_R   ON K6D2AF_R                   75.040    −0.233    −0.233
−0.232
K6D2X_R   ON K6D2AH_R                   48.053    −0.200    −0.200
−0.200
K6D2A_R   ON K6D2AI_R                   10.227     0.060     0.060
0.060
K6D2A_R   ON K6D2D_R                    26.015     0.089     0.089
0.089
K6D2A_R   ON K6D2J_R                    20.540     0.079     0.079
0.079
K6D2A_R   ON K6D2T_R                    13.513     0.064     0.064
0.064
K6D2A_R   ON K6D2AK_R                   31.252     0.104     0.104
0.104
K6D2A_R   ON K6D2C_R                    40.355     0.108     0.108
0.107
K6D2A_R   ON K6D2P_R                    14.250     0.088     0.088
0.089
K6D2A_R   ON K6D2R_R                    15.302     0.093     0.093
0.093
K6D2A_R   ON K6D2Z_R                    29.211     0.124     0.124
0.124
K6D2A_R   ON K6D61C                     23.717    −0.251    −0.251
−0.254
K6D2A_R   ON K6D61K                     26.523    −0.254    −0.254
−0.257
K6D2A_R   ON K6D61M                     12.407    −0.121    −0.121
−0.120
K6D2A_R   ON K6D40_R                    20.752    −0.255    −0.255
```

```
                                           -0.256
K6D2A_R  ON K6D48_R                17.494   -0.175   -0.175
-0.175
K6D2A_R  ON K6F63_R                22.133   -0.185   -0.185
-0.185
K6D2P_R  ON K6D2AG_R               17.329    0.065    0.065
0.065
K6D2P_R  ON K6D2AI_R               19.633    0.083    0.083
0.083
K6D2P_R  ON K6D2D_R                27.137    0.092    0.092
0.091
K6D2P_R  ON K6D2J_R                32.585    0.099    0.099
0.098
K6D2P_R  ON K6D2T_R                31.491    0.097    0.097
0.096
K6D2P_R  ON K6D2AC_R               18.825    0.064    0.064
0.064
K6D2P_R  ON K6D2AK_R               65.757    0.146    0.146
0.144
K6D2P_R  ON K6D2C_R                34.066    0.101    0.101
0.101
K6D2P_R  ON K6D2N_R                15.217    0.058    0.058
0.057
K6D2P_R  ON K6D2X_R                22.775    0.085    0.085
0.084
K6D2P_R  ON K6D2A_R                14.249    0.088    0.088
0.088
K6D2P_R  ON K6D2R_R                15.374    0.088    0.088
0.088
K6D2P_R  ON K6D2Z_R                34.156    0.127    0.127
0.127
K6D2P_R  ON K6D2AB_R               23.668    0.109    0.109
0.108
K6D2P_R  ON K6D2AJ_R               19.499    0.098    0.098
0.098
K6D2P_R  ON K6D61C                 70.958   -0.419   -0.419
-0.421
K6D2P_R  ON K6D61D                 28.260   -0.180   -0.180
-0.179
K6D2P_R  ON K6D61E                 15.657   -0.173   -0.173
-0.173
K6D2P_R  ON K6D61K                 70.833   -0.397   -0.397
-0.399
K6D2P_R  ON K6D61L                 10.946   -0.134   -0.134
-0.133
K6D2P_R  ON K6D40_R                19.762   -0.243   -0.243
-0.242
K6D2P_R  ON K6D48_R                18.104   -0.172   -0.172
-0.171
K6D2P_R  ON K6F63_R                31.036   -0.209   -0.209
```

```
                                             -0.209
K6D2P_R  ON K6F74_R              13.711    -0.294    -0.294
                                             -0.293
K6D2P_R  ON K6D2B_R             14.607    -0.056    -0.056
                                             -0.055
K6D2P_R  ON K6D2F_R             13.143    -0.056    -0.056
                                             -0.056
K6D2P_R  ON K6D2G_R             10.741    -0.076    -0.076
                                             -0.075
K6D2P_R  ON K6D2I_R             27.593    -0.094    -0.094
                                             -0.093
K6D2P_R  ON K6D2K_R             18.022    -0.071    -0.071
                                             -0.070
K6D2P_R  ON K6D2L_R             13.336    -0.061    -0.061
                                             -0.060
K6D2P_R  ON K6D2M_R             19.051    -0.072    -0.072
                                             -0.071
K6D2P_R  ON K6D2S_R             11.542    -0.043    -0.043
                                             -0.043
K6D2P_R  ON K6D2V_R             30.244    -0.092    -0.092
                                             -0.091
K6D2P_R  ON K6D2W_R             11.980    -0.054    -0.054
                                             -0.054
K6D2P_R  ON K6D2Y_R             14.663    -0.064    -0.064
                                             -0.064
K6D2R_R  ON K6D2AG_R           101.962     0.153     0.153
                                              0.153
K6D2R_R  ON K6D2AI_R           103.339     0.186     0.186
                                              0.186
K6D2R_R  ON K6D2D_R            112.548     0.183     0.183
                                              0.183
K6D2R_R  ON K6D2J_R             97.609     0.167     0.167
                                              0.166
K6D2R_R  ON K6D2T_R            126.439     0.188     0.188
                                              0.188
K6D2R_R  ON K6D2AC_R            85.008     0.134     0.134
                                              0.134
K6D2R_R  ON K6D2AK_R           131.835     0.205     0.205
                                              0.204
K6D2R_R  ON K6D2C_R            136.202     0.194     0.194
                                              0.193
K6D2R_R  ON K6D2N_R             77.975     0.129     0.129
                                              0.128
K6D2R_R  ON K6D2X_R             91.877     0.167     0.167
                                              0.167
K6D2R_R  ON K6D2A_R             15.301     0.093     0.093
                                              0.093
K6D2R_R  ON K6D2P_R             15.374     0.088     0.088
                                              0.089
K6D2R_R  ON K6D2Z_R             48.835     0.152     0.152
```

```
0.152
K6D2R_R  ON K6D61C                 48.280    -0.366    -0.366
-0.370
K6D2R_R  ON K6D61D                 36.893    -0.215    -0.215
-0.216
K6D2R_R  ON K6D61E                 52.756    -0.332    -0.332
-0.333
K6D2R_R  ON K6D61K                 54.390    -0.385    -0.385
-0.389
K6D2R_R  ON K6D61L                 22.051    -0.200    -0.200
-0.200
K6D2R_R  ON K6D61M                 11.745    -0.120    -0.120
-0.120
K6D2R_R  ON K6D40_R                23.848    -0.269    -0.269
-0.270
K6D2R_R  ON K6D48_R                28.250    -0.224    -0.224
-0.225
K6D2R_R  ON K6F63_R                35.964    -0.236    -0.236
-0.236
K6D2R_R  ON K6F68_R                10.669    -0.294    -0.294
-0.294
K6D2R_R  ON K6D2B_R                21.727    -0.067    -0.067
-0.067
K6D2R_R  ON K6D2F_R                16.080    -0.061    -0.061
-0.061
K6D2R_R  ON K6D2G_R                12.990    -0.083    -0.083
-0.082
K6D2R_R  ON K6D2I_R                11.523    -0.061    -0.061
-0.061
K6D2R_R  ON K6D2K_R                19.719    -0.073    -0.073
-0.072
K6D2R_R  ON K6D2L_R                18.370    -0.071    -0.071
-0.071
K6D2R_R  ON K6D2M_R                15.483    -0.064    -0.064
-0.064
K6D2R_R  ON K6D2O_R                10.277    -0.055    -0.055
-0.054
K6D2R_R  ON K6D2S_R                19.534    -0.056    -0.056
-0.055
K6D2R_R  ON K6D2V_R                21.788    -0.079    -0.079
-0.078
K6D2R_R  ON K6D2W_R                14.330    -0.058    -0.058
-0.058
K6D2R_R  ON K6D2Y_R                12.611    -0.059    -0.059
-0.059
K6D2R_R  ON K6D2AA_R               14.302    -0.057    -0.057
-0.057
K6D2R_R  ON K6D2AF_R               11.398    -0.059    -0.059
-0.059
K6D2R_R  ON K6D2AH_R               10.079    -0.061    -0.061
```

```
-0.061
K6D2R_R   ON P5Q3AA              13.673    -0.048    -0.048
-0.050
K6D2R_R   ON P5Q3AL              14.278    -0.062    -0.062
-0.063
K6D2R_R   ON P5Q3AP              11.797    -0.048    -0.048
-0.049
K6D2R_R   ON P5Q3BI              10.767    -0.067    -0.067
-0.067
K6D2R_R   ON P5Q3BZ              15.898    -0.058    -0.058
-0.060
K6D2R_R   ON P5Q3CJ              16.635    -0.058    -0.058
-0.060
K6D2R_R   ON P5Q3C               14.537    -0.058    -0.058
-0.059
K6D2R_R   ON P5Q3O               13.966    -0.050    -0.050
-0.052
K6D2R_R   ON P5Q3R               14.705    -0.057    -0.057
-0.058
K6D2R_R   ON P5Q3S               12.782    -0.047    -0.047
-0.048
K6D2R_R   ON P5Q3T               14.373    -0.049    -0.049
-0.050
K6D2R_R   ON P5Q3U               16.261    -0.053    -0.053
-0.055
K6D2R_R   ON P5Q3V               18.375    -0.059    -0.059
-0.060
K6D2R_R   ON P5Q3AJ              15.876    -0.055    -0.055
-0.057
K6D2R_R   ON P5Q3BC              15.252    -0.050    -0.050
-0.052
K6D2R_R   ON P5Q3BN              13.447    -0.051    -0.051
-0.053
K6D2R_R   ON P5Q3CF              12.952    -0.048    -0.048
-0.049
K6D2R_R   ON P5Q3CG              14.098    -0.050    -0.050
-0.051
K6D2R_R   ON P5Q3CH              17.216    -0.060    -0.060
-0.062
K6D2R_R   ON P5Q3CI              15.666    -0.062    -0.062
-0.063
K6D2R_R   ON P5Q3CN              13.055    -0.054    -0.054
-0.055
K6D2R_R   ON P5Q3CO              16.035    -0.051    -0.051
-0.053
K6D2R_R   ON P5Q3CQ              16.606    -0.051    -0.051
-0.053
K6D2R_R   ON P5Q3CW              14.103    -0.057    -0.057
-0.058
K6D2Z_R   ON K6B1A_R             20.925     0.083     0.083
```

```
0.082
K6D2Z_R   ON K6B1B_R              21.914      0.077       0.077
0.076
K6D2Z_R   ON K6B1C_R              17.574      0.070       0.070
0.070
K6D2Z_R   ON K6B1D_R              15.099      0.077       0.077
0.077
K6D2Z_R   ON K6D2AK_R             19.161      0.079       0.079
0.079
K6D2Z_R   ON K6D2C_R              13.891      0.064       0.064
0.064
K6D2Z_R   ON K6D2A_R              29.211      0.124       0.124
0.123
K6D2Z_R   ON K6D2P_R              34.159      0.127       0.127
0.128
K6D2Z_R   ON K6D2R_R              48.838      0.152       0.152
0.152
K6D2Z_R   ON K6D2AB_R             21.793      0.107       0.107
0.107
K6D2Z_R   ON K6D61C               42.106     -0.356      -0.356
-0.359
K6D2Z_R   ON K6D61D               14.305     -0.135      -0.135
-0.135
K6D2Z_R   ON K6D61E               11.146     -0.154      -0.154
-0.154
K6D2Z_R   ON K6D61K               46.378     -0.379      -0.379
-0.382
K6D2Z_R   ON K6D61L               13.038     -0.153      -0.153
-0.153
K6D2Z_R   ON K6D61M               11.526     -0.123      -0.123
-0.122
K6D2Z_R   ON K6D40_R              21.492     -0.285      -0.285
-0.286
K6D2Z_R   ON K6D48_R              29.002     -0.231      -0.231
-0.231
K6D2Z_R   ON K6F63_R              25.433     -0.201      -0.201
-0.202
K6D2Z_R   ON K6D2B_R              19.050      0.064       0.064
0.063
K6D2Z_R   ON K6D2F_R              22.077      0.073       0.073
0.072
K6D2Z_R   ON K6D2G_R              20.736      0.106       0.106
0.105
K6D2Z_R   ON K6D2I_R              12.600      0.064       0.064
0.064
K6D2Z_R   ON K6D2K_R              18.428      0.072       0.072
0.071
K6D2Z_R   ON K6D2L_R              27.833      0.089       0.089
0.089
K6D2Z_R   ON K6D2M_R              15.595      0.065       0.065
```

```
0.065
K6D2Z_R   ON K6D2O_R                24.180    0.085    0.085
0.084
K6D2Z_R   ON K6D2S_R                24.482    0.063    0.063
0.063
K6D2Z_R   ON K6D2V_R                12.496    0.060    0.060
0.060
K6D2Z_R   ON K6D2W_R                24.896    0.078    0.078
0.077
K6D2Z_R   ON K6D2Y_R                26.505    0.087    0.087
0.087
K6D2Z_R   ON K6D2AA_R               31.771    0.086    0.086
0.086
K6D2Z_R   ON K6D2AE_R               44.880    0.120    0.120
0.120
K6D2Z_R   ON K6D2AF_R               26.017    0.091    0.091
0.090
K6D2Z_R   ON K6D2AH_R               17.767    0.082    0.082
0.081
K6D2AB_R ON K6D2T_R                 12.339    0.060    0.060
0.060
K6D2AB_R ON K6D2AK_R                35.456    0.107    0.107
0.107
K6D2AB_R ON K6D2P_R                 23.672    0.109    0.109
0.109
K6D2AB_R ON K6D2Z_R                 21.794    0.107    0.107
0.107
K6D2AB_R ON K6D2AJ_R                23.662    0.113    0.113
0.114
K6D2AB_R ON K6D61C                  48.933   −0.348   −0.348
−0.352
K6D2AB_R ON K6D61D                  10.109   −0.108   −0.108
−0.108
K6D2AB_R ON K6D61E                  10.616   −0.140   −0.140
−0.140
K6D2AB_R ON K6D61K                  47.276   −0.335   −0.335
−0.338
K6D2AB_R ON K6D40_R                 15.282   −0.212   −0.212
−0.212
K6D2AB_R ON K6D48_R                 12.023   −0.140   −0.140
−0.140
K6D2AB_R ON K6F63_R                 16.315   −0.151   −0.151
−0.151
K6D2AB_R ON K6D2AE_R                18.751    0.079    0.079
0.078
K6D2AJ_R ON K6B1C_R                 15.062   −0.066   −0.066
−0.065
K6D2AJ_R ON K6B1D_R                 10.585   −0.067   −0.067
−0.066
K6D2AJ_R ON K5E1C                   13.617   −0.106   −0.106
```

```
-0.105
K6D2AJ_R ON K5E1D                   15.908    -0.120    -0.120
-0.118
K6D2AJ_R ON K6D2AG_R                32.602     0.091     0.091
0.091
K6D2AJ_R ON K6D2AI_R                42.587     0.125     0.125
0.124
K6D2AJ_R ON K6D2D_R                 32.218     0.103     0.103
0.102
K6D2AJ_R ON K6D2J_R                 35.652     0.109     0.109
0.108
K6D2AJ_R ON K6D2T_R                 41.258     0.113     0.113
0.112
K6D2AJ_R ON K6D2AC_R                30.441     0.083     0.083
0.083
K6D2AJ_R ON K6D2AK_R               175.547     0.225     0.225
0.223
K6D2AJ_R ON K6D2C_R                 36.363     0.110     0.110
0.109
K6D2AJ_R ON K6D2N_R                 28.472     0.081     0.081
0.081
K6D2AJ_R ON K6D2X_R                 33.013     0.105     0.105
0.104
K6D2AJ_R ON K6D2P_R                 19.502     0.098     0.098
0.097
K6D2AJ_R ON K6D2AB_R                23.661     0.113     0.113
0.113
K6D2AJ_R ON K6D61C                  67.413    -0.395    -0.395
-0.397
K6D2AJ_R ON K6D61D                  12.793    -0.120    -0.120
-0.120
K6D2AJ_R ON K6D61E                  13.026    -0.151    -0.151
-0.150
K6D2AJ_R ON K6D61K                  67.074    -0.393    -0.393
-0.394
K6D2AJ_R ON K6D40_R                 19.347    -0.231    -0.231
-0.230
K6D2AJ_R ON K6D48_R                 22.876    -0.197    -0.197
-0.195
K6D2AJ_R ON K6F63_R                 26.618    -0.201    -0.201
-0.200
K6D2AJ_R ON K6D2B_R                 29.766    -0.082    -0.082
-0.081
K6D2AJ_R ON K6D2F_R                 28.518    -0.084    -0.084
-0.083
K6D2AJ_R ON K6D2G_R                 24.436    -0.117    -0.117
-0.116
K6D2AJ_R ON K6D2I_R                 67.287    -0.148    -0.148
-0.147
K6D2AJ_R ON K6D2K_R                 31.050    -0.096    -0.096
```

```
-0.096
K6D2AJ_R ON K6D2L_R              31.123    -0.094    -0.094
-0.093
K6D2AJ_R ON K6D2M_R              36.530    -0.103    -0.103
-0.102
K6D2AJ_R ON K6D2O_R              18.861    -0.078    -0.078
-0.077
K6D2AJ_R ON K6D2S_R              28.161    -0.069    -0.069
-0.069
K6D2AJ_R ON K6D2V_R              46.188    -0.118    -0.118
-0.116
K6D2AJ_R ON K6D2W_R              28.080    -0.085    -0.085
-0.084
K6D2AJ_R ON K6D2Y_R              31.043    -0.096    -0.096
-0.095
K6D2AJ_R ON K6D2AA_R             18.575    -0.067    -0.067
-0.067
K6D2AJ_R ON K6D2AE_R             10.645    -0.063    -0.063
-0.062
K6D2AJ_R ON K6D2AF_R             25.919    -0.093    -0.093
-0.092
K6D2AJ_R ON K6D2AH_R             20.199    -0.090    -0.090
-0.089
K6D2AJ_R ON P5Q3M                13.154     0.061     0.061
0.061
K6D2AJ_R ON P5Q3AD               11.726     0.060     0.060
0.060
K6D2AJ_R ON P5Q3AF               16.531     0.062     0.062
0.063
K6D2AJ_R ON P5Q3AH               15.784     0.056     0.056
0.057
K6D2AJ_R ON P5Q3AR               14.104     0.066     0.066
0.066
K6D2AJ_R ON P5Q3AV               13.082     0.056     0.056
0.057
K6D2AJ_R ON P5Q3AX               14.597     0.059     0.059
0.059
K6D2AJ_R ON P5Q3CK               18.288     0.060     0.060
0.061
K6D2AJ_R ON P5Q3E                13.395     0.080     0.080
0.080
K6D2AJ_R ON P5Q3AO               15.194     0.071     0.071
0.071
K6D2AJ_R ON P5Q3BK               14.890     0.066     0.066
0.066
K6D2AJ_R ON P5Q3BO               18.887     0.075     0.075
0.075
K6D2AJ_R ON P5Q3CU               15.193     0.070     0.070
0.070
K6D2AJ_R ON P5Q3DA               18.742     0.069     0.069
```

```
0.070
K6D2AJ_R ON P5Q3AS              13.621    0.068    0.068
0.068
K6D2AJ_R ON P5Q3AU              13.435    0.077    0.077
0.077
K6D2AJ_R ON P5Q3AZ              15.529    0.061    0.061
0.062
K6D2AJ_R ON P5Q3BB1             11.814    0.061    0.061
0.061
K6D2AJ_R ON P5Q3BB2             13.229    0.074    0.074
0.074
K6D2AJ_R ON P5Q3BB6             12.321    0.061    0.061
0.061
K6D2AJ_R ON P5Q3BB7             13.019    0.069    0.069
0.069
K6D2AJ_R ON P5Q3X               11.113    0.056    0.056
0.057
K6D2AJ_R ON P5Q3AA              11.609    0.046    0.046
0.047
K6D2AJ_R ON P5Q3AL              10.406    0.055    0.055
0.056
K6D2AJ_R ON P5Q3AP              10.862    0.048    0.048
0.049
K6D2AJ_R ON P5Q3BZ              11.033    0.051    0.051
0.052
K6D2AJ_R ON P5Q3S               10.458    0.044    0.044
0.045
K6D2AJ_R ON P5Q3V               10.920    0.047    0.047
0.048
K6D61C    ON K6D2AG_R           67.218   -0.219   -0.219
-0.217
K6D61C    ON K6D2AI_R           62.317   -0.263   -0.263
-0.259
K6D61C    ON K6D2D_R            63.425   -0.240   -0.240
-0.236
K6D61C    ON K6D2J_R            71.118   -0.264   -0.264
-0.261
K6D61C    ON K6D2T_R            73.393   -0.254   -0.254
-0.251
K6D61C    ON K6D2AC_R           63.199   -0.194   -0.194
-0.192
K6D61C    ON K6D2AK_R           49.371   -0.229   -0.229
-0.226
K6D61C    ON K6D2C_R            57.580   -0.242   -0.242
-0.239
K6D61C    ON K6D2N_R            71.289   -0.210   -0.210
-0.208
K6D61C    ON K6D2X_R            60.844   -0.224   -0.224
-0.221
K6D61C    ON K6D2A_R            23.728   -0.251   -0.251
```

					-0.248
K6D61C	ON K6D2P_R	70.969	-0.419	-0.419	-0.417
K6D61C	ON K6D2R_R	48.287	-0.366	-0.366	-0.363
K6D61C	ON K6D2Z_R	42.123	-0.356	-0.356	-0.353
K6D61C	ON K6D2AB_R	48.955	-0.348	-0.348	-0.345
K6D61C	ON K6D2AJ_R	67.439	-0.395	-0.395	-0.393
K6D61C	ON K6D61K	662.389	0.697	0.697	0.697
K6D61C	ON K6D2G_R	11.463	0.127	0.127	0.125
K6D61C	ON K6D2L_R	12.674	0.093	0.093	0.092
K6D61C	ON K6D2S_R	11.206	0.068	0.068	0.067
K6D61C	ON K6D2Y_R	14.796	0.104	0.104	0.102
K6D61C	ON K6D2AA_R	14.006	0.090	0.090	0.089
K6D61C	ON K6D2AF_R	12.498	0.101	0.101	0.099
K6D61C	ON P5Q3M	12.408	-0.093	-0.093	-0.093
K6D61C	ON P5Q3AB	13.326	-0.122	-0.122	-0.121
K6D61C	ON P5Q3AD	10.631	-0.089	-0.089	-0.089
K6D61C	ON P5Q3AF	11.174	-0.080	-0.080	-0.080
K6D61C	ON P5Q3AH	12.139	-0.076	-0.076	-0.077
K6D61C	ON P5Q3AR	13.718	-0.103	-0.103	-0.103
K6D61C	ON P5Q3AV	14.264	-0.092	-0.092	-0.093
K6D61C	ON P5Q3AX	13.055	-0.087	-0.087	-0.087
K6D61C	ON P5Q3BQ	15.194	-0.108	-0.108	-0.107
K6D61C	ON P5Q3CK	14.438	-0.083	-0.083	-0.084
K6D61C	ON P5Q3DB	10.825	-0.094	-0.094	-0.094
K6D61C	ON P5Q3E	15.581	-0.139	-0.139	-0.138
K6D61C	ON P5Q3A0	13.471	-0.106	-0.106	

```
-0.106
K6D61C   ON P5Q3BK              12.992   -0.096   -0.096
-0.096
K6D61C   ON P5Q3CU              11.149   -0.093   -0.093
-0.093
K6D61C   ON P5Q3DA              10.960   -0.083   -0.083
-0.083
K6D61C   ON P5Q3AS              12.339   -0.102   -0.102
-0.101
K6D61C   ON P5Q3AU              11.816   -0.113   -0.113
-0.112
K6D61C   ON P5Q3AZ              15.399   -0.097   -0.097
-0.097
K6D61C   ON P5Q3BB1             12.392   -0.098   -0.098
-0.098
K6D61C   ON P5Q3BB2             14.220   -0.122   -0.122
-0.121
K6D61C   ON P5Q3BB6             17.580   -0.117   -0.117
-0.117
K6D61C   ON P5Q3BB7             14.070   -0.113   -0.113
-0.113
K6D61D   ON K6D2AG_R            86.005   -0.181   -0.181
-0.180
K6D61D   ON K6D2AI_R            61.395   -0.187   -0.187
-0.186
K6D61D   ON K6D2D_R             72.833   -0.190   -0.190
-0.189
K6D61D   ON K6D2J_R             50.959   -0.161   -0.161
-0.160
K6D61D   ON K6D2T_R             80.784   -0.194   -0.194
-0.193
K6D61D   ON K6D2AC_R            68.665   -0.149   -0.149
-0.148
K6D61D   ON K6D2AK_R            33.724   -0.136   -0.136
-0.135
K6D61D   ON K6D2C_R             58.986   -0.173   -0.173
-0.172
K6D61D   ON K6D2N_R             86.261   -0.170   -0.170
-0.170
K6D61D   ON K6D2X_R             79.051   -0.192   -0.192
-0.191
K6D61D   ON K6D2P_R             28.259   -0.180   -0.180
-0.180
K6D61D   ON K6D2R_R             36.892   -0.215   -0.215
-0.215
K6D61D   ON K6D2Z_R             14.307   -0.135   -0.135
-0.135
K6D61D   ON K6D2AB_R            10.112   -0.108   -0.108
-0.108
K6D61D   ON K6D2AJ_R            12.796   -0.120   -0.120
```

-0.120

K6D61D	ON K6D61E	356.334	0.512	0.512	0.512
K6D61D	ON K6D61L	223.339	0.433	0.433	0.432
K6D61D	ON K6D2B_R	47.022	0.119	0.119	0.119
K6D61D	ON K6D2F_R	37.180	0.113	0.113	0.112
K6D61D	ON K6D2G_R	28.832	0.148	0.148	0.147
K6D61D	ON K6D2I_R	29.725	0.122	0.122	0.121
K6D61D	ON K6D2K_R	61.157	0.159	0.159	0.158
K6D61D	ON K6D2L_R	43.766	0.131	0.131	0.130
K6D61D	ON K6D2M_R	57.694	0.152	0.152	0.151
K6D61D	ON K6D2O_R	41.001	0.134	0.134	0.133
K6D61D	ON K6D2S_R	37.536	0.093	0.093	0.092
K6D61D	ON K6D2V_R	43.322	0.135	0.135	0.134
K6D61D	ON K6D2W_R	48.164	0.130	0.130	0.130
K6D61D	ON K6D2Y_R	38.096	0.124	0.124	0.123
K6D61D	ON K6D2AA_R	46.360	0.122	0.122	0.121
K6D61D	ON K6D2AE_R	52.009	0.165	0.165	0.164
K6D61D	ON K6D2AF_R	37.919	0.130	0.130	0.129
K6D61D	ON K6D2AH_R	27.850	0.125	0.125	0.124
K6D61E	ON K5E1A	10.887	-0.149	-0.149	-0.148
K6D61E	ON K5E1C	14.078	-0.161	-0.161	-0.160
K6D61E	ON K5E1D	11.660	-0.153	-0.153	-0.152
K6D61E	ON K6D2AG_R	67.293	-0.203	-0.203	-0.202
K6D61E	ON K6D2AI_R	40.513	-0.192	-0.192	-0.191
K6D61E	ON K6D2D_R	53.327	-0.204	-0.204	-0.203
K6D61E	ON K6D2J_R	34.692	-0.168	-0.168	

					−0.167
K6D61E	ON K6D2T_R	59.622	−0.211	−0.211	−0.210
K6D61E	ON K6D2AC_R	53.067	−0.165	−0.165	−0.164
K6D61E	ON K6D2AK_R	28.221	−0.158	−0.158	−0.157
K6D61E	ON K6D2C_R	54.156	−0.211	−0.211	−0.209
K6D61E	ON K6D2N_R	67.494	−0.193	−0.193	−0.192
K6D61E	ON K6D2X_R	61.650	−0.217	−0.217	−0.216
K6D61E	ON K6D2P_R	15.649	−0.173	−0.173	−0.174
K6D61E	ON K6D2R_R	52.745	−0.332	−0.332	−0.331
K6D61E	ON K6D2Z_R	11.143	−0.154	−0.154	−0.153
K6D61E	ON K6D2AB_R	10.616	−0.140	−0.140	−0.140
K6D61E	ON K6D2AJ_R	13.024	−0.151	−0.151	−0.151
K6D61E	ON K6D61D	356.352	0.512	0.512	0.513
K6D61E	ON K6D61L	54.340	0.302	0.302	0.301
K6D61E	ON K6D2B_R	30.580	0.123	0.123	0.123
K6D61E	ON K6D2F_R	17.704	0.097	0.097	0.097
K6D61E	ON K6D2G_R	22.639	0.166	0.166	0.165
K6D61E	ON K6D2I_R	21.578	0.136	0.136	0.135
K6D61E	ON K6D2K_R	39.393	0.165	0.165	0.164
K6D61E	ON K6D2L_R	27.653	0.131	0.131	0.130
K6D61E	ON K6D2M_R	29.354	0.140	0.140	0.139
K6D61E	ON K6D2O_R	27.800	0.143	0.143	0.142
K6D61E	ON K6D2S_R	24.450	0.096	0.096	0.095
K6D61E	ON K6D2V_R	23.410	0.128	0.128	0.127
K6D61E	ON K6D2W_R	26.846	0.125	0.125	0.124
K6D61E	ON K6D2Y_R	23.971	0.125	0.125	

```
0.124
K6D61E    ON K6D2AA_R              27.601    0.121    0.121
0.120
K6D61E    ON K6D2AE_R              30.348    0.162    0.162
0.160
K6D61E    ON K6D2AF_R              25.693    0.137    0.137
0.136
K6D61E    ON K6D2AH_R              23.350    0.150    0.150
0.148
K6D61E    ON P5Q3M                 17.404    0.099    0.099
0.099
K6D61E    ON P5Q3AB                11.824    0.104    0.104
0.104
K6D61E    ON P5Q3AD                15.115    0.098    0.098
0.099
K6D61E    ON P5Q3AF                17.285    0.090    0.090
0.092
K6D61E    ON P5Q3AH                19.042    0.087    0.087
0.089
K6D61E    ON P5Q3AR                20.108    0.111    0.111
0.112
K6D61E    ON P5Q3AV                17.179    0.091    0.091
0.092
K6D61E    ON P5Q3AX                18.035    0.092    0.092
0.093
K6D61E    ON P5Q3BQ                13.992    0.092    0.092
0.092
K6D61E    ON P5Q3CK                20.509    0.089    0.089
0.091
K6D61E    ON P5Q3DB                10.971    0.086    0.086
0.086
K6D61E    ON P5Q3E                 16.004    0.126    0.126
0.126
K6D61E    ON P5Q3A0                15.059    0.102    0.102
0.103
K6D61E    ON P5Q3BK                14.320    0.092    0.092
0.093
K6D61E    ON P5Q3B0                18.582    0.105    0.105
0.106
K6D61E    ON P5Q3CU                16.481    0.103    0.103
0.104
K6D61E    ON P5Q3DA                17.115    0.094    0.094
0.095
K6D61E    ON P5Q3AS                14.599    0.100    0.100
0.101
K6D61E    ON P5Q3AU                12.810    0.109    0.109
0.109
K6D61E    ON P5Q3AZ                17.830    0.093    0.093
0.094
K6D61E    ON P5Q3BB1               15.316    0.099    0.099
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```
0.099
K6D61E    ON P5Q3BB2              14.333      0.110       0.110
0.110
K6D61E    ON P5Q3BB5              15.067      0.132       0.132
0.132
K6D61E    ON P5Q3BB6              16.584      0.101       0.101
0.102
K6D61E    ON P5Q3BB7              18.250      0.114       0.114
0.115
K6D61E    ON P5Q3X                34.768      0.142       0.142
0.144
K6D61E    ON P5Q3AA               40.242      0.121       0.121
0.124
K6D61E    ON P5Q3AL               36.624      0.147       0.147
0.149
K6D61E    ON P5Q3AP               35.175      0.123       0.123
0.126
K6D61E    ON P5Q3BI               29.876      0.166       0.166
0.166
K6D61E    ON P5Q3BZ               36.172      0.129       0.129
0.132
K6D61E    ON P5Q3CJ               32.794      0.121       0.121
0.124
K6D61E    ON P5Q3C                20.193      0.101       0.101
0.103
K6D61E    ON P5Q3O                35.233      0.117       0.117
0.120
K6D61E    ON P5Q3R                31.192      0.122       0.122
0.124
K6D61E    ON P5Q3S                36.332      0.115       0.115
0.119
K6D61E    ON P5Q3T                34.911      0.112       0.112
0.115
K6D61E    ON P5Q3U                27.323      0.102       0.102
0.104
K6D61E    ON P5Q3V                37.995      0.124       0.124
0.127
K6D61E    ON P5Q3AJ               40.449      0.130       0.130
0.134
K6D61E    ON P5Q3BC               36.326      0.113       0.113
0.117
K6D61E    ON P5Q3BN               29.151      0.112       0.112
0.115
K6D61E    ON P5Q3CF               30.073      0.108       0.108
0.111
K6D61E    ON P5Q3CG               30.626      0.108       0.108
0.111
K6D61E    ON P5Q3CH               27.842      0.113       0.113
0.116
K6D61E    ON P5Q3CI               31.961      0.131       0.131
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					0.133
K6D61E	ON P5Q3CN	33.491	0.129	0.129	0.131
K6D61E	ON P5Q3CO	31.965	0.108	0.108	0.111
K6D61E	ON P5Q3CQ	35.921	0.109	0.109	0.113
K6D61E	ON P5Q3CW	28.303	0.120	0.120	0.122
K6D61K	ON K6D2AG_R	83.523	-0.240	-0.240	-0.237
K6D61K	ON K6D2AI_R	75.106	-0.282	-0.282	-0.279
K6D61K	ON K6D2D_R	77.881	-0.262	-0.262	-0.259
K6D61K	ON K6D2J_R	77.104	-0.269	-0.269	-0.265
K6D61K	ON K6D2T_R	91.490	-0.276	-0.276	-0.272
K6D61K	ON K6D2AC_R	82.161	-0.218	-0.218	-0.216
K6D61K	ON K6D2AK_R	57.078	-0.241	-0.241	-0.238
K6D61K	ON K6D2C_R	66.042	-0.251	-0.251	-0.248
K6D61K	ON K6D2N_R	86.893	-0.228	-0.228	-0.226
K6D61K	ON K6D2X_R	77.919	-0.249	-0.249	-0.246
K6D61K	ON K6D2A_R	26.534	-0.254	-0.254	-0.251
K6D61K	ON K6D2P_R	70.844	-0.397	-0.397	-0.395
K6D61K	ON K6D2R_R	54.399	-0.385	-0.385	-0.381
K6D61K	ON K6D2Z_R	46.397	-0.379	-0.379	-0.376
K6D61K	ON K6D2AB_R	47.298	-0.335	-0.335	-0.332
K6D61K	ON K6D2AJ_R	67.101	-0.393	-0.393	-0.391
K6D61K	ON K6D61C	662.386	0.697	0.697	0.698
K6D61K	ON K6D2L_R	10.798	0.082	0.082	0.081
K6D61K	ON K6D2AA_R	13.572	0.087	0.087	0.086
K6D61K	ON K6D2AF_R	11.574	0.094	0.094	0.093
K6D61K	ON P5Q3M	16.061	-0.101	-0.101	

−0.101				
K6D61K	ON P5Q3AB	21.168	−0.150	−0.150
−0.148				
K6D61K	ON P5Q3AD	18.637	−0.114	−0.114
−0.114				
K6D61K	ON P5Q3AF	17.385	−0.096	−0.096
−0.097				
K6D61K	ON P5Q3AH	18.078	−0.089	−0.089
−0.090				
K6D61K	ON P5Q3AR	17.765	−0.111	−0.111
−0.111				
K6D61K	ON P5Q3AV	21.878	−0.109	−0.109
−0.110				
K6D61K	ON P5Q3AX	19.177	−0.101	−0.101
−0.102				
K6D61K	ON P5Q3BQ	17.529	−0.111	−0.111
−0.110				
K6D61K	ON P5Q3CK	20.093	−0.094	−0.094
−0.095				
K6D61K	ON P5Q3DB	17.167	−0.113	−0.113
−0.112				
K6D61K	ON P5Q3E	21.857	−0.159	−0.159
−0.157				
K6D61K	ON P5Q3A0	21.426	−0.130	−0.130
−0.130				
K6D61K	ON P5Q3BK	19.146	−0.111	−0.111
−0.111				
K6D61K	ON P5Q3B0	12.855	−0.093	−0.093
−0.093				
K6D61K	ON P5Q3CU	18.304	−0.115	−0.115
−0.115				
K6D61K	ON P5Q3DA	16.095	−0.096	−0.096
−0.097				
K6D61K	ON P5Q3AS	17.107	−0.114	−0.114
−0.114				
K6D61K	ON P5Q3AU	16.714	−0.129	−0.129
−0.128				
K6D61K	ON P5Q3AZ	21.950	−0.111	−0.111
−0.111				
K6D61K	ON P5Q3BB1	18.818	−0.114	−0.114
−0.114				
K6D61K	ON P5Q3BB2	20.157	−0.138	−0.138
−0.137				
K6D61K	ON P5Q3BB5	12.568	−0.125	−0.125
−0.124				
K6D61K	ON P5Q3BB6	22.502	−0.126	−0.126
−0.126				
K6D61K	ON P5Q3BB7	19.074	−0.125	−0.125
−0.125				
K6D61K	ON P5Q3C	10.346	−0.077	−0.077

-0.077

K6D61K	ON P5Q3R	11.182	-0.079	-0.079	-0.079
K6D61K	ON P5Q3CG	12.835	-0.075	-0.075	-0.076
K6D61K	ON P5Q3CW	10.205	-0.076	-0.076	-0.077
K6D61L	ON K6B1A_R	18.072	0.110	0.110	0.109
K6D61L	ON K6B1B_R	16.604	0.096	0.096	0.095
K6D61L	ON K6B1C_R	16.729	0.096	0.096	0.096
K6D61L	ON K6D2AG_R	76.323	-0.201	-0.201	-0.200
K6D61L	ON K6D2AI_R	60.180	-0.219	-0.219	-0.218
K6D61L	ON K6D2D_R	65.239	-0.211	-0.211	-0.210
K6D61L	ON K6D2J_R	48.114	-0.187	-0.187	-0.187
K6D61L	ON K6D2T_R	89.463	-0.241	-0.241	-0.240
K6D61L	ON K6D2AC_R	61.717	-0.166	-0.166	-0.166
K6D61L	ON K6D2AK_R	32.691	-0.160	-0.160	-0.159
K6D61L	ON K6D2C_R	42.989	-0.172	-0.172	-0.171
K6D61L	ON K6D2N_R	78.048	-0.190	-0.190	-0.190
K6D61L	ON K6D2X_R	75.295	-0.224	-0.224	-0.223
K6D61L	ON K6D2P_R	10.951	-0.134	-0.134	-0.134
K6D61L	ON K6D2R_R	22.057	-0.200	-0.200	-0.200
K6D61L	ON K6D2Z_R	13.046	-0.153	-0.153	-0.153
K6D61L	ON K6D61D	223.320	0.433	0.433	0.434
K6D61L	ON K6D61E	54.318	0.302	0.302	0.302
K6D61L	ON K6D2B_R	48.290	0.142	0.142	0.142
K6D61L	ON K6D2F_R	38.300	0.135	0.135	0.134
K6D61L	ON K6D2G_R	33.590	0.189	0.189	0.188
K6D61L	ON K6D2I_R	26.720	0.134	0.134	

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0.133
K6D61L   ON K6D2K_R              62.299     0.189      0.189
0.188
K6D61L   ON K6D2L_R              42.859     0.151      0.151
0.151
K6D61L   ON K6D2M_R              45.844     0.163      0.163
0.162
K6D61L   ON K6D2O_R              44.039     0.164      0.164
0.163
K6D61L   ON K6D2S_R              45.924     0.121      0.121
0.120
K6D61L   ON K6D2V_R              40.228     0.156      0.156
0.155
K6D61L   ON K6D2W_R              51.208     0.160      0.160
0.160
K6D61L   ON K6D2Y_R              40.196     0.151      0.151
0.150
K6D61L   ON K6D2AA_R             42.447     0.138      0.138
0.137
K6D61L   ON K6D2AE_R             52.019     0.198      0.198
0.197
K6D61L   ON K6D2AF_R             45.500     0.170      0.170
0.170
K6D61L   ON K6D2AH_R             35.053     0.166      0.166
0.165
K6D61L   ON P5Q3DB               13.520    -0.090     -0.090
-0.091
K6D61M   ON K6B1A_R              12.238    -0.074     -0.074
-0.074
K6D61M   ON K6B1B_R              26.200    -0.098     -0.098
-0.097
K6D61M   ON K6B1C_R              25.626    -0.099     -0.099
-0.098
K6D61M   ON K6B1D_R              21.779    -0.107     -0.107
-0.106
K6D61M   ON K6D2AG_R             15.544     0.075      0.075
0.075
K6D61M   ON K6D2J_R              17.384     0.093      0.093
0.093
K6D61M   ON K6D2AC_R             19.832     0.079      0.079
0.079
K6D61M   ON K6D2AK_R             24.083     0.112      0.112
0.112
K6D61M   ON K6D2N_R              14.668     0.068      0.068
0.068
K6D61M   ON K6D2X_R              14.262     0.079      0.079
0.079
K6D61M   ON K6D2A_R              12.408    -0.121     -0.121
-0.121
K6D61M   ON K6D2R_R              11.745    -0.120     -0.120
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-0.120
K6D61M    ON K6D2Z_R               11.528   -0.123   -0.123
-0.123
K6D61M    ON K6D2B_R               49.474   -0.119   -0.119
-0.119
K6D61M    ON K6D2F_R               43.061   -0.119   -0.119
-0.119
K6D61M    ON K6D2G_R               27.603   -0.142   -0.142
-0.142
K6D61M    ON K6D2I_R               71.860   -0.181   -0.181
-0.180
K6D61M    ON K6D2K_R               50.655   -0.141   -0.141
-0.140
K6D61M    ON K6D2L_R               43.597   -0.126   -0.126
-0.126
K6D61M    ON K6D2M_R               58.064   -0.149   -0.149
-0.149
K6D61M    ON K6D2O_R               37.196   -0.125   -0.125
-0.125
K6D61M    ON K6D2S_R               54.406   -0.109   -0.109
-0.109
K6D61M    ON K6D2V_R               54.624   -0.147   -0.147
-0.146
K6D61M    ON K6D2W_R               51.599   -0.130   -0.130
-0.129
K6D61M    ON K6D2Y_R               55.677   -0.144   -0.144
-0.144
K6D61M    ON K6D2AA_R              37.328   -0.108   -0.108
-0.108
K6D61M    ON K6D2AE_R              36.714   -0.135   -0.135
-0.135
K6D61M    ON K6D2AF_R              39.708   -0.130   -0.130
-0.130
K6D61M    ON K6D2AH_R              38.320   -0.144   -0.144
-0.144
K6D40_R   ON K6B1B_R               11.203   -0.101   -0.101
-0.100
K6D40_R   ON K6B1C_R               12.268   -0.105   -0.105
-0.104
K6D40_R   ON K5E1A                 22.967   -0.275   -0.275
-0.273
K6D40_R   ON K5E1C                 20.342   -0.235   -0.235
-0.233
K6D40_R   ON K5E1D                 25.186   -0.279   -0.279
-0.276
K6D40_R   ON K6D2A_R               20.758   -0.255   -0.255
-0.254
K6D40_R   ON K6D2P_R               19.765   -0.243   -0.243
-0.243
K6D40_R   ON K6D2R_R               23.851   -0.269   -0.269
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-0.269
K6D40_R   ON K6D2Z_R                 21.501    -0.285    -0.285
-0.285
K6D40_R   ON K6D2AB_R                15.291    -0.212    -0.212
-0.212
K6D40_R   ON K6D2AJ_R                19.356    -0.231    -0.231
-0.232
K6D40_R   ON K6D48_R                 42.878     0.321     0.321
0.320
K6D40_R   ON K6F63_R                 72.665     0.373     0.373
0.373
K6D40_R   ON K6F68_R                 12.750     0.278     0.278
0.278
K6D40_R   ON K6F74_R                 14.077     0.279     0.279
0.279
K6D40_R   ON K6D2B_R                 10.738    -0.086    -0.086
-0.086
K6D40_R   ON K6D2F_R                 10.287    -0.091    -0.091
-0.090
K6D40_R   ON K6D2I_R                 19.689    -0.144    -0.144
-0.143
K6D40_R   ON K6D2K_R                 11.851    -0.108    -0.108
-0.107
K6D40_R   ON K6D2L_R                 12.529    -0.103    -0.103
-0.102
K6D40_R   ON K6D2M_R                 17.438    -0.124    -0.124
-0.123
K6D40_R   ON K6D2S_R                 12.286    -0.079    -0.079
-0.079
K6D40_R   ON K6D2AH_R                12.359    -0.127    -0.127
-0.126
K6D40_R   ON P5Q3M                   47.373     0.196     0.196
0.198
K6D40_R   ON P5Q3AB                  28.400     0.193     0.193
0.193
K6D40_R   ON P5Q3AD                  48.739     0.210     0.210
0.212
K6D40_R   ON P5Q3AF                  59.033     0.196     0.196
0.199
K6D40_R   ON P5Q3AH                  56.074     0.178     0.178
0.181
K6D40_R   ON P5Q3AR                  48.146     0.205     0.205
0.206
K6D40_R   ON P5Q3AV                  47.791     0.184     0.184
0.186
K6D40_R   ON P5Q3AX                  52.739     0.189     0.189
0.192
K6D40_R   ON P5Q3BQ                  43.864     0.194     0.194
0.195
K6D40_R   ON P5Q3CK                  57.406     0.179     0.179
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0.182
K6D40_R   ON P5Q3DB                  48.466    0.216    0.216
0.217
K6D40_R   ON P5Q3E                   47.420    0.259    0.259
0.259
K6D40_R   ON P5Q3A0                  46.887    0.216    0.216
0.217
K6D40_R   ON P5Q3BK                  48.687    0.204    0.204
0.206
K6D40_R   ON P5Q3B0                  54.561    0.216    0.216
0.217
K6D40_R   ON P5Q3CU                  50.709    0.215    0.215
0.217
K6D40_R   ON P5Q3DA                  52.656    0.197    0.197
0.200
K6D40_R   ON P5Q3AS                  52.155    0.228    0.228
0.229
K6D40_R   ON P5Q3AU                  50.591    0.256    0.256
0.256
K6D40_R   ON P5Q3AZ                  53.472    0.194    0.194
0.196
K6D40_R   ON P5Q3BB1                 49.338    0.211    0.211
0.213
K6D40_R   ON P5Q3BB2                 43.989    0.229    0.229
0.230
K6D40_R   ON P5Q3BB5                 44.953    0.276    0.276
0.276
K6D40_R   ON P5Q3BB6                 50.276    0.210    0.210
0.211
K6D40_R   ON P5Q3BB7                 52.340    0.234    0.234
0.236
K6D40_R   ON P5Q3X                   54.686    0.217    0.217
0.220
K6D40_R   ON P5Q3AA                  60.692    0.181    0.181
0.186
K6D40_R   ON P5Q3AL                  61.074    0.226    0.226
0.229
K6D40_R   ON P5Q3AP                  62.238    0.195    0.195
0.200
K6D40_R   ON P5Q3BI                  47.438    0.258    0.258
0.258
K6D40_R   ON P5Q3BZ                  63.769    0.205    0.205
0.211
K6D40_R   ON P5Q3CJ                  67.787    0.204    0.204
0.210
K6D40_R   ON P5Q3C                   61.249    0.209    0.209
0.212
K6D40_R   ON P5Q30                   58.116    0.180    0.180
0.185
K6D40_R   ON P5Q3R                   51.732    0.192    0.192
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0.196
K6D40_R   ON P5Q3S                    60.497      0.180       0.180
0.185
K6D40_R   ON P5Q3T                    58.605      0.176       0.176
0.181
K6D40_R   ON P5Q3U                    57.571      0.176       0.176
0.180
K6D40_R   ON P5Q3V                    54.233      0.180       0.180
0.184
K6D40_R   ON P5Q3AJ                   63.901      0.197       0.197
0.202
K6D40_R   ON P5Q3BC                   64.669      0.182       0.182
0.189
K6D40_R   ON P5Q3BN                   62.958      0.195       0.195
0.199
K6D40_R   ON P5Q3CF                   57.268      0.179       0.179
0.184
K6D40_R   ON P5Q3CG                   58.271      0.177       0.177
0.182
K6D40_R   ON P5Q3CH                   61.464      0.200       0.200
0.205
K6D40_R   ON P5Q3CI                   55.387      0.209       0.209
0.213
K6D40_R   ON P5Q3CN                   56.170      0.199       0.199
0.203
K6D40_R   ON P5Q3CO                   64.077      0.181       0.181
0.186
K6D40_R   ON P5Q3CQ                   65.348      0.176       0.176
0.183
K6D40_R   ON P5Q3CW                   53.366      0.198       0.198
0.202
K6D48_R   ON K6D2A_R                  17.493     −0.175      −0.175
−0.174
K6D48_R   ON K6D2P_R                  18.100     −0.172      −0.172
−0.172
K6D48_R   ON K6D2R_R                  28.246     −0.224      −0.224
−0.224
K6D48_R   ON K6D2Z_R                  29.001     −0.231      −0.231
−0.231
K6D48_R   ON K6D2AB_R                 12.024     −0.140      −0.140
−0.140
K6D48_R   ON K6D2AJ_R                 22.876     −0.197      −0.197
−0.198
K6D48_R   ON K6D40_R                  42.888      0.321       0.321
0.321
K6D48_R   ON K6F63_R                 198.400      0.451       0.451
0.451
K6D48_R   ON K6F68_R                  17.572      0.313       0.313
0.314
K6D48_R   ON K6F74_R                  24.915      0.336       0.336
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0.337
K6D48_R  ON K6D2I_R            12.088   -0.087   -0.087
-0.086
K6D48_R  ON P5Q3M              19.747   -0.100   -0.100
-0.101
K6D48_R  ON P5Q3AB             18.242   -0.121   -0.121
-0.121
K6D48_R  ON P5Q3AD             15.956   -0.094   -0.094
-0.094
K6D48_R  ON P5Q3AF             13.752   -0.075   -0.075
-0.077
K6D48_R  ON P5Q3AH             19.220   -0.082   -0.082
-0.084
K6D48_R  ON P5Q3AR             17.708   -0.098   -0.098
-0.099
K6D48_R  ON P5Q3AV             16.398   -0.083   -0.083
-0.084
K6D48_R  ON P5Q3AX             18.202   -0.087   -0.087
-0.089
K6D48_R  ON P5Q3BQ             16.268   -0.094   -0.094
-0.095
K6D48_R  ON P5Q3CK             19.775   -0.083   -0.083
-0.085
K6D48_R  ON P5Q3DB             13.460   -0.088   -0.088
-0.089
K6D48_R  ON P5Q3E              12.772   -0.104   -0.104
-0.104
K6D48_R  ON P5Q3A0             17.872   -0.104   -0.104
-0.105
K6D48_R  ON P5Q3BK             17.389   -0.095   -0.095
-0.096
K6D48_R  ON P5Q3B0             13.383   -0.084   -0.084
-0.085
K6D48_R  ON P5Q3CU             16.794   -0.097   -0.097
-0.098
K6D48_R  ON P5Q3DA             16.514   -0.087   -0.087
-0.088
K6D48_R  ON P5Q3AS             12.886   -0.088   -0.088
-0.089
K6D48_R  ON P5Q3AU             19.455   -0.125   -0.125
-0.125
K6D48_R  ON P5Q3AZ             15.349   -0.081   -0.081
-0.082
K6D48_R  ON P5Q3BB1            19.554   -0.104   -0.104
-0.105
K6D48_R  ON P5Q3BB2            15.739   -0.107   -0.107
-0.108
K6D48_R  ON P5Q3BB5            15.300   -0.126   -0.126
-0.126
K6D48_R  ON P5Q3BB6            19.680   -0.103   -0.103
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-0.104
K6D48_R   ON P5Q3BB7              19.270    -0.112    -0.112
-0.113
K6D48_R   ON P5Q3X               17.258    -0.096    -0.096
-0.097
K6D48_R   ON P5Q3AA              19.474    -0.081    -0.081
-0.084
K6D48_R   ON P5Q3AL              21.270    -0.108    -0.108
-0.109
K6D48_R   ON P5Q3AP              24.206    -0.097    -0.097
-0.100
K6D48_R   ON P5Q3BI              16.019    -0.117    -0.117
-0.117
K6D48_R   ON P5Q3BZ              22.903    -0.099    -0.099
-0.102
K6D48_R   ON P5Q3CJ              16.916    -0.082    -0.082
-0.084
K6D48_R   ON P5Q3C               15.112    -0.083    -0.083
-0.084
K6D48_R   ON P5Q3O               22.146    -0.089    -0.089
-0.092
K6D48_R   ON P5Q3R               21.098    -0.096    -0.096
-0.098
K6D48_R   ON P5Q3S               20.456    -0.083    -0.083
-0.086
K6D48_R   ON P5Q3T               22.365    -0.086    -0.086
-0.089
K6D48_R   ON P5Q3U               22.137    -0.087    -0.087
-0.089
K6D48_R   ON P5Q3V               23.598    -0.093    -0.093
-0.096
K6D48_R   ON P5Q3AJ              21.636    -0.092    -0.092
-0.095
K6D48_R   ON P5Q3BC              19.938    -0.081    -0.081
-0.084
K6D48_R   ON P5Q3BN              18.272    -0.084    -0.084
-0.086
K6D48_R   ON P5Q3CF              22.647    -0.089    -0.089
-0.092
K6D48_R   ON P5Q3CG              22.933    -0.089    -0.089
-0.092
K6D48_R   ON P5Q3CH              18.747    -0.088    -0.088
-0.090
K6D48_R   ON P5Q3CI              20.188    -0.099    -0.099
-0.102
K6D48_R   ON P5Q3CN              21.436    -0.099    -0.099
-0.101
K6D48_R   ON P5Q3C0              17.777    -0.076    -0.076
-0.078
K6D48_R   ON P5Q3CQ              23.091    -0.084    -0.084
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				−0.088
K6D48_R	ON P5Q3CW	20.019	−0.095	−0.095
				−0.097
K6F63_R	ON K6B1C_R	14.201	−0.080	−0.080
				−0.079
K6F63_R	ON K6D2AI_R	11.098	−0.087	−0.087
				−0.086
K6F63_R	ON K6D2D_R	11.550	−0.082	−0.082
				−0.082
K6F63_R	ON K6D2T_R	13.404	−0.086	−0.086
				−0.086
K6F63_R	ON K6D2A_R	22.135	−0.185	−0.185
				−0.184
K6F63_R	ON K6D2P_R	31.034	−0.209	−0.209
				−0.210
K6F63_R	ON K6D2R_R	35.963	−0.236	−0.236
				−0.235
K6F63_R	ON K6D2Z_R	25.435	−0.201	−0.201
				−0.201
K6F63_R	ON K6D2AB_R	16.318	−0.151	−0.151
				−0.151
K6F63_R	ON K6D2AJ_R	26.621	−0.201	−0.201
				−0.202
K6F63_R	ON K6D40_R	72.671	0.373	0.373
				0.374
K6F63_R	ON K6D48_R	198.392	0.451	0.451
				0.451
K6F63_R	ON K6F68_R	10.144	0.257	0.257
				0.258
K6F68_R	ON K6D2R_R	10.667	−0.294	−0.294
				−0.293
K6F68_R	ON K6D40_R	12.756	0.278	0.278
				0.278
K6F68_R	ON K6D48_R	17.567	0.313	0.313
				0.312
K6F68_R	ON K6F63_R	10.145	0.257	0.257
				0.257
K6F68_R	ON K6F74_R	42.658	0.451	0.451
				0.450
K6F68_R	ON K6D2I_R	15.201	−0.205	−0.205
				−0.203
K6F68_R	ON K6D2M_R	11.420	−0.160	−0.160
				−0.159
K6F74_R	ON K6D2P_R	13.711	−0.294	−0.294
				−0.294
K6F74_R	ON K6D40_R	14.080	0.279	0.279
				0.279
K6F74_R	ON K6D48_R	24.908	0.336	0.336
				0.335
K6F74_R	ON K6F68_R	42.654	0.451	0.451

```
0.451
K6F74_R   ON K6D2I_R                10.550    −0.153    −0.153
−0.151
K6D2B_R   ON K6D2AG_R               47.741    −0.136    −0.136
−0.136
K6D2B_R   ON K6D2AI_R               28.592    −0.131    −0.131
−0.131
K6D2B_R   ON K6D2D_R                40.041    −0.146    −0.146
−0.146
K6D2B_R   ON K6D2J_R                35.171    −0.137    −0.137
−0.137
K6D2B_R   ON K6D2T_R                40.412    −0.143    −0.143
−0.143
K6D2B_R   ON K6D2AC_R               86.088    −0.159    −0.159
−0.159
K6D2B_R   ON K6D2AK_R               22.191    −0.120    −0.120
−0.119
K6D2B_R   ON K6D2C_R                31.316    −0.127    −0.127
−0.127
K6D2B_R   ON K6D2N_R                81.396    −0.155    −0.155
−0.156
K6D2B_R   ON K6D2X_R               137.657    −0.213    −0.213
−0.213
K6D2B_R   ON K6D2P_R                11.079    −0.059    −0.059
−0.060
K6D2B_R   ON K6D2R_R                11.386    −0.073    −0.073
−0.073
K6D2B_R   ON K6D2AJ_R               10.406    −0.056    −0.056
−0.057
K6D2B_R   ON K6D61C                 13.382    −0.066    −0.066
−0.067
K6D2B_R   ON K6D61K                 12.251    −0.063    −0.063
−0.064
K6D2B_R   ON K6D61M                 15.158    −0.101    −0.101
−0.101
K6D2B_R   ON K6D40_R                15.388    −0.097    −0.097
−0.097
K6D2B_R   ON K6D48_R                16.438    −0.100    −0.100
−0.100
K6D2B_R   ON K6F63_R                10.476    −0.075    −0.075
−0.076
K6D2B_R   ON K6F68_R                17.517    −0.107    −0.107
−0.108
K6D2B_R   ON K6F74_R                17.270    −0.110    −0.110
−0.110
K6D2B_R   ON K6D2I_R                11.601    −0.117    −0.117
−0.117
K6D2B_R   ON K6D2K_R                14.923    −0.129    −0.129
−0.129
K6D2B_R   ON K6D2M_R                18.243    −0.145    −0.145
```

```
                                         -0.145
K6D2B_R  ON K6D2V_R                      14.601    -0.136    -0.136
-0.136
K6D2F_R  ON K6B1A_R                      10.075     0.069     0.069
0.068
K6D2F_R  ON K5E1A                        11.899     0.109     0.109
0.109
K6D2F_R  ON K5E1C                        11.317     0.102     0.102
0.101
K6D2F_R  ON P5Q3B0                       10.142    -0.056    -0.056
-0.056
K6D2F_R  ON P5Q3BB5                      10.995    -0.081    -0.081
-0.081
K6D2G_R  ON K6B1A_R                      44.983     0.170     0.170
0.170
K6D2G_R  ON K6B1B_R                      14.882     0.098     0.098
0.098
K6D2G_R  ON K6B1C_R                      12.718     0.091     0.091
0.091
K6D2G_R  ON K6B1D_R                      14.807     0.116     0.116
0.116
K6D2G_R  ON K6D2AG_R                     18.496     0.107     0.107
0.107
K6D2G_R  ON K6D2D_R                      13.234     0.102     0.102
0.102
K6D2G_R  ON K6D2J_R                      14.522     0.107     0.107
0.108
K6D2G_R  ON K6D2T_R                      15.847     0.111     0.111
0.112
K6D2G_R  ON K6D2AK_R                     12.856     0.105     0.105
0.106
K6D2G_R  ON K6D2C_R                      11.115     0.094     0.094
0.094
K6D2G_R  ON K6D2N_R                      10.117     0.074     0.074
0.074
K6D2G_R  ON K6D2AF_R                     18.176     0.166     0.166
0.167
K6D2I_R  ON K6D2AG_R                     12.778     0.068     0.068
0.069
K6D2I_R  ON K6D2AI_R                     15.334     0.089     0.089
0.089
K6D2I_R  ON K6D2D_R                      16.114     0.088     0.088
0.088
K6D2I_R  ON K6D2J_R                      22.138     0.100     0.100
0.100
K6D2I_R  ON K6D2T_R                      13.337     0.079     0.079
0.079
K6D2I_R  ON K6D2C_R                      23.725     0.105     0.105
0.105
K6D2I_R  ON K6D2X_R                      10.721     0.071     0.071
```

```
0.071
K6D2I_R  ON K6D2A_R                    15.002    -0.073    -0.073
-0.073
K6D2I_R  ON K6D2P_R                    42.163    -0.097    -0.097
-0.098
K6D2I_R  ON K6D2R_R                    16.765    -0.074    -0.074
-0.074
K6D2I_R  ON K6D2Z_R                    16.604    -0.070    -0.070
-0.071
K6D2I_R  ON K6D2AB_R                   30.172    -0.093    -0.093
-0.094
K6D2I_R  ON K6D2AJ_R                   59.502    -0.111    -0.111
-0.112
K6D2I_R  ON K6D61C                     41.146    -0.098    -0.098
-0.100
K6D2I_R  ON K6D61D                     22.990    -0.087    -0.087
-0.088
K6D2I_R  ON K6D61E                     27.581    -0.107    -0.107
-0.108
K6D2I_R  ON K6D61K                     44.679    -0.103    -0.103
-0.105
K6D2I_R  ON K6D61L                     26.772    -0.111    -0.111
-0.111
K6D2I_R  ON K6D61M                     58.594    -0.168    -0.168
-0.168
K6D2I_R  ON K6D40_R                    47.064    -0.141    -0.141
-0.142
K6D2I_R  ON K6D48_R                    41.927    -0.136    -0.136
-0.137
K6D2I_R  ON K6F63_R                    37.083    -0.121    -0.121
-0.122
K6D2I_R  ON K6F68_R                    46.762    -0.151    -0.151
-0.152
K6D2I_R  ON K6F74_R                    45.152    -0.150    -0.150
-0.151
K6D2I_R  ON K6D2B_R                    11.594    -0.117    -0.117
-0.118
K6D2I_R  ON K6D2K_R                    55.426     0.183     0.183
0.183
K6D2I_R  ON K6D2M_R                    61.259     0.193     0.193
0.193
K6D2I_R  ON K6D2S_R                    11.524    -0.107    -0.107
-0.108
K6D2I_R  ON K6D2V_R                    66.457     0.205     0.205
0.205
K6D2K_R  ON K6B1A_R                    10.910    -0.075    -0.075
-0.075
K6D2K_R  ON K6B1C_R                    13.307    -0.079    -0.079
-0.079
K6D2K_R  ON K6B1D_R                    17.978    -0.109    -0.109
```

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                                                    −0.109
K6D2K_R   ON K6D2AG_R              12.344      0.067      0.067
0.067
K6D2K_R   ON K6D2AI_R              18.881      0.098      0.098
0.098
K6D2K_R   ON K6D2D_R               29.800      0.120      0.120
0.120
K6D2K_R   ON K6D2J_R               32.468      0.124      0.124
0.124
K6D2K_R   ON K6D2T_R               12.492      0.074      0.074
0.074
K6D2K_R   ON K6D2AC_R              17.635      0.076      0.076
0.076
K6D2K_R   ON K6D2AK_R              12.637      0.079      0.079
0.079
K6D2K_R   ON K6D2C_R               35.989      0.131      0.131
0.131
K6D2K_R   ON K6D2N_R               15.323      0.070      0.070
0.071
K6D2K_R   ON K6D2X_R               19.516      0.095      0.095
0.095
K6D2K_R   ON K6D61D                13.751      0.068      0.068
0.069
K6D2K_R   ON K6D61E                10.341      0.066      0.066
0.067
K6D2K_R   ON K6D61L                13.950      0.082      0.082
0.082
K6D2K_R   ON K6D2B_R               14.921     −0.129     −0.129
−0.129
K6D2K_R   ON K6D2I_R               55.420      0.183      0.183
0.183
K6D2K_R   ON K6D2M_R              334.338      0.360      0.360
0.360
K6D2K_R   ON K6D2S_R               29.838     −0.171     −0.171
−0.171
K6D2K_R   ON K6D2V_R               30.252      0.147      0.147
0.147
K6D2K_R   ON K6D2Y_R               10.213     −0.111     −0.111
−0.111
K6D2K_R   ON K6D2AA_R              13.457     −0.113     −0.113
−0.113
K6D2L_R   ON K6D2X_R               15.162     −0.098     −0.098
−0.098
K6D2L_R   ON K6D2Y_R               13.368      0.128      0.128
0.128
K6D2L_R   ON K6D2AF_R              10.671      0.120      0.120
0.120
K6D2M_R   ON K6B1D_R               10.787     −0.085     −0.085
−0.085
K6D2M_R   ON K6D2AG_R              19.984      0.086      0.086
```

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0.086
K6D2M_R   ON K6D2AI_R              32.217      0.131      0.131
0.131
K6D2M_R   ON K6D2D_R               24.705      0.110      0.110
0.110
K6D2M_R   ON K6D2J_R               26.055      0.113      0.113
0.113
K6D2M_R   ON K6D2T_R               17.642      0.090      0.090
0.090
K6D2M_R   ON K6D2AC_R              24.297      0.091      0.091
0.091
K6D2M_R   ON K6D2AK_R              16.815      0.095      0.095
0.095
K6D2M_R   ON K6D2C_R               35.356      0.132      0.132
0.132
K6D2M_R   ON K6D2N_R               17.156      0.075      0.075
0.076
K6D2M_R   ON K6D2X_R               22.853      0.103      0.103
0.104
K6D2M_R   ON K6D2B_R               18.240     -0.145     -0.145
-0.146
K6D2M_R   ON K6D2I_R               61.254      0.193      0.193
0.193
K6D2M_R   ON K6D2K_R              334.340      0.360      0.360
0.360
K6D2M_R   ON K6D2S_R               34.405     -0.184     -0.184
-0.185
K6D2M_R   ON K6D2V_R               29.477      0.143      0.143
0.143
K6D2M_R   ON K6D2AA_R              14.076     -0.117     -0.117
-0.117
K6D2O_R   ON K6D2W_R               11.534      0.088      0.088
0.088
K6D2O_R   ON K6D2AE_R              10.001      0.083      0.083
0.083
K6D2S_R   ON K6D2AG_R              66.242     -0.149     -0.149
-0.148
K6D2S_R   ON K6D2AI_R              44.170     -0.147     -0.147
-0.147
K6D2S_R   ON K6D2D_R               46.680     -0.150     -0.150
-0.149
K6D2S_R   ON K6D2J_R               55.403     -0.161     -0.161
-0.161
K6D2S_R   ON K6D2T_R               39.385     -0.136     -0.136
-0.135
K6D2S_R   ON K6D2AC_R             153.587     -0.184     -0.184
-0.184
K6D2S_R   ON K6D2AK_R              26.203     -0.122     -0.122
-0.121
K6D2S_R   ON K6D2C_R               55.592     -0.160     -0.160
```

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                                        -0.160
K6D2S_R  ON K6D2N_R                      142.177     -0.182     -0.182
                                        -0.182
K6D2S_R  ON K6D2X_R                      107.030     -0.183     -0.183
                                        -0.183
K6D2S_R  ON K6D2P_R                       10.296     -0.055     -0.055
                                        -0.055
K6D2S_R  ON K6D2R_R                       11.683     -0.070     -0.070
                                        -0.070
K6D2S_R  ON K6D2AJ_R                      12.136     -0.058     -0.058
                                        -0.058
K6D2S_R  ON K6D61C                        16.089     -0.070     -0.070
                                        -0.070
K6D2S_R  ON K6D61D                        13.177     -0.073     -0.073
                                        -0.073
K6D2S_R  ON K6D61E                        14.930     -0.086     -0.086
                                        -0.087
K6D2S_R  ON K6D61K                        17.100     -0.072     -0.072
                                        -0.073
K6D2S_R  ON K6D61M                        24.484     -0.121     -0.121
                                        -0.121
K6D2S_R  ON K6D40_R                       22.226     -0.110     -0.110
                                        -0.110
K6D2S_R  ON K6D48_R                       20.654     -0.106     -0.106
                                        -0.107
K6D2S_R  ON K6F63_R                       24.349     -0.108     -0.108
                                        -0.108
K6D2S_R  ON K6F68_R                       23.589     -0.120     -0.120
                                        -0.120
K6D2S_R  ON K6F74_R                       23.023     -0.121     -0.121
                                        -0.122
K6D2S_R  ON K6D2I_R                       11.528     -0.107     -0.107
                                        -0.107
K6D2S_R  ON K6D2K_R                       29.836     -0.171     -0.171
                                        -0.170
K6D2S_R  ON K6D2M_R                       34.404     -0.184     -0.184
                                        -0.184
K6D2S_R  ON K6D2V_R                       24.967     -0.157     -0.157
                                        -0.156
K6D2V_R  ON K5E1B                         10.374      0.108      0.108
                                         0.108
K6D2V_R  ON K5E1C                         10.890      0.105      0.105
                                         0.104
K6D2V_R  ON K6D2J_R                       13.320      0.086      0.086
                                         0.086
K6D2V_R  ON K6D2P_R                       19.368     -0.071     -0.071
                                        -0.072
K6D2V_R  ON K6D2AJ_R                      16.541     -0.065     -0.065
                                        -0.066
K6D2V_R  ON K6D61M                        15.854     -0.095     -0.095
```

```
                                             -0.096
K6D2V_R  ON K6D2B_R                14.594   -0.136   -0.136
                                             -0.136
K6D2V_R  ON K6D2I_R                66.456    0.205    0.205
                                              0.205
K6D2V_R  ON K6D2K_R                30.256    0.147    0.147
                                              0.147
K6D2V_R  ON K6D2M_R                29.480    0.143    0.143
                                              0.143
K6D2V_R  ON K6D2S_R                24.962   -0.157   -0.157
                                             -0.157
K6D2V_R  ON K6D2W_R                11.116    0.092    0.092
                                              0.092
K6D2V_R  ON P5Q3M                  13.311   -0.064   -0.064
                                             -0.065
K6D2V_R  ON P5Q3AD                 10.602   -0.061   -0.061
                                             -0.062
K6D2V_R  ON P5Q3AF                 13.092   -0.058   -0.058
                                             -0.060
K6D2V_R  ON P5Q3AH                 15.551   -0.058   -0.058
                                             -0.060
K6D2V_R  ON P5Q3AR                 12.053   -0.064   -0.064
                                             -0.065
K6D2V_R  ON P5Q3AV                 12.535   -0.058   -0.058
                                             -0.059
K6D2V_R  ON P5Q3AX                 11.842   -0.056   -0.056
                                             -0.057
K6D2V_R  ON P5Q3BQ                 15.696   -0.073   -0.073
                                             -0.074
K6D2V_R  ON P5Q3CK                 12.823   -0.053   -0.053
                                             -0.054
K6D2V_R  ON P5Q3E                  11.869   -0.081   -0.081
                                             -0.081
K6D2V_R  ON P5Q3A0                 14.920   -0.075   -0.075
                                             -0.075
K6D2V_R  ON P5Q3BK                 11.131   -0.060   -0.060
                                             -0.061
K6D2V_R  ON P5Q3BO                 11.747   -0.063   -0.063
                                             -0.064
K6D2V_R  ON P5Q3CU                 14.305   -0.071   -0.071
                                             -0.072
K6D2V_R  ON P5Q3DA                 13.269   -0.062   -0.062
                                             -0.063
K6D2V_R  ON P5Q3AS                 13.464   -0.072   -0.072
                                             -0.073
K6D2V_R  ON P5Q3AU                 11.353   -0.075   -0.075
                                             -0.076
K6D2V_R  ON P5Q3AZ                 11.545   -0.056   -0.056
                                             -0.057
K6D2V_R  ON P5Q3BB1                11.546   -0.064   -0.064
```

```
-0.065
K6D2V_R  ON P5Q3BB6              13.354   -0.067   -0.067
-0.068
K6D2V_R  ON P5Q3BB7              11.554   -0.069   -0.069
-0.070
K6D2V_R  ON P5Q3X                12.987   -0.064   -0.064
-0.066
K6D2V_R  ON P5Q3AA               10.749   -0.046   -0.046
-0.048
K6D2V_R  ON P5Q3AP               13.110   -0.054   -0.054
-0.056
K6D2V_R  ON P5Q3BZ               11.990   -0.054   -0.054
-0.056
K6D2V_R  ON P5Q3CJ               13.623   -0.057   -0.057
-0.058
K6D2V_R  ON P5Q3C                17.409   -0.069   -0.069
-0.070
K6D2V_R  ON P5Q3O                13.810   -0.053   -0.053
-0.055
K6D2V_R  ON P5Q3R                13.095   -0.058   -0.058
-0.059
K6D2V_R  ON P5Q3S                13.345   -0.051   -0.051
-0.053
K6D2V_R  ON P5Q3T                15.032   -0.054   -0.054
-0.056
K6D2V_R  ON P5Q3U                13.973   -0.053   -0.053
-0.055
K6D2V_R  ON P5Q3V                11.895   -0.051   -0.051
-0.053
K6D2V_R  ON P5Q3AJ               11.570   -0.052   -0.052
-0.053
K6D2V_R  ON P5Q3BC               12.788   -0.050   -0.050
-0.052
K6D2V_R  ON P5Q3BN               10.367   -0.048   -0.048
-0.050
K6D2V_R  ON P5Q3CF               13.839   -0.053   -0.053
-0.055
K6D2V_R  ON P5Q3CG               13.652   -0.053   -0.053
-0.054
K6D2V_R  ON P5Q3CH               17.600   -0.065   -0.065
-0.067
K6D2V_R  ON P5Q3CI               13.478   -0.062   -0.062
-0.064
K6D2V_R  ON P5Q3CN               14.552   -0.062   -0.062
-0.063
K6D2V_R  ON P5Q3CO               14.812   -0.053   -0.053
-0.055
K6D2V_R  ON P5Q3CQ               13.630   -0.049   -0.049
-0.052
K6D2V_R  ON P5Q3CW               12.955   -0.059   -0.059
```

```
-0.060
K6D2W_R   ON K6B1A_R              18.591    -0.101    -0.101
-0.101
K6D2W_R   ON K6B1C_R              11.672    -0.074    -0.074
-0.074
K6D2W_R   ON K6B1D_R              10.601    -0.082    -0.082
-0.082
K6D2W_R   ON K6D20_R              11.538     0.088     0.088
0.088
K6D2W_R   ON K6D2V_R              11.115     0.092     0.092
0.092
K6D2W_R   ON K6D2AE_R             39.654     0.153     0.153
0.152
K6D2Y_R   ON K6D2K_R              10.212    -0.111    -0.111
-0.111
K6D2Y_R   ON K6D2L_R              13.363     0.128     0.128
0.128
K6D2Y_R   ON K6D2AF_R             41.170     0.197     0.197
0.197
K6D2Y_R   ON P5Q3T                10.266     0.048     0.048
0.050
K6D2Y_R   ON P5Q3U                10.502     0.050     0.050
0.051
K6D2Y_R   ON P5Q3CI               10.316     0.059     0.059
0.060
K6D2Y_R   ON P5Q3CN               10.486     0.057     0.057
0.058
K6D2Y_R   ON P5Q3CQ               10.279     0.047     0.047
0.049
K6D2Y_R   ON P5Q3CW               11.093     0.059     0.059
0.061
K6D2AA_R ON K6B1A_R               15.733     0.088     0.088
0.088
K6D2AA_R ON K6D2A_R               11.240     0.073     0.073
0.073
K6D2AA_R ON K6D2P_R               12.938     0.062     0.062
0.063
K6D2AA_R ON K6D2R_R               10.044     0.065     0.065
0.066
K6D2AA_R ON K6D2Z_R               24.379     0.100     0.100
0.100
K6D2AA_R ON K6D2AB_R              19.160     0.086     0.086
0.086
K6D2AA_R ON K6D2AJ_R              15.106     0.065     0.065
0.066
K6D2AA_R ON K6D61C                17.075     0.072     0.072
0.073
K6D2AA_R ON K6D61D                16.412     0.081     0.081
0.082
K6D2AA_R ON K6D61E                15.466     0.088     0.088
```

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0.089
K6D2AA_R ON K6D61K                17.216    0.073    0.073
0.074
K6D2AA_R ON K6D61L                13.755    0.089    0.089
0.089
K6D2AA_R ON K6D40_R               11.404    0.079    0.079
0.080
K6D2AA_R ON K6D48_R               11.110    0.079    0.079
0.079
K6D2AA_R ON K6F68_R               16.035    0.100    0.100
0.101
K6D2AA_R ON K6F74_R               15.480    0.100    0.100
0.101
K6D2AA_R ON K6D2K_R               13.454   -0.113   -0.113
-0.113
K6D2AA_R ON K6D2M_R               14.074   -0.117   -0.117
-0.117
K6D2AA_R ON P5Q3AA                11.148    0.048    0.048
0.049
K6D2AE_R ON K6B1A_R               13.411   -0.079   -0.079
-0.079
K6D2AE_R ON K6B1B_R               18.121   -0.086   -0.086
-0.086
K6D2AE_R ON K6B1C_R               18.443   -0.089   -0.089
-0.089
K6D2AE_R ON K6B1D_R               16.119   -0.099   -0.099
-0.099
K6D2AE_R ON K6D2AG_R              56.470    0.137    0.137
0.138
K6D2AE_R ON K6D2AI_R              42.910    0.141    0.141
0.141
K6D2AE_R ON K6D2D_R               66.291    0.172    0.172
0.172
K6D2AE_R ON K6D2J_R               54.417    0.150    0.150
0.150
K6D2AE_R ON K6D2T_R               70.934    0.176    0.176
0.176
K6D2AE_R ON K6D2AC_R              59.270    0.135    0.135
0.135
K6D2AE_R ON K6D2AK_R              60.745    0.170    0.170
0.170
K6D2AE_R ON K6D2C_R               54.679    0.152    0.152
0.153
K6D2AE_R ON K6D2N_R               46.473    0.118    0.118
0.118
K6D2AE_R ON K6D2X_R               57.995    0.159    0.159
0.160
K6D2AE_R ON K6D2A_R               68.730    0.154    0.154
0.154
K6D2AE_R ON K6D2P_R               66.581    0.121    0.121
```

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0.123
K6D2AE_R ON K6D2R_R              68.770      0.143      0.143
0.144
K6D2AE_R ON K6D2Z_R              93.405      0.161      0.161
0.162
K6D2AE_R ON K6D2AB_R             91.685      0.161      0.161
0.162
K6D2AE_R ON K6D2AJ_R             63.038      0.116      0.116
0.118
K6D2AE_R ON K6D61C               82.799      0.142      0.142
0.144
K6D2AE_R ON K6D61D               87.036      0.168      0.168
0.170
K6D2AE_R ON K6D61E               88.369      0.188      0.188
0.189
K6D2AE_R ON K6D61K               77.615      0.138      0.138
0.140
K6D2AE_R ON K6D61L               91.011      0.207      0.207
0.208
K6D2AE_R ON K6D61M               35.642      0.132      0.132
0.133
K6D2AE_R ON K6D40_R              76.775      0.186      0.186
0.187
K6D2AE_R ON K6D48_R              55.801      0.159      0.159
0.160
K6D2AE_R ON K6F63_R              58.529      0.153      0.153
0.154
K6D2AE_R ON K6F68_R              92.357      0.214      0.214
0.216
K6D2AE_R ON K6F74_R              90.014      0.216      0.216
0.218
K6D2AE_R ON K6D20_R              10.004      0.083      0.083
0.083
K6D2AE_R ON K6D2W_R              39.655      0.153      0.153
0.153
K6D2AE_R ON P5Q3X                12.537      0.057      0.057
0.058
K6D2AE_R ON P5Q3AA               14.126      0.048      0.048
0.049
K6D2AE_R ON P5Q3AL               15.955      0.064      0.064
0.065
K6D2AE_R ON P5Q3AP               11.144      0.045      0.045
0.047
K6D2AE_R ON P5Q3BI               10.637      0.067      0.067
0.067
K6D2AE_R ON P5Q3BZ               17.165      0.059      0.059
0.061
K6D2AE_R ON P5Q3CJ               12.853      0.050      0.050
0.052
K6D2AE_R ON P5Q3O                11.743      0.045      0.045
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0.046
K6D2AE_R ON P5Q3R                     11.237      0.049       0.049
0.050
K6D2AE_R ON P5Q3S                     14.068      0.047       0.047
0.049
K6D2AE_R ON P5Q3T                     13.583      0.046       0.046
0.048
K6D2AE_R ON P5Q3U                     11.549      0.044       0.044
0.045
K6D2AE_R ON P5Q3V                     15.674      0.053       0.053
0.055
K6D2AE_R ON P5Q3AJ                    15.480      0.053       0.053
0.055
K6D2AE_R ON P5Q3BC                    13.971      0.046       0.046
0.049
K6D2AE_R ON P5Q3BN                    11.959      0.047       0.047
0.048
K6D2AE_R ON P5Q3CF                    12.627      0.046       0.046
0.048
K6D2AE_R ON P5Q3CG                    13.159      0.047       0.047
0.049
K6D2AE_R ON P5Q3CH                    12.261      0.050       0.050
0.051
K6D2AE_R ON P5Q3CI                    12.974      0.055       0.055
0.056
K6D2AE_R ON P5Q3CN                    14.264      0.056       0.056
0.057
K6D2AE_R ON P5Q3CO                    10.399      0.040       0.040
0.042
K6D2AE_R ON P5Q3CQ                    14.514      0.046       0.046
0.048
K6D2AE_R ON P5Q3CW                    15.398      0.058       0.058
0.060
K6D2AF_R ON K6D2AG_R                  13.728      0.086       0.086
0.086
K6D2AF_R ON K6D2D_R                   10.706      0.087       0.087
0.087
K6D2AF_R ON K6D2T_R                   13.408      0.095       0.095
0.095
K6D2AF_R ON K6D2AK_R                  12.141      0.097       0.097
0.097
K6D2AF_R ON K6D2R_R                   11.050      0.077       0.077
0.077
K6D2AF_R ON K6D2Z_R                   13.682      0.083       0.083
0.083
K6D2AF_R ON K6D2AB_R                  13.356      0.080       0.080
0.080
K6D2AF_R ON K6D61C                    11.528      0.066       0.066
0.067
K6D2AF_R ON K6D61E                    10.048      0.080       0.080
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0.080
K6D2AF_R ON K6D61K              11.276    0.066    0.066
0.067
K6D2AF_R ON K6D61L              10.857    0.090    0.090
0.091
K6D2AF_R ON K6D40_R             10.579    0.085    0.085
0.086
K6D2AF_R ON K6D48_R             10.415    0.085    0.085
0.086
K6D2AF_R ON K6F68_R             10.525    0.090    0.090
0.091
K6D2AF_R ON K6F74_R             12.488    0.101    0.101
0.101
K6D2AF_R ON K6D2G_R             18.170    0.166    0.166
0.166
K6D2AF_R ON K6D2L_R             10.665    0.120    0.120
0.120
K6D2AF_R ON K6D2Y_R             41.167    0.197    0.197
0.197
P5Q3M      ON P5Q3X             45.017    0.228    0.228
0.229
P5Q3M      ON P5Q3AA            43.225    0.185    0.185
0.188
P5Q3M      ON P5Q3AL            35.160    0.212    0.212
0.214
P5Q3M      ON P5Q3AP            46.464    0.204    0.204
0.208
P5Q3M      ON P5Q3BZ            65.131    0.301    0.301
0.307
P5Q3M      ON P5Q3CJ            57.438    0.267    0.267
0.272
P5Q3M      ON P5Q3C             50.957    0.212    0.212
0.214
P5Q3M      ON P5Q3O             75.637    0.255    0.255
0.260
P5Q3M      ON P5Q3R             94.812    0.273    0.273
0.276
P5Q3M      ON P5Q3S             74.850    0.247    0.247
0.252
P5Q3M      ON P5Q3T             69.160    0.238    0.238
0.244
P5Q3M      ON P5Q3U             49.392    0.196    0.196
0.200
P5Q3M      ON P5Q3V             33.665    0.178    0.178
0.181
P5Q3M      ON P5Q3AJ            56.258    0.252    0.252
0.257
P5Q3M      ON P5Q3BC            64.475    0.262    0.262
0.269
P5Q3M      ON P5Q3BN            93.153    0.276    0.276
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0.281
P5Q3M      ON P5Q3CF              46.358      0.196       0.196
0.200
P5Q3M      ON P5Q3CG              66.782      0.227       0.227
0.232
P5Q3M      ON P5Q3CH              78.806      0.277       0.277
0.281
P5Q3M      ON P5Q3CI              55.123      0.269       0.269
0.272
P5Q3M      ON P5Q3CN              46.525      0.229       0.229
0.231
P5Q3M      ON P5Q3CO              54.202      0.204       0.204
0.208
P5Q3M      ON P5Q3CQ              66.979      0.269       0.269
0.278
P5Q3M      ON P5Q3CW              43.033      0.214       0.214
0.216
P5Q3AB     ON K6D61K              10.041     −0.053      −0.053
−0.054
P5Q3AB     ON P5Q3AV              23.159      0.191       0.191
0.194
P5Q3AF     ON K6D40_R             13.496      0.104       0.104
0.103
P5Q3AF     ON K6F68_R             10.449      0.096       0.096
0.095
P5Q3AF     ON P5Q3AH              13.714      0.151       0.151
0.152
P5Q3AF     ON P5Q3B0              13.190     −0.179      −0.179
−0.178
P5Q3AF     ON P5Q3X               11.953      0.128       0.128
0.128
P5Q3AF     ON P5Q3BZ              14.826      0.151       0.151
0.153
P5Q3AF     ON P5Q3CJ              12.514      0.129       0.129
0.131
P5Q3AF     ON P5Q3C               22.811      0.156       0.156
0.156
P5Q3AF     ON P5Q30               12.341      0.116       0.116
0.118
P5Q3AF     ON P5Q3R               25.426      0.163       0.163
0.163
P5Q3AF     ON P5Q3S               10.331      0.104       0.104
0.106
P5Q3AF     ON P5Q3AJ              13.751      0.131       0.131
0.133
P5Q3AF     ON P5Q3BC              11.837      0.120       0.120
0.123
P5Q3AF     ON P5Q3BN              29.278      0.168       0.168
0.170
P5Q3AF     ON P5Q3CF              10.820      0.101       0.101
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0.102
P5Q3AF    ON P5Q3CG              14.622    0.117    0.117
0.119
P5Q3AF    ON P5Q3CH              22.968    0.160    0.160
0.161
P5Q3AF    ON P5Q3CI              13.787    0.141    0.141
0.142
P5Q3AF    ON P5Q3CO              15.001    0.115    0.115
0.117
P5Q3AF    ON P5Q3CQ              16.778    0.137    0.137
0.141
P5Q3AH    ON P5Q3AF              13.712    0.151    0.151
0.150
P5Q3AH    ON P5Q3BZ              11.081    0.143    0.143
0.144
P5Q3AH    ON P5Q3R               12.191    0.130    0.130
0.130
P5Q3AH    ON P5Q3BC              11.145    0.125    0.125
0.127
P5Q3AH    ON P5Q3CH              21.769    0.169    0.169
0.170
P5Q3AH    ON P5Q3CQ              11.116    0.123    0.123
0.126
P5Q3AR    ON P5Q3AJ              10.339    0.118    0.118
0.120
P5Q3AR    ON P5Q3CG              11.128    0.105    0.105
0.107
P5Q3AR    ON P5Q3CI              11.825    0.133    0.133
0.135
P5Q3AV    ON K6D61C              11.615   −0.073   −0.073
−0.073
P5Q3AV    ON K6D61D              10.637   −0.083   −0.083
−0.082
P5Q3AV    ON K6D61K              12.816   −0.077   −0.077
−0.077
P5Q3AV    ON K6D61L              10.947   −0.100   −0.100
−0.099
P5Q3AV    ON K6D40_R             10.067   −0.092   −0.092
−0.091
P5Q3AV    ON K6F63_R             11.244   −0.095   −0.095
−0.094
P5Q3AV    ON K6F68_R             11.371   −0.102   −0.102
−0.101
P5Q3AV    ON K6F74_R             10.741   −0.101   −0.101
−0.100
P5Q3AV    ON P5Q3AB              23.165    0.191    0.191
0.189
P5Q3AV    ON P5Q3DB              17.167    0.157    0.157
0.156
P5Q3AV    ON P5Q3AA              10.727   −0.102   −0.102
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					−0.104
P5Q3AV	ON P5Q3V	11.707	−0.113	−0.113	−0.115
P5Q3AX	ON K6D2AI_R	10.907	−0.104	−0.104	−0.102
P5Q3AX	ON K6D2T_R	10.289	−0.091	−0.091	−0.089
P5Q3AX	ON K6D2AC_R	11.593	−0.078	−0.078	−0.077
P5Q3AX	ON K6D2C_R	11.547	−0.103	−0.103	−0.101
P5Q3AX	ON K6D2N_R	10.583	−0.077	−0.077	−0.075
P5Q3AX	ON K6D2S_R	10.699	0.072	0.072	0.070
P5Q3AX	ON P5Q3AA	12.178	−0.131	−0.131	−0.133
P5Q3BQ	ON P5Q3DB	21.969	0.148	0.148	0.148
P5Q3BQ	ON P5Q3BI	16.458	0.121	0.121	0.121
P5Q3CK	ON P5Q3X	12.641	0.203	0.203	0.202
P5Q3CK	ON P5Q3AL	14.138	0.206	0.206	0.205
P5Q3CK	ON P5Q3AP	10.259	0.162	0.162	0.162
P5Q3CK	ON P5Q3BZ	24.675	0.258	0.258	0.259
P5Q3CK	ON P5Q3CJ	33.593	0.263	0.263	0.264
P5Q3CK	ON P5Q3C	10.284	0.162	0.162	0.161
P5Q3CK	ON P5Q3O	20.406	0.216	0.216	0.217
P5Q3CK	ON P5Q3R	21.051	0.228	0.228	0.227
P5Q3CK	ON P5Q3S	21.140	0.212	0.212	0.214
P5Q3CK	ON P5Q3T	18.801	0.199	0.199	0.201
P5Q3CK	ON P5Q3U	10.102	0.152	0.152	0.153
P5Q3CK	ON P5Q3V	16.301	0.192	0.192	0.193
P5Q3CK	ON P5Q3AJ	20.814	0.222	0.222	0.223
P5Q3CK	ON P5Q3BC	25.416	0.227	0.227	0.231
P5Q3CK	ON P5Q3BN	23.504	0.223	0.223	

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0.224
P5Q3CK    ON P5Q3CF                19.510    0.200    0.200
0.201
P5Q3CK    ON P5Q3CG                22.876    0.215    0.215
0.216
P5Q3CK    ON P5Q3CH                21.239    0.220    0.220
0.221
P5Q3CK    ON P5Q3CI                19.276    0.230    0.230
0.229
P5Q3CK    ON P5Q3CN                12.681    0.180    0.180
0.180
P5Q3CK    ON P5Q3CO                17.229    0.175    0.175
0.177
P5Q3CK    ON P5Q3CQ                26.974    0.227    0.227
0.231
P5Q3CK    ON P5Q3CW                17.160    0.219    0.219
0.218
P5Q3DB    ON K6B1B_R               10.371    0.057    0.057
0.056
P5Q3DB    ON K6B1D_R               11.938    0.074    0.074
0.073
P5Q3DB    ON K6D2C_R               10.304   −0.060   −0.060
−0.059
P5Q3DB    ON K6D2A_R               19.058   −0.095   −0.095
−0.095
P5Q3DB    ON K6D2P_R               20.275   −0.077   −0.077
−0.076
P5Q3DB    ON K6D2R_R               14.926   −0.079   −0.079
−0.078
P5Q3DB    ON K6D2Z_R               15.967   −0.079   −0.079
−0.079
P5Q3DB    ON K6D2AB_R              20.943   −0.090   −0.090
−0.089
P5Q3DB    ON K6D2AJ_R              19.433   −0.073   −0.073
−0.073
P5Q3DB    ON K6D61C                21.694   −0.078   −0.078
−0.078
P5Q3DB    ON K6D61D                27.699   −0.104   −0.104
−0.104
P5Q3DB    ON K6D61E                21.016   −0.100   −0.100
−0.099
P5Q3DB    ON K6D61K                22.606   −0.080   −0.080
−0.080
P5Q3DB    ON K6D61L                31.392   −0.133   −0.133
−0.132
P5Q3DB    ON K6D61M                15.517   −0.098   −0.098
−0.097
P5Q3DB    ON K6D40_R               15.925   −0.090   −0.090
−0.089
P5Q3DB    ON K6D48_R               17.355   −0.097   −0.097
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					−0.097
P5Q3DB	ON K6F63_R	21.309	−0.102	−0.102	−0.101
P5Q3DB	ON K6F68_R	21.773	−0.109	−0.109	−0.108
P5Q3DB	ON K6F74_R	20.225	−0.107	−0.107	−0.107
P5Q3DB	ON P5Q3AV	17.165	0.157	0.157	0.159
P5Q3DB	ON P5Q3BQ	21.967	0.148	0.148	0.148
P5Q3DB	ON P5Q3E	20.526	−0.207	−0.207	−0.207
P5Q3DB	ON P5Q3X	15.861	−0.128	−0.128	−0.129
P5Q3DB	ON P5Q3AA	18.242	−0.114	−0.114	−0.117
P5Q3DB	ON P5Q3AL	12.843	−0.126	−0.126	−0.127
P5Q3DB	ON P5Q3O	11.688	−0.103	−0.103	−0.106
P5Q3DB	ON P5Q3S	13.980	−0.109	−0.109	−0.112
P5Q3DB	ON P5Q3T	13.050	−0.104	−0.104	−0.107
P5Q3DB	ON P5Q3V	24.366	−0.140	−0.140	−0.143
P5Q3DB	ON P5Q3AJ	11.817	−0.112	−0.112	−0.114
P5Q3E	ON P5Q3DB	20.524	−0.207	−0.207	−0.208
P5Q3E	ON P5Q3X	18.850	0.150	0.150	0.152
P5Q3A0	ON K6D2AG_R	12.654	0.064	0.064	0.063
P5Q3A0	ON K6D2AI_R	10.237	0.072	0.072	0.072
P5Q3A0	ON K6D2D_R	13.583	0.077	0.077	0.076
P5Q3A0	ON K6D2T_R	11.726	0.069	0.069	0.068
P5Q3A0	ON K6D2AC_R	12.346	0.057	0.057	0.057
P5Q3A0	ON K6D2AK_R	16.527	0.092	0.092	0.091
P5Q3A0	ON K6D2N_R	14.587	0.063	0.063	0.063
P5Q3A0	ON K6D2X_R	12.014	0.067	0.067	0.066
P5Q3A0	ON K6D2B_R	10.178	−0.059	−0.059	

−0.058

P5Q3A0	ON K6D2F_R	13.660	−0.073	−0.073	−0.072
P5Q3A0	ON K6D2G_R	13.335	−0.108	−0.108	−0.106
P5Q3A0	ON K6D2K_R	10.824	−0.072	−0.072	−0.071
P5Q3A0	ON K6D2L_R	12.860	−0.073	−0.073	−0.073
P5Q3A0	ON K6D2M_R	10.352	−0.069	−0.069	−0.069
P5Q3A0	ON K6D2O_R	15.611	−0.089	−0.089	−0.087
P5Q3A0	ON K6D2S_R	12.367	−0.056	−0.056	−0.056
P5Q3A0	ON K6D2V_R	15.087	−0.085	−0.085	−0.084
P5Q3A0	ON K6D2W_R	12.298	−0.071	−0.071	−0.070
P5Q3A0	ON K6D2AA_R	16.165	−0.077	−0.077	−0.076
P5Q3A0	ON K6D2AE_R	12.133	−0.087	−0.087	−0.086
P5Q3A0	ON K6D2AF_R	14.704	−0.085	−0.085	−0.084
P5Q3A0	ON K6D2AH_R	10.205	−0.082	−0.082	−0.081
P5Q3A0	ON P5Q3BK	10.704	0.147	0.147	0.148
P5Q3A0	ON P5Q3DA	40.689	0.255	0.255	0.257
P5Q3BK	ON P5Q3A0	10.703	0.147	0.147	0.147
P5Q3BK	ON P5Q3B0	10.792	0.139	0.139	0.139
P5Q3BK	ON P5Q3CI	10.888	0.123	0.123	0.125
P5Q3B0	ON K6D2AG_R	12.630	0.061	0.061	0.060
P5Q3B0	ON K6D2AI_R	10.976	0.071	0.071	0.070
P5Q3B0	ON K6D2D_R	11.592	0.068	0.068	0.067
P5Q3B0	ON K6D2J_R	10.132	0.067	0.067	0.066
P5Q3B0	ON K6D2T_R	10.006	0.061	0.061	0.060
P5Q3B0	ON K6D2AC_R	13.556	0.058	0.058	0.057
P5Q3B0	ON K6D2AK_R	17.243	0.091	0.091	

```
0.090
P5Q3B0    ON K6D2C_R             12.244    0.073     0.073
0.072
P5Q3B0    ON K6D2N_R             14.783    0.062     0.062
0.061
P5Q3B0    ON K6D2X_R             16.153    0.073     0.073
0.072
P5Q3B0    ON K6D2A_R             30.283    0.133     0.133
0.132
P5Q3B0    ON K6D2P_R             35.117    0.113     0.113
0.112
P5Q3B0    ON K6D2R_R             29.144    0.125     0.125
0.124
P5Q3B0    ON K6D2Z_R             27.098    0.115     0.115
0.114
P5Q3B0    ON K6D2AB_R            26.042    0.110     0.110
0.110
P5Q3B0    ON K6D2AJ_R            35.722    0.110     0.110
0.110
P5Q3B0    ON K6D61C              36.859    0.113     0.113
0.113
P5Q3B0    ON K6D61D              31.728    0.124     0.124
0.123
P5Q3B0    ON K6D61E              36.528    0.145     0.145
0.144
P5Q3B0    ON K6D61K              36.793    0.113     0.113
0.113
P5Q3B0    ON K6D61L              31.303    0.145     0.145
0.144
P5Q3B0    ON K6D61M              24.097    0.134     0.134
0.132
P5Q3B0    ON K6D40_R             42.080    0.162     0.162
0.161
P5Q3B0    ON K6D48_R             30.391    0.144     0.144
0.143
P5Q3B0    ON K6F63_R             31.728    0.138     0.138
0.137
P5Q3B0    ON K6F68_R             41.109    0.167     0.167
0.165
P5Q3B0    ON K6F74_R             42.135    0.171     0.171
0.170
P5Q3B0    ON K6D2B_R             13.112   -0.063    -0.063
-0.063
P5Q3B0    ON K6D2F_R             15.151   -0.073    -0.073
-0.072
P5Q3B0    ON K6D2G_R             10.771   -0.092    -0.092
-0.091
P5Q3B0    ON K6D2I_R             14.143   -0.087    -0.087
-0.086
P5Q3B0    ON K6D2K_R             12.139   -0.074    -0.074
```

```
−0.073
P5Q3B0    ON K6D2L_R           15.253   −0.077    −0.077
−0.076
P5Q3B0    ON K6D2M_R           12.472   −0.074    −0.074
−0.073
P5Q3B0    ON K6D2O_R           10.224   −0.069    −0.069
−0.068
P5Q3B0    ON K6D2S_R           14.648   −0.058    −0.058
−0.058
P5Q3B0    ON K6D2V_R           12.393   −0.075    −0.075
−0.074
P5Q3B0    ON K6D2W_R           12.139   −0.067    −0.067
−0.066
P5Q3B0    ON K6D2Y_R           11.604   −0.069    −0.069
−0.068
P5Q3B0    ON K6D2AA_R          14.318   −0.069    −0.069
−0.068
P5Q3B0    ON K6D2AE_R          12.227   −0.083    −0.083
−0.081
P5Q3B0    ON K6D2AF_R          13.000   −0.077    −0.077
−0.076
P5Q3B0    ON P5Q3AF            13.190   −0.179    −0.179
−0.181
P5Q3B0    ON P5Q3BK            10.793    0.139     0.139
0.140
P5Q3B0    ON P5Q3X             23.655    0.163     0.163
0.164
P5Q3B0    ON P5Q3AA            10.276    0.091     0.091
0.093
P5Q3B0    ON P5Q3AL            18.385    0.157     0.157
0.158
P5Q3B0    ON P5Q3AP            28.947    0.155     0.155
0.158
P5Q3B0    ON P5Q3BI            27.143    0.182     0.182
0.181
P5Q3B0    ON P5Q3BZ            44.769    0.230     0.230
0.235
P5Q3B0    ON P5Q3CJ            29.970    0.185     0.185
0.189
P5Q3B0    ON P5Q3O             26.858    0.157     0.157
0.160
P5Q3B0    ON P5Q3R             13.812    0.112     0.112
0.113
P5Q3B0    ON P5Q3S             18.031    0.127     0.127
0.130
P5Q3B0    ON P5Q3T             14.243    0.112     0.112
0.114
P5Q3B0    ON P5Q3U             10.084    0.092     0.092
0.094
P5Q3B0    ON P5Q3V             10.238    0.096     0.096
```

```
0.098
P5Q3B0    ON P5Q3AJ              13.894    0.126    0.126
0.129
P5Q3B0    ON P5Q3BC              31.859    0.179    0.179
0.184
P5Q3B0    ON P5Q3BN              20.481    0.140    0.140
0.143
P5Q3B0    ON P5Q3CF              25.106    0.141    0.141
0.144
P5Q3B0    ON P5Q3CG              46.300    0.183    0.183
0.187
P5Q3B0    ON P5Q3CH              28.113    0.171    0.171
0.174
P5Q3B0    ON P5Q3CI              40.804    0.216    0.216
0.219
P5Q3B0    ON P5Q3CN              18.480    0.140    0.140
0.142
P5Q3B0    ON P5Q3C0              12.566    0.101    0.101
0.103
P5Q3B0    ON P5Q3CQ              28.277    0.166    0.166
0.171
P5Q3B0    ON P5Q3CW              13.510    0.119    0.119
0.121
P5Q3CU    ON P5Q3AZ              23.879    0.226    0.226
0.227
P5Q3DA    ON K6D2AG_R            18.570    0.091    0.091
0.090
P5Q3DA    ON K6D2AI_R            15.258    0.104    0.104
0.102
P5Q3DA    ON K6D2D_R             19.259    0.107    0.107
0.105
P5Q3DA    ON K6D2J_R             13.652    0.098    0.098
0.096
P5Q3DA    ON K6D2T_R             17.674    0.101    0.101
0.099
P5Q3DA    ON K6D2AC_R            19.851    0.086    0.086
0.084
P5Q3DA    ON K6D2AK_R            15.097    0.107    0.107
0.105
P5Q3DA    ON K6D2C_R             15.584    0.101    0.101
0.099
P5Q3DA    ON K6D2N_R             20.161    0.089    0.089
0.088
P5Q3DA    ON K6D2X_R             19.305    0.098    0.098
0.097
P5Q3DA    ON K6D2A_R             15.354    0.114    0.114
0.113
P5Q3DA    ON K6D2P_R             12.742    0.082    0.082
0.081
P5Q3DA    ON K6D2R_R             13.618    0.103    0.103
```

```
0.102
P5Q3DA    ON K6D2Z_R              14.671      0.106      0.106
0.105
P5Q3DA    ON K6D2AB_R             10.960      0.089      0.089
0.088
P5Q3DA    ON K6D2AJ_R             17.496      0.094      0.094
0.093
P5Q3DA    ON K6D61C               15.919      0.091      0.091
0.091
P5Q3DA    ON K6D61D               10.604      0.087      0.087
0.086
P5Q3DA    ON K6D61E               13.900      0.110      0.110
0.109
P5Q3DA    ON K6D61K               15.513      0.090      0.090
0.090
P5Q3DA    ON K6D61L               10.174      0.104      0.104
0.103
P5Q3DA    ON K6D61M               10.556      0.113      0.113
0.111
P5Q3DA    ON K6D40_R              16.403      0.125      0.125
0.123
P5Q3DA    ON K6D48_R              12.331      0.113      0.113
0.112
P5Q3DA    ON K6F63_R              12.353      0.106      0.106
0.104
P5Q3DA    ON K6F68_R              15.885      0.128      0.128
0.127
P5Q3DA    ON K6F74_R              18.657      0.139      0.139
0.137
P5Q3DA    ON K6D2B_R              12.013     -0.075     -0.075
-0.074
P5Q3DA    ON K6D2F_R              12.338     -0.082     -0.082
-0.080
P5Q3DA    ON K6D2K_R              10.150     -0.083     -0.083
-0.082
P5Q3DA    ON K6D2L_R              10.248     -0.079     -0.079
-0.077
P5Q3DA    ON K6D2O_R              10.550     -0.087     -0.087
-0.086
P5Q3DA    ON K6D2S_R              11.052     -0.063     -0.063
-0.062
P5Q3DA    ON K6D2V_R              11.017     -0.087     -0.087
-0.085
P5Q3DA    ON K6D2AA_R             10.113     -0.072     -0.072
-0.071
P5Q3DA    ON K6D2AF_R             10.715     -0.087     -0.087
-0.086
P5Q3DA    ON P5Q3A0               40.690      0.255      0.255
0.253
P5Q3AS    ON K6D2B_R              10.040     -0.054     -0.054
```

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                                                   -0.053
P5Q3AS    ON K6D2W_R              11.779   -0.064   -0.064
                                                   -0.063
P5Q3AU    ON P5Q3AA              10.641   -0.117   -0.117
                                                   -0.120
P5Q3AU    ON P5Q3V               13.487   -0.141   -0.141
                                                   -0.144
P5Q3AZ    ON P5Q3CU             23.885    0.226    0.226
0.225
P5Q3BB1   ON P5Q3BB2           119.782    0.384    0.384
0.381
P5Q3BB1   ON P5Q3BB5            10.462    0.168    0.168
0.166
P5Q3BB1   ON P5Q3BB6            89.210    0.341    0.341
0.341
P5Q3BB1   ON P5Q3BB7            18.425    0.229    0.229
0.228
P5Q3BB1   ON P5Q3X              21.154   -0.189   -0.189
                                                   -0.190
P5Q3BB1   ON P5Q3AA             29.988   -0.187   -0.187
                                                   -0.190
P5Q3BB1   ON P5Q3AL             14.823   -0.159   -0.159
                                                   -0.160
P5Q3BB1   ON P5Q3AP             21.569   -0.169   -0.169
                                                   -0.172
P5Q3BB1   ON P5Q3BZ             27.847   -0.228   -0.228
                                                   -0.232
P5Q3BB1   ON P5Q3CJ             15.694   -0.157   -0.157
                                                   -0.160
P5Q3BB1   ON P5Q3C              12.085   -0.128   -0.128
                                                   -0.129
P5Q3BB1   ON P5Q3O              27.310   -0.195   -0.195
                                                   -0.199
P5Q3BB1   ON P5Q3R              13.703   -0.133   -0.133
                                                   -0.134
P5Q3BB1   ON P5Q3S              29.027   -0.198   -0.198
                                                   -0.202
P5Q3BB1   ON P5Q3T              23.500   -0.171   -0.171
                                                   -0.175
P5Q3BB1   ON P5Q3U              22.369   -0.162   -0.162
                                                   -0.165
P5Q3BB1   ON P5Q3V              33.687   -0.211   -0.211
                                                   -0.214
P5Q3BB1   ON P5Q3AJ             30.182   -0.212   -0.212
                                                   -0.216
P5Q3BB1   ON P5Q3BC             27.347   -0.194   -0.194
                                                   -0.199
P5Q3BB1   ON P5Q3BN             16.751   -0.150   -0.150
                                                   -0.152
P5Q3BB1   ON P5Q3CF             13.436   -0.125   -0.125
```

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                                                 -0.127
P5Q3BB1   ON P5Q3CG               14.716   -0.132   -0.132
-0.134
P5Q3BB1   ON P5Q3CI               10.499   -0.133   -0.133
-0.135
P5Q3BB1   ON P5Q3CN               18.236   -0.169   -0.169
-0.171
P5Q3BB1   ON P5Q3CO               21.618   -0.158   -0.158
-0.162
P5Q3BB1   ON P5Q3CQ               29.780   -0.201   -0.201
-0.207
P5Q3BB1   ON P5Q3CW               15.845   -0.156   -0.156
-0.158
P5Q3BB2   ON P5Q3BB1             119.776    0.384    0.384
0.386
P5Q3BB2   ON P5Q3BB5              21.203    0.204    0.204
0.204
P5Q3BB2   ON P5Q3BB6             111.001    0.360    0.360
0.362
P5Q3BB2   ON P5Q3BB7              28.547    0.265    0.265
0.266
P5Q3BB2   ON P5Q3X                22.650   -0.167   -0.167
-0.169
P5Q3BB2   ON P5Q3AA               28.521   -0.159   -0.159
-0.163
P5Q3BB2   ON P5Q3AL               10.065   -0.118   -0.118
-0.120
P5Q3BB2   ON P5Q3AP               21.190   -0.144   -0.144
-0.147
P5Q3BB2   ON P5Q3BZ               20.768   -0.173   -0.173
-0.177
P5Q3BB2   ON P5Q3CJ               20.574   -0.161   -0.161
-0.166
P5Q3BB2   ON P5Q3C                14.297   -0.120   -0.120
-0.122
P5Q3BB2   ON P5Q3O                24.094   -0.162   -0.162
-0.167
P5Q3BB2   ON P5Q3R                20.976   -0.148   -0.148
-0.150
P5Q3BB2   ON P5Q3S                29.661   -0.174   -0.174
-0.180
P5Q3BB2   ON P5Q3T                28.308   -0.166   -0.166
-0.171
P5Q3BB2   ON P5Q3U                29.823   -0.162   -0.162
-0.166
P5Q3BB2   ON P5Q3V                31.113   -0.179   -0.179
-0.183
P5Q3BB2   ON P5Q3AJ               25.130   -0.175   -0.175
-0.179
P5Q3BB2   ON P5Q3BC               21.851   -0.155   -0.155
```

-0.160

P5Q3BB2	ON P5Q3BN	16.921	-0.133	-0.133
-0.136				
P5Q3BB2	ON P5Q3CF	12.233	-0.105	-0.105
-0.108				
P5Q3BB2	ON P5Q3CI	10.924	-0.121	-0.121
-0.123				
P5Q3BB2	ON P5Q3CN	13.744	-0.126	-0.126
-0.129				
P5Q3BB2	ON P5Q3C0	22.458	-0.142	-0.142
-0.146				
P5Q3BB2	ON P5Q3CQ	25.373	-0.166	-0.166
-0.173				
P5Q3BB2	ON P5Q3CW	13.166	-0.123	-0.123
-0.125				
P5Q3BB5	ON P5Q3BB1	10.464	0.168	0.168
0.169				
P5Q3BB5	ON P5Q3BB2	21.206	0.204	0.204
0.205				
P5Q3BB5	ON P5Q3BB6	29.649	0.243	0.243
0.245				
P5Q3BB5	ON P5Q3BB7	11.447	0.193	0.193
0.194				
P5Q3BB6	ON K6D61C	15.422	-0.084	-0.084
-0.084				
P5Q3BB6	ON K6D61D	11.072	-0.084	-0.084
-0.083				
P5Q3BB6	ON K6D61K	14.536	-0.081	-0.081
-0.081				
P5Q3BB6	ON K6D61L	12.617	-0.107	-0.107
-0.106				
P5Q3BB6	ON K6D48_R	13.079	-0.107	-0.107
-0.106				
P5Q3BB6	ON K6F63_R	10.758	-0.090	-0.090
-0.089				
P5Q3BB6	ON K6F68_R	11.856	-0.102	-0.102
-0.101				
P5Q3BB6	ON K6F74_R	12.457	-0.106	-0.106
-0.105				
P5Q3BB6	ON P5Q3BB1	89.209	0.341	0.341
0.341				
P5Q3BB6	ON P5Q3BB2	111.006	0.360	0.360
0.358				
P5Q3BB6	ON P5Q3BB5	29.646	0.243	0.243
0.241				
P5Q3BB6	ON P5Q3BB7	132.164	0.423	0.423
0.422				
P5Q3BB6	ON P5Q3X	44.863	-0.253	-0.253
-0.255				
P5Q3BB6	ON P5Q3AA	59.972	-0.248	-0.248

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                                                             −0.253
P5Q3BB6   ON P5Q3AL                      30.091    −0.213    −0.213
                                                             −0.215
P5Q3BB6   ON P5Q3AP                      38.112    −0.209    −0.209
                                                             −0.213
P5Q3BB6   ON P5Q3BZ                      55.799    −0.300    −0.300
                                                             −0.306
P5Q3BB6   ON P5Q3CJ                      42.180    −0.246    −0.246
                                                             −0.251
P5Q3BB6   ON P5Q3C                       25.539    −0.170    −0.170
                                                             −0.171
P5Q3BB6   ON P5Q3O                       48.312    −0.243    −0.243
                                                             −0.248
P5Q3BB6   ON P5Q3R                       29.435    −0.185    −0.185
                                                             −0.187
P5Q3BB6   ON P5Q3S                       57.714    −0.260    −0.260
                                                             −0.267
P5Q3BB6   ON P5Q3T                       54.918    −0.248    −0.248
                                                             −0.255
P5Q3BB6   ON P5Q3U                       46.272    −0.218    −0.218
                                                             −0.222
P5Q3BB6   ON P5Q3V                       62.105    −0.269    −0.269
                                                             −0.274
P5Q3BB6   ON P5Q3AJ                      54.954    −0.270    −0.270
                                                             −0.275
P5Q3BB6   ON P5Q3BC                      50.573    −0.248    −0.248
                                                             −0.255
P5Q3BB6   ON P5Q3BN                      31.945    −0.193    −0.193
                                                             −0.197
P5Q3BB6   ON P5Q3CF                      28.164    −0.166    −0.166
                                                             −0.170
P5Q3BB6   ON P5Q3CG                      25.219    −0.159    −0.159
                                                             −0.162
P5Q3BB6   ON P5Q3CH                      23.469    −0.168    −0.168
                                                             −0.171
P5Q3BB6   ON P5Q3CI                      26.420    −0.197    −0.197
                                                             −0.200
P5Q3BB6   ON P5Q3CN                      34.621    −0.213    −0.213
                                                             −0.216
P5Q3BB6   ON P5Q3C0                      36.097    −0.188    −0.188
                                                             −0.192
P5Q3BB6   ON P5Q3CQ                      48.114    −0.243    −0.243
                                                             −0.251
P5Q3BB6   ON P5Q3CW                      24.254    −0.175    −0.175
                                                             −0.177
P5Q3BB7   ON K6D2AI_R                    10.350    −0.103    −0.103
                                                             −0.102
P5Q3BB7   ON K6D2J_R                     11.647    −0.105    −0.105
                                                             −0.104
P5Q3BB7   ON K6D2AC_R                    10.102    −0.074    −0.074
```

```
                                                 −0.073
P5Q3BB7  ON K6D2A_R               15.773    −0.142    −0.142
                                                 −0.141
P5Q3BB7  ON K6D2P_R               17.574    −0.117    −0.117
                                                 −0.116
P5Q3BB7  ON K6D2R_R               14.047    −0.124    −0.124
                                                 −0.123
P5Q3BB7  ON K6D2Z_R               15.468    −0.125    −0.125
                                                 −0.124
P5Q3BB7  ON K6D2AB_R              16.530    −0.129    −0.129
                                                 −0.128
P5Q3BB7  ON K6D2AJ_R              14.190    −0.101    −0.101
                                                 −0.101
P5Q3BB7  ON K6D61C                19.909    −0.122    −0.122
                                                 −0.122
P5Q3BB7  ON K6D61D                15.928    −0.125    −0.125
                                                 −0.125
P5Q3BB7  ON K6D61E                13.434    −0.126    −0.126
                                                 −0.125
P5Q3BB7  ON K6D61K                18.617    −0.117    −0.117
                                                 −0.117
P5Q3BB7  ON K6D61L                17.479    −0.160    −0.160
                                                 −0.159
P5Q3BB7  ON K6D61M                12.780    −0.150    −0.150
                                                 −0.149
P5Q3BB7  ON K6D40_R               16.291    −0.147    −0.147
                                                 −0.146
P5Q3BB7  ON K6D48_R               18.139    −0.163    −0.163
                                                 −0.162
P5Q3BB7  ON K6F63_R               22.154    −0.169    −0.169
                                                 −0.168
P5Q3BB7  ON K6F68_R               21.506    −0.178    −0.178
                                                 −0.178
P5Q3BB7  ON K6F74_R               20.364    −0.174    −0.174
                                                 −0.173
P5Q3BB7  ON P5Q3BB1               18.425     0.229     0.229
                                                  0.229
P5Q3BB7  ON P5Q3BB2               28.550     0.265     0.265
                                                  0.263
P5Q3BB7  ON P5Q3BB5               11.445     0.193     0.193
                                                  0.191
P5Q3BB7  ON P5Q3BB6              132.164     0.423     0.423
                                                  0.423
P5Q3BB7  ON P5Q3X                 10.874    −0.154    −0.154
                                                 −0.155
P5Q3BB7  ON P5Q3AA                19.077    −0.173    −0.173
                                                 −0.177
P5Q3BB7  ON P5Q3AP                15.095    −0.158    −0.158
                                                 −0.161
P5Q3BB7  ON P5Q3BZ                10.367    −0.149    −0.149
```

						-0.152
P5Q3BB7	ON	P5Q3C	17.292	-0.182	-0.182	-0.183
P5Q3BB7	ON	P5Q30	12.513	-0.141	-0.141	-0.144
P5Q3BB7	ON	P5Q3R	16.890	-0.172	-0.172	-0.174
P5Q3BB7	ON	P5Q3S	17.428	-0.168	-0.168	-0.173
P5Q3BB7	ON	P5Q3T	12.495	-0.141	-0.141	-0.144
P5Q3BB7	ON	P5Q3U	20.827	-0.182	-0.182	-0.186
P5Q3BB7	ON	P5Q3V	17.895	-0.174	-0.174	-0.177
P5Q3BB7	ON	P5Q3AJ	12.196	-0.148	-0.148	-0.151
P5Q3BB7	ON	P5Q3BN	15.532	-0.168	-0.168	-0.171
P5Q3BB7	ON	P5Q3CF	10.936	-0.130	-0.130	-0.132
P5Q3BB7	ON	P5Q3CG	13.121	-0.148	-0.148	-0.151
P5Q3BB7	ON	P5Q3C0	18.021	-0.170	-0.170	-0.174
P5Q3BB7	ON	P5Q3CQ	13.323	-0.149	-0.149	-0.154
P5Q3X	ON	K6D2D_R	10.108	0.060	0.060	0.059
P5Q3X	ON	K6D2AK_R	10.153	0.066	0.066	0.064
P5Q3X	ON	K6D2C_R	12.295	0.069	0.069	0.067
P5Q3X	ON	K6D2X_R	11.534	0.059	0.059	0.058
P5Q3X	ON	K6D2A_R	10.486	0.075	0.075	0.074
P5Q3X	ON	K6D2AJ_R	10.419	0.057	0.057	0.056
P5Q3X	ON	K6D61D	10.552	0.069	0.069	0.068
P5Q3X	ON	K6D61E	12.615	0.082	0.082	0.081
P5Q3X	ON	K6D61L	11.897	0.088	0.088	0.086
P5Q3X	ON	K6D40_R	10.789	0.080	0.080	0.079
P5Q3X	ON	K6F74_R	10.665	0.084	0.084	0.083
P5Q3X	ON	P5Q3E	10.238	0.116	0.116	

```
0.115
P5Q3AA    ON K6D61D                  10.000    0.061    0.061
0.060
P5Q3AA    ON K6D61E                  11.547    0.071    0.071
0.069
P5Q3AA    ON K6D2AA_R                12.004    0.055    0.055
0.053
P5Q3AA    ON P5Q3M                   30.594   -0.157   -0.157
-0.154
P5Q3AA    ON P5Q3AB                  15.917   -0.122   -0.122
-0.118
P5Q3AA    ON P5Q3AD                  68.667   -0.260   -0.260
-0.254
P5Q3AA    ON P5Q3AF                  60.464   -0.226   -0.226
-0.223
P5Q3AA    ON P5Q3AH                  66.224   -0.236   -0.236
-0.235
P5Q3AA    ON P5Q3AR                  44.855   -0.212   -0.212
-0.208
P5Q3AA    ON P5Q3AV                  80.358   -0.264   -0.264
-0.260
P5Q3AA    ON P5Q3AX                  96.414   -0.315   -0.315
-0.311
P5Q3AA    ON P5Q3BQ                  57.186   -0.214   -0.214
-0.209
P5Q3AA    ON P5Q3CK                  92.310   -0.307   -0.307
-0.305
P5Q3AA    ON P5Q3DB                  63.197   -0.235   -0.235
-0.230
P5Q3AA    ON P5Q3E                   57.097   -0.261   -0.261
-0.254
P5Q3AA    ON P5Q3A0                  68.915   -0.266   -0.266
-0.260
P5Q3AA    ON P5Q3BK                  53.822   -0.231   -0.231
-0.226
P5Q3AA    ON P5Q3B0                  44.891   -0.198   -0.198
-0.194
P5Q3AA    ON P5Q3CU                  84.315   -0.315   -0.315
-0.309
P5Q3AA    ON P5Q3DA                  78.924   -0.274   -0.274
-0.269
P5Q3AA    ON P5Q3AS                  37.287   -0.184   -0.184
-0.180
P5Q3AA    ON P5Q3AU                  68.944   -0.317   -0.317
-0.309
P5Q3AA    ON P5Q3AZ                  83.356   -0.291   -0.291
-0.287
P5Q3AA    ON P5Q3BB1                 76.706   -0.294   -0.294
-0.288
P5Q3AA    ON P5Q3BB2                 58.685   -0.259   -0.259
```

```
                                                          -0.252
P5Q3AA    ON P5Q3BB5                  50.811    -0.268    -0.268
                                                          -0.260
P5Q3AA    ON P5Q3BB6                  86.496    -0.302    -0.302
                                                          -0.296
P5Q3AA    ON P5Q3BB7                  79.062    -0.339    -0.339
                                                          -0.332
P5Q3AA    ON P5Q3AL                   13.330     0.139     0.139
                                                           0.137
P5Q3AA    ON P5Q3AP                   17.165     0.117     0.117
                                                           0.117
P5Q3AA    ON P5Q3U                   103.355     0.225     0.225
                                                           0.225
P5Q3AA    ON P5Q3V                   164.567     0.276     0.276
                                                           0.275
P5Q3AA    ON P5Q3CG                   22.890    -0.167    -0.167
                                                          -0.167
P5Q3AA    ON P5Q3CH                   17.821    -0.179    -0.179
                                                          -0.179
P5Q3AA    ON P5Q3CI                   22.349    -0.223    -0.223
                                                          -0.221
P5Q3AL    ON K6D2AG_R                 18.640    -0.084    -0.084
                                                          -0.082
P5Q3AL    ON K6D2AI_R                 12.366    -0.086    -0.086
                                                          -0.084
P5Q3AL    ON K6D2D_R                  14.953    -0.088    -0.088
                                                          -0.086
P5Q3AL    ON K6D2J_R                  13.728    -0.089    -0.089
                                                          -0.087
P5Q3AL    ON K6D2T_R                  19.359    -0.095    -0.095
                                                          -0.093
P5Q3AL    ON K6D2AC_R                 16.807    -0.073    -0.073
                                                          -0.071
P5Q3AL    ON K6D2C_R                  14.853    -0.090    -0.090
                                                          -0.088
P5Q3AL    ON K6D2N_R                  17.515    -0.077    -0.077
                                                          -0.075
P5Q3AL    ON K6D2X_R                  14.421    -0.079    -0.079
                                                          -0.077
P5Q3AL    ON K6D2B_R                  23.006     0.095     0.095
                                                           0.094
P5Q3AL    ON K6D2F_R                  19.665     0.095     0.095
                                                           0.093
P5Q3AL    ON K6D2G_R                  15.897     0.126     0.126
                                                           0.123
P5Q3AL    ON K6D2K_R                  17.586     0.101     0.101
                                                           0.098
P5Q3AL    ON K6D2L_R                  19.415     0.097     0.097
                                                           0.095
P5Q3AL    ON K6D2M_R                  14.530     0.090     0.090
```

```
0.088
P5Q3AL    ON K6D2O_R              17.792    0.103    0.103
0.101
P5Q3AL    ON K6D2S_R              18.339    0.074    0.074
0.072
P5Q3AL    ON K6D2V_R              19.420    0.106    0.106
0.103
P5Q3AL    ON K6D2W_R              18.411    0.094    0.094
0.092
P5Q3AL    ON K6D2Y_R              17.047    0.095    0.095
0.093
P5Q3AL    ON K6D2AA_R             19.136    0.091    0.091
0.089
P5Q3AL    ON K6D2AE_R             17.999    0.114    0.114
0.111
P5Q3AL    ON K6D2AF_R             15.956    0.098    0.098
0.095
P5Q3AL    ON K6D2AH_R             15.431    0.108    0.108
0.105
P5Q3AL    ON P5Q3AA               13.328    0.139    0.139
0.141
P5Q3AL    ON P5Q3V                18.165    0.159    0.159
0.160
P5Q3AL    ON P5Q3AJ               18.510    0.185    0.185
0.188
P5Q3AL    ON P5Q3BN               10.062   -0.164   -0.164
-0.165
P5Q3AP    ON P5Q3AA               17.165    0.117    0.117
0.118
P5Q3AP    ON P5Q3BZ               11.459    0.144    0.144
0.144
P5Q3AP    ON P5Q3CG               10.183   -0.119   -0.119
-0.120
P5Q3BI    ON P5Q3BQ               24.882    0.135    0.135
0.135
P5Q3BI    ON P5Q3BK               10.070    0.103    0.103
0.104
P5Q3BI    ON P5Q3BO               15.691    0.118    0.118
0.119
P5Q3BZ    ON P5Q3BO               11.361    0.140    0.140
0.137
P5Q3BZ    ON P5Q3AP               11.460    0.144    0.144
0.143
P5Q3CJ    ON P5Q3CK               15.311    0.146    0.146
0.145
P5Q3C     ON P5Q3U                20.812    0.124    0.124
0.126
P5Q3C     ON P5Q3CI               12.916   -0.180   -0.180
-0.180
P5Q3O     ON P5Q3CH               13.136   -0.187   -0.187
```

−0.186					
P5Q3R	ON P5Q3M	49.869	0.187	0.187	
0.185					
P5Q3R	ON P5Q3AB	13.110	0.109	0.109	
0.107					
P5Q3R	ON P5Q3AD	13.393	0.110	0.110	
0.109					
P5Q3R	ON P5Q3AF	29.827	0.153	0.153	
0.153					
P5Q3R	ON P5Q3AH	24.101	0.139	0.139	
0.139					
P5Q3R	ON P5Q3AV	20.696	0.129	0.129	
0.128					
P5Q3R	ON P5Q3AX	15.040	0.121	0.121	
0.121					
P5Q3R	ON P5Q3BQ	18.725	0.114	0.114	
0.112					
P5Q3R	ON P5Q3CK	26.843	0.163	0.163	
0.164					
P5Q3R	ON P5Q3DB	16.758	0.113	0.113	
0.112					
P5Q3R	ON P5Q3BK	11.970	0.108	0.108	
0.107					
P5Q3R	ON P5Q3CU	13.856	0.125	0.125	
0.124					
P5Q3R	ON P5Q3DA	12.948	0.110	0.110	
0.110					
P5Q3R	ON P5Q3AS	15.196	0.116	0.116	
0.114					
P5Q3R	ON P5Q3AU	10.395	0.121	0.121	
0.119					
P5Q3R	ON P5Q3AZ	16.398	0.128	0.128	
0.128					
P5Q3S	ON P5Q3BQ	15.020	−0.130	−0.130	
−0.127					
P5Q3S	ON P5Q3DB	12.045	−0.122	−0.122	
−0.119					
P5Q3S	ON P5Q3CU	11.684	−0.134	−0.134	
−0.131					
P5Q3S	ON P5Q3AU	10.093	−0.142	−0.142	
−0.138					
P5Q3S	ON P5Q3BB1	11.809	−0.135	−0.135	
−0.132					
P5Q3S	ON P5Q3BB2	12.525	−0.140	−0.140	
−0.136					
P5Q3S	ON P5Q3BB6	15.808	−0.150	−0.150	
−0.147					
P5Q3S	ON P5Q3BB7	10.422	−0.136	−0.136	
−0.133					
P5Q3S	ON P5Q3T	190.155	0.308	0.308	

```
0.308
P5Q3T      ON P5Q3AX                14.065    -0.132    -0.132
-0.129
P5Q3T      ON P5Q3BQ                13.444    -0.121    -0.121
-0.118
P5Q3T      ON P5Q3DB                13.308    -0.127    -0.127
-0.124
P5Q3T      ON P5Q3CU                10.739    -0.126    -0.126
-0.123
P5Q3T      ON P5Q3DA                10.785    -0.114    -0.114
-0.112
P5Q3T      ON P5Q3AU                13.800    -0.162    -0.162
-0.157
P5Q3T      ON P5Q3BB1               10.969    -0.125    -0.125
-0.122
P5Q3T      ON P5Q3BB2               14.002    -0.144    -0.144
-0.140
P5Q3T      ON P5Q3BB6               17.612    -0.155    -0.155
-0.152
P5Q3T      ON P5Q3S                190.152     0.308     0.308
0.307
P5Q3T      ON P5Q3CF                10.804    -0.129    -0.129
-0.128
P5Q3U      ON K6D2AG_R              18.538    -0.064    -0.064
-0.062
P5Q3U      ON K6D2AI_R              16.259    -0.075    -0.075
-0.073
P5Q3U      ON K6D2D_R               16.327    -0.069    -0.069
-0.067
P5Q3U      ON K6D2J_R               12.528    -0.064    -0.064
-0.062
P5Q3U      ON K6D2T_R               14.902    -0.064    -0.064
-0.062
P5Q3U      ON K6D2AC_R              15.615    -0.053    -0.053
-0.052
P5Q3U      ON K6D2C_R               16.303    -0.072    -0.072
-0.069
P5Q3U      ON K6D2N_R               14.742    -0.053    -0.053
-0.051
P5Q3U      ON K6D2X_R               17.090    -0.066    -0.066
-0.064
P5Q3U      ON K6D48_R               10.354    -0.074    -0.074
-0.072
P5Q3U      ON K6D2AA_R              10.001     0.050     0.050
0.048
P5Q3U      ON P5Q3AB                10.523    -0.101    -0.101
-0.098
P5Q3U      ON P5Q3AD                26.404    -0.156    -0.156
-0.153
P5Q3U      ON P5Q3AF                18.818    -0.122    -0.122
```

```
                                                      −0.120
P5Q3U      ON P5Q3AH                 22.628     −0.134     −0.134
                                                      −0.133
P5Q3U      ON P5Q3AR                 31.797     −0.178     −0.178
                                                      −0.175
P5Q3U      ON P5Q3AV                 29.724     −0.155     −0.155
                                                      −0.153
P5Q3U      ON P5Q3AX                 45.350     −0.213     −0.213
                                                      −0.210
P5Q3U      ON P5Q3BQ                 19.488     −0.120     −0.120
                                                      −0.118
P5Q3U      ON P5Q3CK                 43.165     −0.210     −0.210
                                                      −0.209
P5Q3U      ON P5Q3DB                 19.652     −0.127     −0.127
                                                      −0.125
P5Q3U      ON P5Q3E                  32.078     −0.198     −0.198
                                                      −0.193
P5Q3U      ON P5Q3A0                 42.139     −0.206     −0.206
                                                      −0.202
P5Q3U      ON P5Q3BK                 38.638     −0.199     −0.199
                                                      −0.195
P5Q3U      ON P5Q3B0                 24.170     −0.147     −0.147
                                                      −0.144
P5Q3U      ON P5Q3CU                 33.422     −0.197     −0.197
                                                      −0.193
P5Q3U      ON P5Q3DA                 41.609     −0.196     −0.196
                                                      −0.193
P5Q3U      ON P5Q3AS                 21.891     −0.142     −0.142
                                                      −0.139
P5Q3U      ON P5Q3AU                 29.415     −0.202     −0.202
                                                      −0.197
P5Q3U      ON P5Q3AZ                 46.215     −0.212     −0.212
                                                      −0.209
P5Q3U      ON P5Q3BB1                33.222     −0.192     −0.192
                                                      −0.188
P5Q3U      ON P5Q3BB2                35.883     −0.199     −0.199
                                                      −0.194
P5Q3U      ON P5Q3BB5                26.806     −0.191     −0.191
                                                      −0.186
P5Q3U      ON P5Q3BB6                38.294     −0.199     −0.199
                                                      −0.195
P5Q3U      ON P5Q3BB7                43.979     −0.252     −0.252
                                                      −0.247
P5Q3U      ON P5Q3AA                103.355      0.225      0.225
                                                       0.225
P5Q3U      ON P5Q3C                  20.812      0.124      0.124
                                                       0.123
P5Q3U      ON P5Q3V                 166.118      0.279      0.279
                                                       0.279
P5Q3U      ON P5Q3CG                 20.582     −0.159     −0.159
```

−0.159

P5Q3U	ON P5Q3CI	17.955	−0.204	−0.204

−0.203

| P5Q3V | ON K6D2AG_R | 20.808 | −0.072 | −0.072 |

−0.070

| P5Q3V | ON K6D2AI_R | 17.810 | −0.084 | −0.084 |

−0.081

| P5Q3V | ON K6D2D_R | 14.880 | −0.071 | −0.071 |

−0.069

| P5Q3V | ON K6D2J_R | 14.558 | −0.074 | −0.074 |

−0.072

| P5Q3V | ON K6D2T_R | 16.382 | −0.072 | −0.072 |

−0.070

| P5Q3V | ON K6D2AC_R | 16.885 | −0.060 | −0.060 |

−0.058

| P5Q3V | ON K6D2C_R | 14.410 | −0.072 | −0.072 |

−0.070

| P5Q3V | ON K6D2N_R | 15.680 | −0.059 | −0.059 |

−0.057

| P5Q3V | ON K6D2X_R | 15.519 | −0.067 | −0.067 |

−0.065

| P5Q3V | ON K6D2B_R | 13.501 | 0.059 | 0.059 |

0.058

| P5Q3V | ON K6D2K_R | 11.933 | 0.067 | 0.067 |

0.065

| P5Q3V | ON K6D2L_R | 12.911 | 0.066 | 0.066 |

0.064

| P5Q3V | ON K6D2O_R | 12.227 | 0.069 | 0.069 |

0.067

| P5Q3V | ON K6D2S_R | 13.132 | 0.051 | 0.051 |

0.050

| P5Q3V | ON K6D2Y_R | 12.348 | 0.066 | 0.066 |

0.064

| P5Q3V | ON K6D2AA_R | 13.115 | 0.061 | 0.061 |

0.059

| P5Q3V | ON K6D2AE_R | 13.152 | 0.080 | 0.080 |

0.077

| P5Q3V | ON K6D2AH_R | 11.018 | 0.074 | 0.074 |

0.072

| P5Q3V | ON P5Q3M | 45.116 | −0.209 | −0.209 |

−0.205

| P5Q3V | ON P5Q3AB | 32.047 | −0.188 | −0.188 |

−0.184

| P5Q3V | ON P5Q3AD | 46.419 | −0.221 | −0.221 |

−0.217

| P5Q3V | ON P5Q3AF | 58.795 | −0.229 | −0.229 |

−0.227

| P5Q3V | ON P5Q3AH | 63.578 | −0.239 | −0.239 |

−0.238

| P5Q3V | ON P5Q3AR | 35.104 | −0.196 | −0.196 |

-0.193

P5Q3V	ON P5Q3AV	79.861	-0.279	-0.279	-0.276
P5Q3V	ON P5Q3AX	79.287	-0.290	-0.290	-0.288
P5Q3V	ON P5Q3BQ	64.294	-0.243	-0.243	-0.238
P5Q3V	ON P5Q3CK	70.840	-0.278	-0.278	-0.277
P5Q3V	ON P5Q3DB	73.224	-0.270	-0.270	-0.264
P5Q3V	ON P5Q3E	47.389	-0.261	-0.261	-0.254
P5Q3V	ON P5Q3A0	65.399	-0.275	-0.275	-0.269
P5Q3V	ON P5Q3BK	60.167	-0.261	-0.261	-0.256
P5Q3V	ON P5Q3B0	44.928	-0.210	-0.210	-0.207
P5Q3V	ON P5Q3CU	81.513	-0.326	-0.326	-0.321
P5Q3V	ON P5Q3DA	72.223	-0.281	-0.281	-0.278
P5Q3V	ON P5Q3AS	47.609	-0.218	-0.218	-0.214
P5Q3V	ON P5Q3AU	73.851	-0.349	-0.349	-0.341
P5Q3V	ON P5Q3AZ	69.558	-0.273	-0.273	-0.270
P5Q3V	ON P5Q3BB1	78.654	-0.316	-0.316	-0.311
P5Q3V	ON P5Q3BB2	60.556	-0.284	-0.284	-0.277
P5Q3V	ON P5Q3BB5	38.473	-0.248	-0.248	-0.242
P5Q3V	ON P5Q3BB6	84.604	-0.318	-0.318	-0.313
P5Q3V	ON P5Q3BB7	71.533	-0.335	-0.335	-0.328
P5Q3V	ON P5Q3AA	164.565	0.276	0.276	0.276
P5Q3V	ON P5Q3AL	18.167	0.159	0.159	0.157
P5Q3V	ON P5Q3U	166.116	0.279	0.279	0.280
P5Q3V	ON P5Q3AJ	19.941	0.159	0.159	0.160
P5Q3V	ON P5Q3BN	21.847	-0.195	-0.195	-0.195
P5Q3V	ON P5Q3CF	12.214	-0.126	-0.126	

-0.126

P5Q3V	ON P5Q3CG	24.767	-0.195	-0.195
-0.196
| P5Q3V | ON P5Q3CH | 21.612 | -0.217 | -0.217 |
-0.217
| P5Q3V | ON P5Q3CI | 19.964 | -0.227 | -0.227 |
-0.226
| P5Q3AJ | ON K6D2AG_R | 14.655 | -0.081 | -0.081 |
-0.078
| P5Q3AJ | ON K6D2AI_R | 10.292 | -0.084 | -0.084 |
-0.081
| P5Q3AJ | ON K6D2D_R | 10.777 | -0.080 | -0.080 |
-0.077
| P5Q3AJ | ON K6D2J_R | 10.516 | -0.084 | -0.084 |
-0.082
| P5Q3AJ | ON K6D2T_R | 11.750 | -0.080 | -0.080 |
-0.078
| P5Q3AJ | ON K6D2AC_R | 10.907 | -0.063 | -0.063 |
-0.061
| P5Q3AJ | ON K6D2C_R | 10.929 | -0.085 | -0.085 |
-0.082
| P5Q3AJ | ON K6D2N_R | 12.968 | -0.071 | -0.071 |
-0.069
| P5Q3AJ | ON K6D2B_R | 12.053 | 0.076 | 0.076 |
0.073
| P5Q3AJ | ON K6D2F_R | 12.121 | 0.081 | 0.081 |
0.079
| P5Q3AJ | ON K6D2K_R | 10.445 | 0.084 | 0.084 |
0.082
| P5Q3AJ | ON K6D2S_R | 10.774 | 0.061 | 0.061 |
0.059
| P5Q3AJ | ON K6D2V_R | 10.112 | 0.084 | 0.084 |
0.081
| P5Q3AJ | ON K6D2AE_R | 10.094 | 0.091 | 0.091 |
0.088
| P5Q3AJ | ON P5Q3BB1 | 11.012 | -0.140 | -0.140 |
-0.137
| P5Q3AJ | ON P5Q3BB6 | 12.320 | -0.144 | -0.144 |
-0.141
| P5Q3AJ | ON P5Q3AL | 18.512 | 0.185 | 0.185 |
0.183
| P5Q3AJ | ON P5Q3V | 19.942 | 0.159 | 0.159 |
0.159
| P5Q3AJ | ON P5Q3CH | 11.232 | -0.189 | -0.189 |
-0.188
| P5Q3BN | ON P5Q3M | 33.865 | 0.170 | 0.170 |
0.168
| P5Q3BN | ON P5Q3AF | 23.553 | 0.143 | 0.143 |
0.142
| P5Q3BN | ON P5Q3AH | 10.870 | 0.104 | 0.104 |

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0.103
P5Q3BN    ON P5Q3CK              17.061    0.138      0.138
0.137
P5Q3BN    ON P5Q3E               14.953    0.149      0.149
0.145
P5Q3BN    ON P5Q3AZ              10.727    0.111      0.111
0.110
P5Q3BN    ON P5Q3AL              10.058   -0.164     -0.164
-0.162
P5Q3BN    ON P5Q3V               21.844   -0.195     -0.195
-0.194
P5Q3BN    ON P5Q3CO              17.488    0.126      0.126
0.126
P5Q3BN    ON P5Q3CW              10.930    0.117      0.117
0.116
P5Q3CF    ON P5Q3BQ              14.454    0.103      0.103
0.101
P5Q3CF    ON P5Q3CK              10.067    0.100      0.100
0.099
P5Q3CF    ON P5Q3T               10.803   -0.129     -0.129
-0.130
P5Q3CF    ON P5Q3V               12.213   -0.126     -0.126
-0.126
P5Q3CF    ON P5Q3CG              19.359    0.121      0.121
0.122
P5Q3CF    ON P5Q3CO              22.212    0.127      0.127
0.127
P5Q3CG    ON K6D61C              10.678   -0.058     -0.058
-0.057
P5Q3CG    ON K6D61K              11.402   -0.060     -0.060
-0.059
P5Q3CG    ON K6D48_R             10.446   -0.081     -0.081
-0.078
P5Q3CG    ON P5Q3M               48.586    0.198      0.198
0.194
P5Q3CG    ON P5Q3AB              20.700    0.149      0.149
0.144
P5Q3CG    ON P5Q3AD              28.711    0.173      0.173
0.169
P5Q3CG    ON P5Q3AF              41.781    0.188      0.188
0.185
P5Q3CG    ON P5Q3AH              40.683    0.187      0.187
0.185
P5Q3CG    ON P5Q3AR              47.201    0.217      0.217
0.213
P5Q3CG    ON P5Q3AV              49.272    0.200      0.200
0.197
P5Q3CG    ON P5Q3AX              48.687    0.225      0.225
0.222
P5Q3CG    ON P5Q3BQ              38.094    0.170      0.170
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0.166
P5Q3CG    ON P5Q3CK             65.227     0.257      0.257
0.255
P5Q3CG    ON P5Q3DB             30.633     0.164      0.164
0.160
P5Q3CG    ON P5Q3E              35.889     0.212      0.212
0.207
P5Q3CG    ON P5Q3A0             45.042     0.213      0.213
0.208
P5Q3CG    ON P5Q3BK             51.193     0.225      0.225
0.220
P5Q3CG    ON P5Q3B0             60.932     0.220      0.220
0.215
P5Q3CG    ON P5Q3CU             41.714     0.220      0.220
0.216
P5Q3CG    ON P5Q3DA             56.343     0.225      0.225
0.221
P5Q3CG    ON P5Q3AS             32.883     0.181      0.181
0.177
P5Q3CG    ON P5Q3AU             30.987     0.223      0.223
0.218
P5Q3CG    ON P5Q3AZ             49.808     0.222      0.222
0.219
P5Q3CG    ON P5Q3BB1            31.361     0.192      0.192
0.188
P5Q3CG    ON P5Q3BB2            30.291     0.188      0.188
0.183
P5Q3CG    ON P5Q3BB5            24.071     0.190      0.190
0.185
P5Q3CG    ON P5Q3BB6            30.490     0.180      0.180
0.176
P5Q3CG    ON P5Q3BB7            32.924     0.228      0.228
0.223
P5Q3CG    ON P5Q3AA             22.889    -0.167     -0.167
-0.167
P5Q3CG    ON P5Q3AP             10.181    -0.119     -0.119
-0.119
P5Q3CG    ON P5Q3U              20.580    -0.159     -0.159
-0.159
P5Q3CG    ON P5Q3V              24.764    -0.195     -0.195
-0.195
P5Q3CG    ON P5Q3CF             19.360     0.121      0.121
0.121
P5Q3CG    ON P5Q3CH             11.578     0.120      0.120
0.119
P5Q3CH    ON K6D2A_R            12.967    -0.098     -0.098
-0.096
P5Q3CH    ON K6D2P_R            13.066    -0.077     -0.077
-0.075
P5Q3CH    ON K6D2R_R            13.047    -0.092     -0.092
```

-0.090

P5Q3CH	ON K6D2Z_R	10.537	-0.079	-0.079	-0.077
P5Q3CH	ON K6D2AB_R	11.622	-0.083	-0.083	-0.081
P5Q3CH	ON K6D2AJ_R	11.123	-0.069	-0.069	-0.068
P5Q3CH	ON K6D61C	11.234	-0.069	-0.069	-0.068
P5Q3CH	ON K6D61D	16.865	-0.100	-0.100	-0.098
P5Q3CH	ON K6D61E	11.284	-0.090	-0.090	-0.088
P5Q3CH	ON K6D61K	11.550	-0.070	-0.070	-0.069
P5Q3CH	ON K6D61L	15.628	-0.115	-0.115	-0.112
P5Q3CH	ON K6F68_R	11.878	-0.100	-0.100	-0.097
P5Q3CH	ON P5Q3M	91.234	0.309	0.309	0.304
P5Q3CH	ON P5Q3AB	49.638	0.255	0.255	0.249
P5Q3CH	ON P5Q3AD	71.255	0.305	0.305	0.300
P5Q3CH	ON P5Q3AF	92.345	0.307	0.307	0.304
P5Q3CH	ON P5Q3AH	114.651	0.330	0.330	0.329
P5Q3CH	ON P5Q3AR	77.812	0.326	0.326	0.321
P5Q3CH	ON P5Q3AV	106.243	0.322	0.322	0.318
P5Q3CH	ON P5Q3AX	111.746	0.351	0.351	0.348
P5Q3CH	ON P5Q3BQ	77.879	0.284	0.284	0.278
P5Q3CH	ON P5Q3CK	117.511	0.377	0.377	0.377
P5Q3CH	ON P5Q3DB	74.116	0.290	0.290	0.284
P5Q3CH	ON P5Q3E	57.113	0.314	0.314	0.306
P5Q3CH	ON P5Q3A0	61.961	0.290	0.290	0.285
P5Q3CH	ON P5Q3BK	91.056	0.334	0.334	0.329
P5Q3CH	ON P5Q3B0	69.531	0.288	0.288	0.283
P5Q3CH	ON P5Q3CU	95.834	0.360	0.360	

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0.354
P5Q3CH    ON P5Q3DA              91.170    0.328     0.328
0.324
P5Q3CH    ON P5Q3AS              68.791    0.295     0.295
0.290
P5Q3CH    ON P5Q3AU              70.031    0.357     0.357
0.350
P5Q3CH    ON P5Q3AZ              97.193    0.340     0.340
0.336
P5Q3CH    ON P5Q3BB1             84.521    0.342     0.342
0.336
P5Q3CH    ON P5Q3BB2             60.040    0.299     0.299
0.293
P5Q3CH    ON P5Q3BB5             39.965    0.278     0.278
0.271
P5Q3CH    ON P5Q3BB6             65.308    0.291     0.291
0.286
P5Q3CH    ON P5Q3BB7             74.556    0.367     0.367
0.361
P5Q3CH    ON P5Q3AA              17.820   −0.179    −0.179
−0.180
P5Q3CH    ON P5Q3O               13.138   −0.187    −0.187
−0.188
P5Q3CH    ON P5Q3V               21.609   −0.217    −0.217
−0.218
P5Q3CH    ON P5Q3AJ              11.231   −0.189    −0.189
−0.190
P5Q3CH    ON P5Q3CG              11.578    0.120     0.120
0.120
P5Q3CI    ON P5Q3M               53.110    0.276     0.276
0.273
P5Q3CI    ON P5Q3AB              53.410    0.294     0.294
0.289
P5Q3CI    ON P5Q3AD              77.878    0.332     0.332
0.328
P5Q3CI    ON P5Q3AF              63.177    0.290     0.290
0.288
P5Q3CI    ON P5Q3AH              78.423    0.321     0.321
0.321
P5Q3CI    ON P5Q3AR              72.072    0.333     0.333
0.329
P5Q3CI    ON P5Q3AV              82.393    0.314     0.314
0.312
P5Q3CI    ON P5Q3AX              91.089    0.349     0.349
0.348
P5Q3CI    ON P5Q3BQ              67.831    0.293     0.293
0.289
P5Q3CI    ON P5Q3CK              93.393    0.368     0.368
0.369
P5Q3CI    ON P5Q3DB              46.581    0.260     0.260
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0.256

P5Q3CI	ON P5Q3E	58.937	0.338	0.338	0.332
P5Q3CI	ON P5Q3A0	67.426	0.319	0.319	0.315
P5Q3CI	ON P5Q3BK	78.509	0.334	0.334	0.330
P5Q3CI	ON P5Q3B0	73.722	0.309	0.309	0.305
P5Q3CI	ON P5Q3CU	90.089	0.364	0.364	0.360
P5Q3CI	ON P5Q3DA	80.013	0.328	0.328	0.325
P5Q3CI	ON P5Q3AS	48.988	0.272	0.272	0.268
P5Q3CI	ON P5Q3AU	65.653	0.371	0.371	0.364
P5Q3CI	ON P5Q3AZ	80.837	0.336	0.336	0.334
P5Q3CI	ON P5Q3BB1	63.359	0.330	0.330	0.326
P5Q3CI	ON P5Q3BB2	42.716	0.279	0.279	0.274
P5Q3CI	ON P5Q3BB5	40.389	0.299	0.299	0.292
P5Q3CI	ON P5Q3BB6	53.125	0.290	0.290	0.287
P5Q3CI	ON P5Q3BB7	74.303	0.384	0.384	0.379
P5Q3CI	ON P5Q3AA	22.349	−0.223	−0.223	−0.225
P5Q3CI	ON P5Q3C	12.915	−0.180	−0.180	−0.179
P5Q3CI	ON P5Q3U	17.955	−0.204	−0.204	−0.206
P5Q3CI	ON P5Q3V	19.962	−0.227	−0.227	−0.229
P5Q3C0	ON P5Q3AD	13.422	−0.120	−0.120	−0.117
P5Q3C0	ON P5Q3AZ	12.286	−0.116	−0.116	−0.114
P5Q3C0	ON P5Q3BB7	10.844	−0.130	−0.130	−0.127
P5Q3C0	ON P5Q3BN	17.486	0.126	0.126	0.125
P5Q3C0	ON P5Q3CF	22.211	0.127	0.127	0.126
P5Q3CW	ON K6D2B_R	10.803	0.056	0.056	0.055
P5Q3CW	ON K6D2F_R	10.346	0.059	0.059	

```
0.058
P5Q3CW    ON K6D2L_R               11.922    0.066    0.066
0.065
P5Q3CW    ON K6D2S_R               11.355    0.050    0.050
0.049
P5Q3CW    ON K6D2Y_R               11.863    0.068    0.068
0.067
P5Q3CW    ON K6D2AA_R              11.385    0.060    0.060
0.059
P5Q3CW    ON K6D2AE_R              10.354    0.075    0.075
0.073
P5Q3CW    ON K6D2AF_R              10.070    0.066    0.066
0.064
P5Q3CW    ON P5Q3BN                10.926    0.117    0.117
0.118
SC15      ON THREATCO              24.457   -0.210   -0.210
-0.114
SC15      ON DEPCOMP               22.680   -0.199   -0.199
-0.107

WITH Statements

INCBCL    WITH EXTERN              44.999   -0.791   -0.791
-0.791
INCBCL    WITH PAF                 17.818   -0.132   -0.132
-0.132
EXCBCL    WITH SC15                26.391    0.104    0.104
0.104
EXCBCL    WITH SC9                 26.375   -0.992   -0.992
-0.992
EXCBCL    WITH INTERNAL            42.601   -0.472   -0.472
-0.472
EXCBCL    WITH PAF                 53.419    0.136    0.136
0.136
EXCBCL    WITH INCBCL             224.707    6.407    6.407
6.407
K6B1A_R   WITH SC15                12.266    0.448    0.448
0.590
K6B1A_R   WITH SC9                 12.257   -0.047   -0.047
-0.062
K6B1A_R   WITH EXTERN              10.354    0.061    0.061
0.080
K6B1A_R   WITH INCBCL              13.831    0.151    0.151
0.199
K6B1C_R   WITH EXTERN              11.778   -0.070   -0.070
-0.109
K5E1A     WITH SC15                78.834    0.147    0.147
0.149
K5E1A     WITH SC9                 78.771   -1.405   -1.405
-1.423
```

K5E1A	WITH INTERNAL	19.830	−0.082	−0.082
−0.083				
K5E1A	WITH EXTERN	13.756	−0.067	−0.067
−0.067				
K5E1A	WITH PAF	41.580	0.118	0.118
0.120				
K5E1A	WITH INCBCL	26.944	0.278	0.278
0.282				
K5E1B	WITH SC15	66.311	0.128	0.128
0.129				
K5E1B	WITH SC9	66.347	−1.229	−1.229
−1.239				
K5E1B	WITH PAF	38.872	0.109	0.109
0.110				
K5E1B	WITH INCBCL	20.818	0.229	0.229
0.231				
K5E1B	WITH EXCBCL	11.460	0.094	0.094
0.094				
K5E1B	WITH K6B1B_R	14.823	0.130	0.130
0.206				
K5E1B	WITH K5E1A	361.281	0.473	0.473
0.483				
K5E1C	WITH SC15	109.472	0.170	0.170
0.173				
K5E1C	WITH SC9	109.447	−1.629	−1.629
−1.660				
K5E1C	WITH EXTERN	14.678	−0.069	−0.069
−0.070				
K5E1C	WITH PAF	56.888	0.136	0.136
0.139				
K5E1C	WITH INCBCL	62.343	0.438	0.438
0.446				
K5E1C	WITH K6B1A_R	12.514	0.121	0.121
0.162				
K5E1C	WITH K6B1C_R	12.981	0.125	0.125
0.198				
K5E1C	WITH K5E1A	356.804	0.480	0.480
0.496				
K5E1C	WITH K5E1B	278.228	0.436	0.436
0.448				
K5E1D	WITH SC15	66.560	0.146	0.146
0.149				
K5E1D	WITH SC9	66.560	−1.398	−1.398
−1.430				
K5E1D	WITH INTERNAL	19.575	−0.089	−0.089
−0.091				
K5E1D	WITH EXTERN	16.461	−0.079	−0.079
−0.081				
K5E1D	WITH PAF	14.912	0.077	0.077
0.079				

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K5E1D      WITH INCBCL          20.401     0.274      0.274
0.281
K5E1D      WITH K6B1A_R         10.407     0.120      0.120
0.162
K5E1D      WITH K5E1A          227.826     0.440      0.440
0.456
K5E1D      WITH K5E1B          155.023     0.381      0.381
0.393
K5E1D      WITH K5E1C          407.990     0.532      0.532
0.554
K6D2AG_R WITH INTERNAL          25.952     0.119      0.119
0.183
K6D2AG_R WITH EXTERN           12.749    −0.063     −0.063
−0.097
K6D2AG_R WITH EXCBCL           25.995    −0.109     −0.109
−0.168
K6D2AI_R WITH SC15             12.552     0.091      0.091
0.111
K6D2AI_R WITH INTERNAL         28.717     0.126      0.126
0.154
K6D2AI_R WITH PAF              17.302     0.076      0.076
0.093
K6D2AI_R WITH EXCBCL           10.055    −0.066     −0.066
−0.081
K6D2AI_R WITH K6D2AG_R         22.001     0.111      0.111
0.209
K6D2D_R  WITH SC15             22.919     0.125      0.125
0.163
K6D2D_R  WITH INTERNAL         30.872     0.134      0.134
0.175
K6D2D_R  WITH PAF              42.423     0.123      0.123
0.160
K6D2D_R  WITH INCBCL           11.817     0.143      0.143
0.187
K6D2J_R  WITH INTERNAL         12.601     0.080      0.080
0.098
K6D2J_R  WITH PAF              26.856     0.091      0.091
0.111
K6D2T_R  WITH SC15             15.464     0.104      0.104
0.142
K6D2T_R  WITH INTERNAL         36.931     0.149      0.149
0.202
K6D2T_R  WITH PAF              33.091     0.110      0.110
0.150
K6D2T_R  WITH K6D2AG_R         57.185     0.171      0.171
0.358
K6D2T_R  WITH K6D2AI_R         15.110     0.103      0.103
0.170
K6D2T_R  WITH K6D2D_R          39.774     0.157      0.157
0.278
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K6D2AC_R WITH SC15              51.808    -0.191    -0.191
-0.383
K6D2AC_R WITH INTERNAL          46.835    -0.166    -0.166
-0.333
K6D2AC_R WITH PAF               68.437    -0.150    -0.150
-0.300
K6D2AC_R WITH K6D2D_R           10.482    -0.095    -0.095
-0.249
K6D2AK_R WITH SC9               49.378    -0.084    -0.084
-0.101
K6D2AK_R WITH INTERNAL          25.993    -0.121    -0.121
-0.146
K6D2AK_R WITH EXTERN           236.304     0.249     0.249
0.299
K6D2AK_R WITH PAF               63.383     0.148     0.148
0.177
K6D2AK_R WITH EXCBCL           140.242     0.236     0.236
0.283
K6D2AK_R WITH K6D2AC_R          14.323    -0.118    -0.118
-0.284
K6D2C_R  WITH EXTERN            24.428     0.081     0.081
0.101
K6D2C_R  WITH PAF              20.131     0.080     0.080
0.099
K6D2C_R  WITH K6D2D_R          26.579     0.127     0.127
0.206
K6D2C_R  WITH K6D2J_R          16.832     0.096     0.096
0.147
K6D2N_R  WITH SC15             19.712    -0.113    -0.113
-0.204
K6D2N_R  WITH INTERNAL         13.967    -0.087    -0.087
-0.157
K6D2N_R  WITH EXTERN           47.802    -0.125    -0.125
-0.226
K6D2N_R  WITH PAF              67.669    -0.143    -0.143
-0.258
K6D2X_R  WITH SC15             53.351    -0.216    -0.216
-0.330
K6D2X_R  WITH INTERNAL         68.179    -0.219    -0.219
-0.335
K6D2X_R  WITH EXTERN           13.651    -0.081    -0.081
-0.124
K6D2X_R  WITH PAF            114.323    -0.208    -0.208
-0.318
K6D2A_R  WITH INTERNAL         36.911     0.101     0.101
0.116
K6D2A_R  WITH K6D2D_R          17.381     0.119     0.119
0.179
K6D2A_R  WITH K6D2J_R          10.906     0.085     0.085
0.120
```

K6D2A_R	WITH K6D2AK_R	22.927	0.132	0.132
		0.183		
K6D2A_R	WITH K6D2C_R	36.488	0.153	0.153
		0.219		
K6D2P_R	WITH INTERNAL	28.880	0.089	0.089
		0.126		
K6D2P_R	WITH EXTERN	16.466	−0.115	−0.115
		−0.162		
K6D2P_R	WITH EXCBCL	11.671	−0.076	−0.076
		−0.106		
K6D2P_R	WITH K6D2AK_R	42.424	0.167	0.167
		0.282		
K6D2P_R	WITH K6D2C_R	10.197	0.083	0.083
		0.144		
K6D2P_R	WITH K6D2A_R	14.249	0.088	0.088
		0.143		
K6D2R_R	WITH SC15	13.709	−0.069	−0.069
		−0.082		
K6D2R_R	WITH INTERNAL	185.361	0.219	0.219
		0.261		
K6D2R_R	WITH EXTERN	70.791	−0.232	−0.232
		−0.276		
K6D2R_R	WITH INCBCL	11.599	0.126	0.126
		0.150		
K6D2R_R	WITH EXCBCL	50.929	−0.154	−0.154
		−0.184		
K6D2R_R	WITH K6D2AG_R	14.183	0.104	0.104
		0.191		
K6D2R_R	WITH K6D2AI_R	19.239	0.123	0.123
		0.178		
K6D2R_R	WITH K6D2D_R	23.038	0.136	0.136
		0.211		
K6D2R_R	WITH K6D2J_R	20.297	0.112	0.112
		0.163		
K6D2R_R	WITH K6D2T_R	33.220	0.165	0.165
		0.266		
K6D2R_R	WITH K6D2AK_R	45.136	0.175	0.175
		0.250		
K6D2R_R	WITH K6D2C_R	50.940	0.176	0.176
		0.261		
K6D2R_R	WITH K6D2A_R	15.301	0.093	0.093
		0.128		
K6D2R_R	WITH K6D2P_R	15.374	0.088	0.088
		0.148		
K6D2Z_R	WITH SC15	30.362	0.104	0.104
		0.127		
K6D2Z_R	WITH INTERNAL	33.866	0.096	0.096
		0.118		
K6D2Z_R	WITH PAF	54.993	0.124	0.124
		0.151		

K6D2Z_R WITH INCBCL	13.969	0.141	0.141	0.172
K6D2Z_R WITH K6D2J_R	10.972	0.083	0.083	0.125
K6D2Z_R WITH K6D2AK_R	35.739	0.157	0.157	0.231
K6D2Z_R WITH K6D2C_R	26.982	0.134	0.134	0.204
K6D2Z_R WITH K6D2A_R	29.209	0.124	0.124	0.174
K6D2Z_R WITH K6D2P_R	34.157	0.127	0.127	0.218
K6D2Z_R WITH K6D2R_R	48.835	0.152	0.152	0.220
K6D2AB_R WITH INTERNAL	35.866	0.099	0.099	0.121
K6D2AB_R WITH PAF	15.890	0.065	0.065	0.080
K6D2AB_R WITH K6D2AK_R	41.834	0.169	0.169	0.249
K6D2AB_R WITH K6D2P_R	23.669	0.109	0.109	0.187
K6D2AB_R WITH K6D2Z_R	21.791	0.107	0.107	0.161
K6D2AJ_R WITH SC15	17.149	−0.081	−0.081	−0.120
K6D2AJ_R WITH SC9	13.956	−0.046	−0.046	−0.067
K6D2AJ_R WITH INTERNAL	37.242	0.104	0.104	0.153
K6D2AJ_R WITH EXTERN	66.285	−0.237	−0.237	−0.350
K6D2AJ_R WITH PAF	16.036	−0.069	−0.069	−0.101
K6D2AJ_R WITH INCBCL	12.304	0.138	0.138	0.203
K6D2AJ_R WITH K6D2AK_R	151.167	0.287	0.287	0.508
K6D2AJ_R WITH K6D2P_R	19.499	0.098	0.098	0.202
K6D2AJ_R WITH K6D2AB_R	23.658	0.113	0.113	0.205
K6D61C WITH SC9	10.811	0.062	0.062	0.123
K6D61C WITH INTERNAL	110.921	−0.301	−0.301	−0.591
K6D61C WITH EXTERN	72.593	0.386	0.386	0.757
K6D61C WITH INCBCL	27.808	−0.331	−0.331	−0.650

K6D61C	WITH K6D2AG_R	11.583	-0.178	-0.178
-0.539				
K6D61C	WITH K6D2D_R	10.215	-0.165	-0.165
-0.423				
K6D61C	WITH K6D2J_R	17.992	-0.211	-0.211
-0.508				
K6D61C	WITH K6D2T_R	16.276	-0.219	-0.219
-0.584				
K6D61C	WITH K6D2N_R	15.182	-0.201	-0.201
-0.715				
K6D61C	WITH K6D2A_R	23.723	-0.251	-0.251
-0.568				
K6D61C	WITH K6D2P_R	70.958	-0.419	-0.419
-1.156				
K6D61C	WITH K6D2R_R	48.280	-0.366	-0.366
-0.856				
K6D61C	WITH K6D2Z_R	42.115	-0.356	-0.356
-0.854				
K6D61C	WITH K6D2AB_R	48.947	-0.348	-0.348
-0.840				
K6D61C	WITH K6D2AJ_R	67.428	-0.395	-0.395
-1.146				
K6D61D	WITH SC15	18.308	0.096	0.096
0.124				
K6D61D	WITH INTERNAL	62.844	-0.165	-0.165
-0.213				
K6D61D	WITH EXTERN	43.450	0.224	0.224
0.289				
K6D61D	WITH PAF	28.308	0.106	0.106
0.137				
K6D61D	WITH INCBCL	29.687	-0.242	-0.242
-0.312				
K6D61D	WITH EXCBCL	21.117	0.117	0.117
0.151				
K6D61D	WITH K6D2AG_R	15.638	-0.146	-0.146
-0.292				
K6D61D	WITH K6D2T_R	11.695	-0.131	-0.131
-0.230				
K6D61D	WITH K6D2N_R	15.094	-0.145	-0.145
-0.338				
K6D61D	WITH K6D2P_R	28.260	-0.180	-0.180
-0.326				
K6D61D	WITH K6D2R_R	36.893	-0.215	-0.215
-0.331				
K6D61D	WITH K6D2Z_R	14.307	-0.135	-0.135
-0.213				
K6D61D	WITH K6D2AB_R	10.112	-0.108	-0.108
-0.171				
K6D61D	WITH K6D2AJ_R	12.796	-0.120	-0.120
-0.229				

K6D61E	WITH SC15	17.987	0.120	0.120
0.154				
K6D61E	WITH SC9	27.116	−0.089	−0.089
−0.115				
K6D61E	WITH INTERNAL	63.625	−0.209	−0.209
−0.269				
K6D61E	WITH EXTERN	19.522	0.188	0.188
0.242				
K6D61E	WITH PAF	13.329	0.093	0.093
0.120				
K6D61E	WITH EXCBCL	52.972	0.231	0.231
0.298				
K6D61E	WITH K6D2AG_R	15.861	−0.190	−0.190
−0.376				
K6D61E	WITH K6D2N_R	15.120	−0.191	−0.191
−0.444				
K6D61E	WITH K6D2P_R	15.657	−0.173	−0.173
−0.313				
K6D61E	WITH K6D2R_R	52.756	−0.332	−0.332
−0.508				
K6D61E	WITH K6D2Z_R	11.149	−0.154	−0.154
−0.241				
K6D61E	WITH K6D2AB_R	10.621	−0.140	−0.140
−0.221				
K6D61E	WITH K6D2AJ_R	13.030	−0.151	−0.151
−0.286				
K6D61E	WITH K6D61D	356.332	0.512	0.512
0.851				
K6D61K	WITH SC9	16.303	0.074	0.074
0.140				
K6D61K	WITH INTERNAL	145.987	−0.340	−0.340
−0.643				
K6D61K	WITH EXTERN	94.917	0.431	0.431
0.814				
K6D61K	WITH INCBCL	37.819	−0.367	−0.367
−0.693				
K6D61K	WITH K6D2AG_R	16.294	−0.208	−0.208
−0.607				
K6D61K	WITH K6D2AI_R	11.506	−0.182	−0.182
−0.419				
K6D61K	WITH K6D2D_R	13.145	−0.187	−0.187
−0.461				
K6D61K	WITH K6D2J_R	15.737	−0.192	−0.192
−0.445				
K6D61K	WITH K6D2T_R	23.440	−0.253	−0.253
−0.650				
K6D61K	WITH K6D2AC_R	13.632	−0.196	−0.196
−0.745				
K6D61K	WITH K6D2N_R	19.465	−0.226	−0.226
−0.771				

K6D61K	WITH K6D2A_R	26.528	−0.254	−0.254
−0.553				
K6D61K	WITH K6D2P_R	70.832	−0.397	−0.397
−1.053				
K6D61K	WITH K6D2R_R	54.390	−0.385	−0.385
−0.866				
K6D61K	WITH K6D2Z_R	46.388	−0.379	−0.379
−0.875				
K6D61K	WITH K6D2AB_R	47.290	−0.335	−0.335
−0.778				
K6D61K	WITH K6D2AJ_R	67.088	−0.393	−0.393
−1.096				
K6D61K	WITH K6D61C	662.412	0.697	0.697
2.590				
K6D61L	WITH SC15	30.500	0.147	0.147
0.176				
K6D61L	WITH INTERNAL	51.451	−0.175	−0.175
−0.210				
K6D61L	WITH EXTERN	52.840	0.289	0.289
0.347				
K6D61L	WITH PAF	24.558	0.117	0.117
0.140				
K6D61L	WITH INCBCL	30.156	−0.293	−0.293
−0.352				
K6D61L	WITH EXCBCL	10.654	0.099	0.099
0.119				
K6D61L	WITH K6D2AG_R	11.539	−0.150	−0.150
−0.277				
K6D61L	WITH K6D2T_R	21.881	−0.214	−0.214
−0.349				
K6D61L	WITH K6D2N_R	12.326	−0.155	−0.155
−0.335				
K6D61L	WITH K6D2P_R	10.946	−0.134	−0.134
−0.225				
K6D61L	WITH K6D2R_R	22.051	−0.200	−0.200
−0.285				
K6D61L	WITH K6D2Z_R	13.041	−0.153	−0.153
−0.224				
K6D61L	WITH K6D61D	223.337	0.433	0.433
0.671				
K6D61L	WITH K6D61E	54.329	0.302	0.302
0.465				
K6D61M	WITH SC15	44.691	−0.147	−0.147
−0.165				
K6D61M	WITH EXTERN	12.006	−0.117	−0.117
−0.131				
K6D61M	WITH PAF	62.100	−0.152	−0.152
−0.171				
K6D61M	WITH EXCBCL	13.185	−0.094	−0.094
−0.105				

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K6D61M    WITH K6D2A_R           12.408   -0.121   -0.121
-0.156
K6D61M    WITH K6D2R_R           11.745   -0.120   -0.120
-0.160
K6D61M    WITH K6D2Z_R           11.528   -0.123   -0.123
-0.169
K6D40_R   WITH SC9               61.690   -0.162   -0.162
-0.209
K6D40_R   WITH INTERNAL          12.496   -0.112   -0.112
-0.144
K6D40_R   WITH EXTERN            13.843   -0.191   -0.191
-0.246
K6D40_R   WITH PAF               19.141   -0.131   -0.131
-0.168
K6D40_R   WITH EXCBCL            47.722    0.264    0.264
0.340
K6D40_R   WITH K6D2A_R           20.756   -0.255   -0.255
-0.379
K6D40_R   WITH K6D2P_R           19.762   -0.243   -0.243
-0.440
K6D40_R   WITH K6D2R_R           23.848   -0.269   -0.269
-0.413
K6D40_R   WITH K6D2Z_R           21.498   -0.285   -0.285
-0.450
K6D40_R   WITH K6D2AB_R          15.288   -0.212   -0.212
-0.336
K6D40_R   WITH K6D2AJ_R          19.353   -0.231   -0.231
-0.440
K6D48_R   WITH SC9               22.387    0.077    0.077
0.093
K6D48_R   WITH PAF               10.436   -0.073   -0.073
-0.088
K6D48_R   WITH EXCBCL            16.201   -0.123   -0.123
-0.147
K6D48_R   WITH K6D2A_R           17.496   -0.175   -0.175
-0.241
K6D48_R   WITH K6D2P_R           18.104   -0.172   -0.172
-0.290
K6D48_R   WITH K6D2R_R           28.250   -0.224   -0.224
-0.321
K6D48_R   WITH K6D2Z_R           29.006   -0.231   -0.231
-0.338
K6D48_R   WITH K6D2AB_R          12.027   -0.140   -0.140
-0.207
K6D48_R   WITH K6D2AJ_R          22.881   -0.197   -0.197
-0.349
K6D48_R   WITH K6D40_R           42.881    0.321    0.321
0.497
K6F63_R   WITH SC15              10.431   -0.078   -0.078
-0.097
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K6F63_R	WITH INTERNAL	32.593	−0.129	−0.129	−0.159
K6F63_R	WITH INCBCL	13.460	−0.181	−0.181	−0.223
K6F63_R	WITH K6B1C_R	11.152	−0.132	−0.132	−0.253
K6F63_R	WITH K6D2T_R	10.616	−0.136	−0.136	−0.228
K6F63_R	WITH K6D2A_R	22.135	−0.185	−0.185	−0.262
K6F63_R	WITH K6D2P_R	31.036	−0.209	−0.209	−0.363
K6F63_R	WITH K6D2R_R	35.964	−0.236	−0.236	−0.346
K6F63_R	WITH K6D2Z_R	25.436	−0.201	−0.201	−0.303
K6F63_R	WITH K6D2AB_R	16.319	−0.151	−0.151	−0.229
K6F63_R	WITH K6D2AJ_R	26.623	−0.201	−0.201	−0.366
K6F63_R	WITH K6D40_R	72.668	0.373	0.373	0.594
K6F63_R	WITH K6D48_R	198.390	0.451	0.451	0.668
K6F68_R	WITH PAF	12.420	−0.163	−0.163	−0.214
K6F68_R	WITH K6D2R_R	10.669	−0.294	−0.294	−0.459
K6F68_R	WITH K6D40_R	12.753	0.278	0.278	0.471
K6F68_R	WITH K6D48_R	17.565	0.313	0.313	0.494
K6F68_R	WITH K6F63_R	10.143	0.257	0.257	0.417
K6F74_R	WITH K6D2P_R	13.711	−0.294	−0.294	−0.530
K6F74_R	WITH K6D40_R	14.080	0.279	0.279	0.462
K6F74_R	WITH K6D48_R	24.908	0.336	0.336	0.519
K6F74_R	WITH K6F68_R	42.654	0.451	0.451	0.761
K6D2B_R	WITH SC15	12.200	0.123	0.123	0.189
K6D2B_R	WITH INTERNAL	96.532	−0.174	−0.174	−0.268
K6D2B_R	WITH PAF	101.393	−0.287	−0.287	−0.442
K6D2B_R	WITH K6D2AC_R	29.221	−0.153	−0.153	−0.472

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K6D2B_R  WITH K6D2N_R          26.181    -0.141    -0.141
-0.391
K6D2B_R  WITH K6D2X_R          85.945    -0.253    -0.253
-0.594
K6D2F_R  WITH K6D2AK_R         10.159     0.101     0.101
0.162
K6D2G_R  WITH SC15             25.586     0.196     0.196
0.217
K6D2G_R  WITH INTERNAL         21.358     0.106     0.106
0.117
K6D2G_R  WITH K6B1A_R          38.872     0.216     0.216
0.316
K6D2I_R  WITH INTERNAL         73.996     0.153     0.153
0.177
K6D2I_R  WITH EXTERN           82.285    -0.145    -0.145
-0.168
K6D2I_R  WITH PAF              14.366     0.104     0.104
0.121
K6D2I_R  WITH EXCBCL           19.645    -0.088    -0.088
-0.102
K6D2I_R  WITH K6D2D_R          10.095     0.103     0.103
0.156
K6D2I_R  WITH K6D2J_R          17.275     0.120     0.120
0.170
K6D2I_R  WITH K6D2C_R          19.269     0.131     0.131
0.189
K6D2I_R  WITH K6D2P_R          14.435    -0.106    -0.106
-0.172
K6D2I_R  WITH K6D2AJ_R         38.187    -0.171    -0.171
-0.293
K6D2I_R  WITH K6D61K           10.598    -0.148    -0.148
-0.324
K6D2I_R  WITH K6D61M           27.290    -0.179    -0.179
-0.233
K6D2I_R  WITH K6D40_R          11.001    -0.172    -0.172
-0.256
K6D2I_R  WITH K6D2B_R          11.598    -0.117    -0.117
-0.209
K6D2K_R  WITH SC15             22.744    -0.156    -0.156
-0.191
K6D2K_R  WITH INTERNAL         35.756     0.106     0.106
0.129
K6D2K_R  WITH PAF              47.488     0.190     0.190
0.232
K6D2K_R  WITH K6D2D_R          11.055     0.108     0.108
0.171
K6D2K_R  WITH K6D2J_R          14.812     0.114     0.114
0.171
K6D2K_R  WITH K6D2C_R          17.790     0.128     0.128
0.195
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K6D2K_R  WITH K6D61D             16.875     0.147      0.147
0.233
K6D2K_R  WITH K6D61E             11.185     0.160      0.160
0.252
K6D2K_R  WITH K6D61L             16.410     0.173      0.173
0.254
K6D2K_R  WITH K6D2B_R            14.920    −0.129     −0.129
−0.242
K6D2K_R  WITH K6D2I_R            55.421     0.183      0.183
0.259
K6D2L_R  WITH PAF                13.972    −0.133     −0.133
−0.190
K6D2L_R  WITH K6D2X_R            13.829    −0.150     −0.150
−0.327
K6D2M_R  WITH INTERNAL           58.124     0.137      0.137
0.170
K6D2M_R  WITH EXTERN             10.089    −0.053     −0.053
−0.066
K6D2M_R  WITH PAF                47.569     0.192      0.192
0.239
K6D2M_R  WITH K6D2AI_R           13.044     0.115      0.115
0.175
K6D2M_R  WITH K6D2C_R            16.222     0.125      0.125
0.193
K6D2M_R  WITH K6D61D             13.275     0.133      0.133
0.213
K6D2M_R  WITH K6D61M             13.031    −0.129     −0.129
−0.180
K6D2M_R  WITH K6D2B_R            18.239    −0.145     −0.145
−0.277
K6D2M_R  WITH K6D2I_R            61.254     0.193      0.193
0.277
K6D2M_R  WITH K6D2K_R           334.340     0.360      0.360
0.547
K6D2O_R  WITH SC15               10.268    −0.107     −0.107
−0.131
K6D2O_R  WITH K6D2X_R            15.570    −0.135     −0.135
−0.251
K6D2S_R  WITH INTERNAL          144.069    −0.198     −0.198
−0.405
K6D2S_R  WITH PAF               120.964    −0.295     −0.295
−0.605
K6D2S_R  WITH K6D2AC_R           82.701    −0.211     −0.211
−0.868
K6D2S_R  WITH K6D2N_R            69.063    −0.193     −0.193
−0.715
K6D2S_R  WITH K6D2X_R            28.076    −0.142     −0.142
−0.442
K6D2S_R  WITH K6D2I_R            11.528    −0.107     −0.107
−0.254
```

```
K6D2S_R   WITH K6D2K_R              29.836    -0.171    -0.171
-0.427
K6D2S_R   WITH K6D2M_R              34.404    -0.184    -0.184
-0.467
K6D2V_R   WITH SC9                  15.071     0.050     0.050
0.062
K6D2V_R   WITH INTERNAL            26.599     0.097     0.097
0.121
K6D2V_R   WITH EXTERN               20.262    -0.080    -0.080
-0.099
K6D2V_R   WITH EXCBCL               12.715    -0.076    -0.076
-0.095
K6D2V_R   WITH K6D2J_R              12.155     0.114     0.114
0.174
K6D2V_R   WITH K6D2P_R              18.476    -0.129    -0.129
-0.225
K6D2V_R   WITH K6D2AJ_R             14.015    -0.117    -0.117
-0.215
K6D2V_R   WITH K6D2B_R              14.598    -0.136    -0.136
-0.261
K6D2V_R   WITH K6D2I_R              66.452     0.205     0.205
0.295
K6D2V_R   WITH K6D2K_R              30.253     0.147     0.147
0.223
K6D2V_R   WITH K6D2M_R              29.478     0.143     0.143
0.221
K6D2V_R   WITH K6D2S_R              24.967    -0.157    -0.157
-0.399
K6D2W_R   WITH SC15                 14.987    -0.128    -0.128
-0.170
K6D2W_R   WITH PAF                  15.730     0.109     0.109
0.145
K6D2W_R   WITH K6D2O_R              11.537     0.088     0.088
0.143
K6D2W_R   WITH K6D2V_R              11.114     0.092     0.092
0.152
K6D2Y_R   WITH EXCBCL               14.578     0.089     0.089
0.116
K6D2Y_R   WITH K6D2K_R              10.212    -0.111    -0.111
-0.177
K6D2Y_R   WITH K6D2L_R              13.363     0.128     0.128
0.237
K6D2AA_R WITH EXTERN                22.241     0.087     0.087
0.124
K6D2AA_R WITH EXCBCL                27.702     0.115     0.115
0.163
K6D2AA_R WITH K6B1A_R               15.702     0.121     0.121
0.226
K6D2AA_R WITH K6D2AC_R              10.117    -0.094    -0.094
-0.267
```

K6D2AA_R WITH K6D2AK_R	12.189	0.119	0.119
0.204			
K6D2AA_R WITH K6D2Z_R	12.220	0.119	0.119
0.206			
K6D2AA_R WITH K6D2K_R	13.456	−0.113	−0.113
−0.197			
K6D2AA_R WITH K6D2M_R	14.076	−0.117	−0.117
−0.206			
K6D2AE_R WITH SC15	31.818	−0.178	−0.178
−0.202			
K6D2AE_R WITH INTERNAL	44.300	0.113	0.113
0.129			
K6D2AE_R WITH EXTERN	55.180	0.120	0.120
0.136			
K6D2AE_R WITH PAF	110.972	0.278	0.278
0.316			
K6D2AE_R WITH EXCBCL	23.774	0.094	0.094
0.107			
K6D2AE_R WITH K6D2A_R	10.105	0.088	0.088
0.115			
K6D2AE_R WITH K6D2Z_R	27.417	0.140	0.140
0.194			
K6D2AE_R WITH K6D2AB_R	24.778	0.137	0.137
0.190			
K6D2AE_R WITH K6D61D	10.719	0.117	0.117
0.172			
K6D2AE_R WITH K6D2O_R	10.003	0.083	0.083
0.115			
K6D2AE_R WITH K6D2W_R	39.653	0.153	0.153
0.230			
K6D2AF_R WITH EXTERN	10.513	0.067	0.067
0.085			
K6D2AF_R WITH K6D2G_R	18.172	0.166	0.166
0.234			
K6D2AF_R WITH K6D2L_R	10.667	0.120	0.120
0.216			
K6D2AF_R WITH K6D2Y_R	41.170	0.197	0.197
0.326			
P5Q3M WITH SC9	45.676	−0.610	−0.610
−0.786			
P5Q3M WITH INCBCL	110.901	−0.611	−0.611
−0.788			
P5Q3M WITH EXCBCL	106.309	0.285	0.285
0.367			
P5Q3AF WITH INCBCL	18.778	−0.266	−0.266
−0.382			
P5Q3AF WITH EXCBCL	24.852	0.147	0.147
0.210			
P5Q3AH WITH INCBCL	13.856	−0.258	−0.258
−0.445			

P5Q3AH	WITH EXCBCL	16.366	0.135	0.135
0.233				
P5Q3AH	WITH P5Q3AF	13.713	0.151	0.151
0.375				
P5Q3AV	WITH P5Q3AB	23.165	0.191	0.191
0.300				
P5Q3CK	WITH SC9	24.399	−0.743	−0.743
−1.397				
P5Q3CK	WITH INCBCL	27.931	−0.461	−0.461
−0.866				
P5Q3CK	WITH EXCBCL	36.046	0.253	0.253
0.475				
P5Q3DB	WITH SC15	10.290	0.058	0.058
0.069				
P5Q3DB	WITH EXTERN	18.424	−0.085	−0.085
−0.102				
P5Q3DB	WITH EXCBCL	11.284	−0.086	−0.086
−0.102				
P5Q3DB	WITH K6D61L	10.710	−0.170	−0.170
−0.243				
P5Q3DB	WITH P5Q3AV	17.167	0.157	0.157
0.265				
P5Q3DB	WITH P5Q3BQ	21.968	0.148	0.148
0.214				
P5Q3E	WITH P5Q3DB	20.525	−0.207	−0.207
−0.277				
P5Q3A0	WITH PAF	10.272	−0.075	−0.075
−0.092				
P5Q3BK	WITH P5Q3A0	10.703	0.147	0.147
0.232				
P5Q3B0	WITH SC15	13.354	−0.075	−0.075
−0.094				
P5Q3B0	WITH EXTERN	24.376	0.109	0.109
0.137				
P5Q3B0	WITH INCBCL	31.383	−0.322	−0.322
−0.404				
P5Q3B0	WITH EXCBCL	40.001	0.173	0.173
0.217				
P5Q3B0	WITH P5Q3AF	13.190	−0.179	−0.179
−0.323				
P5Q3B0	WITH P5Q3BK	10.793	0.139	0.139
0.226				
P5Q3DA	WITH SC15	10.851	−0.084	−0.084
−0.116				
P5Q3DA	WITH INTERNAL	12.609	0.099	0.099
0.138				
P5Q3DA	WITH P5Q3A0	40.687	0.255	0.255
0.431				
P5Q3AZ	WITH P5Q3CU	23.881	0.226	0.226
0.419				

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P5Q3BB1   WITH SC9           17.735    0.440    0.440
0.562
P5Q3BB1   WITH INCBCL        35.597    0.399    0.399
0.509
P5Q3BB1   WITH EXCBCL        36.226   -0.193   -0.193
-0.246
P5Q3BB2   WITH SC9           14.322    0.345    0.345
0.396
P5Q3BB2   WITH INCBCL        39.414    0.371    0.371
0.426
P5Q3BB2   WITH EXCBCL        33.147   -0.162   -0.162
-0.186
P5Q3BB2   WITH P5Q3BB1      119.780    0.384    0.384
0.562
P5Q3BB5   WITH P5Q3BB1       10.461    0.168    0.168
0.234
P5Q3BB5   WITH P5Q3BB2       21.204    0.204    0.204
0.256
P5Q3BB6   WITH SC9           34.555    0.575    0.575
0.729
P5Q3BB6   WITH INCBCL        70.206    0.524    0.524
0.665
P5Q3BB6   WITH EXCBCL        71.849   -0.253   -0.253
-0.321
P5Q3BB6   WITH P5Q3BB1       89.207    0.341    0.341
0.552
P5Q3BB6   WITH P5Q3BB2      111.004    0.360    0.360
0.525
P5Q3BB6   WITH P5Q3BB5       29.644    0.243    0.243
0.337
P5Q3BB7   WITH EXTERN        10.027   -0.102   -0.102
-0.127
P5Q3BB7   WITH INCBCL        23.141    0.361    0.361
0.447
P5Q3BB7   WITH EXCBCL        23.893   -0.176   -0.176
-0.218
P5Q3BB7   WITH P5Q3BB1       18.424    0.229    0.229
0.361
P5Q3BB7   WITH P5Q3BB2       28.549    0.265    0.265
0.376
P5Q3BB7   WITH P5Q3BB5       11.444    0.193    0.193
0.260
P5Q3BB7   WITH P5Q3BB6      132.161    0.423    0.423
0.663
P5Q3X     WITH INTERNAL      10.002    0.068    0.068
0.083
P5Q3X     WITH P5Q3E         16.972    0.180    0.180
0.247
P5Q3AA    WITH SC9           97.282    0.415    0.415
0.607
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P5Q3AA	WITH EXTERN	11.008	0.064	0.064	0.093
P5Q3AA	WITH INCBCL	110.871	−0.417	−0.417	−0.609
P5Q3AA	WITH EXCBCL	113.773	0.370	0.370	0.541
P5Q3AA	WITH P5Q3DB	10.323	−0.120	−0.120	−0.209
P5Q3AA	WITH P5Q3BB6	13.398	−0.168	−0.168	−0.311
P5Q3AL	WITH SC15	11.376	0.077	0.077	0.097
P5Q3AL	WITH INTERNAL	14.561	−0.099	−0.099	−0.124
P5Q3AL	WITH PAF	15.170	0.099	0.099	0.124
P5Q3AL	WITH P5Q3AA	13.330	0.139	0.139	0.254
P5Q3AP	WITH P5Q3AA	17.165	0.117	0.117	0.235
P5Q3BI	WITH INCBCL	14.946	0.160	0.160	0.174
P5Q3BI	WITH EXCBCL	11.384	−0.121	−0.121	−0.132
P5Q3BI	WITH P5Q3BQ	19.122	0.146	0.146	0.192
P5Q3BZ	WITH INTERNAL	14.251	0.125	0.125	0.180
P5Q3BZ	WITH P5Q3B0	10.305	0.174	0.174	0.313
P5Q3BZ	WITH P5Q3AP	11.460	0.144	0.144	0.283
P5Q3CJ	WITH INCBCL	10.642	0.171	0.171	0.249
P5Q3C	WITH P5Q3DB	13.794	0.123	0.123	0.182
P5Q3R	WITH SC9	24.520	−0.204	−0.204	−0.261
P5Q3R	WITH INCBCL	29.130	0.211	0.211	0.269
P5Q3R	WITH EXCBCL	26.405	−0.176	−0.176	−0.225
P5Q3R	WITH P5Q3M	32.167	0.198	0.198	0.327
P5Q3R	WITH P5Q3AF	10.050	0.132	0.132	0.242
P5Q3S	WITH EXCBCL	15.037	0.154	0.154	0.239
P5Q3T	WITH SC9	11.863	0.165	0.165	0.263

P5Q3T	WITH INCBCL	15.880	−0.177	−0.177	−0.282
P5Q3T	WITH EXCBCL	17.134	0.162	0.162	0.259
P5Q3T	WITH P5Q3S	190.153	0.308	0.308	0.763
P5Q3U	WITH SC9	31.030	0.232	0.232	0.335
P5Q3U	WITH INCBCL	65.045	−0.315	−0.315	−0.454
P5Q3U	WITH EXCBCL	49.846	0.242	0.242	0.349
P5Q3U	WITH P5Q3AA	103.355	0.225	0.225	0.475
P5Q3U	WITH P5Q3C	20.812	0.124	0.124	0.223
P5Q3V	WITH SC9	80.505	0.398	0.398	0.558
P5Q3V	WITH INTERNAL	11.564	−0.072	−0.072	−0.101
P5Q3V	WITH INCBCL	123.735	−0.463	−0.463	−0.651
P5Q3V	WITH EXCBCL	102.007	0.369	0.369	0.518
P5Q3V	WITH P5Q3BQ	12.020	−0.134	−0.134	−0.227
P5Q3V	WITH P5Q3DB	16.775	−0.164	−0.164	−0.274
P5Q3V	WITH P5Q3BB6	13.496	−0.181	−0.181	−0.323
P5Q3V	WITH P5Q3AA	164.567	0.276	0.276	0.566
P5Q3V	WITH P5Q3AL	18.168	0.159	0.159	0.279
P5Q3V	WITH P5Q3U	166.119	0.279	0.279	0.566
P5Q3AJ	WITH INTERNAL	14.048	−0.105	−0.105	−0.153
P5Q3AJ	WITH K6D61D	13.885	0.197	0.197	0.373
P5Q3AJ	WITH P5Q3AL	18.513	0.185	0.185	0.340
P5Q3AJ	WITH P5Q3V	19.942	0.159	0.159	0.328
P5Q3BN	WITH SC9	12.391	−0.164	−0.164	−0.231
P5Q3BN	WITH INCBCL	17.009	0.179	0.179	0.252
P5Q3BN	WITH EXCBCL	12.123	−0.133	−0.133	−0.188

P5Q3BN	WITH P5Q3M	24.304	0.190	0.190
0.345				
P5Q3BN	WITH P5Q3AF	12.679	0.151	0.151
0.306				
P5Q3BN	WITH P5Q3AL	10.059	−0.164	−0.164
−0.289				
P5Q3BN	WITH P5Q3V	21.846	−0.195	−0.195
−0.385				
P5Q3CF	WITH P5Q3T	10.803	−0.129	−0.129
−0.296				
P5Q3CF	WITH P5Q3V	12.213	−0.126	−0.126
−0.255				
P5Q3CG	WITH SC9	67.263	−0.355	−0.355
−0.521				
P5Q3CG	WITH EXTERN	10.535	−0.067	−0.067
−0.098				
P5Q3CG	WITH INCBCL	77.854	0.354	0.354
0.521				
P5Q3CG	WITH EXCBCL	80.350	−0.318	−0.318
−0.468				
P5Q3CG	WITH P5Q3B0	17.751	0.154	0.154
0.284				
P5Q3CG	WITH P5Q3AA	22.890	−0.167	−0.167
−0.360				
P5Q3CG	WITH P5Q3AP	10.182	−0.119	−0.119
−0.240				
P5Q3CG	WITH P5Q3U	20.581	−0.159	−0.159
−0.337				
P5Q3CG	WITH P5Q3V	24.765	−0.195	−0.195
−0.403				
P5Q3CG	WITH P5Q3CF	19.359	0.121	0.121
0.258				
P5Q3CH	WITH SC9	142.624	−0.579	−0.579
−0.801				
P5Q3CH	WITH EXTERN	15.455	−0.094	−0.094
−0.130				
P5Q3CH	WITH INCBCL	152.318	0.555	0.555
0.767				
P5Q3CH	WITH EXCBCL	153.214	−0.493	−0.493
−0.681				
P5Q3CH	WITH P5Q3M	11.754	0.149	0.149
0.265				
P5Q3CH	WITH P5Q3AH	11.391	0.168	0.168
0.402				
P5Q3CH	WITH P5Q3AV	15.451	0.175	0.175
0.341				
P5Q3CH	WITH P5Q3AX	10.543	0.167	0.167
0.348				
P5Q3CH	WITH P5Q3BQ	10.910	0.133	0.133
0.223				

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P5Q3CH    WITH P5Q3AA              17.821    -0.179    -0.179
-0.363
P5Q3CH    WITH P5Q3O               13.138    -0.187    -0.187
-0.392
P5Q3CH    WITH P5Q3V               21.610    -0.217    -0.217
-0.422
P5Q3CH    WITH P5Q3AJ              11.231    -0.189    -0.189
-0.382
P5Q3CH    WITH P5Q3CG              11.577     0.120     0.120
0.244
P5Q3CI    WITH SC9                116.999    -0.575    -0.575
-0.751
P5Q3CI    WITH INCBCL             137.619     0.578     0.578
0.753
P5Q3CI    WITH EXCBCL             120.958    -0.480    -0.480
-0.626
P5Q3CI    WITH P5Q3AD              10.249     0.161     0.161
0.263
P5Q3CI    WITH P5Q3BQ              10.445     0.145     0.145
0.229
P5Q3CI    WITH P5Q3BO              10.292     0.151     0.151
0.248
P5Q3CI    WITH P5Q3CU              14.191     0.199     0.199
0.331
P5Q3CI    WITH P5Q3AA              22.349    -0.223    -0.223
-0.425
P5Q3CI    WITH P5Q3C               12.915    -0.180    -0.180
-0.291
P5Q3CI    WITH P5Q3U               17.954    -0.204    -0.204
-0.385
P5Q3CI    WITH P5Q3V               19.962    -0.227    -0.227
-0.417
P5Q3CO    WITH EXCBCL              10.131     0.113     0.113
0.172
P5Q3CO    WITH P5Q3BN              17.487     0.126     0.126
0.269
P5Q3CO    WITH P5Q3CF              22.212     0.127     0.127
0.278
P5Q3CW    WITH PAF                 14.447     0.084     0.084
0.108
P5Q3CW    WITH P5Q3BN              10.929     0.117     0.117
0.213


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       Ending Time:  15:53:44
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