```
# USEPA TCE MODEL VERSION 1.2.3.3

Integrate(Lsodes, 1.0e-5, 0.3e-8, 1);
MCMC ("TCE.1.2.3.3.Mouse.pop.example.out", "", "", 250, 0, 5, 250, 1.23456);

Level { #Population level

#Error distributions

#       Distrib( Ve_RetDose , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CAlv , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CAlvPPM , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_CInhPPM , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CInh , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CMixExh , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CArt , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_CVen , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_CBldMix , LogUniform , 0.01 , 3.3 );
#
        Distrib( Ve_CFat , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CGut , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CRap , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CSlw , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CHrt , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_CKid , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_CLiv , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CLung , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CMus , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CSpl , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CBrn , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_zAExh , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_zAExhpost , LogUniform , 0.01 , 3.3 );
#
#
        Distrib( Ve_CTCOH , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CKidTCOH , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_CLivTCOH , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CLungTCOH , LogUniform , 0.01 , 3.3 );
#
#
        Distrib( Ve_CPlasTCA , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_CBldTCA , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CBodTCA , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CKidTCA , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_CLivTCA , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CLungTCA , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_zAUrnTCA , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_zAUrnTCA_collect , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_zAUrnTCA_sat , LogUniform , 0.01 , 3.3 );
#
#
#       Distrib( Ve_zABileTCOG , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CTCOG , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_CTCOGTCOH , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CKidTCOGTCOH , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_CLivTCOGTCOH , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_CLungTCOGTCOH , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_AUrnTCOGTCOH , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_AUrnTCOGTCOH_collect , LogUniform , 0.01 , 3.3 );
#
#       Distrib( Ve_AUrnTCOGTCOH_sat , LogUniform , 0.01 , 3.3 );
#
#
#       Distrib( Ve_CDCVGmol , LogUniform , 0.1 , 3.3 );
#       Distrib( Ve_zAUrnNDCVC , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_AUrnTCTotMole , LogUniform , 0.01 , 3.3 );
        Distrib( Ve_TotCTCOH , LogUniform , 0.01 , 3.3 );
#       Distrib( Ve_QPsamp , LogUniform , 0.01 , 3.3 );


###### POPULATION MEANS

Distrib(        M_lnQCC TruncNormal     0.0     0.2     -0.8    0.8     );

Distrib(        M_lnVPRC        TruncNormal     0.0     0.2     -0.8    0.8     );

Distrib(        M_QFatC TruncNormal     1.0     0.46    0.08    1.92    );
Distrib(        M_QGutC TruncNormal     1.0     0.17    0.66    1.34    );
Distrib(        M_QLivC TruncNormal     1.0     0.17    0.66    1.34    );
Distrib(        M_QSlwC TruncNormal     1.0     0.29    0.42    1.58    );
Distrib(        M_lnDRespC      Uniform                 -11.513 2.303   );
Distrib(        M_QKidC TruncNormal     1.0     0.32    0.36    1.64    );
Distrib(        M_FracPlasC     TruncNormal     1.0     0.2     0.4     1.6     );


Distrib(        M_VFatC TruncNormal     1.0     0.45    0.1     1.9     );
Distrib(        M_VGutC TruncNormal     1.0     0.13    0.74    1.26    );
Distrib(        M_VLivC TruncNormal     1.0     0.24    0.52    1.48    );
Distrib(        M_VRapC TruncNormal     1.0     0.1     0.8     1.2     );
Distrib(        M_VRespLumC     TruncNormal     1.0     0.11    0.78    1.22    );
Distrib(        M_VRespEffC     TruncNormal     1.0     0.11    0.78    1.22    );
Distrib(        M_VKidC TruncNormal     1.0     0.1     0.8     1.2     );
Distrib(        M_VBldC TruncNormal     1.0     0.12    0.76    1.24    );
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Distrib(        M_lnPBC TruncNormal     0.0     0.25    -0.75   0.75    );
Distrib(        M_lnPFatC       TruncNormal     0.0     0.3     -0.9    0.9     );
Distrib(        M_lnPGutC       TruncNormal     0.0     0.4     -1.2    1.2     );
Distrib(        M_lnPLivC       TruncNormal     0.0     0.4     -1.2    1.2     );
Distrib(        M_lnPRapC       TruncNormal     0.0     0.4     -1.2    1.2     );
Distrib(        M_lnPRespC      TruncNormal     0.0     0.4     -1.2    1.2     );
Distrib(        M_lnPKidC       TruncNormal     0.0     0.4     -1.2    1.2     );
Distrib(        M_lnPSlwC       TruncNormal     0.0     0.4     -1.2    1.2     );


Distrib(        M_lnPRBCPlasTCAC        Uniform                 -4.605  4.605   );
Distrib(        M_lnPBodTCAC    TruncNormal     0.0     0.336   -1.008  1.008   );
Distrib(        M_lnPLivTCAC    TruncNormal     0.0     0.336   -1.008  1.008   );


Distrib(        M_lnkDissocC    TruncNormal     0.0     1.191   -3.573  3.573   );
Distrib(        M_lnBMaxkDC     TruncNormal     0.0     0.495   -1.485  1.485   );


Distrib(        M_lnPBodTCOHC   TruncNormal     0.0     0.336   -1.008  1.008   );
Distrib(        M_lnPLivTCOHC   TruncNormal     0.0     0.336   -1.008  1.008   );
Distrib(        M_lnPBodTCOGC   Uniform                -4.605  4.605   );
Distrib(        M_lnPLivTCOGC   Uniform                -4.605  4.605   );
Distrib(        M_lnPeffDCVG    Uniform                 -6.908  6.908   );


Distrib(        M_lnkTSD        Uniform                 -4.269  4.942   );
Distrib(        M_lnkAS Uniform                 -6.571  7.244   );
Distrib(        M_lnkTD Uniform                 -4.605  0       );
Distrib(        M_lnkAD Uniform                 -7.195  6.62    );
Distrib(        M_lnkASTCA      Uniform                 -7.195  6.62    );
Distrib(        M_lnkASTCOH     Uniform                 -7.195  6.62    );


Distrib(        M_lnVMaxC       TruncNormal     0.0     0.693   -2.079  2.079   );
Distrib(        M_lnKMC TruncNormal     0.0     1.386   -4.158  4.158   );
#Distrib(       M_lnClC Normal                  0       1       );
Distrib(        M_lnFracOtherC  Uniform                 -6.908  6.908   );
Distrib(        M_lnFracTCAC    TruncNormal     0.0     1.163   -3.489  3.489   );
Distrib(        M_lnVMaxDCVGC   Uniform                 -4.605  9.21    );
Distrib(        M_lnClDCVGC     Uniform                 -4.605  9.21    );
#Distrib(       M_lnKMDCVGC     Normal                  0       1       );
Distrib(        M_lnVMaxKidDCVGC        Uniform                 -4.605  9.21    );
Distrib(        M_lnClKidDCVGC  Uniform                 -4.605  9.21    );
#Distrib(       M_lnKMKidDCVGC  Normal                  0       1       );
Distrib(        M_lnVMaxLungLivC        TruncNormal     0.0     1.099   -3.297  3.297   );
Distrib(        M_lnKMClara     Uniform                 -6.908  6.908   );
Distrib(        M_lnFracLungSysC        Uniform                 -6.908  6.908   );


Distrib(        M_lnVMaxTCOHC   Uniform                 -9.21   9.21    );
#Distrib(       M_lnClTCOHC     Normal                  0       1       );
Distrib(        M_lnKMTCOH      Uniform                 -9.21   9.21    );
Distrib(        M_lnVMaxGlucC   Uniform                 -9.21   9.21    );
#Distrib(       M_lnClGlucC     Normal                  0       1       );
Distrib(        M_lnKMGluc      Uniform                 -6.908  6.908   );
Distrib(        M_lnkMetTCOHC   Uniform                 -11.513 6.908   );


Distrib(        M_lnkUrnTCAC    Uniform                 -4.605  4.605   );
Distrib(        M_lnkMetTCAC    Uniform                 -9.21   4.605   );


Distrib(        M_lnkBileC      Uniform                 -9.21   4.605   );
Distrib(        M_lnkEHRC       Uniform                 -9.21   4.605   );
Distrib(        M_lnkUrnTCOGC   Uniform                 -6.908  6.908   );


Distrib(        M_lnFracKidDCVCC        Uniform                 -6.908  6.908   );
Distrib(        M_lnkDCVGC      Uniform                 -9.21   4.605   );


Distrib(        M_lnkNATC       Uniform                 -9.21   4.605   );
Distrib(        M_lnkKidBioactC Uniform                 -9.21   4.605   );

###### POPULATION VARIANCES

Distrib(        V_lnQCC InvGamma        2.25    0.0500  );

Distrib(        V_lnVPRC        InvGamma        2.25    0.0500  );

Distrib(        V_QFatC InvGamma        6       1.0580  );
Distrib(        V_QGutC InvGamma        6       0.1445  );
Distrib(        V_QLivC InvGamma        6       0.1445  );
Distrib(        V_QSlwC InvGamma        6       0.4205  );
Distrib(        V_lnDRespC      InvGamma        6       0.2000  );
Distrib(        V_QKidC InvGamma        6       0.5120  );
Distrib(        V_FracPlasC     InvGamma        6       0.2000  );


Distrib(        V_VFatC InvGamma        6       1.0125  );
Distrib(        V_VGutC InvGamma        6       0.0845  );
Distrib(        V_VLivC InvGamma        6       0.2880  );
Distrib(        V_VRapC InvGamma        6       0.0500  );
Distrib(        V_VRespLumC     InvGamma        6       0.0605  );
Distrib(        V_VRespEffC     InvGamma        6       0.0605  );
Distrib(        V_VKidC InvGamma        6       0.0500  );
Distrib(        V_VBldC InvGamma        6       0.0720  );
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Distrib(        V_lnPBC InvGamma        2.25    0.0781  );
Distrib(        V_lnPFatC       InvGamma        2.25    0.1125  );
Distrib(        V_lnPGutC       InvGamma        2.25    0.2000  );
Distrib(        V_lnPLivC       InvGamma        2.25    0.2000  );
Distrib(        V_lnPRapC       InvGamma        2.25    0.2000  );
Distrib(        V_lnPRespC      InvGamma        2.25    0.2000  );
Distrib(        V_lnPKidC       InvGamma        2.25    0.2000  );
Distrib(        V_lnPSlwC       InvGamma        2.25    0.2000  );


Distrib(        V_lnPRBCPlasTCAC        InvGamma        2.25    0.1411  );
Distrib(        V_lnPBodTCAC    InvGamma        2.25    0.1411  );
Distrib(        V_lnPLivTCAC    InvGamma        2.25    0.1411  );


Distrib(        V_lnkDissocC    InvGamma        2.25    1.7731  );
Distrib(        V_lnBMaxkDC     InvGamma        2.25    0.3063  );


Distrib(        V_lnPBodTCOHC   InvGamma        2.25    0.1411  );
Distrib(        V_lnPLivTCOHC   InvGamma        2.25    0.1411  );
Distrib(        V_lnPBodTCOGC   InvGamma        2.25    0.2000  );
Distrib(        V_lnPLivTCOGC   InvGamma        2.25    0.2000  );
Distrib(        V_lnPeffDCVG    InvGamma        2.25    0.2000  );


Distrib(        V_lnkTSD        InvGamma        2.25    5.0000  );
Distrib(        V_lnkAS InvGamma        2.25    5.0000  );
Distrib(        V_lnkTD InvGamma        2.25    5.0000  );
Distrib(        V_lnkAD InvGamma        2.25    5.0000  );
Distrib(        V_lnkASTCA      InvGamma        2.25    5.0000  );
Distrib(        V_lnkASTCOH     InvGamma        2.25    5.0000  );


Distrib(        V_lnVMaxC       InvGamma        3       1.3585  );
Distrib(        V_lnKMC InvGamma        3       0.1458  );
#Distrib(       V_lnClC InvGamma        #DIV/0! #DIV/0! );
Distrib(        V_lnFracOtherC  InvGamma        2.25    0.3125  );
Distrib(        V_lnFracTCAC    InvGamma        2.25    0.3125  );
Distrib(        V_lnVMaxDCVGC   InvGamma        2.25    0.3125  );
Distrib(        V_lnClDCVGC     InvGamma        2.25    0.3125  );
#Distrib(       V_lnKMDCVGC     InvGamma        #DIV/0! #DIV/0! );
Distrib(        V_lnVMaxKidDCVGC        InvGamma        2.25    0.3125  );
Distrib(        V_lnClKidDCVGC  InvGamma        2.25    0.3125  );
#Distrib(       V_lnKMKidDCVGC  InvGamma        #DIV/0! #DIV/0! );
Distrib(        V_lnVMaxLungLivC        InvGamma        2.25    0.3125  );
Distrib(        V_lnKMClara     InvGamma        2.25    0.3125  );
Distrib(        V_lnFracLungSysC        InvGamma        2.25    0.3125  );


Distrib(        V_lnVMaxTCOHC   InvGamma        2.25    0.3125  );
#Distrib(       V_lnClTCOHC     InvGamma        #DIV/0! #DIV/0! );
Distrib(        V_lnKMTCOH      InvGamma        2.25    0.3125  );
Distrib(        V_lnVMaxGlucC   InvGamma        2.25    0.3125  );
#Distrib(       V_lnClGlucC     InvGamma        #DIV/0! #DIV/0! );
Distrib(        V_lnKMGluc      InvGamma        2.25    0.3125  );
Distrib(        V_lnkMetTCOHC   InvGamma        2.25    0.3125  );


Distrib(        V_lnkUrnTCAC    InvGamma        2.25    0.3125  );
Distrib(        V_lnkMetTCAC    InvGamma        2.25    0.3125  );


Distrib(        V_lnkBileC      InvGamma        2.25    0.3125  );
Distrib(        V_lnkEHRC       InvGamma        2.25    0.3125  );
Distrib(        V_lnkUrnTCOGC   InvGamma        2.25    0.3125  );


Distrib(        V_lnFracKidDCVCC        InvGamma        2.25    0.3125  );
Distrib(        V_lnkDCVGC      InvGamma        2.25    0.3125  );


Distrib(        V_lnkNATC       InvGamma        2.25    0.3125  );
Distrib(        V_lnkKidBioactC InvGamma        2.25    0.3125  );

#Likelihoods

#       Likelihood( RetDose , LogNormal_v , Prediction( RetDose ) , Ve_RetDose );
#       Likelihood( CAlv , LogNormal_v , Prediction( CAlv ) , Ve_CAlv );
#       Likelihood( CAlvPPM , LogNormal_v , Prediction( CAlvPPM ) , Ve_CAlvPPM );
        Likelihood( CInhPPM , LogNormal_v , Prediction( CInhPPM ) , Ve_CInhPPM );
#       Likelihood( CInh , LogNormal_v , Prediction( CInh ) , Ve_CInh );
#       Likelihood( CMixExh , LogNormal_v , Prediction( CMixExh ) , Ve_CMixExh );
#       Likelihood( CArt , LogNormal_v , Prediction( CArt ) , Ve_CArt );
        Likelihood( CVen , LogNormal_v , Prediction( CVen ) , Ve_CVen );
        Likelihood( CBldMix , LogNormal_v , Prediction( CBldMix ) , Ve_CBldMix );
#
        Likelihood( CFat , LogNormal_v , Prediction( CFat ) , Ve_CFat );
#       Likelihood( CGut , LogNormal_v , Prediction( CGut ) , Ve_CGut );
#       Likelihood( CRap , LogNormal_v , Prediction( CRap ) , Ve_CRap );
#       Likelihood( CSlw , LogNormal_v , Prediction( CSlw ) , Ve_CSlw );
#       Likelihood( CHrt , LogNormal_v , Prediction( CHrt ) , Ve_CHrt );
        Likelihood( CKid , LogNormal_v , Prediction( CKid ) , Ve_CKid );
        Likelihood( CLiv , LogNormal_v , Prediction( CLiv ) , Ve_CLiv );
#       Likelihood( CLung , LogNormal_v , Prediction( CLung ) , Ve_CLung );
#       Likelihood( CMus , LogNormal_v , Prediction( CMus ) , Ve_CMus );
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#       Likelihood( CSpl , LogNormal_v , Prediction( CSpl ) , Ve_CSpl );
#       Likelihood( CBrn , LogNormal_v , Prediction( CBrn ) , Ve_CBrn );
#       Likelihood( zAExh , LogNormal_v , Prediction( zAExh ) , Ve_zAExh );
        Likelihood( zAExhpost , LogNormal_v , Prediction( zAExhpost ) , Ve_zAExhpost );
#
#
        Likelihood( CTCOH , LogNormal_v , Prediction( CTCOH ) , Ve_CTCOH );
#       Likelihood( CKidTCOH , LogNormal_v , Prediction( CKidTCOH ) , Ve_CKidTCOH );
        Likelihood( CLivTCOH , LogNormal_v , Prediction( CLivTCOH ) , Ve_CLivTCOH );
#       Likelihood( CLungTCOH , LogNormal_v , Prediction( CLungTCOH ) , Ve_CLungTCOH );
#
#
        Likelihood( CPlasTCA , LogNormal_v , Prediction( CPlasTCA ) , Ve_CPlasTCA );
        Likelihood( CBldTCA , LogNormal_v , Prediction( CBldTCA ) , Ve_CBldTCA );
#       Likelihood( CBodTCA , LogNormal_v , Prediction( CBodTCA ) , Ve_CBodTCA );
#       Likelihood( CKidTCA , LogNormal_v , Prediction( CKidTCA ) , Ve_CKidTCA );
        Likelihood( CLivTCA , LogNormal_v , Prediction( CLivTCA ) , Ve_CLivTCA );
#       Likelihood( CLungTCA , LogNormal_v , Prediction( CLungTCA ) , Ve_CLungTCA );
        Likelihood( zAUrnTCA , LogNormal_v , Prediction( zAUrnTCA ) , Ve_zAUrnTCA );
#       Likelihood( zAUrnTCA_collect , LogNormal_v , Prediction( zAUrnTCA_collect ) , Ve_zAUrnTCA_collect );
#       Likelihood( zAUrnTCA_sat , LogNormal_v , Prediction( zAUrnTCA_sat ) , Ve_zAUrnTCA_sat );
#
#
#       Likelihood( zABileTCOG , LogNormal_v , Prediction( zABileTCOG ) , Ve_zABileTCOG );
#       Likelihood( CTCOG , LogNormal_v , Prediction( CTCOG ) , Ve_CTCOG );
        Likelihood( CTCOGTCOH , LogNormal_v , Prediction( CTCOGTCOH ) , Ve_CTCOGTCOH );
#       Likelihood( CKidTCOGTCOH , LogNormal_v , Prediction( CKidTCOGTCOH ) , Ve_CKidTCOGTCOH );
        Likelihood( CLivTCOGTCOH , LogNormal_v , Prediction( CLivTCOGTCOH ) , Ve_CLivTCOGTCOH );
#       Likelihood( CLungTCOGTCOH , LogNormal_v , Prediction( CLungTCOGTCOH ) , Ve_CLungTCOGTCOH );
        Likelihood( AUrnTCOGTCOH , LogNormal_v , Prediction( AUrnTCOGTCOH ) , Ve_AUrnTCOGTCOH );
#       Likelihood( AUrnTCOGTCOH_collect , LogNormal_v , Prediction( AUrnTCOGTCOH_collect ) , Ve_AUrnTCOGTCOH_collect );
#
#       Likelihood( AUrnTCOGTCOH_sat , LogNormal_v , Prediction( AUrnTCOGTCOH_sat ) , Ve_AUrnTCOGTCOH_sat );
#
#
#       Likelihood( CDCVGmol , LogNormal_v , Prediction( CDCVGmol ) , Ve_CDCVGmol );
#       Likelihood( zAUrnNDCVC , LogNormal_v , Prediction( zAUrnNDCVC ) , Ve_zAUrnNDCVC );
#       Likelihood( AUrnTCTotMole , LogNormal_v , Prediction( AUrnTCTotMole ) , Ve_AUrnTCTotMole );
        Likelihood( TotCTCOH , LogNormal_v , Prediction( TotCTCOH ) , Ve_TotCTCOH );
#       Likelihood( QPsamp , LogNormal_v , Prediction( QPsamp ) , Ve_QPsamp );


Level { #Subject/group level

Distrib(        lnQCC   TruncNormal_v   M_lnQCC V_lnQCC -0.8    0.8     );

Distrib(        lnVPRC  TruncNormal_v   M_lnVPRC        V_lnVPRC        -0.8    0.8     );

Distrib(        QFatC   TruncNormal_v   M_QFatC V_QFatC 0.08    1.92    );
Distrib(        QGutC   TruncNormal_v   M_QGutC V_QGutC 0.66    1.34    );
Distrib(        QLivC   TruncNormal_v   M_QLivC V_QLivC 0.66    1.34    );
Distrib(        QSlwC   TruncNormal_v   M_QSlwC V_QSlwC 0.42    1.58    );
Distrib(        lnDRespC        TruncNormal_v   M_lnDRespC      V_lnDRespC      -11.513 2.303   );
Distrib(        QKidC   TruncNormal_v   M_QKidC V_QKidC 0.36    1.64    );
Distrib(        FracPlasC       TruncNormal_v   M_FracPlasC     V_FracPlasC     0.4     1.6     );


Distrib(        VFatC   TruncNormal_v   M_VFatC V_VFatC 0.1     1.9     );
Distrib(        VGutC   TruncNormal_v   M_VGutC V_VGutC 0.74    1.26    );
Distrib(        VLivC   TruncNormal_v   M_VLivC V_VLivC 0.52    1.48    );
Distrib(        VRapC   TruncNormal_v   M_VRapC V_VRapC 0.8     1.2     );
Distrib(        VRespLumC       TruncNormal_v   M_VRespLumC     V_VRespLumC     0.78    1.22    );
Distrib(        VRespEffC       TruncNormal_v   M_VRespEffC     V_VRespEffC     0.78    1.22    );
Distrib(        VKidC   TruncNormal_v   M_VKidC V_VKidC 0.8     1.2     );
Distrib(        VBldC   TruncNormal_v   M_VBldC V_VBldC 0.76    1.24    );





Distrib(        lnPBC   TruncNormal_v   M_lnPBC V_lnPBC -0.75   0.75    );
Distrib(        lnPFatC TruncNormal_v   M_lnPFatC       V_lnPFatC       -0.9    0.9     );
Distrib(        lnPGutC TruncNormal_v   M_lnPGutC       V_lnPGutC       -1.2    1.2     );
Distrib(        lnPLivC TruncNormal_v   M_lnPLivC       V_lnPLivC       -1.2    1.2     );
Distrib(        lnPRapC TruncNormal_v   M_lnPRapC       V_lnPRapC       -1.2    1.2     );
Distrib(        lnPRespC        TruncNormal_v   M_lnPRespC      V_lnPRespC      -1.2    1.2     );
Distrib(        lnPKidC TruncNormal_v   M_lnPKidC       V_lnPKidC       -1.2    1.2     );
Distrib(        lnPSlwC TruncNormal_v   M_lnPSlwC       V_lnPSlwC       -1.2    1.2     );


Distrib(        lnPRBCPlasTCAC  TruncNormal_v   M_lnPRBCPlasTCAC        V_lnPRBCPlasTCAC        -4.605  4.605   );
Distrib(        lnPBodTCAC      TruncNormal_v   M_lnPBodTCAC    V_lnPBodTCAC    -1.008  1.008   );
Distrib(        lnPLivTCAC      TruncNormal_v   M_lnPLivTCAC    V_lnPLivTCAC    -1.008  1.008   );


Distrib(        lnkDissocC      TruncNormal_v   M_lnkDissocC    V_lnkDissocC    -3.573  3.573   );
Distrib(        lnBMaxkDC       TruncNormal_v   M_lnBMaxkDC     V_lnBMaxkDC     -1.485  1.485   );


Distrib(        lnPBodTCOHC     TruncNormal_v   M_lnPBodTCOHC   V_lnPBodTCOHC   -1.008  1.008   );
Distrib(        lnPLivTCOHC     TruncNormal_v   M_lnPLivTCOHC   V_lnPLivTCOHC   -1.008  1.008   );
Distrib(        lnPBodTCOGC     TruncNormal_v   M_lnPBodTCOGC   V_lnPBodTCOGC   -4.605  4.605   );
Distrib(        lnPLivTCOGC     TruncNormal_v   M_lnPLivTCOGC   V_lnPLivTCOGC   -4.605  4.605   );
Distrib(        lnPeffDCVG      TruncNormal_v   M_lnPeffDCVG    V_lnPeffDCVG    -6.908  6.908   );


Distrib(        lnkTSD  TruncNormal_v   M_lnkTSD        V_lnkTSD        -4.269  4.942   );
Distrib(        lnkAS   TruncNormal_v   M_lnkAS V_lnkAS -6.571  7.244   );
Distrib(        lnkTD   TruncNormal_v   M_lnkTD V_lnkTD -4.605  0       );
```

```
Distrib(        lnkAD   TruncNormal_v   M_lnkAD V_lnkAD -7.195  6.62    );
Distrib(        lnkASTCA        TruncNormal_v   M_lnkASTCA      V_lnkASTCA      -7.195  6.62    );
Distrib(        lnkASTCOH       TruncNormal_v   M_lnkASTCOH     V_lnkASTCOH     -7.195  6.62    );


Distrib(        lnVMaxC TruncNormal_v   M_lnVMaxC       V_lnVMaxC       -2.079  2.079   );
Distrib(        lnKMC   TruncNormal_v   M_lnKMC V_lnKMC -4.158  4.158   );
#Distrib(       lnClC   TruncNormal_v   M_lnClC V_lnClC 0       1       );
Distrib(        lnFracOtherC    TruncNormal_v   M_lnFracOtherC  V_lnFracOtherC  -6.908  6.908   );
Distrib(        lnFracTCAC      TruncNormal_v   M_lnFracTCAC    V_lnFracTCAC    -3.489  3.489   );
Distrib(        lnVMaxDCVGC     TruncNormal_v   M_lnVMaxDCVGC   V_lnVMaxDCVGC   -4.605  9.21    );
Distrib(        lnClDCVGC       TruncNormal_v   M_lnClDCVGC     V_lnClDCVGC     -4.605  9.21    );
#Distrib(       lnKMDCVGC       TruncNormal_v   M_lnKMDCVGC     V_lnKMDCVGC     0       1       );
Distrib(        lnVMaxKidDCVGC  TruncNormal_v   M_lnVMaxKidDCVGC        V_lnVMaxKidDCVGC        -4.605  9.21    );
Distrib(        lnClKidDCVGC    TruncNormal_v   M_lnClKidDCVGC  V_lnClKidDCVGC  -4.605  9.21    );
#Distrib(       lnKMKidDCVGC    TruncNormal_v   M_lnKMKidDCVGC  V_lnKMKidDCVGC  0       1       );
Distrib(        lnVMaxLungLivC  TruncNormal_v   M_lnVMaxLungLivC        V_lnVMaxLungLivC        -3.297  3.297   );
Distrib(        lnKMClara       TruncNormal_v   M_lnKMClara     V_lnKMClara     -6.908  6.908   );
Distrib(        lnFracLungSysC  TruncNormal_v   M_lnFracLungSysC        V_lnFracLungSysC        -6.908  6.908   );


Distrib(        lnVMaxTCOHC     TruncNormal_v   M_lnVMaxTCOHC   V_lnVMaxTCOHC   -9.21   9.21    );
#Distrib(       lnClTCOHC       TruncNormal_v   M_lnClTCOHC     V_lnClTCOHC     0       1       );
Distrib(        lnKMTCOH        TruncNormal_v   M_lnKMTCOH      V_lnKMTCOH      -9.21   9.21    );
Distrib(        lnVMaxGlucC     TruncNormal_v   M_lnVMaxGlucC   V_lnVMaxGlucC   -9.21   9.21    );
#Distrib(       lnClGlucC       TruncNormal_v   M_lnClGlucC     V_lnClGlucC     0       1       );
Distrib(        lnKMGluc        TruncNormal_v   M_lnKMGluc      V_lnKMGluc      -6.908  6.908   );
Distrib(        lnkMetTCOHC     TruncNormal_v   M_lnkMetTCOHC   V_lnkMetTCOHC   -11.513 6.908   );


Distrib(        lnkUrnTCAC      TruncNormal_v   M_lnkUrnTCAC    V_lnkUrnTCAC    -4.605  4.605   );
Distrib(        lnkMetTCAC      TruncNormal_v   M_lnkMetTCAC    V_lnkMetTCAC    -9.21   4.605   );


Distrib(        lnkBileC        TruncNormal_v   M_lnkBileC      V_lnkBileC      -9.21   4.605   );
Distrib(        lnkEHRC TruncNormal_v   M_lnkEHRC       V_lnkEHRC       -9.21   4.605   );
Distrib(        lnkUrnTCOGC     TruncNormal_v   M_lnkUrnTCOGC   V_lnkUrnTCOGC   -6.908  6.908   );


Distrib(        lnFracKidDCVCC  TruncNormal_v   M_lnFracKidDCVCC        V_lnFracKidDCVCC        -6.908  6.908   );
Distrib(        lnkDCVGC        TruncNormal_v   M_lnkDCVGC      V_lnkDCVGC      -9.21   4.605   );


Distrib(        lnkNATC TruncNormal_v   M_lnkNATC       V_lnkNATC       -9.21   4.605   );
Distrib(        lnkKidBioactC   TruncNormal_v   M_lnkKidBioactC V_lnkKidBioactC -9.21   4.605   );

Species = 3;

############### DATA USED IN CALIBRATION #############

############

######## BEGIN GROUP 1
Level {
#### BEGIN Abbas97a

Experiment { # Begin Abbas97a TCEmceB6aMorloil12e
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0275 ;

# Exposure/Dosing
PDose = NDoses(2, 1200 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 24, 48, 72, 96, 120, 144 );
Data( AUrnTCOGTCOH , 8.23, 11.263, 12.195, 12.409, 12.641, 12.709 );
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8, 16, 24, 30, 40 );
Data( CBldTCA , 16.5, 23.1, 29.2, 36.1, 41.8, 59.1, 64, 70.2, 94.1, 90.8, 65.2, 43.86, 41.48, 9.15 );
Print( CFat , 0.083, 0.17, 0.25, 0.5, 0.75, 1.5, 2, 3, 4, 6, 8, 16, 24 );
Data( CFat , 61.53, 156.7, 567.2, 826, 865.3, 1199.9, 1050.5, 550.2, 485, 219.2, 293.7, 4.4, 1.446 );
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0.083, 0.17, 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 6, 8, 16, 24 );
Data( CKid , 144.9, 171.3, 265.6, 282.6, 1095.6, 690.1, 303.8, 109.8, 32.4, 40.2, 17.3, 3.6, 2.2 );
Print( CLiv , 0.083, 0.17, 0.25, 0.5, 0.75, 1, 1.5, 2, 4, 6, 8, 16, 24 );
Data( CLiv , 522.6, 585.3, 499.4, 408, 289.8, 228.8, 63.04, 38.97, 26.5, 15.37, 14.97, 12.86, 1.79 );
Print( CLivTCA , 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8, 16, 24, 30, 40 );
Data( CLivTCA , 11.09, 16.95, 20.09, 26.02, 29.44, 35.65, 37.76, 42.07, 43.92, 57.83, 27.71, 18.801, 22.67, 6.34 );
Print( CLivTCOGTCOH , 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8 );
Data( CLivTCOGTCOH , 23.67, 23.3, 19.03, 34.89, 54.87, 62.31, 74.66, 76.92, 26.66, 55.43 );
Print( CLivTCOH , 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8, 16 );
Data( CLivTCOH , 65.35, 75.33, 98.28, 105.3, 88.25, 92.24, 55.03, 57.64, 35.96, 37.45, 10.12 );
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8, 16 );
Data( CTCOGTCOH , 62.12, 63.13, 67.59, 50.86, 64.31, 95.02, 41.5, 46.7, 51.86, 40.88, 10.11 );
Print( CTCOH , 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 12 );
Data( CTCOH , 18.83, 27.73, 31.36, 35.42, 28.26, 41.86, 21.54, 24.64, 4.589, 4.487 );
Print( CVen , 0.083, 0.17, 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 8, 12, 16, 24 );
Data( CVen , 165.87, 191.31, 123.52, 86.9, 70.9, 43.08, 35.17, 20.36, 8.97, 7.5, 1.64, 0.72, 0.47, 0.52 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
```

```
Print( zAUrnTCA , 24, 48, 72, 96, 120, 144 );
Data( zAUrnTCA , 2.294, 3.731, 4.579, 4.796, 4.848, 4.87 );
} # End Abbas97a TCEmceB6aMorloil12e

Experiment { # Begin Abbas97a TCEmceB6aMorloil2e3
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0275 ;

# Exposure/Dosing
PDose = NDoses(2, 2000 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 24, 48, 72, 96, 120, 144, 168, 192 );
Data( AUrnTCOGTCOH , 15.28, 21.19, 23.92, 24.79, 25.51, 25.94, 25.95, 25.98 );
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0.25, 0.5, 1, 2, 4, 16, 24, 30, 48 );
Data( CBldTCA , 11.22, 20.57, 30.34, 43.51, 63.43, 131.85, 51.38, 54.57, 8.74 );
Print( CFat , 0.25, 0.5, 1, 2, 4, 8, 16, 24 );
Data( CFat , 1152, 1993, 4279, 2015, 1991, 1503, 75.5, 7.4 );
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0.25, 0.5, 1, 2, 8, 16, 24 );
Data( CKid , 636, 652, 542, 176, 139.4, 55, 1.3 );
Print( CLiv , 0.25, 0.5, 1, 2, 4, 8, 16, 24 );
Data( CLiv , 1498, 335, 379.7, 116.2, 114.5, 105.1, 9.2, 2 );
Print( CLivTCA , 0.25, 0.5, 1, 2, 4, 8, 16, 24, 30, 48 );
Data( CLivTCA , 15.18, 27.58, 37.49, 49.46, 65.32, 105.65, 59, 44.6, 36.35, 9.98 );
Print( CLivTCOGTCOH , 0.25, 0.5, 4, 8, 16 );
Data( CLivTCOGTCOH , 17.3, 14.47, 66.23, 23.04, 13.08 );
Print( CLivTCOH , 0.25, 0.5, 1, 2, 4, 8, 16 );
Data( CLivTCOH , 64.69, 73.45, 205.3, 237.98, 114.88, 73.96, 30.8 );
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0.25, 0.5, 1, 2, 4, 8, 16 );
Data( CTCOGTCOH , 16.2, 22.88, 26.1, 30.21, 61.1, 40.88, 21.68 );
Print( CTCOH , 0.25, 0.5, 1, 2, 4, 16 );
Data( CTCOH , 21.41, 32.94, 41.84, 36.4, 29.14, 4.21 );
Print( CVen , 0.25, 0.5, 1, 2, 4, 8, 16 );
Data( CVen , 208.3, 162, 140.1, 64.8, 48.6, 17.48, 1.15 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 24, 48, 72, 96, 120, 144, 168, 192 );
Data( zAUrnTCA , 1.423, 2.486, 3.122, 3.294, 3.395, 3.426, 3.438, 3.45 );
} # End Abbas97a TCEmceB6aMorloil2e3

Experiment { # Begin Abbas97a TCEmceB6aMorloil300
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0275 ;

# Exposure/Dosing
PDose = NDoses(2, 300 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 24, 48, 72, 96, 120, 144 );
Data( AUrnTCOGTCOH , 1.912, 3.555, 3.76, 3.803, 3.84, 3.855 );
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0.25, 0.5, 2, 4, 8, 16, 24, 30 );
Data( CBldTCA , 26.7, 20.4, 42.6, 53.4, 47.6, 43.2, 35.9, 25 );
Print( CFat , 0.25, 0.5, 1, 2, 4, 8, 16, 24 );
Data( CFat , 60.13, 125.4, 189.9, 72.58, 40.32, 18.12, 31.3, 0.65 );
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0.25, 0.5, 1, 2, 4, 8, 16, 24 );
Data( CKid , 90.4, 21.4, 25.8, 7.92, 6.69, 3.4, 6.7, 3.26 );
Print( CLiv , 0.25, 0.5, 1, 2, 4, 8, 16 );
Data( CLiv , 70, 42.1, 16.98, 8.81, 4.17, 1.89, 0.945 );
Print( CLivTCA , 0.25, 2, 4, 8, 16, 24, 30, 48 );
Data( CLivTCA , 18.9, 35.8, 45.6, 48, 35.3, 8.16, 10.4, 1.229 );
Print( CLivTCOGTCOH , 0.25 );
Data( CLivTCOGTCOH , -1 ); # 0 ); ## Zero replaced by no data
Print( CLivTCOH , 0.25, 0.5, 1, 2, 4, 8, 16 );
Data( CLivTCOH , 39.8, 66.2, 41.52, 18.82, 20.69, 14.68, 5.06 );
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0.25, 0.5, 1, 2, 4, 8, 16 );
Data( CTCOGTCOH , 15.92, 21.31, 31.27, 10.58, 13.57, 9.51, 1.82 );
Print( CTCOH , 0.25, 0.5, 1, 2, 4, 8, 16 );
Data( CTCOH , 14.54, 19.66, 37.54, 9.85, 4.78, 2.23, 1.48 );
Print( CVen , 0.25, 0.5, 1, 2, 4 );
Data( CVen , 26.11, 12.99, 6.67, 0.68, 0.61 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 24, 48, 72, 96, 120, 144 );
Data( zAUrnTCA , 0.707, 1.176, 1.292, 1.304, 1.307, 1.308 );
} # End Abbas97a TCEmceB6aMorloil300
```

```
Experiment { # Begin Abbas97a TCEmceB6aMorloil600
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0275 ;

# Exposure/Dosing
PDose = NDoses(2, 600 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 24, 48, 72, 96, 120, 144 );
Data( AUrnTCOGTCOH , 6.892, 9.072, 9.593, 9.716, 9.829, 9.895 );
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0.25, 0.5, 2, 4, 8, 16, 24, 40 );
Data( CBldTCA , 11.18, 14.26, 26.98, 31.73, 31.87, 29.48, 24.81, 21.1 );
Print( CFat , 0.25, 0.5, 2, 4, 8, 16, 24 );
Data( CFat , 278.5, 659, 468.91, 46.76, 9.48, 0.71, 0.32 );
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0.25, 0.5, 2, 4, 8, 24 );
Data( CKid , 83.08, 135.5, 15.98, 10.89, 5.4, 0.42 );
Print( CLiv , 0.25, 0.5, 2, 4, 8, 24 );
Data( CLiv , 213.5, 163.8, 19.43, 10.63, 0.71, 0.339 );
Print( CLivTCA , 0.25, 0.5, 2, 4, 8, 16, 24, 30, 40 );
Data( CLivTCA , 11.2, 22.9, 33.5, 39.9, 54.99, 39.06, 28.2, 15.2, 7.6 );
Print( CLivTCOGTCOH , 0.25, 0.5, 2, 4, 8 );
Data( CLivTCOGTCOH , 18.45, 20.07, 39.44, 19.59, 46.06 );
Print( CLivTCOH , 0.25, 0.5, 2, 4, 8, 12 );
Data( CLivTCOH , 50.25, 46.83, 36.29, 21.06, 11.24, 4.29 );
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0.25, 0.5, 2, 4, 8, 12 );
Data( CTCOGTCOH , 10.51, 39.66, 27.01, 23.55, 14.76, 6.89 );
Print( CTCOH , 0.25, 0.5, 2, 4, 8, 12 );
Data( CTCOH , 18.8, 26.76, 24.01, 8.23, 2.16, 1.02 );
Print( CVen , 0.25, 0.5, 2, 4, 8 );
Data( CVen , 81.9, 71.3, 5.71, 1.94, 0.965 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 24, 48, 72, 96, 120, 144 );
Data( zAUrnTCA , 0.762, 1.683, 1.867, 1.904, 1.927, 1.941 );
} # End Abbas97a TCEmceB6aMorloil600
#### END Abbas97a

#### BEGIN Abbas97b

Experiment { # Begin Abbas97b TCAmceB6aM_iv_aq100
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.035 ;

# Exposure/Dosing
IVDoseTCA = NDoses(2, 100 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0.1, 0.15, 0.35, 0.65, 1, 2, 4, 8, 24, 30 );
Data( CBldTCA , 281.9, 380.3, 374.4, 207, 204.6, 94.3, 83.1, 48.97, 9.37, 3.91 );
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 24, 48, 72, 96, 120, 144, 168 );
Data( zAUrnTCA , 0.937, 1.744, 1.801, 1.828, 1.843, 1.849, 1.853 );
} # End Abbas97b TCAmceB6aM_iv_aq100

Experiment { # Begin Abbas97b TCHmceB6aM_iv_aq100
```

```
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.035 ;

# Exposure/Dosing
IVDoseTCOH = NDoses(2, 100 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 24, 48, 72, 96, 120, 144, 168 );
Data( AUrnTCOGTCOH , 1.093, 1.859, 1.986, 2.097, 2.061, 2.071, 2.1 );
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0.05, 0.1, 0.5, 1, 2 );
Data( CBldTCA , 0.83, 2.05, 2.21, 7.45, 21.1 );
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0.05, 0.1, 0.5, 1, 2 );
Data( CTCOH , 77.34, 44.75, 19.11, 7.17, 0.163 );
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Abbas97b TCHmceB6aM_iv_aq100
#### END Abbas97b

######## END GROUP 1
}
######## BEGIN GROUP 2
Level {
#### BEGIN Fisher91

Experiment { # Begin Fisher91 TCEmceB6aFinh004042
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.025 ;

# Exposure/Dosing
Conc = NDoses(2, 42 0 , 0 4 );

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 2, 3.83, 4.167, 4.333, 4.5, 4.67, 6, 9 );
Data( CPlasTCA , 17.69, 23.94, 29.92, 35.03, 24.33, 29.72, 25.18, 7.86 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 2, 3.83 );
Data( CVen , 0.306666667, 0.34 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6aFinh004042
```

```
Experiment { # Begin Fisher91 TCEmceB6aFinh004236
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.023 ;

# Exposure/Dosing
Conc = NDoses(2, 236 0 , 0 4 );

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 2, 3.83, 5, 6, 7, 9 );
Data( CPlasTCA , 50.8, 57.2, 58.4, 43.2, 24, 14.4 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 2, 3.83, 4.5, 5 );
Data( CVen , 4.58, 4.95, 0.88, 0.45 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6aFinh004236

Experiment { # Begin Fisher91 TCEmceB6aFinh004368
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.024 ;

# Exposure/Dosing
Conc = NDoses(2, 368 0 , 0 4 );

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 2, 3.83, 4.33, 4.67, 5, 5.33, 7, 10, 30 );
Data( CPlasTCA , 58.5, 59.8, 61.7, 69.9, 59.7, 57.7, 35.9, 24.5, 0.32 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 2, 3.83, 4.33, 4.67, 5 );
Data( CVen , 5.9, 6.3, 1.03, 0.8, 0.22 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6aFinh004368

Experiment { # Begin Fisher91 TCEmceB6aFinh004889
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
```

```
BWmeas =  0.03 ;

# Exposure/Dosing
Conc = NDoses(2, 889 0 , 0 4 );

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 2, 3.83, 4.167, 4.333, 4.5, 5, 6, 8, 26 );
Data( CPlasTCA , 51.1, 83.2, 90.9, 92.3, 94.1, 94.3, 76.7, 28.6, 0.46 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 2, 3.83, 4.167, 4.333, 4.5, 5 );
Data( CVen , 3.9, 3.6, 2, 1.4, 0.72, 0.55 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6aFinh004889


Experiment { # Begin Fisher91 TCEmceB6fFinhc9111e
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.022 ;

# Exposure/Dosing
CC =  1100 ;
NRodents =  14 ;
VChC =  9.1 ;
lnkLossC =  -3.912 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0.05, 0.15, 0.29, 0.47, 0.66, 0.82, 0.97, 1.14, 1.32, 1.49, 1.65, 1.81, 1.98, 2.14, 2.32, 2.5, 2.67, 2.83, 2.98, 3.17, 3
Data( CInhPPM , 975.3949772, 816.6746575, 603.8070776, 479.8824201, 395.4052511, 325.6278539, 277.8070776, 250.2682648, 206.1689498, 160.
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6fFinhc9111e

Experiment { # Begin Fisher91 TCEmceB6fFinhc91300
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.024 ;
```

```
# Exposure/Dosing
CC =  300 ;
NRodents =  14 ;
VChC =  9.1 ;
lnkLossC =  -3.912 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0.05, 0.5, 0.64, 0.84, 1, 1.2, 1.3, 1.5, 1.7, 1.8, 2 );
Data( CInhPPM , 228.4977169, 101.0376712, 72.01027397, 53.21689498, 37.95890411, 28.65525114, 21.956621, 17.11872146, 12.28082192, 9.4897
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6fFinhc91300

Experiment { # Begin Fisher91 TCEmceB6fFinhc9137e
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.022 ;

# Exposure/Dosing
CC =  3700 ;
NRodents =  14 ;
VChC =  9.1 ;
lnkLossC =  -3.912 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0.04, 0.12, 0.3, 0.47, 0.63, 0.81, 0.95, 1.14, 1.29, 1.49, 1.63, 1.8, 1.98, 2.14, 2.32, 2.48, 2.65, 2.98, 3.14, 3.32, 3.
Data( CInhPPM , 3673.082192, 2913.90411, 2316.609589, 1907.248858, 1570.456621, 1317.39726, 1250.410959, 1168.538813, 1110.856164, 1001.0
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6fFinhc9137e

Experiment { # Begin Fisher91 TCEmceB6fFinhc91700
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.021 ;
```

```
# Exposure/Dosing
CC =  700 ;
NRodents =  14 ;
VChC =  9.1 ;
lnkLossC =  -3.912 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0.03, 0.14, 0.31, 0.49, 0.64, 0.83, 0.97, 1.13, 1.32, 1.49, 1.65, 1.83, 1.97, 2.2, 2.33, 2.48, 2.69 );
Data( CInhPPM , 645.673516, 503.3276256, 379.0308219, 261.0605023, 182.9098174, 137.880137, 111.4577626, 86.89611872, 65.49771689, 52.100
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6fFinhc91700

Experiment { # Begin Fisher91 TCEmceB6fFinhc917e3
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.022 ;

# Exposure/Dosing
CC =  7000 ;
NRodents =  14 ;
VChC =  9.1 ;
lnkLossC =  -3.912 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0.03, 0.12, 0.29, 0.46, 0.62, 0.79, 0.97, 1.14, 1.3, 1.46, 1.63, 1.79, 1.96, 2.14, 2.3, 2.47, 2.64, 2.8, 2.95, 3.12, 3.3
Data( CInhPPM , 6514.417808, 5455.6621, 4182.922374, 3323.26484, 2887.853881, 2744.577626, 2472.910959, 2309.166667, 2232.876712, 2123.09
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6fFinhc917e3

#### END Fisher91

######## END GROUP 2
}
######## BEGIN GROUP 3
Level {
#### BEGIN Fisher91
```

```
Experiment { # Begin Fisher91 TCEmceB6aMinh004110
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.031 ;

# Exposure/Dosing
Conc = NDoses(2, 110 0 , 0 4 );

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 2, 3.75, 3.9, 4.2, 5, 6, 8, 21 );
Data( CPlasTCA , 17.76, 46.18, 49.81, 38.99, 70.53, 54.29, 41.02, 7.06 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 2, 3.9, 4.2, 4.4 );
Data( CVen , 1.5, 1.51, 0.38, 0.38 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6aMinh004110

Experiment { # Begin Fisher91 TCEmceB6aMinh004297
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.031 ;

# Exposure/Dosing
Conc = NDoses(2, 297 0 , 0 4 );

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 2.5, 4.2, 4.4, 4.8, 4.9, 5.3, 5.5, 6.3, 24 );
Data( CPlasTCA , 58, 101.7, 88.5, 109.6, 114.7, 85.8, 80.6, 83, 5.7 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 2, 3.9, 4.2, 4.4 );
Data( CVen , 1.48, 1.2, 0.88, 0.37 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6aMinh004297

Experiment { # Begin Fisher91 TCEmceB6aMinh004368
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
```

```
BWmeas =  0.031 ;

# Exposure/Dosing
Conc = NDoses(2, 368 0 , 0 4 );

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 2, 3.9, 4.2, 4.4, 4.75, 5, 5.5, 6.5, 24 );
Data( CPlasTCA , 61.8, 94.2, 103.1, 103, 97, 101.4, 71.6, 58.8, 9.8 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 2, 3.9, 4.2, 4.4, 4.75 );
Data( CVen , 3.82, 3.72, 1.24, 0.51, 0.22 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6aMinh004368

Experiment { # Begin Fisher91 TCEmceB6aMinh004748
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.031 ;

# Exposure/Dosing
Conc = NDoses(2, 748 0 , 0 4 );

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 2, 3.9, 4.2, 4.5, 4.75, 5, 7.75, 9, 24 );
Data( CPlasTCA , 88.6, 127.4, 123.6, 123.6, 125.5, 106.2, 82.1, 58, 9.4 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 2, 3.9, 4.2, 4.4, 4.5 );
Data( CVen , 7.18, 7.2, 1.5, 0.88, 0.49 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6aMinh004748

Experiment { # Begin Fisher91 TCEmceB6fMinhc9118e
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.026 ;

# Exposure/Dosing
CC =  1800 ;
NRodents =  14 ;
VChC =  9.1 ;
```

```
lnkLossC =  -3.912 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0.16, 0.25, 0.33, 0.48, 0.67, 0.83, 1, 1.16, 1.33, 1.49, 1.67, 1.84, 2.01, 2.17, 2.33, 2.5, 2.68, 2.83 );
Data( CInhPPM , 1352.937215, 1113.833333, 950.0890411, 716.0091324, 600.0856164, 494.2100457, 399.8710046, 312.2305936, 243.7557078, 187.
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6fMinhc9118e

Experiment { # Begin Fisher91 TCEmceB6fMinhc911e3
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.03 ;

# Exposure/Dosing
CC =  1020 ;
NRodents =  14 ;
VChC =  9.1 ;
lnkLossC =  -3.912 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0.07, 0.16, 0.33, 0.5, 0.66, 0.84, 1, 1.18, 1.33, 1.51, 1.69, 1.85, 2, 2.16, 2.32 );
Data( CInhPPM , 838.4452055, 609.7614155, 384.9851598, 222.543379, 156.3013699, 100.293379, 64.5673516, 41.49429224, 28.09703196, 18.4212
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6fMinhc911e3

Experiment { # Begin Fisher91 TCEmceB6fMinhc911e4
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.026 ;

# Exposure/Dosing
CC =  10000 ;
NRodents =  14 ;
VChC =  9.1 ;
```

```
lnkLossC =  -3.912 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0.08, 0.15, 0.31, 0.47, 0.66, 0.82, 0.97, 1.16, 1.33, 1.5, 1.67, 1.82, 2.01, 2.15, 2.34, 2.51, 2.65, 2.82, 3.01 );
Data( CInhPPM , 8384.452055, 7279.178082, 5889.212329, 5204.46347, 4683.458904, 4443.424658, 4069.417808, 3861.015982, 3600.513699, 3475.
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6fMinhc911e4

Experiment { # Begin Fisher91 TCEmceB6fMinhc9138e
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.03 ;

# Exposure/Dosing
CC =  3800 ;
NRodents =  14 ;
VChC =  9.1 ;
lnkLossC =  -3.912 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0.14, 0.32, 0.51, 0.69, 0.83, 1, 1.19, 1.35, 1.49, 1.66, 1.85, 2.01, 2.15, 2.34, 2.52, 2.68, 2.81, 2.99, 3.17, 3.33, 3.4
Data( CInhPPM , 2471.050228, 1862.591324, 1507.191781, 1356.472603, 1220.639269, 1116.438356, 1023.401826, 952.6940639, 904.3150685, 857.
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6fMinhc9138e

Experiment { # Begin Fisher91 TCEmceB6fMinhc9156e
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.028 ;

# Exposure/Dosing
CC =  5600 ;
NRodents =  14 ;
VChC =  9.1 ;
```

```
lnkLossC =  -3.912 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0.07, 0.16, 0.33, 0.48, 0.68, 0.84, 0.97, 1.18, 1.32, 1.51, 1.68, 1.83, 2, 2.15, 2.33, 2.48, 2.65, 2.75, 2.92, 3.08, 3.2
Data( CInhPPM , 5384.954338, 4434.121005, 3224.646119, 2608.744292, 2186.358447, 1933.299087, 1769.554795, 1620.696347, 1510.913242, 1434
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher91 TCEmceB6fMinhc9156e
#### END Fisher91

######## END GROUP 3
}
######## BEGIN GROUP 4
Level {
#### BEGIN Fisher93

Experiment { # Begin Fisher93 TCEmceB6aForloil2e3
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.0257 ;

# Exposure/Dosing
PDose = NDoses(2, 1947 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0.033, 0.083, 0.17, 0.25, 0.5, 1, 2, 4, 6, 24, 30 );
Data( CPlasTCA , 2, 5.1, 16.3, 15.2, 28.6, 33, 54.1, 89.3, 86, 14.6, 4 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0.033, 0.083, 0.17, 0.25, 0.5, 1, 2, 3, 4, 6, 8, 9 );
Data( CVen , 14.3, 38.6, 48.9, 42.5, 50, 27.9, 136, 167.5, 119.8, 48.6, 2.233333333, 10.37333333 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher93 TCEmceB6aForloil2e3

Experiment { # Begin Fisher93 TCEmceB6aForloil487
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.0273 ;
```

```
# Exposure/Dosing
PDose = NDoses(2, 487 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0.083, 0.17, 0.5, 1, 2, 4, 7, 24 );
Data( CPlasTCA , 3.066666667, 5.466666667, 14.8, 25.4, 33.8, 55.63333333, 56.56666667, 2.2 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0.083, 0.17, 0.5, 1, 2 );
Data( CVen , 38.5, 24.33333333, 12.9, 6.233333333, 2.8 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher93 TCEmceB6aForloil487

Experiment { # Begin Fisher93 TCEmceB6aForloil973
Species =  3 ;
Male =  0 ;

# Measured Covariates (if any)
BWmeas =  0.0238 ;

# Exposure/Dosing
PDose = NDoses(2, 973 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0.083, 0.17, 0.25, 0.5, 1, 2, 3, 7, 27 );
Data( CPlasTCA , 5.39, 6.6, 7, 12, 20.16666667, 41.1, 41.2, 43.7, 5.466666667 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0.083, 0.17, 0.25, 0.5, 1, 2, 4 );
Data( CVen , 22.1, 16.3, 35.8, 12.5, 17.88666667, 21.4, 13.70666667 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher93 TCEmceB6aForloil973

#### END Fisher93

######## END GROUP 4
}
######## BEGIN GROUP 5
Level {
#### BEGIN Fisher93

Experiment { # Begin Fisher93 TCEmceB6aMorloil2e3
Species =  3 ;
```

```
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0306 ;

# Exposure/Dosing
PDose = NDoses(2, 1947 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0.033, 0.083, 0.17, 0.25, 0.5, 1, 2, 3, 4, 5, 6, 7, 24, 30, 48, 72 );
Data( CPlasTCA , 1.2, 3.9, 11.9, 16.3, 32.7, 61.6, 41.3, 56.1, 54.9, 61.1, 91, 94.4, 47.5, 29.4, 28.5, 1.9 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0.033, 0.083, 0.17, 0.25, 0.5, 1, 2, 3, 4, 5, 6, 7 );
Data( CVen , 20, 30.7, 45.1, 64.7, 71.7, 127.3, 33.26666667, 106.7, 75.7, 103.4, 47.9, 23.9 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher93 TCEmceB6aMorloil2e3

Experiment { # Begin Fisher93 TCEmceB6aMorloil487
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0338 ;

# Exposure/Dosing
PDose = NDoses(2, 487 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0.083, 0.17, 0.5, 1, 2, 7, 24, 30 );
Data( CPlasTCA , 5.8, 6.9, 17.9, 32, 54.9, 82.2, 13.8, 4.1 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0.083, 0.17, 1, 2 );
Data( CVen , 50.9, 39, 6.9, 1.5 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher93 TCEmceB6aMorloil487

Experiment { # Begin Fisher93 TCEmceB6aMorloil973
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0306 ;
```

```
# Exposure/Dosing
PDose = NDoses(2, 973 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0.033, 0.083, 0.17, 0.25, 0.5, 1, 2, 3, 4, 5, 6, 7, 30, 48 );
Data( CPlasTCA , 8.933333333, 12.1, 11.8, 17.9, 27.4, 49.2, 76.6, 85.3, 48.6, 80.9, 86.4, 91.4, 12.56666667, 2 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0.033, 0.083, 0.17, 0.25, 0.5, 1, 2, 3, 4, 7 );
Data( CVen , 9.7, 29.9, 50.9, 69.3, 66.4, 48.2, 12.68666667, 4.8, 16.86666667, 5.9 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Fisher93 TCEmceB6aMorloil973
#### END Fisher93

######## END GROUP 5
}
######## BEGIN GROUP 6
Level {
#### BEGIN Green85

Experiment { # Begin Green85 TCEmceB6aMorloil010
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0285 ;

# Exposure/Dosing
PDose = NDoses(2, 10 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 24 );
Data( AUrnTCOGTCOH , 0.151246897 );
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 24, 72 );
Data( zAExhpost , 0.011115, 0.011115 );
Print( zAUrnTCA , 24 );
Data( zAUrnTCA , 0.023867144 );
} # End Green85 TCEmceB6aMorloil010

Experiment { # Begin Green85 TCEmceB6aMorloil1e3
Species =  3 ;
Male =  1 ;
```

```
# Measured Covariates (if any)
BWmeas =  0.0285 ;

# Exposure/Dosing
PDose = NDoses(2, 1000 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 24 );
Data( AUrnTCOGTCOH , 11.99527586 );
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 24, 72 );
Data( zAExhpost , 4.9875, 4.9875 );
Print( zAUrnTCA , 24 );
Data( zAUrnTCA , 1.036993105 );
} # End Green85 TCEmceB6aMorloil1e3

Experiment { # Begin Green85 TCEmceB6aMorloil2e3
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0285 ;

# Exposure/Dosing
PDose = NDoses(2, 2000 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 24 );
Data( AUrnTCOGTCOH , 27.90858197 );
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 24, 72 );
Data( zAExhpost , 7.752, 7.752 );
Print( zAUrnTCA , 24 );
Data( zAUrnTCA , 2.230208548 );
} # End Green85 TCEmceB6aMorloil2e3

Experiment { # Begin Green85 TCEmceB6aMorloil500
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0285 ;
```

```
# Exposure/Dosing
PDose = NDoses(2, 500 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 24 );
Data( AUrnTCOGTCOH , 8.743811279 );
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 24, 72 );
Data( zAExhpost , 0.855, 0.855 );
Print( zAUrnTCA , 24 );
Data( zAUrnTCA , 0.755310904 );
} # End Green85 TCEmceB6aMorloil500
#### END Green85

#### BEGIN Prout85

Experiment { # Begin Prout85 TCEmceB6iMorloil1e3
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0295 ;

# Exposure/Dosing
PDose = NDoses(2, 1000 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5 );
Data( CBldMix , 10.3, 18, 13.6, 8, 10.5, 6.2, 6.3, 1.5, 1.7, 1.8, 2.2, 2.3, 2.9, 3.3, 4.3, 1.9 );
Print( CBldTCA , 0.75, 1, 2, 2.5, 3, 4, 4.5, 5, 5.5, 6, 7, 7.5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 27, 28,
Data( CBldTCA , 39, 106, 69, 146, 121, 157, 133, 149, 101, 121, 162, 196, 211, 201, 190, 189, 170, 260, 242, 216, 179, 118, 59, 124, 197,
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0.3, 0.5, 0.75, 1, 1.5, 2, 2.5, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8 );
Data( TotCTCOH , 9.6, 21.7, 29.4, 27.8, 30.6, 27.6, 20.3, 9.5, 10.7, 14.3, 2.8, 7.4, 6.6, 5.5, 2.6, 1.5, 0.7 );
Print( zAExhpost , 0.5, 1, 1.5, 2, 2.5, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9 );
Data( zAExhpost , 0.74, 1.34, 1.78, 2.18, 2.59, 2.88, 3.04, 3.09, 3.1, 3.15, 3.17, 3.19, 3.17, 3.24, 3.24, 3.25, 3.27 );
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Prout85 TCEmceB6iMorloil1e3
#### END Prout85

######## END GROUP 6
}
######## BEGIN GROUP 7
Level {
#### BEGIN Greenberg99

Experiment { # Begin Greenberg99 TCEmceB6aMinh004100
```

```
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.03 ;

# Exposure/Dosing
Conc = NDoses(2, 100 0 , 0 4 );

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 2, 4, 4.25, 4.5, 4.75, 6, 12, 18, 28 );
Data( CBldTCA , 18.23, 29.86, 33.72, 25.03, 31.63, 27.06, 6.798, 3.992, 1.908 );
Print( CFat , 2, 4, 4.5 );
Data( CFat , 19.35, 44.46, 27.68 );
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 2, 4, 4.5 );
Data( CKid , 3.473, 4.91, 0.1341 );
Print( CLiv , 2, 4, 4.25, 4.5 );
Data( CLiv , 0.5719, 0.7577, 0.1673, 0.051 );
Print( CLivTCA , 2, 4, 4.25, 4.5, 4.75, 6, 12, 18, 28 );
Data( CLivTCA , 12.84, 21.17, 21.81, 16.32, 20.74, 17.04, 5.15, 2.732, 1.404 );
Print( CLivTCOGTCOH , 2, 4, 4.25, 4.5, 4.75, 6 );
Data( CLivTCOGTCOH , 18.52, 22.91, 13.73, 5.328, 6.365, 0.8768 );
Print( CLivTCOH , 2, 4, 4.25, 4.5, 4.75, 6 );
Data( CLivTCOH , 4.134, 4.446, 1.162, 5.099, 0.5918, 0.4164 );
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 2, 4, 4.25, 4.5, 4.75, 6 );
Data( CTCOGTCOH , 4.51, 6.222, 2.733, 1.97, 2.09, 0.1985 );
Print( CTCOH , 2, 4, 4.25, 4.5, 4.75, 6 );
Data( CTCOH , 2.041, 1.847, 1.778, 0.7934, 0.3029, 0.0899 );
Print( CVen , 2, 4, 4.25, 4.5 );
Data( CVen , 0.6651, 0.8605, 0.1387, 0.1497 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Greenberg99 TCEmceB6aMinh004100

Experiment { # Begin Greenberg99 TCEmceB6aMinh004600
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.03 ;

# Exposure/Dosing
Conc = NDoses(2, 600 0 , 0 4 );

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 2, 4, 4.25, 4.5, 4.75, 6, 12, 18, 28, 47 );
Data( CBldTCA , 56.1, 96.66, 74.62, 99.03, 77.74, 107.67, 25.82, 13.34, 7.191, 0.8069 );
Print( CFat , 2, 4, 4.25, 4.5, 4.75, 6 );
Data( CFat , 244.48, 233.7, 198.4, 167.5, 142.2, 104.1 );
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 2, 4, 4.25, 4.5, 4.75, 6 );
Data( CKid , 22.85, 22.04, 6.167, 4.714, 2.855, 0.6404 );
Print( CLiv , 2, 4, 4.25, 4.5, 4.75, 6 );
Data( CLiv , 10.19, 12.62, 3.013, 1.074, 0.6447, 0.2754 );
Print( CLivTCA , 2, 4, 4.25, 4.5, 4.75, 6, 12, 18, 28, 47 );
Data( CLivTCA , 33.72, 52.12, 45.67, 54.97, 48.54, 48.74, 13.01, 7.952, 4.405, 0.7298 );
Print( CLivTCOGTCOH , 2, 4, 4.25, 4.5, 4.75, 6, 28, 47 );
Data( CLivTCOGTCOH , 36.6, 62.08, 49.31, 19.37, 30.51, 4.313, 0.1568, 0.1025 );
Print( CLivTCOH , 2, 4, 4.25, 4.5, 4.75, 6 );
Data( CLivTCOH , 28.93, 24.7, 17.65, 5.476, 6.282, 2.647 );
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 2, 4, 4.25, 4.5, 4.75, 6, 12 );
Data( CTCOGTCOH , 16.17, 25.1, 17.87, 6.746, 8.252, 2.028, 0.3544 );
Print( CTCOH , 2, 4, 4.25, 4.5, 4.75, 6 );
Data( CTCOH , 16.53, 13.37, 10.89, 3.979, 3.201, 1.007 );
Print( CVen , 2, 4, 4.25, 4.5, 4.75, 6 );
Data( CVen , 6.851, 7.325, 1.534, 0.5987, 0.4649, 0.1699 );
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Greenberg99 TCEmceB6aMinh004600
#### END Greenberg99

######## END GROUP 7
}
######## BEGIN GROUP 8
Level {
#### BEGIN Larson92a
```

```
Experiment { # Begin Larson92a TCEmceB6aMorl_aq197
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0264 ;

# Exposure/Dosing
PDose = NDoses(2, 197.25 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0.25, 0.75 ); # , 2 );
Data( CBldMix , 44.8074, 20.8926 ); # , 0 ); ## removed zero
Print( CBldTCA , 0.25, 0.75, 2, 8, 24 );
Data( CBldTCA , 22.876, 35.131, 24.3466, 20.5884, 2.451 );
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0.25, 0.75 ); # , 2 );
Data( CTCOH , 28.24055, 19.4051); # , 0 ); ## removed zero
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Larson92a TCEmceB6aMorl_aq197

Experiment { # Begin Larson92a TCEmceB6aMorl_aq2e3
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0264 ;

# Exposure/Dosing
PDose = NDoses(2, 1972.5 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0.25, 0.75, 2, 8 );
Data( CBldMix , 436.3794, 292.8906, 154.9206, 4.0734 );
Print( CBldTCA , 0.25, 0.75, 2, 8, 24, 48 );
Data( CBldTCA , 22.876, 42.9742, 68.4646, 122.3866, 28.2682, 4.7386 );
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0.25, 0.75, 2, 8 );
Data( CTCOH , 38.3617, 34.8634, 59.8897, 17.98485 );
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Larson92a TCEmceB6aMorl_aq2e3

Experiment { # Begin Larson92a TCEmceB6aMorl_aq592
Species =  3 ;
Male =  1 ;
```

```
# Measured Covariates (if any)
BWmeas =  0.0264 ;

# Exposure/Dosing
PDose = NDoses(2, 591.75 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0.25, 0.75, 2 );
Data( CBldMix , 151.11, 74.03076, 30.11688 );
Print( CBldTCA , 0.25, 0.75, 2, 8, 24 );
Data( CBldTCA , 14.0524, 36.4382, 63.0724, 100.8178, 6.6994 );
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0.25, 0.75, 2 );
Data( CTCOH , 25.415, 32.89, 37.375 );
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Larson92a TCEmceB6aMorl_aq592
#### END Larson92a

#### BEGIN Larson92b

Experiment { # Begin Larson92b TCAmceB6aMorl_aq020
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0264 ;

# Exposure/Dosing
PODoseTCA = NDoses(2, 20 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0.25, 1, 3, 5, 10, 16 );
Data( CPlasTCA , 35.131, 33.6604, 33.6604, 23.5296, 9.1504, 4.085 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Larson92b TCAmceB6aMorl_aq020

Experiment { # Begin Larson92b TCAmceB6aMorl_aq100
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
```

```
BWmeas =  0.0264 ;

# Exposure/Dosing
PODoseTCA = NDoses(2, 100 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0);
Data( CBldTCA , -1);
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0.25, 1, 3, 5, 10, 16, 24 );
Data( CPlasTCA , 104.576, 119.9356, 109.8048, 89.7066, 49.02, 7.6798, 5.2288 );
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Larson92b TCAmceB6aMorl_aq100
#### END Larson92b

######## END GROUP 8
}
######## BEGIN GROUP 9
Level {
#### BEGIN Merdink98

Experiment { # Begin Merdink98 TCEmceB6aM_iv_aq100
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.0225 ;

# Exposure/Dosing
IVDose = NDoses(2, 100 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0);
Data( CBldMix , -1);
Print( CBldTCA , 0.18, 0.359, 0.525, 0.65, 0.76, 1.02, 1.26, 1.52, 2.99, 6.01 );
Data( CBldTCA , 6.0458, 9.5589, 9.86936, 12.69618, 13.10468, 16.34, 18.791, 16.07856, 18.3008, 15.09816 );
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0);
Data( CTCOH , -1);
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0.18, 0.359, 0.525, 0.65, 0.76, 1.02, 1.26, 1.52, 2.99 );
Data( TotCTCOH , 7.13115, 5.8006, 3.6179, 2.40695, 2.6013, 2.3322, 0.79534, 0.617435, 0.192855 );
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Merdink98 TCEmceB6aM_iv_aq100
#### END Merdink98

######## END GROUP 9
```

```
}
######## BEGIN GROUP 10
Level {
#### BEGIN Templin93

Experiment { # Begin Templin93 TCEmceB6aMorl_aq500
Species =  3 ;
Male =  1 ;

# Measured Covariates (if any)
BWmeas =  0.027 ;

# Exposure/Dosing
PDose = NDoses(2, 500 0 , 0 0.05 );
TChng =  0.05 ;

# Data
Print( AUrnTCOGTCOH , 0);
Data( AUrnTCOGTCOH , -1);
Print( CBldMix , 0.25, 0.5, 0.75, 1, 1.5, 2 );
Data( CBldMix , 28.3824, 24.7032, 21.9438, 11.826, 3.8106, 1.7082 );
Print( CBldTCA , 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 9, 12, 18, 24, 36 );
Data( CBldTCA , 10.7844, 18.791, 25.0002, 41.667, 46.569, 43.4644, 57.19, 64.8698, 39.7062, 37.2552, 30.8826, 10.7844, 8.8236, 1.9608 );
Print( CFat , 0);
Data( CFat , -1);
Print( CInhPPM , 0);
Data( CInhPPM , -1);
Print( CKid , 0);
Data( CKid , -1);
Print( CLiv , 0);
Data( CLiv , -1);
Print( CLivTCA , 0);
Data( CLivTCA , -1);
Print( CLivTCOGTCOH , 0);
Data( CLivTCOGTCOH , -1);
Print( CLivTCOH , 0);
Data( CLivTCOH , -1);
Print( CPlasTCA , 0);
Data( CPlasTCA , -1);
Print( CTCOGTCOH , 0);
Data( CTCOGTCOH , -1);
Print( CTCOH , 0.25, 0.5, 0.75, 1, 1.5, 2, 3 );
Data( CTCOH , 17.9101, 27.7771, 35.5511, 40.2454, 30.199, 8.56635, 0.73255 );
Print( CVen , 0);
Data( CVen , -1);
Print( TotCTCOH , 0);
Data( TotCTCOH , -1);
Print( zAExhpost , 0);
Data( zAExhpost , -1);
Print( zAUrnTCA , 0);
Data( zAUrnTCA , -1);
} # End Templin93 TCEmceB6aMorl_aq500
#### END Templin93

######## END GROUP 10
}

};
};
End.
```