
SUMMARY OF NONMEM RUN 100826-053155

MINIMUM VALUE OF THE OBJECTIVE FUNCTION: 879.564
 NUMBER OF SIGNIFICANT DIGITS: 3.2
 NUMBER OF FUNCTION EVALUATIONS USED: 2030

WORKING FOLDER: /Users/fisher/Desktop/PLTTools-Examples/NORMAL.NONMEM.EXECUTION/WORKING
 CONTROL FILE: Analyze-2CompartmentWithCovariate.pltc
 DATA FILE: TwoCompartmentData.csv
 \$PROBLEM: Analyze a Dataset for Use in PLT Tools - Covariate Added

COMMENTS EXTRACTED FROM CONTROL FILE:
 Data for this analysis were generated with a two-compartment model in which relative bioavailability varied with dose. The control stream includes a factor for F as a function of dose.

THETA estimates

#	ESTIMATE	STANDARD ERROR	COEFF. OF VAR.	COMMENT
1	0.15	-----	-----	-----
2	0.92	-----	-----	-----
3	0.0652	-----	-----	-----
4	0.696	-----	-----	-----
5	0.461	-----	-----	-----
6	0.327	-----	-----	-----
7	1	-----	-----	FIXED
8	-0.742	-----	-----	-----

Standard errors not obtained

OMEGA estimates:

#	VARIANCE	sqrt(VARIANCE)	COVARIANCE	CORRELATION	COMMENT
1	0.0595	0.2439	-----	-----	-----
2	0.0146	0.1208	-----	-----	-----
3	0.00001	0.0032	-----	-----	<< INIT. EST
4	0.00001	0.0032	-----	-----	<< INIT. EST
5	0.0733	0.2707	-----	-----	-----
6	0.0585	0.2419	-----	-----	-----
7	0	-----	-----	-----	FIXED

SIGMA estimates:

#	VARIANCE	sqrt(VARIANCE)	COVARIANCE	CORRELATION	COMMENT
1	0.102	0.3194	-----	-----	-----
2	0.00207	0.0455	-----	-----	-----

NONMEM reported a BOUNDARY condition; typically, this prevents calculation of standard errors. Possible explanations include:
 THETA at boundaries: none
 OMEGAs 10,000-fold < than initial estimate: 3; 4