

			Estimate	% RSE	95% CI	Shrinkage (%)
Structural model parameters						
CL/F (L/h)	θ_1	Apparent clearance	573	14.3	413, 734	-
V2/F (L)	θ_2	Apparent central volume	4.82e+03	14.1	3.49e+03, 6.15e+03	-
V3/F (L)	θ_3	Apparent peripheral volume	3.76e+04	66.9	-1.17e+04, 8.69e+04	-
Q/F (L/h)	θ_4	Apparent intercompartmental clearance	106	41.1	20.5, 191	-
KA (1/h)	θ_5	First order absorption rate constant	0.826	17.2	0.547, 1.10	-
D1 (h)	θ_6	Duration of zero order absorption	0.947	15.6	0.657, 1.24	-
Covariate effect parameters						
V2/F ~ WT	θ_7	Body weight effect on V2/F	2.46	18.3	1.58, 3.35	-
CL/F ~ Age	θ_8	Age effect on CL/F	-1.70	25.1	-2.54, -0.866	-
Q/F ~ Age	θ_9	Age effect on Q/F	5.31	39.5	1.19, 9.43	-
V3/F ~ Age	θ_{10}	Age effect on V3/F	0.00398	5.84e+04	-4.55, 4.56	-
Interindividual variance parameters						
IIV-CL/F	$\Omega_{(1,1)}$	Variance of clearance	0.694 [CV%=100]	26.4	0.335, 1.05	9.21
IIV - scale	θ_{11}	Scale parameter for V2 RE	0.793	13.7	0.580, 1.01	-
Residual variance						
Proportional	$\Sigma_{(1,1)}$	Variance	0.0851 [CV%=29.2]	5.85	0.0753, 0.0948	1.55
Additive	$\Sigma_{(2,2)}$	Variance	0.0220 [SD=0.148]	110	-0.0253, 0.0693	1.55

Abbreviations: CI = confidence intervals; RSE = relative standard error; RE = random effect, Corr = Correlation coefficient; CV = coefficient of variation; SD = standard deviation; SE = standard error

Confidence intervals = estimate \pm 1.96 \cdot SE

Body weight effects on CL/F and Q/F were fixed at 0.75 and at 1.00 for V3/F

CV% of log-normal omegas = $\sqrt{\exp(\text{estimate}) - 1} \cdot 100$

CV% of sigma = $\sqrt{\text{estimate}} \cdot 100$