List of Tables

Table 1: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris.

			Estimate	95% CrI
Structural model parameters				
KA (1/h)	$\exp(\theta_1)$	First order absorption rate constant	1.61	1.43, 1.82
V2/F (L)	$\exp(\theta_2)$	Apparent central volume	60.6	57.2, 63.8
CL/F (L/h)	$\exp(\theta_3)$	Apparent clearance	3.19	3.01, 3.38
V3/F (L)	$\exp(\theta_4)$	Apparent peripheral volume	68.6	65.4, 72.0
Q/F (L/h)	$\exp(\theta_5)$	Apparent intercompartmental clearance	3.63	3.37, 3.91
Covariate effect parameters				
CL/F ~ eGFR	θ_6	eGFR effect on CL/F	0.487	0.396, 0.582
CL/F ~ Age	θ_7	Age effect on CL/F	-0.0399	-0.183, 0.103
CL/F ~ ALB	θ_8	Serum albumin effect on CL/F	0.423	0.262, 0.592

Parameters estimated in the log-domain were back-transformed for clarity
Abbreviations: CrI = credible interval
Source code: pk-final-model-table.R
Source file: pk-param-final-fixed.tex

Table 2: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris.

		Estimate	95% CrI	Shrinkage (%)
Interindividual variance parameters				
IIV-KA	Ω_{11}	0.231 [CV%=51.0]	0.146, 0.361	17.7
IIV-V2/F	Ω_{22}	0.0831 [CV%=29.4]	0.0640, 0.108	6.58
IIV-CL/F	Ω_{33}	0.114 [CV%=34.8]	0.0915, 0.146	1.57
Interindividual covariance parameters				
V2/F-KA	Ω_{21}	0.0644 [Corr=0.465]	0.0305, 0.108	-
CL/F-KA	Ω_{31}	0.116 [Corr=0.717]	0.0789, 0.166	-
CL/F-V2/F	Ω_{32}	0.0679 [Corr=0.696]	0.0506, 0.0903	-
Residual variance				
Proportional	Σ_{11}	0.0394 [CV%=19.9]	0.0372, 0.0416	-

Abbreviations: CrI = credible interval; Corr = Correlation coefficient; CV = coefficient of variation
CV% of log-normal omegas = sqrt(exp(estimate) - 1) · 100
CV% of sigma = sqrt(estimate) · 100
Source code: pk-final-model-table.R
Source file: pk-param-final-random.tex

Table 3: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris.

			$\hat{R}$	ESS bulk	ESS tail
Structural model parameters					
KA (1/h)	$\exp(\theta_1)$	First order absorption rate constant	1.00	1079	1300
V2/F (L)	$\exp(\theta_2)$	Apparent central volume	1.00	803	1079
CL/F (L/h)	$\exp(\theta_3)$	Apparent clearance	1.00	948	1238
V3/F (L)	$\exp(\theta_4)$	Apparent peripheral volume	1.00	1832	1598
Q/F (L/h)	$\exp(\theta_5)$	Apparent intercompartmental clearance	1.00	2122	1680
Covariate effect parameters					
CL/F ~ eGFR	θ_6	eGFR effect on CL/F	1.00	1376	1371
CL/F ~ Age	θ_7	Age effect on CL/F	1.00	1099	1373
CL/F ~ ALB	θ_8	Serum albumin effect on CL/F	1.00	1807	1601

Abbreviations: ESS = effective sample size; $\hat{R}$ = Gelman-Rubin diagnostic
Source code: pk-final-model-table.R
Source file: pk-param-final-fixed-mcmc.tex

Table 4: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris.

		$\hat{R}$	ESS bulk	ESS tail
Interindividual variance parameters				
IIV-KA	Ω_{11}	1.00	864	1359
IIV-V2/F	Ω_{22}	1.01	594	943
IIV-CL/F	Ω_{33}	1.00	645	1288
Interindividual covariance parameters				
V2/F-KA	Ω_{21}	1.01	397	895
CL/F-KA	Ω_{31}	1.00	492	997
CL/F-V2/F	Ω_{32}	1.00	664	1208
Residual variance				
Proportional	Σ_{11}	1.00	2391	1501

Abbreviations: ESS = effective sample size; $\hat{R}$ = Gelman-Rubin diagnostic
Source code: pk-final-model-table.R
Source file: pk-param-final-random-mcmc.tex