

			Estimate	% RSE	95% CI	Shrinkage (%)
Structural model parameters						
KOUT (1/day)	$\exp(\theta_2)/(1 + \exp(\theta_2))$	Offset rate	0.608	-	0.604, 0.612	-
EC50 (ng*hr/mL)	θ_3	MM parameter for concentration eliciting half of max effect	317	1.67	306, 327	-
EMAX (score/day)	θ_4	MM parameter for max effect	0.550	6.78	0.477, 0.623	-
τ	θ_5	Dispersion parameter	20.2	0.838	19.9, 20.5	-
γ_0	θ_7	Boundary condition parameter	1.88	0.425	1.86, 1.89	-
γ_1	θ_8	Boundary condition parameter	0.936	1.14	0.915, 0.957	-
Interindividual variance parameters						
IIV-KOUT	$\Omega_{(1,1)}$	Variance of KOUT	5.83 [SD=0.337]	10.6	4.61, 7.04	0.271
IIV-EC50	$\Omega_{(3,3)}$	Variance of EC50	0.115 [CV%=34.9]	0.789	0.113, 0.117	1.00e-10
IIV-EMAX	$\Omega_{(4,4)}$	Variance of EMAX	0.153 [CV%=40.7]	1.59	0.148, 0.158	1.00e-10

Abbreviations: CI = confidence intervals; RSE = relative standard error; CV = coefficient of variation; MM = Michaelis-menten; SE = standard error
Confidence intervals = estimate ± 1.96 · SE
CV% of log-normal omegas = sqrt(exp(estimate) - 1) · 100