

Model Definition	Variability Model	Parameter Variability					
		Residual Variability					
	Parameter Model	Fixed Effects	Random Effects	Gaussian Model	Linear/Nonlinear Covariate Model		
				General			
		Correlation Structure		Pair-wise Matrix			
				Interpolation			
	Covariate Model	Continuous		Transformation			
				Distribution			
		Discrete		Transformation			
				Distribution			
	Structural Model	Algebraic Eqs					
		PK Macros					
		ODE		Initial Condition			
		DDE		History			
	Observation Model	Continuous		Residual Error			
		Discrete		Count	PMF		
				Categorical			
				Time-To-Event	Hazard/Survival Fct		
				Censoring			
Trial Design	Structure	Arm					
		Cell					
		Epoch					
		Segment					
		Activity		Bolus	Dosing Times/ Amounts		
				Infusion			
				Washout			
				Lookup Table			
		Observation Event		Epoch Ref/Period			
	Population	Covariates					
		Demographics					
	Individual Dosing	Dosing Times/ Amounts					
Modelling Steps	MONOLIX/NONMEM Dataset	Mapping/ Transformation		Column/Target/ Category			
	Simulation Step	Observations		Continuous	Time Points		
				Discrete			
	Estimation Step	Operation		Algorithm			
				Property			
		Parameter Estimation		Intitial Estimate			
				Lower/Upper Bound			
Step Dependencies	Objective Data						