

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				
	Covariate Model	Continuous		Interpolation				
				Transformation				
		Discrete		Distribution				
				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		Time Points		
	Simulation Step	Observations		Continuous	Discrete			
		Operation		Algorithm				
	Property							
	Estimation Step	Parameter Estimation		Intitial Estimate				
		Trial Design Objective Data		Lower/Upper Bound				
	Step Dependencies							