

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			
		Algebraic Eqs					
	PK Macros						
	Structural Model	ODE		Initial Condition			
		DDE		History			
		Continuous		Residual Error			
	Observation Model	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	Demographics					
Individual Dosing	Dosing Times/ Amounts						
Modelling Steps	MONOLIX/NONMEM Dataset	Mapping/ Transformation		Column/Target/ Category			
	Simulation Step	Observations		Continuous	Discrete	Time Points	
		Operation		Algorithm			
	Estimation Step	Parameter Estimation		Property			
				Intitial Estimate			
				Lower/Upper Bound			
Step Dependencies	Objective Data						