

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		
	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	Discrete	Time Points
	Estimation Step	Operation		Algorithm		
				Property		
		Parameter Estimation		Intitial Estimate		
			Lower/Upper Bound			
	Objective Data					
	Step Dependencies					