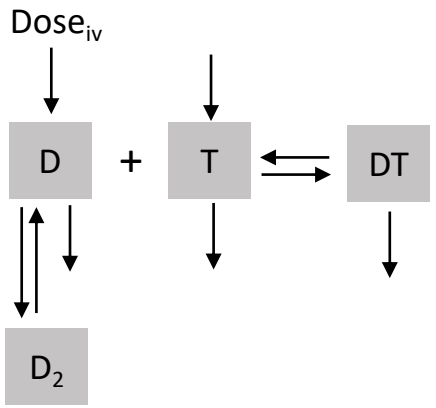
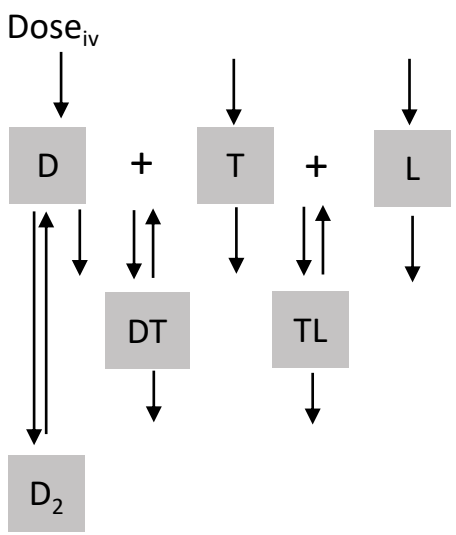
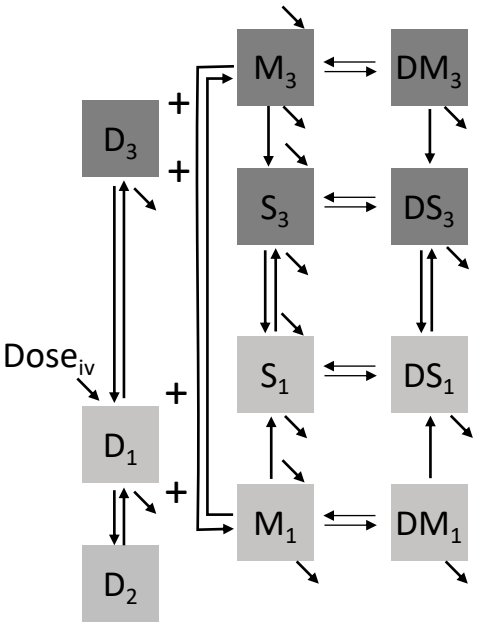
Steady State Inhibition Metric (SSIM) = $\frac{C_{ss}}{C_{ss} + IC_{50}}$

Name	Binding	TMDD	Competitive TMDD	Tissue TMDD
Tissue	In vitro	Circulation	Circulation	Tissue
Ligand	no	no	yes	no
IC_{50}	K_{ss}	$K_{ss} \cdot T_{fold,largeD}$	$K_{ss} \cdot T_{fold,largeD} \cdot L_{fold,largeD}$	$\frac{K_{ss} \cdot T_{fold,largeD}}{B}$
Model				

D = Drug
T = Target
L = Ligand
M = Membrane-bound target
S = Soluble target (shed)

1 = central compartment
2 = peripheral compartment
3 = tissue compartment

$T_{fold,largeD}$ = max fold-increase in total target from baseline at steady state, for large doses
$L_{fold,largeD}$ = max fold-increase in ligand from baseline at steady state, for large doses
B = tissue biodistribution coefficient