

Model	<i>Hepatic clearance</i>	<i>Partition coefficients</i>	<i>Fraction unbound</i>	<i>Hematocrit</i>	<i>Molecular weight</i>	<i>Ratio of blood to plasma</i>	<i>Elimination rate*</i>	<i>Volume of distribution*</i>	<i>Dynamic prediction</i>	<i>Steady state prediction</i>
pbtok	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
1compartment	No	No	No	No	Yes	No	Yes	Yes	Yes	Yes
3compartment	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
3compartmentss	Yes	No	Yes	No	Yes	No	No	No	No	Yes

Table 2: Model parameter and prediction comparison. *Partition coefficients are needed in calculating V_{dist} . Clearances and f_{ub} are needed in calculating k_{elim} .