Distributions of Estimated TK Parameters Volume of Distribution Elimination Rate 0.4 **Probability Density** b Probability Density 0.4 0.3 0.2 0.1 0.1 0.0 0.0 10<sup>3</sup> 10<sup>-5</sup>  $10^{-1}$ 10<sup>6</sup> V<sub>dist</sub> (L)  $k_{elim}$  (1/h) Oral Bioavailability **Oral Absorption Rate** 0.4 6d Probability Density **Probability Density** 0.3 0.2 0.1 0.0 10<sup>-6</sup> 10<sup>3</sup> 10<sup>-2</sup>  $10^{-1}$ k<sub>gutabs</sub> (1/h)  $\mathsf{F}_{\mathsf{bio}}$