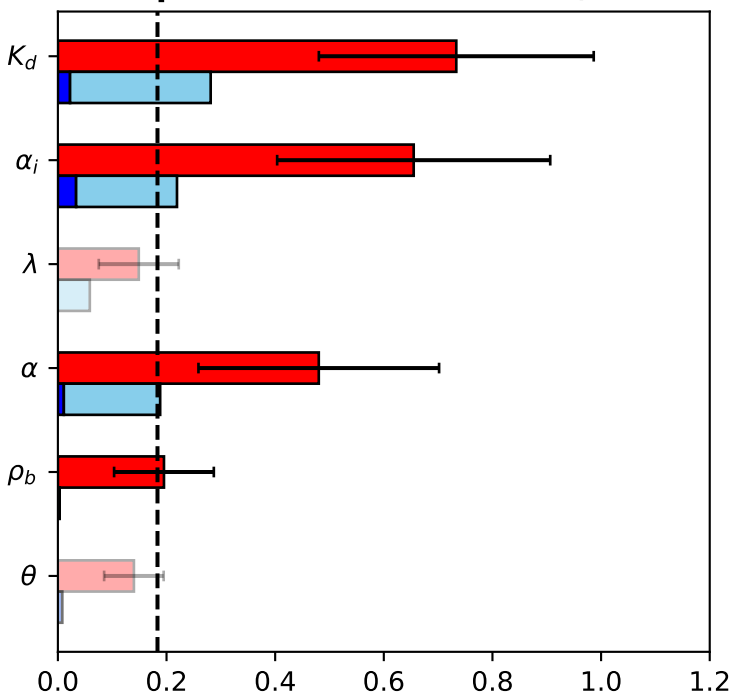
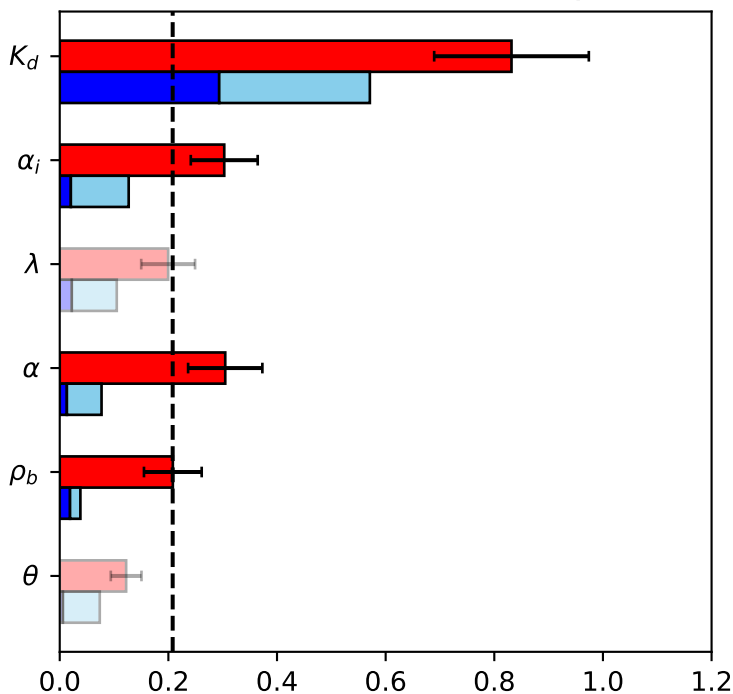
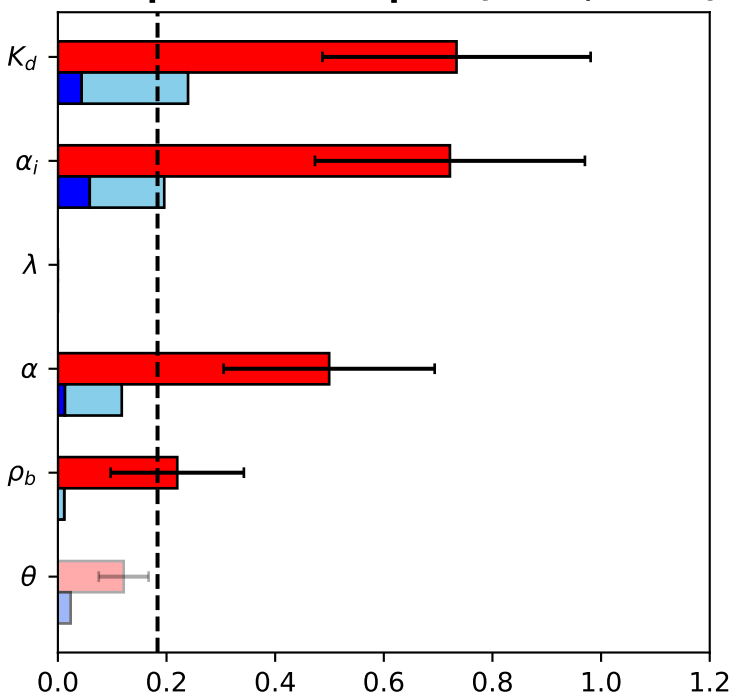
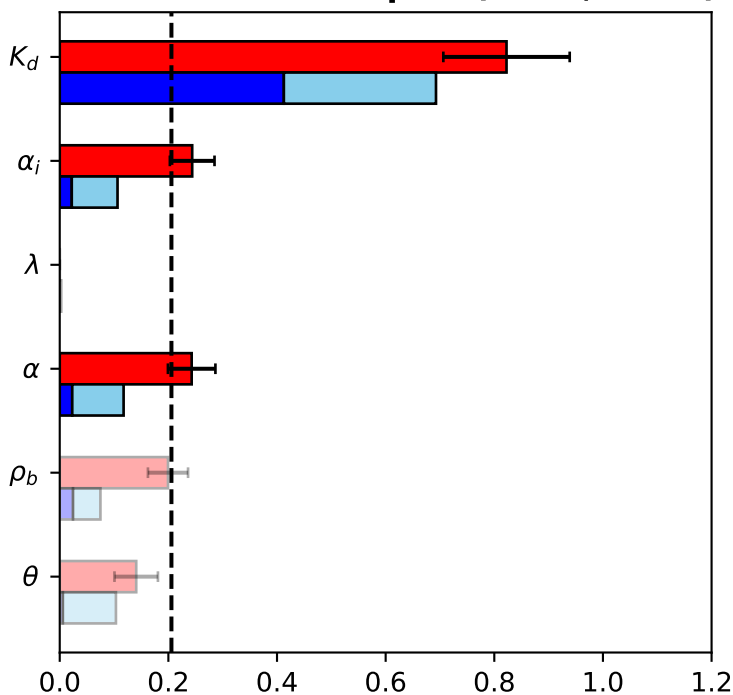


a. Dispersive Reaction ($Pe < 1$, $Da > 1$)**b. Advective Reaction ($Pe > 1$, $Da > 1$)****c. Dispersive Transport ($Pe < 1$, $Da < 1$)****d. Advective Transport ($Pe > 1$, $Da < 1$)**

■ Total Order ■ First Order ■ Second Order