



**Figure S8 Distributions of amplitude sensitivities and their associated kinetic parameter values**

In the upper panels, the amplitude sensitivity (A) and parameter value (B) distributions of the models showing seven smaller values of the CV amplitude are plotted. A parameter index of one indicates  $S[1]$ , 2:  $A[1]=A[2]$ , 3:  $R[1]=R[2]$ , 4:  $V[1]$ , 5:  $V[2]$ , 6:  $D[1]$ , 7:  $P[1]$ , 8:  $T[1]$ , 9:  $K[2]$ , 10:  $K[1]$ .

In the lower panels, the amplitude sensitivity (C) and parameter value (D) distributions of the models showing seven larger values of the CV amplitude are plotted.