

S5 Fig. Screening for KRCs using the Method of Morris. The method of Morris procedure with trajectory selection was conducted three times to generate path sets P_1, P_2, P_3 . The associated ℓ_2 -norm of the Morris sensitivity measures μ^*, σ for **A)** lag time; **B)** maximum relative rate; **C)** final concentration; were calculated. Parameters with the normalized ℓ_2 -norm of the Morris mean μ^* and standard deviation σ greater than 0.5 for any of the path subsets were chosen as candidates for the global Sobol method, determining a 25 model parameter subset.

