Additional figures

Figure S1

Figure S1: Modeling results of concentrations of Ru5P in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.
Figure S2: Modeling results of concentrations of PGA in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.
Figure S3

Figure S3: Modeling results of concentrations of GAP in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.
Figure S4

Figure S4: Modeling results of concentrations of sink in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.
Figure S5: Modeling results of reaction rates of $v_1$ in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.
Figure S6: Modeling results of reaction rates of $v_2$ in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.
Figure S7: Modeling results of reaction rates of $v_3$ in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.
Figure S8

Figure S8: Modeling results of reaction rates of \( v_4 \) in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.
Figure S9: Modeling results of reaction rates of $v_5$ in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.
Figure S10: Modeling results of reaction rates of $v_6$ in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.
Figure S11

Figure S11: Modeling results of reaction rates of $v_7$ in the simplified model of the Calvin cycle by the different approaches. The residual sum of squares value of each approach is presented in the bottom right of the corresponding subfigure.