

Table S2. Estimated global parameters of the segregated cell growth model with confidence intervals between 0.025-quantile and 0.975-quantile ($Q_{0.025} - Q_{0.975}$) calculated via a bootstrap method with 2500 runs.

Parameter	Value	$Q_{0.025}-Q_{0.975}$	Unit	Parameter	Value	$Q_{0.025}-Q_{0.975}$	Unit
$k_{Glc^x}^m$	9.78e+00	4.52e+00- 1.25e+01	mmol/L	α	3.66e+05	3.08e+05- 5.93e+05	-
μ_{\max}	4.20e-04	3.46e-04- 4.73e-04	1/min	k_d^{\min}	1.93e-12	1.93e-14- 3.27e-05	1/min
Y_{x/Glc^x}	6.02e-09	4.96e-09- 1.32e-06	mmol/L/cell	k_d^{\max}	9.48e-05	6.66e-05- 1.02e-04	1/min
m_{Glc^x}	4.28e-04	1.70e-04- 4.49e-04	mmol/L/ μ L/min	β	1.46e-19	1.46e-21- 1.02e-05	1/min