Table 3
Fitted values for the intra cellular fluxes in [net, xch]-coordinates and associated standard deviations

Flux name	Net value (mmol/(s L_{cell}))		Xch value (mmol/(s L_{cell}))	
	Non-stationary model	Stationary model	Non-stationary model	Stationary model
emp1	0.251 (±0.023)	0.127 (±0.042)	0.604 (±0.164)	0.110 (±0.085)
emp2	0.414 (±0.008)	0.360 (±0.015)	0.000	0.000
emp3	0.414 (±0.008)	0.360 (±0.015)	0.026 (±0.010)	0.000 (±0.029)
emp4[a]	0.407 (±0.008)	Not modeled	23.920 (±675.6)	Not modeled
emp5	0.894 (±0.008)	0.821 (±0.019)	0.000	0.000
emp6	0.800 (±0.008)	0.727 (±0.019)	0.000	0.000
emp7	0.577 (±0.033)	0.577 (±0.085)	0.000 (±0.020)	0.000
ppp1[a]/2	0.313 (±0.023)	0.418 (±0.041)	0.000	0.000
ppp3	0.073 (±0.008)	0.108 (±0.014)	0.062 (±0.014)	0.050 (±0.070)
ppp4	0.094 (±0.008)	0.129 (±0.014)	0.274 (±0.030)	0.000 (±0.073)
ppp5	0.094 (±0.008)	0.129 (±0.014)	0.083 (±0.013)	0.063 (±0.044)
tcc1	0.530 (±0.017)	0.385 (±0.084)	0.000	0.000
tcc2	0.207 (±0.008)	0.129 (±0.019)	0.000	0.000
tcc3	0.090 (±0.007)	0.079 (±0.097)	0.000	0.000
tcc4	0.016 (±0.007)	0.004 (±0.097)	0.000	0.000
tcc5a/b	0.066 (±0.004)	0.027 (±0.010)	16.829 (±201.3)	0.110 (±2.08)
tcc6	0.124 (±0.655)	0.104 (±0.085)	0.015 (±0.059)	0.110 (±1.05)
gs1/2	0.116 (±0.011)	0.050 (±0.089)	0.000	0.000
ana1	0.178 (±0.036)	0.125 (±0.084)	0.000 (±0.029)	0.025 (±0.104)
ana2	0.125 (±0.039)	0.000 (±0.151)	23.847 (±63.2)	0.000
bs_akg	0.075 (±0.000)	0.075 (±0.000)	23.920 (±30.1)	0.000
bs_oaa	0.095 (±0.000)	0.095 (±0.000)	11.574 (±90.0)	0.000
bs_p5p[a]	0.052 (±0.000)	Not modeled	0.407 (±0.040)	Not modeled
prod_CO_2	0.775 (±0.005)	0.755 (±0.044)	0.000	0.000

Values of Xch = 0.000 without brackets are fixed in the model to assure uni-directionality of the associated fluxes.

[a] Fluxes solely modeled in the non-stationary model.