Table S5 Sum of squared error (SE) using different objective functions for predicting exometabolic fluxes of *S.cerevisiae* at different uptake rates of glucose

Uptake rates	$J=\sum_{i=1}^{m}\phi(v_i-z_i)+\|v\|_1$	$J=\sum_{i=1}^{m}\phi(v_i-z_i)$	$J=\|v-z\|_2$	$J=\|v\|_1$	$J=\|v-z\|_2+\|v\|_1$
16.5	0.5	14.8	14.8	13.8	3.1×10^3
11.0	1.2	17.9	18.9	15.2	3.2×10^3
Average	0.85	16.35	16.85	14.5	3.15×10^3