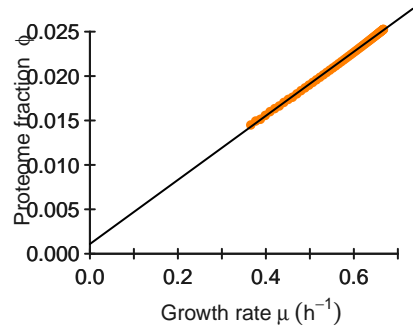
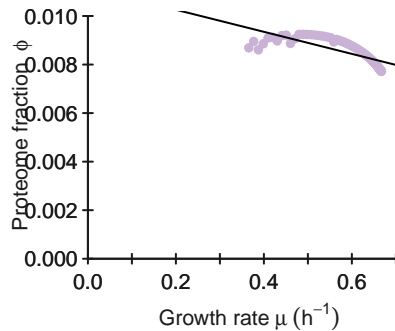
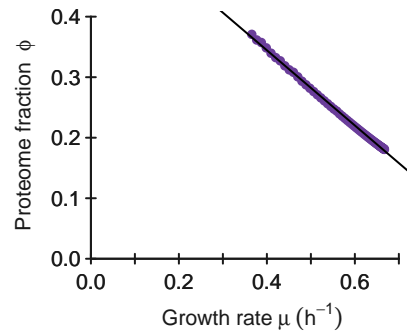
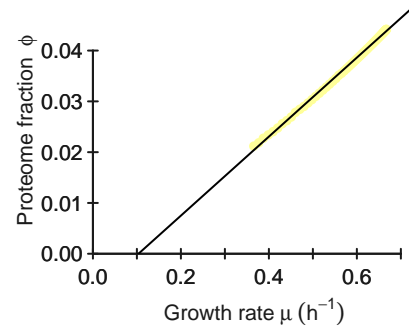
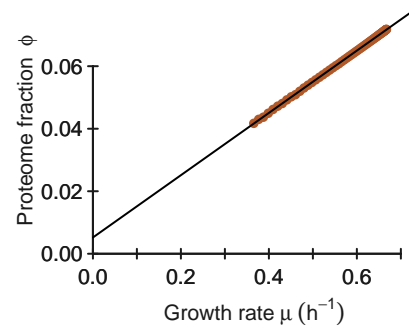
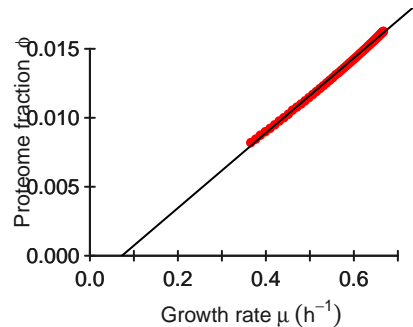
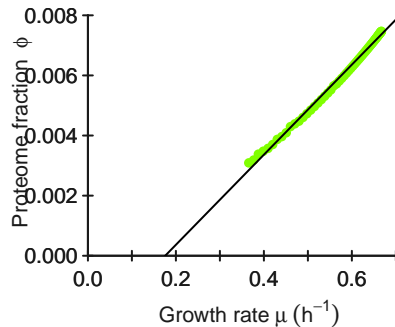
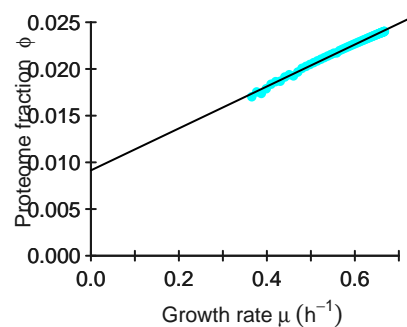
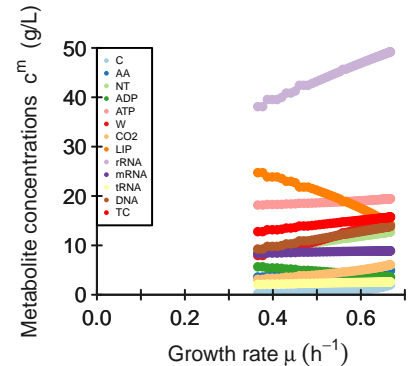
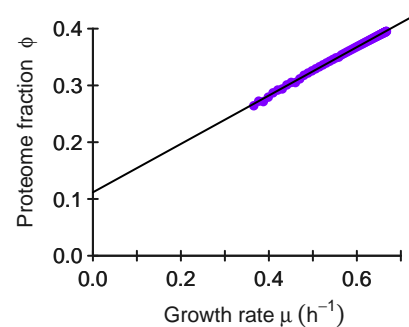
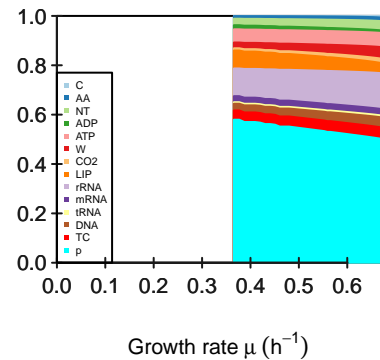
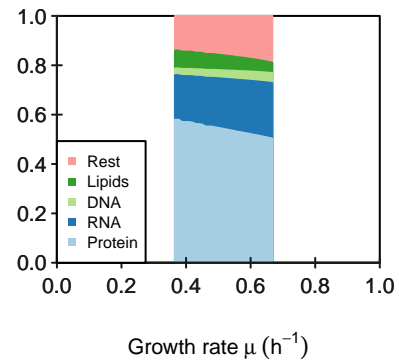


ENT**LIPS****Maint****rRNAp****mRNAp****tRNAp****DNAp****tRNAc****r**

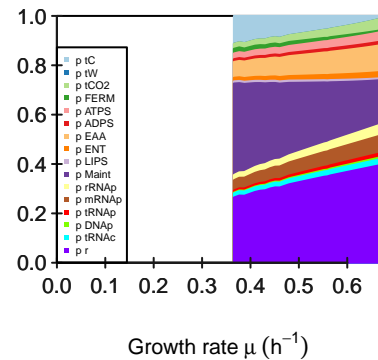
Relative biomass composition



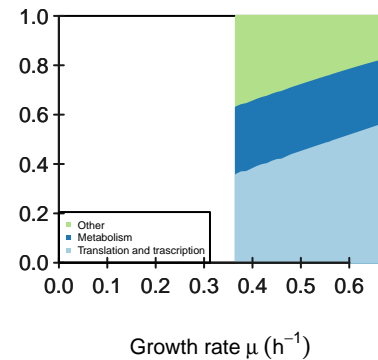
Predicted biomass



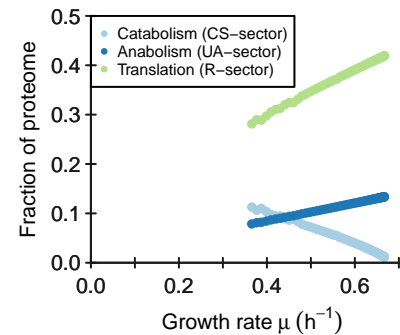
Proteome composition



Proteome sectors



Proteome sectors



M

[illegible]

K

[illegible]

KA[illegible]

kcat

	tC	tW	tCO2	FERM	ATPS	ADPS	EAA	ENT	LIPS	Maint	rRNAp	mRNAp	tRNAp	DNAp	tRNAc	r
kcatf	1079	10	34	7040	704	12	11	152	58	70	9	1	9	15	10310	626
kcatb	108	1	3	704	70	1	1	15	6	0	0	0	0	0	0	0

Keq

[1,]	799.259259259259	[,1] 10	[,2] 17	[,3] 245	11.1746031746032	[,5] 6	[,6] 44	6.75555555555556	[,8] 75.1851851851852	[,9] Inf	[,10] Inf	[,11] Inf	[,12] Inf	[,13] Inf	[,14] Inf	[,15] Inf	[,16] Inf
------	------------------	------------	------------	-------------	------------------	-----------	------------	------------------	--------------------------	-------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------

phi input

[1,]	[,1]	[,2]	[,3]	[,4]	[,5]	[,6]	[,7]	[,8]	[,9]	[,10]	[,11]	[,12]	[,13]	[,14]	[,15]	[,16]
	0.002	0.02	0.01	0.041	0.046	0.005	0.165	0.023	0.031	0.277	0.0426	0.0213	0.0071	0.002	0.023	0.284

average saturation input

3

minimal phi constraint

[1,]	[.1] 0	[.2] 0	[.3] 0	[.4] 0	[.5] 0	[.6] 0	[.7] 0	[.8] 0	[.9] 0	[.10] 0	[.11] 0	[.12] 0	[.13] 0	[.14] 0	[.15] 0	[.16] 0
------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	------------	------------	------------	------------	------------	------------	------------

minimal f constraint

[1,]	[,1] 0	[,2] 0	[,3] 0	[,4] 0	[,5] 0	[,6] 0	[,7] 0	[,8] 0	[,9] 0	[,10] 8	[,11] 0	[,12] 0	[,13] 0	[,14] 0	[,15] 0	[,16] 0
------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	------------	------------	------------	------------	------------	------------	------------