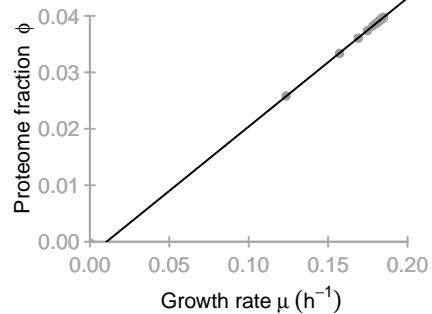
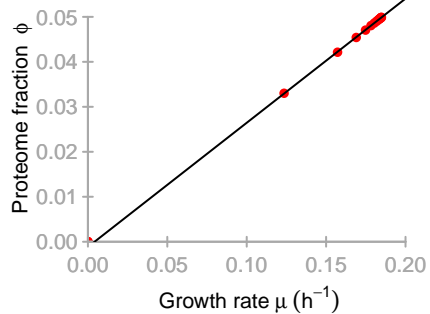
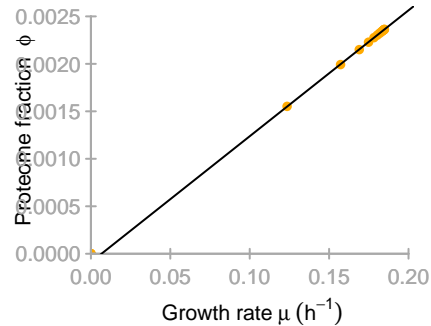
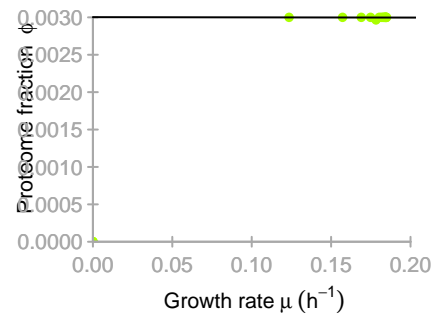
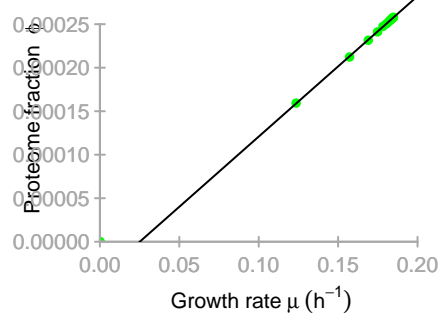
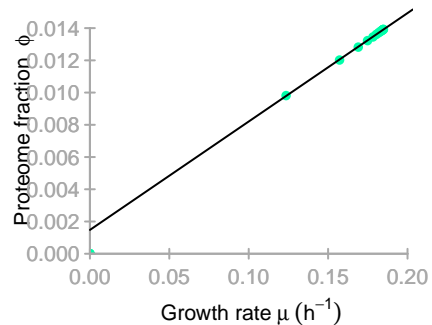
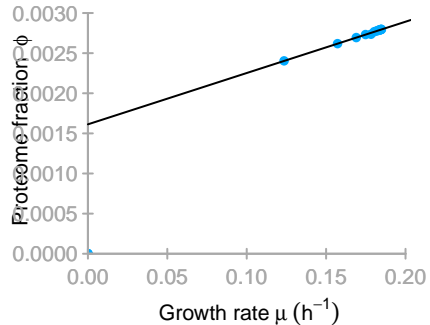
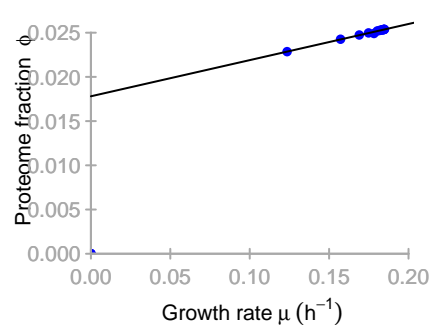
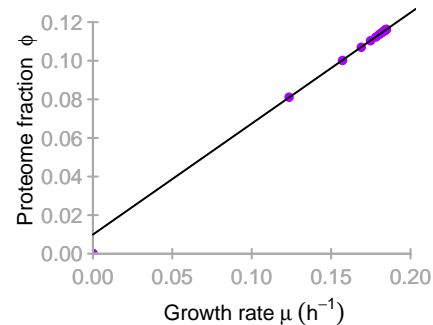
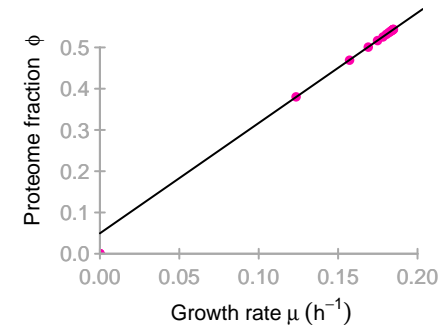
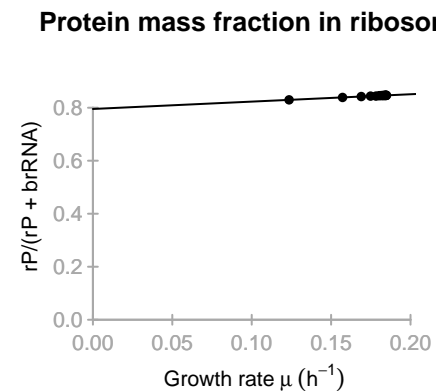
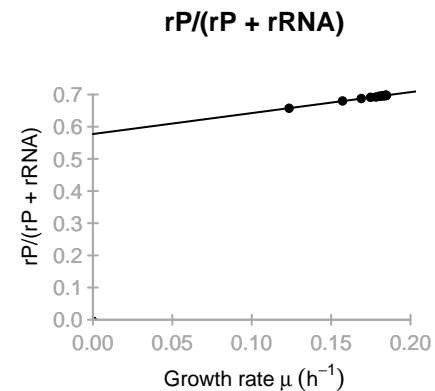
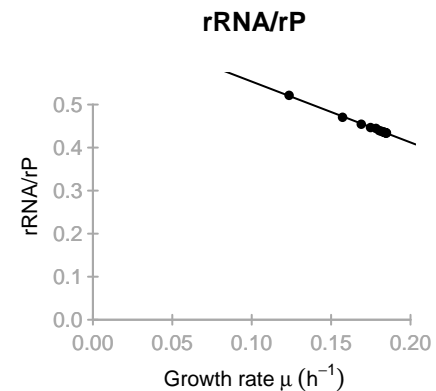
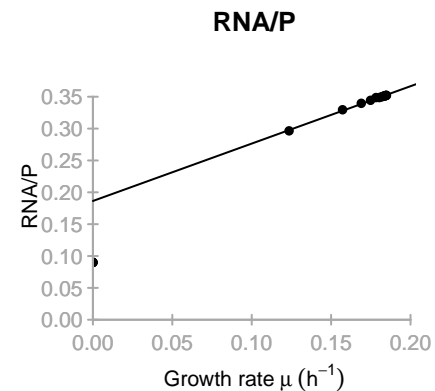
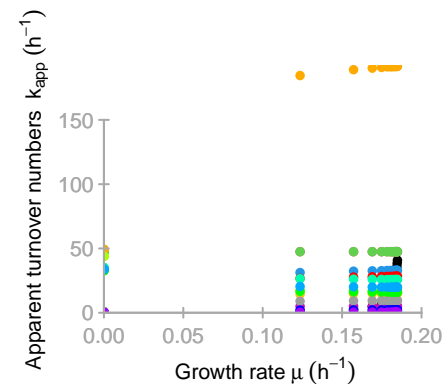
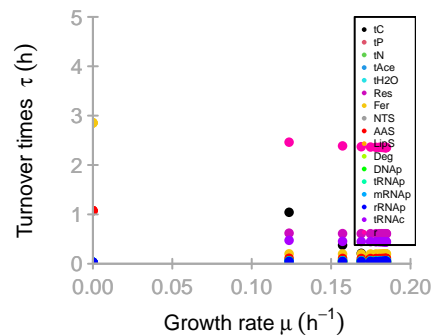
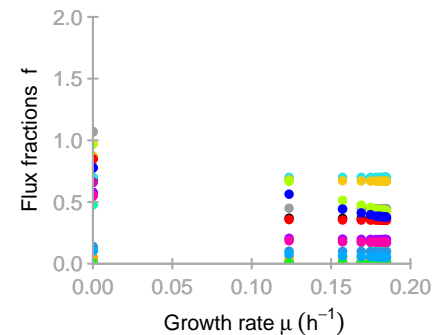
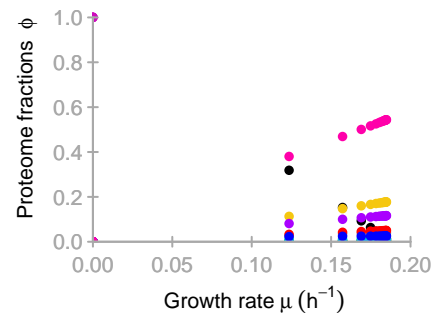
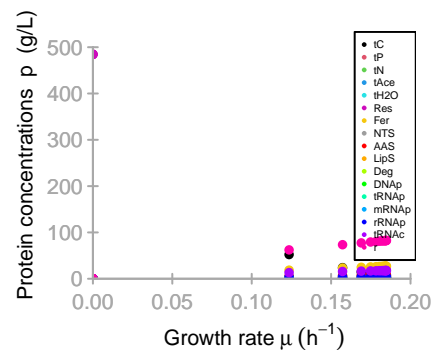
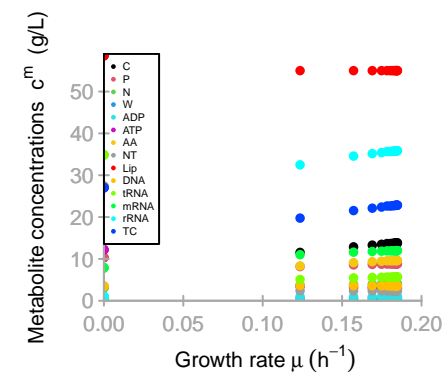
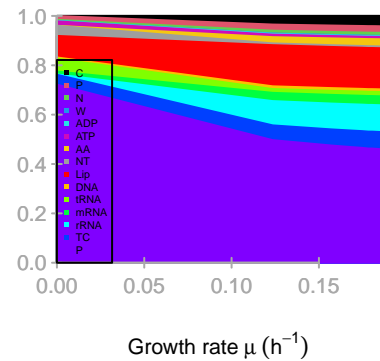


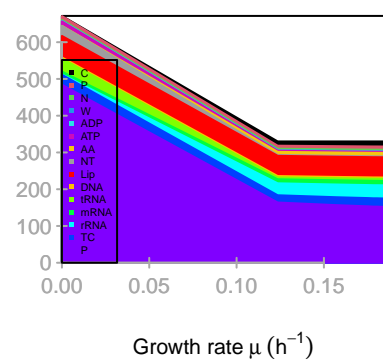
**NTS****AAS****LipS****Deg****DNAp****tRNAp****mRNAp****rRNAp****tRNAc****r**



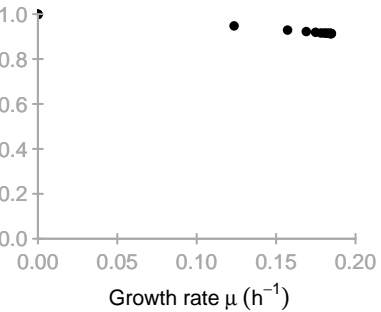
Relative biomass composition



Absolute biomass composition



Fraction of degraded rRNA



**M**

[illegible]

**K**

[illegible]

**KA**[illegible]

# kcat

	[,1]	[,2]	[,3]	[,4]	[,5]	[,6]	[,7]	[,8]	[,9]	[,10]	[,11]	[,12]	[,13]	[,14]	[,15]	[,16]	[,17]
kcatf	50	100	100	100	1000	20	60	30	30	40	285	200	140	140	140	20	4.55
kcatb	5	5	5	5	1	1	1	1	1	4	0	0	0	0	0	0	0



# Keq

[1,]	[,1] 10	[,2] 20	[,3] 20	[,4] 20	[,5] 100	0.2666666666666667	[,6] 0.8	[,7] 0.8	[,8] 6	[,9] 2	[,10] 2	[,11] Inf	[,12] Inf	[,13] Inf	[,14] Inf	[,15] Inf	[,16] Inf	[,17] Inf
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## 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] 0.003	[,12] 0	[,13] 0	[,14] 0	[,15] 0	[,16] 0	[,17] 0
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## minimal f constraint

[1,]	[,1] 0	[,2] 0	[,3] 0	[,4] 0	[,5] 0.7	[,6] 0	[,7] 0	[,8] 0	[,9] 0	[,10] 0.05	[,11] 0	[,12] 0	[,13] 0	[,14] 0	[,15] 0	[,16] 0	[,17] 0
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