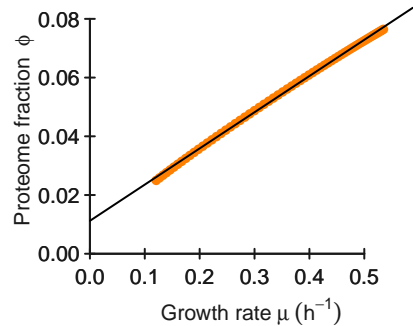
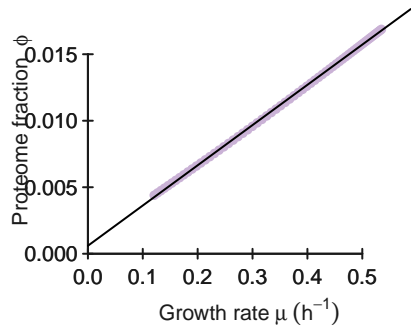


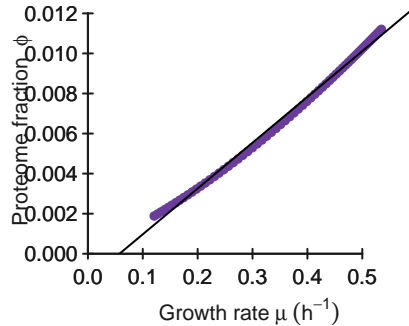
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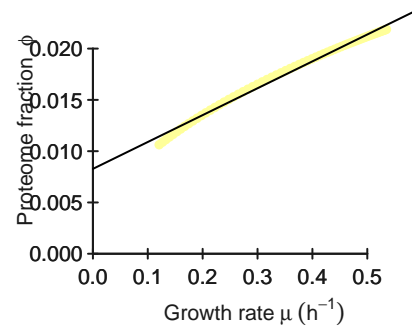
tRNAp



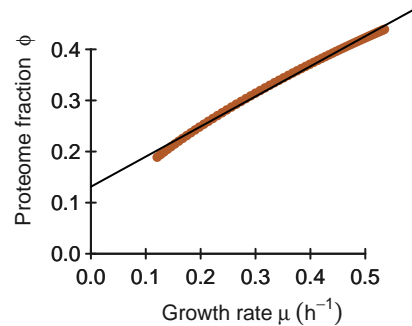
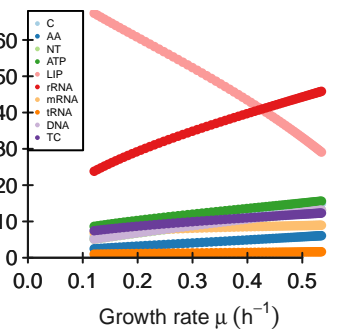
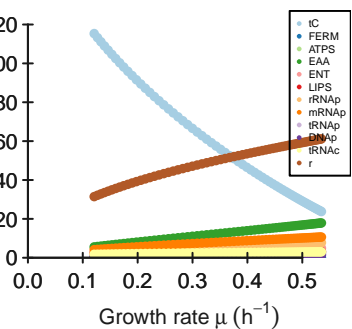
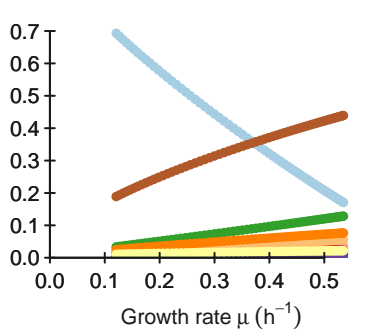
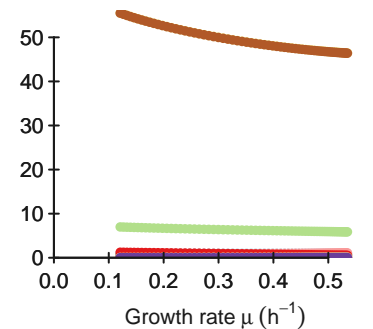
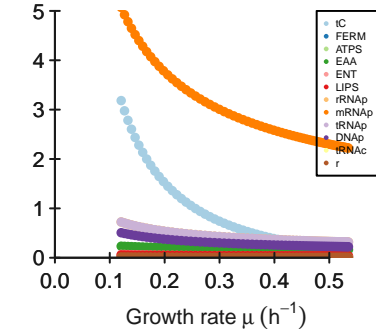
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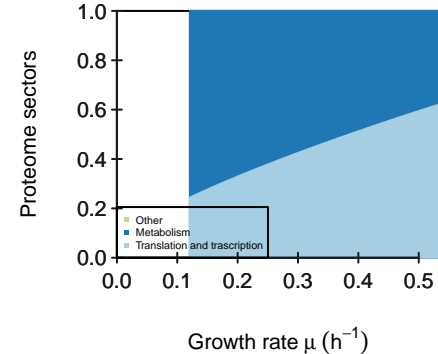
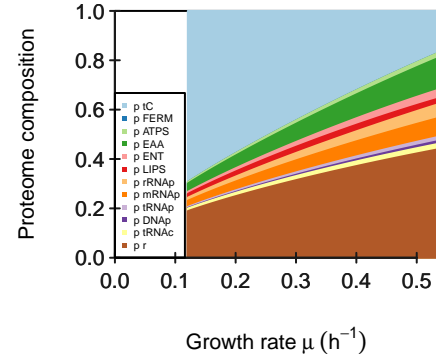
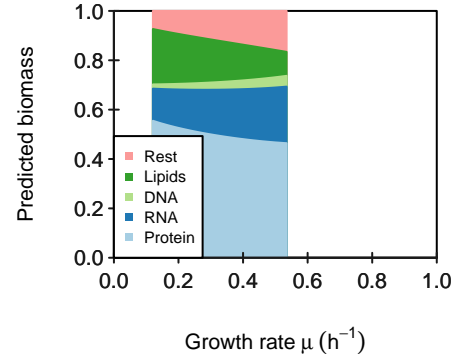
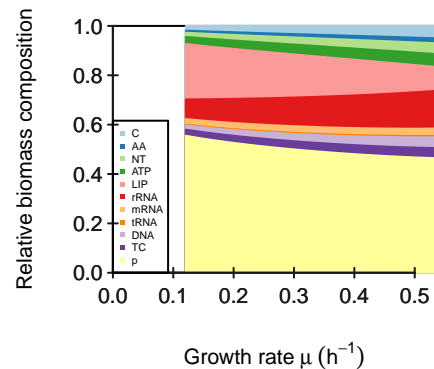
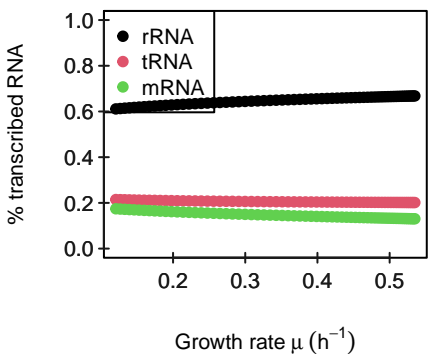
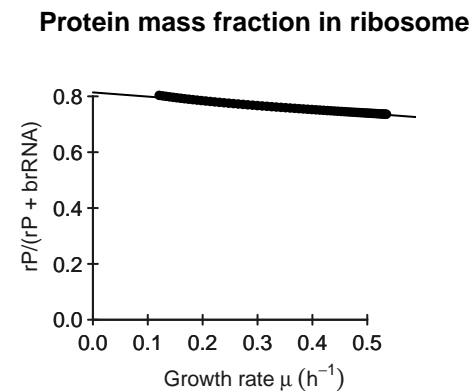
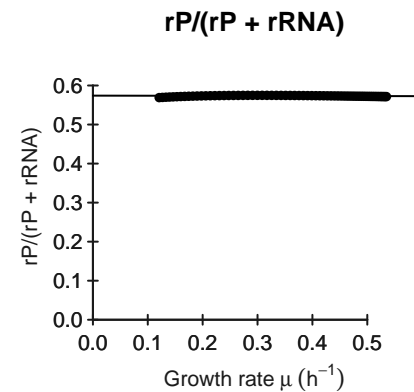
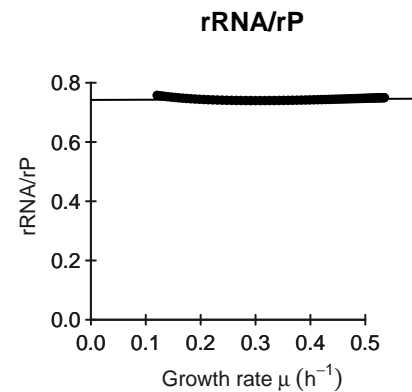
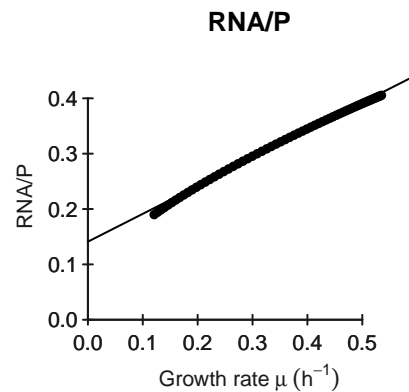
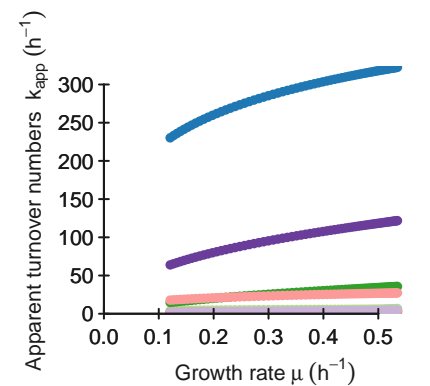


tRNAc

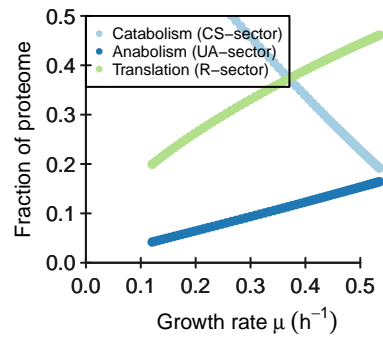


r

Metabolite concentrations c^m (g/L)Protein concentrations p (g/L)Proteome fractions ϕ Flux fractions f Turnover times τ (h)



Proteome sectors



M

[illegible]

K

[illegible]

KA[illegible]

kcat[illegible]

Keq

[1,]	[,1] Inf	[,2] Inf	[,3] Inf	[,4] Inf	[,5] Inf	[,6] Inf	[,7] Inf	[,8] Inf	[,9] Inf	[,10] Inf	[,11] Inf	[,12] Inf
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phi input

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average saturation input

3

minimal phi constraint

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[2]
 0

[3]
 0

[4]
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[5]
 0

[6]
 0

[7]
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[8]
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[9]
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[10]
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[11]
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[12]
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minimal f constraint

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[2]
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[3]
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