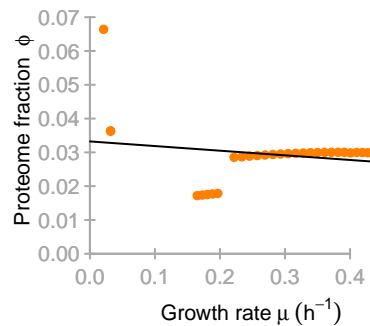
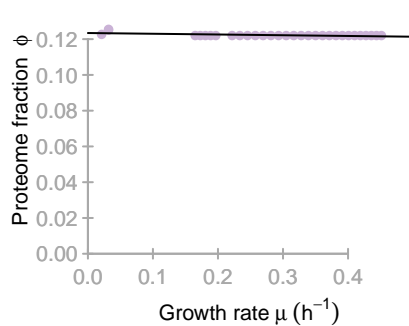
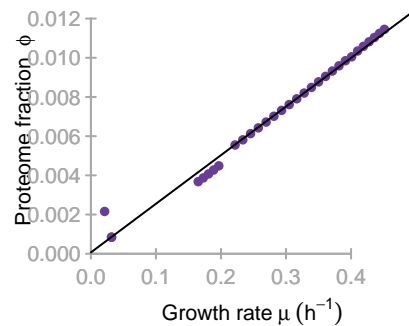
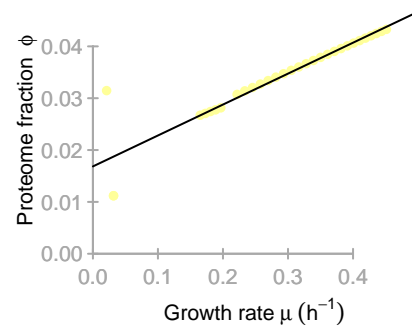
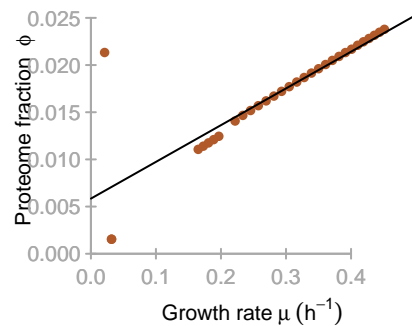
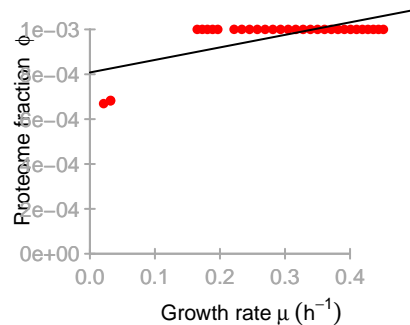
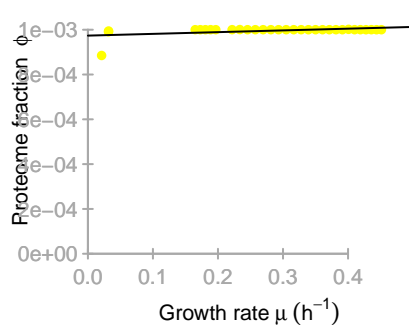
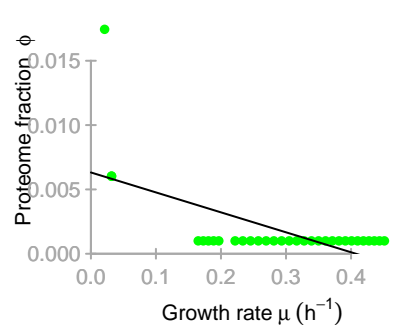
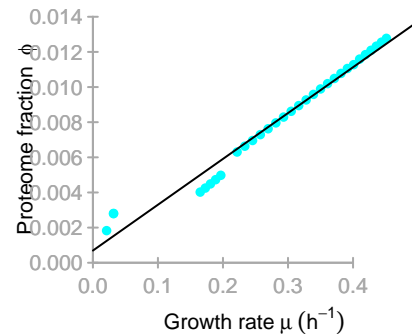
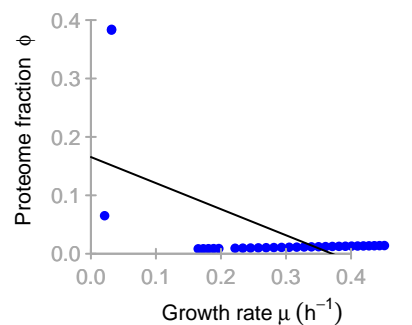
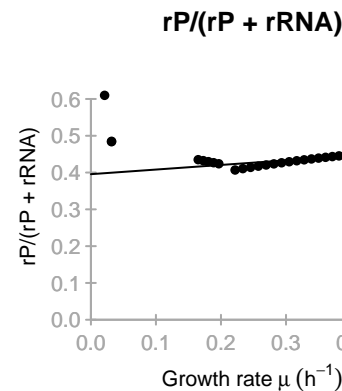
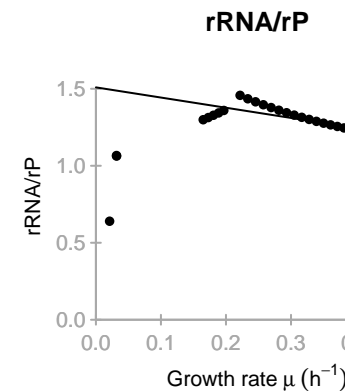
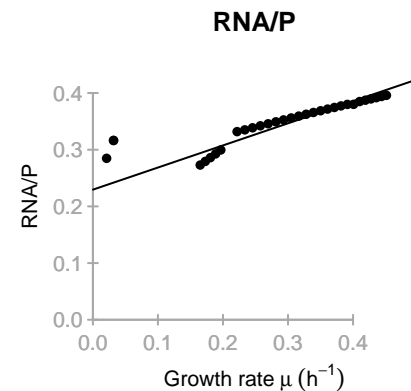
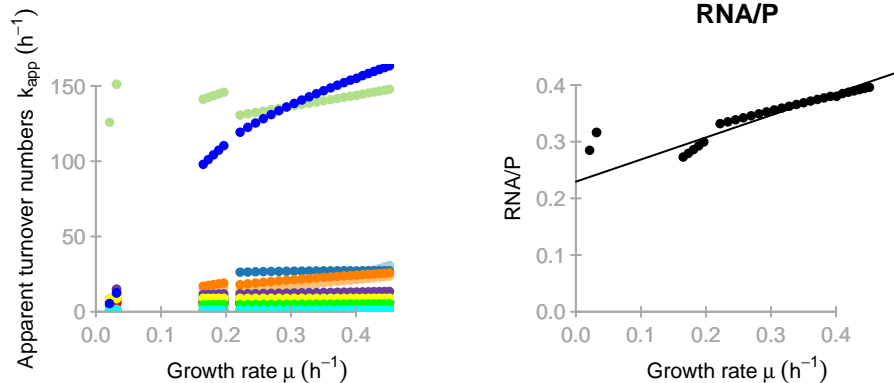
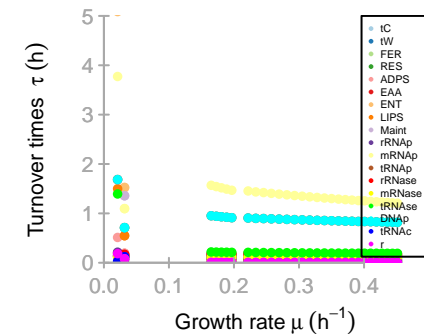
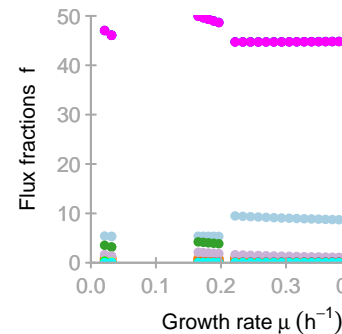
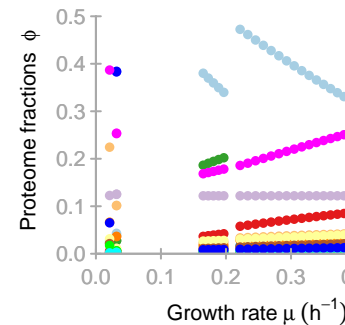
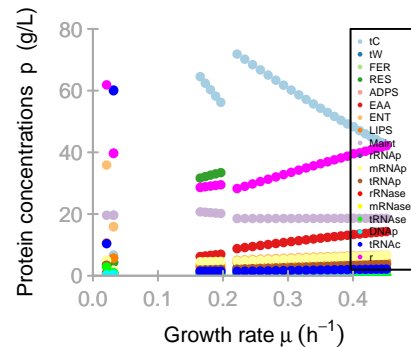
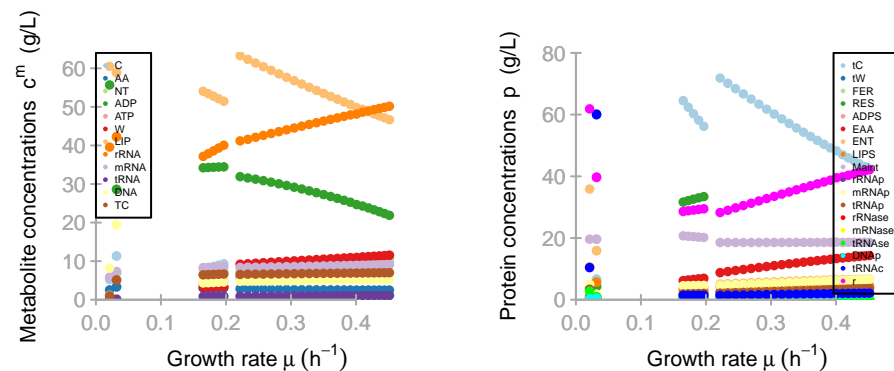
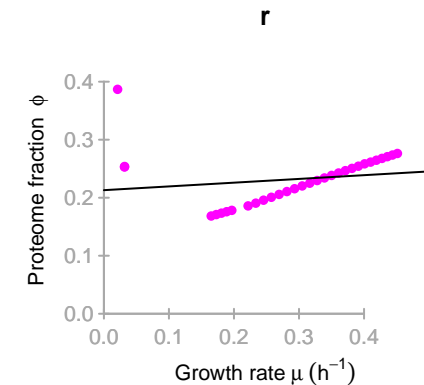
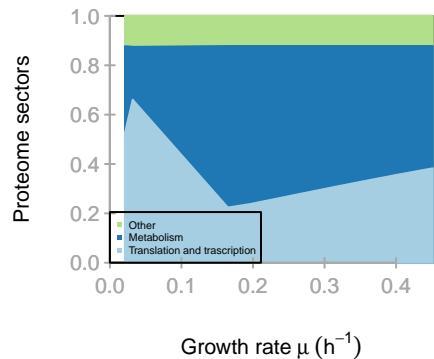
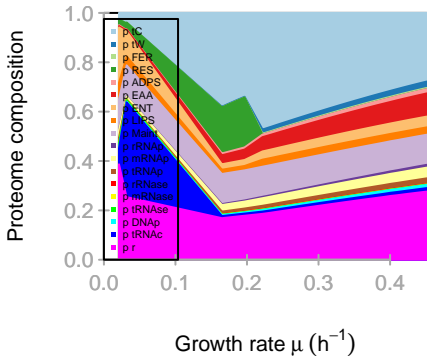
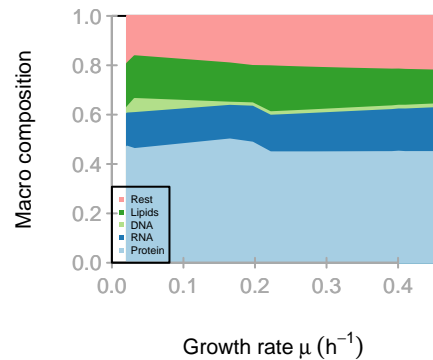
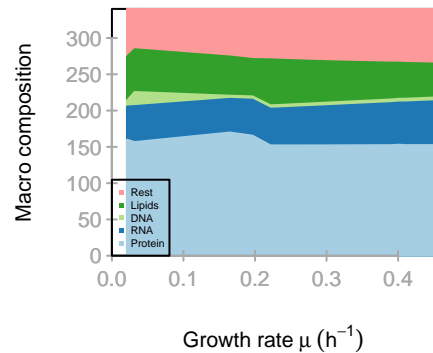
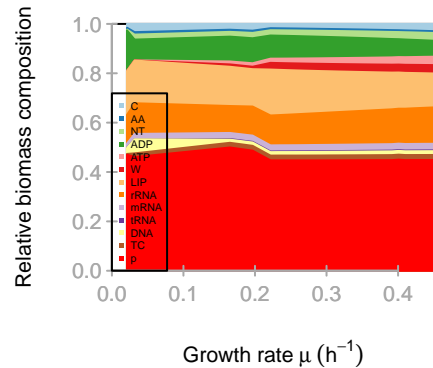
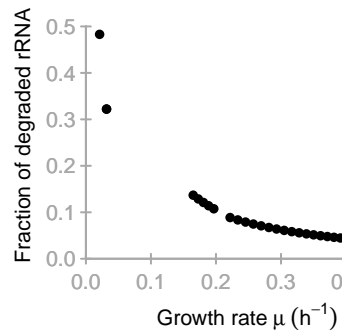
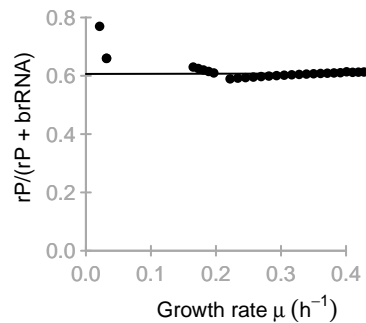


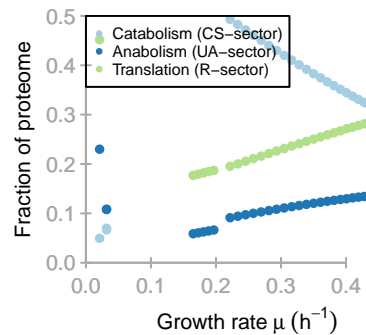
**LIPS****Maint****rRNAp****mRNAp****tRNAp****rRNase****mRNase****tRNase****DNAp****tRNAc**



### Protein mass fraction in ribosome



## Proteome sectors



**M**

[illegible]

**K**

[illegible]

**KA**[illegible]





# Keq

[1.]	[,1] 406	[,2] 0.797202797202797	[,3] 5.02777777777778	[,4] 647.5	[,5] 3.5	[,6] 10	[,7] 33.8888888888889	[,8] 116.666666666667	[,9] Inf	[,10] Inf	[,11] Inf	[,12] Inf	[,13] Inf	[,14] Inf	[,15] Inf	[,16] Inf	[,17] Inf	[,18] Inf
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## phi input

[1,]	[,1] 0.135	[,2] 0.01	[,3] 0.01	[,4] 0.05	[,5] 0.01	[,6] 0.15	[,7] 0.04	[,8] 0.1	[,9] 0.122	[,10] 0.01	[,11] 0.01	[,12] 0.01	[,13] 0.001	[,14] 0.001	[,15] 0.001	[,16] 0.02	[,17] 0.02	[,18] 0.3
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**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] 0.122	[,10] 0	[,11] 0	[,12] 0	[,13] 0.001	[,14] 0.001	[,15] 0.001	[,16] 0	[,17] 0	[,18] 0
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### minimal f constraint

$$[1,] \quad [1]_0 \quad [2]_0 \quad [3]_0 \quad [4]_0 \quad [5]_0 \quad [6]_0 \quad [7]_0 \quad [8]_0 \quad [9]_0 \quad [10]_0 \quad [11]_0 \quad [12]_0 \quad [13]_0 \quad [14]_0 \quad [15]_0 \quad [16]_0 \quad [17]_0 \quad [18]_0$$