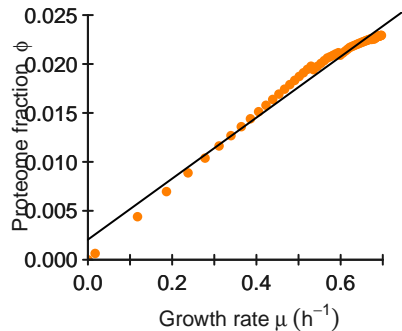
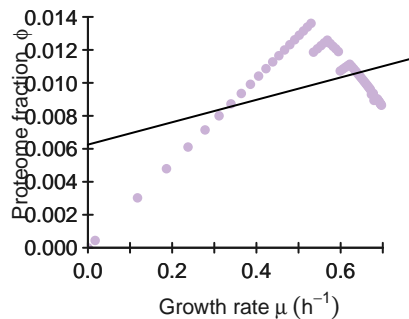
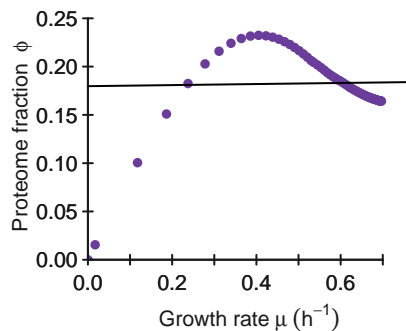
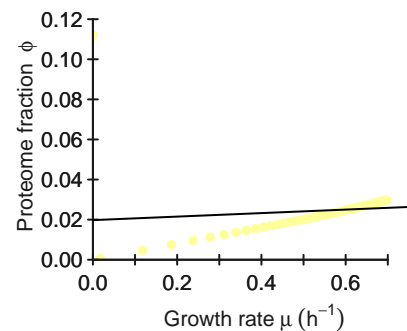
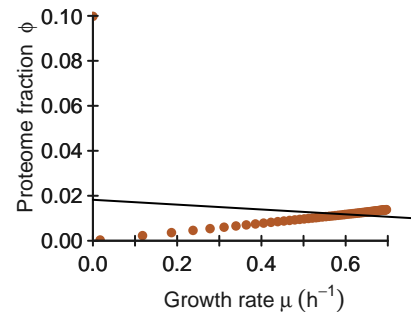
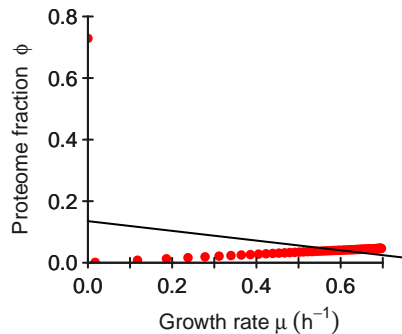
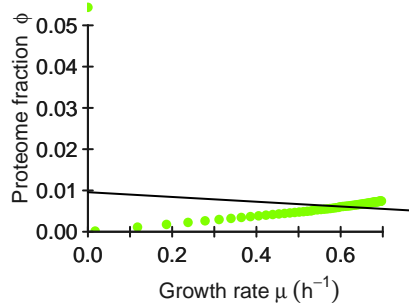
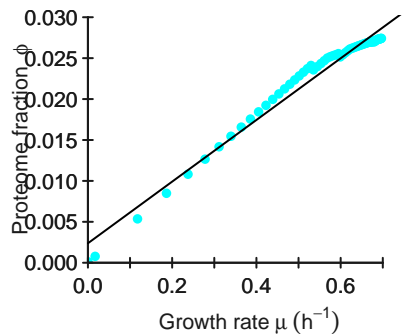
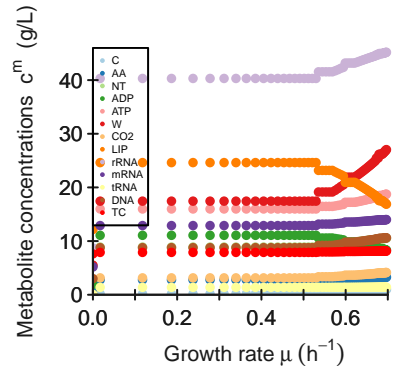
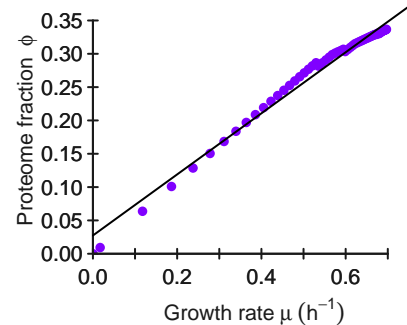
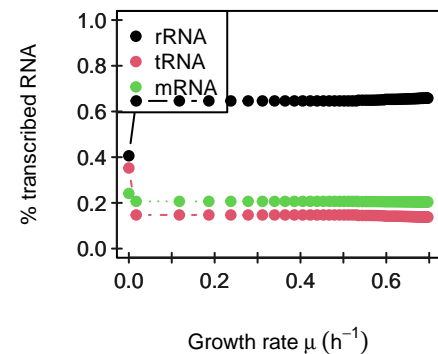
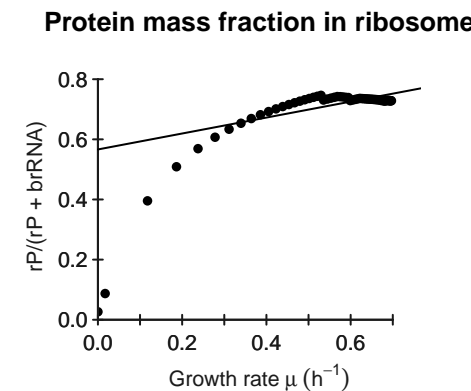
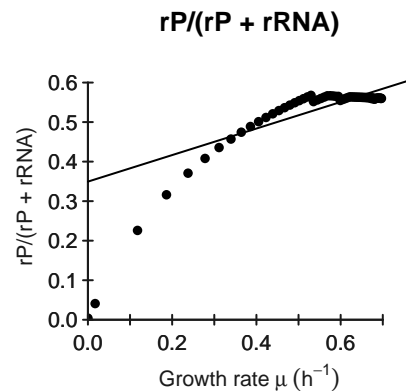
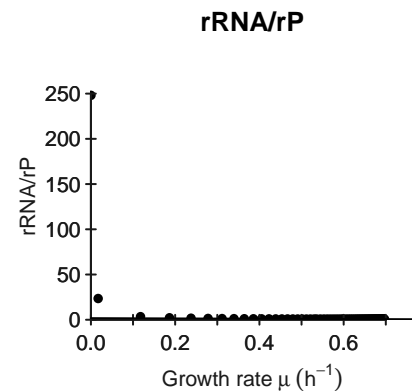
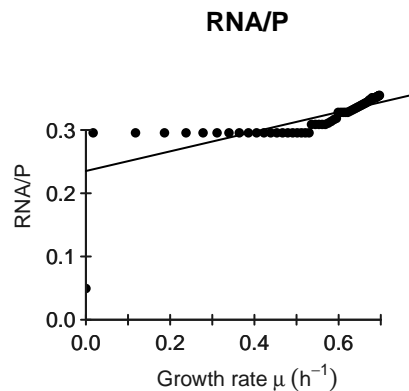
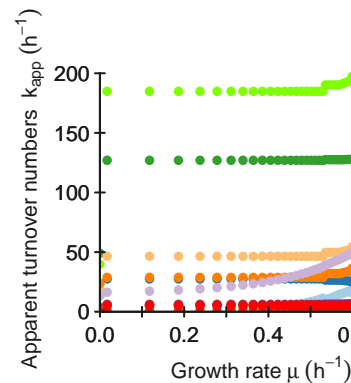
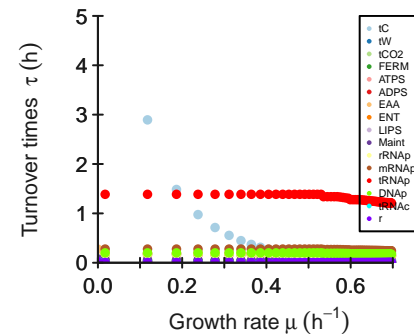
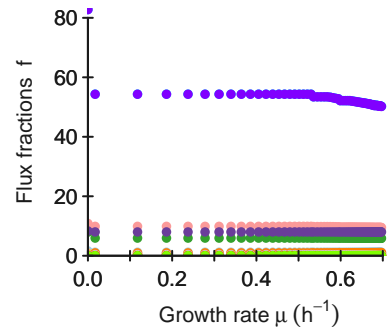
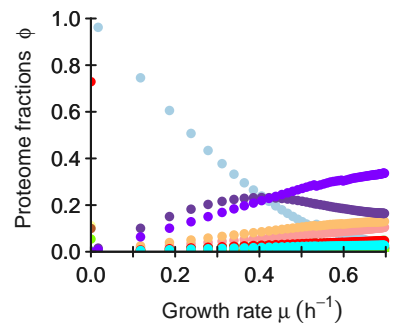
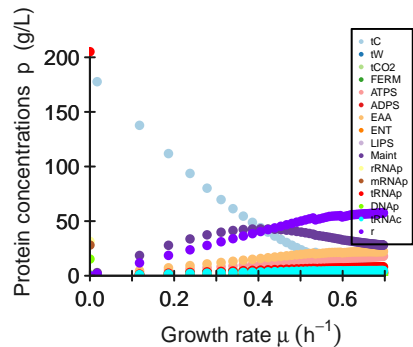
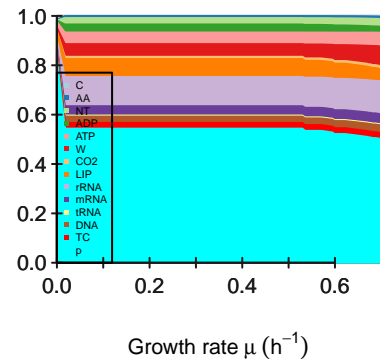


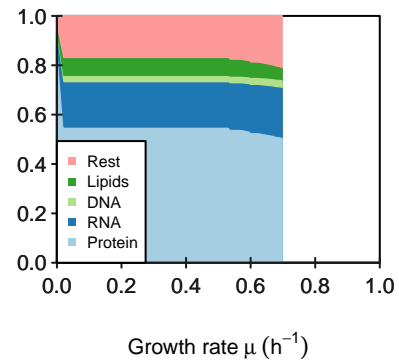
ENT**LIPS****Maint****rRNAp****mRNAp****tRNAp****DNAp****tRNAc****r**



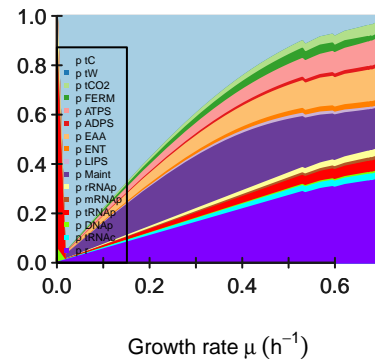
Relative biomass composition



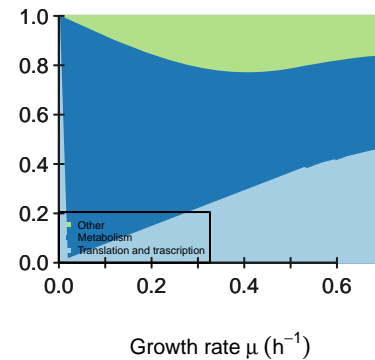
Predicted biomass



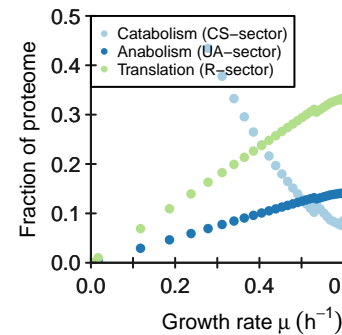
Proteome composition



Proteome sectors



Proteome sectors



M

[illegible]

K

[illegible]

KA[illegible]

kcat

| | [,1] | [,2] | [,3] | [,4] | [,5] | [,6] | [,7] | [,8] | [,9] | [,10] | [,11] | [,12] | [,13] | [,14] | [,15] | [,16] |
|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| kcatf | 600 | 100 | 34 | 2000 | 200 | 14 | 12 | 220 | 73 | 81 | 15 | 10 | 2 | 16 | 15000 | 800 |
| kcatb | 60 | 10 | 3 | 200 | 20 | 1 | 1 | 22 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Keq

| | | | | | | | | | | | | | | | | | | | | |
|------|-------------|------------|------------|-------------|-------------------|--|------------|-----------|-------------------|--|--------------------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| [1,] | [,1] 100 | [,2] 30 | [,3] 17 | [,4] 500 | 41.66666666666667 | | [,5] 14 | [,6] 6 | 3.333333333333333 | | [,7] 17.3809523809524 | [,8] Inf | [,9] Inf | [,10] Inf | [,11] Inf | [,12] Inf | [,13] Inf | [,14] Inf | [,15] Inf | [,16] Inf |
|------|-------------|------------|------------|-------------|-------------------|--|------------|-----------|-------------------|--|--------------------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

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 |
|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|