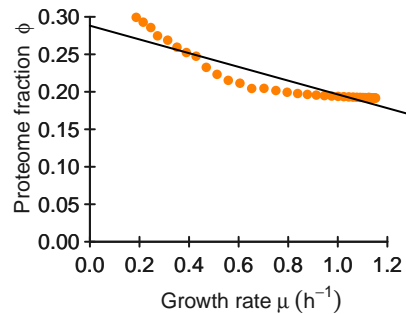
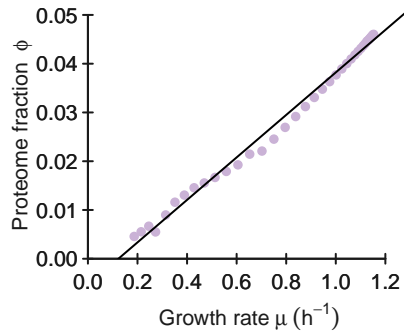
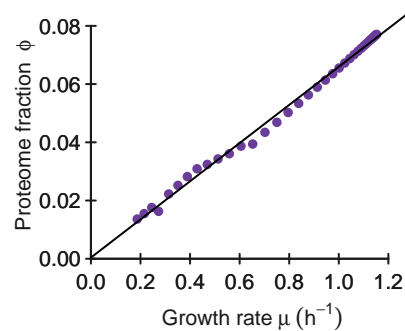
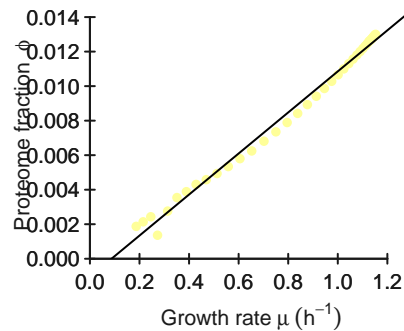
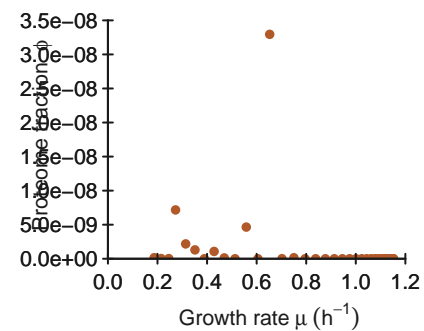
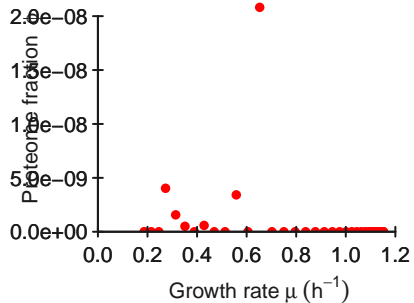
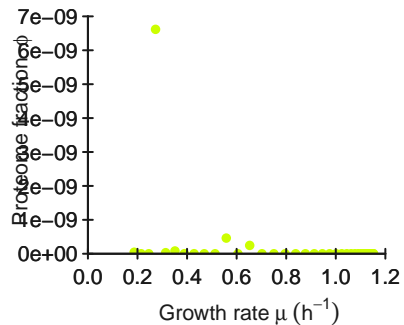
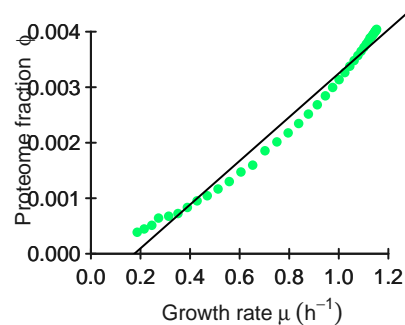
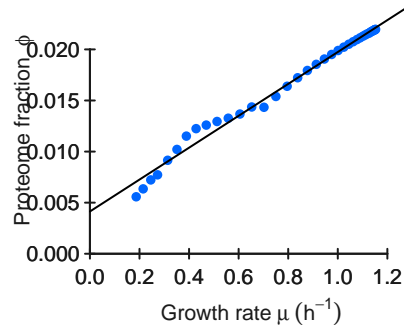
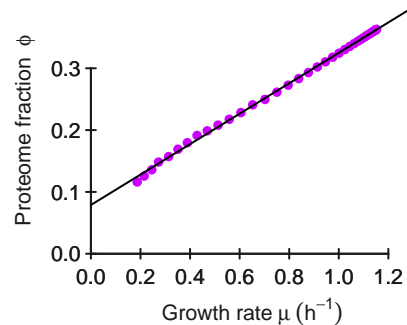
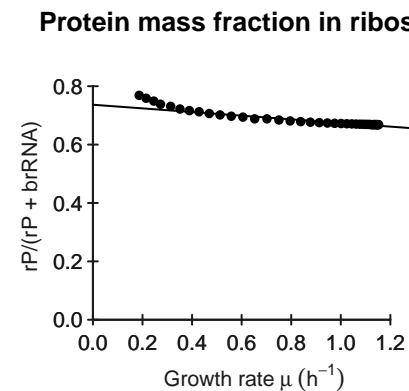
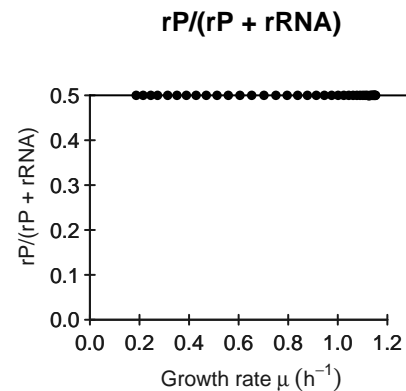
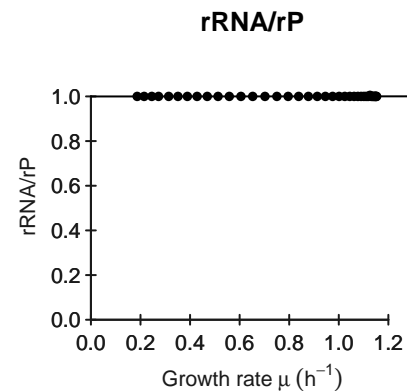
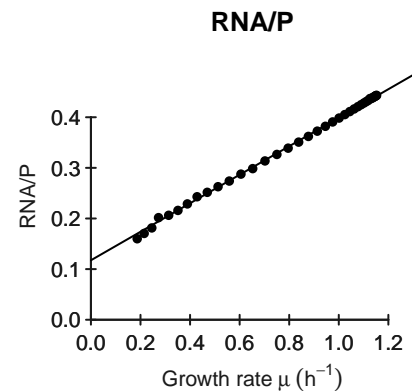
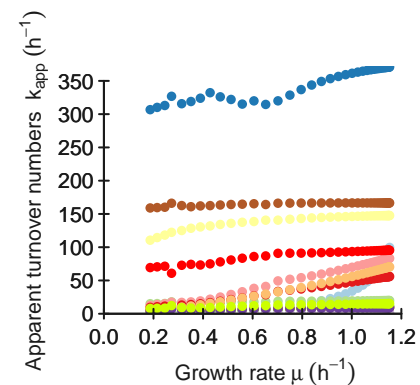
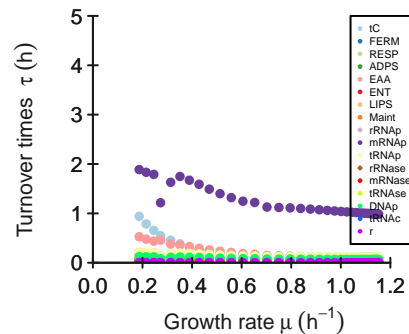
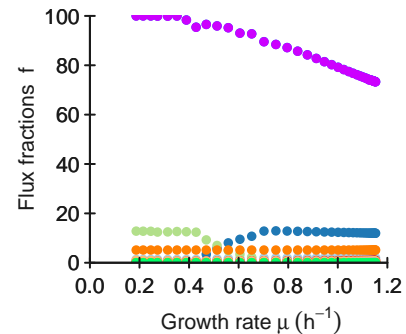
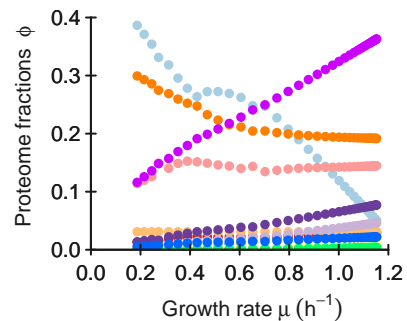
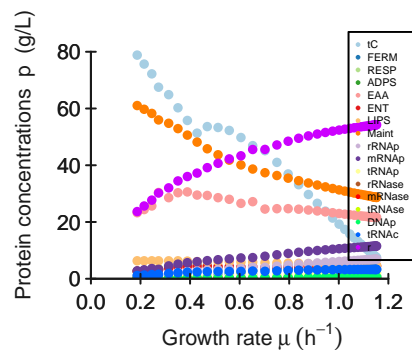
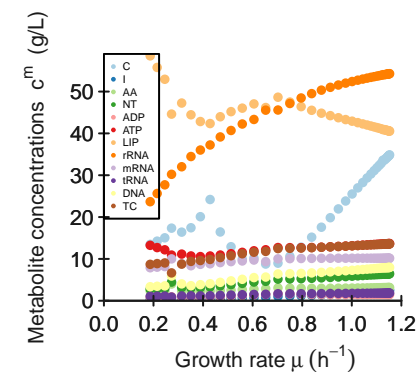
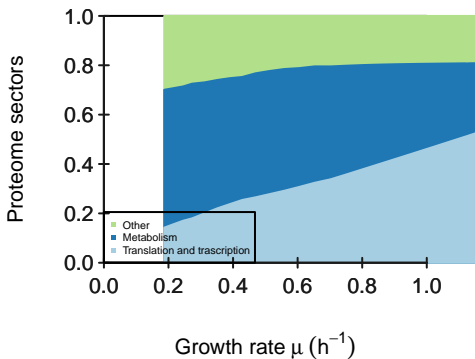
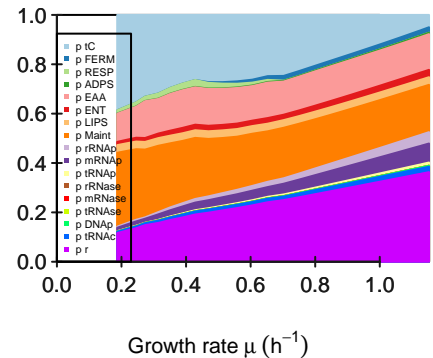
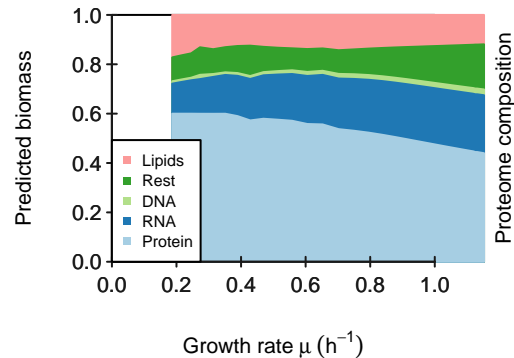
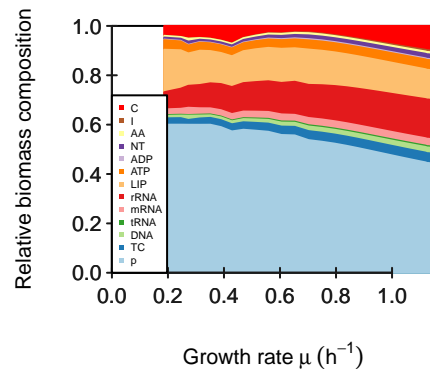
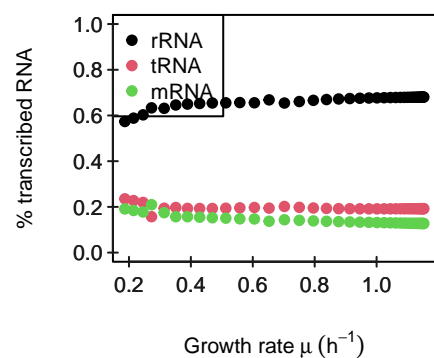
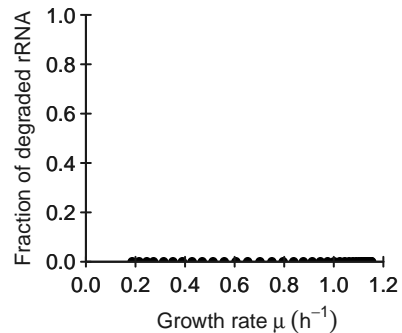


Maint**rRNAp****mRNAp****tRNAp****rRNase****mRNase****tRNase****DNAp****tRNAc****r**





keep_ribosome_kcat FALSE
keep_transport_kcat FALSE
maintenance_fun constant

M

[illegible]

K

[illegible]

KA[illegible]

kcat

| | | | | | | | | | | | | | | | | | |
|-------|--------|---------|--------|-------|-------|------|--------|-------|-------|-------|-------|--------|--------|--------|-------|----------|---------|
| kcatf | tC | FERM | RESP | ADPS | EAA | ENT | LIPS | Maint | rRNAp | mRNAp | tRNAp | rRNase | mRNase | tRNAse | DNAp | tRNAc | r |
| kcatb | 109.60 | 3124.80 | 446.40 | 25.90 | 19.90 | 2810 | 115.60 | 81.70 | 17.90 | 20 | 17.90 | 199.30 | 199.30 | 199.30 | 29.90 | 34237.80 | 2078.60 |

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 | [,13] Inf | [,14] Inf | [,15] Inf | [,16] Inf | [,17] Inf |
|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

phi input

| | | | | | | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| [1,] | [,1] | [,2] | [,3] | [,4] | [,5] | [,6] | [,7] | [,8] | [,9] | [,10] | [,11] | [,12] | [,13] | [,14] | [,15] | [,16] | [,17] |
| | 0.043 | 0.023 | 0.023 | 0.002 | 0.165 | 0.021 | 0.031 | 0.3036 | 0.0426 | 0.0213 | 0.0071 | 0.002 | 0.006 | 4e-04 | 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] 0.031 | [,8] 0 | [,9] 0 | [,10] 0 | [,11] 0 | [,12] 0 | [,13] 0 | [,14] 0 | [,15] 0 | [,16] 0 | [,17] 0 |
|------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|

minimal f constraint

| | | | | | | | | | | | | | | | | | | |
|------|----------|----------|----------|----------|----------|----------|----------|------------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| [1,] | [1] 0 | [2] 0 | [3] 0 | [4] 0 | [5] 0 | [6] 0 | [7] 0 | 5.15121841070434 | [8] 0 | [9] 0 | [10] 0 | [11] 0 | [12] 0 | [13] 0 | [14] 0 | [15] 0 | [16] 0 | [17] 0 |
|------|----------|----------|----------|----------|----------|----------|----------|------------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|