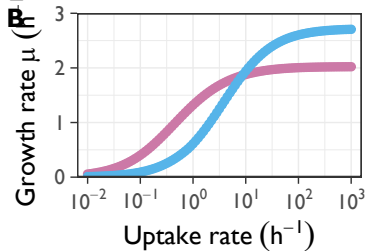
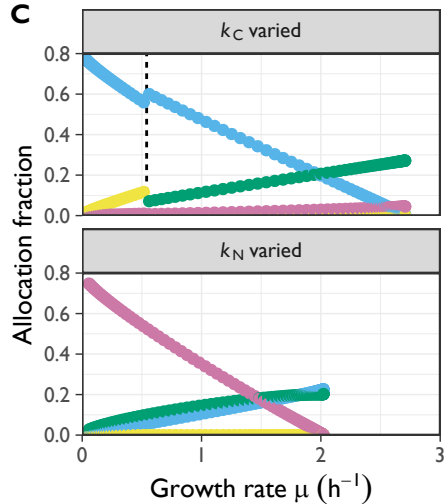


A

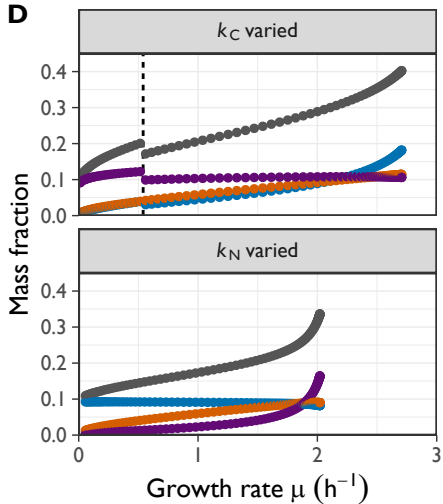
Parameter varied

- carbon uptake k_C
- nitrogen uptake k_N

C

Protein

- respirofermentative enzyme E_r
- purely respiratory enzyme E_{Ar}
- nitrogen uptake E_N
- carbon uptake E_C

D

Metabolite

- total
- carbon c
- amino acid a
- nitrogen n