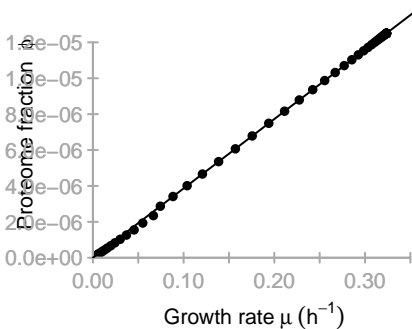
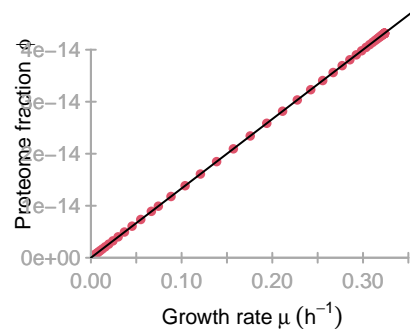


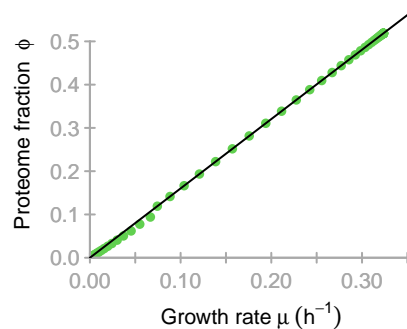
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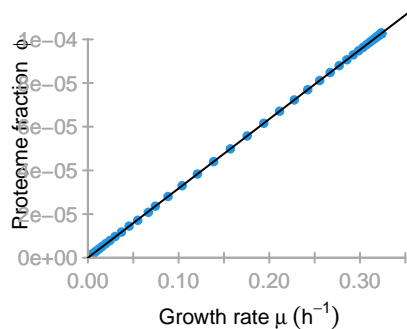
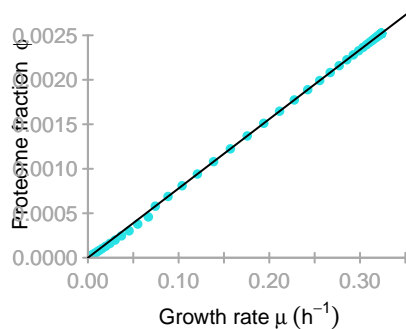
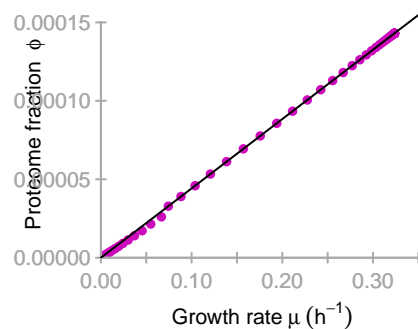
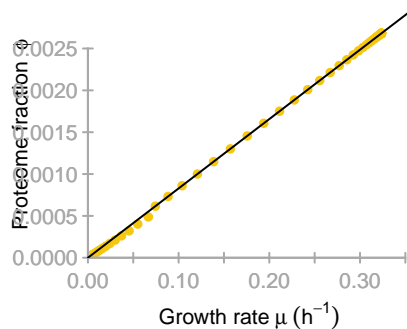
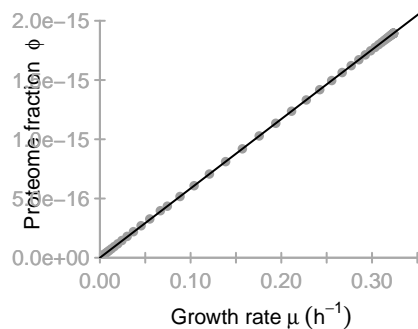
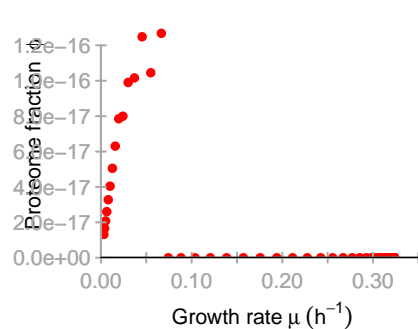


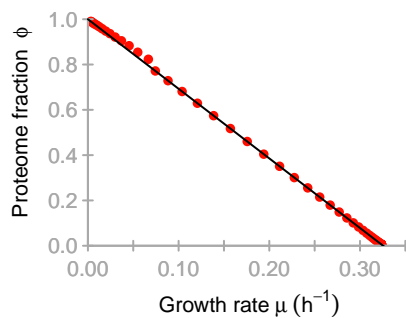
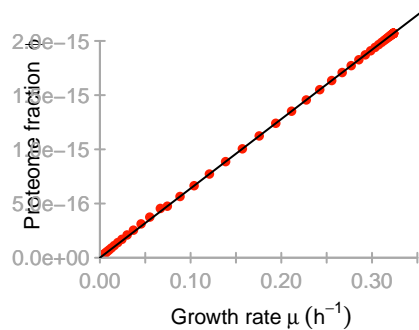
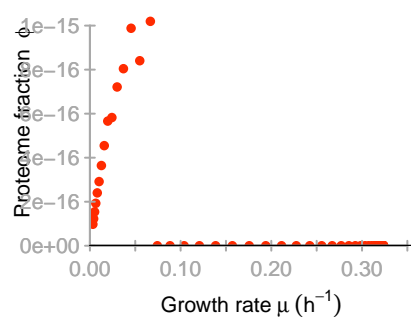
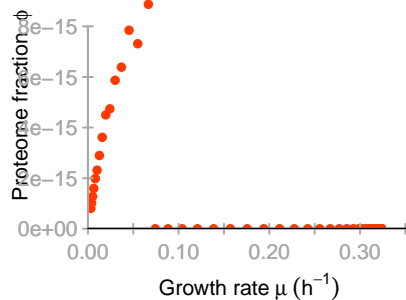
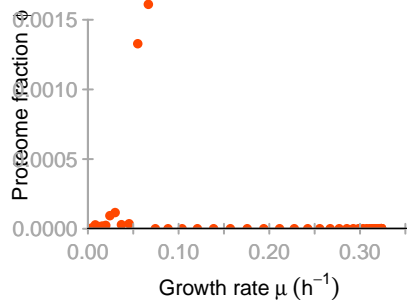
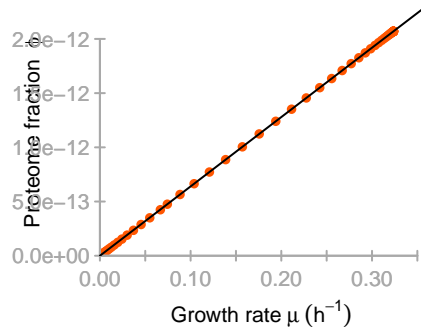
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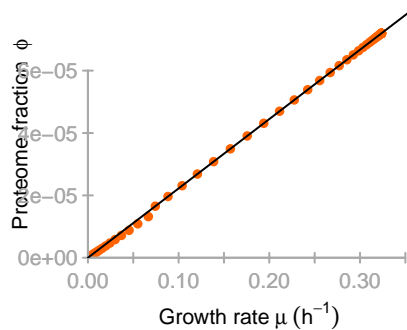
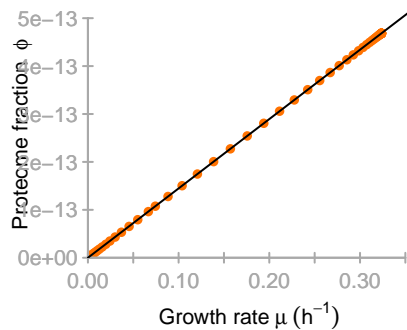
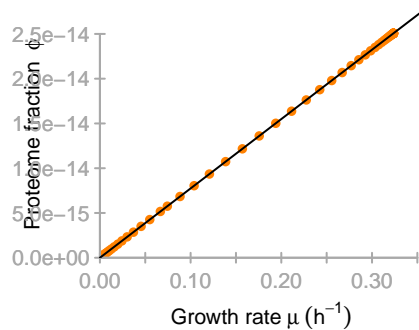
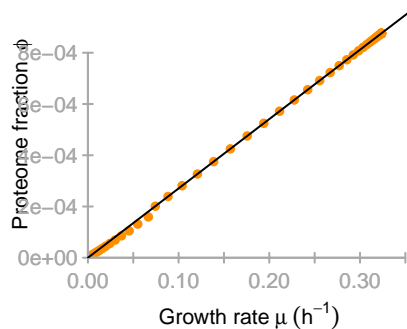
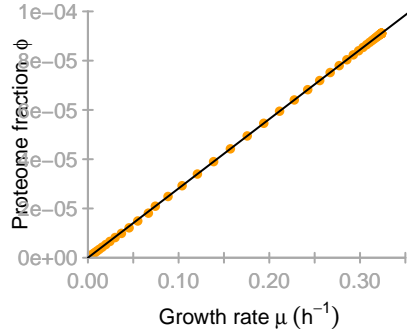
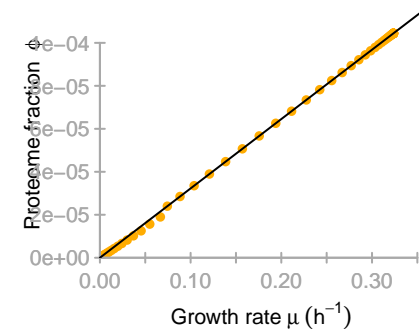


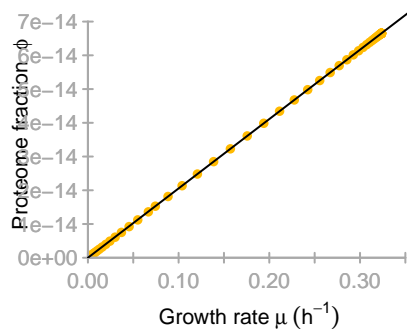
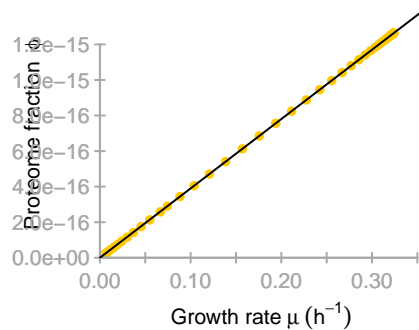
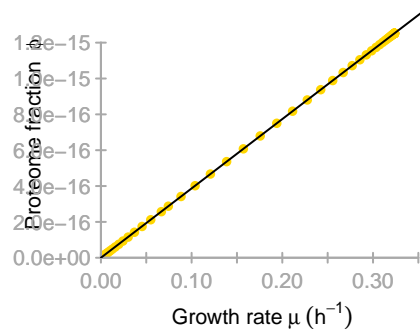
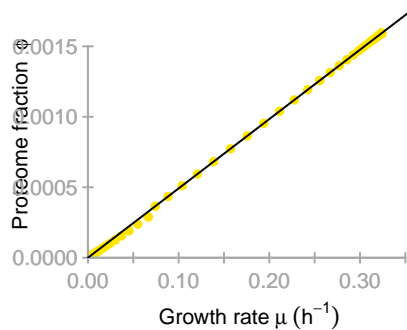
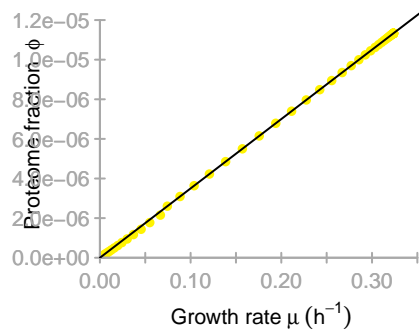
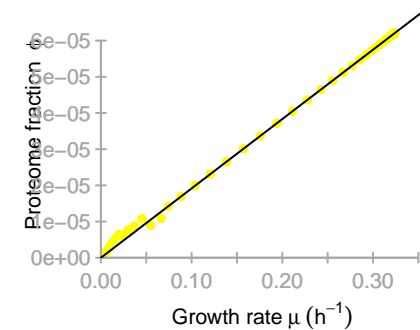
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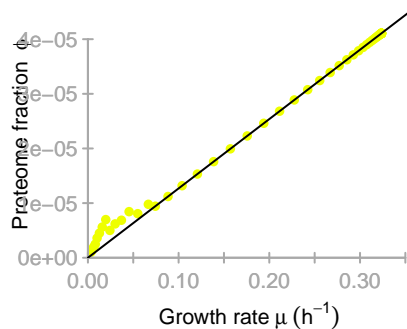
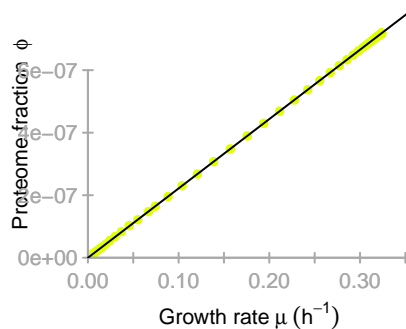
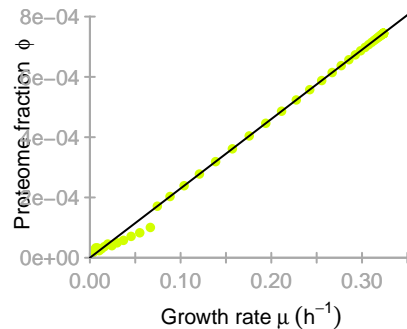
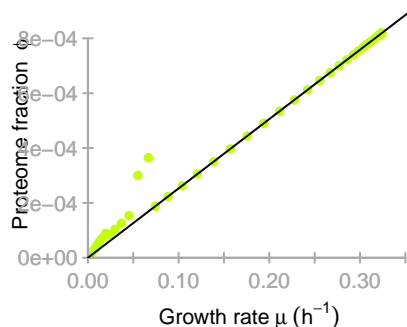
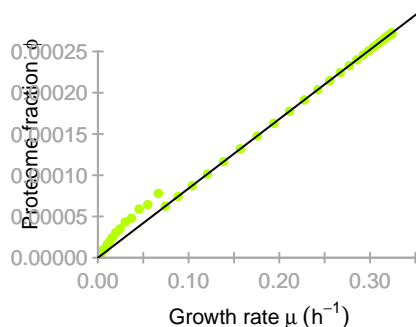
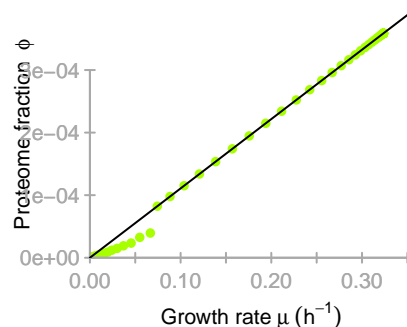


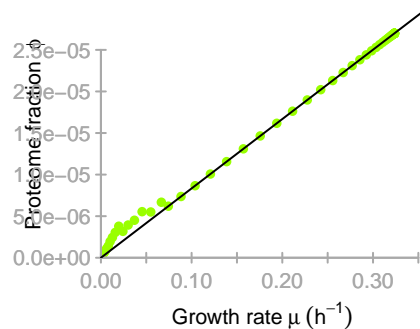
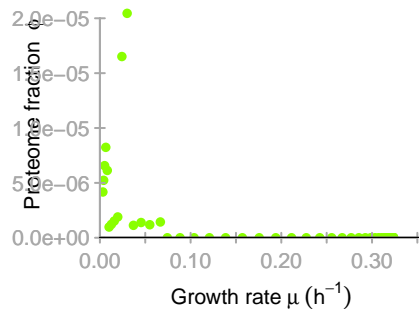
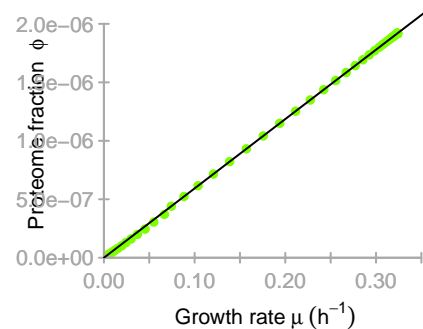
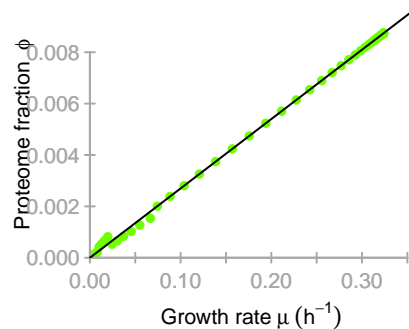
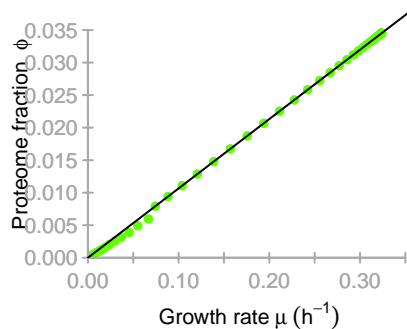
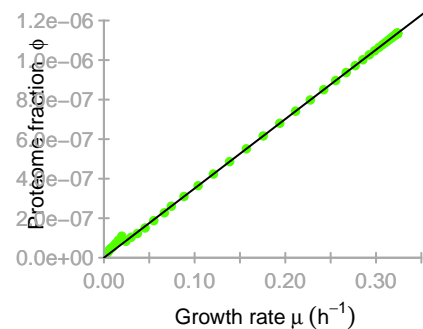
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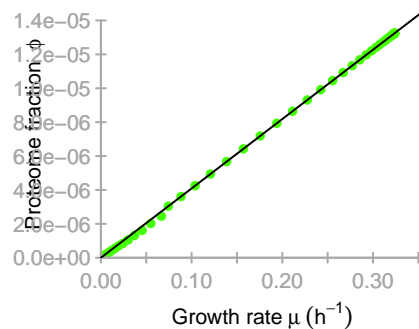
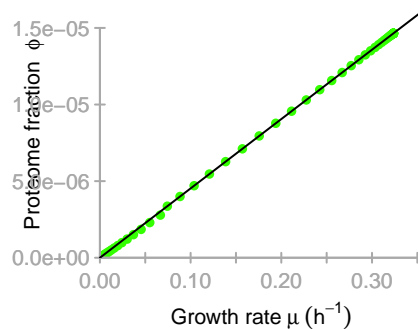
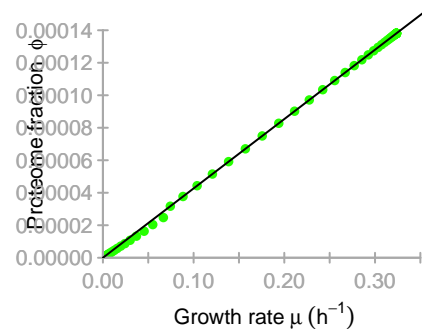
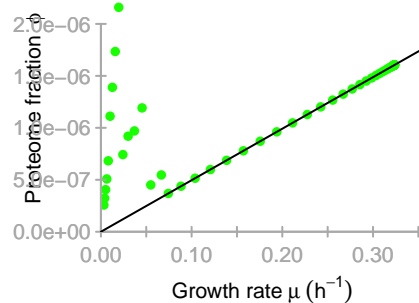
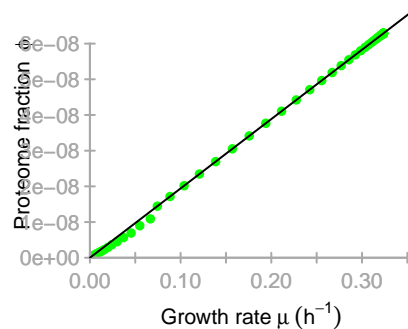
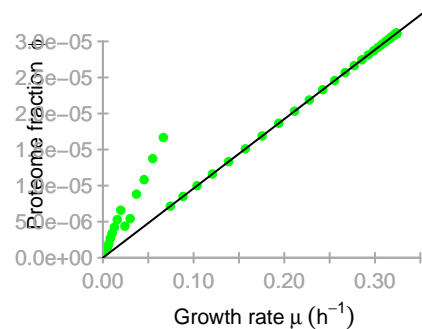
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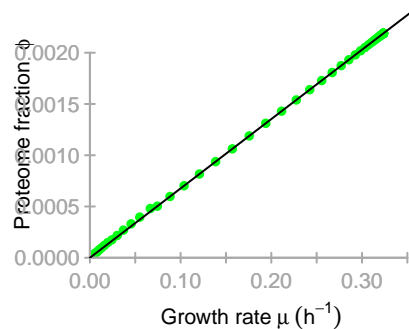
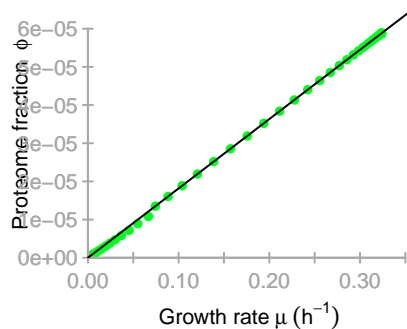
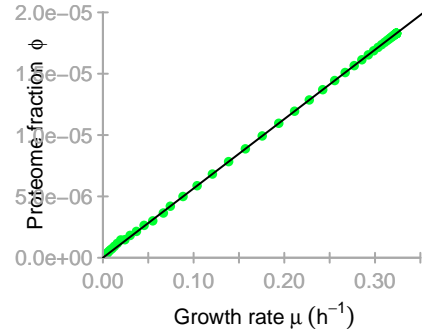
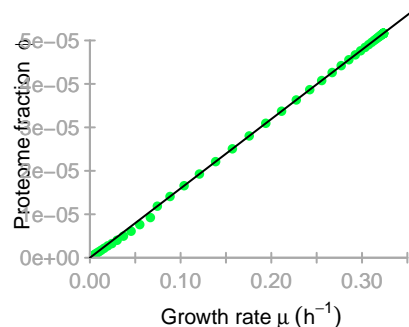
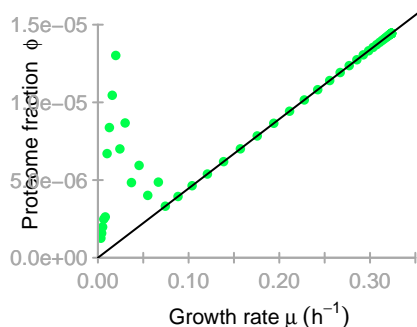
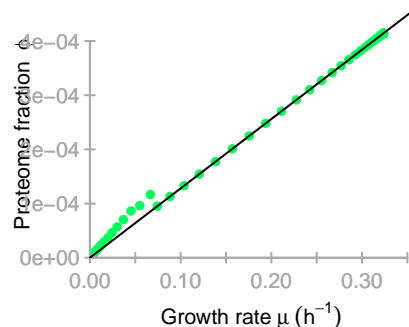
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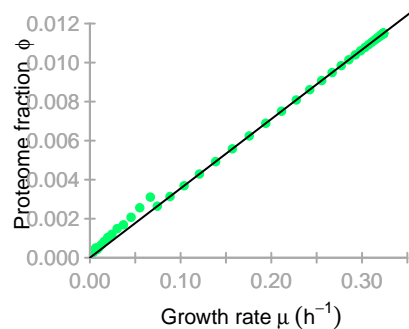
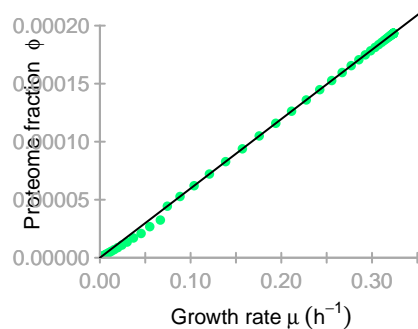
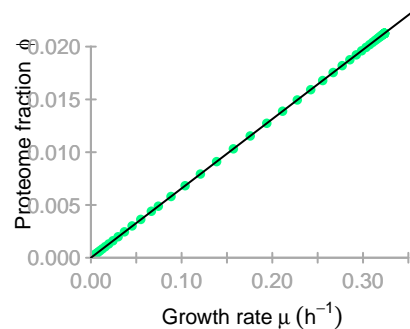
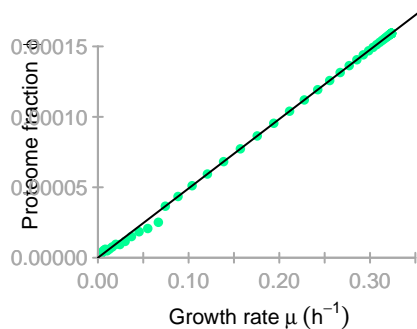
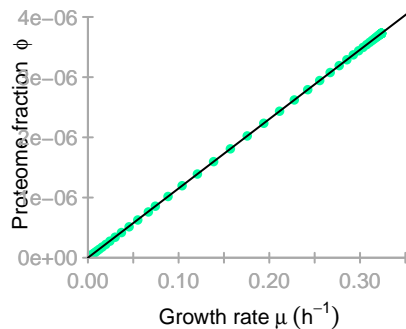
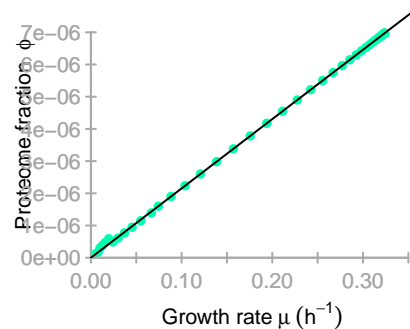
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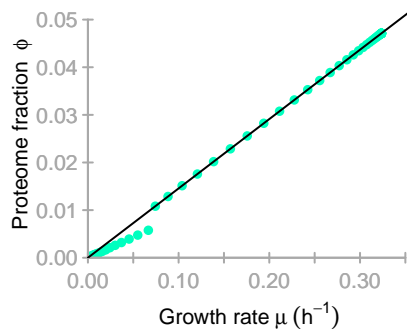
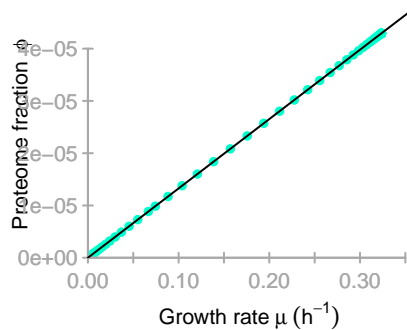
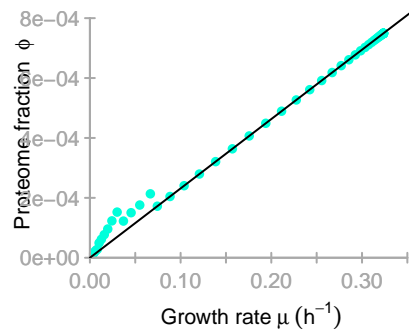
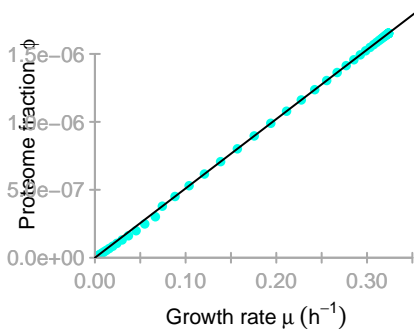
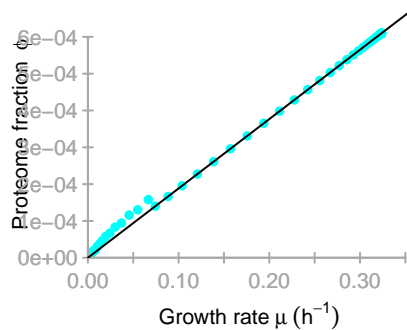
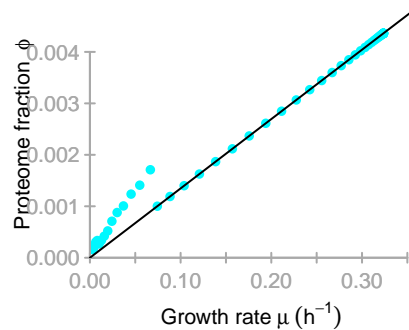
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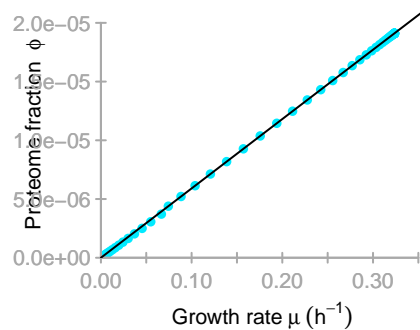
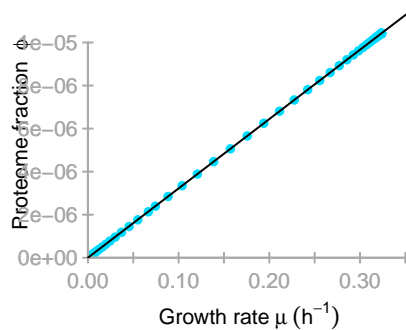
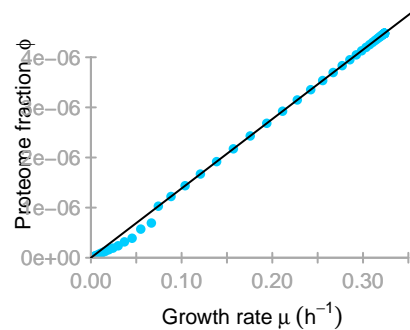
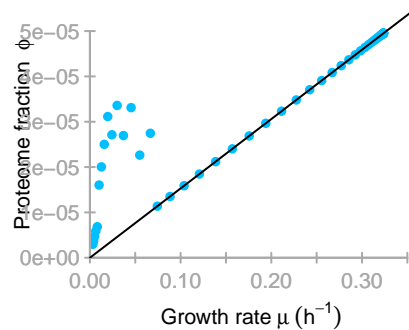
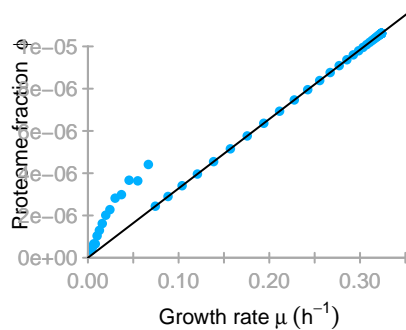
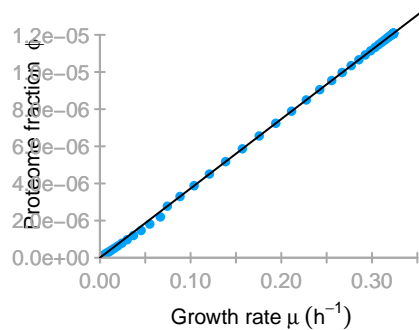
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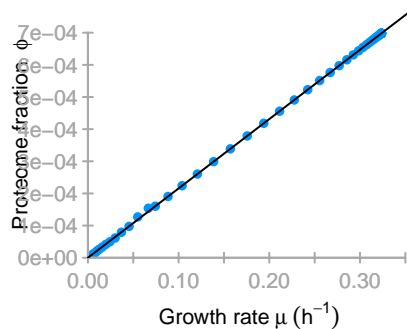
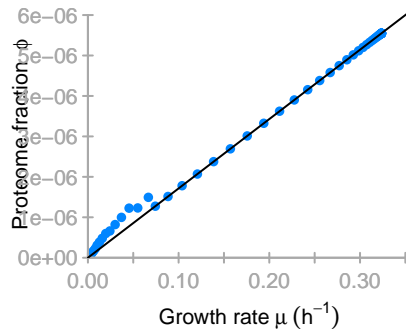
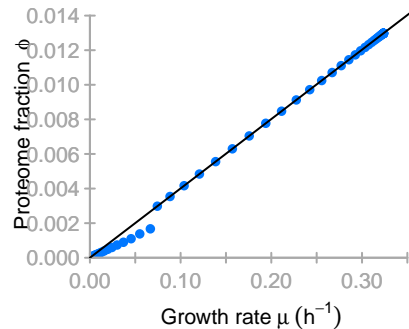
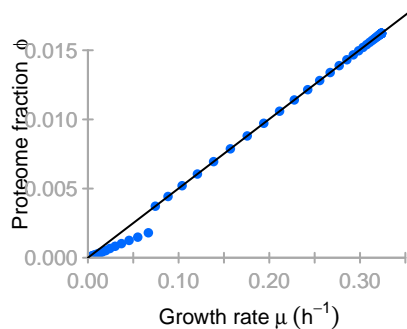
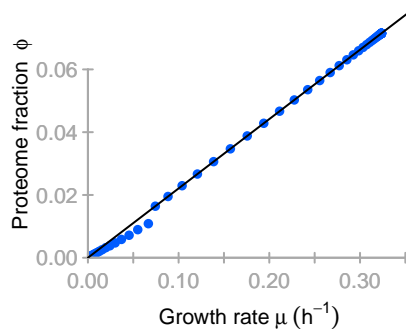
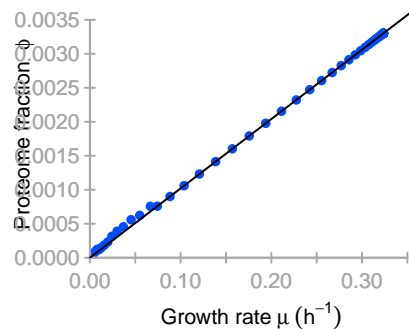
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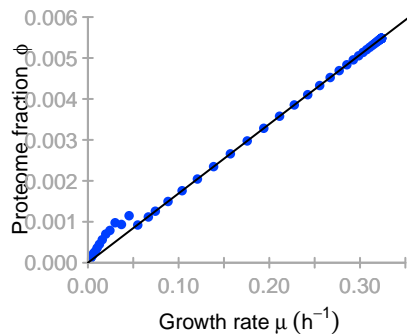
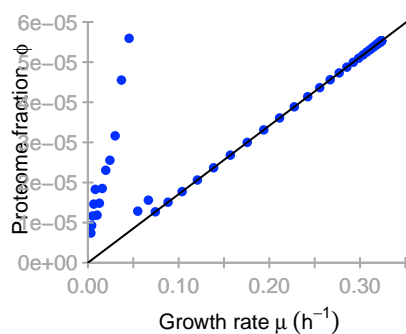
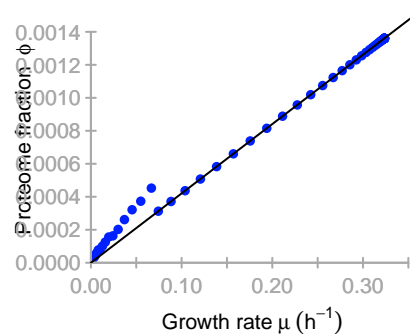
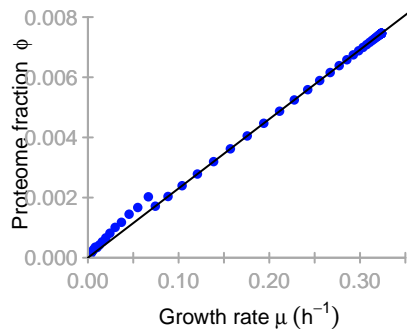
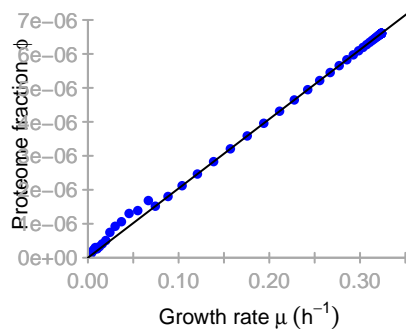
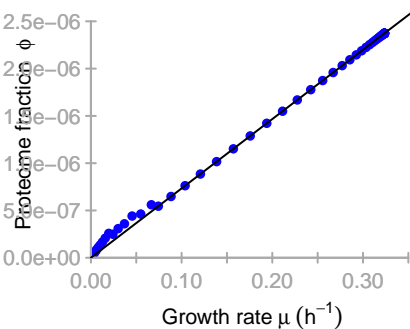
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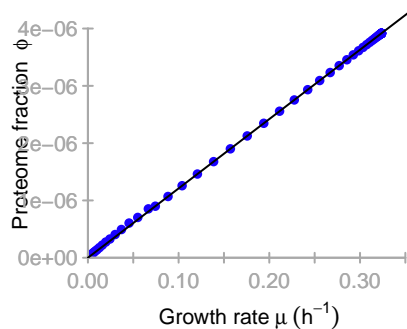
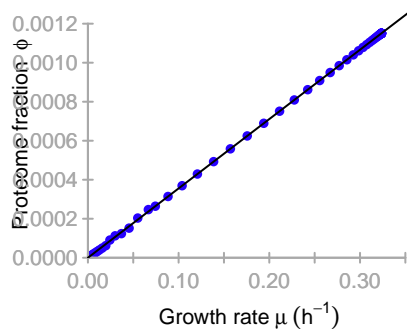
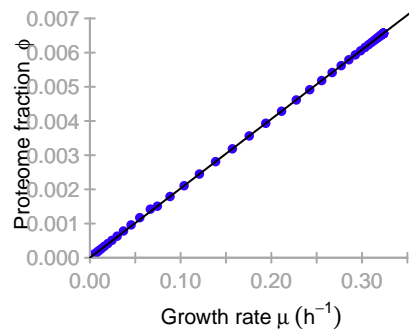
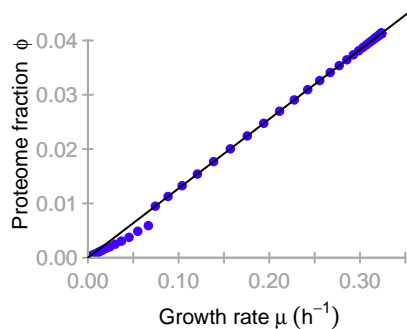
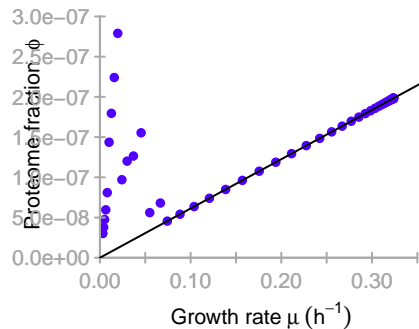
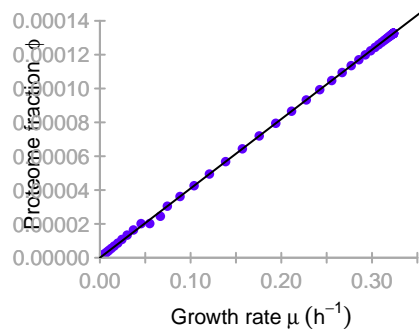
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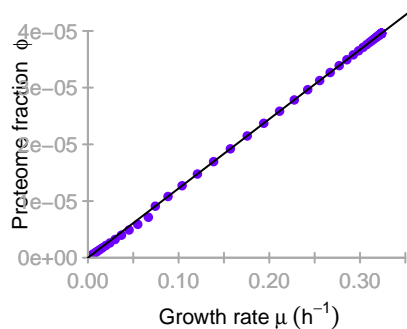
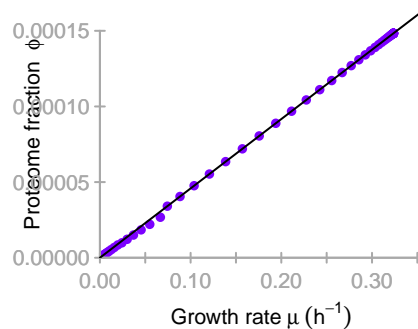
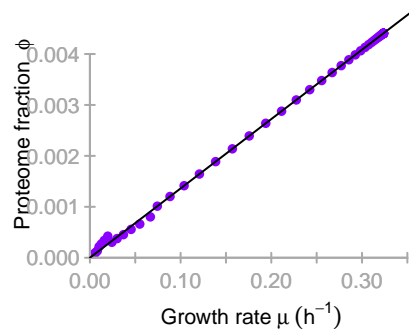
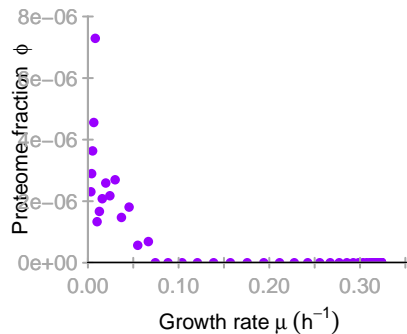
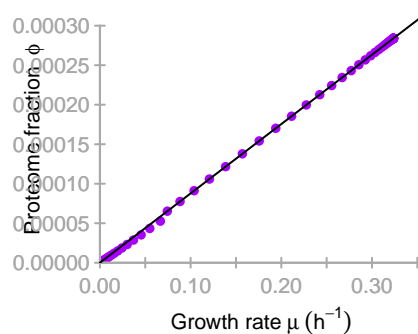
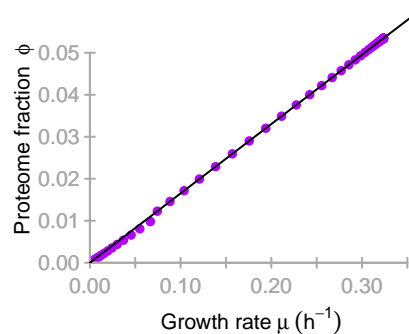
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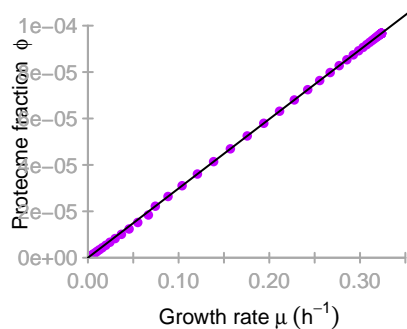
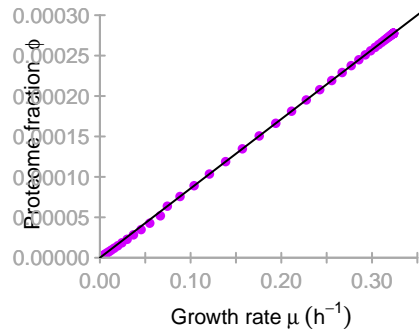
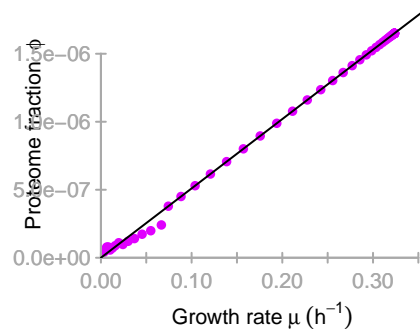
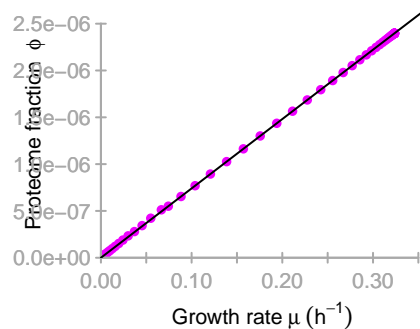
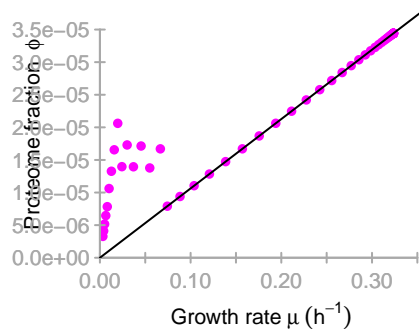
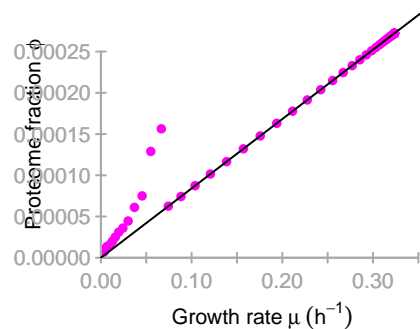
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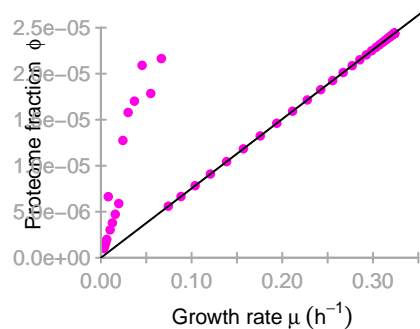
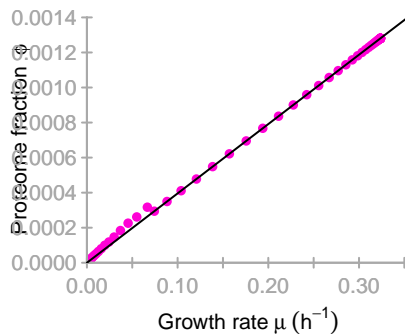
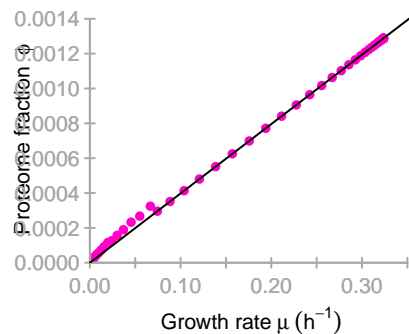
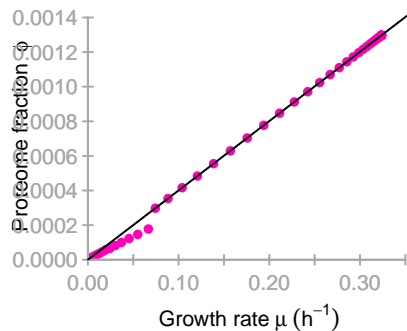
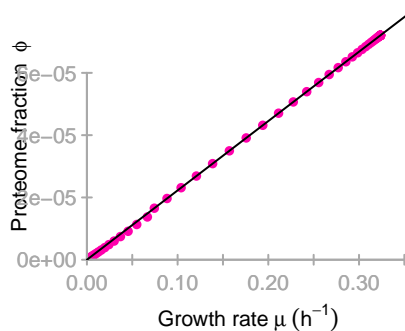
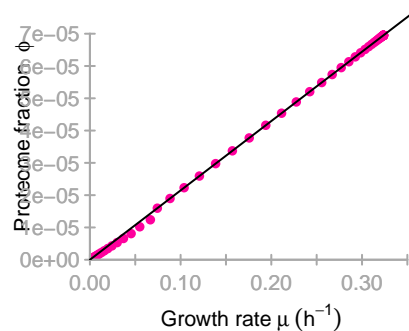
NOX**PAPA****PDH_E3****PDH_acald****PFK****PGI**

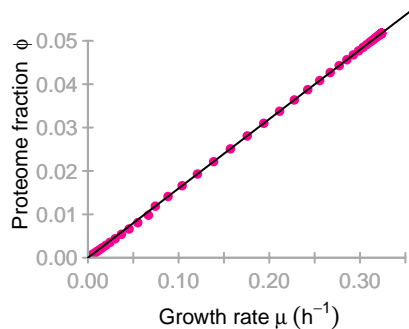
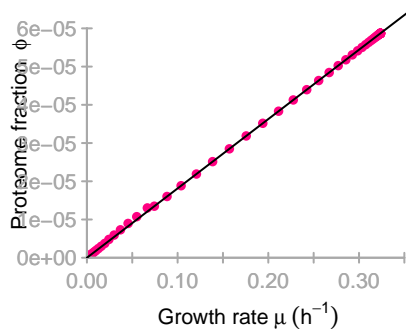
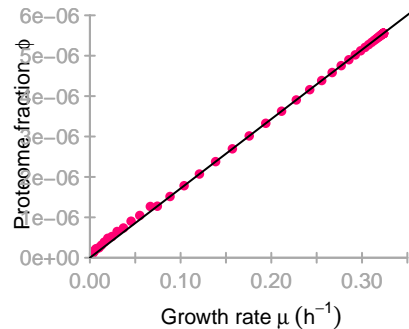
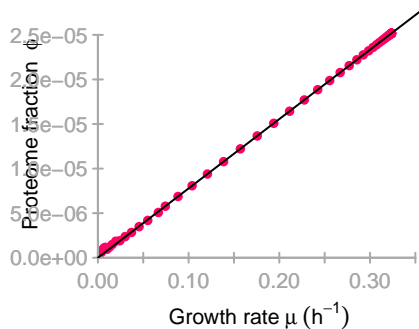
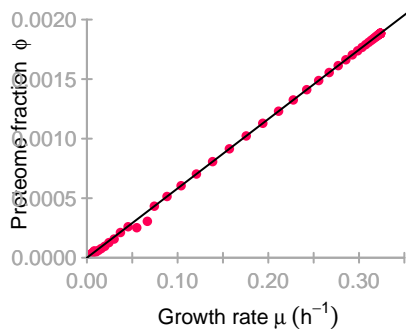
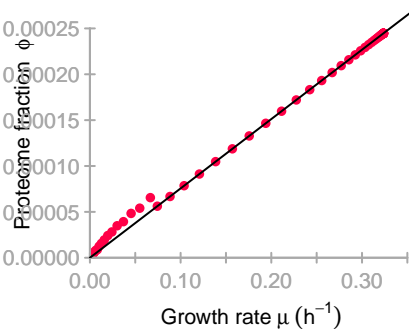
PGK**PGK3****PGK4****PGM****PGMT****PGPP**

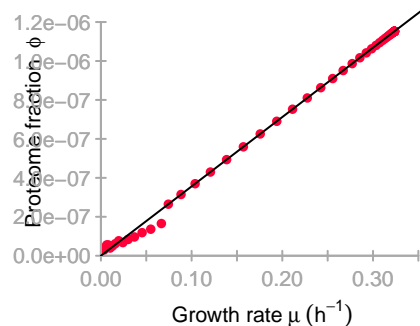
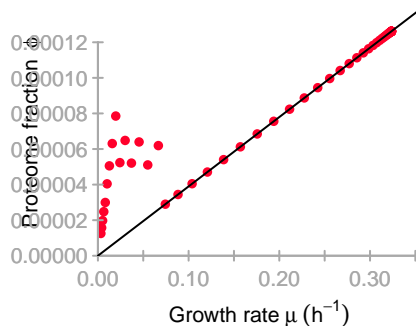
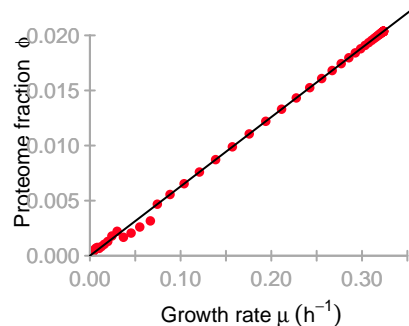
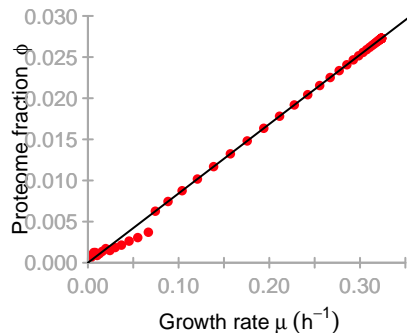
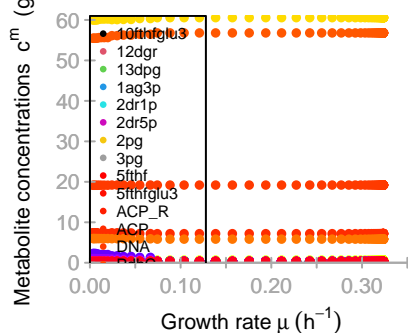
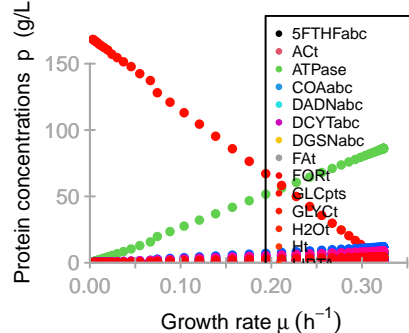
PGSA**PPA****PPM2****PRPPS****PSSYN****PTAr**

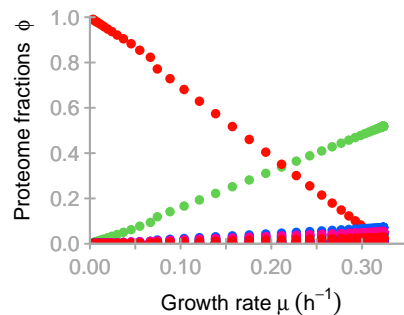
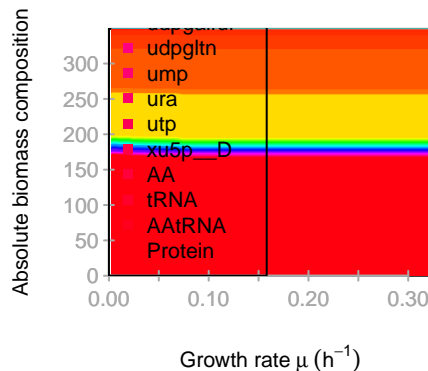
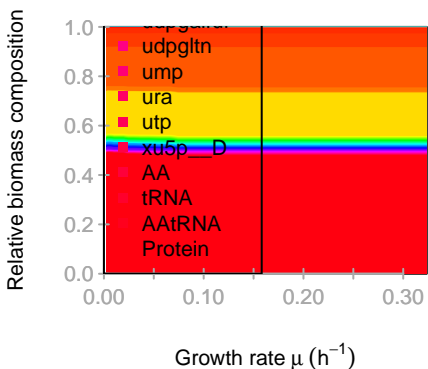
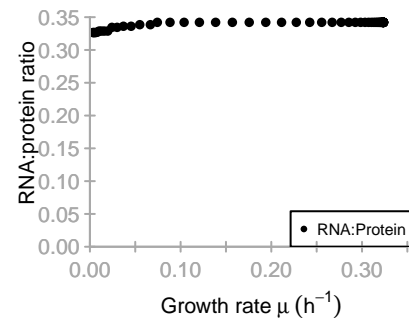
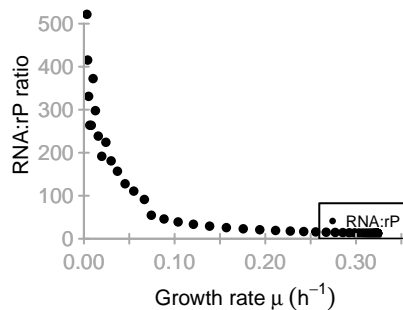
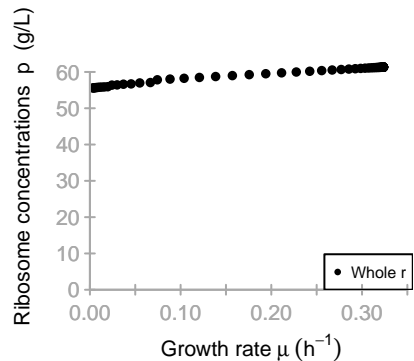
PUNP2**PUNP4****PYK2****PYK4****PYK5****PYK6**

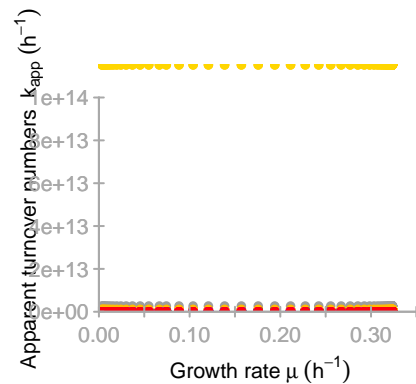
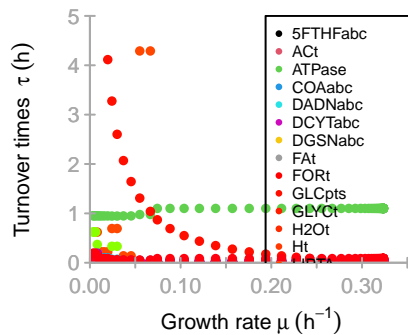
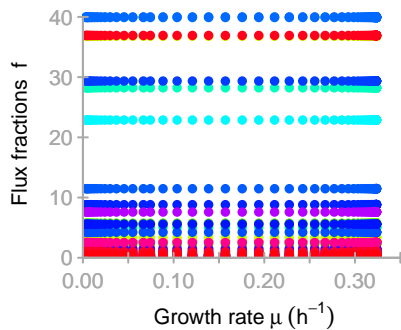
PYK7**PYK8****PdhC_transl****RBFK****RNAP****RPE**

RPI**TALA****TKT1****TKT2****TMDK1****TMPK**

TPI**TRDR****UDPG4E****UDPGALM****UMPK****UPPRT**

dUTPase_transl**tRNAP****AATRS****Ribosome****Metabolite concentrations c^m (g/L)****Protein concentrations p (g/L)**





1/slope: $7.3\text{e}+15$

