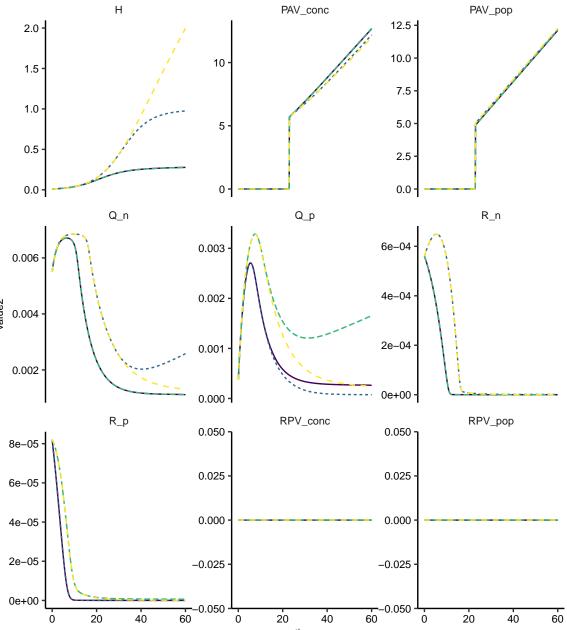
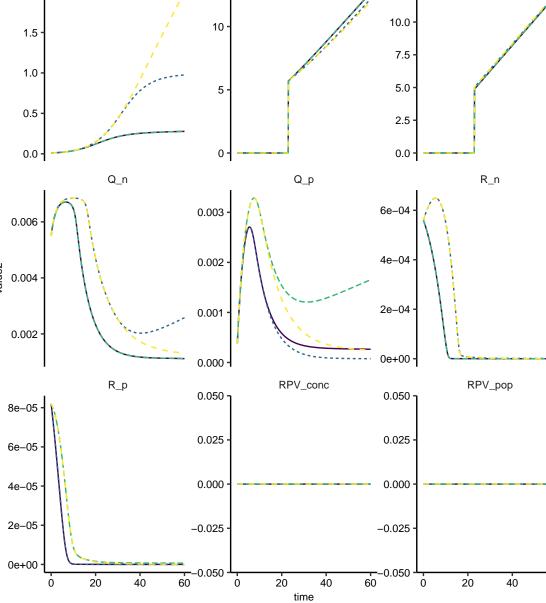
q_nb = 1e-06; q_pb = 1e-06 Н PAV_conc 2.0 -10 -1.5 1.0 5 0.5 0.0 -0 Q_n Q_p 0.003 0.006 0.002 value2 0.004

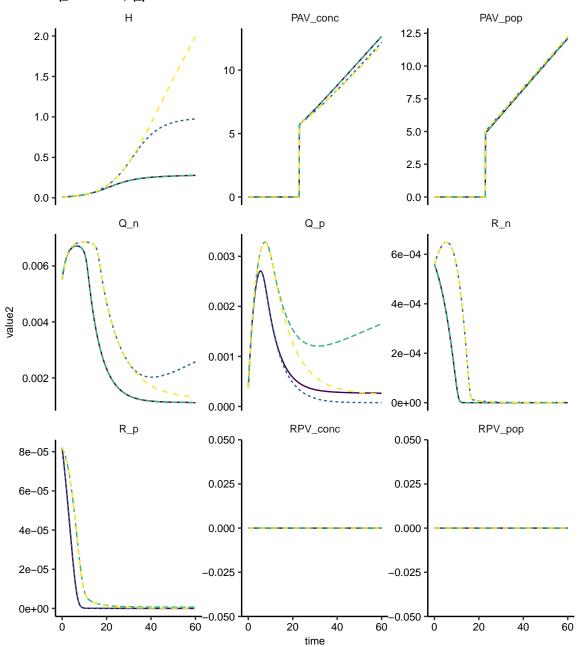


low

+N



q_nb = 5e-06; q_pb = 1e-06 Н 2.0 -1.5



low

+N

q_nb = 1e-05; q_pb = 1e-06 Н PAV_conc 2.0 -10 -1.5 1.0 5 · 0.5 0.0 -0 Q_n Q_p 0.003 0.006 0.002 value2 0.004 0.001

0.000 -

0.050

0.025

0.000

-0.025 -

-0.050

Ö

60

RPV_conc

20

time

40

R_p

20

40

0.002

8e-05

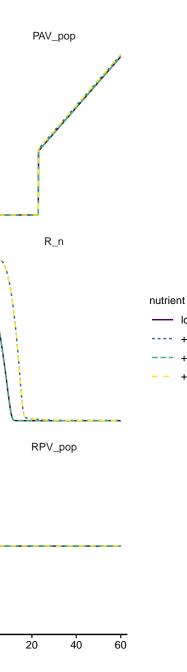
6e-05

4e-05

2e-05

0e+00

0



low

+N

+N+P

12.5

10.0

7.5

5.0

2.5

0.0

6e-04

4e-04

2e-04

0e+00 -

0.050

0.025

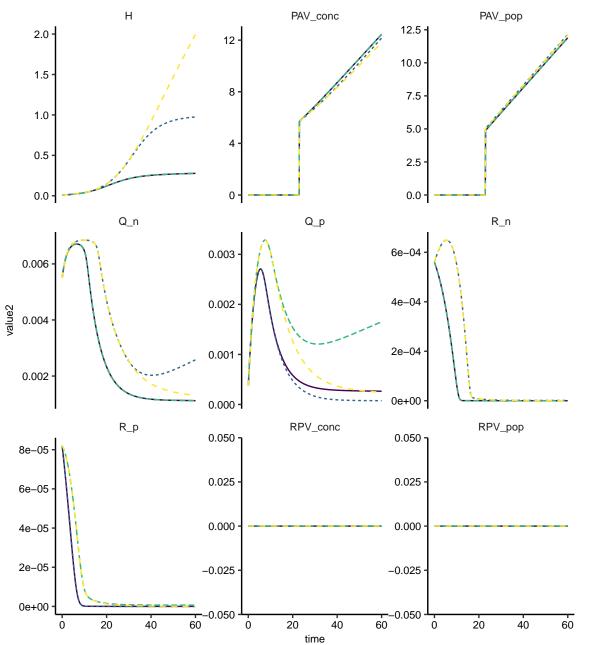
0.000

-0.025

-0.050 60

Ö

q_nb = 2.5e-05; q_pb = 1e-06



low

+N

q_nb = 5e-05; q_pb = 1e-06 Н PAV_conc PAV_pop 12.5 12.5 2.0 -10.0 10.0 1.5 7.5 7.5 1.0 5.0 5.0 0.5 2.5 2.5 0.0 -0.0 -0.0 Q_n R_n Q_p 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 **-**-0.025 0e+00 -0.050 -0.050 60

60

20

0

40

20

time

Ö

40

60

20

Ö

q_nb = 7.4e-05; q_pb = 1e-06 Н PAV_conc PAV_pop 12.5 2.0 -10.0 -10.0 1.5 7.5 7.5 1.0 5.0 5.0 0.5 2.5 2.5 0.0 0.0 -0.0 Q_n R_n Q_p 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025

20

40

60

-0.050

Ö

20

time

40

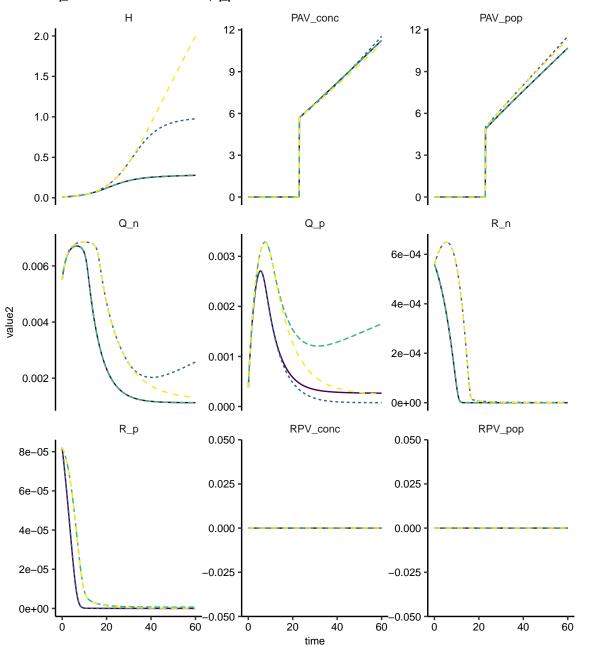
60

0e+00

0

20

q_nb = 0.000137813805143334; q_pb = 1e-06

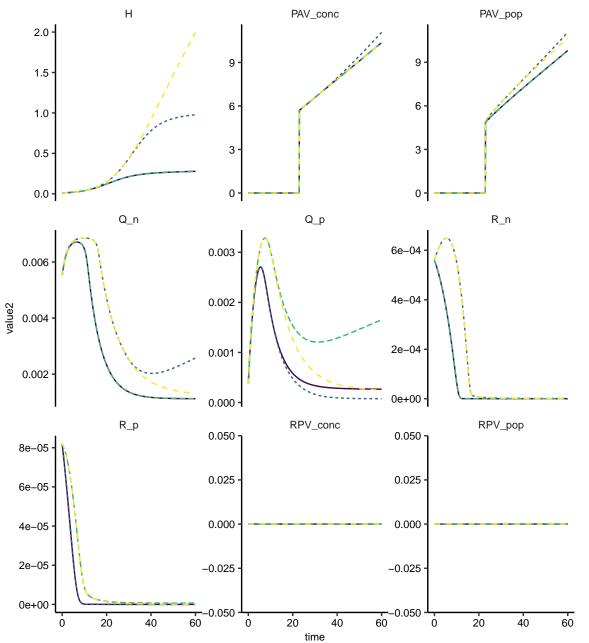


nutrient

low

+N

q_nb = 0.000219984813838268; q_pb = 1e-06

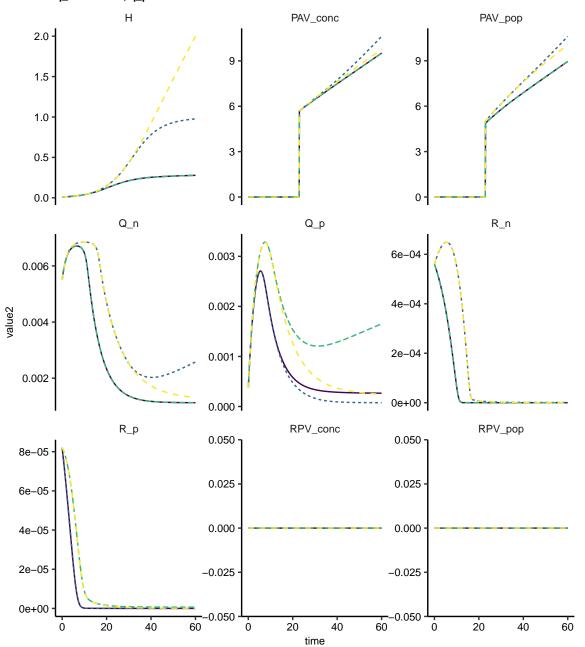


nutrient

low

+N

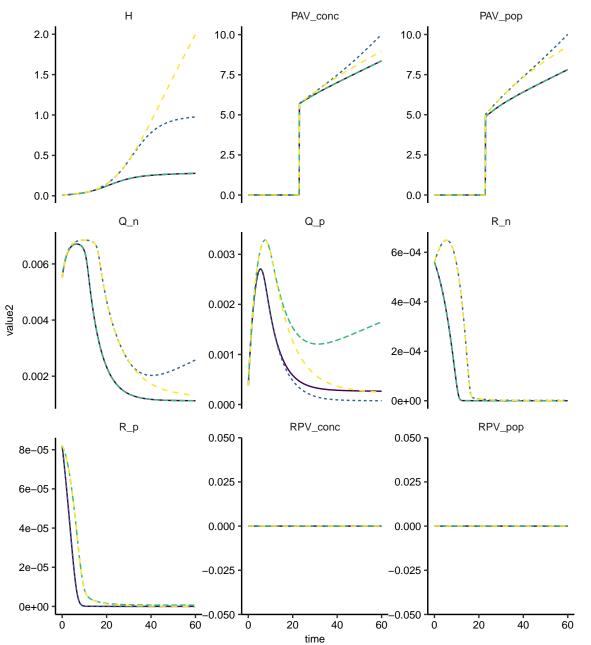
q_nb = 3e-04; q_pb = 1e-06 Н 2.0 -1.5



low

+N

q_nb = 0.000407144927737209; q_pb = 1e-06

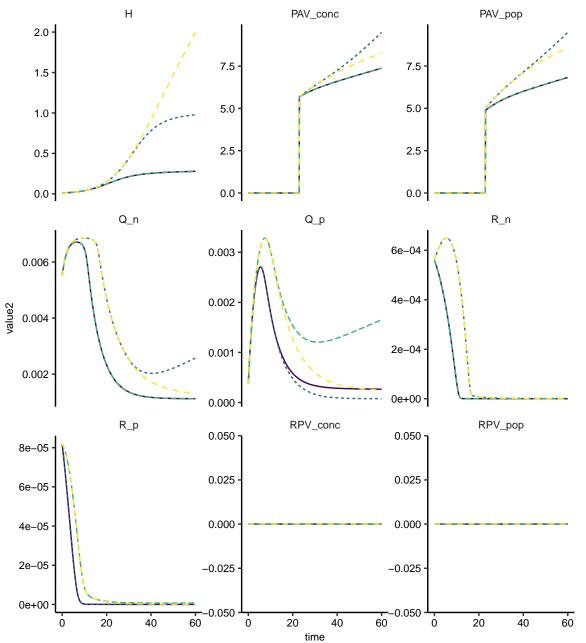


nutrient

low

+N

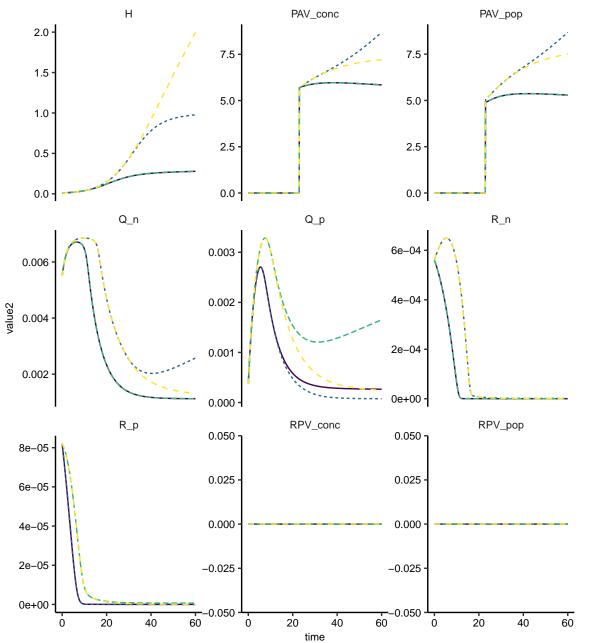
q_nb = 5e-04; q_pb = 1e-06 Н 2.0 -



low

+N

q_nb = 0.000643654384538669; q_pb = 1e-06



nutrient

low

+N

q_nb = 7e-04; q_pb = 1e-06 Н PAV_conc PAV_pop 2.0 -8 8 1.5 6 6 1.0 4 0.5 2 2 0.0 -0 Q_n R_n Q_p 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05

-0.050 60

20

40

60

-0.025 **-**

-0.050

Ö

20

time

40

60

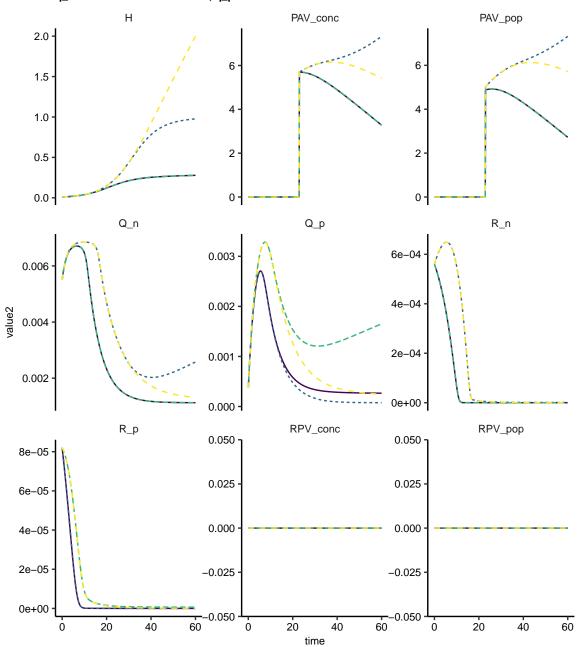
2e-05

0e+00

0

20

q_nb = 0.000884319769145505; q_pb = 1e-06



nutrient

low

+N

q_nb = 0.0011; q_pb = 1e-06 Н PAV_conc PAV_pop 2.0 -6 1.5 4 1.0 2 2 0.5 0.0 -0 Q_n R_n Q_p 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025

0

20

40

60

-0.050

Ö

20

time

40

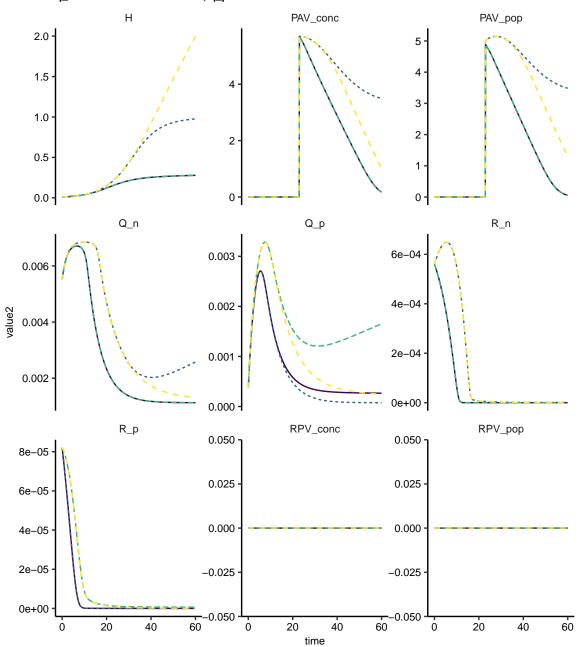
60

0e+00

0

20

q_nb = 0.00156514280990797; q_pb = 1e-06



nutrient

low

+N

q_nb = 0.003; q_pb = 1e-06 Н PAV_conc PAV_pop 2.0 -5 -4 1.5 4 3 1.0 2 2 0.5 1 0.0 -0 Q_n Q_p R_n 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025

Ö

20

40

60

-0.050

Ö

20

time

40

60

0e+00

0

20

q_nb = 0.005; q_pb = 1e-06 Н PAV_conc PAV_pop 2.0 -5 -4 1.5 4 3 1.0 2 2 0.5 1 0.0 -0 Q_n Q_p R_n 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025

Ö

20

40

60

-0.050

Ö

20

time

40

60

0e+00

0

20

q_nb = 0.007; q_pb = 1e-06 Н PAV_conc PAV_pop 2.0 -5 -4 1.5 4 3 1.0 2 2 0.5 1 0.0 -0 Q_n Q_p R_n 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05

-0.050 60

Ö

20

40

60

-0.025 -

-0.050

Ö

20

time

40

60

0e+00

0

20

q_nb = 0.01; q_pb = 1e-06 Н PAV_conc PAV_pop 2.0 -5 -4 1.5 4 3 1.0 2 2 0.5 1 0.0 -0 Q_n Q_p R_n 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025

Ö

20

40

60

-0.050

Ö

20

time

40

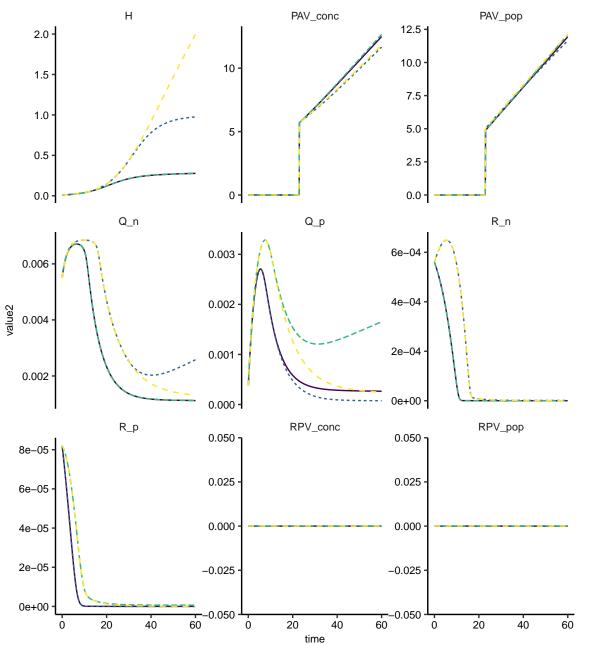
60

0e+00

0

20

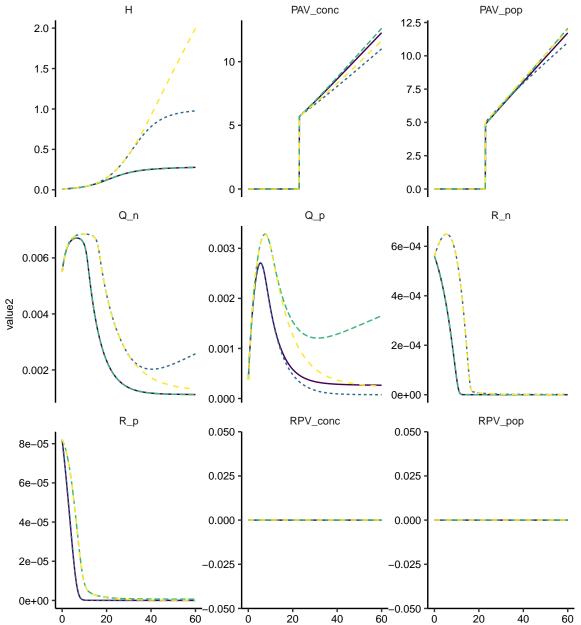
q_nb = 1e-06; q_pb = 5e-06 Н 2.0 -



low

+N

q_nb = 1e-06; q_pb = 1e-05 Н 2.0 -1.5 1.0



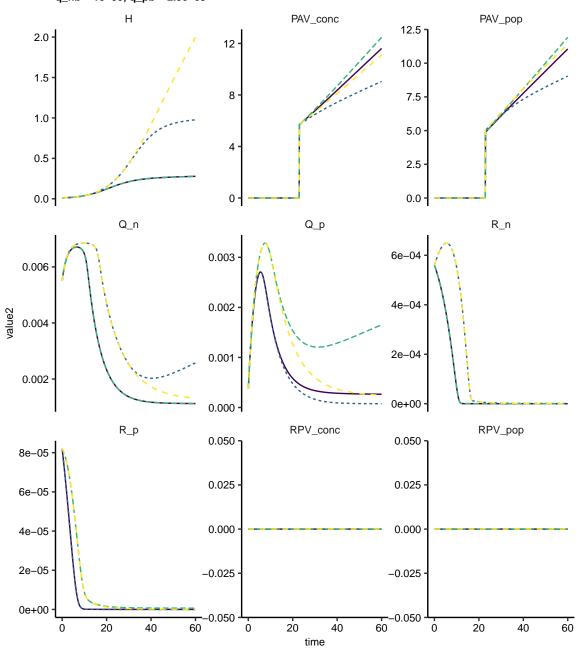
time

nutrient

low

+N

q_nb = 1e-06; q_pb = 2.5e-05 Н 2.0 -1.5



low

+N

q_nb = 1e-06; q_pb = 5e-05 Н PAV_conc PAV_pop 12.5 12 -2.0 -10.0 9 1.5 7.5 6 1.0 5.0 3 0.5 2.5 0.0 -0.0 -0 Q_n R_n Q_p 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 **-**-0.025 0e+00

Ö

20

40

60

-0.050

Ö

20

time

40

60

20

40

q_nb = 1e-06; q_pb = 7.4e-05 Н PAV_conc PAV_pop ر 12 12.5 2.0 -10.0 9 1.5 7.5 6 1.0 5.0 3 0.5 2.5 0.0 -0.0 -0 Q_n R_n Q_p 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 **-**-0.025

20

40

60

-0.050

Ö

20

time

40

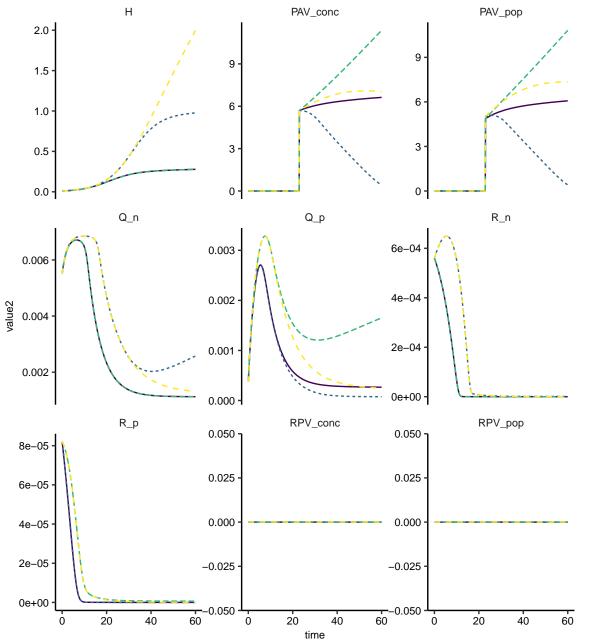
60

0e+00

0

20

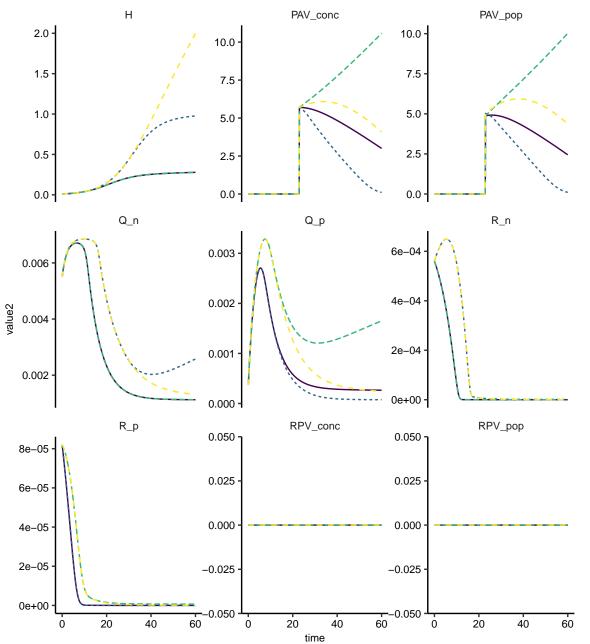
q_nb = 1e-06; q_pb = 0.000137813805143334



low

+N

q_nb = 1e-06; q_pb = 0.000219984813838268



nutrient

low

+N

q_nb = 1e-06; q_pb = 3e-04 Н PAV_conc PAV_pop 10.0 2.0 -7.5 7.5 1.5 5.0 5.0 1.0 2.5 2.5 0.5 0.0 -0.0 0.0 Q_n R_n Q_p 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025 0e+00 -0.050 -0.050

60

20

time

Ö

40

60

20

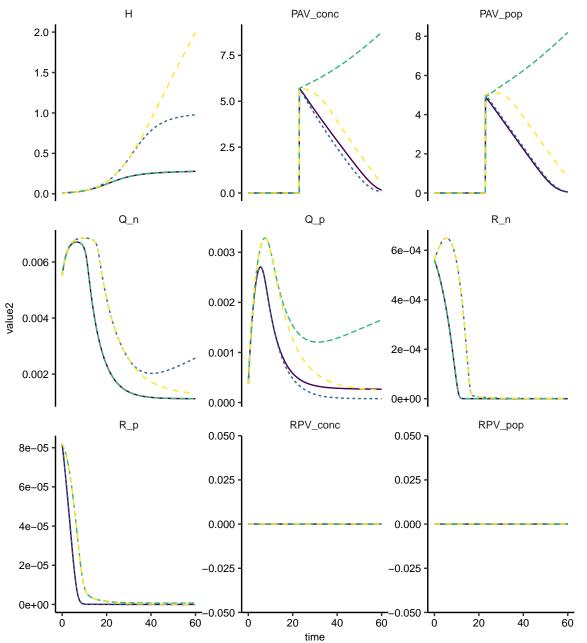
40

60

20

0

q_nb = 1e-06; q_pb = 0.000407144927737209



low

+N

q_nb = 1e-06; q_pb = 5e-04 Н PAV_conc PAV_pop 8 -2.0 -6 6 1.5 4 1.0 2 2 0.5 0.0 -0 Q_n Q_p R_n 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 **-**-0.025 0e+00

20

40

60

-0.050

Ö

20

time

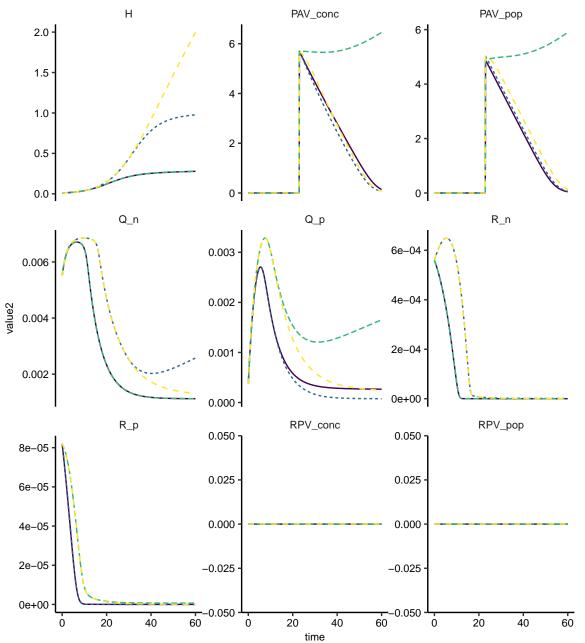
40

60

20

0

q_nb = 1e-06; q_pb = 0.000643654384538669



nutrient

low

+N

q_nb = 1e-06; q_pb = 7e-04 Н PAV_conc PAV_pop 6 -2.0 -1.5 4 1.0 2 2 0.5 0.0 -0 Q_n R_n Q_p 0.003 6e-04 0.006 nutrient 4e-04 low 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05

-0.050 60

Ö

20

40

60

-0.025 -

-0.050

Ö

20

time

40

60

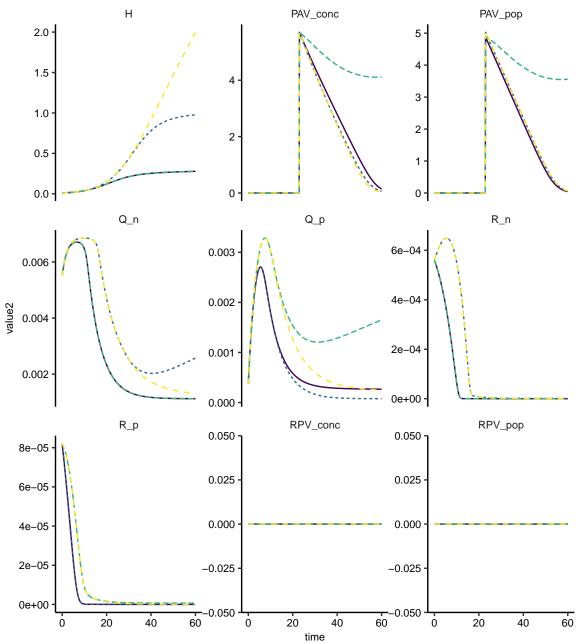
2e-05

0e+00

0

20

q_nb = 1e-06; q_pb = 0.000884319769145505



nutrient

low

+N

q_nb = 1e-06; q_pb = 0.0011 Н PAV_conc PAV_pop 2.0 -5 -4 1.5 4 3 1.0 2 2 0.5 1 0.0 -0 Q_n Q_p R_n 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025

Ö

20

40

60

-0.050

Ö

20

time

40

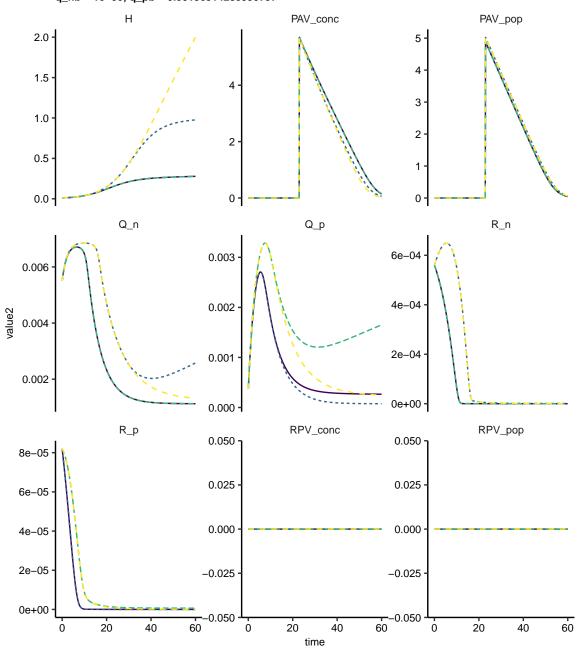
60

0e+00

0

20

q_nb = 1e-06; q_pb = 0.00156514280990797



nutrient

low

+N

q_nb = 1e-06; q_pb = 0.003 Н PAV_conc PAV_pop 2.0 -5 -4 1.5 4 3 1.0 2 2 0.5 1 0.0 -0 Q_n Q_p R_n 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05

-0.050 60

Ö

20

40

60

-0.025 -

-0.050

Ö

20

time

40

60

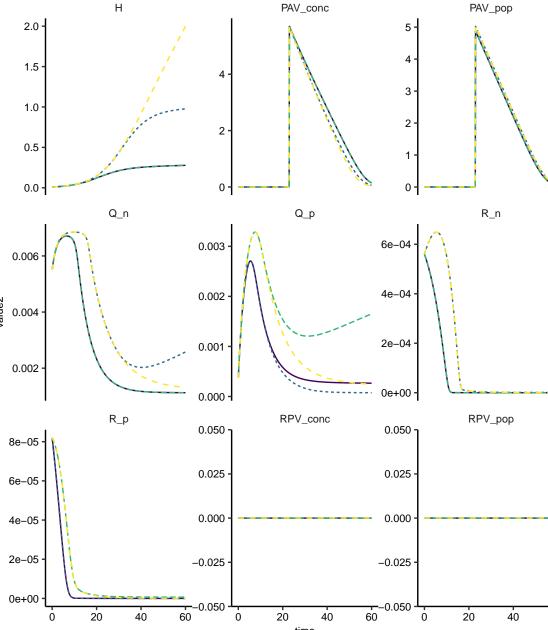
2e-05

0e+00

0

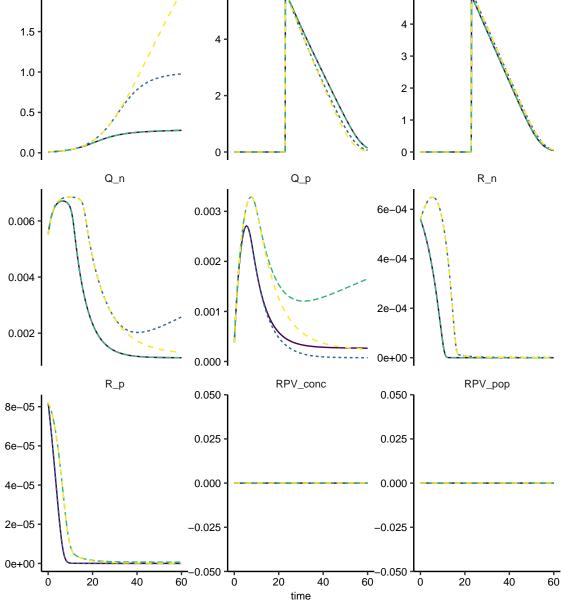
20

q_nb = 1e-06; q_pb = 0.005 Н PAV_conc 2.0 -1.5 4 1.0 2 0.5 0.0 -0 Q_n Q_p 0.003 0.006 0.002 value2



low

+N



q_nb = 1e-06; q_pb = 0.007 Н PAV_conc PAV_pop 2.0 -5 -4 1.5 4 3 1.0 2 2 0.5 1 0.0 -0 Q_n Q_p R_n 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025

Ö

20

40

60

-0.050

Ö

20

time

40

60

0e+00

0

20

q_nb = 1e-06; q_pb = 0.01 Н PAV_conc PAV_pop 2.0 -5 -4 1.5 4 3 1.0 2 2 0.5 1 0.0 -0 Q_n Q_p R_n 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025

Ö

20

40

60

-0.050

Ö

20

time

40

60

0e+00

0

20