q\_nb = 1e-06; q\_pb = 1e-06 Н PAV\_conc PAV\_pop 2.0 -15 + 1.5 10 10 -1.0 5 5 0.5 0.0 -Q\_n Q\_p R\_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 0.001 2e-04 0.002 +N+P 0e+00 -0.000 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

40

q\_nb = 5e-06; q\_pb = 1e-06 Н PAV\_conc PAV\_pop 2.0 -15 + 1.5 10 10 · 1.0 5 5 0.5 0.0 -Q\_n Q\_p R\_n 0.003 6e-04 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 0.001 2e-04 +N+P 0.002 0e+00 -0.000 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

40

q\_nb = 1e-05; q\_pb = 1e-06 Н PAV\_conc PAV\_pop 15 -2.0 -1.5 10 10 · 1.0 5 5 0.5 0.0 -Q\_n Q\_p R\_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 0.004 +N 0.001 2e-04 +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

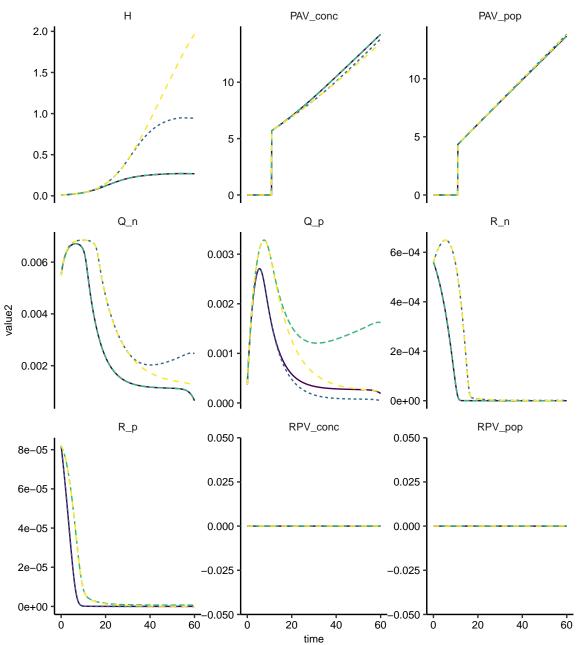
60

0e+00

0

20

. 40 q\_nb = 2.5e-05; q\_pb = 1e-06

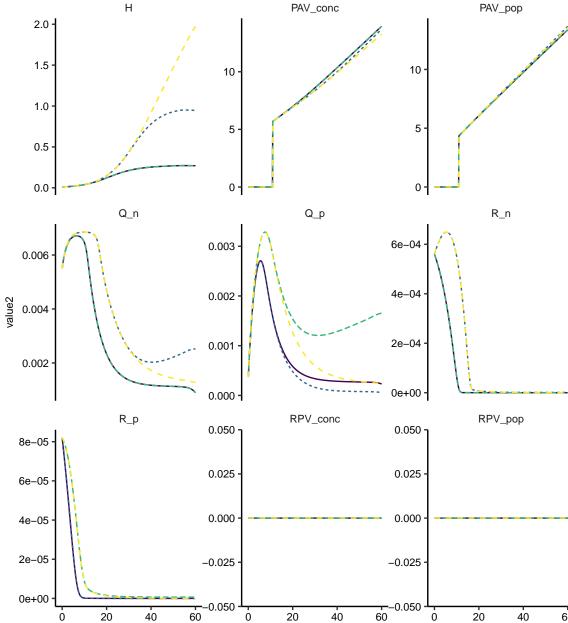


nutrient

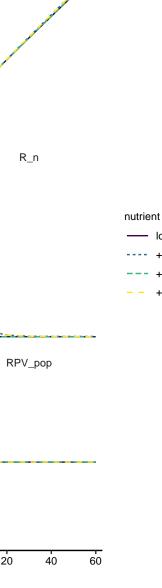
low

+N

q\_nb = 5e-05; q\_pb = 1e-06 Н PAV\_conc 2.0 -1.5 10 -1.0 5 0.5 0.0 -Q\_n Q\_p 0.003 0.006 0.002



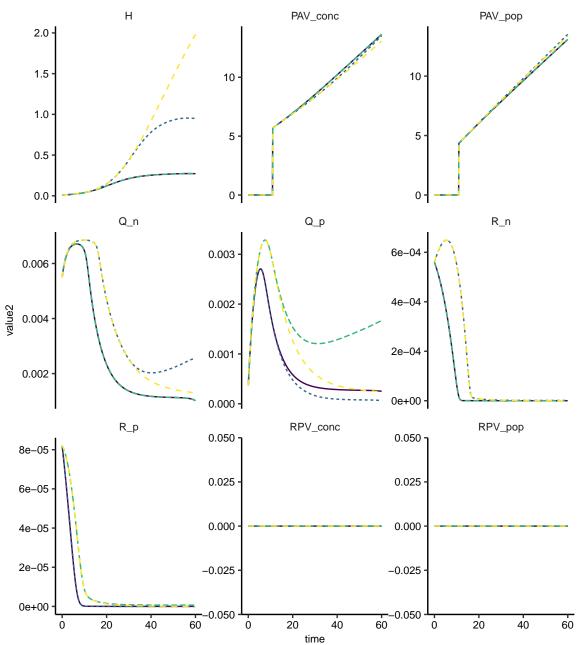
time



low

+N

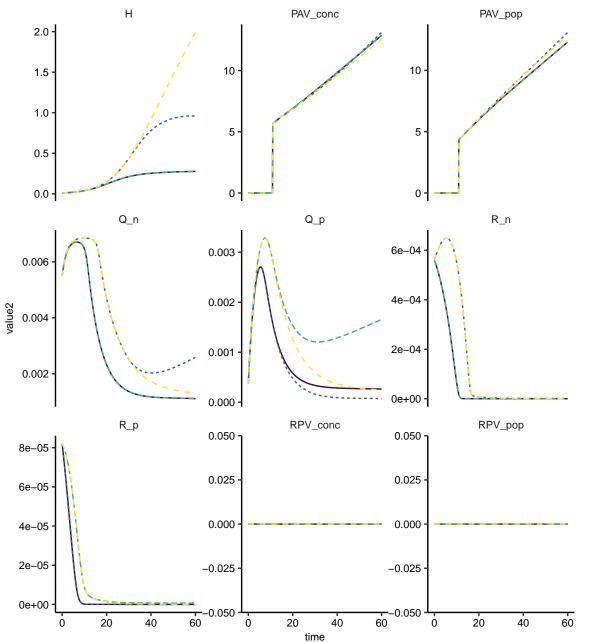
q\_nb = 7.4e-05; q\_pb = 1e-06 Н



low

+N

q\_nb = 0.000137813805143334; q\_pb = 1e-06

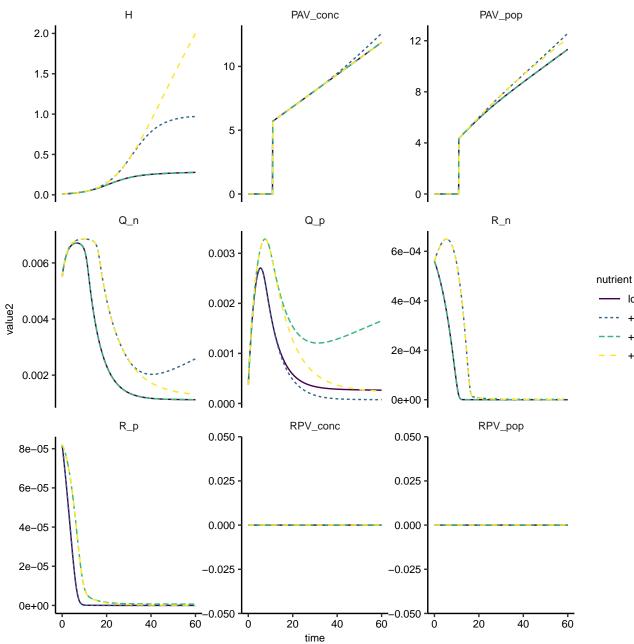


nutrient

low

+N

q\_nb = 0.000219984813838268; q\_pb = 1e-06



low

+N

q\_nb = 3e-04; 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

Ö

20

40

60

-0.050

Ö

20

time

40

60

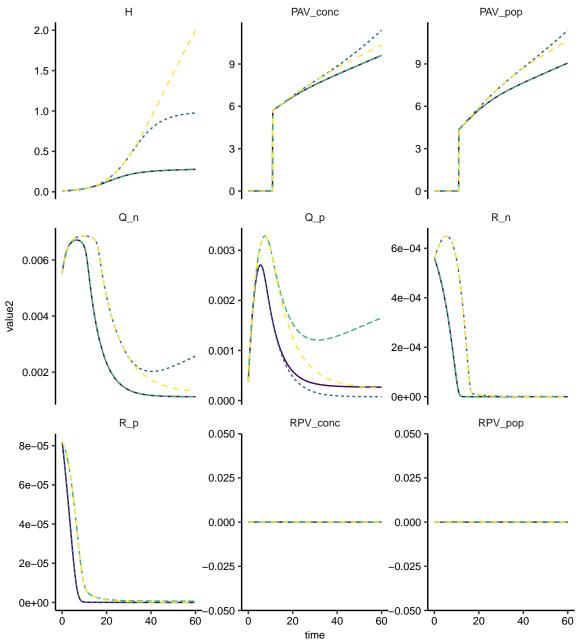
0e+00

0

20

40

q\_nb = 0.000407144927737209; q\_pb = 1e-06

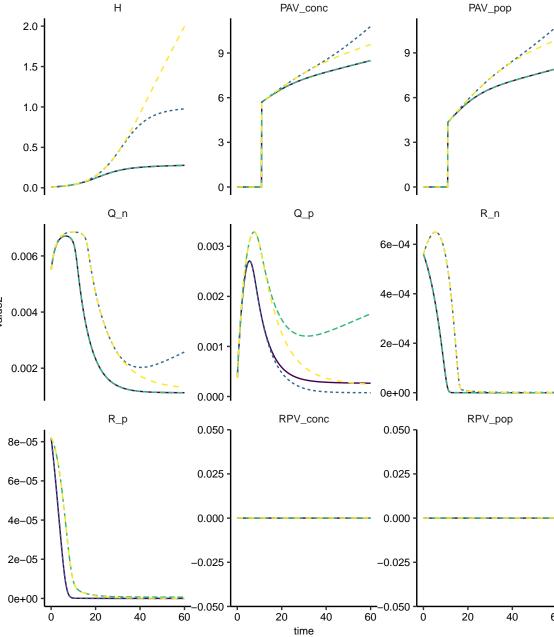


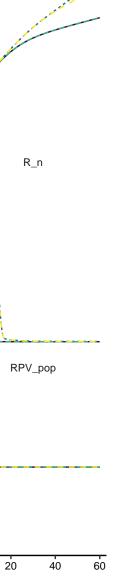
nutrient

low

+N

q\_nb = 5e-04; q\_pb = 1e-06 Н PAV\_conc 2.0 -9 -1.5 6 1.0 3 0.5 0.0 -Q\_n Q\_p 0.003 0.006 0.002 value2 0.004

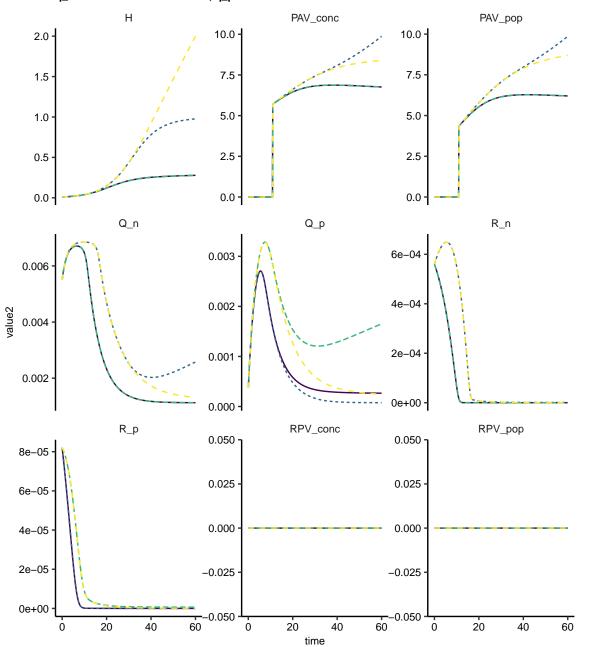




low

+N

q\_nb = 0.000643654384538669; q\_pb = 1e-06

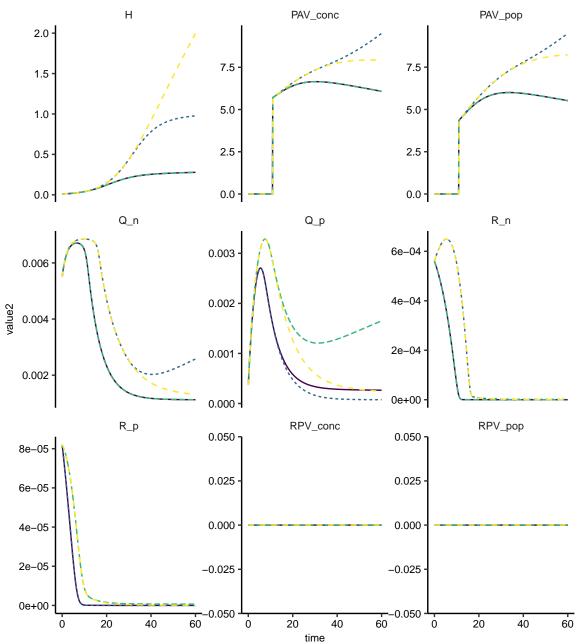


nutrient

low

+N

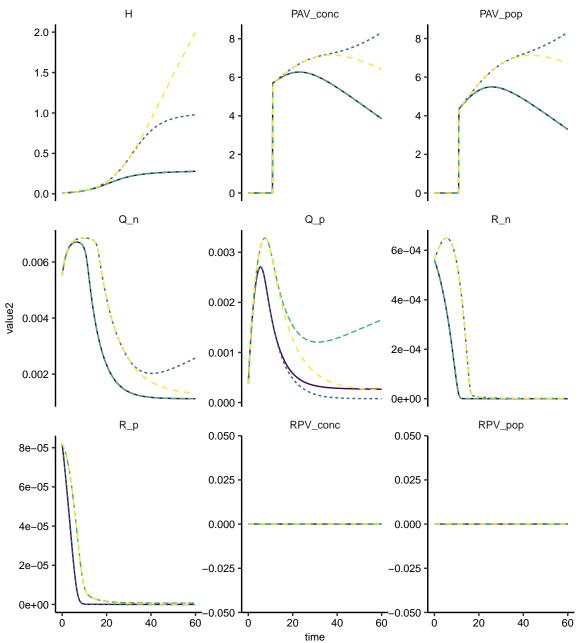
q\_nb = 7e-04; q\_pb = 1e-06 Н



low

+N

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 6 1.5 4 1.0 2 2 0.5 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

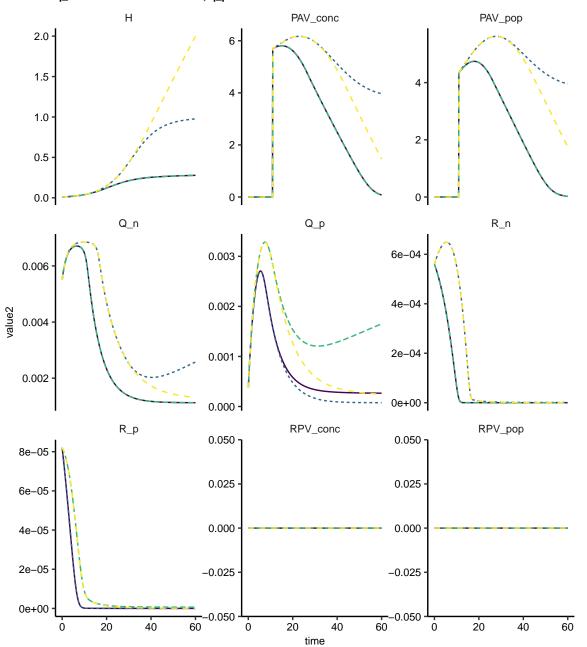
2e-05

0e+00

0

20

. 40 q\_nb = 0.00156514280990797; q\_pb = 1e-06

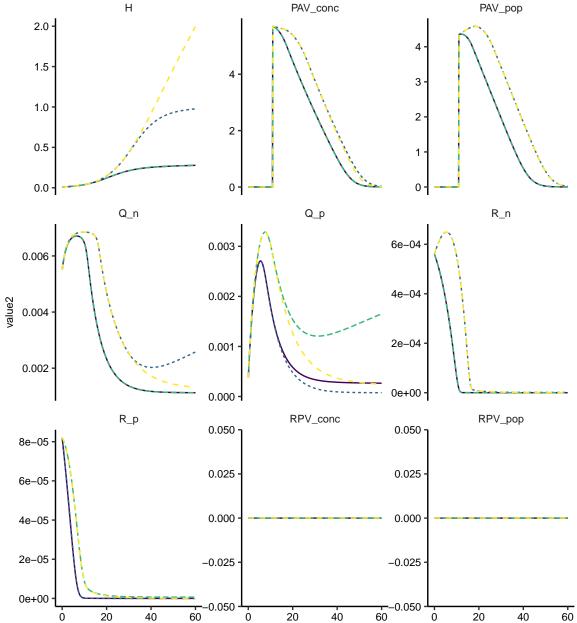


nutrient

low

+N

q\_nb = 0.003; q\_pb = 1e-06 Н PAV\_conc 2.0 -1.5 4 1.0 2 0.5 0.0 -Q\_n Q\_p 0.003 0.006



time

nutrient

low

+N

q\_nb = 0.005; q\_pb = 1e-06 Н PAV\_conc PAV\_pop 2.0 -4 1.5 4 3 1.0 2 2 0.5 1 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

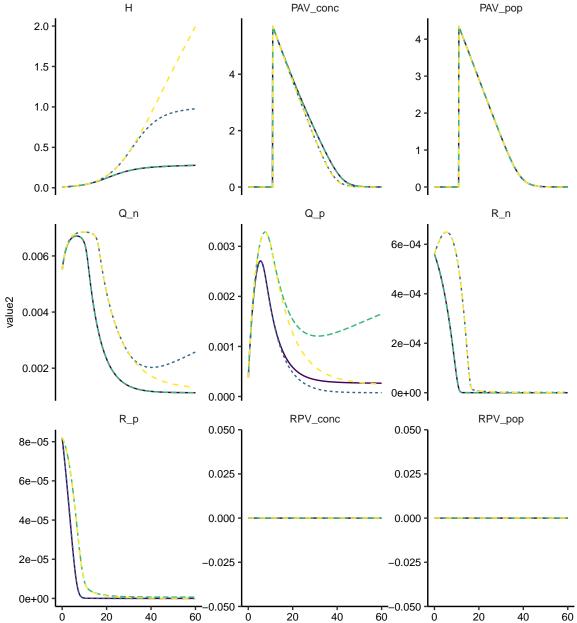
0e+00

0

20

40

q\_nb = 0.007; q\_pb = 1e-06 Н 2.0 -1.5 4 1.0 2 0.5 0.0 -Q\_n



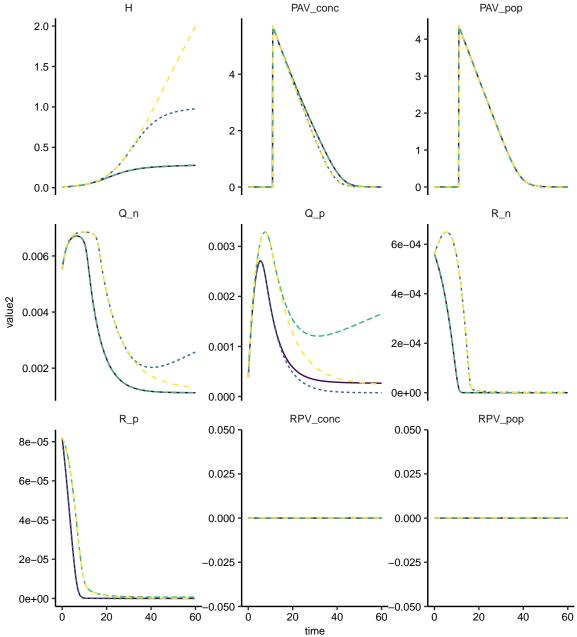
time

nutrient

low

+N

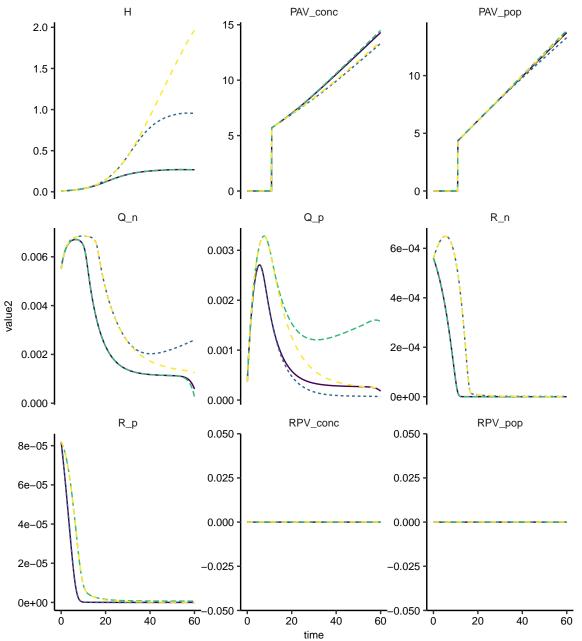
q\_nb = 0.01; q\_pb = 1e-06 Н 2.0 -1.5 4 1.0 2 0.5 0.0 -



low

+N

q\_nb = 1e-06; q\_pb = 5e-06 Н 2.0 -



low

+N

q\_nb = 1e-06; q\_pb = 1e-05 Н PAV\_conc PAV\_pop 15 -2.0 -1.5 10 10 · 1.0 5 5 0.5 0.0 -Q\_n Q\_p R\_n 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

-0.050 60

Ö

20

40

60

-0.025 -

-0.050

Ö

20

time

40

60

2e-05

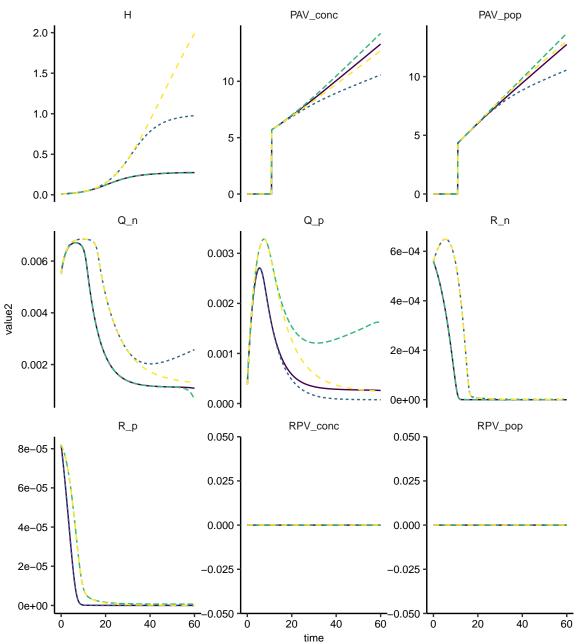
0e+00

0

20

40

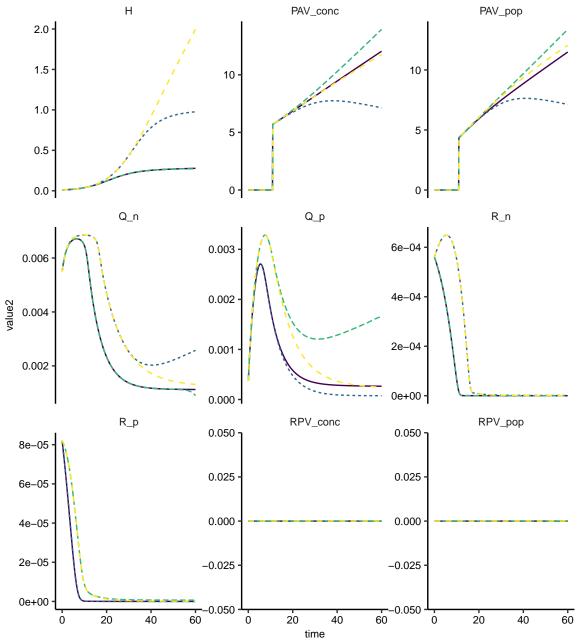
q\_nb = 1e-06; q\_pb = 2.5e-05 Н 2.0 -1.5



low

+N

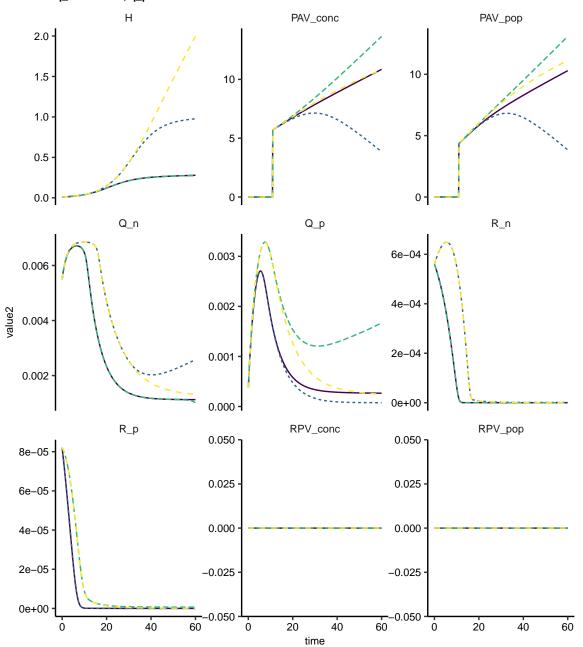
q\_nb = 1e-06; q\_pb = 5e-05 Н 2.0 -



low

+N

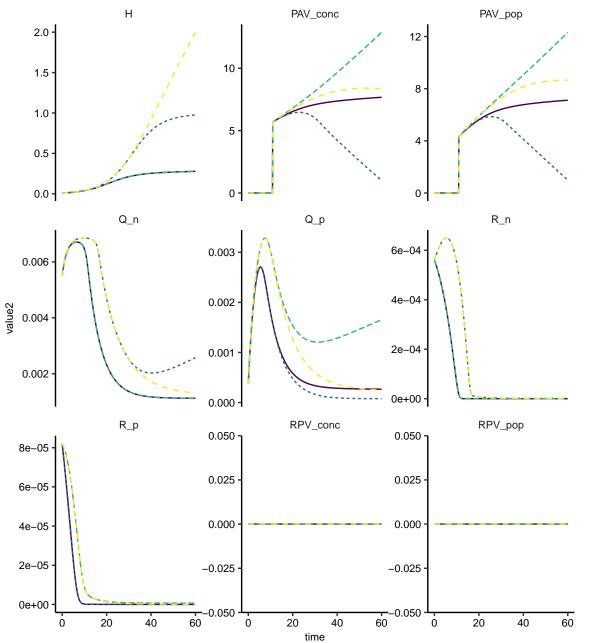
q\_nb = 1e-06; q\_pb = 7.4e-05 Н 2.0 -



low

+N

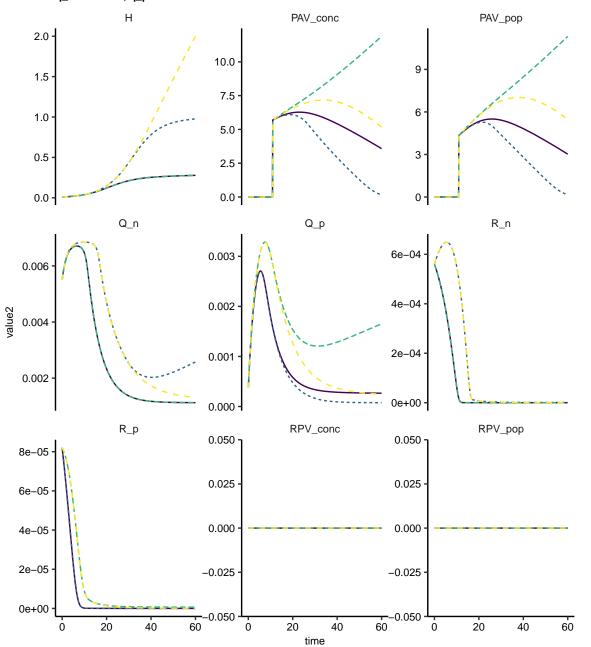
q\_nb = 1e-06; q\_pb = 0.000137813805143334



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 2.0 -10.0 9 . 1.5 7.5 6 1.0 5.0 3 0.5 2.5 0.0 -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

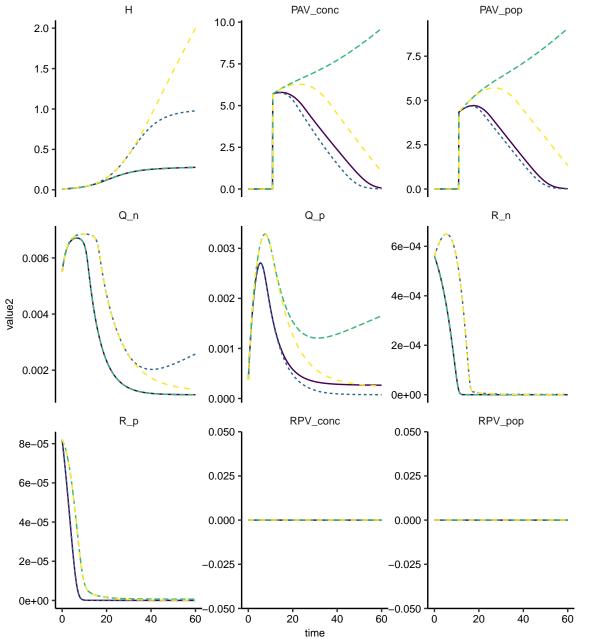
0e+00

0

20

40

q\_nb = 1e-06; q\_pb = 0.000407144927737209



nutrient

low

+N

q\_nb = 1e-06; q\_pb = 5e-04 Н PAV\_conc PAV\_pop 2.0 -8 -8 1.5 6 6 1.0 4 4 0.5 2 2 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

20

40

60

-0.050

Ö

20

time

40

60

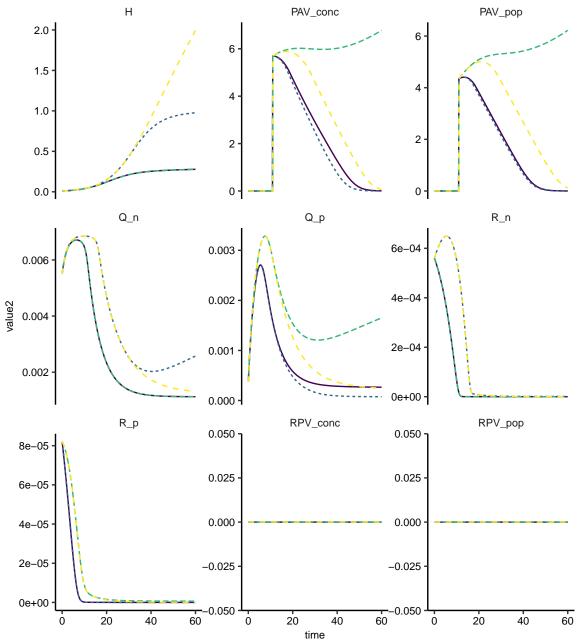
0e+00

0

20

40

q\_nb = 1e-06; q\_pb = 0.000643654384538669

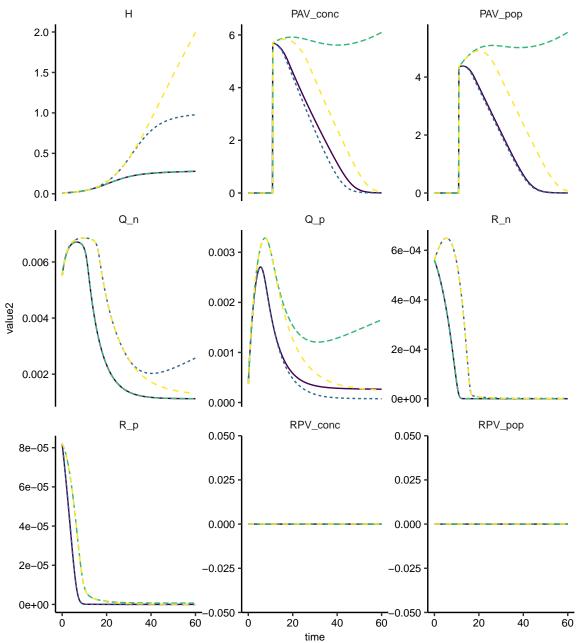


nutrient

low

+N

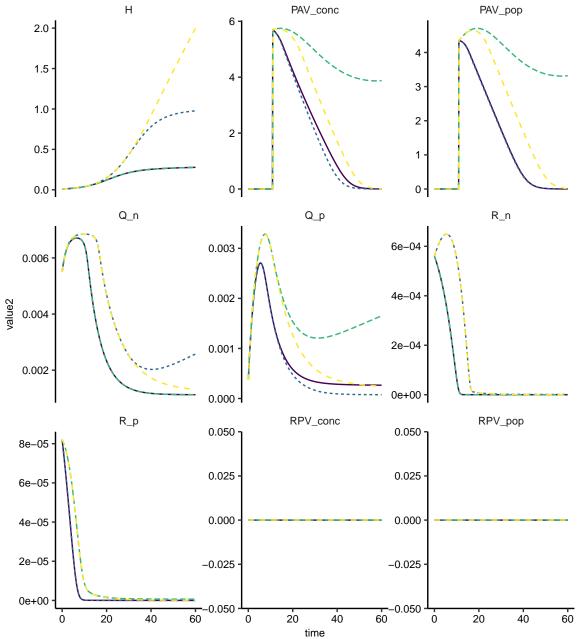
q\_nb = 1e-06; q\_pb = 7e-04 Н 2.0 -



low

+N

q\_nb = 1e-06; q\_pb = 0.000884319769145505

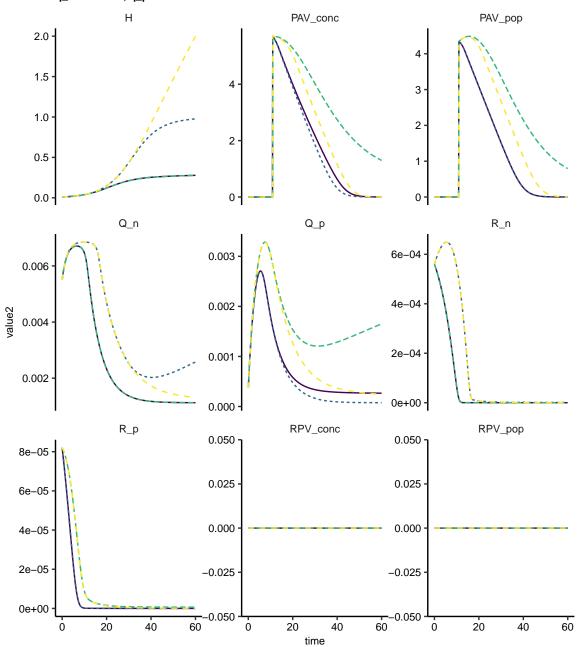


nutrient

low

+N

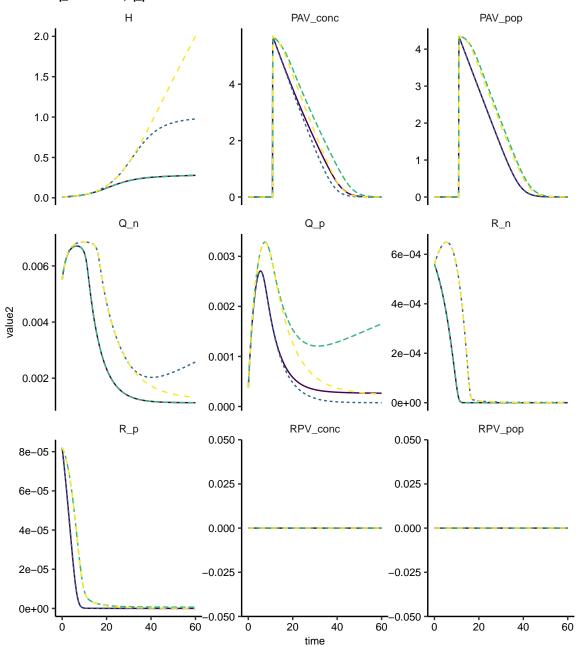
q\_nb = 1e-06; q\_pb = 0.0011 Н 2.0 -



low

+N

q\_nb = 1e-06; q\_pb = 0.00156514280990797

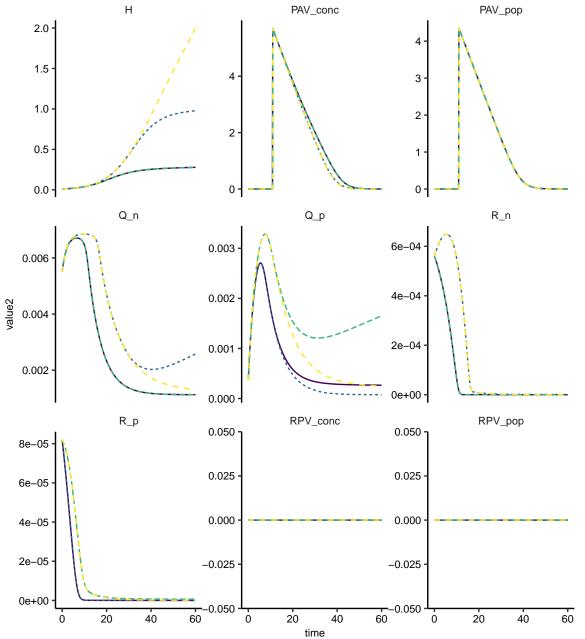


nutrient

low

+N

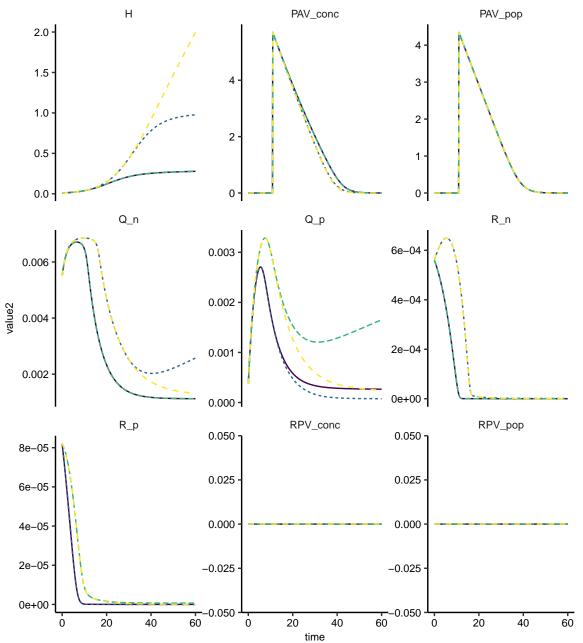
q\_nb = 1e-06; q\_pb = 0.003 Н



low

+N

q\_nb = 1e-06; q\_pb = 0.005

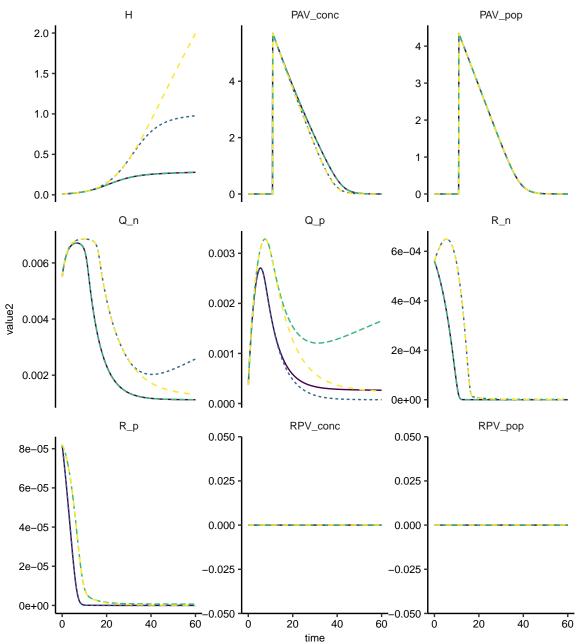


nutrient

low

+N

q\_nb = 1e-06; q\_pb = 0.007 Н 2.0 -1.5



low

+N

q\_nb = 1e-06; q\_pb = 0.01 Н PAV\_conc PAV\_pop 2.0 -4 1.5 4 3 1.0 2 2 0.5 1 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

