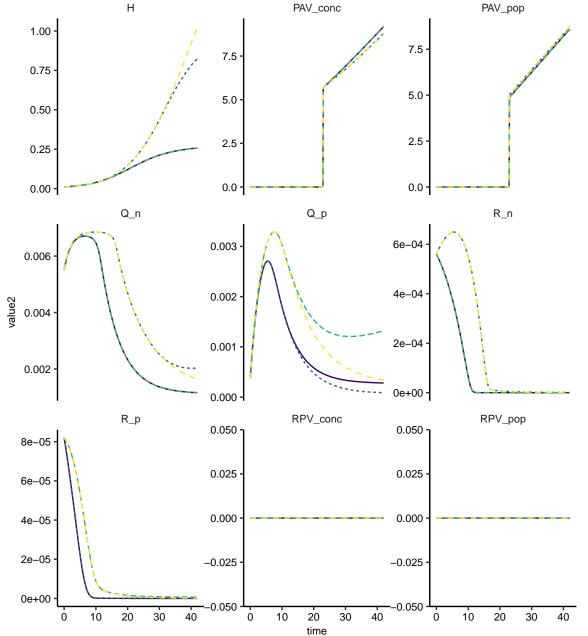
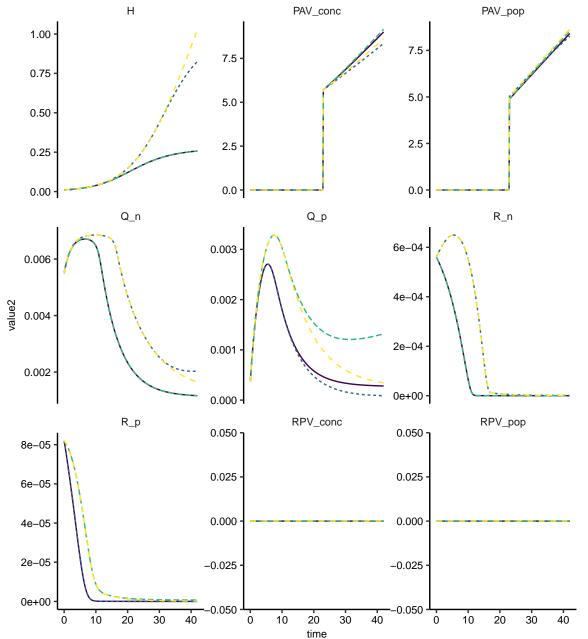
q\_nb = 1e-06; q\_pb = 1e-06 Н



low

+N

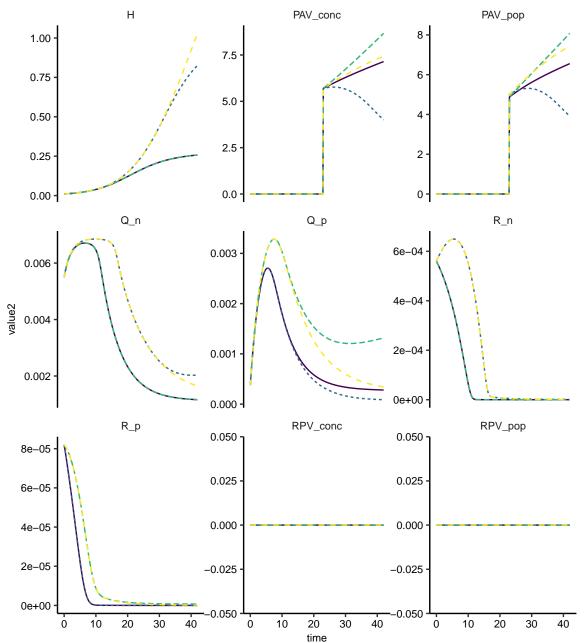
q\_nb = 1e-06; q\_pb = 1e-05 Н



low

+N

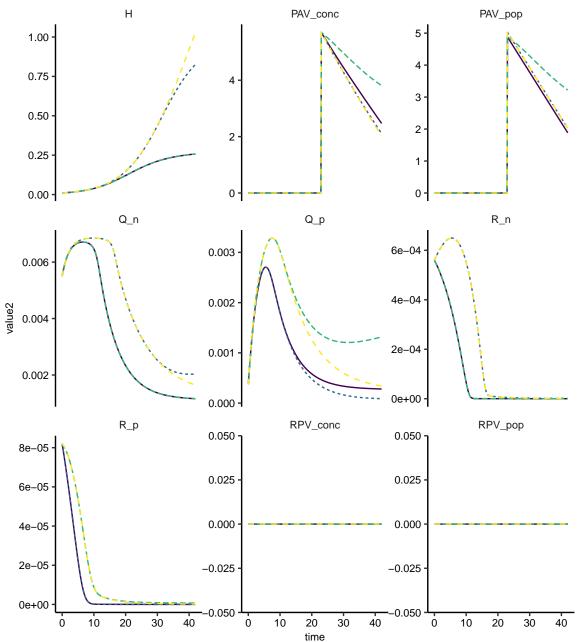
q\_nb = 1e-06; q\_pb = 1e-04 Н 1.00 0.75



low

+N

q\_nb = 1e-06; q\_pb = 0.001



nutrient

low

+N

q\_nb = 1e-06; q\_pb = 0.01 Н PAV\_conc PAV\_pop 5 -1.00 4 0.75 3 0.50 2 2 0.25 1 0 0 0.00 -Q\_n Q\_p R\_n 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

Ö

10

20

30

40

30

40

20

time

-0.025 -

-0.050

Ö

10

2e-05

0e+00

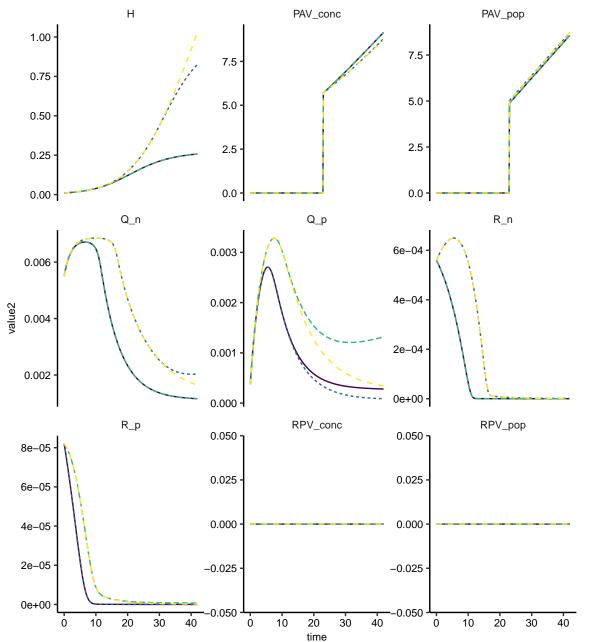
10

0

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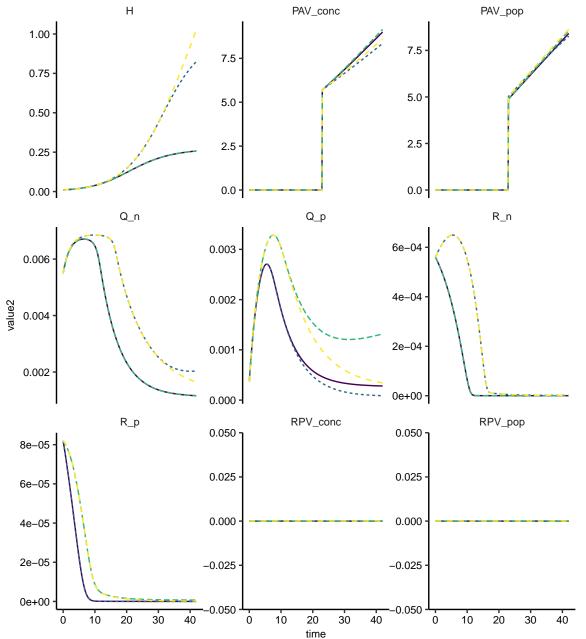
q\_nb = 1e-05; q\_pb = 1e-06 Н 1.00



low

+N

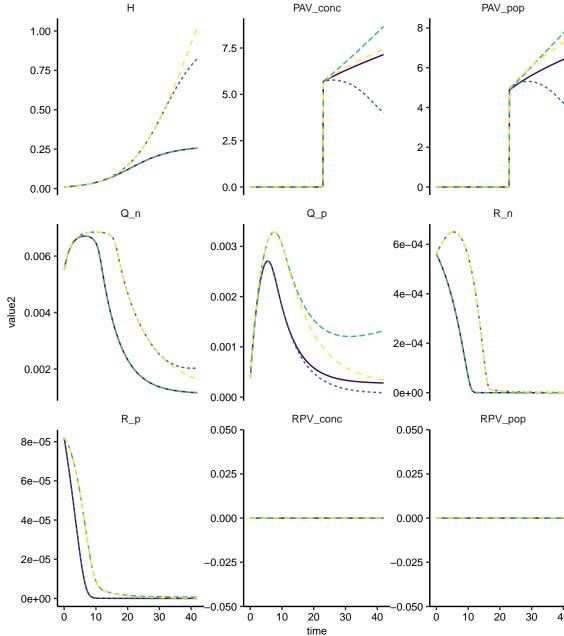
q\_nb = 1e-05; q\_pb = 1e-05 Н 1.00

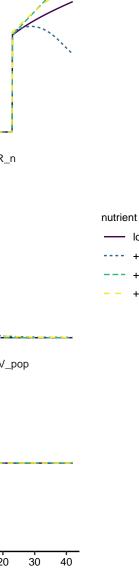


low

+N

q\_nb = 1e-05; q\_pb = 1e-04 Н PAV\_conc 1.00 7.5 0.75 5.0 0.50 2.5 0.25 0.0 0.00 -Q\_n Q\_p 0.003 0.006

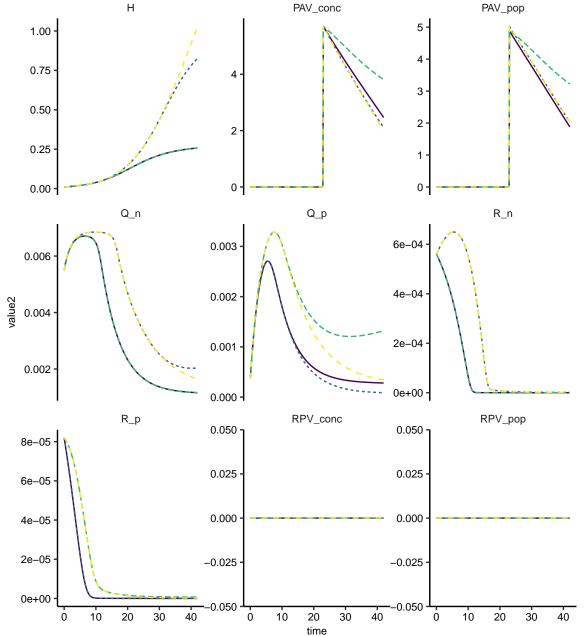




low

+N

q\_nb = 1e-05; q\_pb = 0.001 H



low

+N

q\_nb = 1e-05; q\_pb = 0.01 Н PAV\_conc PAV\_pop 5 -1.00 4 0.75 3 0.50 2 2 0.25 1 0 0 0.00 -Q\_n Q\_p R\_n 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

Ö

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time

-0.025 -

-0.050

Ö

10

2e-05

0e+00

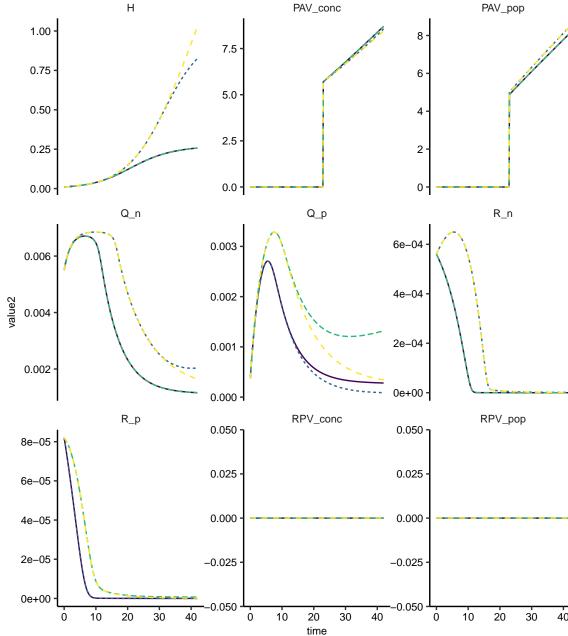
10

0

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q\_nb = 1e-04; q\_pb = 1e-06 Н PAV\_conc 1.00 7.5 0.75 5.0 0.50 2.5 0.25 0.0 0.00 -Q\_n Q\_p 0.003 0.006

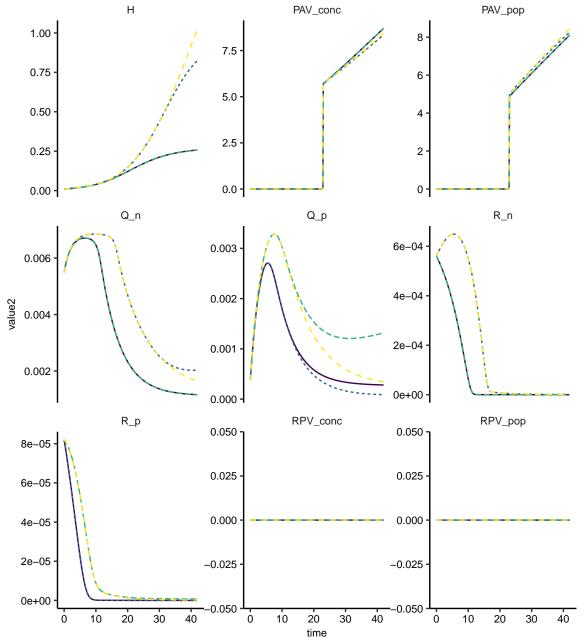




low

+N

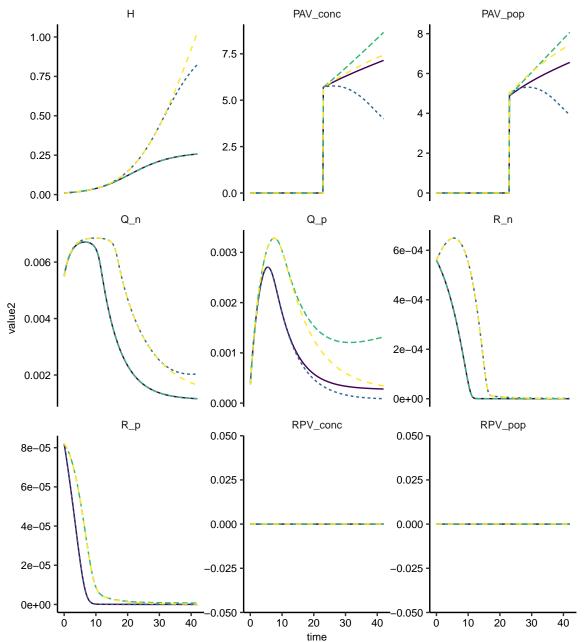
q\_nb = 1e-04; q\_pb = 1e-05 Н 1.00



low

+N

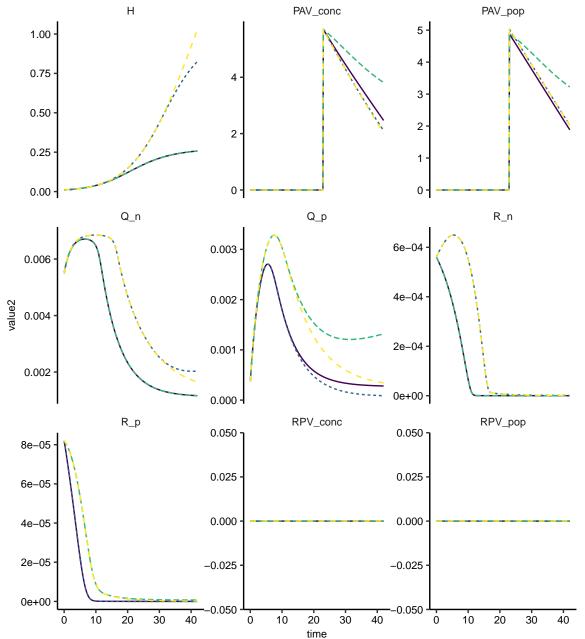
q\_nb = 1e-04; q\_pb = 1e-04 Н 1.00 0.75



low

+N

q\_nb = 1e-04; q\_pb = 0.001 Н



low

+N

q\_nb = 1e-04; q\_pb = 0.01 Н PAV\_conc PAV\_pop 5 -1.00 4 0.75 3 0.50 2 2 0.25 1 0 0 0.00 -Q\_n Q\_p R\_n 6e-04 0.003 0.006 nutrient 4e-04 low 0.002 kalue2 +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

Ö

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time

-0.025 -

-0.050

Ö

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2e-05

0e+00

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0

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q\_nb = 0.001; q\_pb = 1e-06 Н PAV\_conc PAV\_pop 6 -6 1.00 0.75 0.50 2 2 0.25 0 0.00 -Q\_n Q\_p R\_n 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 2e-05 -0.025 --0.025

Ö

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time

-0.050

Ö

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0e+00

0

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q\_nb = 0.001; q\_pb = 1e-05 Н PAV\_conc PAV\_pop 6 -6 1.00 0.75 0.50 2 2 0.25 0 0.00 -Q\_n Q\_p R\_n 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 2e-05 -0.025 --0.025

Ö

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time

-0.050

Ö

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0e+00

0

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q\_nb = 0.001; q\_pb = 1e-04 Н PAV\_conc PAV\_pop 6 + 6 1.00 0.75 4 0.50 2 2 0.25 0.00 -Q\_n Q\_p R\_n 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 2e-05 -0.025 --0.025

Ö

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time

-0.050

Ö

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0e+00

0

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 $q_nb = 0.001; q_pb = 0.001$ Н PAV\_conc PAV\_pop 5 -1.00 4 0.75 3 0.50 2 2 0.25 1 0 0 0.00 -Q\_n Q\_p R\_n 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 2e-05 -0.025 --0.025

Ö

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time

-0.050

Ö

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0e+00

0

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 $q_nb = 0.001; q_pb = 0.01$ Н PAV\_conc PAV\_pop 5 -1.00 4 0.75 3 0.50 2 2 0.25 1 0 0 0.00 -Q\_n Q\_p R\_n 6e-04 0.003 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 2e-05 -0.025 --0.025

Ö

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time

-0.050

Ö

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0e+00

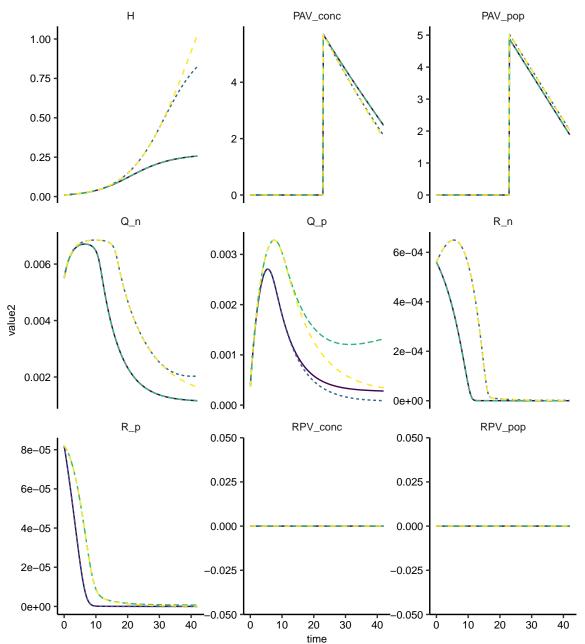
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0

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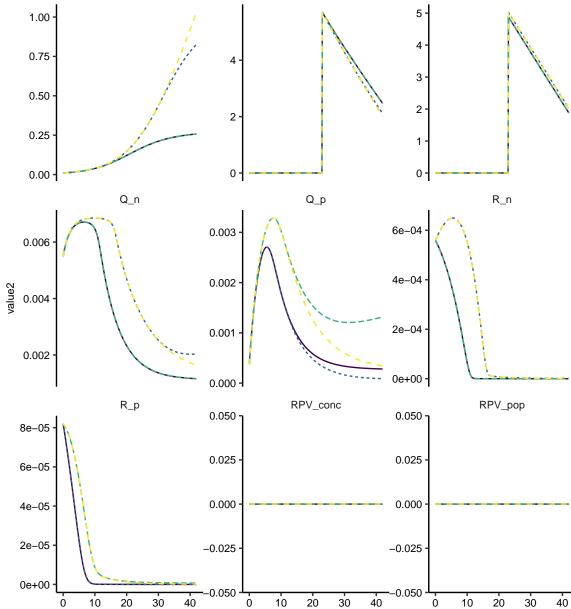
q\_nb = 0.01; q\_pb = 1e-06 Н 1.00



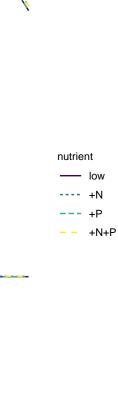
low

+N

q\_nb = 0.01; q\_pb = 1e-05 Н PAV\_conc 1.00 0.75 0.50 2 0.25 0 0.00 -Q\_n Q\_p 0.003

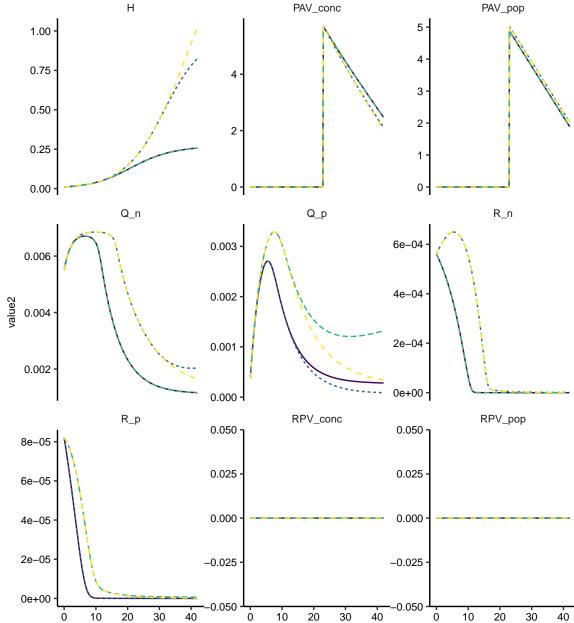


time



PAV\_pop

q\_nb = 0.01; q\_pb = 1e-04 Н PAV\_conc 1.00 0.75 0.50 2 0.25 0 0.00 -



time

nutrient

low

+N

 $q_nb = 0.01; q_pb = 0.001$ Н PAV\_conc PAV\_pop 5 -1.00 4 0.75 3 0.50 2 2 0.25 1 0 0 0.00 -Q\_n Q\_p R\_n 6e-04 0.003 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

Ö

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time

-0.025 -

-0.050

Ö

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2e-05

0e+00

0

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 $q_nb = 0.01; q_pb = 0.01$ Н PAV\_conc PAV\_pop 5 -1.00 4 0.75 3 0.50 2 2 0.25 1 0 0 0.00 -Q\_n Q\_p R\_n 6e-04 0.003 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 2e-05 -0.025 --0.025

Ö

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time

-0.050

Ö

10

0e+00

10

0

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