q_nc = 1.1e-05; q_nb = 1.1e-05 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 6e-04 0.006 0.0075 nutrient low 4e-04 0.004 0.0050 +N 2e-04 0.002 +N+P 0.0025 0.000 -0e+00 -0.0000 R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1

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time

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100

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0e+00

0

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q_nc = 1.1e-05; q_nb = 0.00011 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 6e-04 0.006 0.0075 nutrient low 4e-04 0.004 0.0050 +N 2e-04 0.002 +N+P 0.0025 0.000 -0e+00 -0.0000 R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1

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time

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0e+00

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q_nc = 1.1e-05; q_nb = 0.0011 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 6e-04 0.006 0.0075 nutrient low 4e-04 0.004 0.0050 +N 2e-04 0.002 +N+P 0.0025 0.000 -0e+00 -0.0000 R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1 0e+00

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time

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q_nc = 1.1e-05; q_nb = 0.011 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 6e-04 0.006 0.0075 nutrient low 4e-04 0.004 0.0050 +N 2e-04 0.002 +N+P 0.0025 0.000 -0e+00 -0.0000 R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1 0e+00 25 100 50 75 25 50 75 100 50 75 0 25 100

q_nc = 1.1e-05; q_nb = 0.11 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 6e-04 0.006 0.0075 nutrient low 4e-04 0.004 0.0050 +N 2e-04 0.002 +N+P 0.0025 0.000 -0e+00 -0.0000 R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1 0e+00 25 100 50 75 25 50 75 100 50 75 0 25 100

q_nc = 0.00011; q_nb = 1.1e-05 Н PAV_conc PAV_pop 15 **-**15 0.04 10 10 0.03 5 5 0.02 0.01 0 -Q_n Q_p R_n 0.006 0.0075 nutrient low 4e-04 0.004 0.0050 +N 2e-04 0.002 0.0025 +N+P 0.000 -0.0000 -0e+00 -R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1

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time

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q_nc = 0.00011; q_nb = 0.00011 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 6e-04 0.006 0.0075 nutrient low 4e-04 0.004 0.0050 +N 2e-04 0.002 +N+P 0.0025 0e+00 -0.000 -0.0000 R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1

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q_nc = 0.00011; q_nb = 0.0011 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 6e-04 0.006 0.0075 nutrient low 4e-04 0.004 0.0050 +N 2e-04 0.002 +N+P 0.0025 0e+00 -0.000 -0.0000 R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1 0e+00

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time

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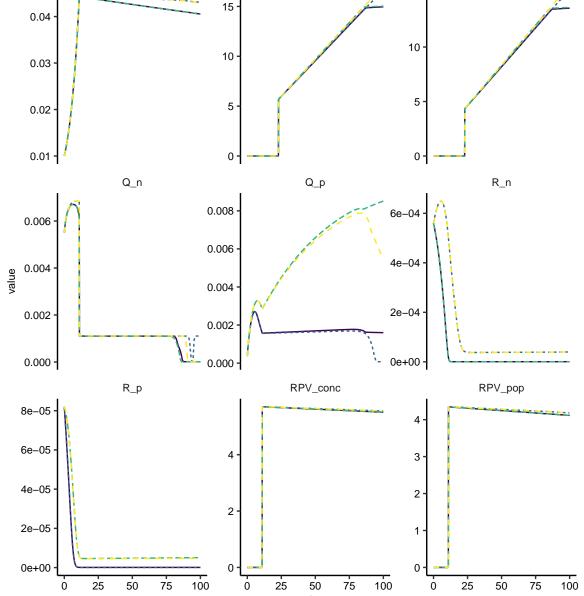
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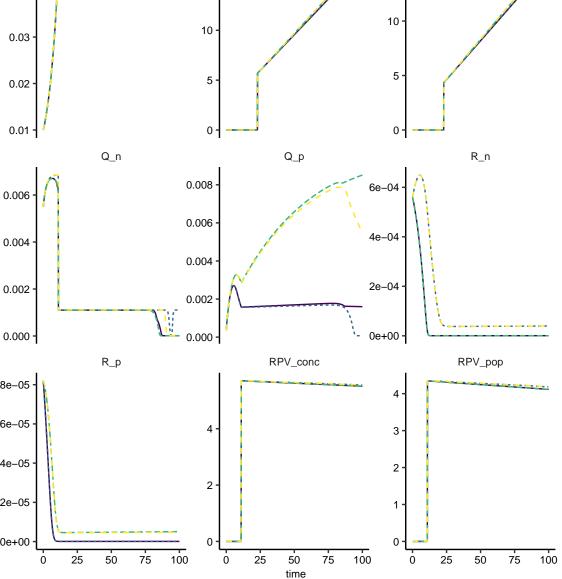
75

q_nc = 0.00011; q_nb = 0.011 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 6e-04 0.006 0.0075 nutrient low 4e-04 0.004 0.0050 +N 2e-04 0.002 +N+P 0.0025 0e+00 -0.000 -0.0000 R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1 0e+00 25 100 50 75 25 50 75 100 50 75 . 25 100

q_nc = 0.00011; q_nb = 0.11 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 6e-04 0.006 0.0075 nutrient low 4e-04 0.004 0.0050 +N 2e-04 0.002 +N+P 0.0025 0e+00 -0.000 -0.0000 R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1 0e+00 25 100 50 75 25 50 75 100 50 75 0 . 25 100

q_nc = 0.0011; q_nb = 1.1e-05 Н PAV_conc 15 15 0.04 10 10 0.03 5 5 0.02 0.01 0 Q_n Q_p 0.008 0.006 0.006 4e-04 0.004 0.004 2e-04 0.002





PAV_pop

nutrient

low

+N

+N+P

q_nc = 0.0011; q_nb = 0.00011 Н PAV_conc PAV_pop 15 + 15 0.04 10 10 0.03 5 5 0.02 0.01 0 Q_n Q_p R_n 0.008 0.006 nutrient 0.006 low 4e-04 0.004 +N 0.004 2e-04 0.002 +N+P 0.002 0.000 0e+00 -0.000 RPV_pop R_p RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 2e-05 1

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time

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q_nc = 0.0011; q_nb = 0.0011 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 0.0075 0.006 nutrient low 4e-04 value 0.0050 0.004 +N 2e-04 +N+P 0.0025 0.002 0e+00 -0.0000 -R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1

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time

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q_nc = 0.0011; q_nb = 0.011 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 0.0075 0.006 nutrient low 4e-04 value 0.0050 0.004 +N 2e-04 +N+P 0.0025 0.002 0e+00 -0.0000 -R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1 0e+00 25 100 50 75 25 50 75 100 50 75

0

. 25

q_nc = 0.0011; q_nb = 0.11 Н PAV_conc PAV_pop 4 0.04 4 3 0.03 2 2 0.02 1 0.01 0 -Q_n Q_p R_n 0.0075 0.006 nutrient low 4e-04 value 0.0050 0.004 +N 2e-04 +N+P 0.0025 0.002 0e+00 -0.0000 R_p RPV_pop RPV_conc 8e-05 4 6e-05 4 3 4e-05 2 2 · 2e-05 1 0e+00 25 100

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q_nc = 0.011; q_nb = 1.1e-05 Н PAV_conc PAV_pop ר 15 4 -15 -3 10 · 10 2 5 5 1 0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 0.004 +N 2e-04 0.001 0.002 +N+P 0.000 -0e+00 -0.000 RPV_conc RPV_pop R_p 8e-05 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00 100 75 100 50 75 25 50 100 25 50 75 0 . 25

q_nc = 0.011; q_nb = 0.00011 Н PAV_conc PAV_pop 4 -15 -3 10 · 10 2 5 5 1 0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 0.004 +N 2e-04 0.001 0.002 +N+P 0e+00 -0.000 -0.000 4 RPV_conc RPV_pop R_p 8e-05 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00 100 75 100 50 75 25 50 100 25 50 75 0 . 25

q_nc = 0.011; q_nb = 0.0011 Н PAV_conc PAV_pop 4 -6 6 3 4 2 2 2 1 0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 0.004 kg +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 R_p RPV_conc RPV_pop 8e-05 4 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00 100 75 100 50 75 25 50 100 25 50 75 0 . 25

q_nc = 0.011; q_nb = 0.011 Н PAV_conc PAV_pop 4 -5 -4 3 4 3 2 2 2 1 1 0 -0 Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 R_p RPV_conc RPV_pop 8e-05 4 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00 100 75 100 50 75 25 50 100 25 50 75 0 . 25

q_nc = 0.011; q_nb = 0.11 Н PAV_conc PAV_pop 4 -5 -4 3 4 3 2 2 2 1 1 0 -0 Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 0.004 kg +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 R_p RPV_conc RPV_pop 8e-05 4 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00 100 75 100 25 50 75 25 50 100 25 50 75 0

q_nc = 0.11; q_nb = 1.1e-05 Н PAV_conc PAV_pop ר 15 4 -15 -3 10 · 10 2 5 5 1 0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 0.004 +N 2e-04 0.001 0.002 +N+P 0.000 -0e+00 -0.000 RPV_conc RPV_pop R_p 8e-05 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00 100 75 100 50 75 25 50 100 25 50 75 . 25

q_nc = 0.11; q_nb = 0.00011 Н PAV_conc PAV_pop 4 -15 -3 10 · 10 2 5 5 1 0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 0.004 +N 2e-04 0.001 0.002 +N+P 0e+00 0.000 -0.000 4 RPV_conc RPV_pop R_p 8e-05 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00 100 75 100 50 75 25 50 100 25 50 75 0 . 25

q_nc = 0.11; q_nb = 0.0011 Н PAV_conc PAV_pop 4 -6 6 3 4 2 2 2 1 0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 0.004 kg +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 R_p RPV_conc RPV_pop 8e-05 4 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00 100 75 100 50 75 25 50 100 25 50 75 0 . 25

q_nc = 0.11; q_nb = 0.011 Н PAV_conc PAV_pop 4 -5 -4 3 4 3 2 2 2 1 1 0 -0 Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 0.004 kg +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 R_p RPV_conc RPV_pop 8e-05 4 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00 100 75 100 50 75 25 50 100 25 50 75 0 . 25

q_nc = 0.11; q_nb = 0.11 Н PAV_conc PAV_pop 4 -5 -4 3 4 3 2 2 2 1 1 0 -0 Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 0.004 kg +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 R_p RPV_conc RPV_pop 8e-05 4 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00 100 75 100 25 50 75 25 50 100 25 50 75 0