NA = NA; NA = NAН PAV_conc PAV_pop 6 -6 0.075 4 4 0.050 2 2 0.025 Q_n Q_p R_n 0.007 -6e-04 0.003 0.006 nutrient low 4e-04 value2 0.002 +N 0.005 2e-04 +N+P 0.001 0.004 0e+00 -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 10 5 15 15 10 5 10 15 0 Ö Ö 5 time

NA = NA; NA = NAН PAV_conc PAV_pop 6 -0.100 -6 0.075 4 4 0.050 2 · 2 0.025 Q_n Q_p R_n 0.007 -6e-04 0.003 0.006 nutrient low 4e-04 value2 0.002 0.005 +N 2e-04 +N+P 0.004 0.001 0e+00 -0.003 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

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NA = NA; NA = NAН PAV_conc PAV_pop 6 6 0.09 4 4 0.06 2 · 2 0.03 Q_n Q_p R_n 0.007 -6e-04 0.003 0.006 nutrient low 4e-04 0.002 0.005 +N 2e-04 0.004 +N+P 0.001 0.003 0e+00 -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 15 5 15 10 10 15 0 Ö 5 Ö 5 10 time

NA = NA; NA = NAН PAV_conc PAV_pop 6 6 0.10 4 4 0.05 2 -2 Q_n Q_p R_n 0.007 -6e-04 0.003 0.006 nutrient 4e-04 low 0.005 0.002 +N 0.004 2e-04 +N+P 0.001 0.003 0e+00 -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 15 15 5 10 15 10 0 Ö 5 Ö 5 10 time

NA = NA; NA = NAН PAV_conc PAV_pop 0.15 -6 6 0.10 4 4 2 · 0.05 2 Q_n Q_p R_n 0.007 -6e-04 0.003 0.006 nutrient 4e-04 low 0.005 0.002 +N 0.004 2e-04 +N+P 0.001 0.003 0e+00 -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

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NA = NA; NA = NAН PAV_conc PAV_pop 6 0.15 6 4 0.10 4 2 2 0.05 Q_n Q_p R_n 0.007 -6e-04 0.003 0.006 nutrient 4e-04 low 0.005 value2 0.002 +N 0.004 2e-04 +N+P 0.001 0.003 0e+00 -0.002 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 5 15 10 15 20 20 15 0 Ö 5 10 Ö 5 10 20

NA = NA; NA = NAН PAV_conc PAV_pop 6 6 0.15 4 4 0.10 2 2 0.05 Q_n R_n Q_p 0.007 -6e-04 0.003 0.006 nutrient 0.005 4e-04 low value2 0.002 +N 0.004 2e-04 +N+P 0.001 0.003 0.002 -0e+00 -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 5 15 15 20 5 20 15 0 10 Ö 10 Ö 5 10 20

NA = NA; NA = NAН PAV_conc PAV_pop 6 0.20 6 0.15 4 4 0.10 2 · 2 0.05 0 0.00 Q_n R_n Q_p 0.007 -6e-04 0.003 0.006 nutrient 0.005 4e-04 low value2 0.002 +N 0.004 2e-04 +N+P 0.003 0.001 0.002 0e+00 -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

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NA = NA; NA = NAН PAV_conc PAV_pop 6 6 0.20 4 0.15 4 0.10 2 · 2 0.05 0 0.00 Q_n R_n Q_p 0.007 -6e-04 0.003 0.006 nutrient 0.005 4e-04 low value2 0.002 +N 0.004 2e-04 +N+P 0.003 0.001 0.002 0e+00 -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

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NA = NA; NA = NAН PAV_conc PAV_pop 6 6 0.2 4 0.1 2 · 2 0 0.0 Q_n R_n Q_p 0.007 -6e-04 0.003 0.006 nutrient 0.005 4e-04 low 0.002 0.004 2e-04 +N+P 0.003 0.001 0.002 0e+00 -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 25 25 20 15 20 0 5 10 15 5 10 0 5 10 15 20

NA = NA; NA = NAН PAV_conc PAV_pop 0.3 -6 6 0.2 4 2 · 0.1 2 0 -0.0 Q_n R_n Q_p 0.007 -6e-04 0.003 0.006 nutrient 0.005 low 4e-04 0.002 +N 0.004 2e-04 0.003 +N+P 0.001 0.002 0e+00 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05

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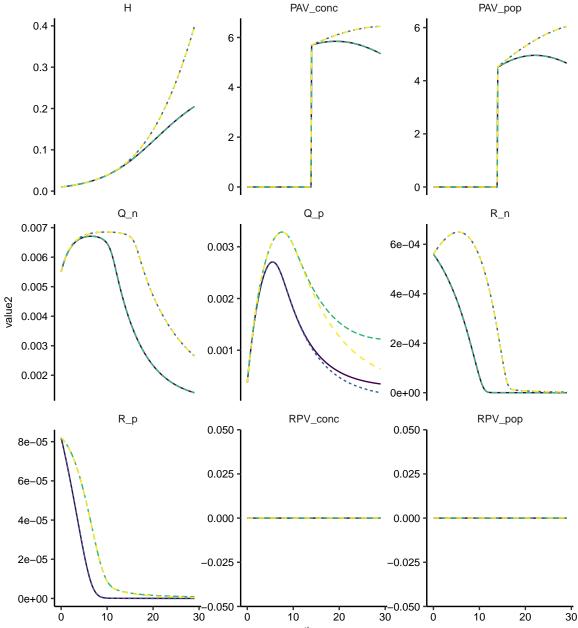
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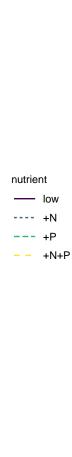
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NA = NA; NA = NAН PAV_conc PAV_pop 6 0.3 6 4 0.2 2 · 2 0.1 0 0.0 Q_n R_n Q_p 0.007 -6e-04 0.003 0.006 nutrient 0.005 4e-04 low 0.002 0.004 2e-04 0.003 +N+P 0.001 0.002 0e+00 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025 0e+00 -0.050 -0.050 10 20 20 10 20 10 Ö Ö Ö

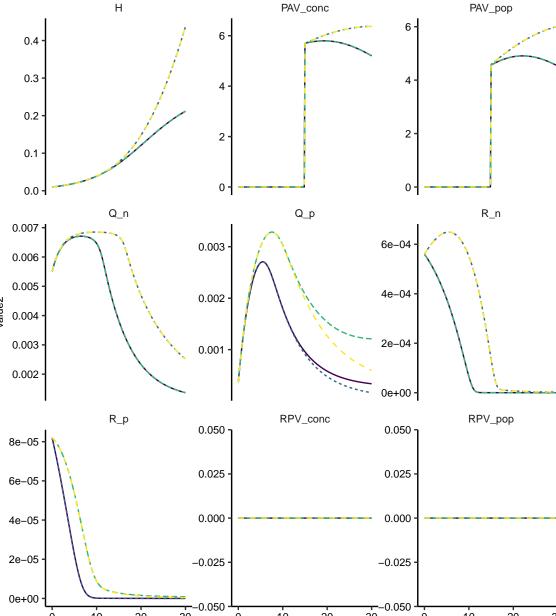
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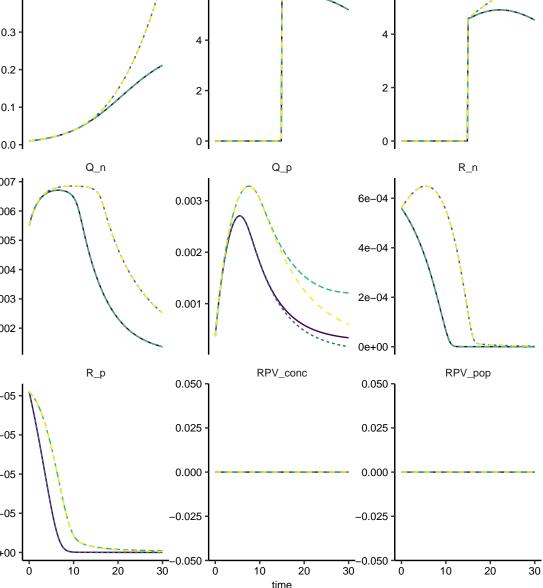
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NA = NA; NA = NAН 6 0.4 0.3 0.2 2 0.1 0.0 Q_n 0.007 -0.003 0.006 0.005 0.002 value2 0.004



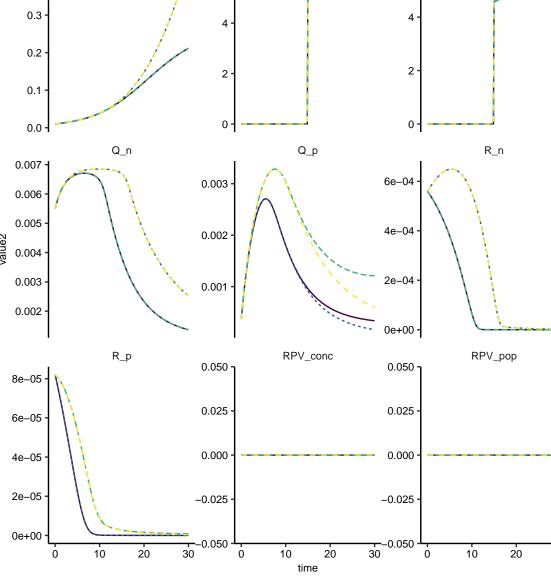


nutrient

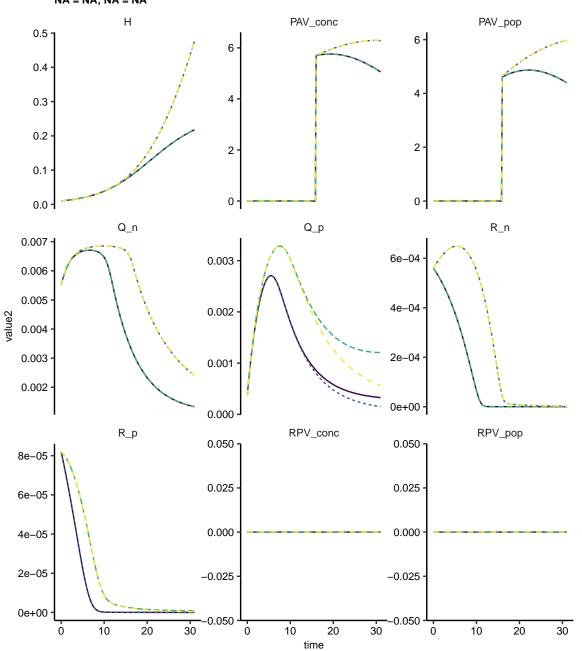
low

+N

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NA = NA; NA = NA



nutrient

low

+N

+N+P

NA = NA; NA = NAН PAV_conc PAV_pop 6 -0.5 6 0.4 4 0.3 0.2 2 · 2 · 0.1 0.0 Q_n Q_p R_n 0.007 -6e-04 0.003 0.006 nutrient 0.005 4e-04 low 0.002 value2 0.004 2e-04 0.003 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

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NA = NA; NA = NAН PAV_conc PAV_pop 6 -6 0.4 4 4 0.2 2 2 -0 0.0 Q_n Q_p R_n 0.007 -6e-04 0.003 0.006 nutrient 0.005 4e-04 low 0.002 value2 0.004 +N 0.003 2e-04 0.001 +N+P 0.002 0e+00 -0.000 0.001 -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 10 10 30 20 30 20 20 30 0 Ö Ö 10

NA = NA; NA = NAН PAV_conc PAV_pop 6 + 0.6 4 0.4 2 2 · 0.2 0 0.0 Q_n Q_p R_n 0.007 -6e-04 0.003 0.006 nutrient 0.005 4e-04 low 0.002 value2 0.004 +N 0.003 2e-04 0.001 +N+P 0.002 0e+00 -0.001 -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 10 10 20

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NA = NA; NA = NAН PAV_conc PAV_pop 6 -6 0.6 4 0.4 2 2 0.2 0 0.0 Q_n Q_p R_n 0.007 -6e-04 0.003 0.006 nutrient 0.005 4e-04 low 0.002 value2 0.004 +N 0.003 2e-04 0.001 +N+P 0.002 0e+00 -0.001 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 30 10 20

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NA = NA; NA = NAН PAV_conc PAV_pop 6 7 6 0.6 4 0.4 2 2 0.2 0 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient 4e-04 low 0.002 kalne5 +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

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NA = NA; NA = NAН PAV_conc PAV_pop 6 0.6 4 0.4 2 2 0.2 0 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient 4e-04 low 0.002 kalne5 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 4 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

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NA = NA; NA = NAН PAV_conc PAV_pop 6 8.0 0.6 4 0.4 2 2 0.2 0 0.0 -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 0e+00

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NA = NA; NA = NAН PAV_conc PAV_pop 6 0.75 4 4 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 kalue2 400.0 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 4 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 -0.050 40 0e+00 -0.050 40 20 10 20 30 10 20 30 0 Ö Ö 10 30 . 40

NA = NA; NA = NAН PAV_conc PAV_pop 6 0.75 4 4 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 kalue2 400.0 +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 40 40 20 10 30 20 30 20 30 0 40 Ö 10 Ö 10

NA = NA; NA = NAН PAV_conc PAV_pop 1.00 -6 0.75 4 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 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

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NA = NA; NA = NAН PAV_conc PAV_pop 6 7 1.00 0.75 4 0.50 2 2 0.25 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 2e-05 -0.025 --0.025 0e+00 -0.050 -0.050

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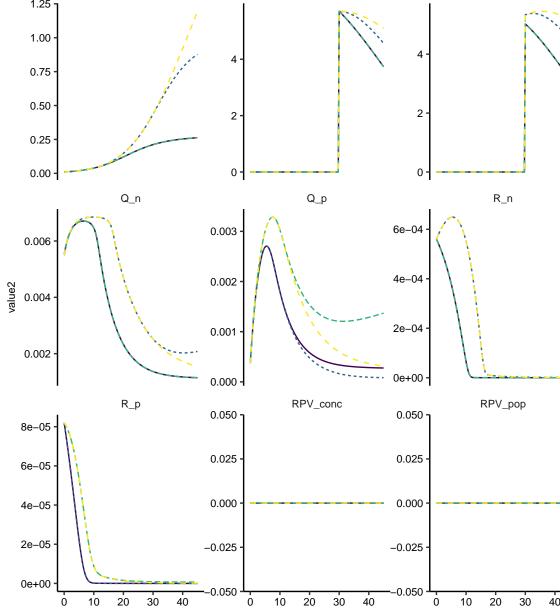
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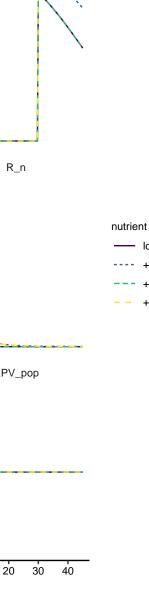
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NA = NA; NA = NAН PAV_conc PAV_pop 6 -0.9 4 0.6 2 2 0.3 0.0 -Q_n Q_p R_n 0.003 6e-04 0.006 nutrient 4e-04 low 0.002 kalue2 400.0 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 -R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05 2e-05 -0.025 --0.025 0e+00 -0.050 -0.050 30 10 20 30 20 40 20 30 0 40 Ö 10 Ö 10 . 40

NA = NA; NA = NAН PAV_conc PAV_pop 0.9 4 4 0.6 2 2 0.3 0.0 -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 4 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 10 20 30 40 20 30 40 0 Ö 10 Ö 10 20 30 40

NA = NA; NA = NAН PAV_conc 1.25 -1.00 4 0.75 0.50 2 0.25 0.00 -Q_n Q_p 0.003 0.006 0.002 value2 0.004 0.001





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NA = NA; NA = NAН PAV_conc PAV_pop 1.25 -1.00 4 4 0.75 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

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NA = NA; NA = NAН PAV_conc PAV_pop 1.0 4 4 0.5 2 2 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient 4e-04 low 0.002 kalue2 400.0 +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 40 10 20 30 20 30 40 0 40 Ö 10 Ö 10 20 30

NA = NA; NA = NAН PAV_conc PAV_pop 1.0 4 4 0.5 2 2 0.0 -Q_n Q_p R_n 0.003 6e-04 0.006 nutrient 4e-04 low 0.002 kalue2 400.0 +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

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NA = NA; NA = NAН PAV_conc PAV_pop 4 1.0 4 2 0.5 2 0.0 -Q_n Q_p R_n 0.003 6e-04 0.006 nutrient 4e-04 low 0.002 kalue2 400.0 +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 50 20 30 40 0 10 30 40 Ö 10 20 Ö 10 20 30 40 50

NA = NA; NA = NAН PAV_conc PAV_pop 1.5 -4 4 1.0 2 2 0.5 0.0 -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 4 R_p RPV_conc RPV_pop 0.050 0.050 8e-05 0.025 0.025 6e-05 0.000 0.000 4e-05

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NA = NA; NA = NAН PAV_conc PAV_pop 1.5 -4 4 1.0 2 2 0.5 0.0 -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 4 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

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NA = NA; NA = NAН PAV_conc PAV_pop 1.5 4 4 1.0 2 2 0.5 0.0 -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 4 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 40 20 40 50 10 20 30 50 Ö 10 30 0 10 20 30 40

NA = NA; NA = NAН PAV_conc PAV_pop 1.5 4 4 1.0 2 2 0.5 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 +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

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NA = NA; NA = NAН PAV_conc PAV_pop 1.5 4 4 1.0 2 2 0.5 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 +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 20 20 40 40 20 40 Ö Ö Ö

NA = NA; NA = NAН PAV_conc PAV_pop 1.5 4 4 1.0 2 2 0.5 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 +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 20 20 40 40 20 Ö 40 Ö Ö time

NA = NA; NA = NAН PAV_conc PAV_pop 1.5 4 4 1.0 2 2 0.5 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 +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 40 20 40 40 20 20 0 Ö Ö time

NA = NA; NA = NAН PAV_conc PAV_pop 1.5 4 4 1.0 2 2 0.5 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 +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 40 40 20 20 20 40 0 Ö Ö time

NA = NA; NA = NAН PAV_conc PAV_pop 6 7 1.5 4 4 1.0 2 2 0.5 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 +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 60 -0.050 60 20 20 20 40 40 60 Ö Ö . 40

NA = NA; NA = NAН PAV_conc PAV_pop 6 7 2.0 -1.5 4 4 1.0 2 2 0.5 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 +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 60 -0.050

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NA = NA; NA = NAН PAV_conc PAV_pop 6 -2.0 -1.5 4 4 1.0 2 2 0.5 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 +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 60 20 20 20 40 40 40 Ö

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NA = NA; NA = NAН PAV_conc PAV_pop 6 -2.0 1.5 4 4 1.0 2 2 0.5 0.0 -Q_n Q_p R_n 6e-04 0.003 0.006 nutrient low 4e-04 0.002 value2 +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 60 20 20 20 40 40 40 0 Ö

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NA = NA; NA = NAН PAV_conc PAV_pop 2.5 -6 -2.0 4 1.5 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 +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 20 20 60 40 60 40 20 40 60 0 Ö Ö

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