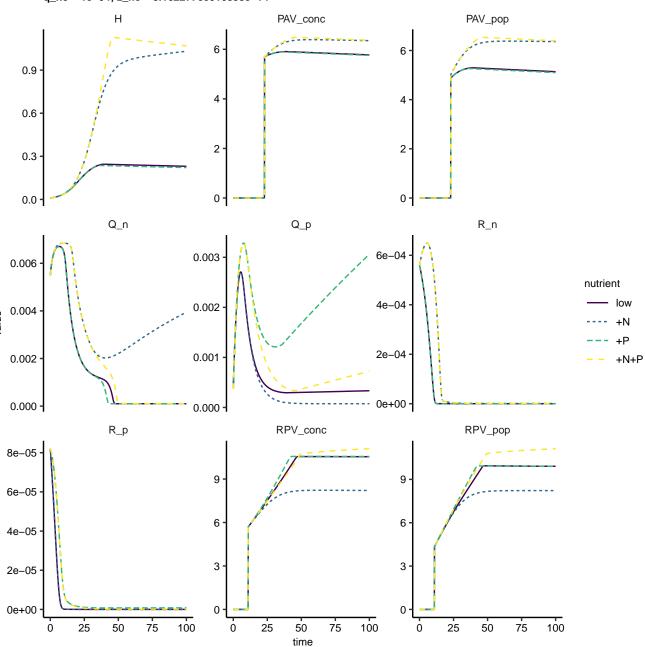
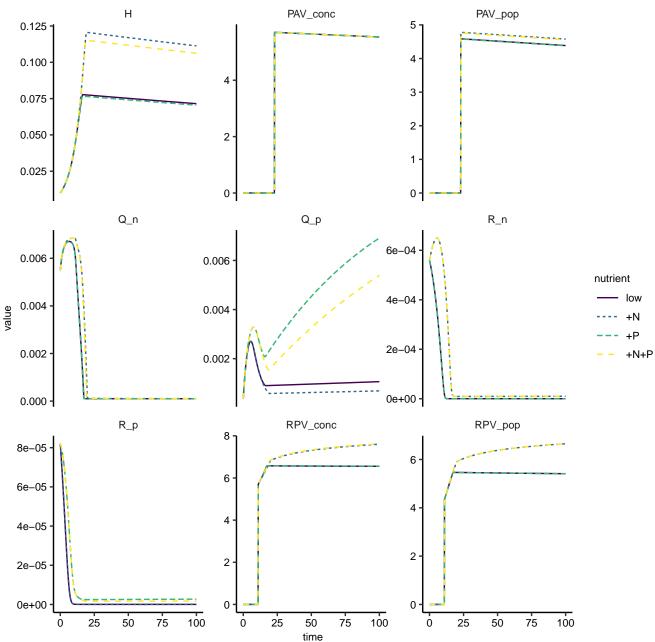
q_nc = 1e-04; z_nc = 1e-18 Н PAV_conc PAV_pop 6 6 2 · 4 1 2 2 0 -Q_n Q_p R_n 0.003 0.006 nutrient low 4e-04 0.002 0.004 +N 2e-04 0.001 0.002 +N+P 0e+00 0.000 -0.000 4 RPV_conc RPV_pop R_p 15 -8e-05 15 -6e-05 10 10 4e-05 5 · 5 2e-05 0e+00 100 75 100 50 75 25 50 100 25 50 75 0 . 25

time

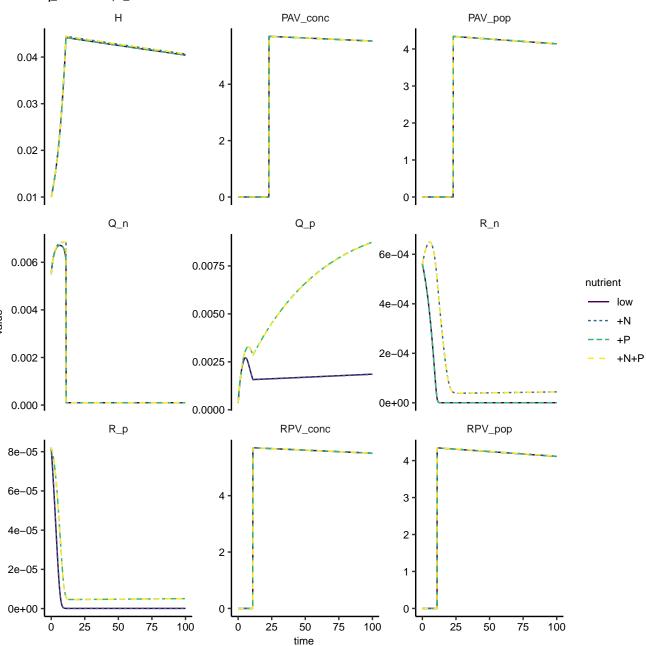
q_nc = 1e-04; z_nc = 3.16227766016838e-14



q_nc = 1e-04; z_nc = 1e-09



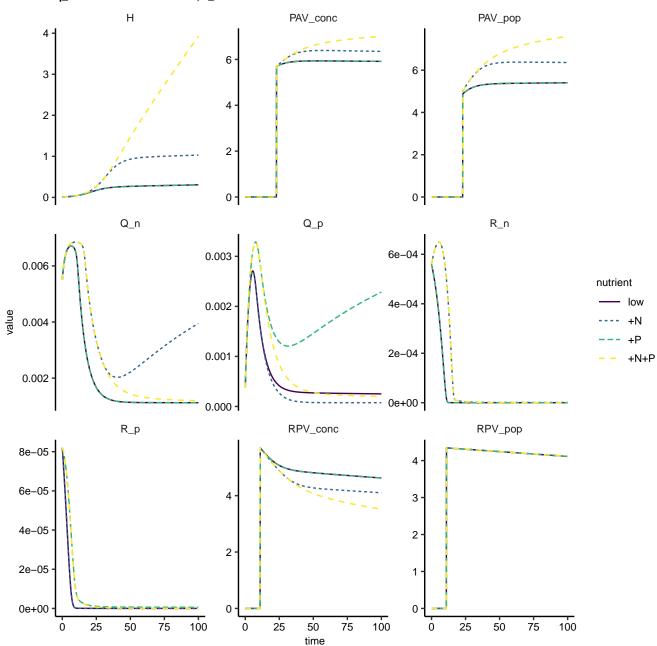
q_nc = 1e-04; z_nc = 3.16227766016838e-05



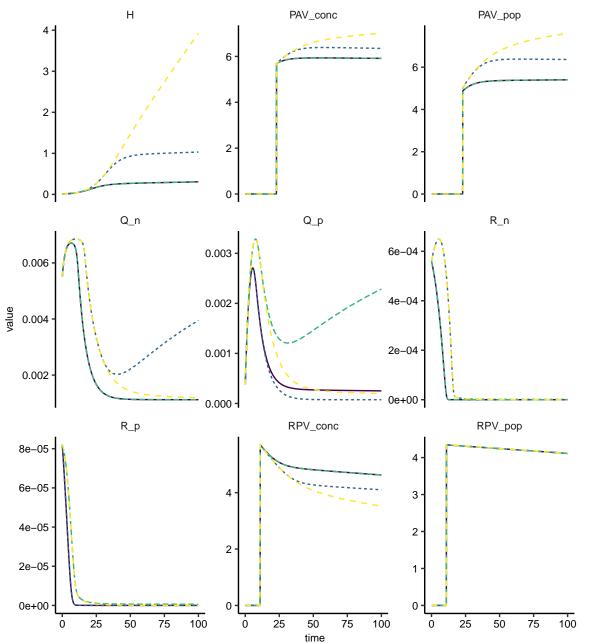
q_nc = 1e-04; z_nc = 1 Н PAV_conc PAV_pop 10.0 -8 6 7.5 6 4 5.0 4 2 -2.5 2 0.0 Q_n Q_p R_n 0e+00 6e-04 0.003 nutrient -2e+09 low 4e-04 0.002 value +N 2e-04 -4e+09 0.001 +N+P 0e+00 -0.000 -RPV_conc RPV_pop R_p 10.0 8e-05 -9 7.5 -6e-05 6 5.0 4e-05 3 2.5 2e-05 0e+00 0.0 25 100 25 25 50 75 100 50 75 0 50 . 75 100 Ö

time

q_nc = 0.0177827941003892; z_nc = 1e-18



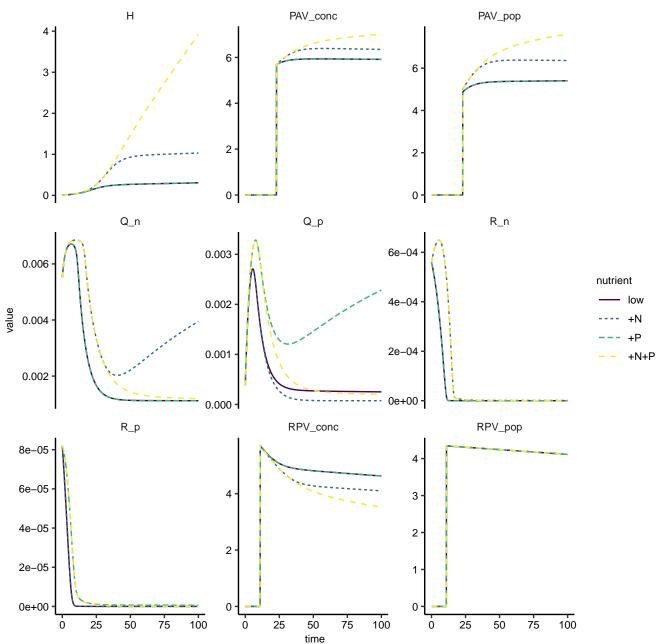
 $q_nc = 0.0177827941003892; z_nc = 3.16227766016838e-14$



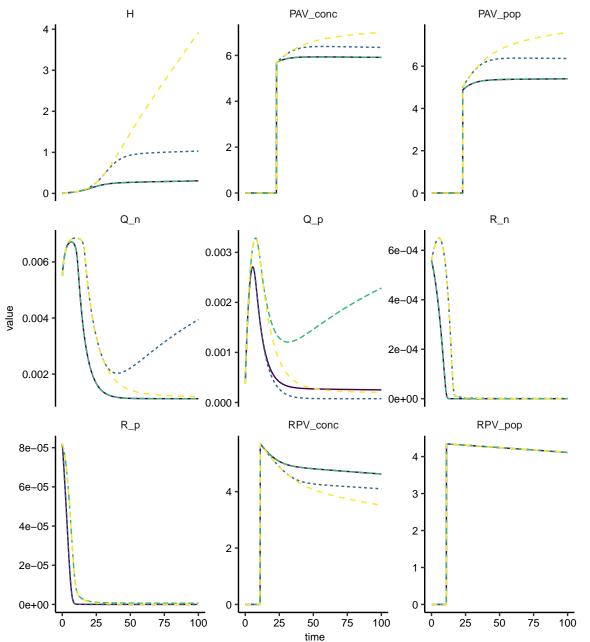
low

+N

q_nc = 0.0177827941003892; z_nc = 1e-09



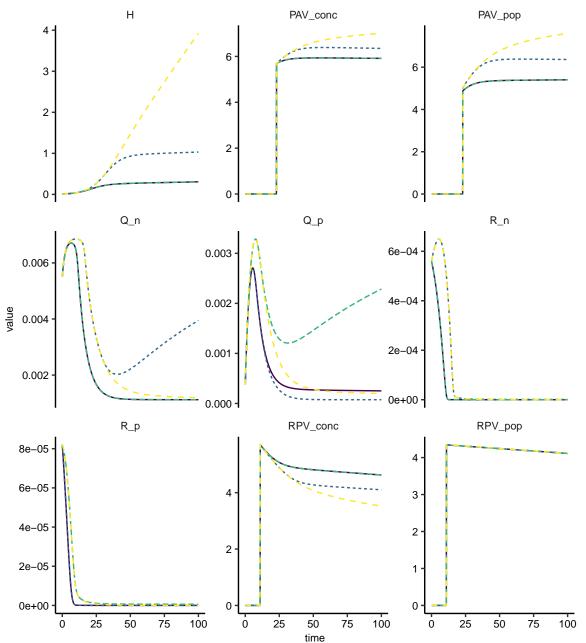
q_nc = 0.0177827941003892; z_nc = 3.16227766016838e-05



low

+N

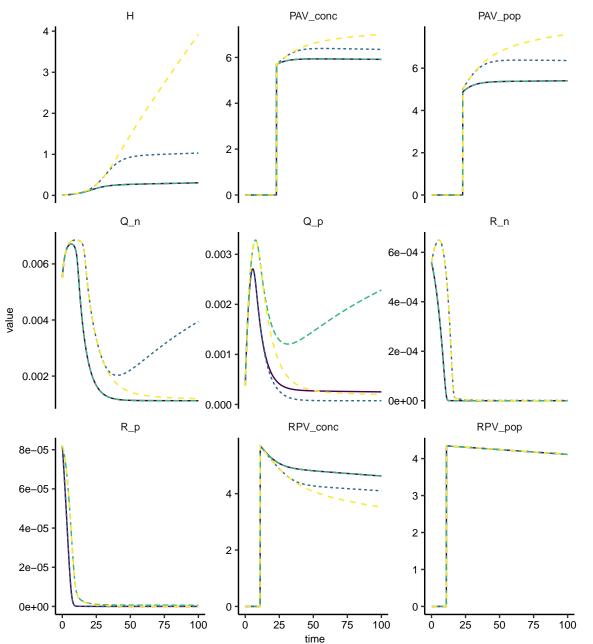
q_nc = 0.0177827941003892; z_nc = 1



low

+N

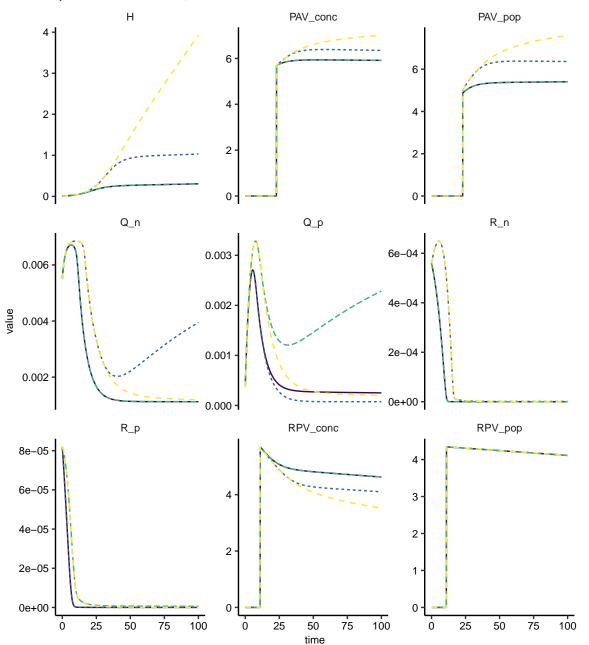
q_nc = 3.16227766016838; z_nc = 1e-18



low

+N

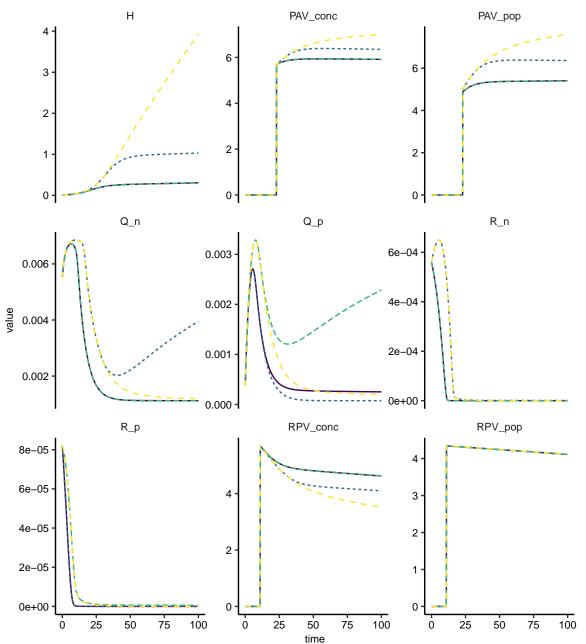
q_nc = 3.16227766016838; z_nc = 3.16227766016838e-14



low

+N

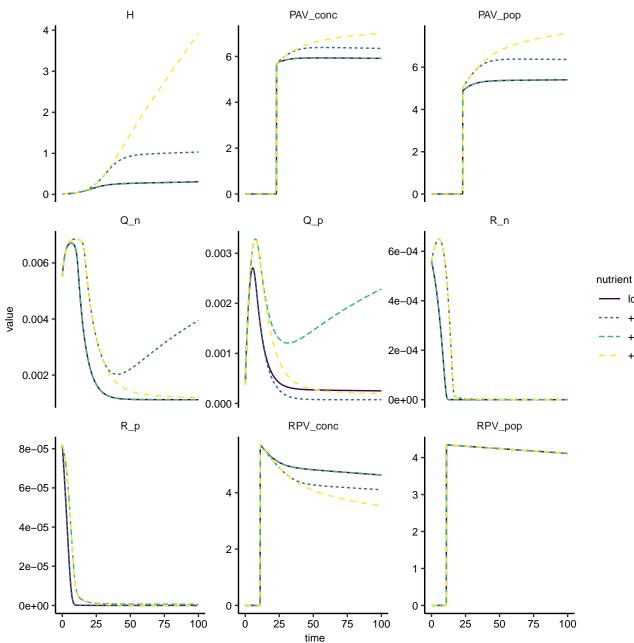
q_nc = 3.16227766016838; z_nc = 1e-09



low

+N

q_nc = 3.16227766016838; z_nc = 3.16227766016838e-05



low

+N

q_nc = 3.16227766016838; z_nc = 1 Н PAV_conc PAV_pop 4 -6 6 3 4 2 2 2 1 0 -Q_n Q_p R_n 0.003 0.006 nutrient low 4e-04 0.002 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 R_p RPV_conc RPV_pop 8e-05 6e-05 4 3 4e-05 2 2 2e-05 1

75

100

25

50

25

50

time

100

75

0e+00

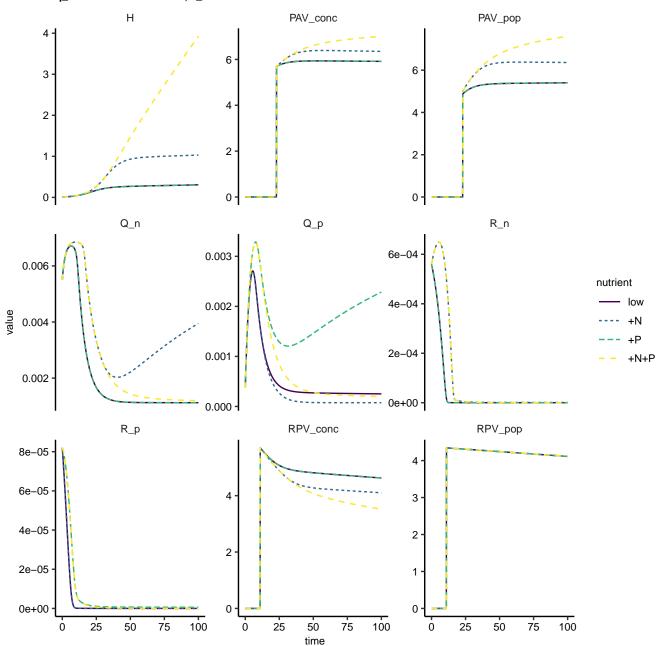
0

. 25 50

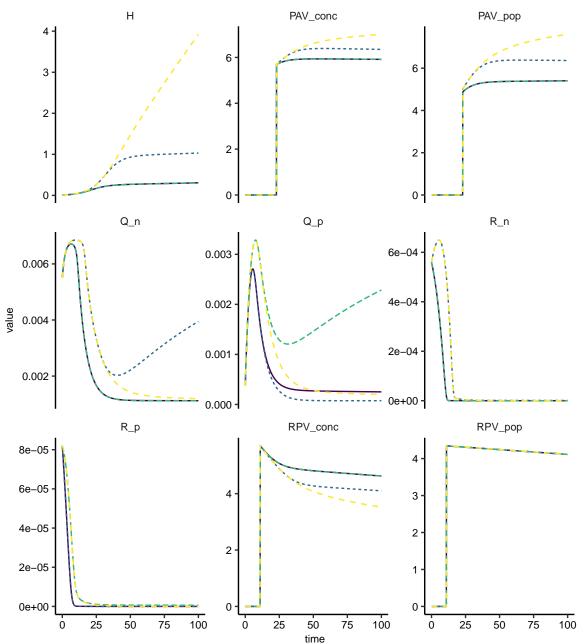
75

100

q_nc = 562.341325190349; z_nc = 1e-18



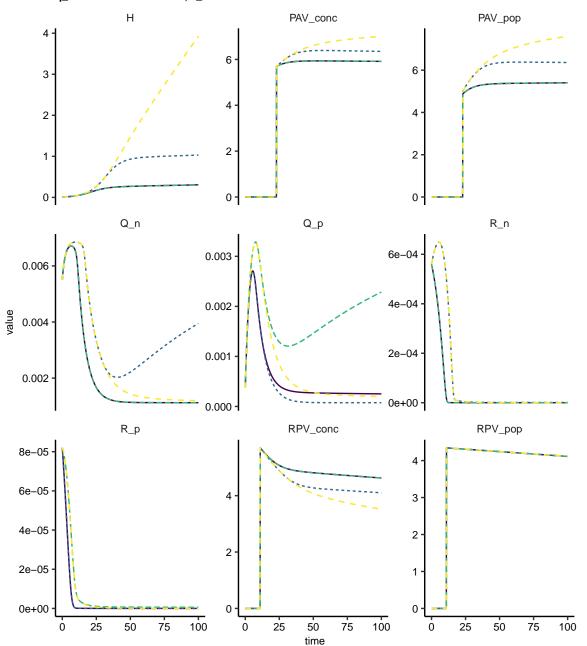
q_nc = 562.341325190349; z_nc = 3.16227766016838e-14



low

+N

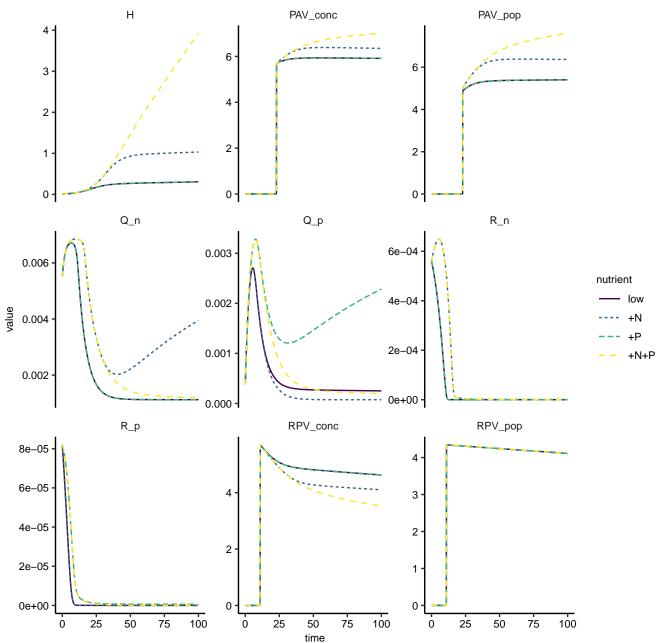
q_nc = 562.341325190349; z_nc = 1e-09



low

+N

q_nc = 562.341325190349; z_nc = 3.16227766016838e-05



q_nc = 562.341325190349; z_nc = 1 Н PAV_conc PAV_pop 4 -6 6 3 4 2 2 2 1 0 -Q_n Q_p R_n 0.003 0.006 nutrient low 4e-04 0.002 0.004 +N 2e-04 0.001 +N+P 0.002 0e+00 -0.000 R_p RPV_conc RPV_pop 8e-05 6e-05 4 3 4e-05 2 2

75

100

25

50

time

1

25

50

100

75

2e-05

0e+00

0

. 25 50

100

75

q_nc = 1e+05; z_nc = 1e-18 Н PAV_conc PAV_pop 4 -6 6 3 4 2 2 2 1 0 -Q_n Q_p R_n 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 6e-05 4 3 4e-05 2 2 2e-05 1

75

100

25

50

25

50

time

100

75

0e+00

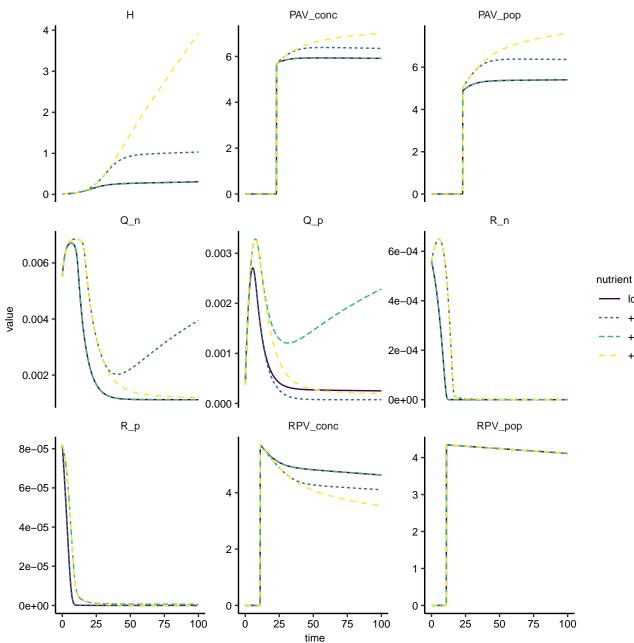
0

100

50

. 25 75

q_nc = 1e+05; z_nc = 3.16227766016838e-14



low

+N

q_nc = 1e+05; z_nc = 1e-09 Н PAV_conc PAV_pop 4 -6 6 3 4 2 2 2 1 0 -Q_n Q_p R_n 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 6e-05 4 3 4e-05 2 2 2e-05 1 0e+00

75

100

25

50

25

50

time

100

75

100

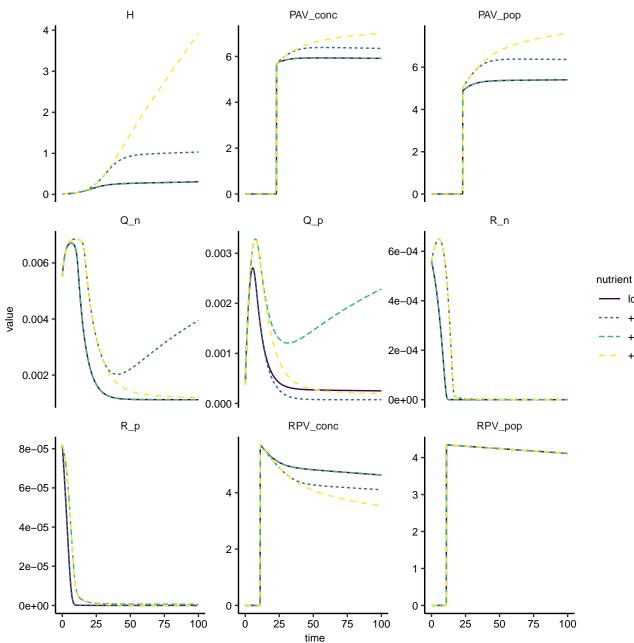
50

. 25

0

75

q_nc = 1e+05; z_nc = 3.16227766016838e-05



low

+N

q_nc = 1e+05; z_nc = 1 Н PAV_conc PAV_pop 4 -6 6 3 4 2 2 2 1 0 -Q_n Q_p R_n 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 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

time