a_n_lo = 1e-13; a_p_lo = 1e-13 Н PAV_conc PAV_pop 4 -6 6 3 4 2 · 2 2 1 0 -Q_n Q_p R_n 0.0100 -0.008 nutrient 0.0075 0.006 low 4e-04 value 0.0050 -+N 0.004 2e-04 +N+P 0.002 -0.0025 0.000 -0e+00 · R_p RPV_conc RPV_pop 10.0 -8e-05 7.5 -7.5 6e-05 5.0 -5.0 4e-05 2.5 -2.5 2e-05

0.0

25

100

75

50

0e+00

Ö

25

0.0

25

50

75

100

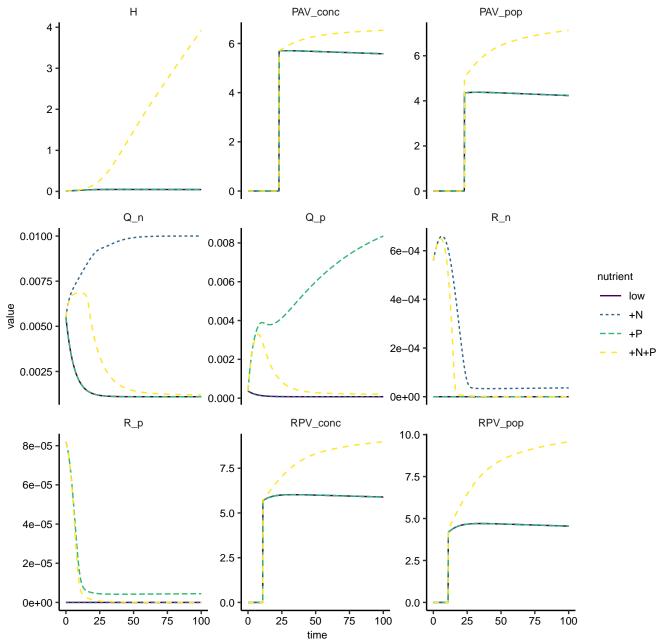
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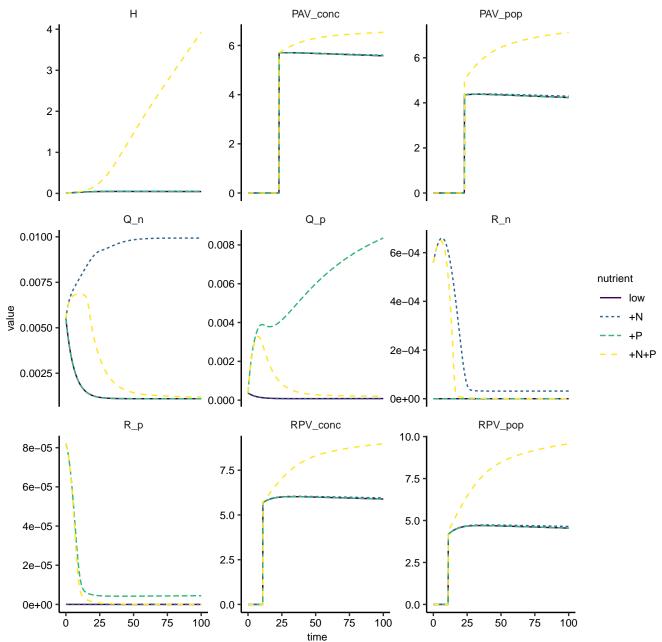
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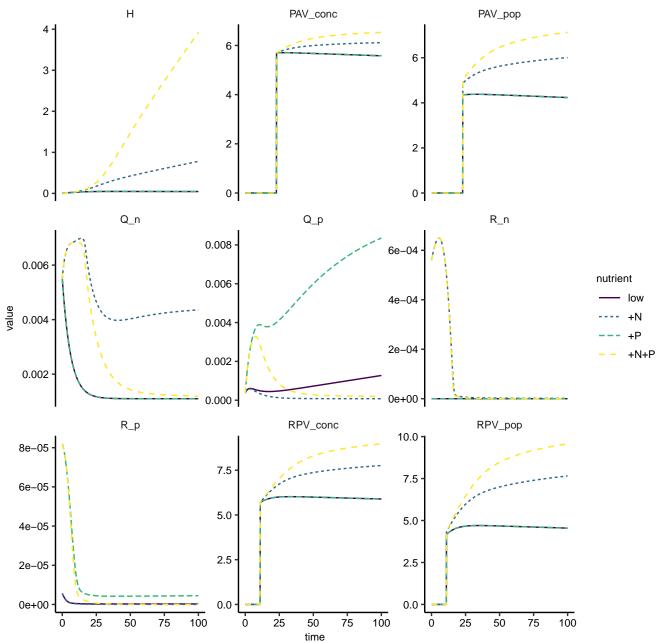
a_n_lo = 1e-13; a_p_lo = 1.77827941003892e-11



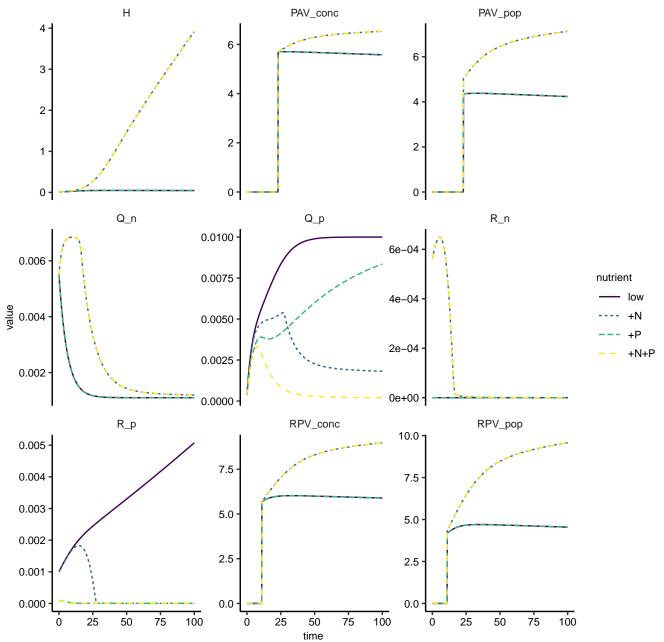
a_n_lo = 1e-13; a_p_lo = 3.16227766016838e-09



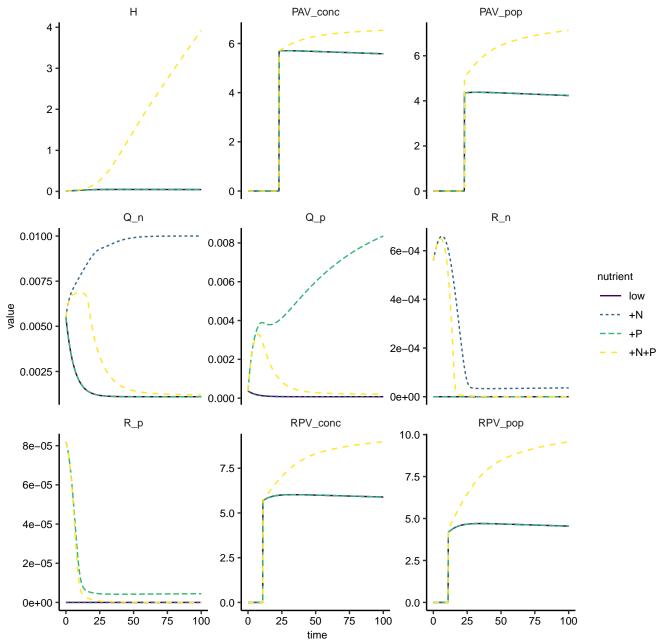
a_n_lo = 1e-13; a_p_lo = 5.62341325190349e-07



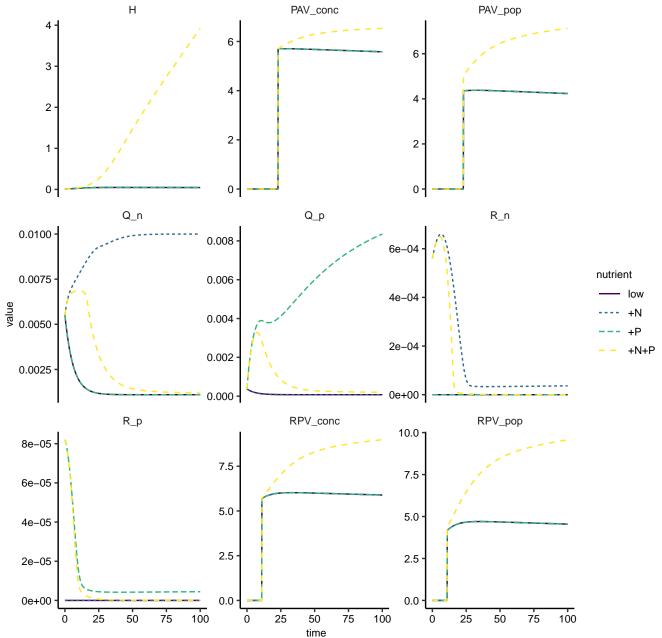
a_n_lo = 1e-13; a_p_lo = 1e-04



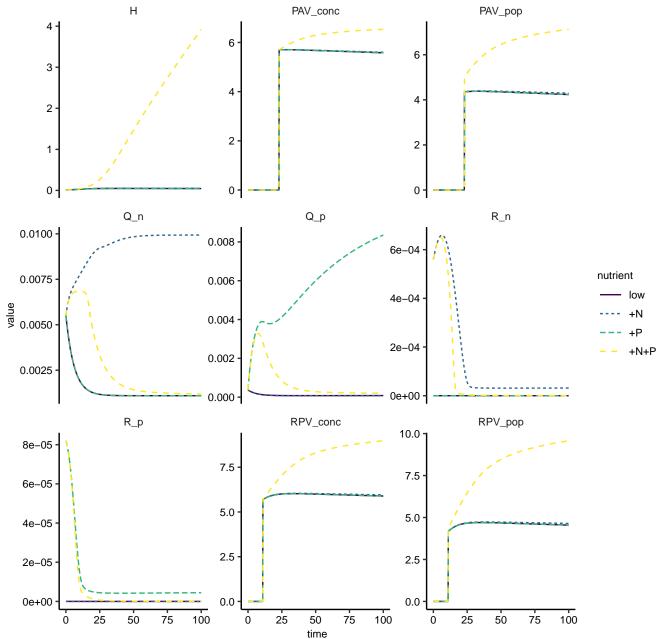
a_n_lo = 1.77827941003892e-11; a_p_lo = 1e-13



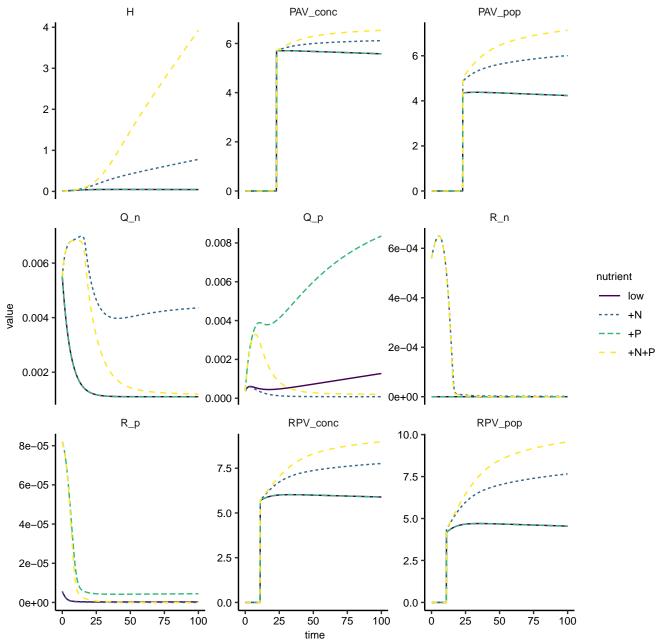
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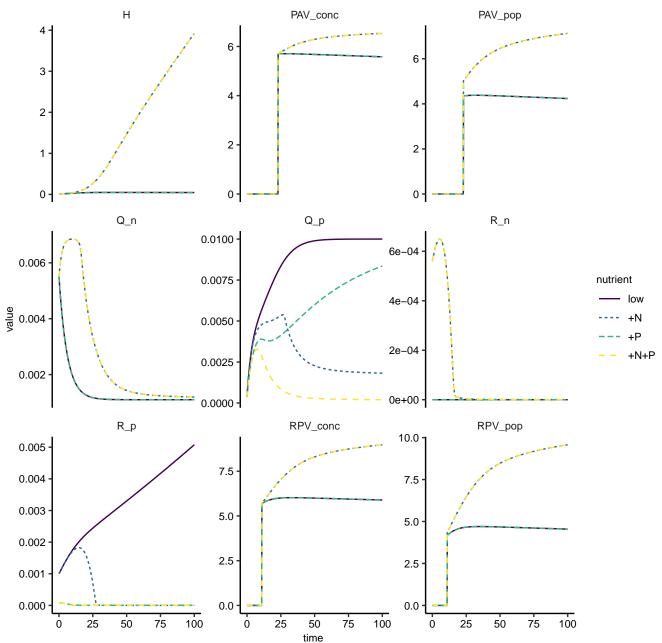
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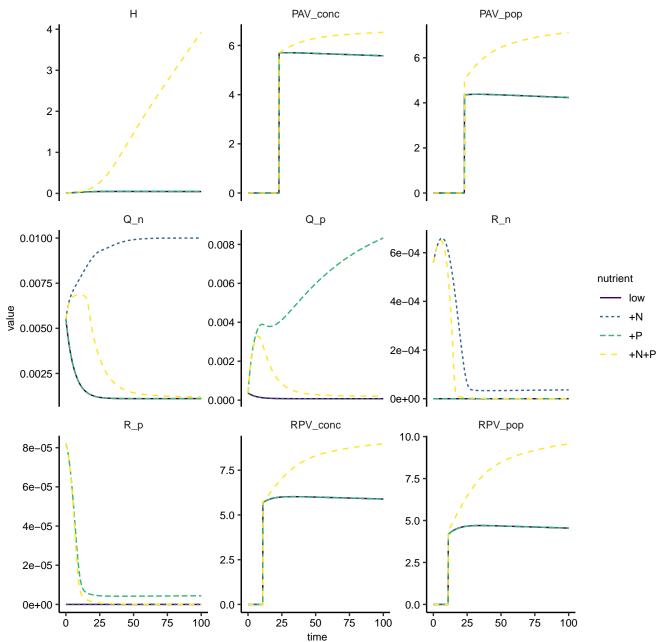
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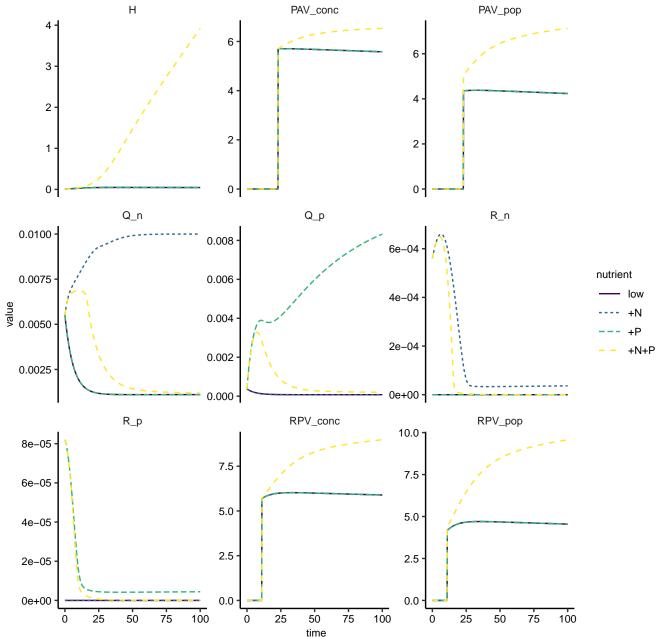
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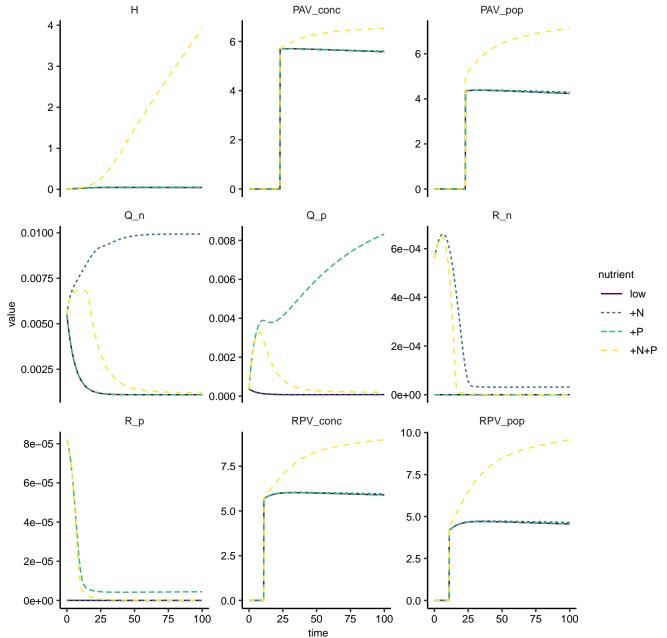
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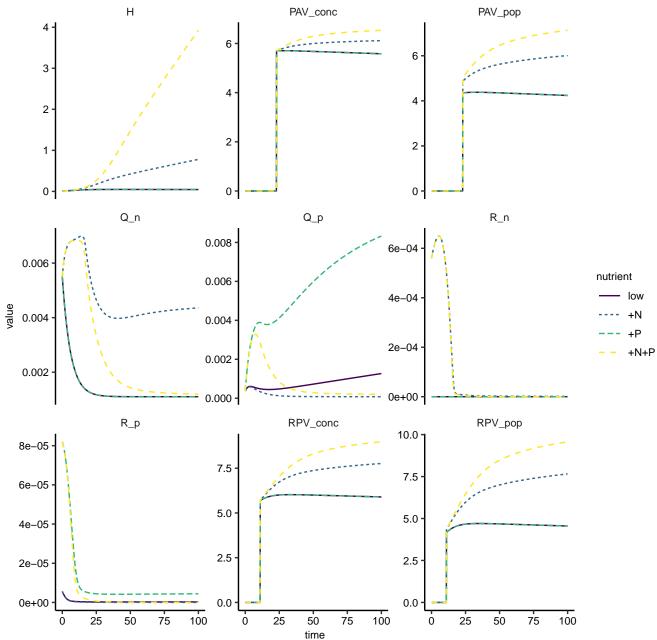
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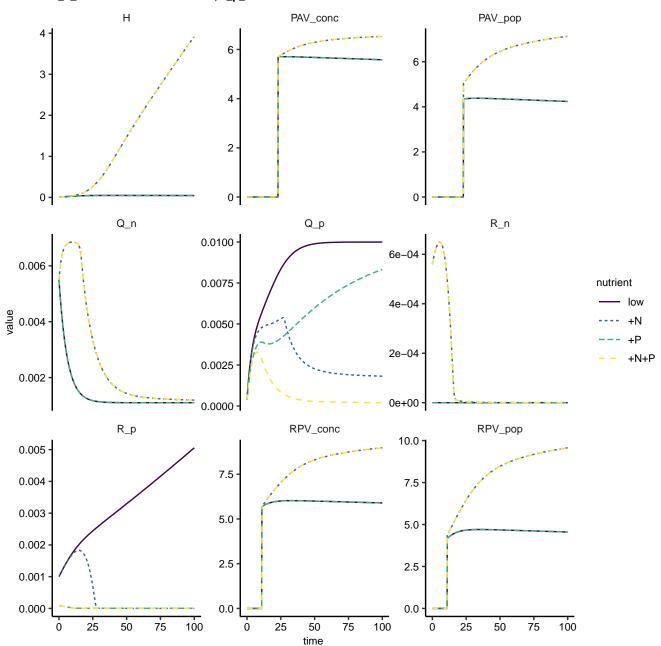
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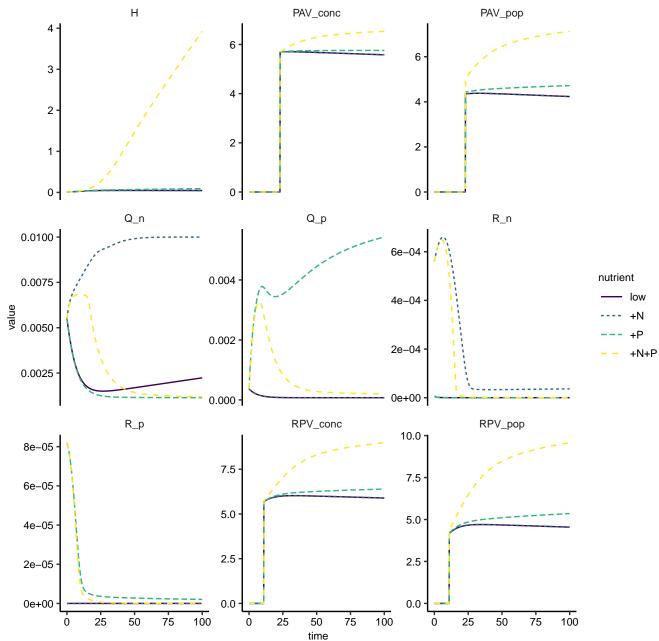
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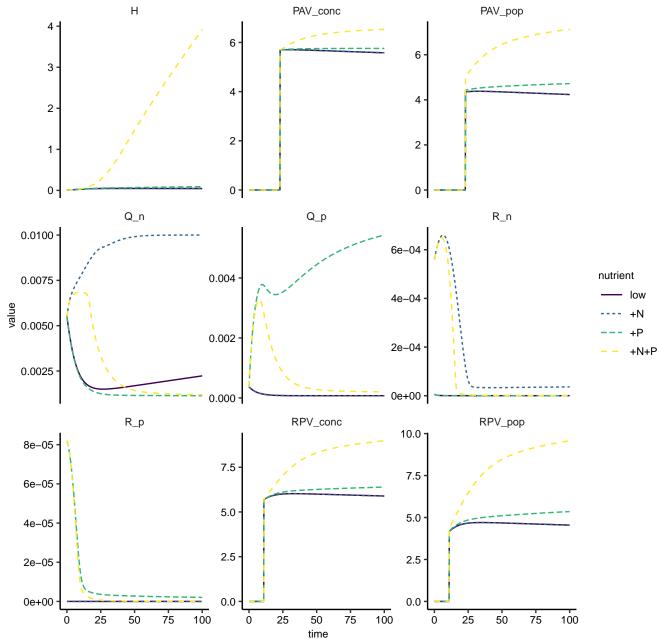
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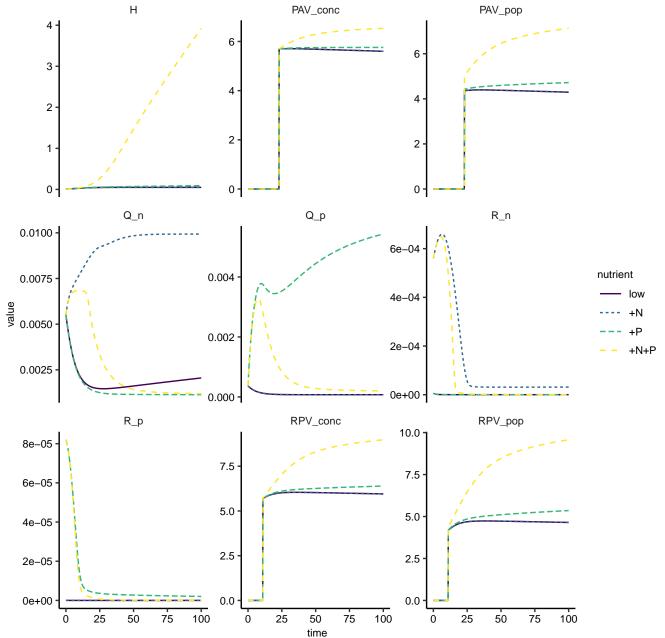
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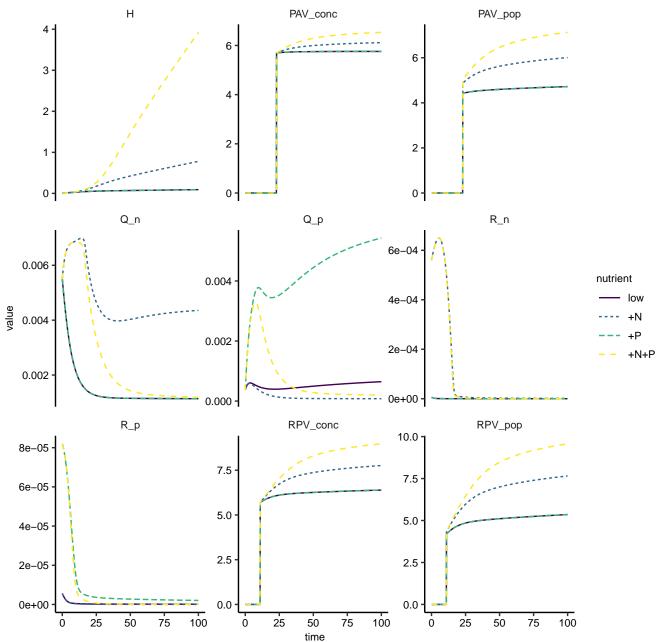
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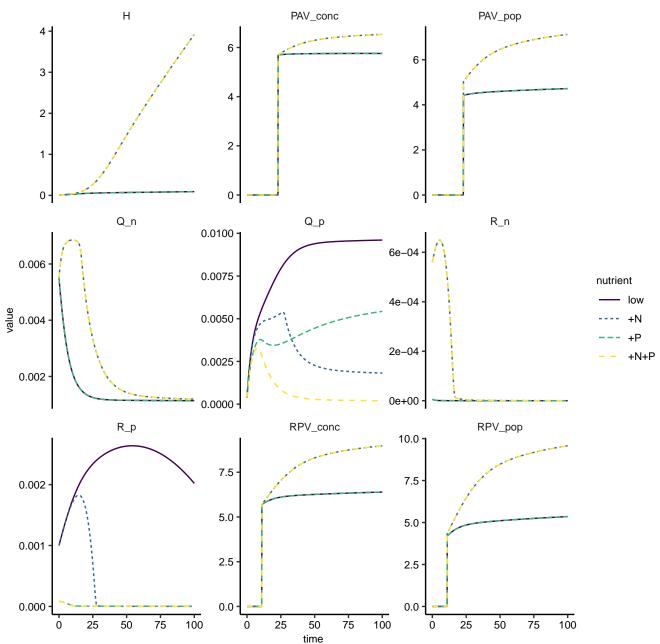
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a_n_lo = 5.62341325190349e-07; a_p_lo = 5.62341325190349e-07



a_n_lo = 5.62341325190349e-07; a_p_lo = 1e-04



a_n_lo = 1e-04; a_p_lo = 1e-13 Н PAV_conc PAV_pop 6 6 4 4 2 2 2 0 -Q_n Q_p R_n 0.0100 -0.0015 -0.003 nutrient 0.0075 0.0010 0.002 e value valu 0.0005 0.001 +N+P 0.0025 0.0000 -0.000 R_p RPV_conc RPV_pop 10.0 8e-05 7.5 6e-05 · 7.5 5.0 4e-05 5.0 2.5 2e-05 2.5

0.0

25

50

75

100

75

100

0.0

25

50

time

100

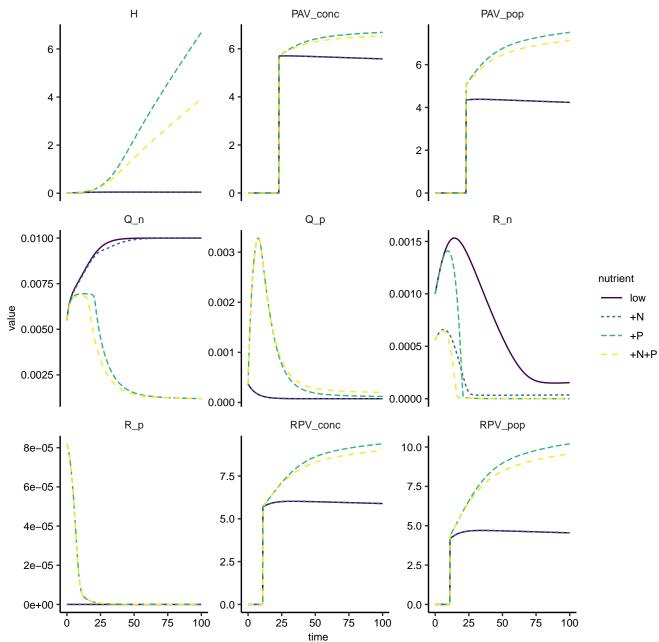
0e+00

Ö

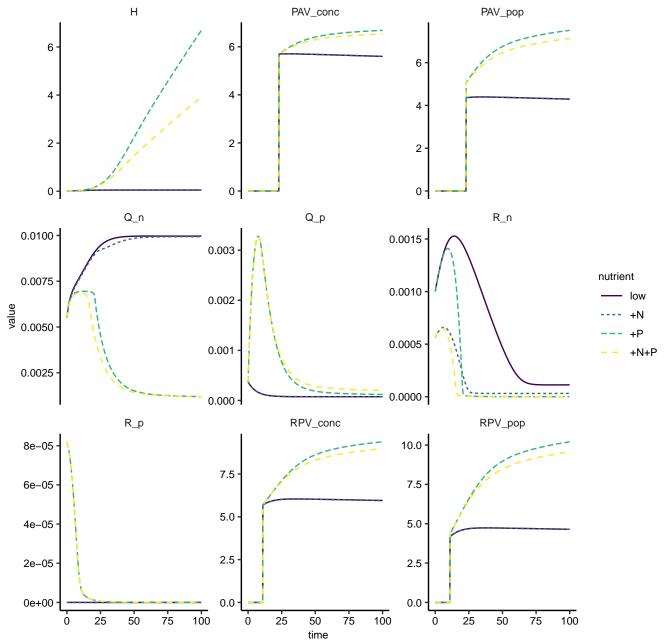
. 25 50

75

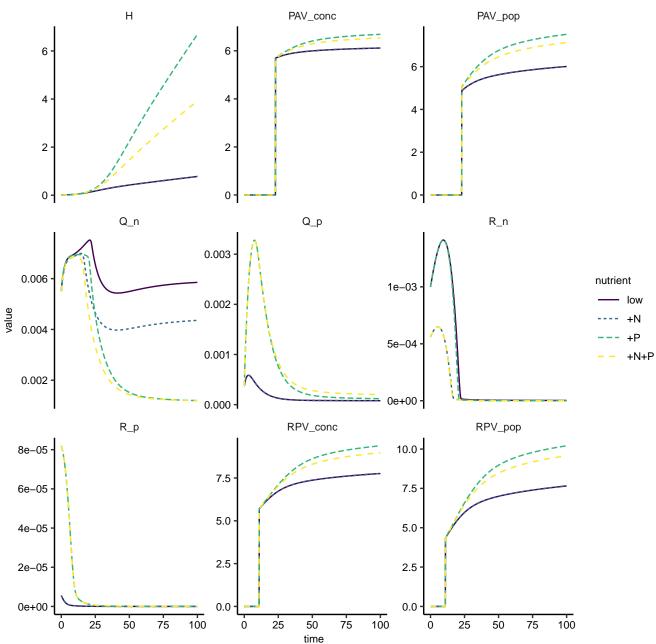
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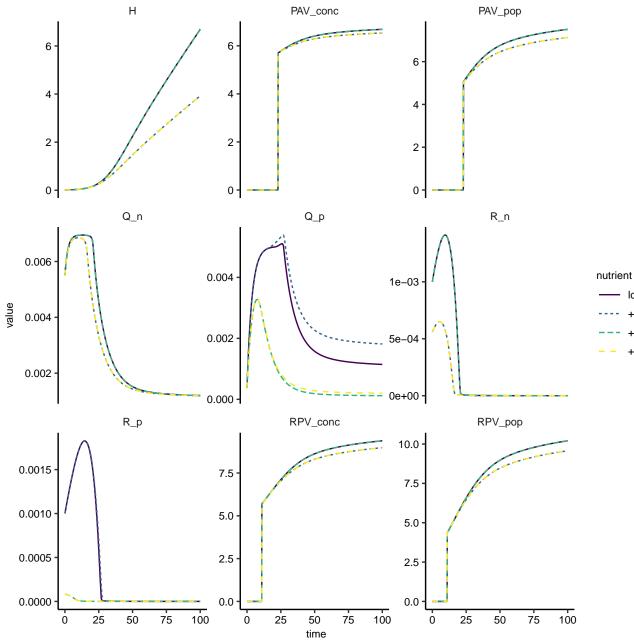
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a_n_lo = 1e-04; a_p_lo = 5.62341325190349e-07



a_n_lo = 1e-04; a_p_lo = 1e-04



low

+N+P