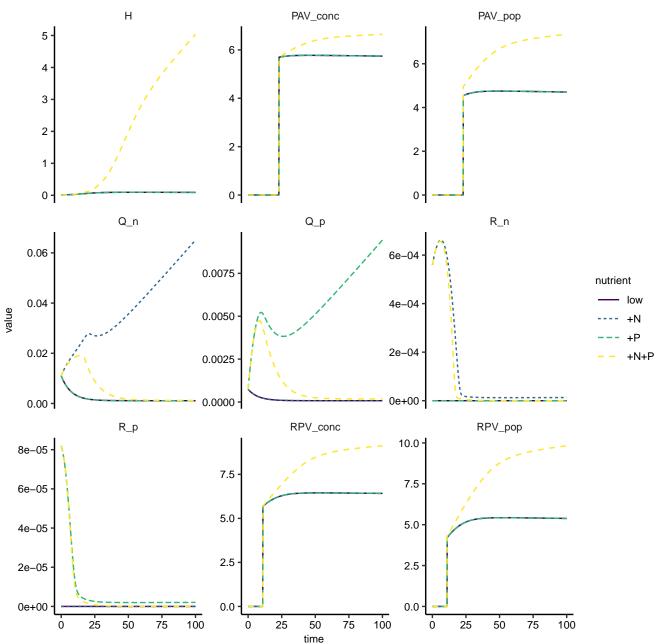
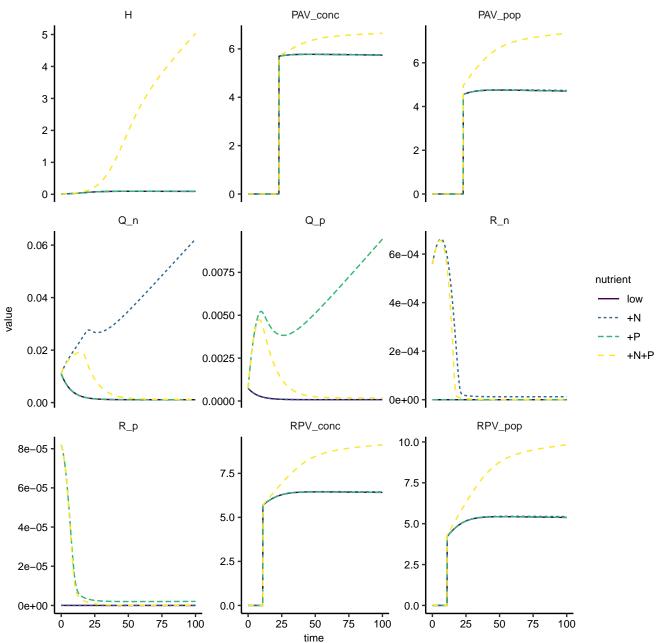
a_n_lo = 1e-13; a_p_lo = 1e-13 Н PAV_conc PAV_pop 5 -6 6 4 3 4 4 2 2 2 · 1 0 -Q_n Q_p R_n 0.06 0.0075 nutrient low 0.04 4e-04 value 0.0050 +N 0.02 2e-04 +N+P 0.0025 0.0000 0e+00 0.00 RPV_conc R_p RPV_pop 10.0 -8e-05 7.5 -7.5 6e-05 5.0 -5.0 4e-05 2.5 -2.5 2e-05 0e+00 0.0 0.0 25 50 75 100 50 75 100 25 50 75 100 0 25

time

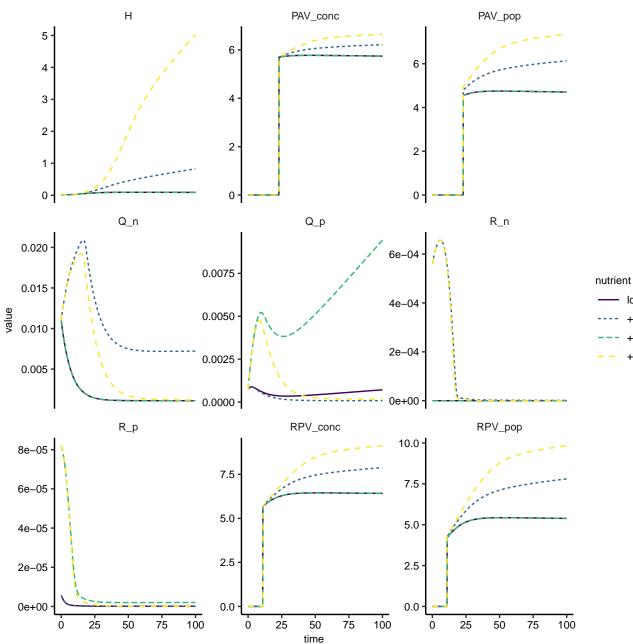
a_n_lo = 1e-13; a_p_lo = 1.77827941003892e-11



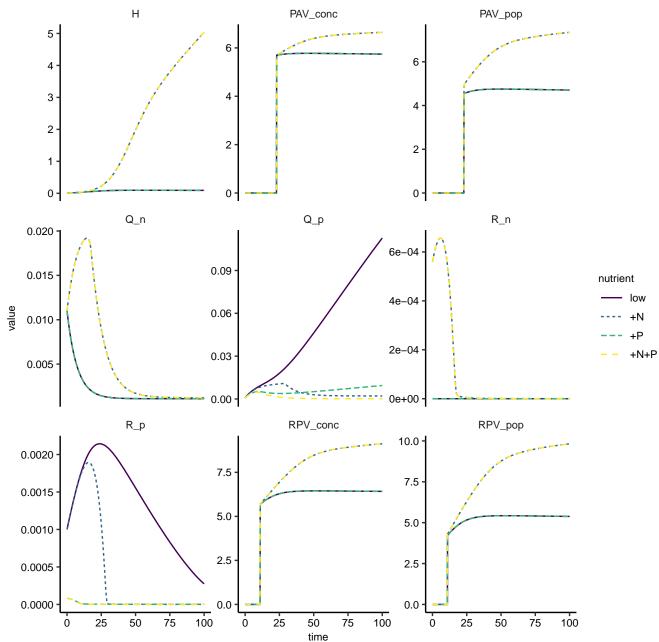
a_n_lo = 1e-13; a_p_lo = 3.16227766016838e-09



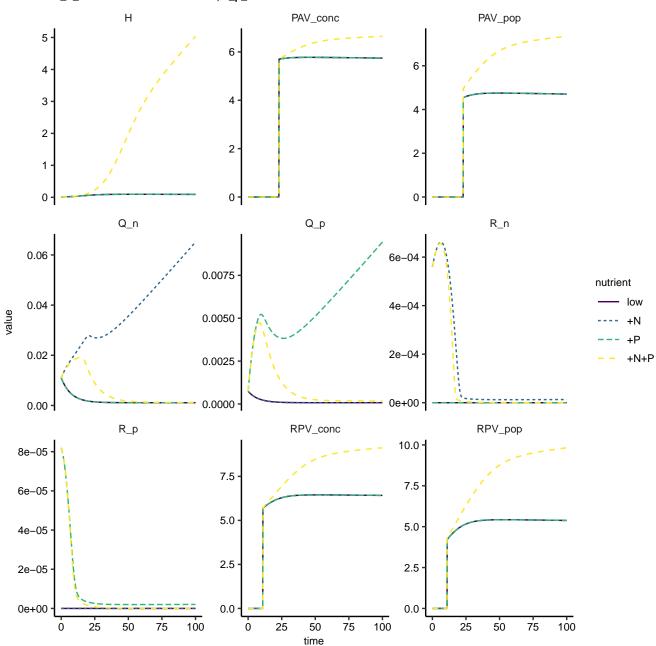
a_n_lo = 1e-13; a_p_lo = 5.62341325190349e-07



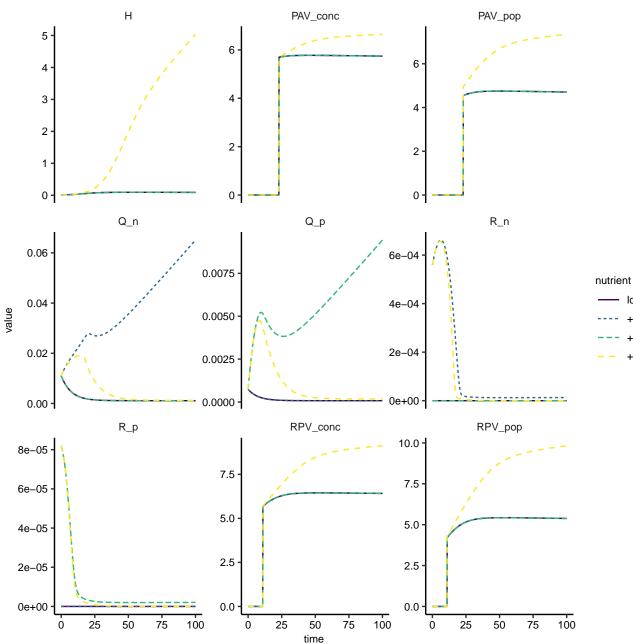
a_n_lo = 1e-13; a_p_lo = 1e-04



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

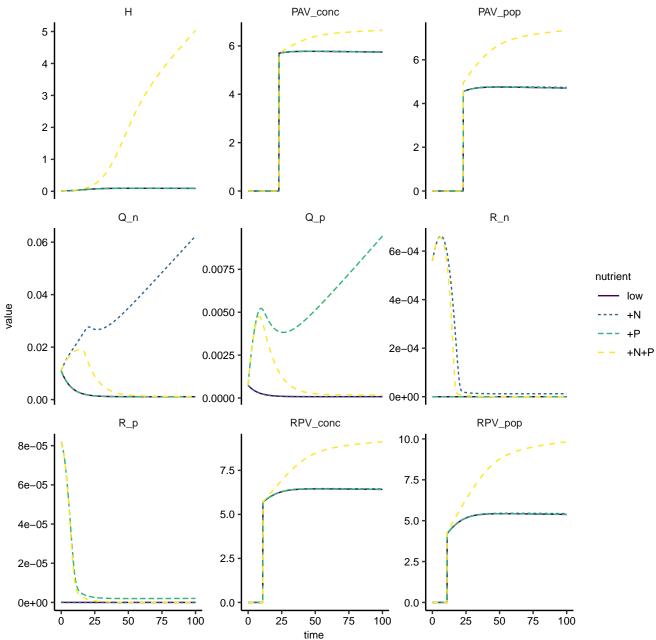


a_n_lo = 1.77827941003892e-11; a_p_lo = 1.77827941003892e-11

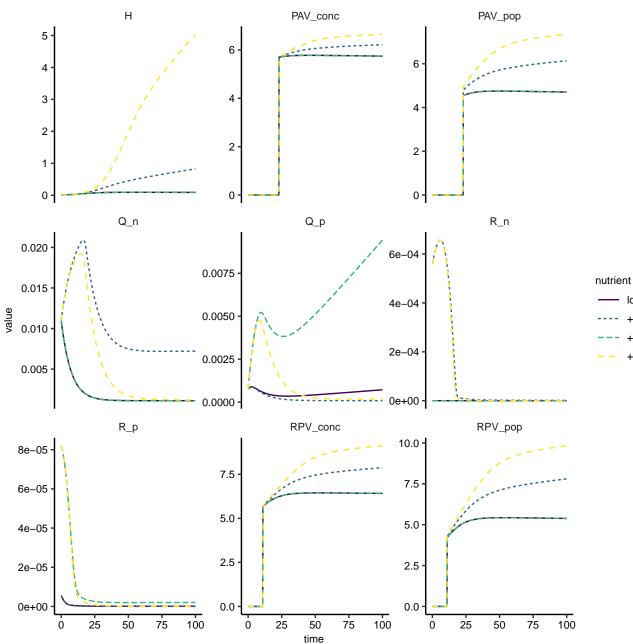


+N

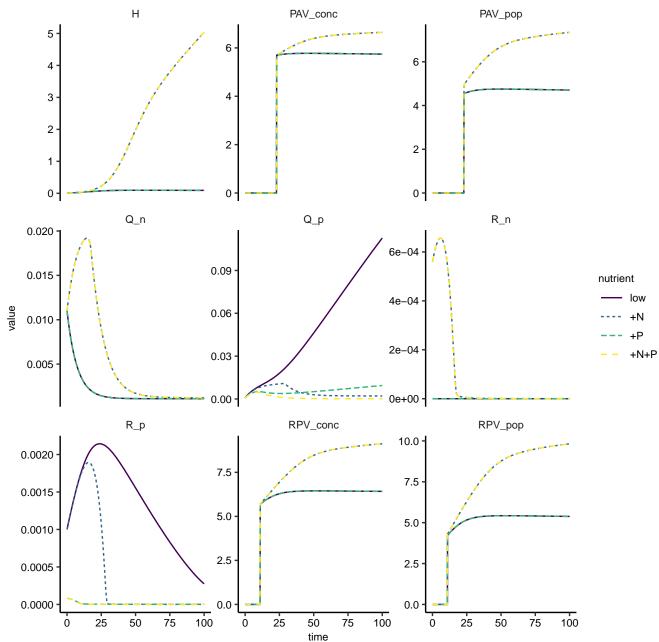
a_n_lo = 1.77827941003892e-11; a_p_lo = 3.16227766016838e-09



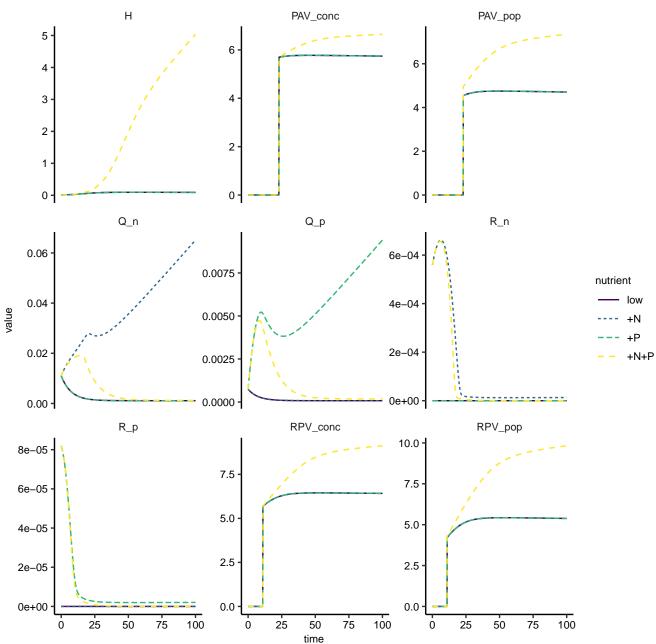
a_n_lo = 1.77827941003892e-11; a_p_lo = 5.62341325190349e-07



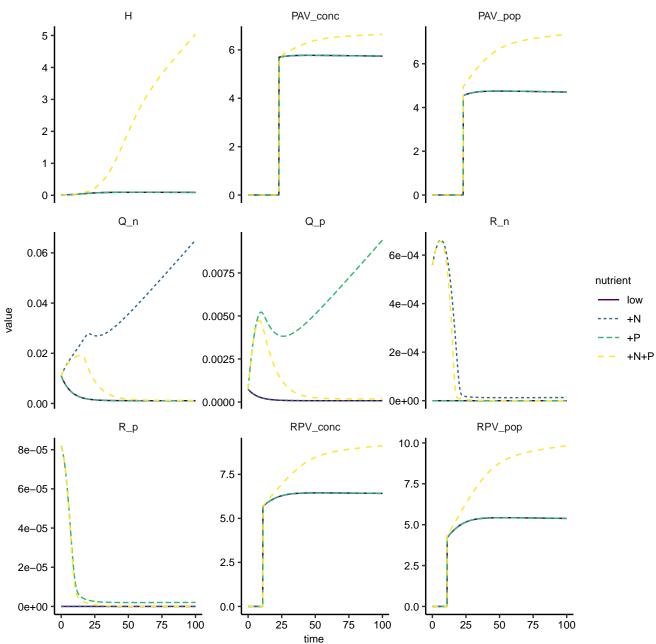
 $a_n_{lo} = 1.77827941003892e-11; a_p_{lo} = 1e-04$



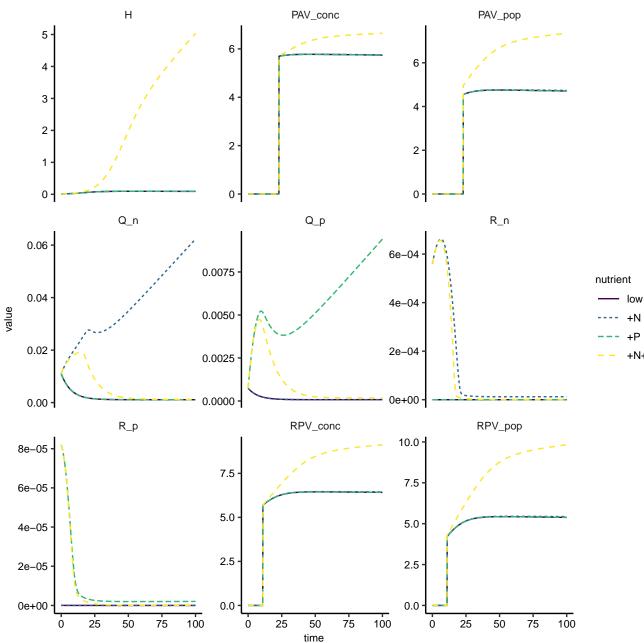
a_n_lo = 3.16227766016838e-09; a_p_lo = 1e-13



a_n_lo = 3.16227766016838e-09; a_p_lo = 1.77827941003892e-11

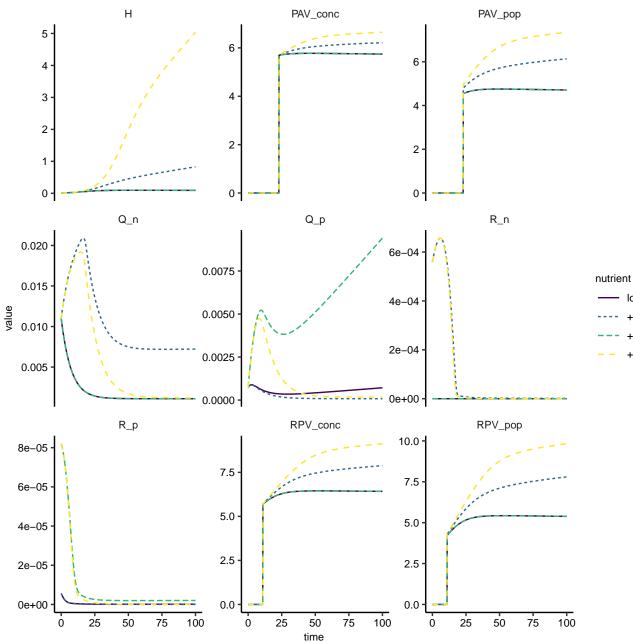


a_n_lo = 3.16227766016838e-09; a_p_lo = 3.16227766016838e-09

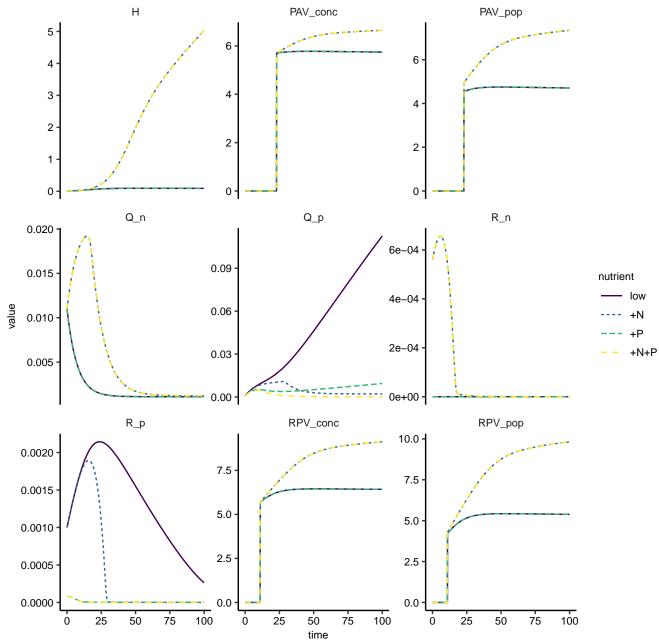


+N

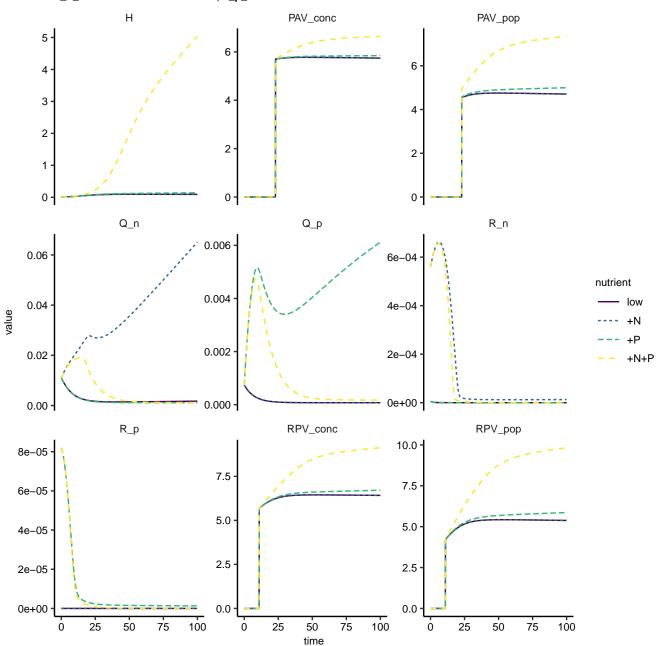
a_n_lo = 3.16227766016838e-09; a_p_lo = 5.62341325190349e-07



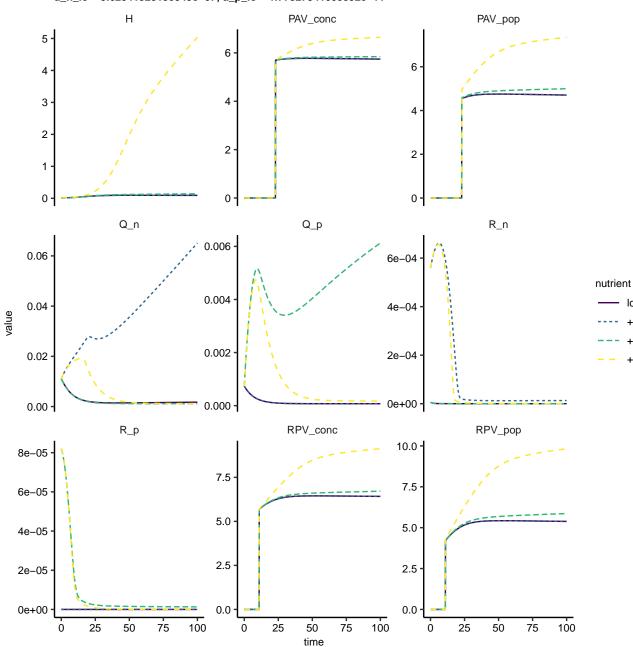
a_n_lo = 3.16227766016838e-09; a_p_lo = 1e-04



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

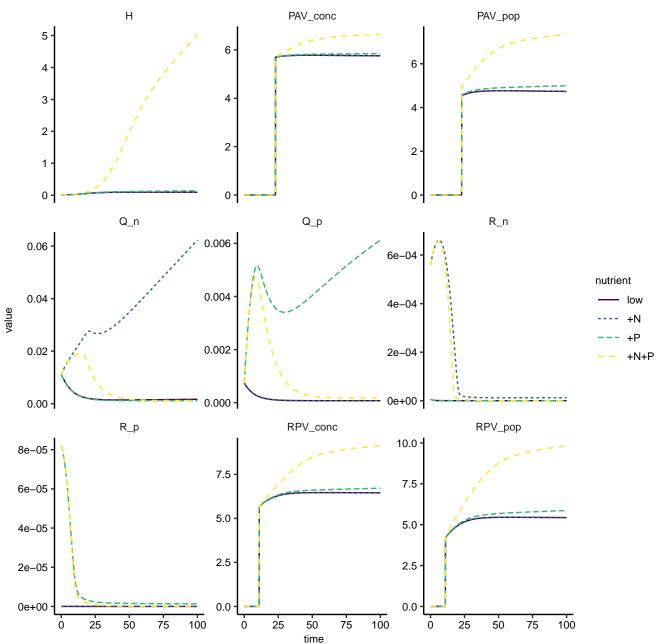


a_n_lo = 5.62341325190349e-07; a_p_lo = 1.77827941003892e-11

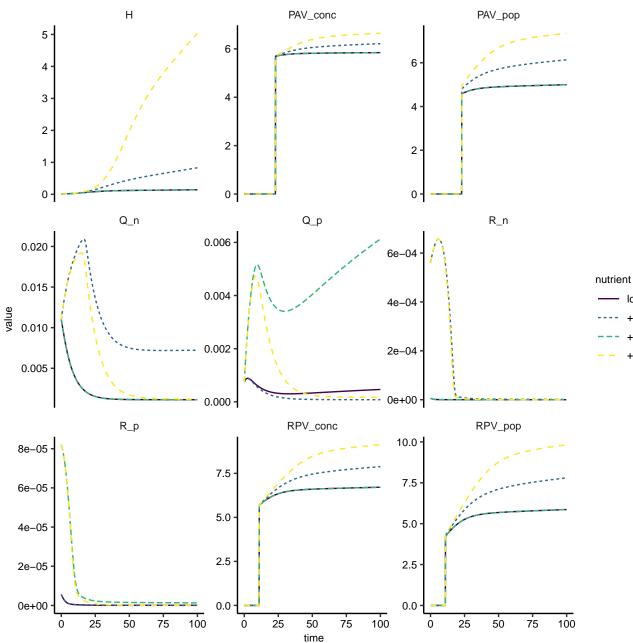


+N

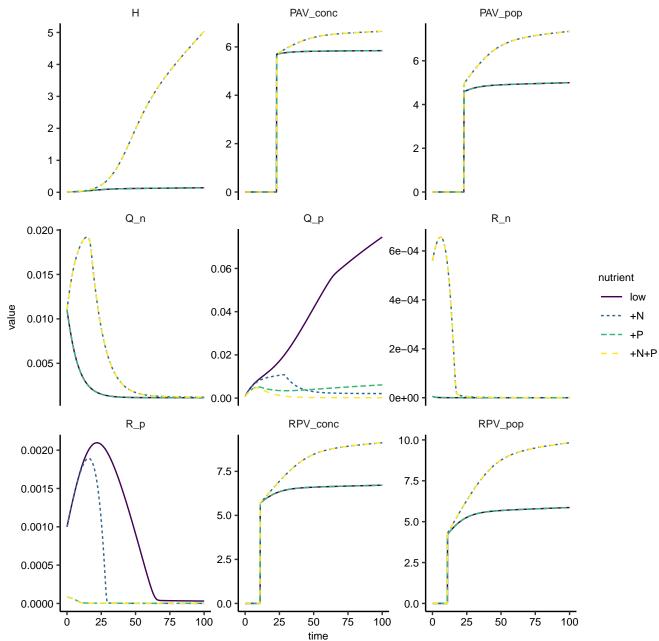
a_n_lo = 5.62341325190349e-07; a_p_lo = 3.16227766016838e-09



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 8 + 6 7.5 6 5.0 4 2 2.5 2 0.0 -0 Q_n R_n Q_p 0.12 -0.0015 -0.004 0.09 nutrient 0.0010 0.003 low value 0.06 +N 0.002 0.0005 +N+P 0.03 0.001 0.00 -0.0000 -0.000 -R_p RPV_conc RPV_pop 10.0 -8e-05 10.0 7.5 6e-05 7.5 5.0 -4e-05 5.0 2.5 -2e-05 2.5

0.0

25

100

75

50

75

100

50

time

0.0

25

100

50

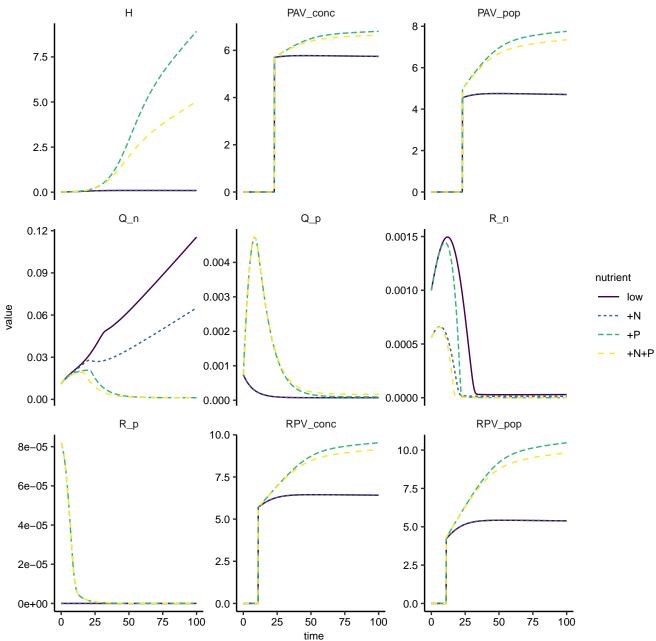
75

0e+00

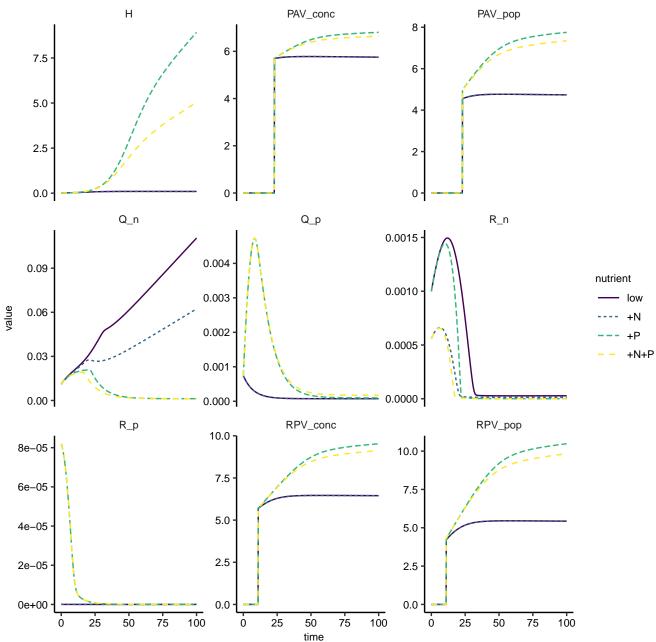
0

. 25

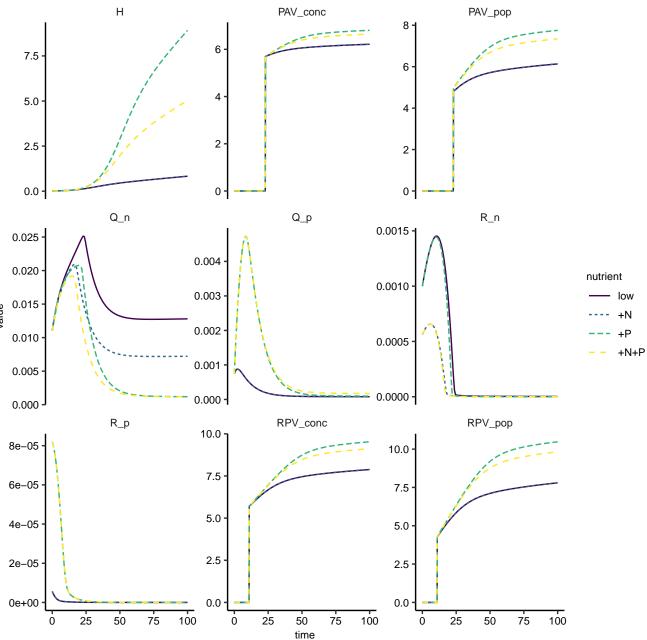
a_n_lo = 1e-04; a_p_lo = 1.77827941003892e-11



a_n_lo = 1e-04; a_p_lo = 3.16227766016838e-09



 $a_n_0 = 1e-04$; $a_p_0 = 5.62341325190349e-07$



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

