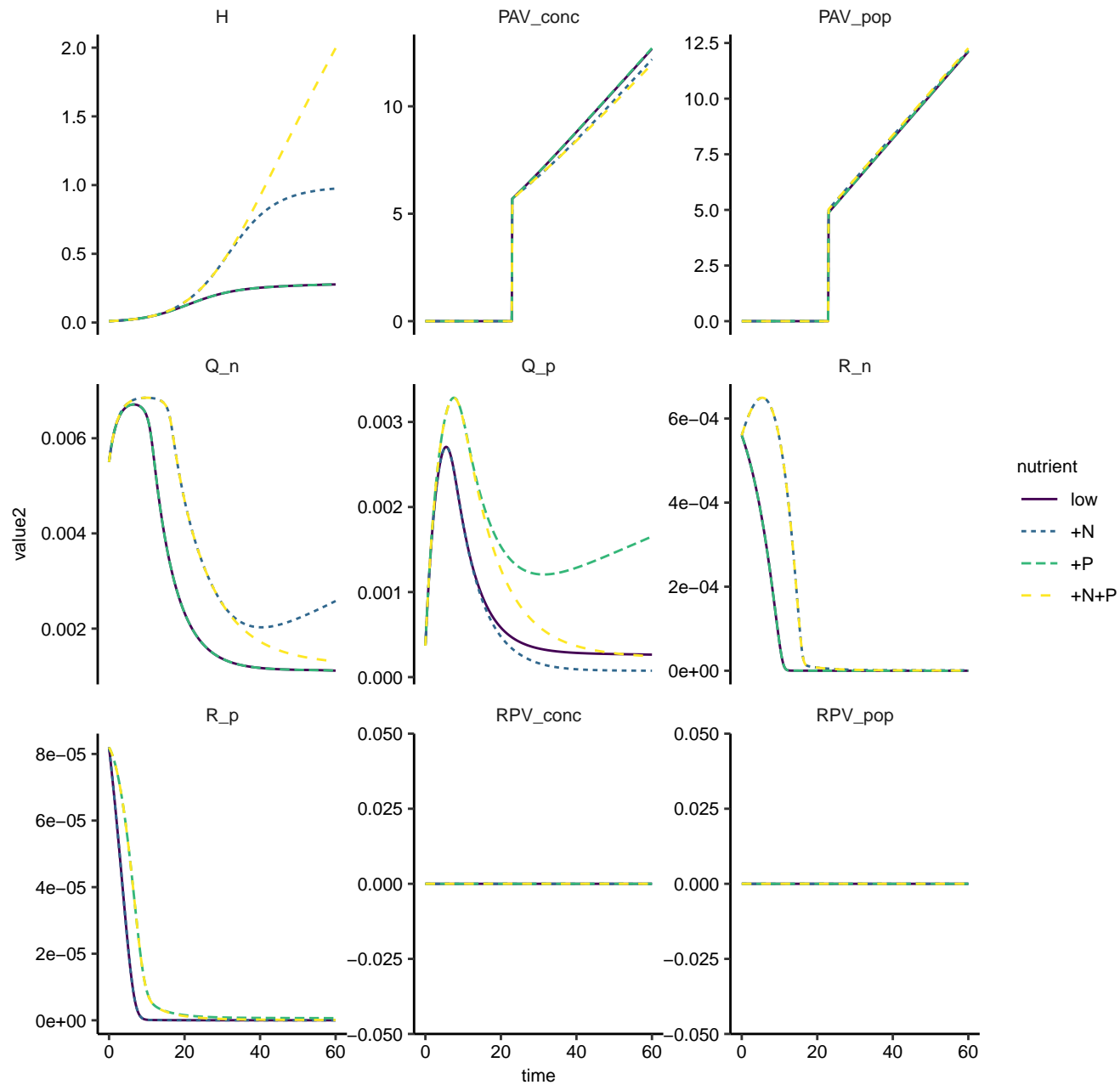
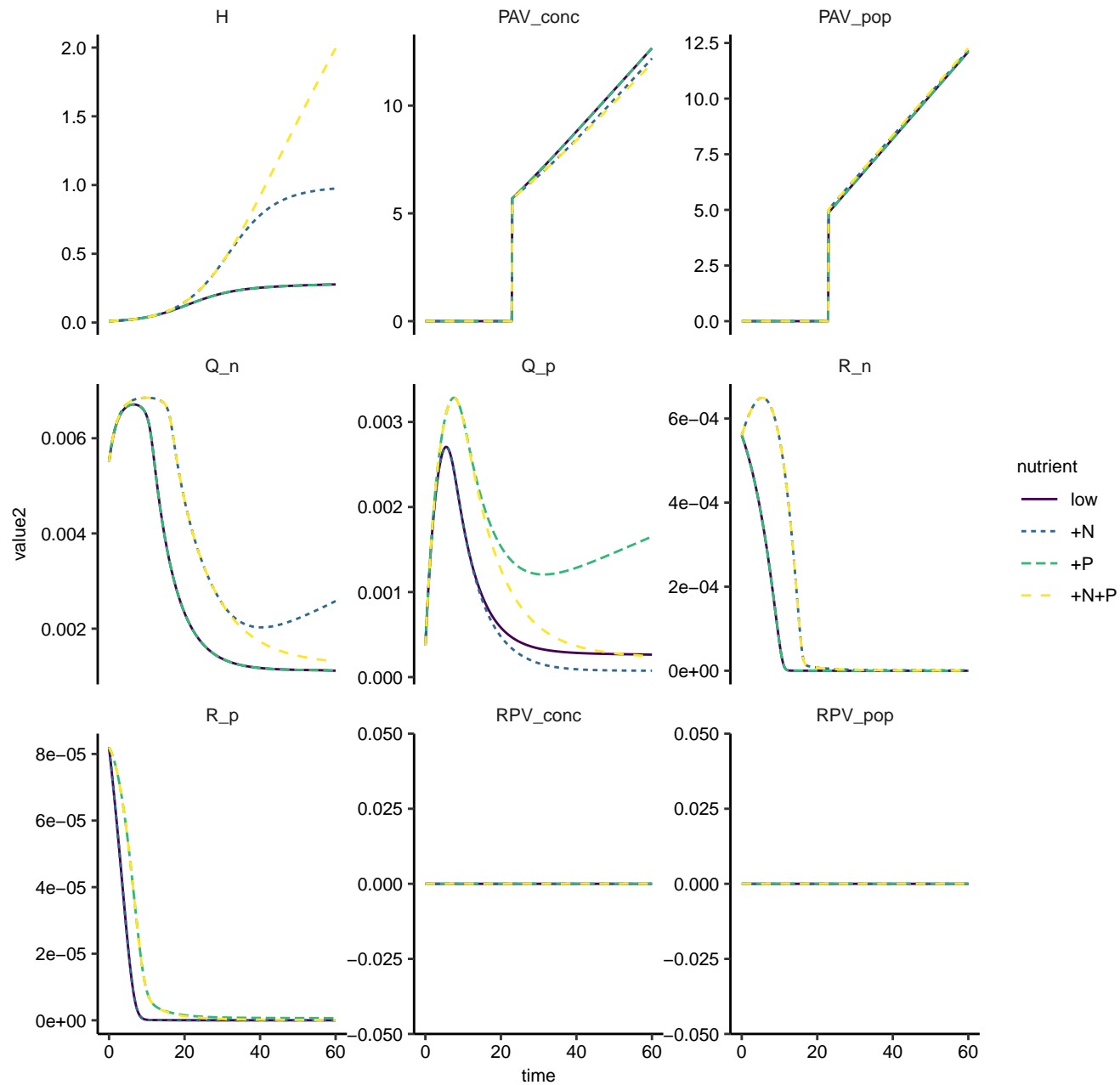


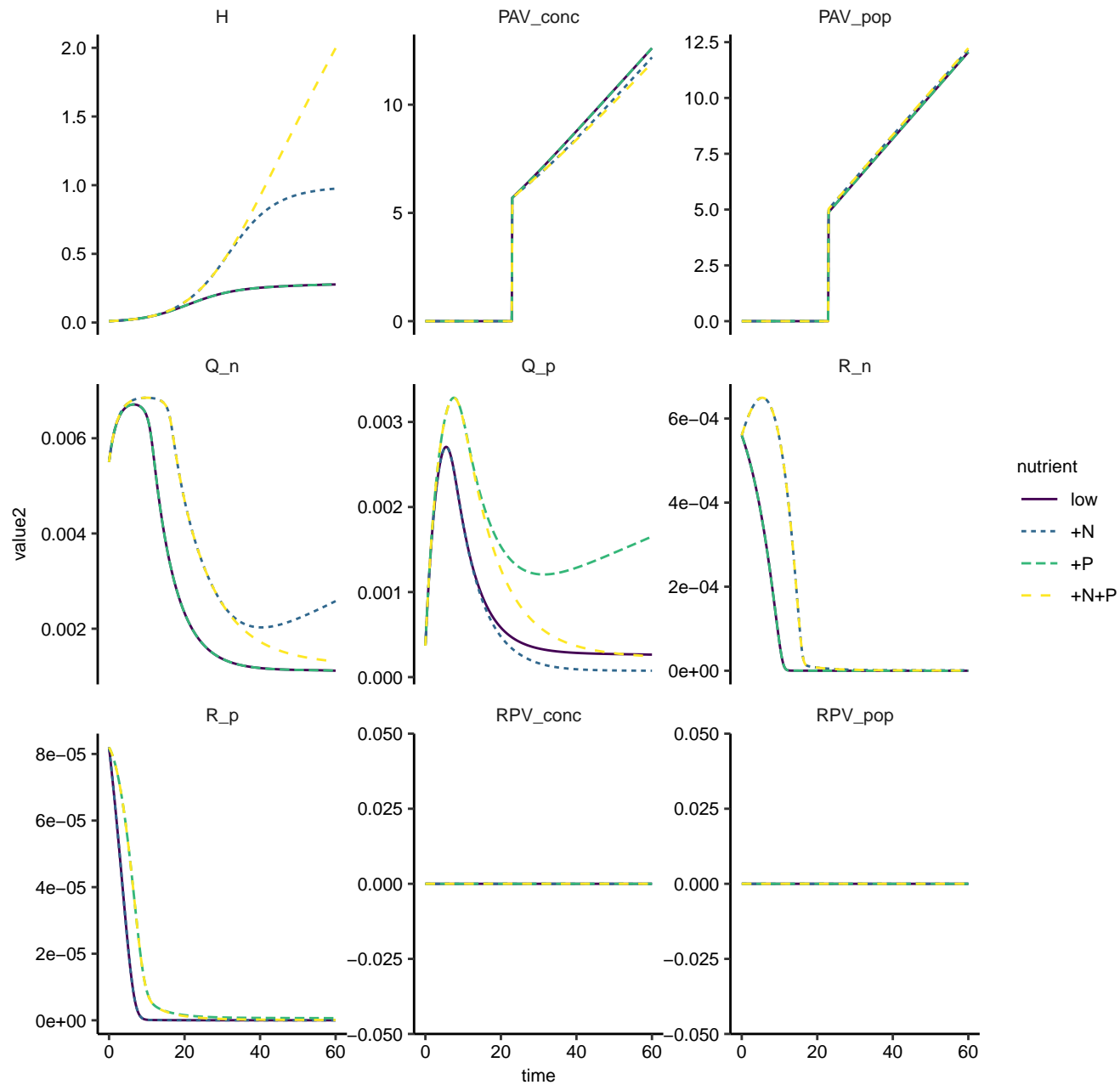
$q_{nb} = 1e-06$; $q_{pb} = 1e-06$



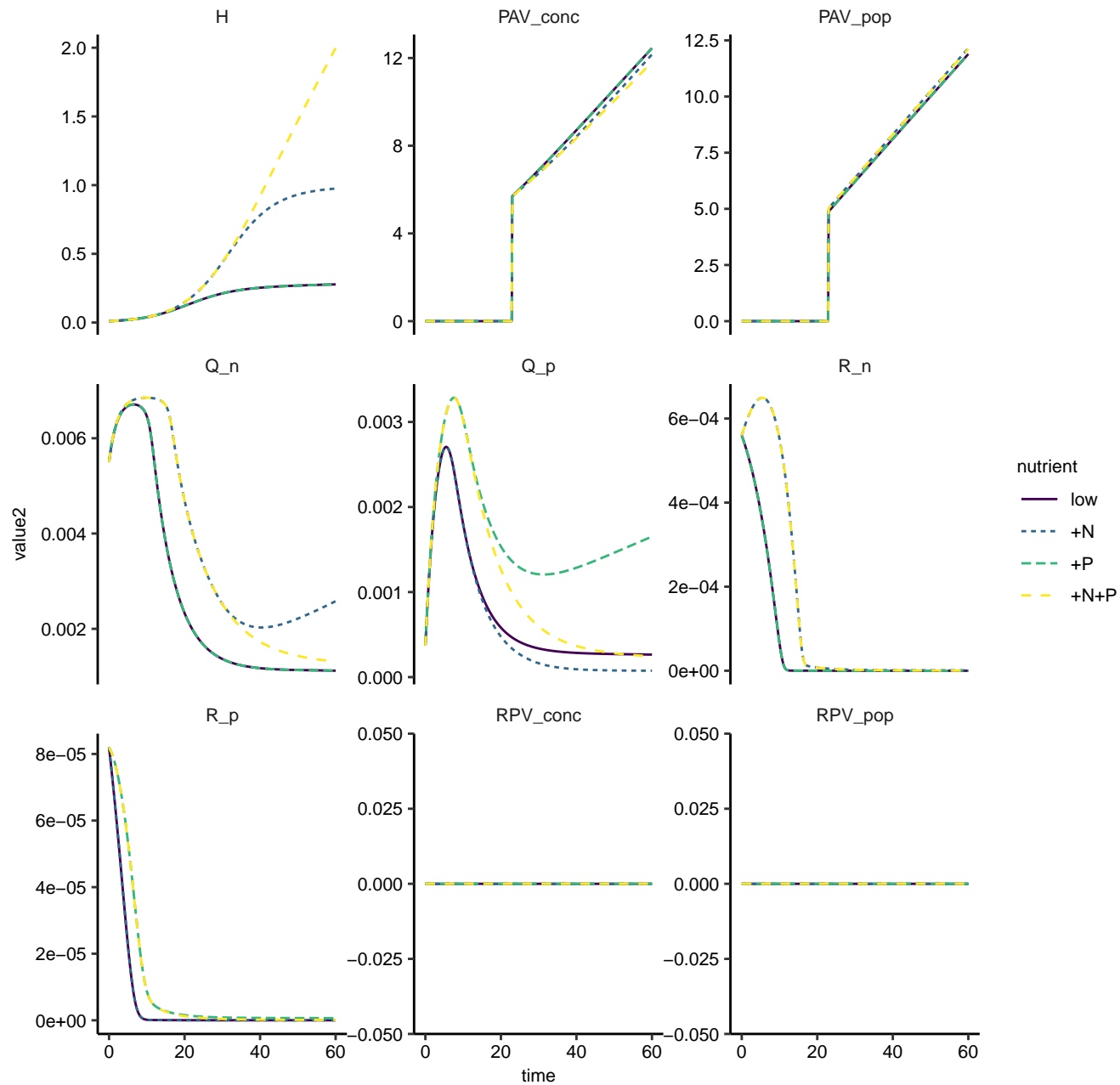
$q_{nb} = 5e-06$; $q_{pb} = 1e-06$



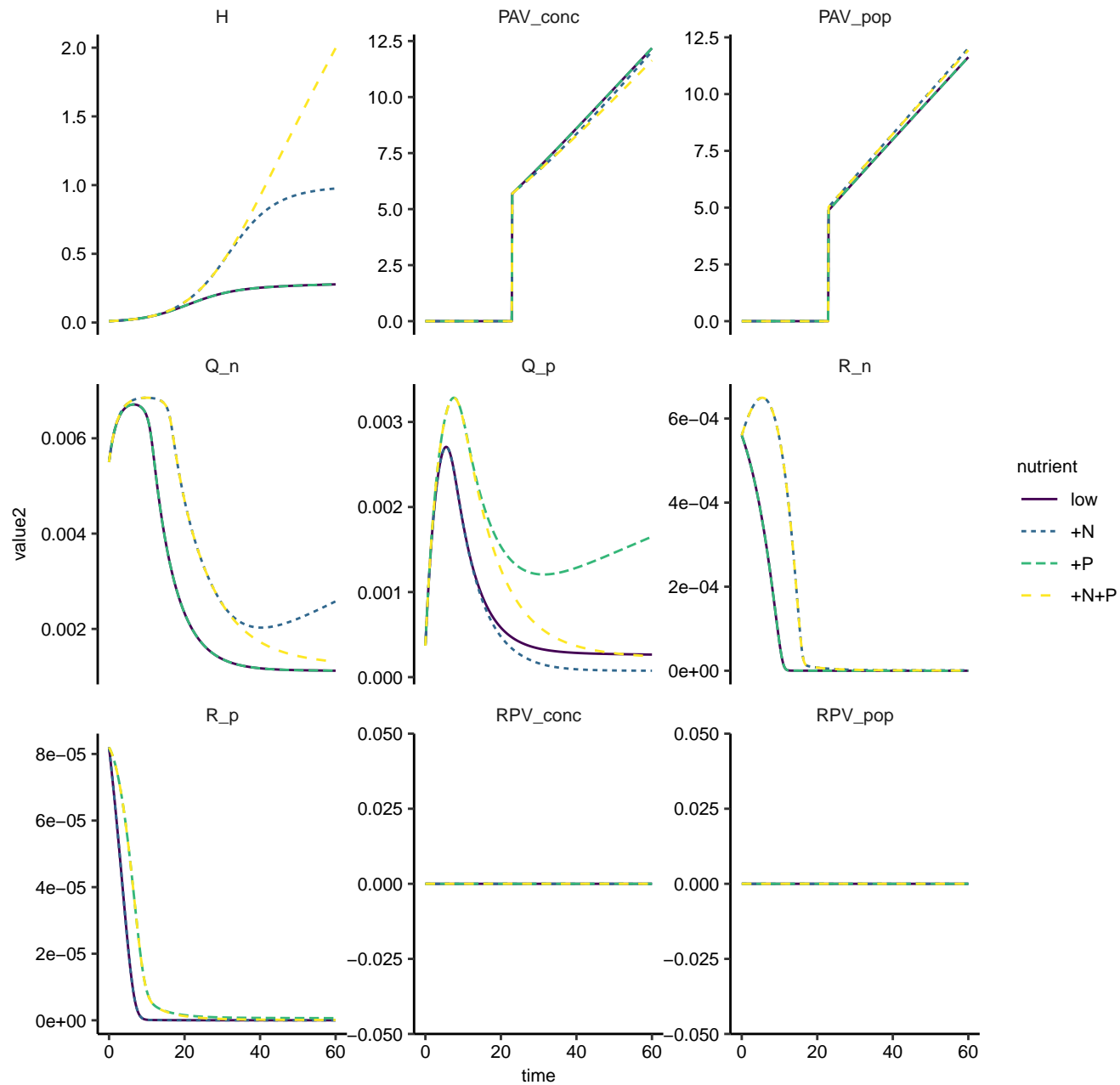
$q_{nb} = 1e-05$; $q_{pb} = 1e-06$



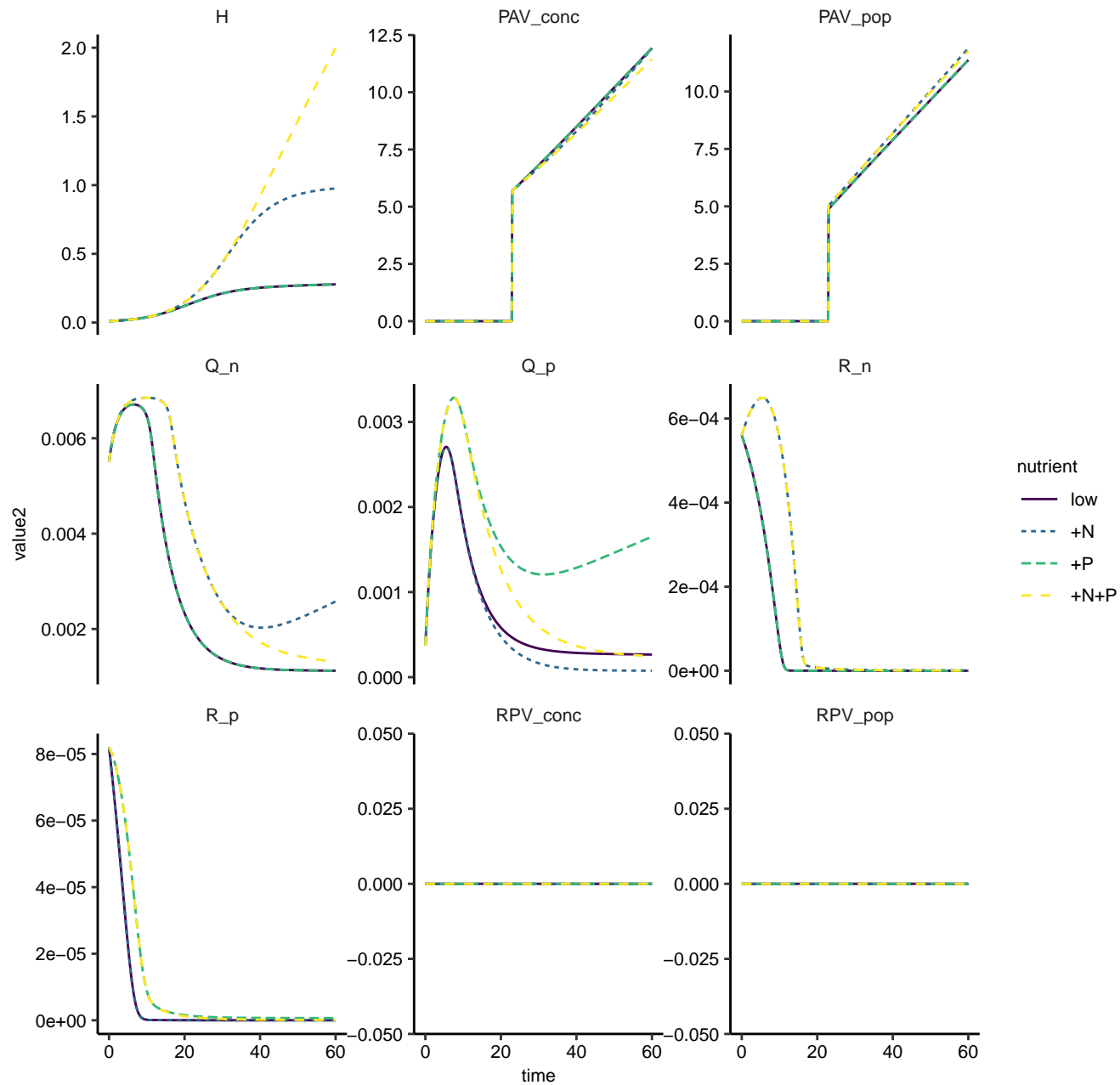
$q_{nb} = 2.5e-05$; $q_{pb} = 1e-06$



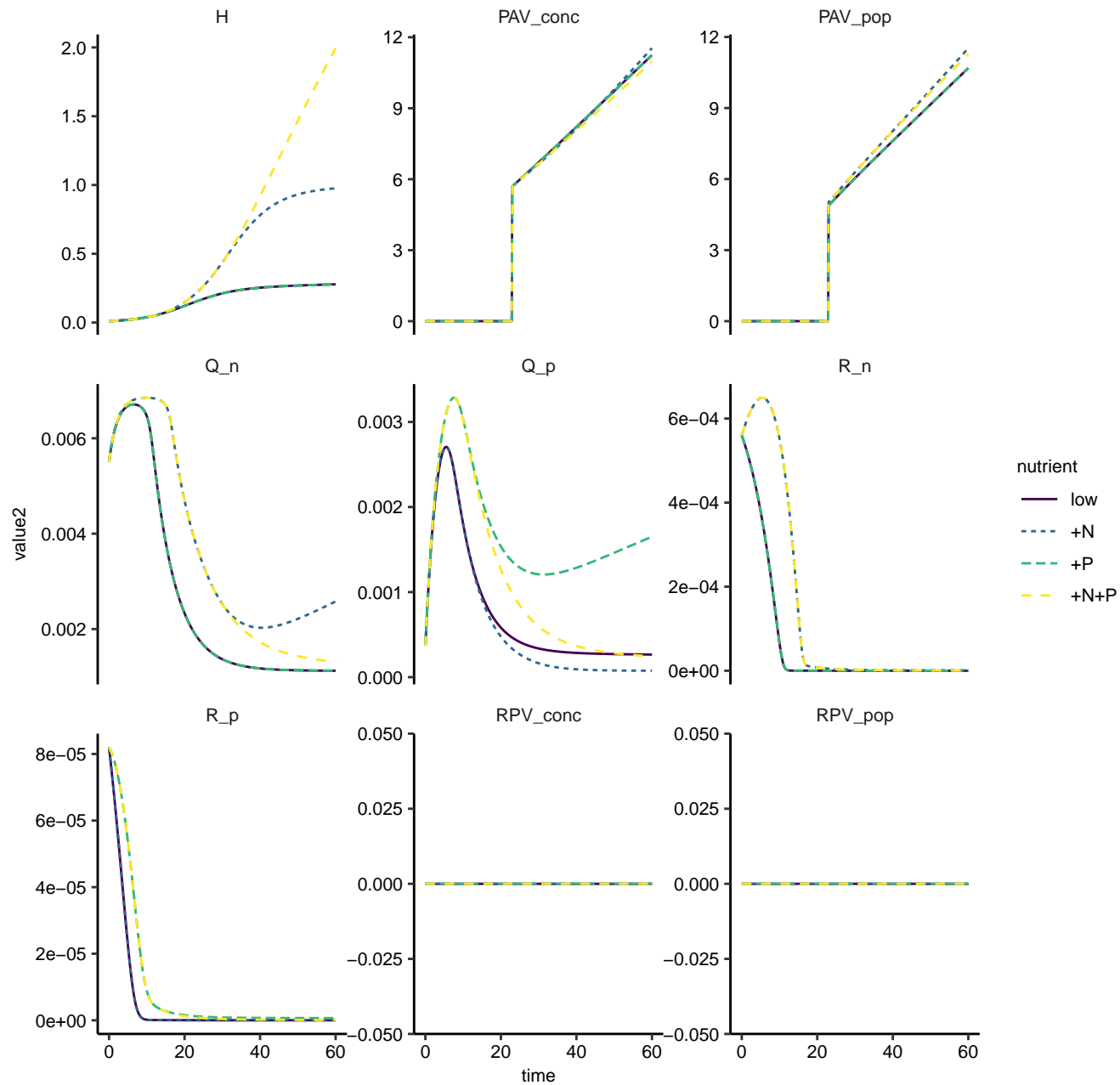
$q_{nb} = 5e-05$; $q_{pb} = 1e-06$



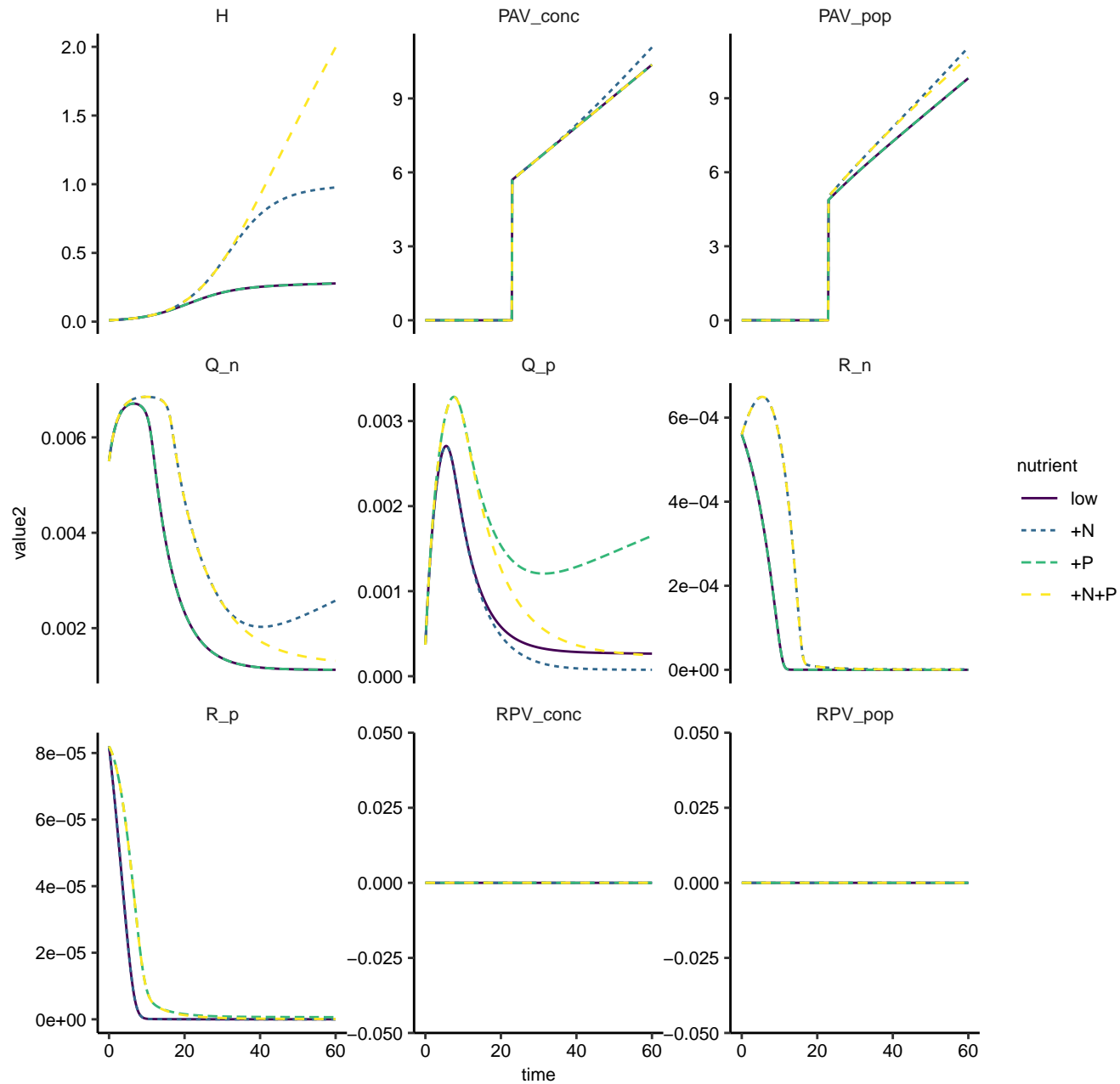
$q_{nb} = 7.4e-05$; $q_{pb} = 1e-06$



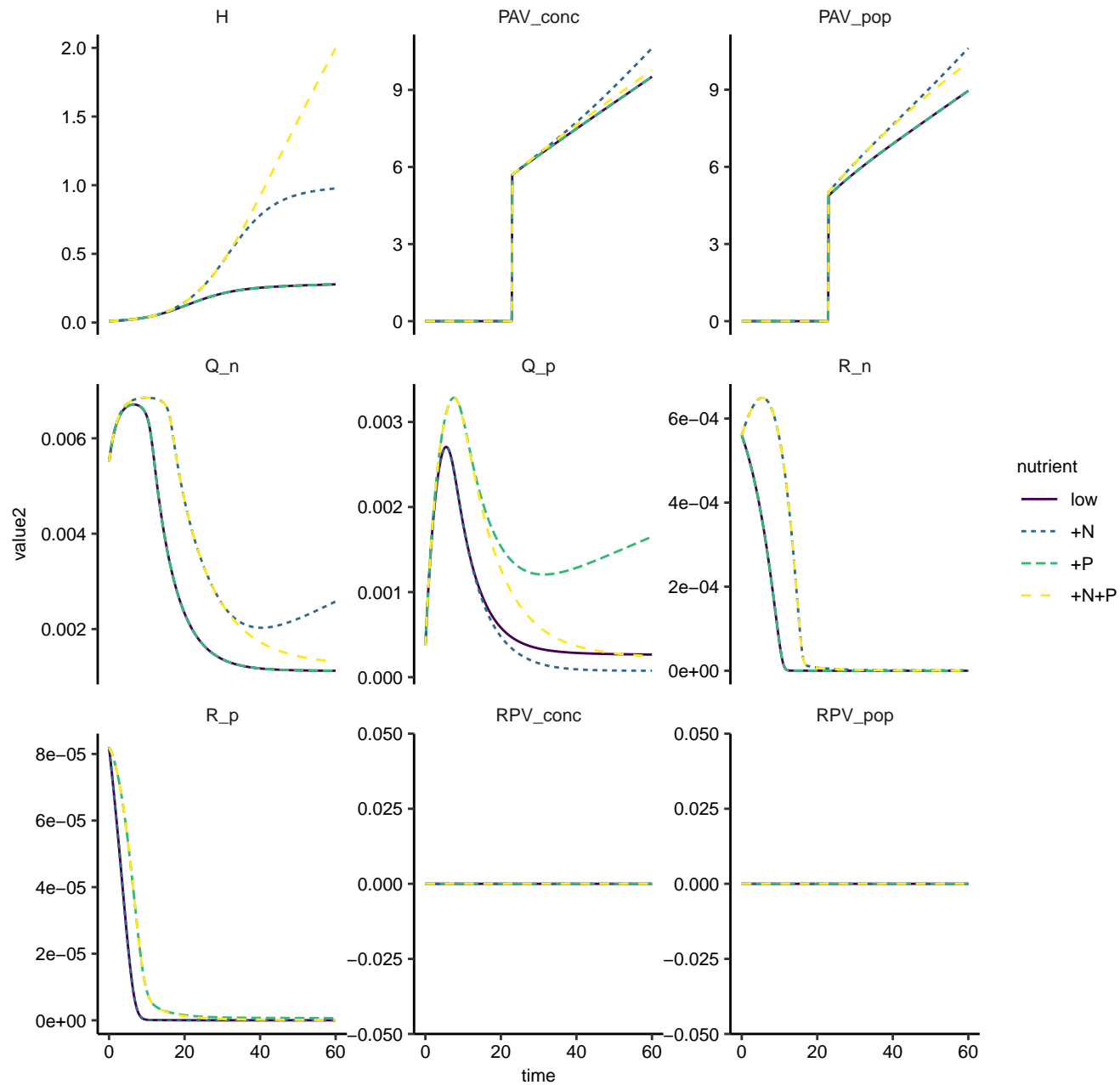
$q_{nb} = 0.000137813805143334$; $q_{pb} = 1e-06$



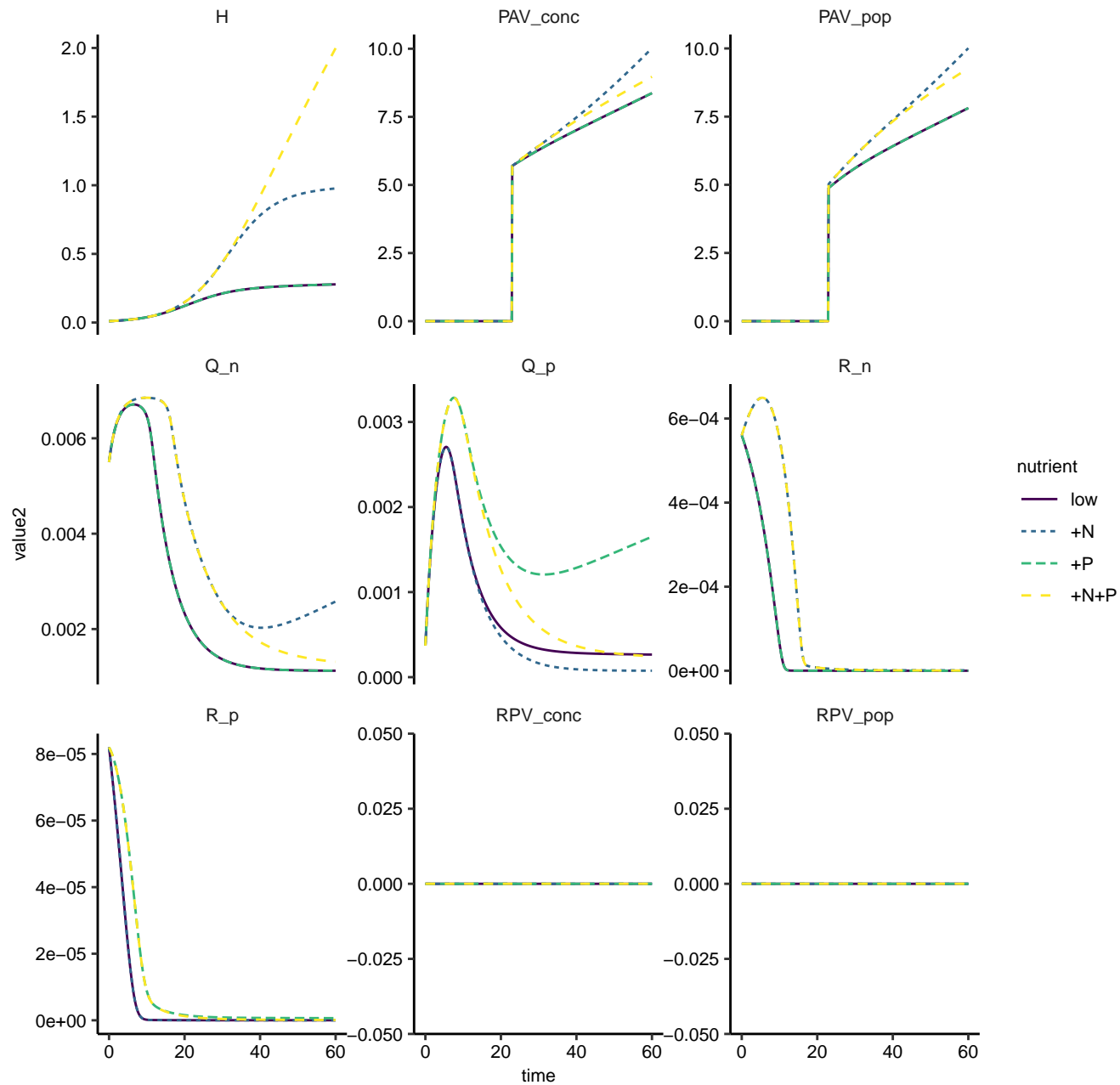
$q_{nb} = 0.000219984813838268$; $q_{pb} = 1e-06$



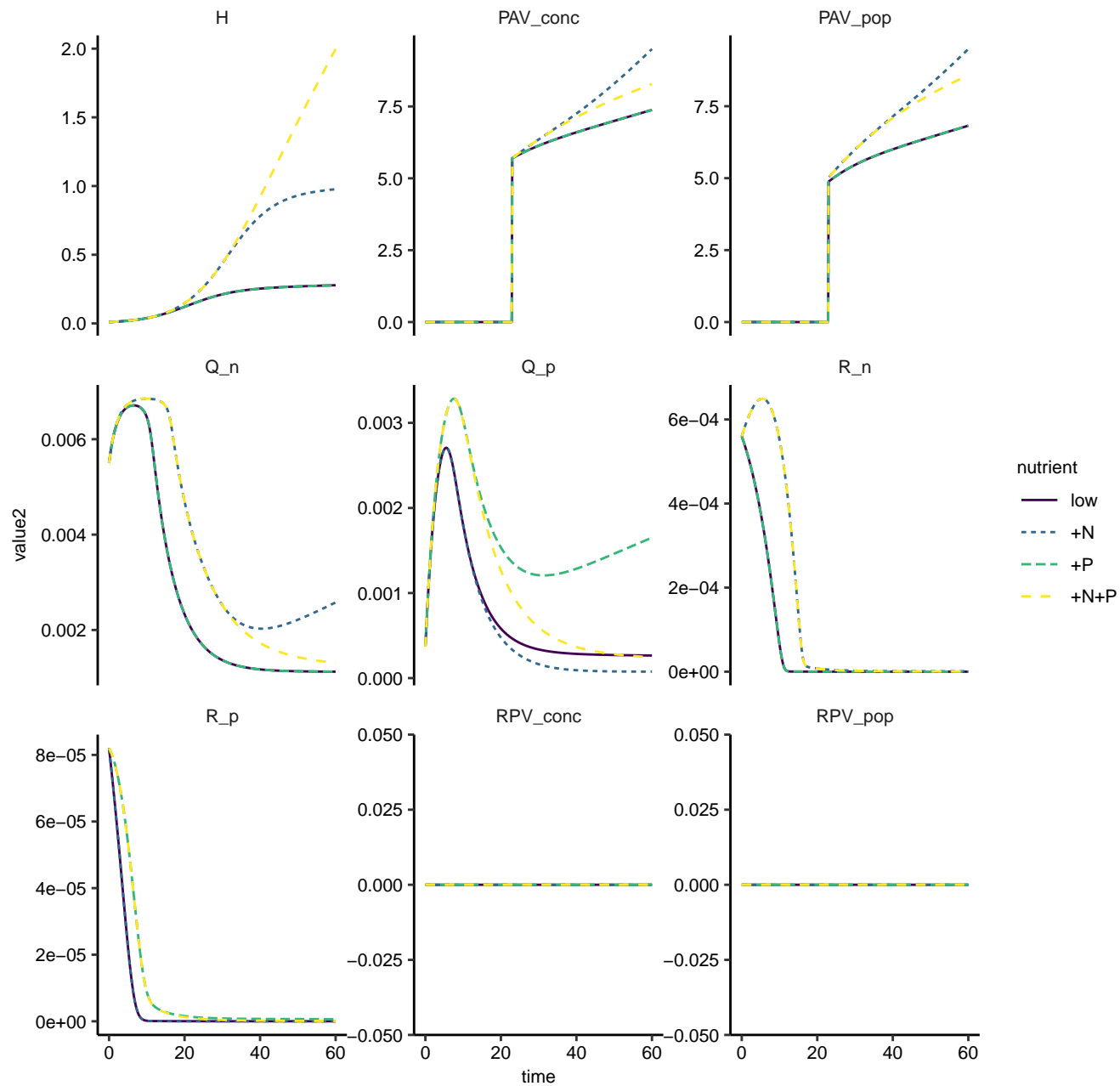
$q_nb = 3e-04$; $q_pb = 1e-06$



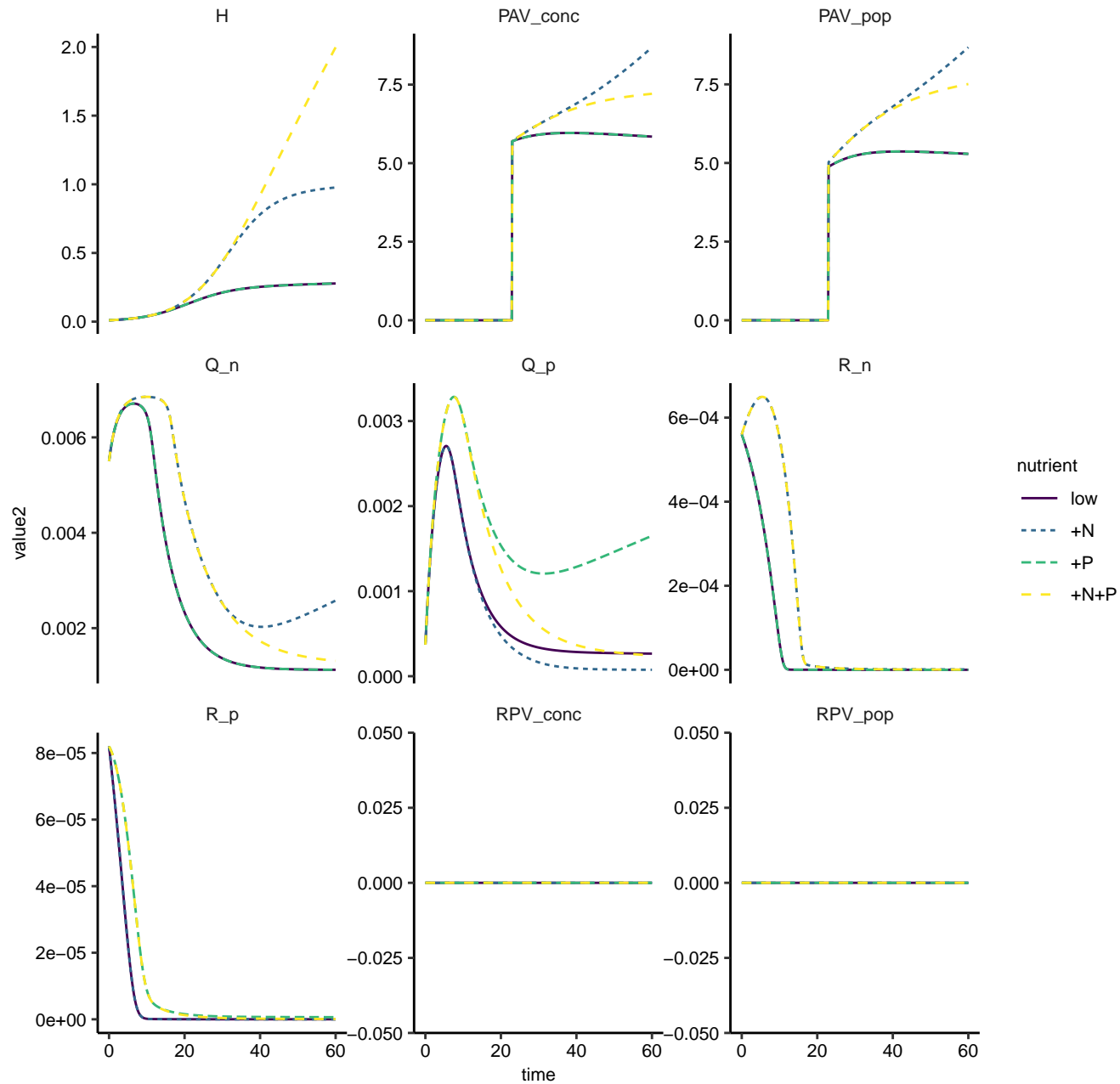
$q_{nb} = 0.000407144927737209$; $q_{pb} = 1e-06$



$q_{nb} = 5e-04$; $q_{pb} = 1e-06$

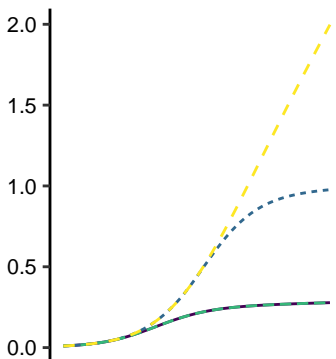


$q_{nb} = 0.000643654384538669$; $q_{pb} = 1e-06$

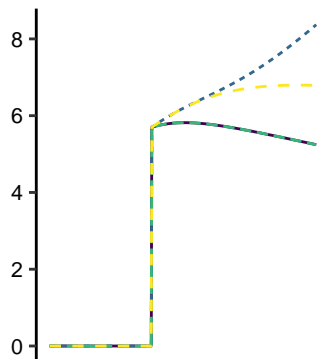


$q_{nb} = 7e-04$; $q_{pb} = 1e-06$

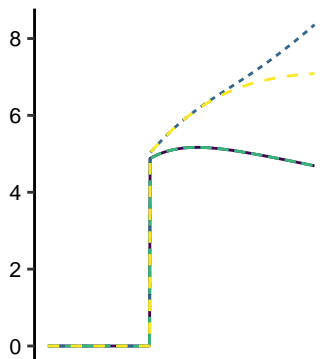
H



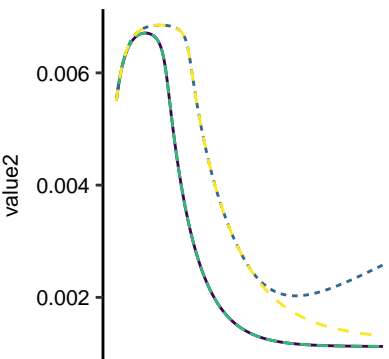
PAV_conc



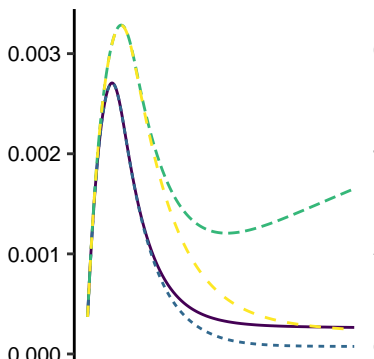
PAV_pop



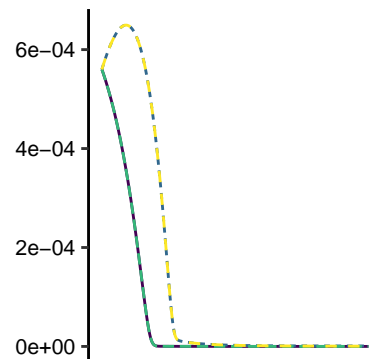
Q_n



Q_p



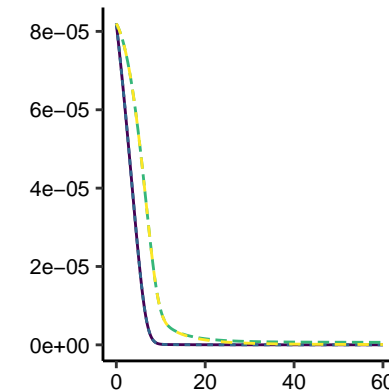
R_n



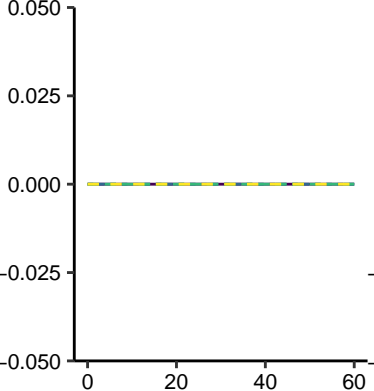
nutrient

low
+N
+P
+N+P

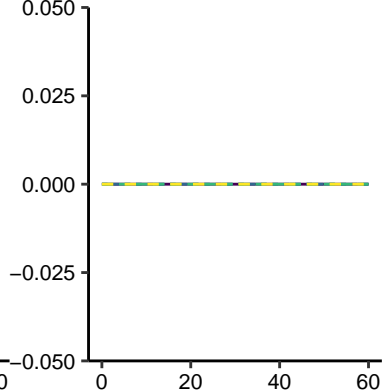
R_p



RPV_conc

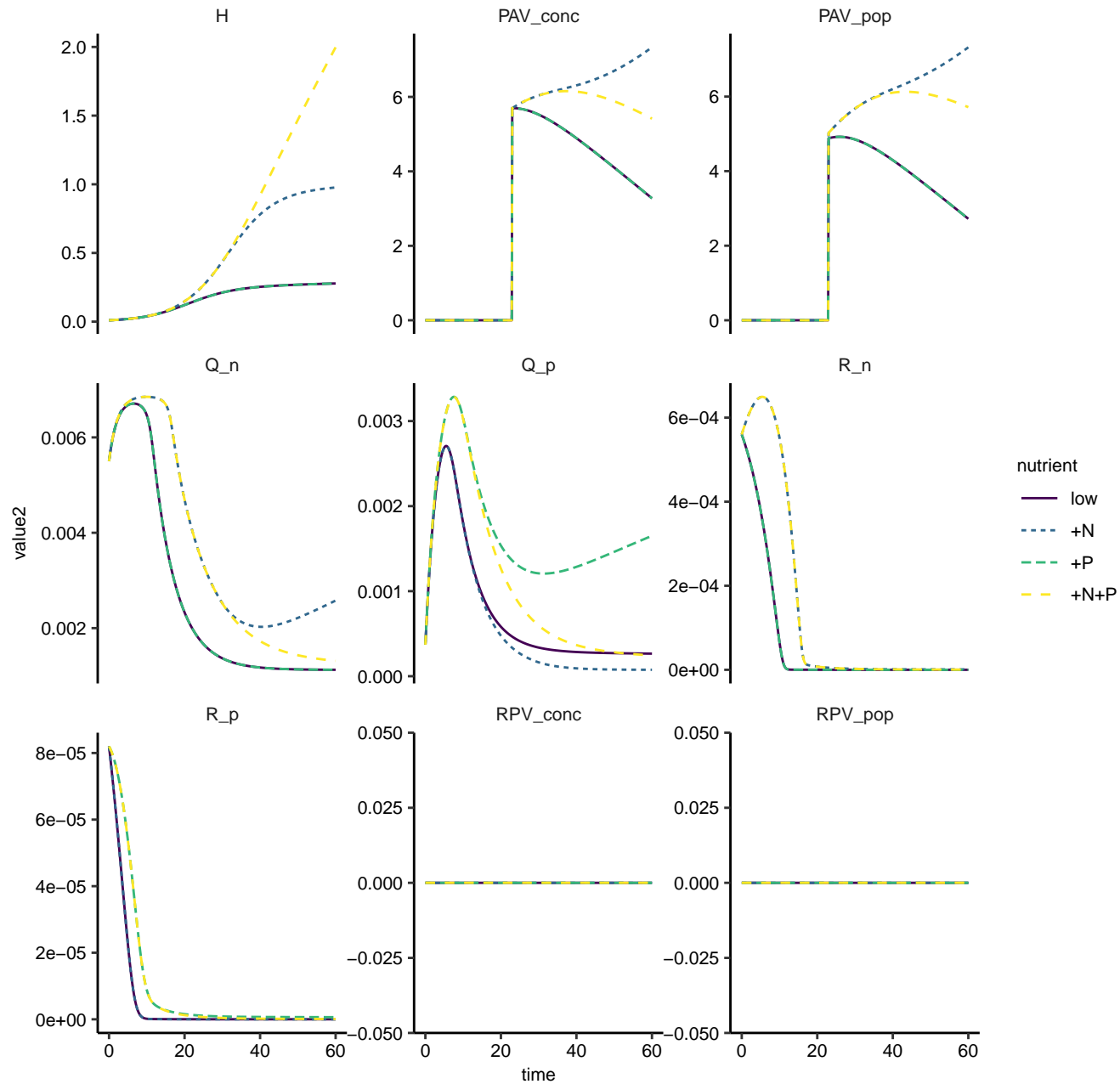


RPV_pop



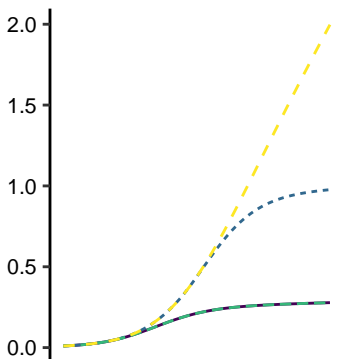
time

$q_{nb} = 0.000884319769145505$; $q_{pb} = 1e-06$

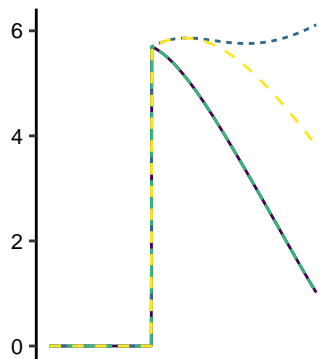


$q_nb = 0.0011$; $q_pb = 1e-06$

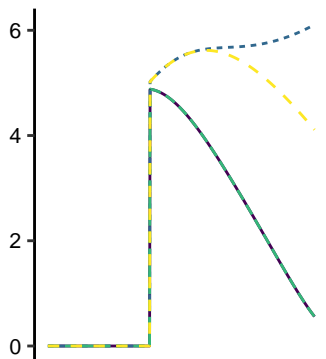
H



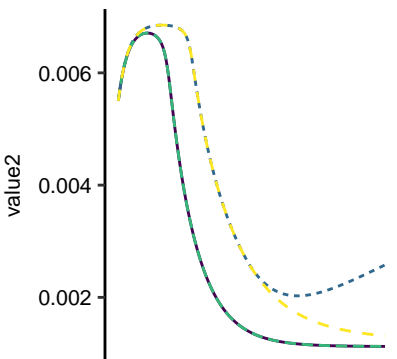
PAV_conc



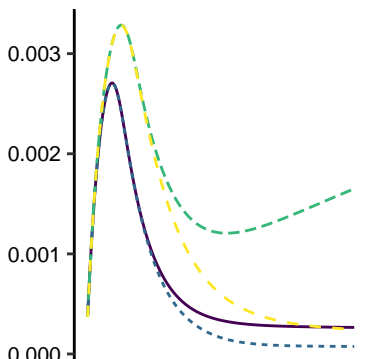
PAV_pop



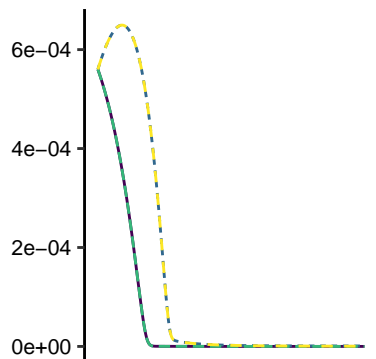
Q_n



Q_p



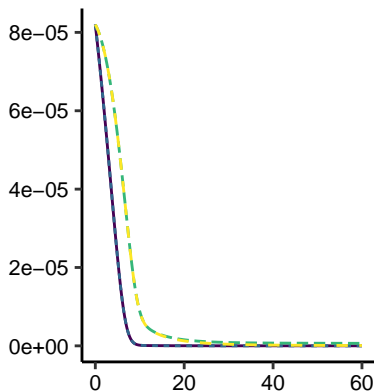
R_n



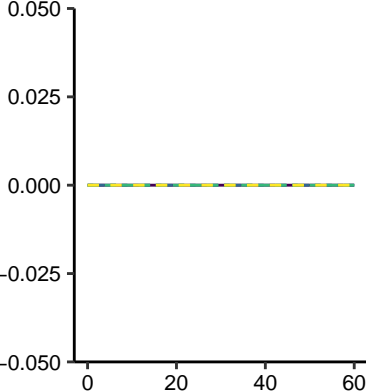
nutrient

- low
- +N
- +P
- +N+P

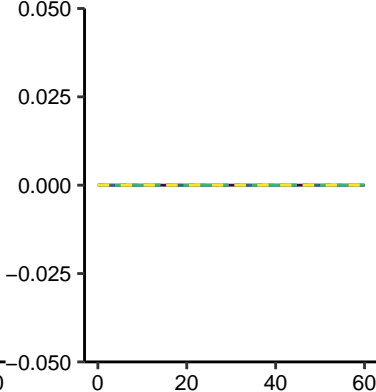
R_p



RPV_conc

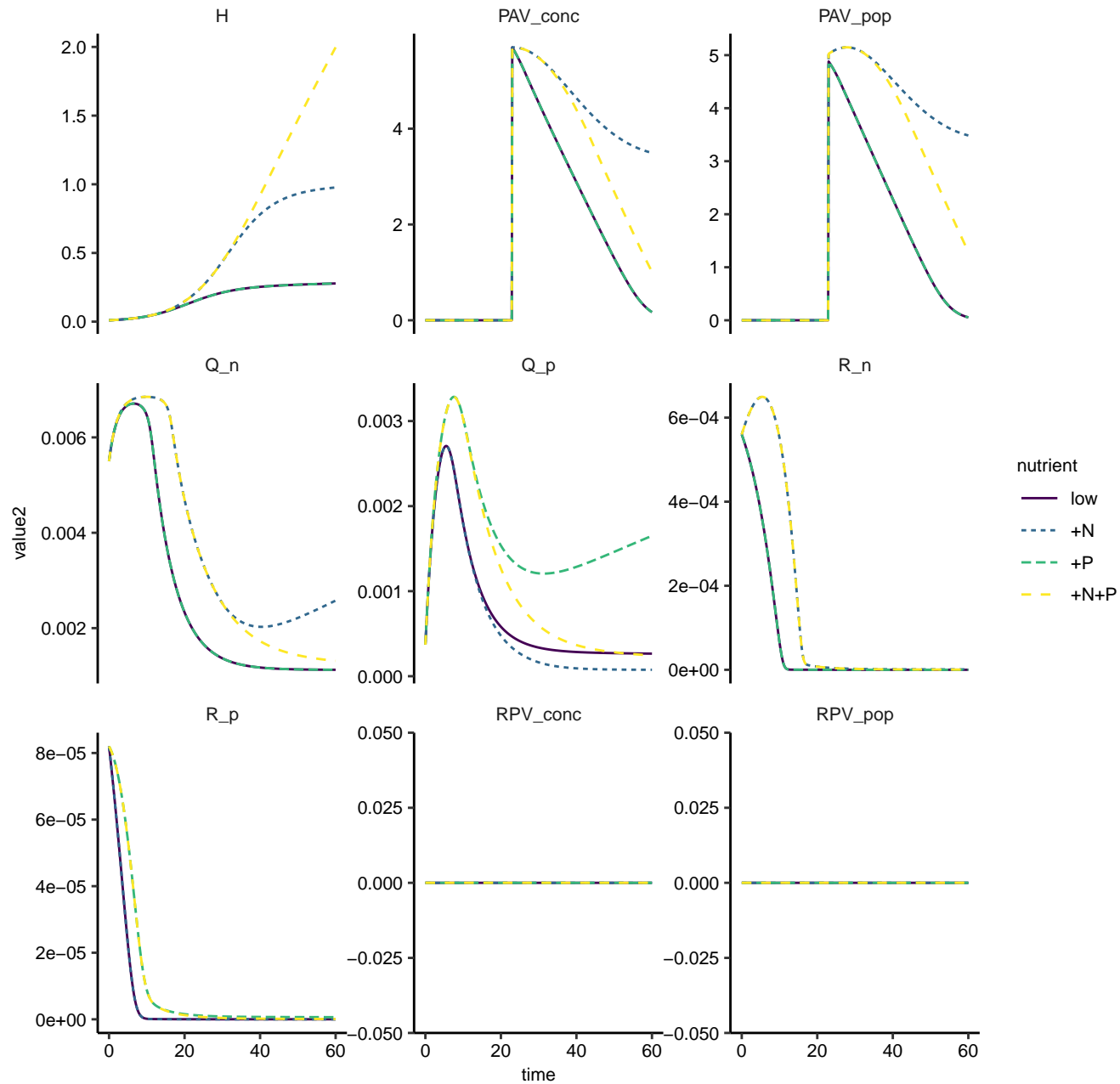


RPV_pop



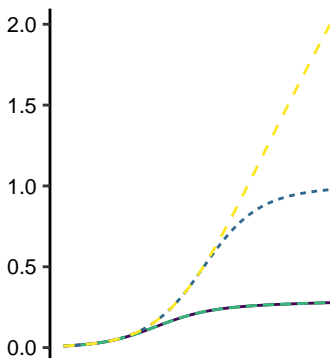
time

$q_{nb} = 0.00156514280990797$; $q_{pb} = 1e-06$

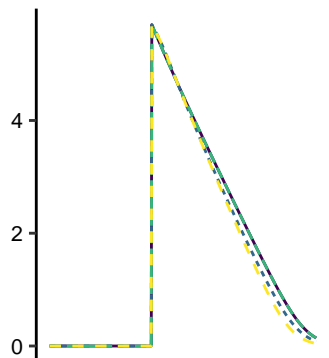


$q_{nb} = 0.003$; $q_{pb} = 1e-06$

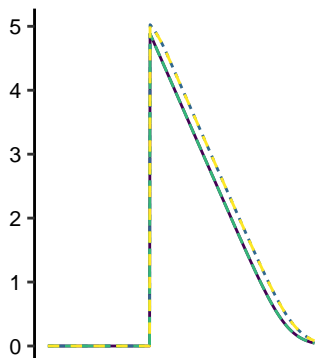
H



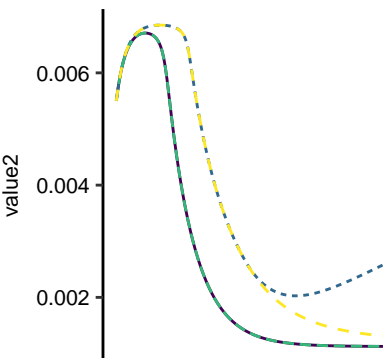
PAV_conc



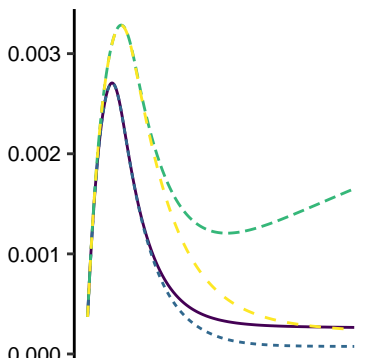
PAV_pop



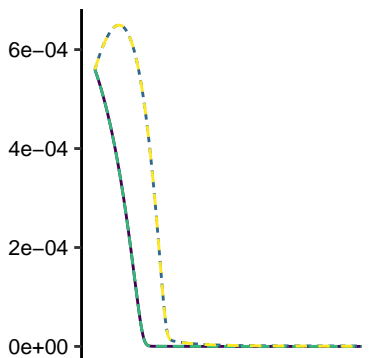
Q_n



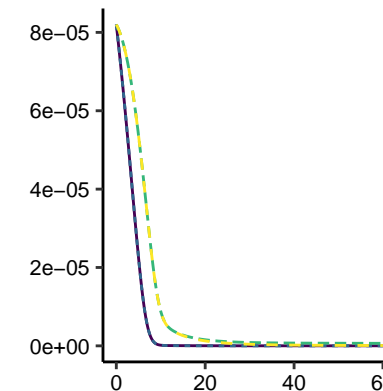
Q_p



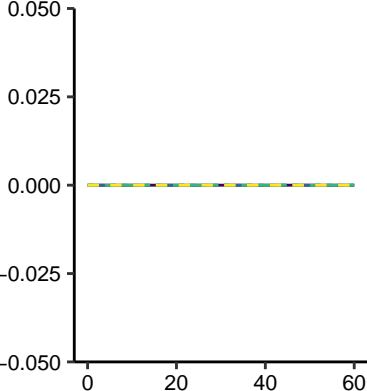
R_n



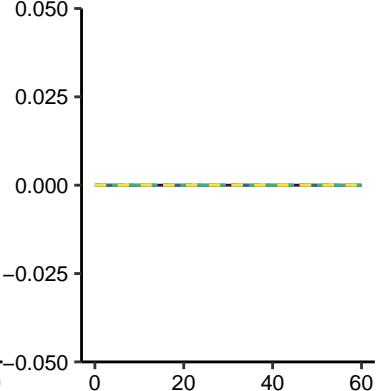
R_p



RPV_conc



RPV_pop



nutrient

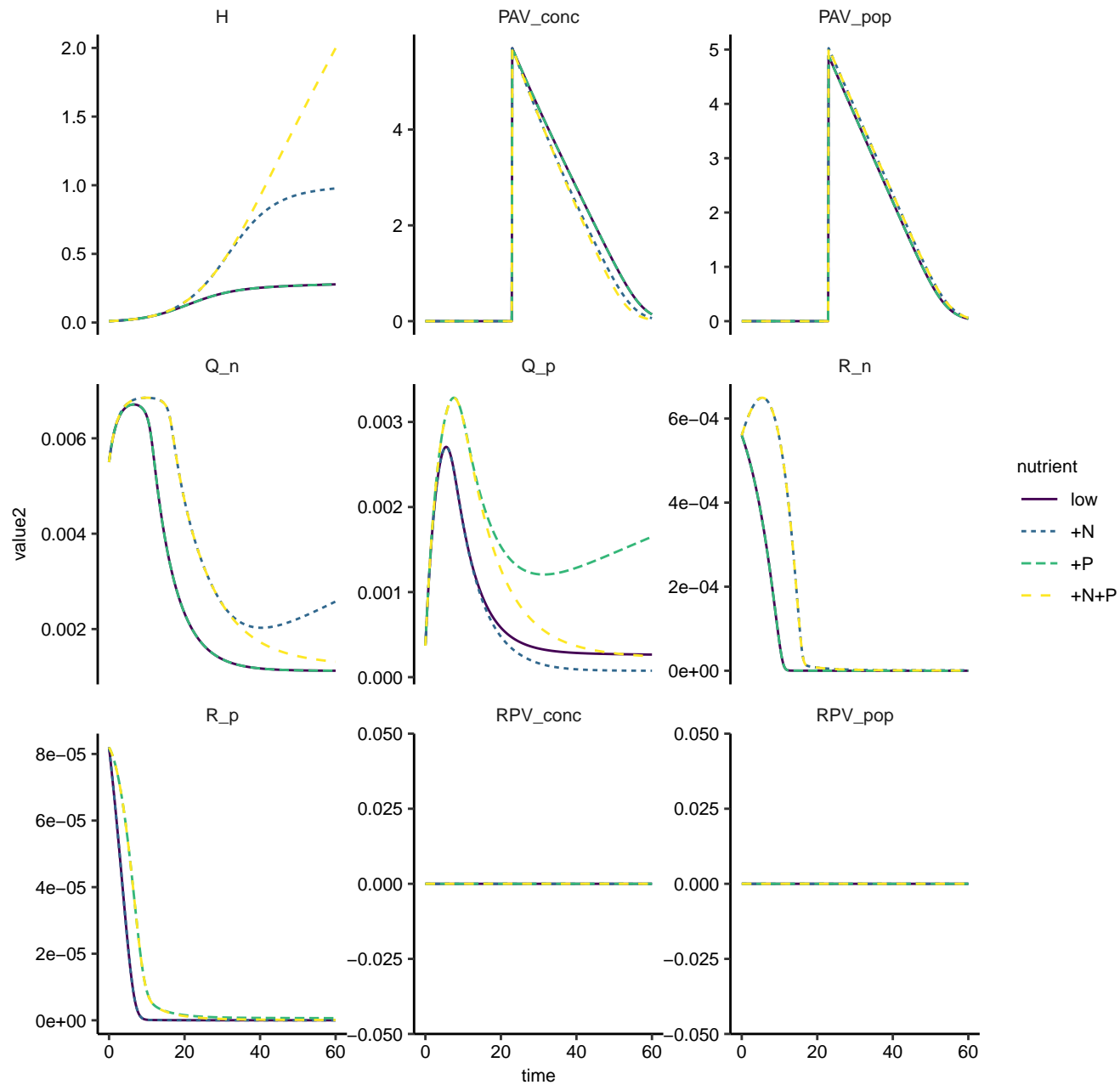
low

+N

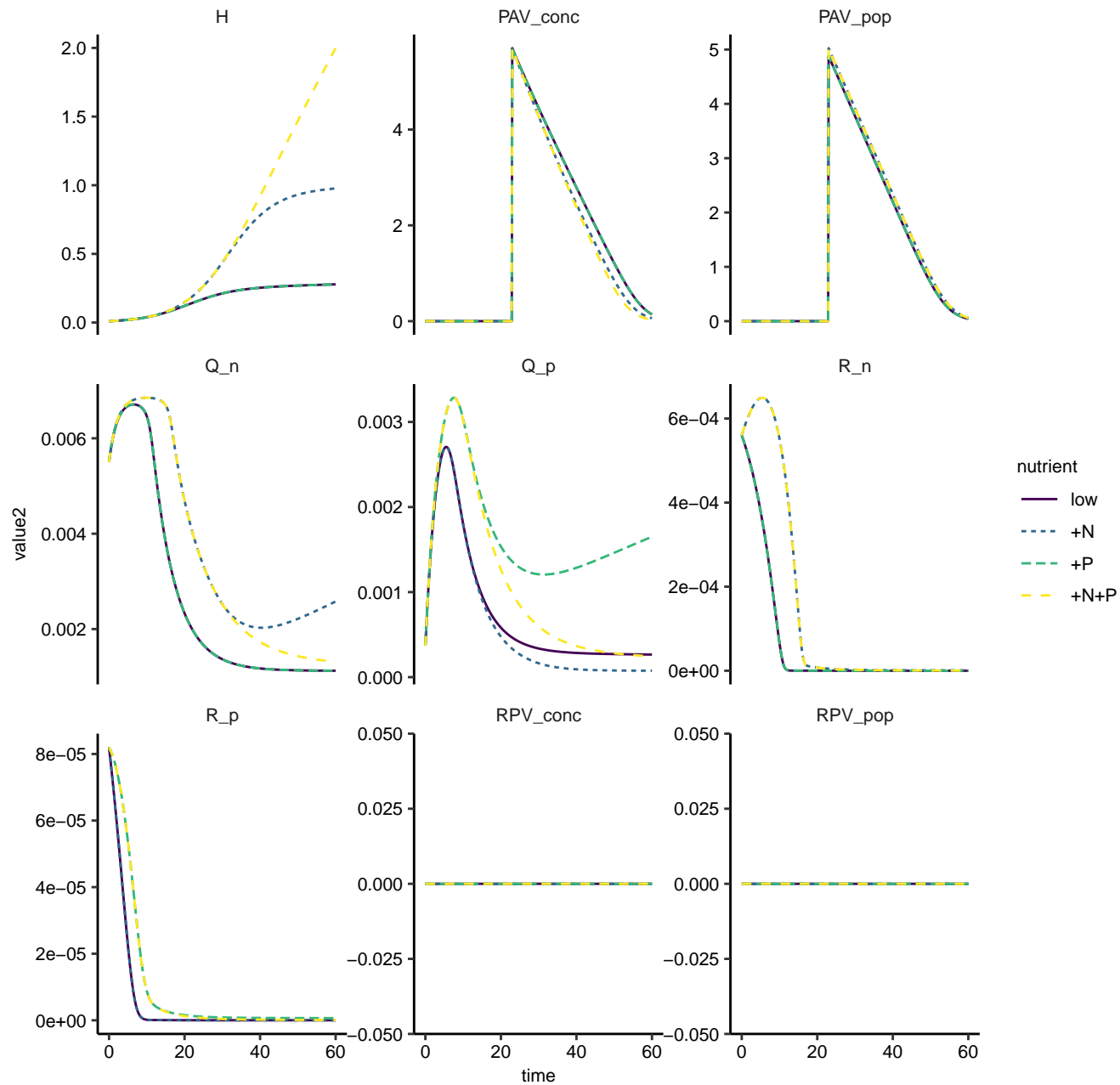
+P

+N+P

$q_{nb} = 0.005$; $q_{pb} = 1e-06$

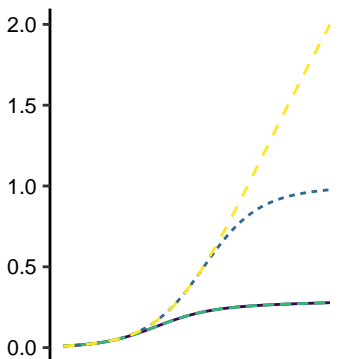


$q_{nb} = 0.007$; $q_{pb} = 1e-06$

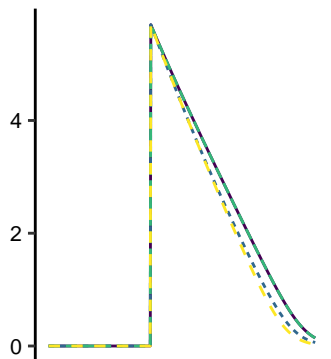


$q_{nb} = 0.01$; $q_{pb} = 1e-06$

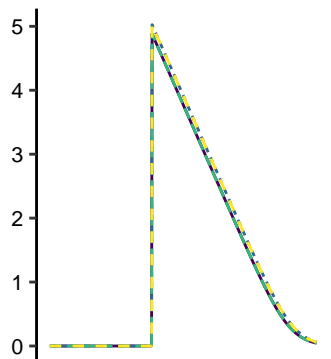
H



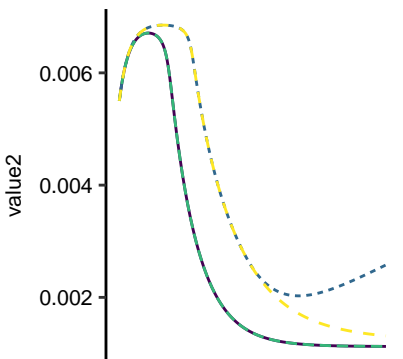
PAV_conc



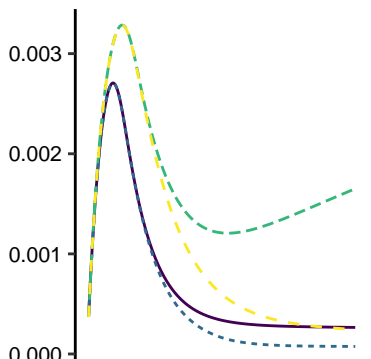
PAV_pop



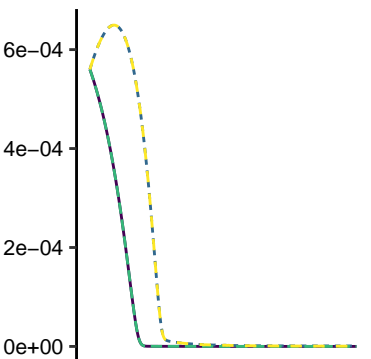
Q_n



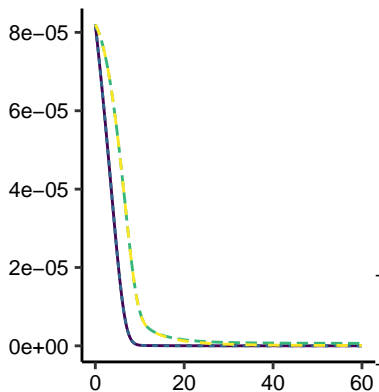
Q_p



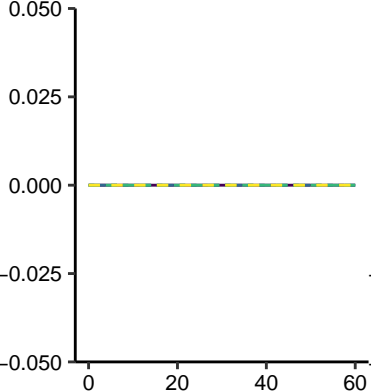
R_n



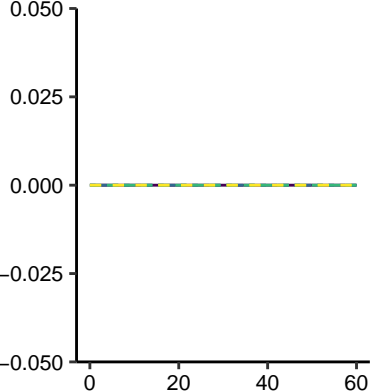
R_p



RPV_conc



RPV_pop

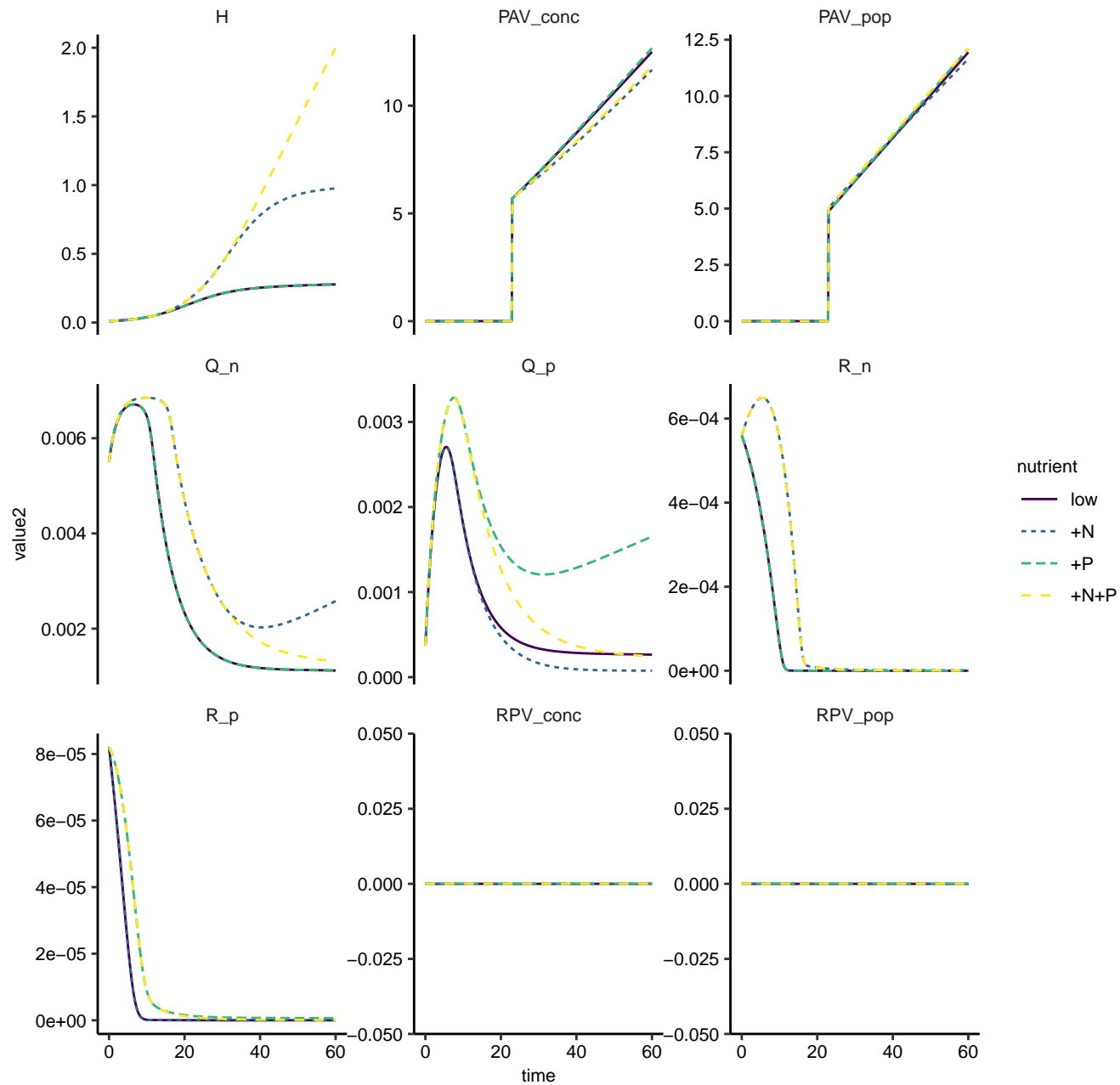


nutrient

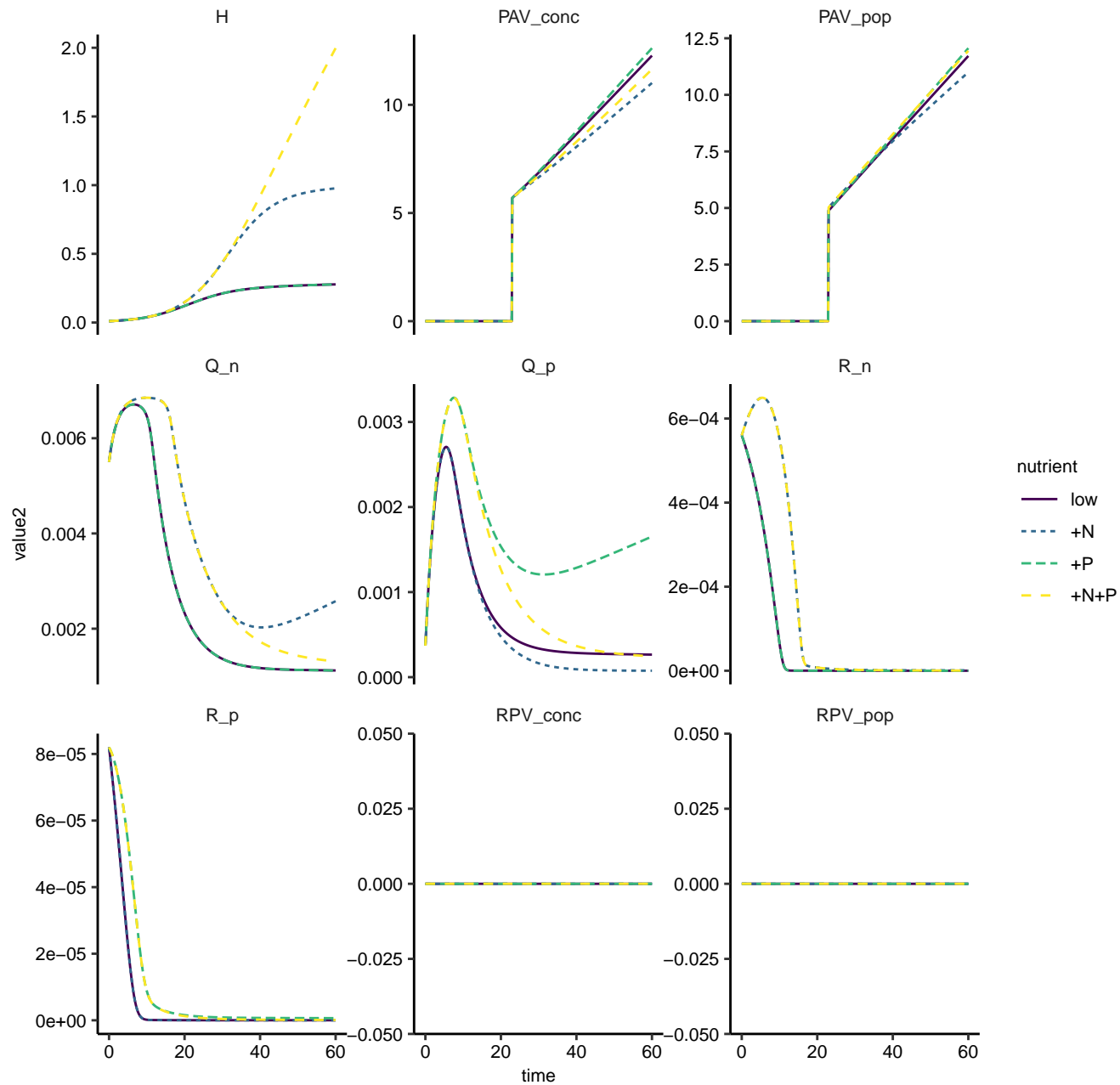
- low
- +N
- +P
- +N+P

time

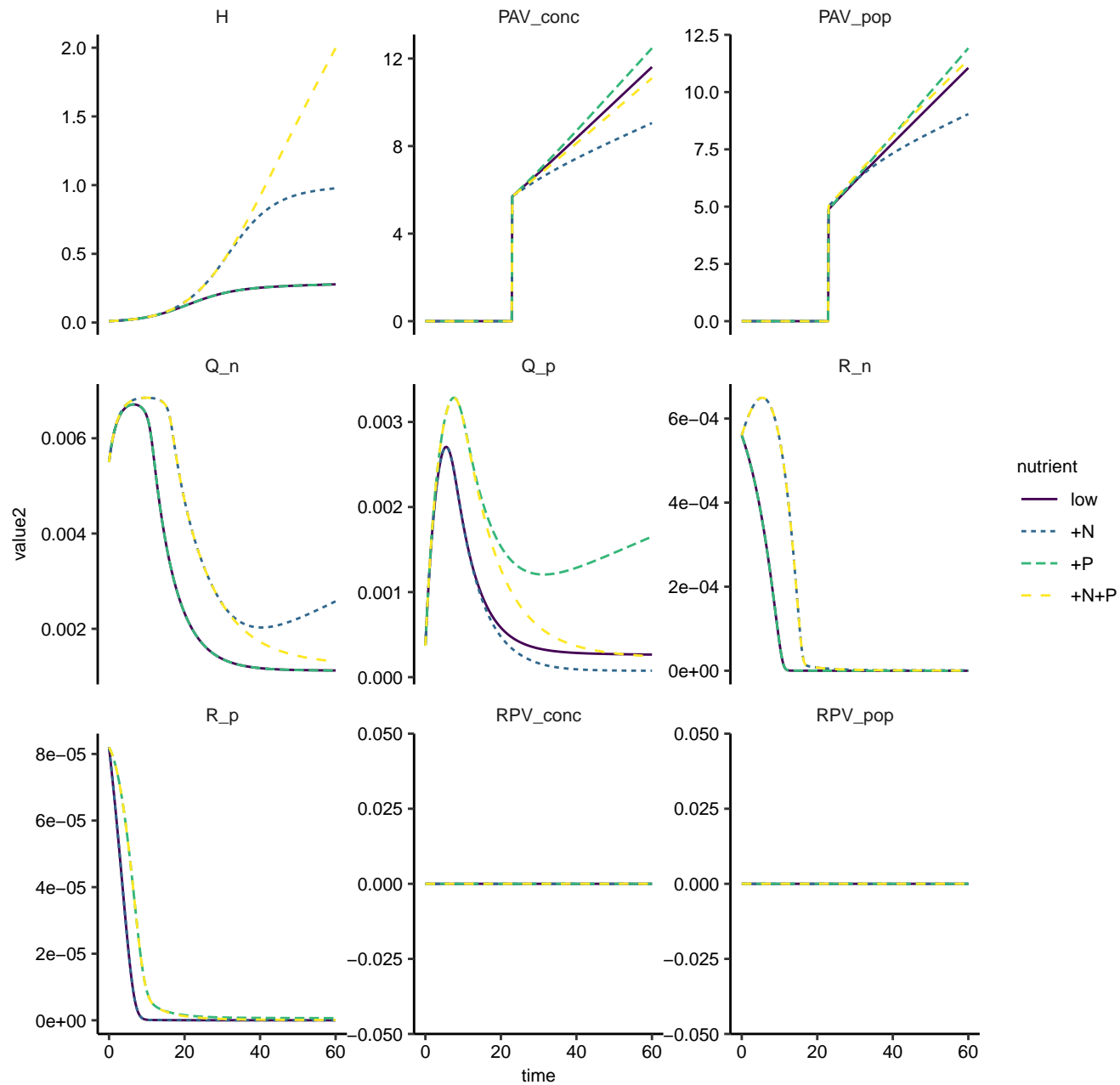
$q_{nb} = 1e-06$; $q_{pb} = 5e-06$



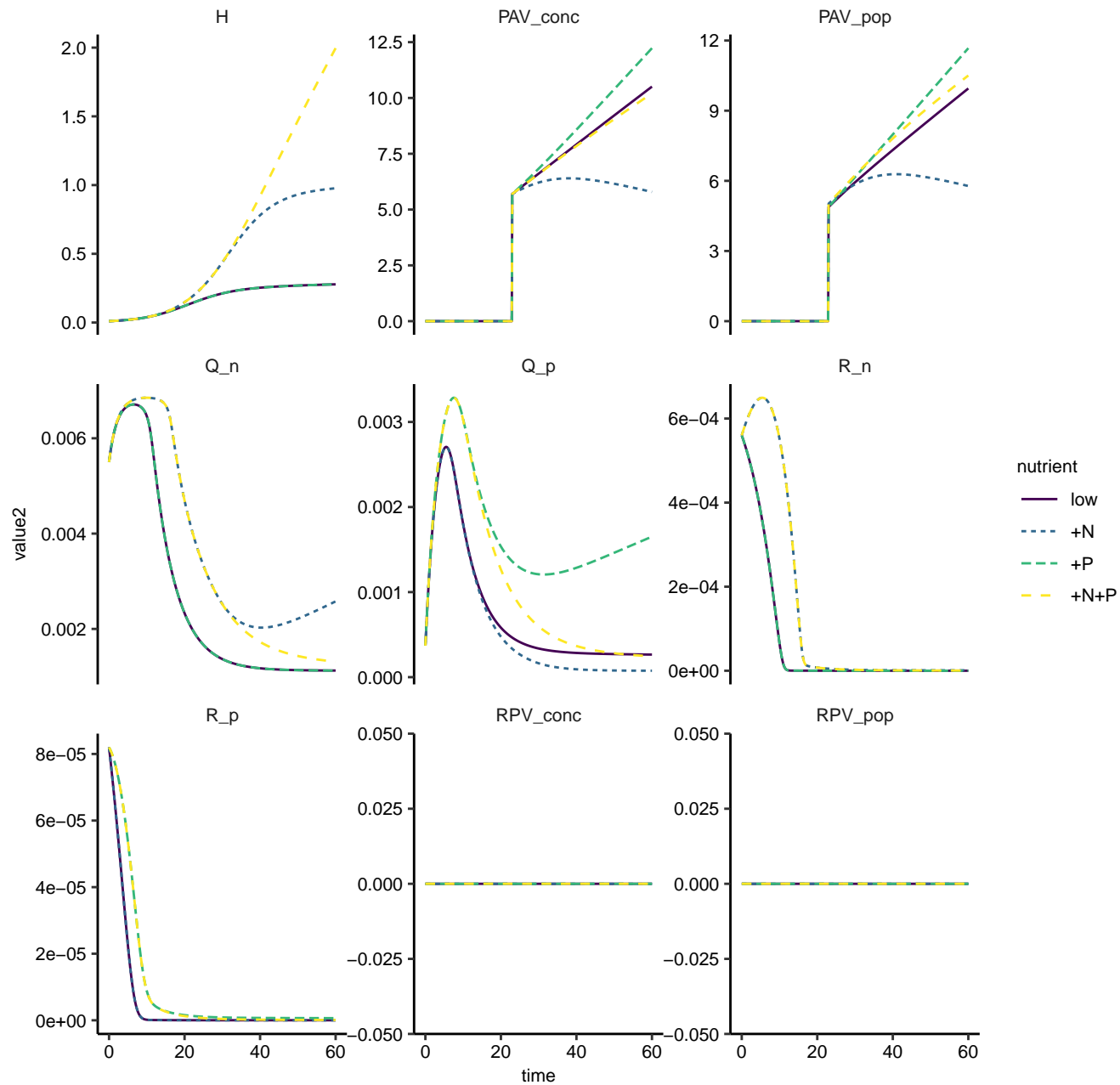
$q_{nb} = 1e-06$; $q_{pb} = 1e-05$



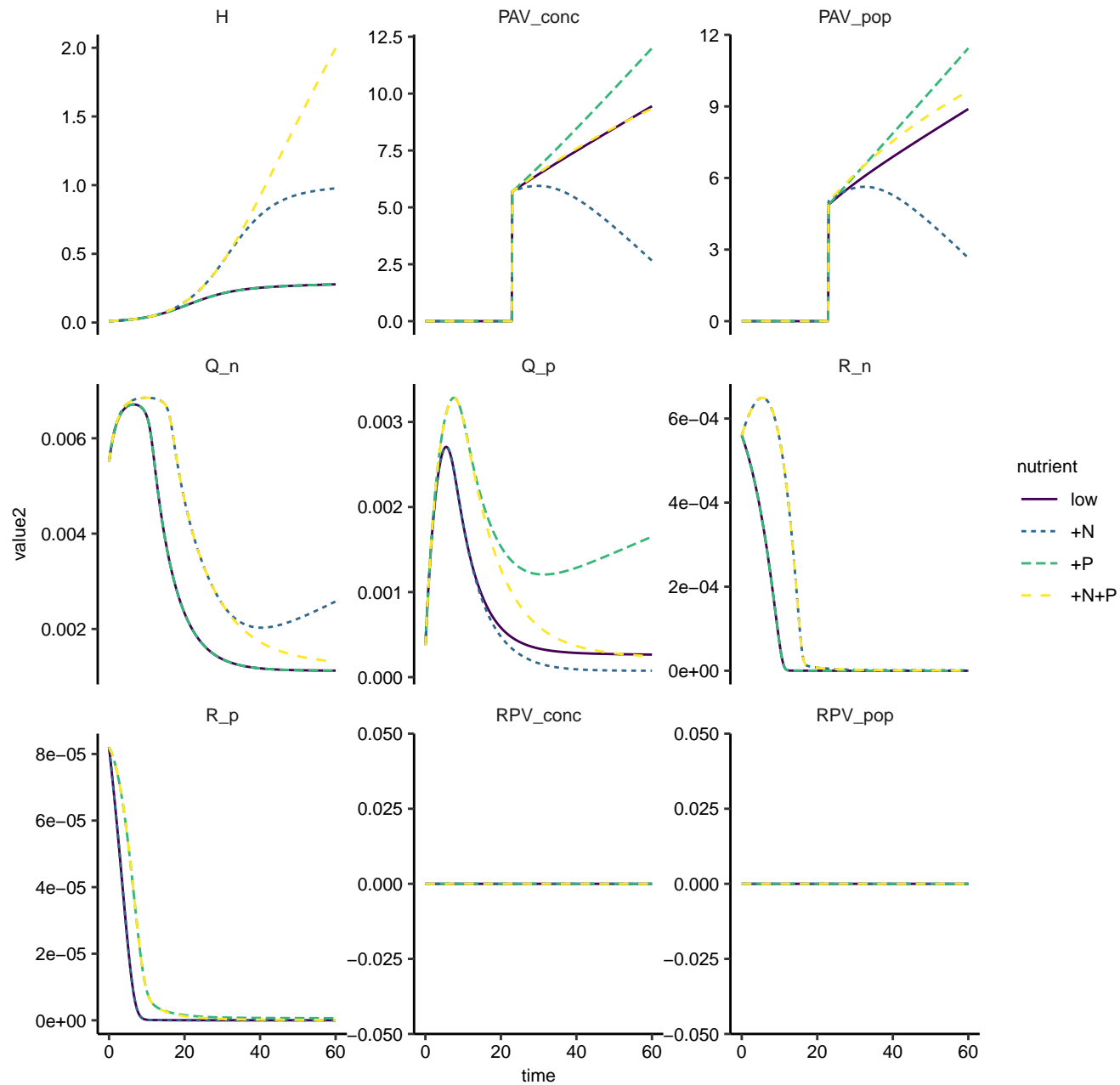
$q_{nb} = 1e-06$; $q_{pb} = 2.5e-05$



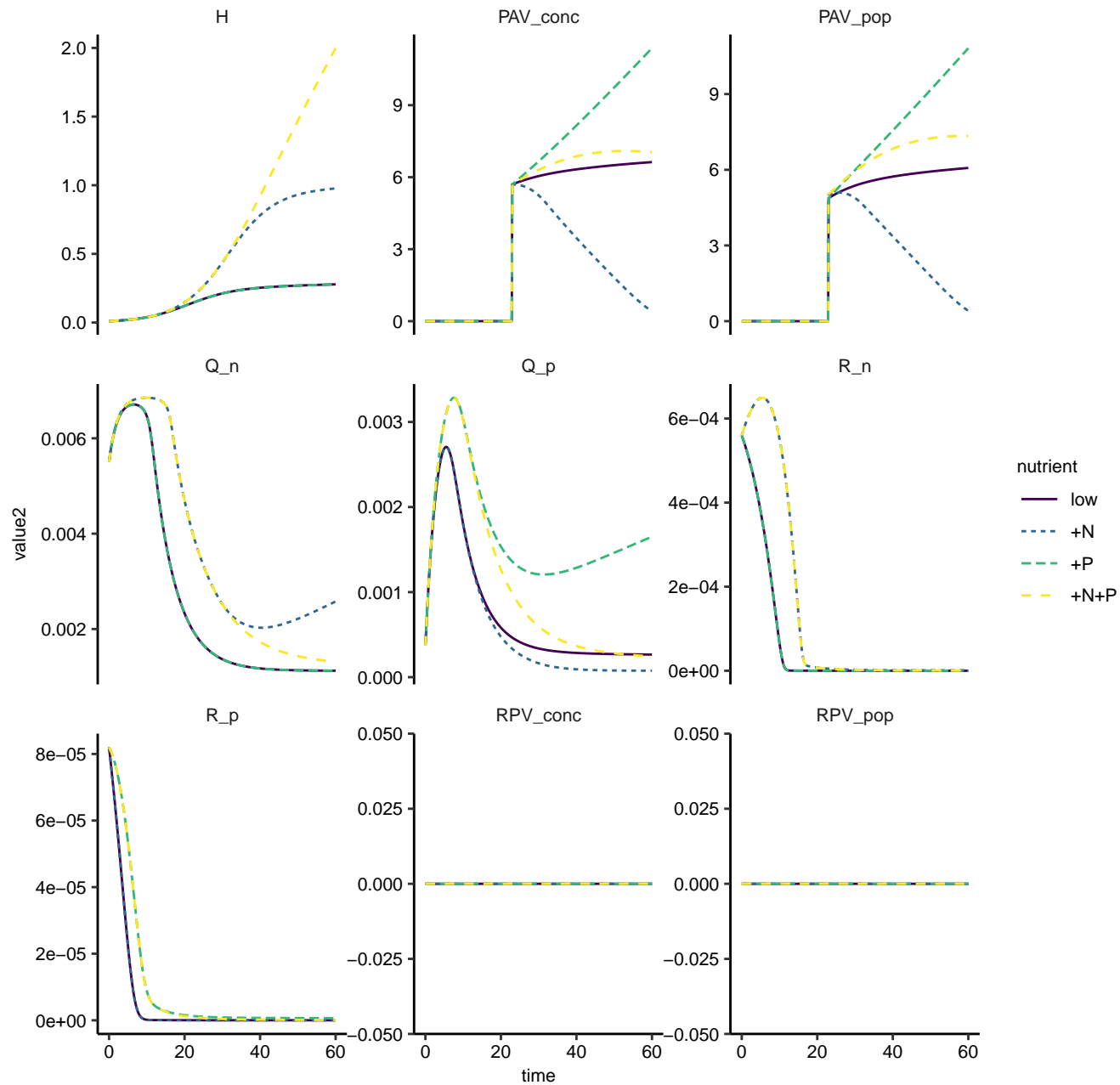
$q_{nb} = 1e-06$; $q_{pb} = 5e-05$



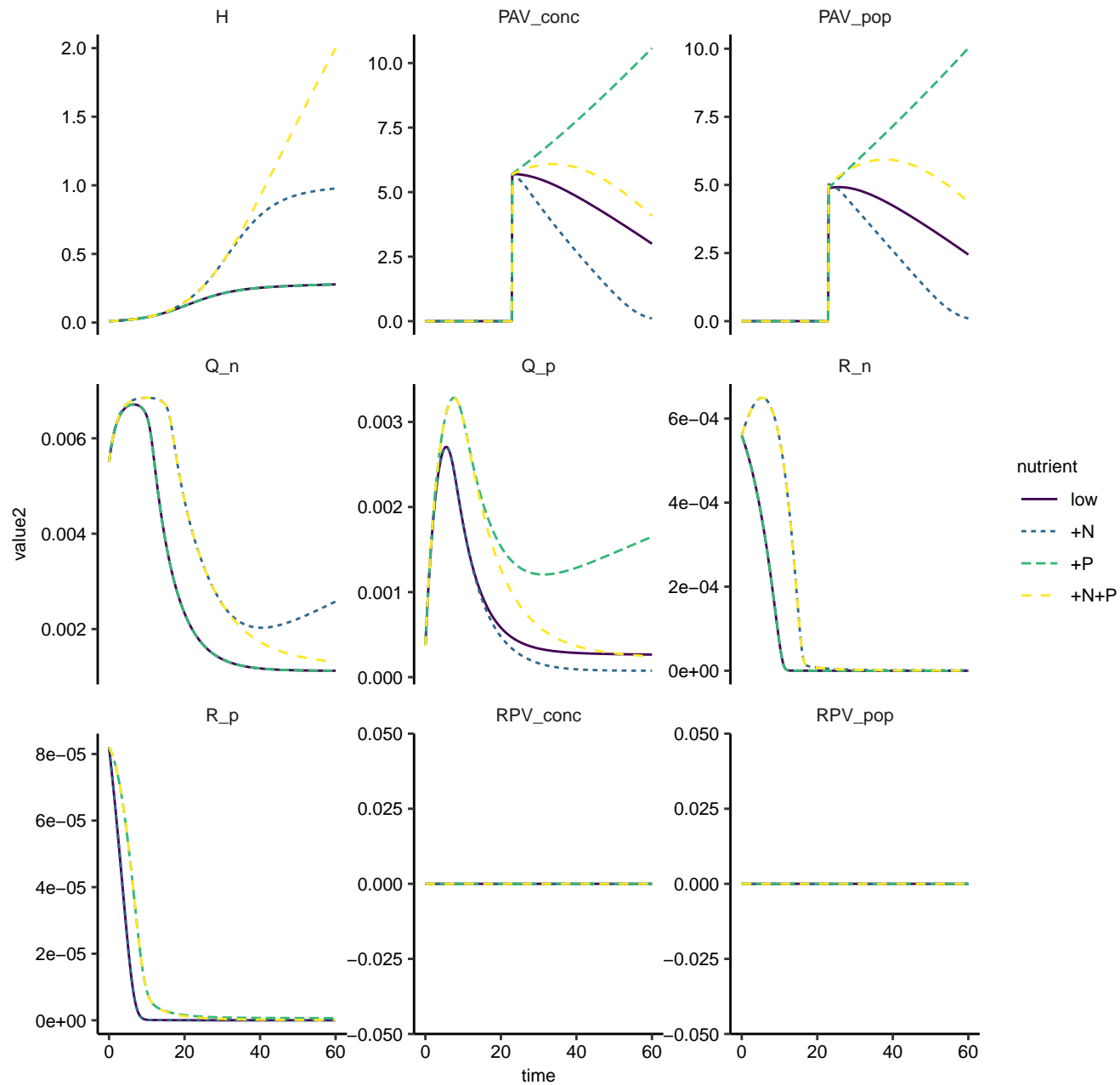
$q_{nb} = 1e-06$; $q_{pb} = 7.4e-05$



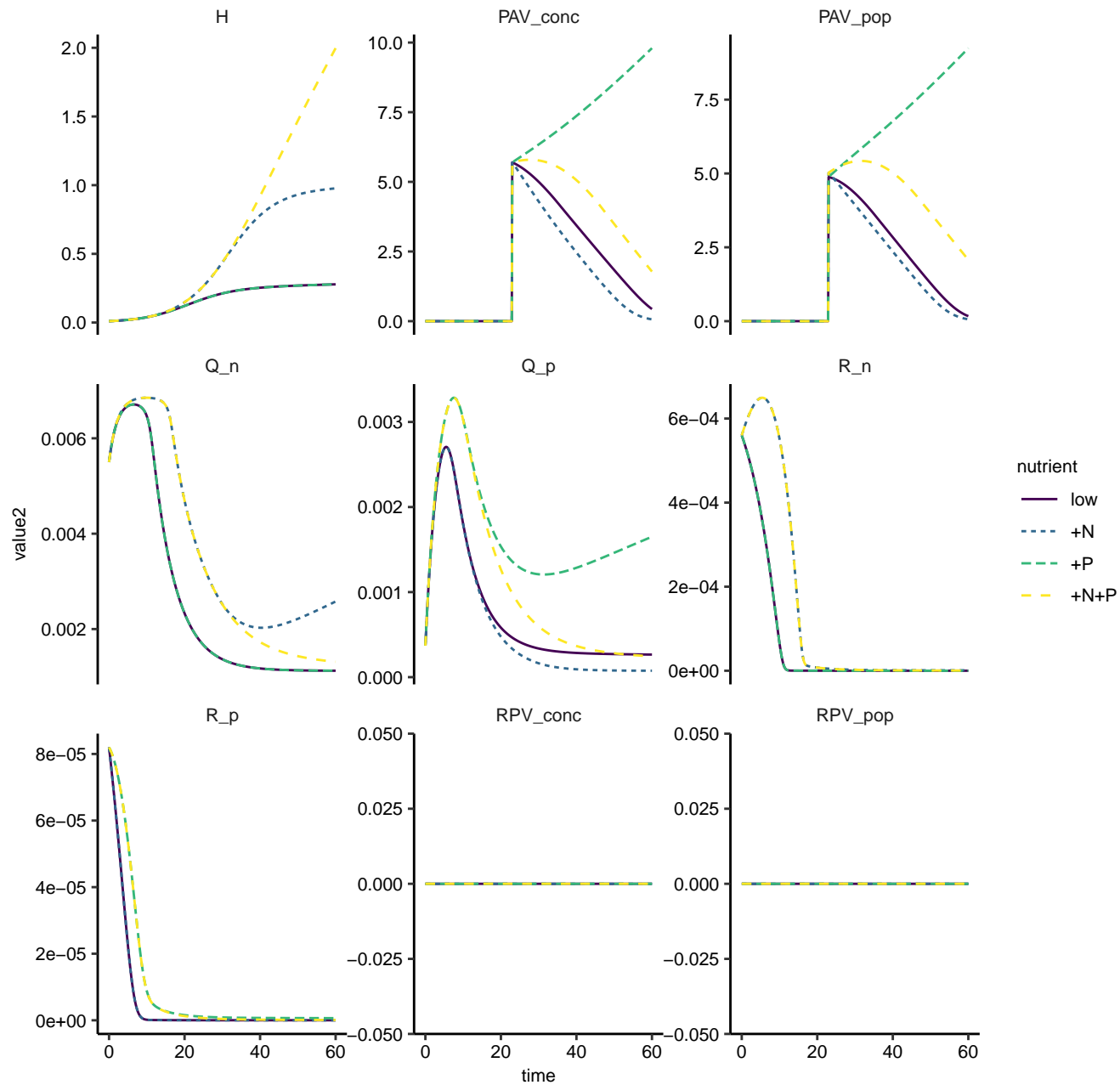
$q_{nb} = 1e-06$; $q_{pb} = 0.000137813805143334$



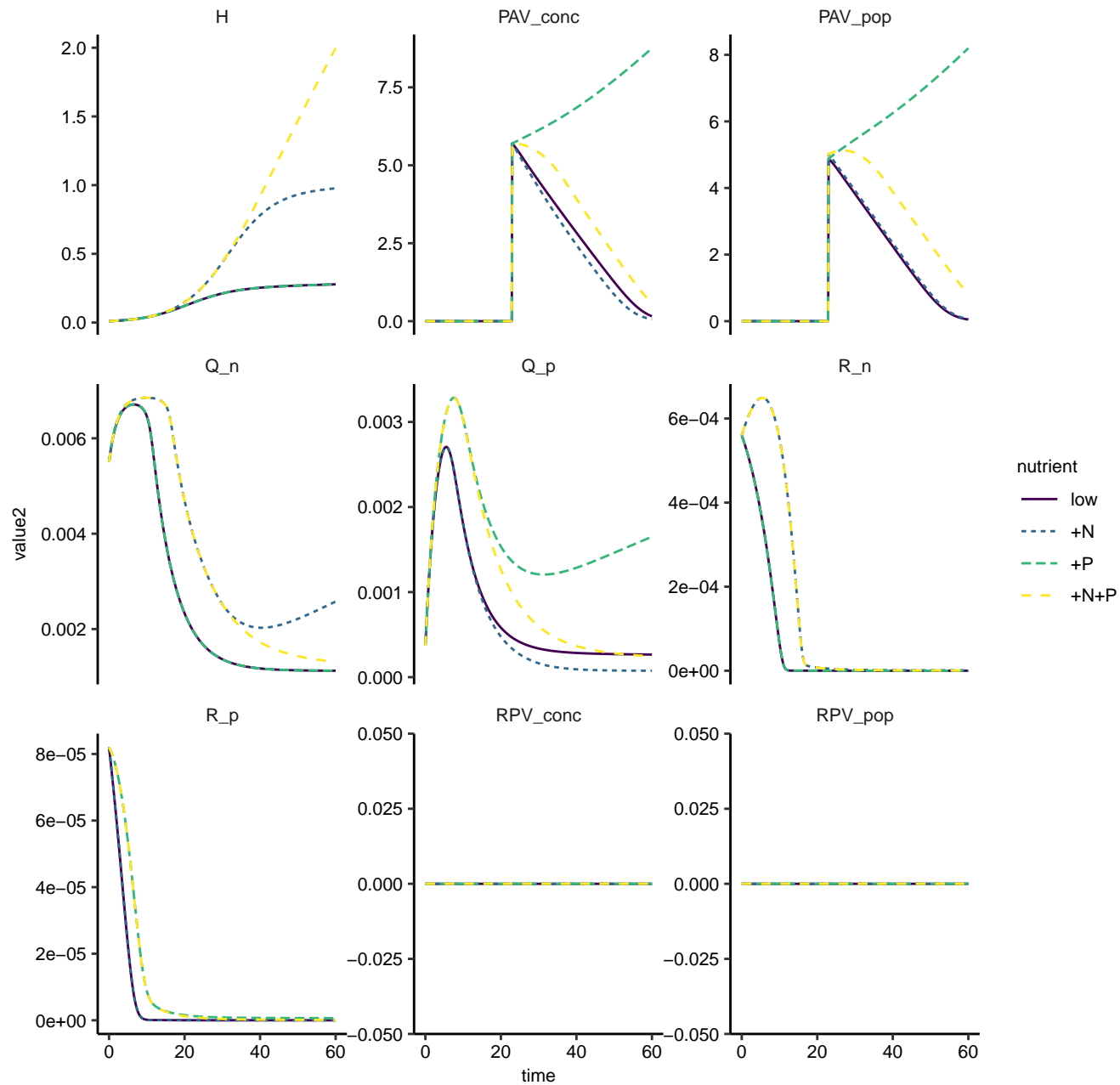
$q_{nb} = 1e-06$; $q_{pb} = 0.000219984813838268$



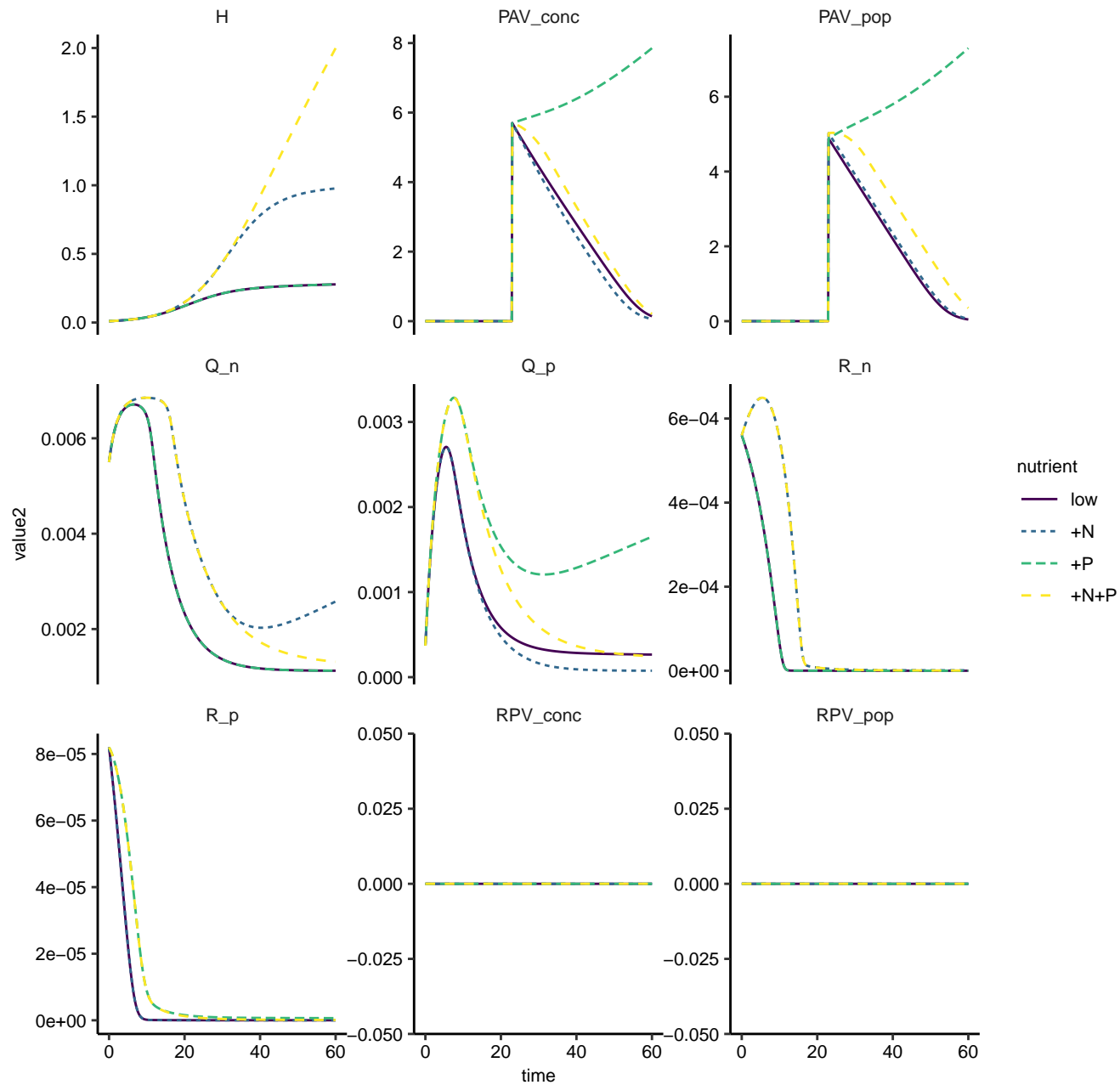
$q_{nb} = 1e-06$; $q_{pb} = 3e-04$



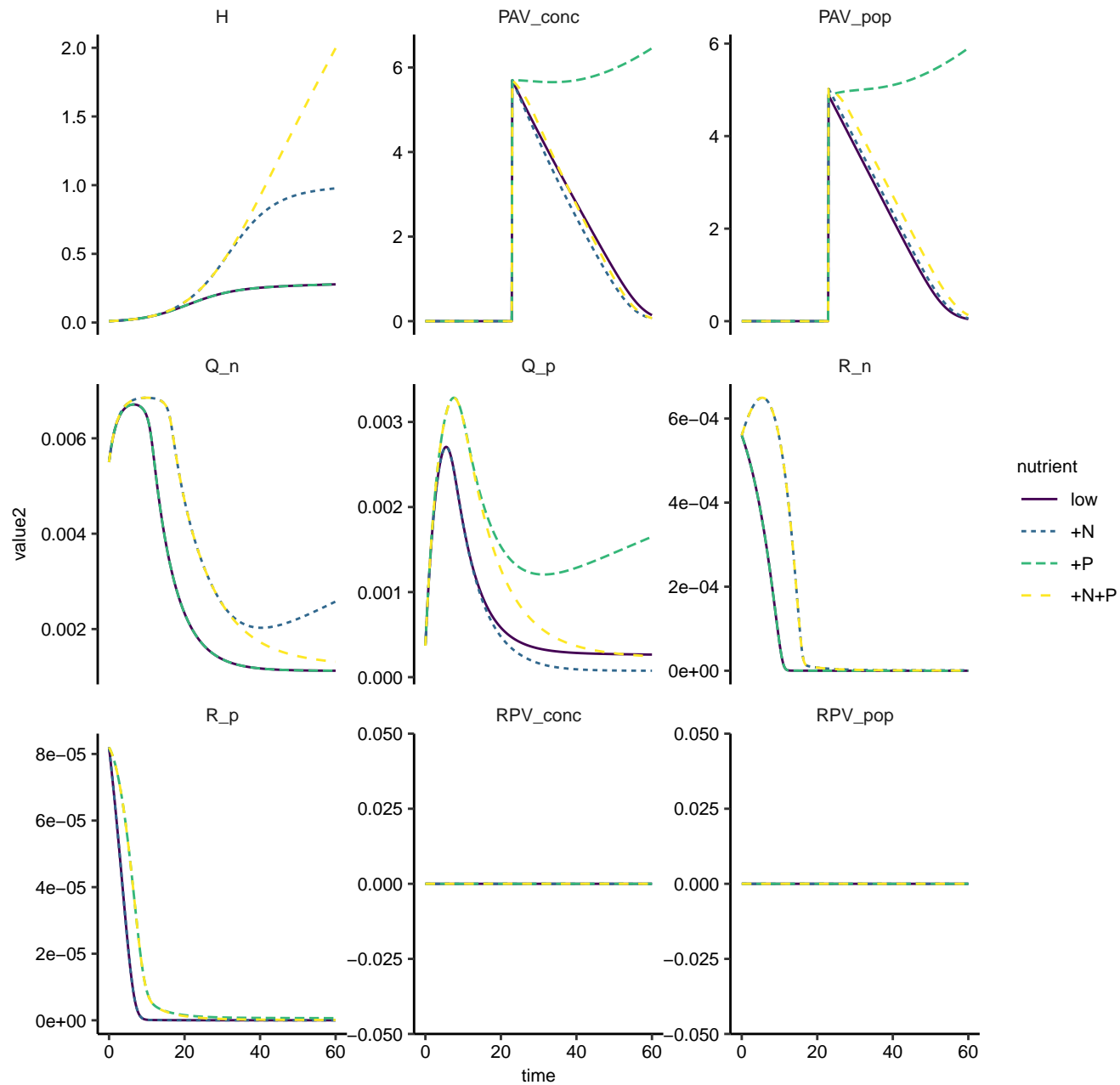
$q_{nb} = 1e-06$; $q_{pb} = 0.000407144927737209$



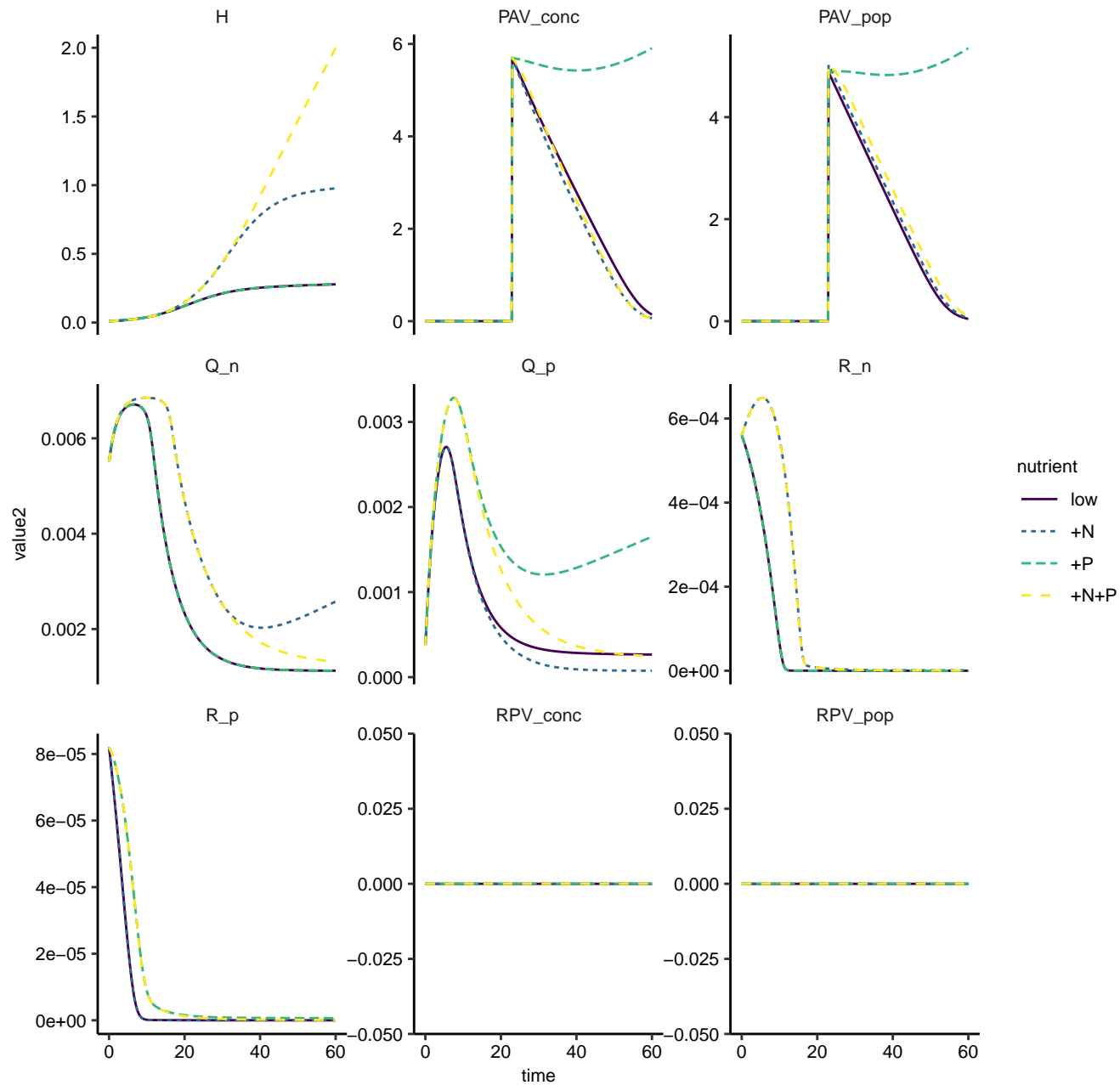
$q_{nb} = 1e-06$; $q_{pb} = 5e-04$



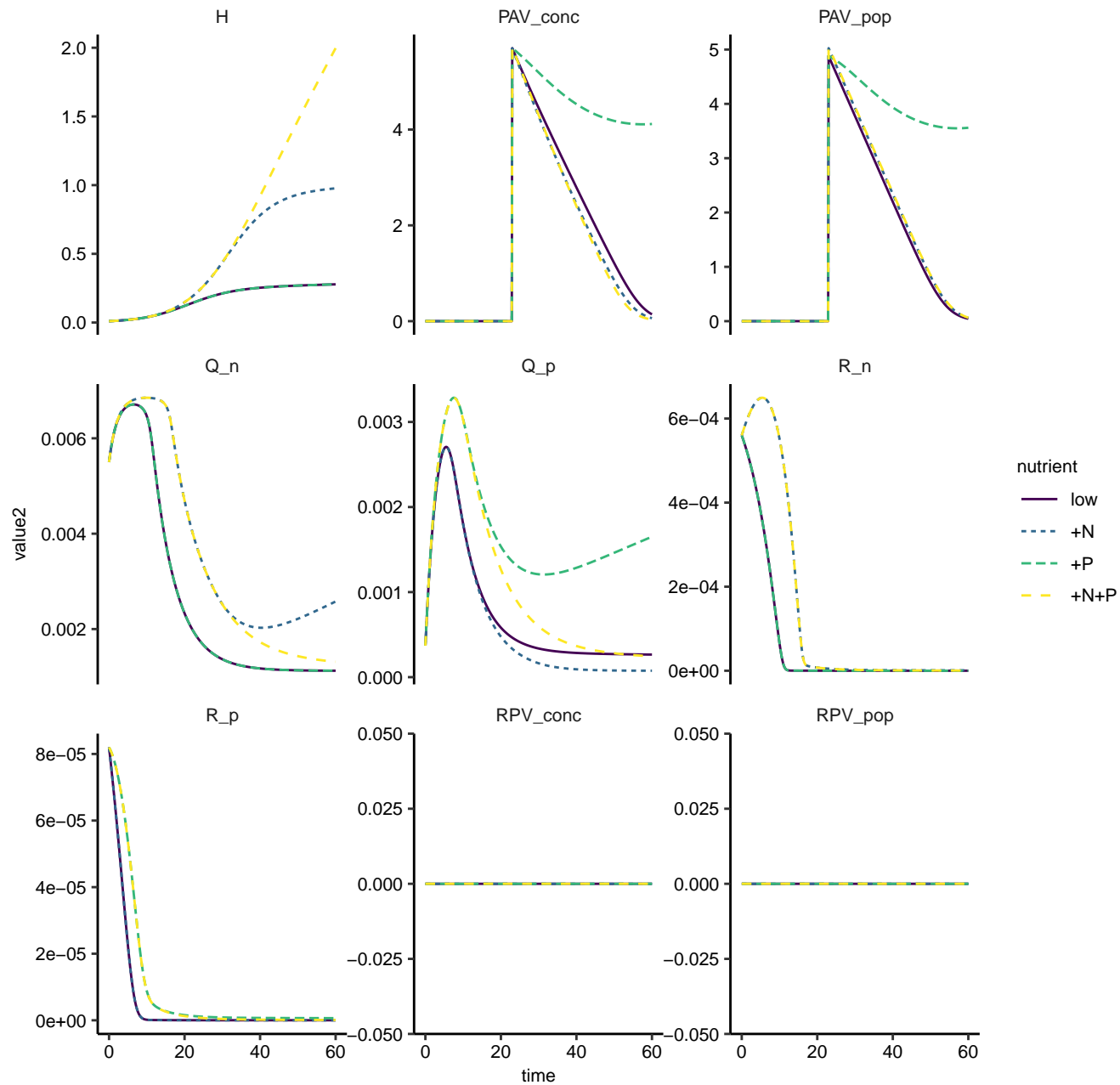
$q_{nb} = 1e-06$; $q_{pb} = 0.000643654384538669$



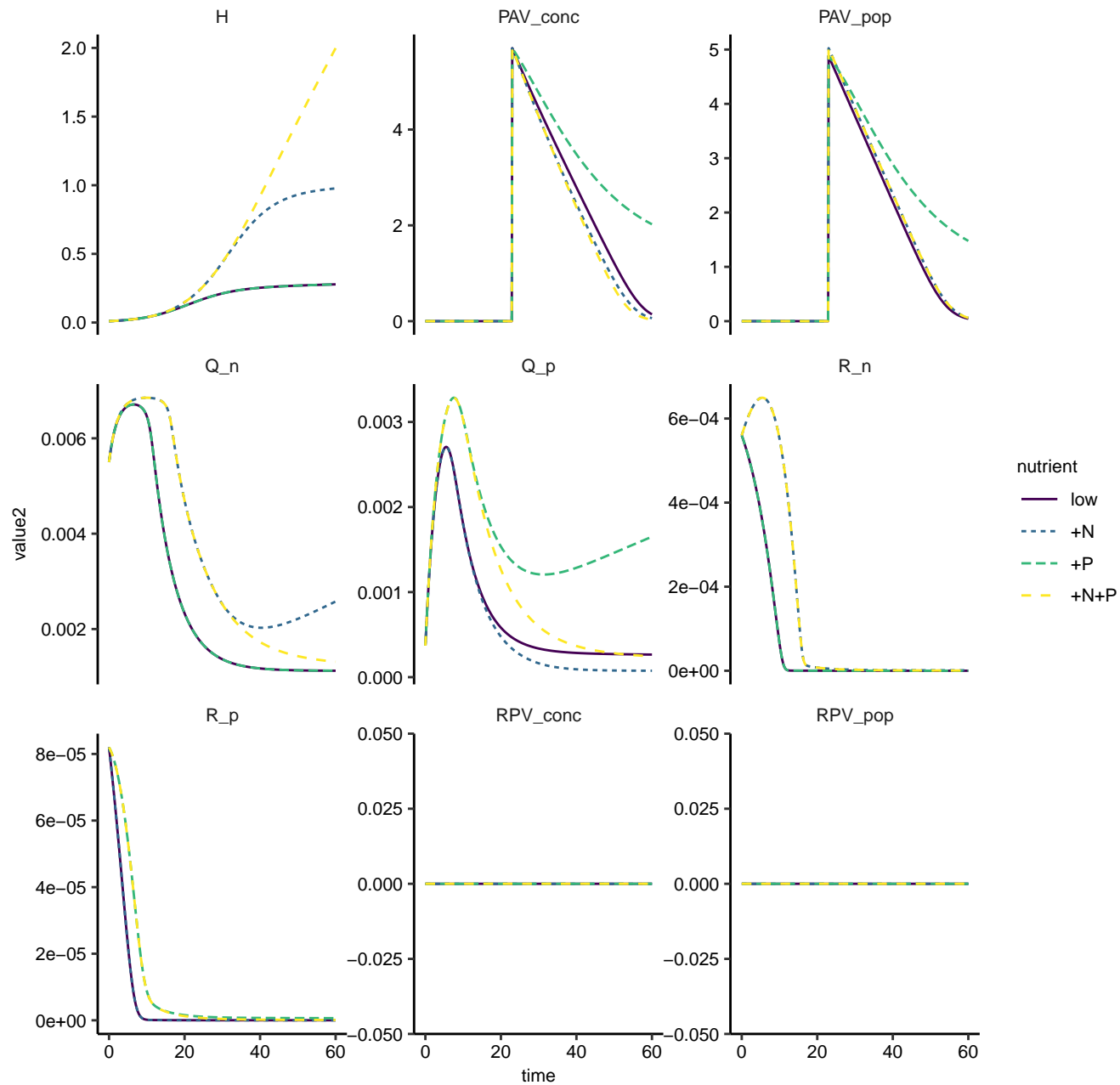
$q_{nb} = 1e-06$; $q_{pb} = 7e-04$



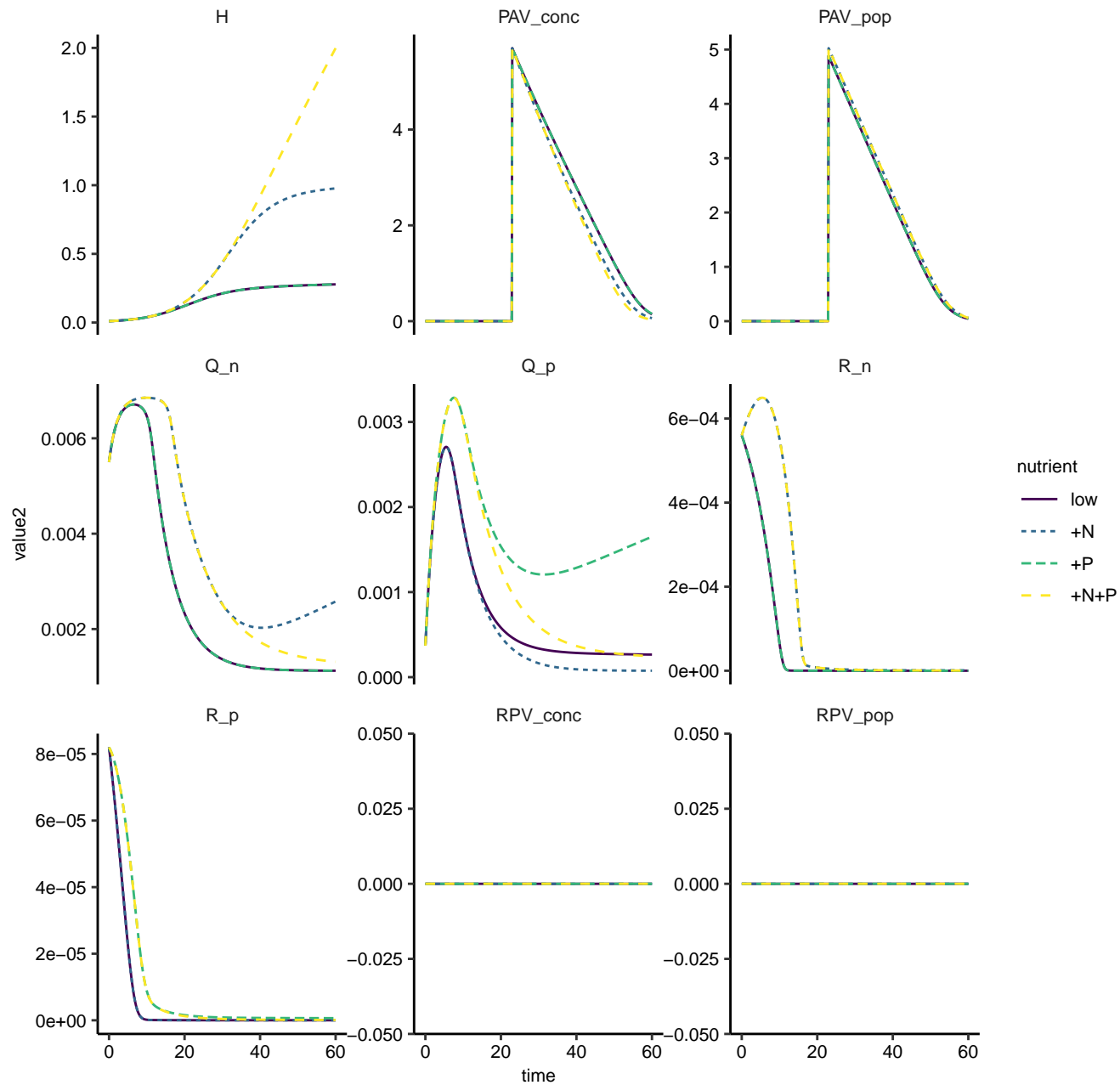
$q_{nb} = 1e-06$; $q_{pb} = 0.000884319769145505$



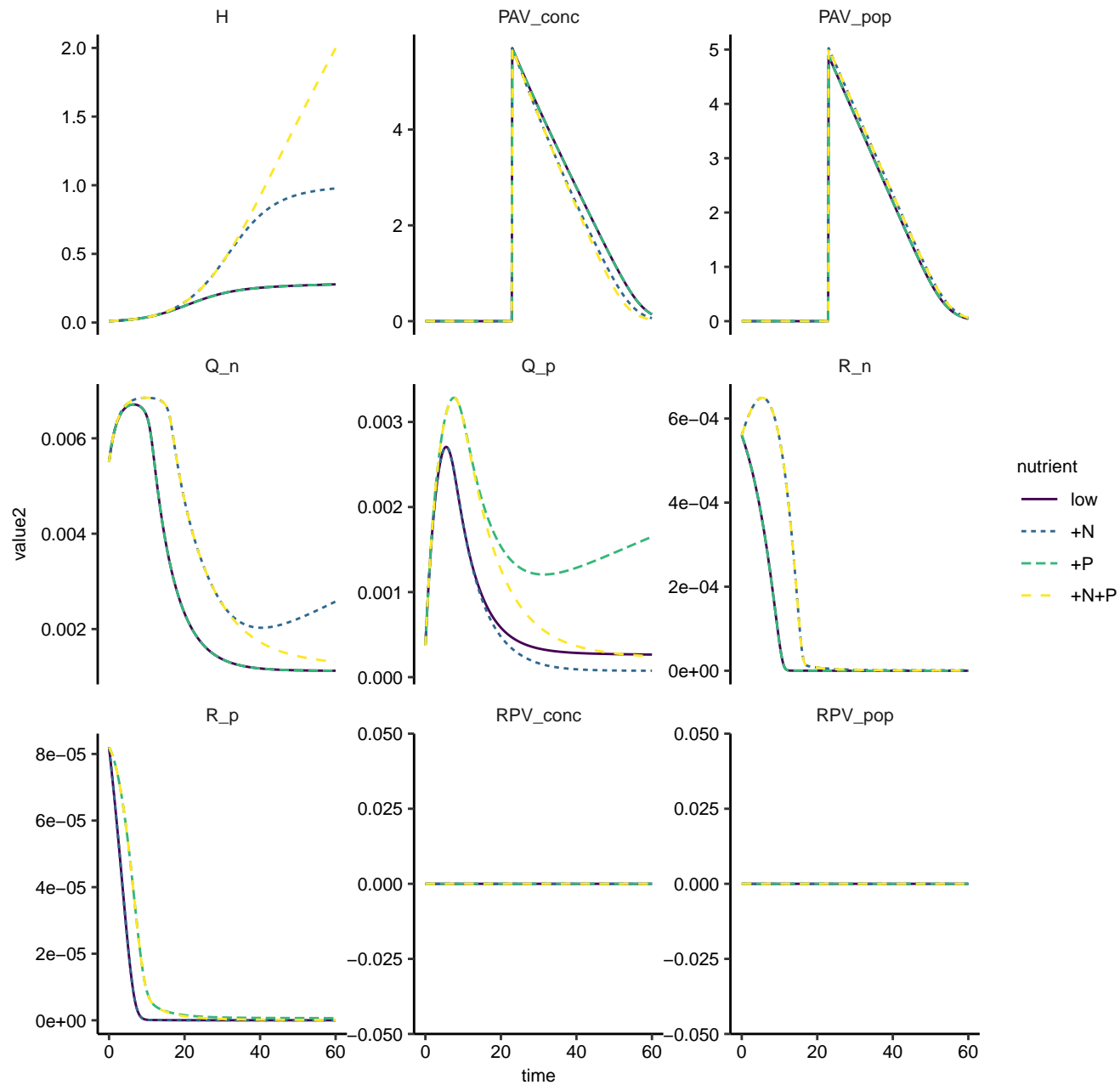
$q_{nb} = 1e-06$; $q_{pb} = 0.0011$



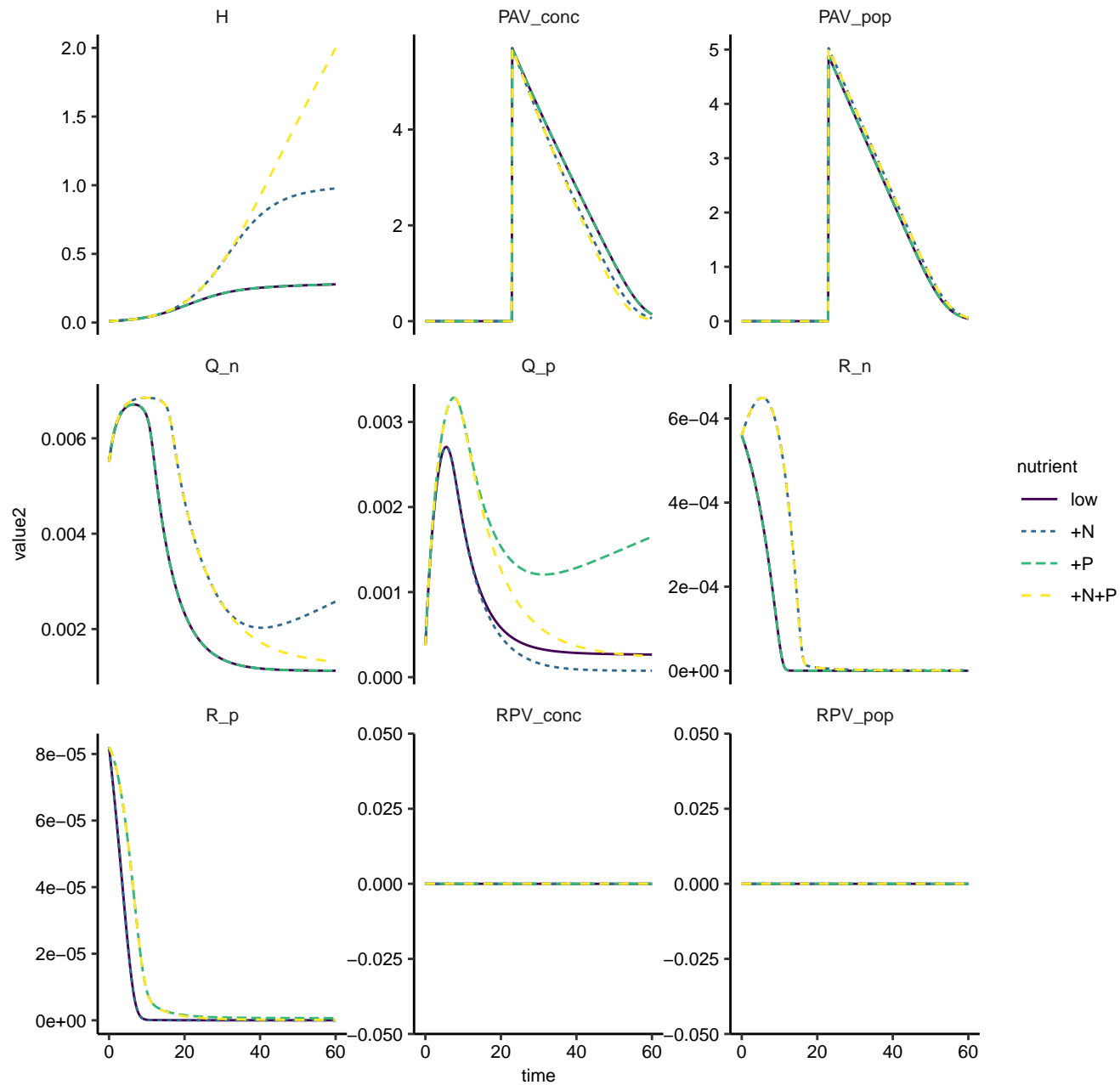
$q_{nb} = 1e-06$; $q_{pb} = 0.00156514280990797$



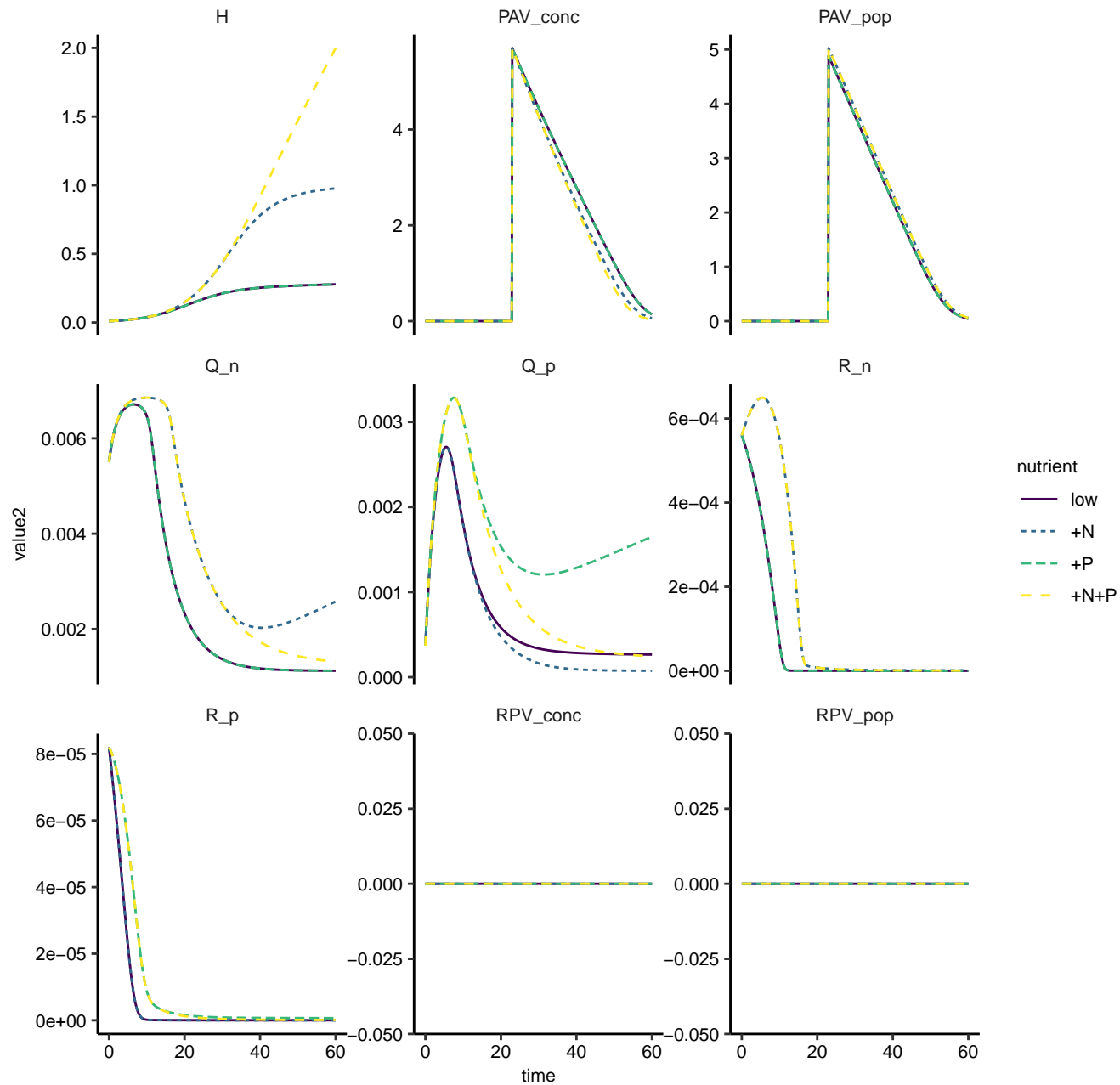
$q_{nb} = 1e-06$; $q_{pb} = 0.003$



$q_{nb} = 1e-06$; $q_{pb} = 0.005$



$q_{nb} = 1e-06$; $q_{pb} = 0.007$



$q_{nb} = 1e-06$; $q_{pb} = 0.01$

