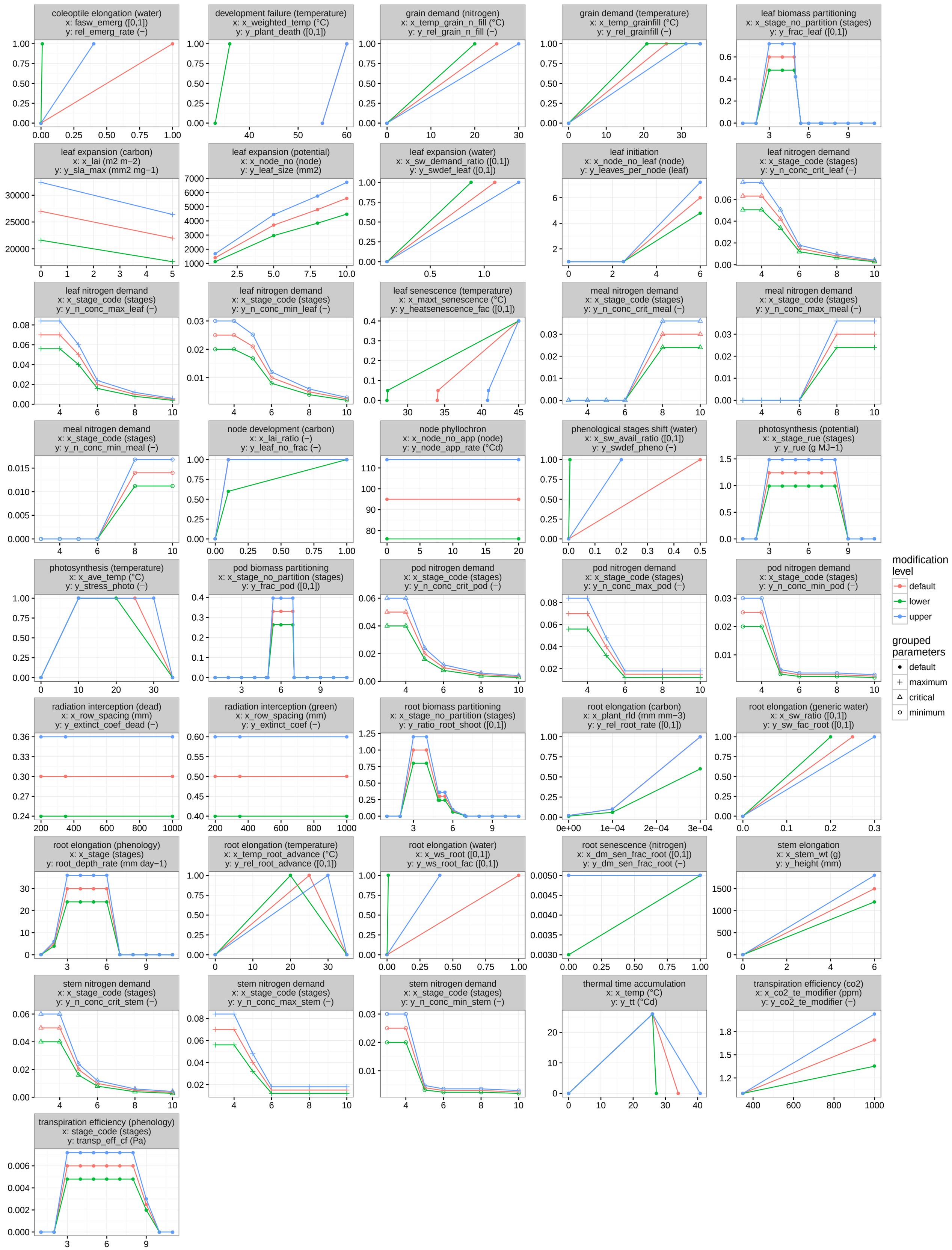
coleoptile elongation (water)
x: fasw_emerg ([0,1])
y: rel_emerg_rate (−)
development failure (temperature)
x: x_weighted_temp (°C)
y: y_plant_death ([0,1])
grain demand (nitrogen)
x: x_temp_grain_n_fill (°C)
y: y_rel_grain_n_fill (−)
grain demand (temperature)
x: x_temp_grainfill (°C)
y: y_rel_grainfill (−)
leaf biomass partitioning
x: x_stage_no_partition (stages)
y: y_frac_leaf ([0,1])
leaf expansion (carbon)
x: x_lai (m2 m−2)
y: y_sla_max (mm2 mg−1)
leaf expansion (potential)
x: x_node_no (node)
y: y_leaf_size (mm2)
leaf expansion (water)
x: x_sw_demand_ratio ([0,1])
y: y_swdef_leaf ([0,1])
leaf initiation
x: x_node_no_leaf (node)
y: y_leaves_per_node (leaf)
leaf nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_crit_leaf (−)
leaf nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_max_leaf (−)
leaf nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_min_leaf (−)
leaf senescence (temperature)
x: x_maxt_senescence (°C)
y: y_heatsenescence_fac ([0,1])
meal nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_crit_meal (−)
meal nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_max_meal (−)
meal nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_min_meal (−)
node development (carbon)
x: x_lai_ratio (−)
y: y_leaf_no_frac (−)
node phyllochron
x: x_node_no_app (node)
y: y_node_app_rate (°Cd)
phenological stages shift (water)
x: x_sw_avail_ratio ([0,1])
y: y_swdef_pheno (−)
photosynthesis (potential)
x: x_stage_rue (stages)
y: y_rue (g MJ−1)
photosynthesis (temperature)
x: x_ave_temp (°C)
y: y_stress_photo (−)
pod biomass partitioning
x: x_stage_no_partition (stages)
y: y_frac_pod ([0,1])
pod nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_crit_pod (−)
pod nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_max_pod (−)
pod nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_min_pod (−)
radiation interception (dead)
x: x_row_spacing (mm)
y: y_extinct_coef_dead (−)
radiation interception (green)
x: x_row_spacing (mm)
y: y_extinct_coef (−)
root biomass partitioning
x: x_stage_no_partition (stages)
y: y_ratio_root_shoot ([0,1])
root elongation (carbon)
x: x_plant_rld (mm mm−3)
y: y_rel_root_rate ([0,1])
root elongation (generic water)
x: x_sw_ratio ([0,1])
y: y_sw_fac_root ([0,1])
root elongation (phenology)
x: x_stage (stages)
y: root_depth_rate (mm day−1)
root elongation (temperature)
x: x_temp_root_advance (°C)
y: y_rel_root_advance ([0,1])
root elongation (water)
x: x_ws_root ([0,1])
y: y_ws_root_fac ([0,1])
root senescence (nitrogen)
x: x_dm_sen_frac_root ([0,1])
y: y_dm_sen_frac_root (−)
stem elongation
x: x_stem_wt (g)
y: y_height (mm)
stem nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_crit_stem (−)
stem nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_max_stem (−)
stem nitrogen demand
x: x_stage_code (stages)
y: y_n_conc_min_stem (−)
thermal time accumulation
x: x_temp (°C)
y: y_tt (°Cd)
transpiration efficiency (co2)
x: x_co2_te_modifier (ppm)
y: y_co2_te_modifier (−)
transpiration efficiency (phenology)
x: stage_code (stages)
y: transp_eff_cf (Pa)
modification level
default
lower
upper
grouped parameters
default
maximum
critical
minimum