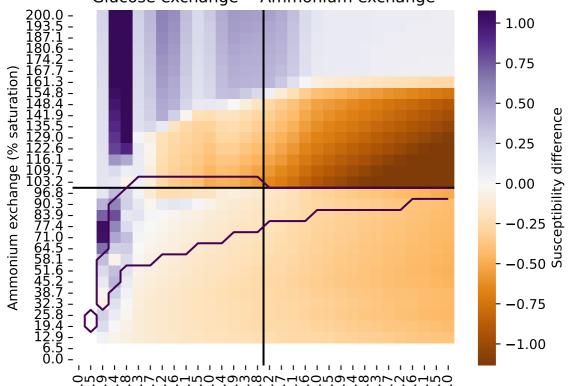
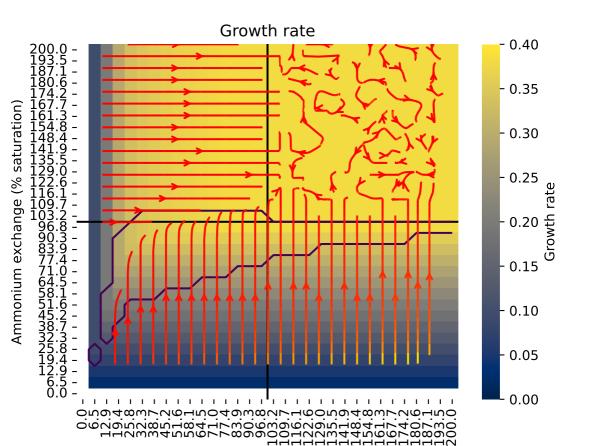
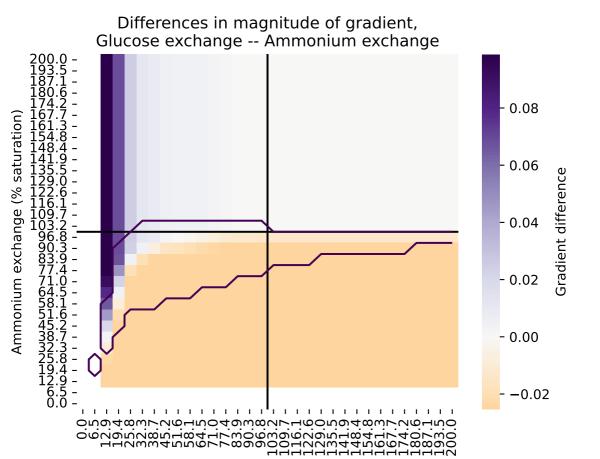


Differences in magnitude of susceptibility of ratio, Glucose exchange -- Ammonium exchange



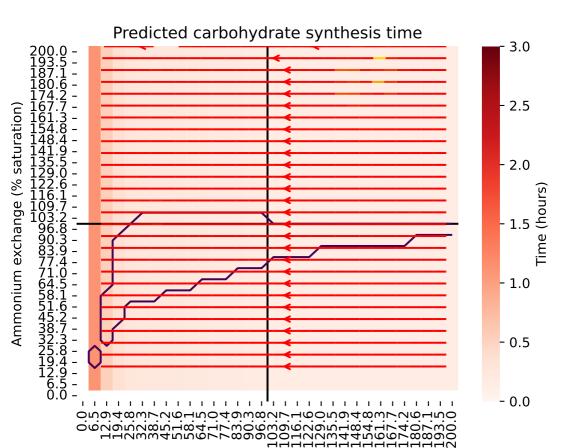
H

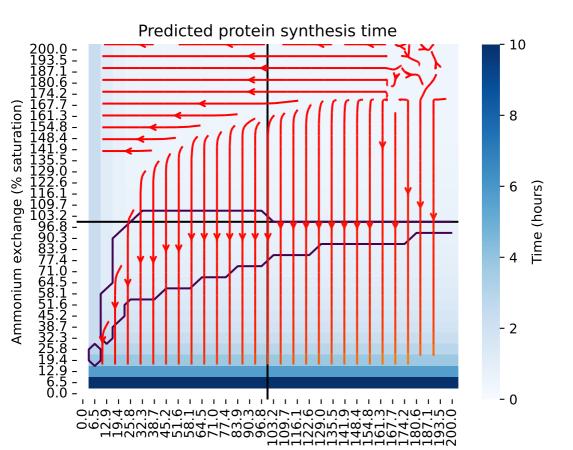


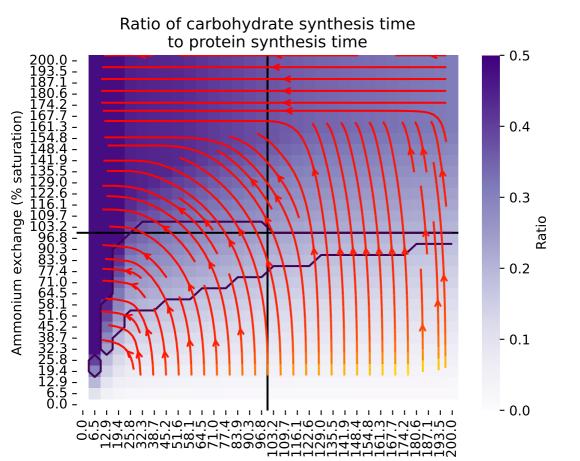


Differences in magnitude of susceptibility, Glucose exchange -- Ammonium exchange 6 saturation Susceptibility difference Ammonium exchange (%

H







Euclidean distance between enzyme usage flux vectors: prioritising protein vs carbohydrate 0.00200 0.00175 0.00150 0.00125 0.00100 0.00075 0.00050 0.00025 - 0.00000

O $\tilde{N}$ O

saturation

Ammonium exchange (%