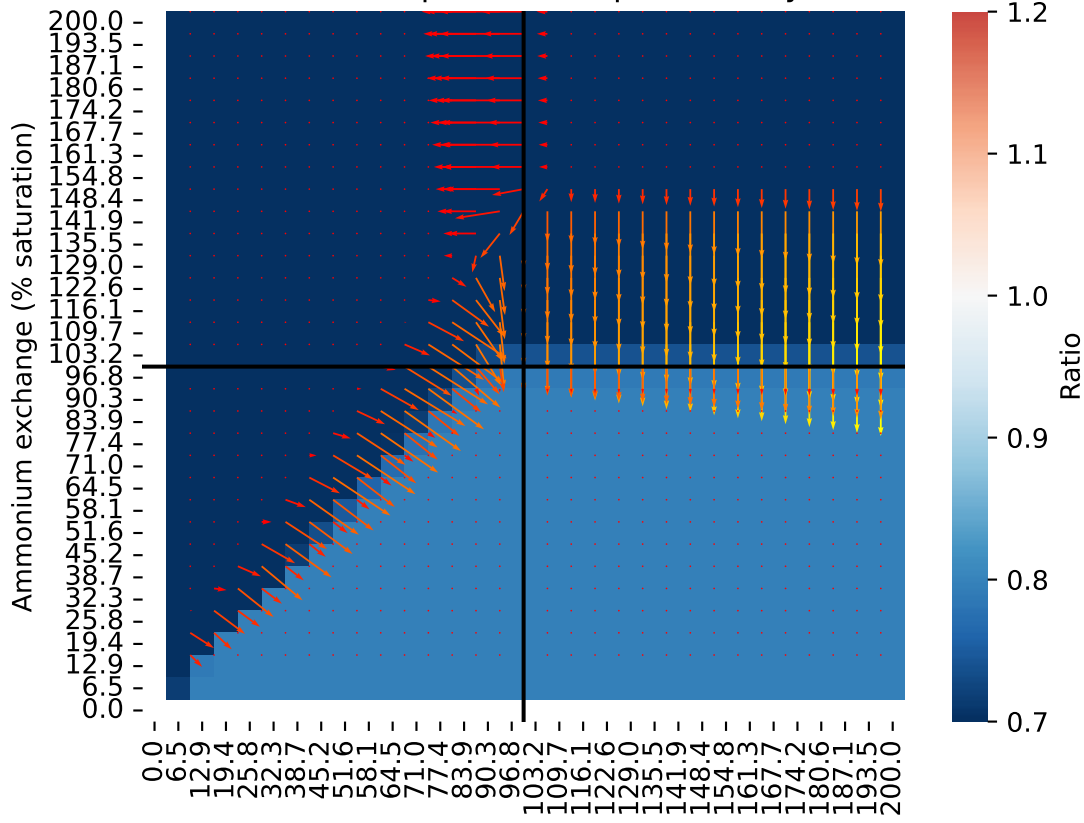
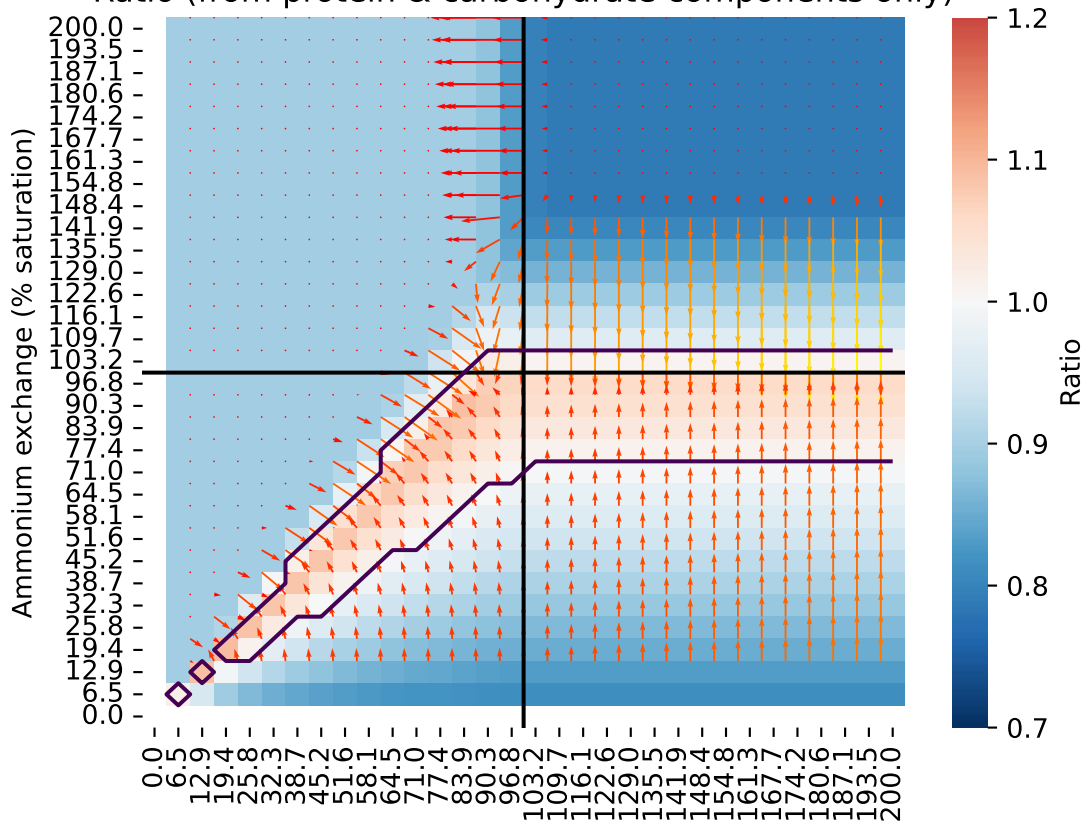


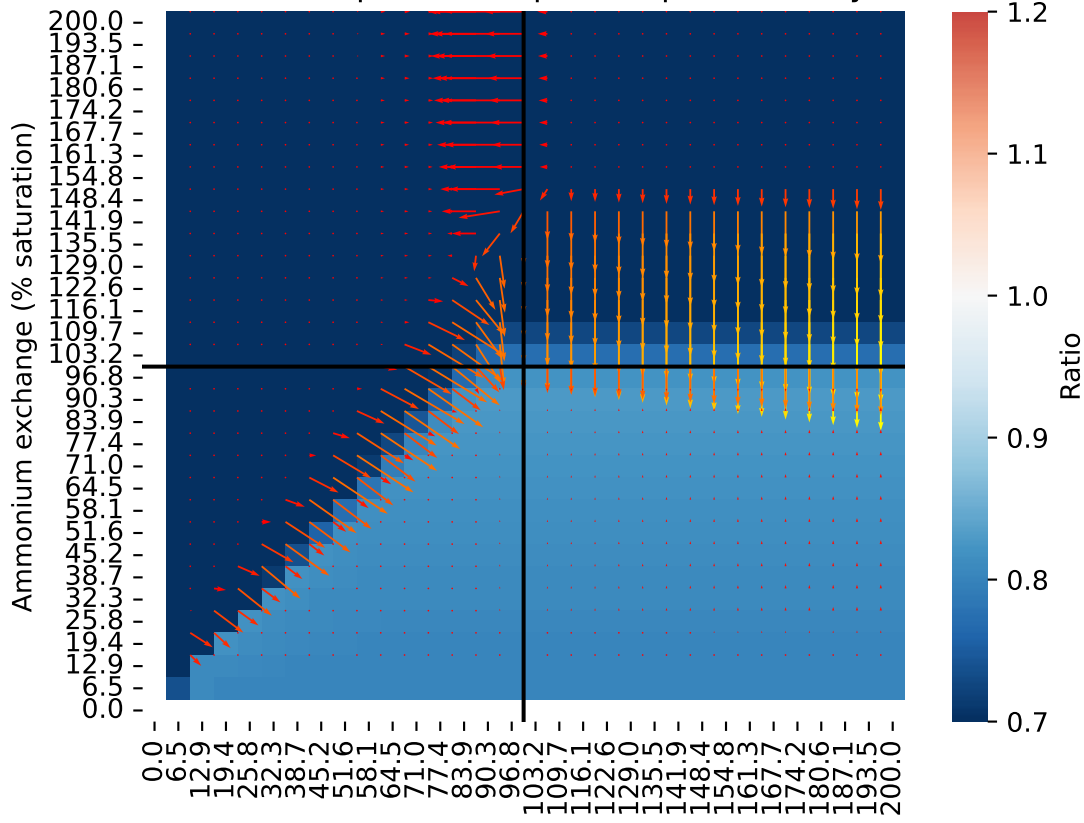
Ratio (from protein component only)



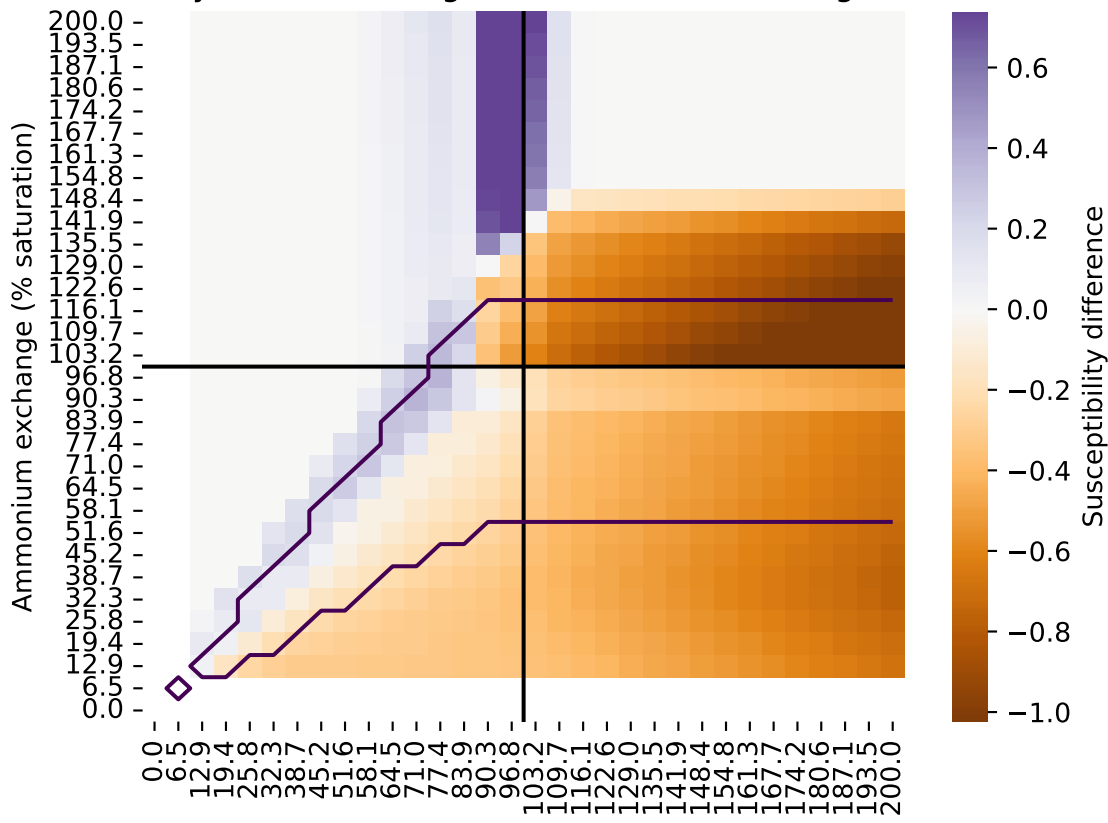
Ratio (from protein & carbohydrate components only)

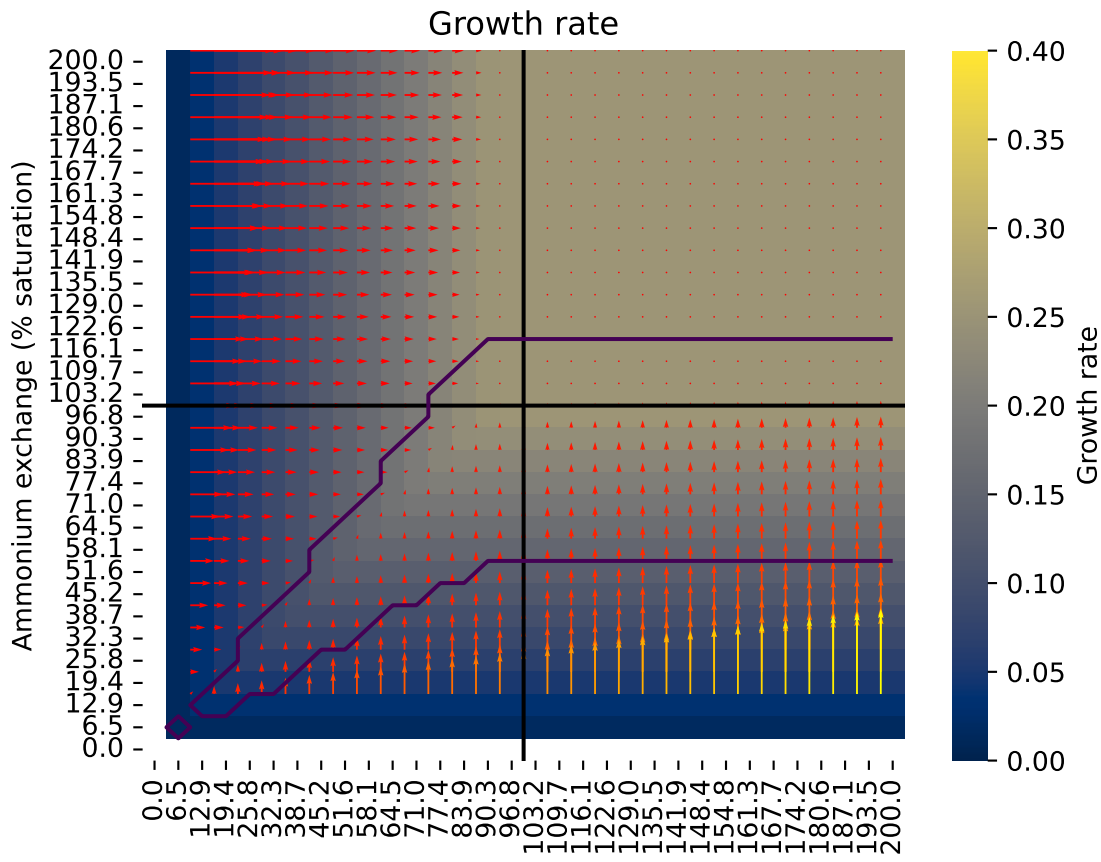


Ratio (from protein & lipid components only)

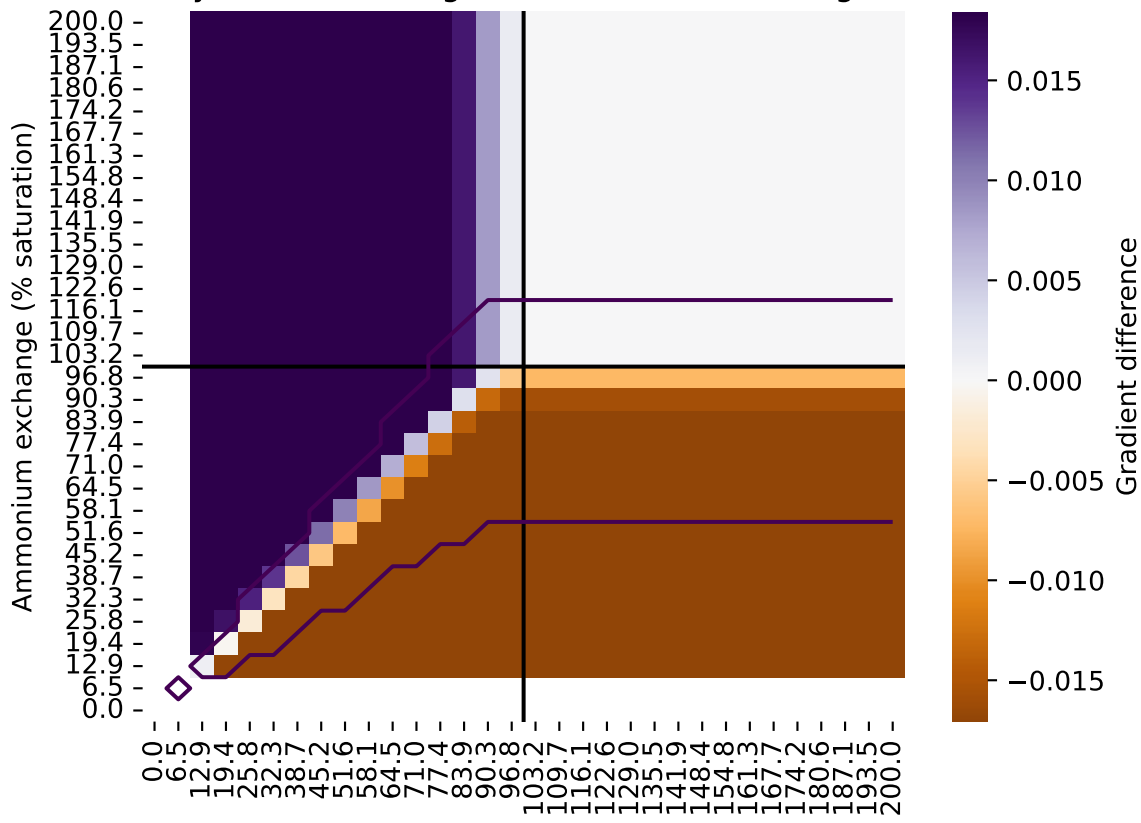


Differences in magnitude of susceptibility of ratio, Pyruvate exchange -- Ammonium exchange

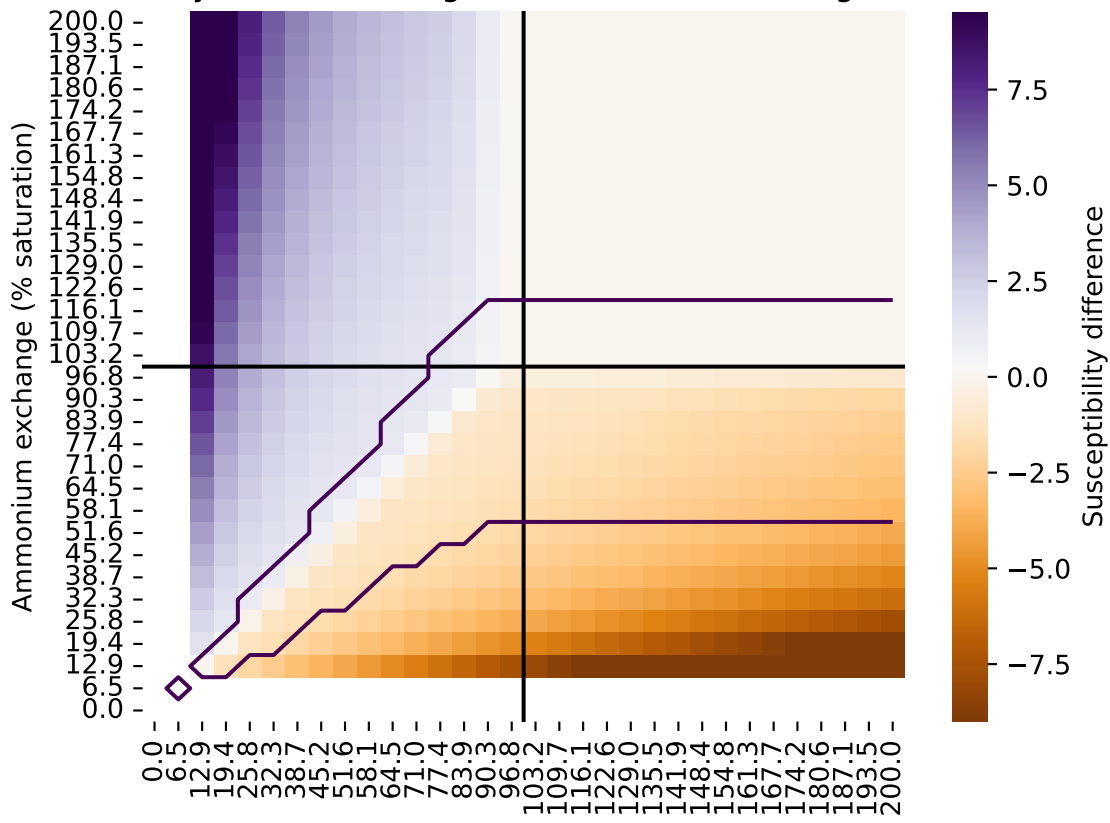




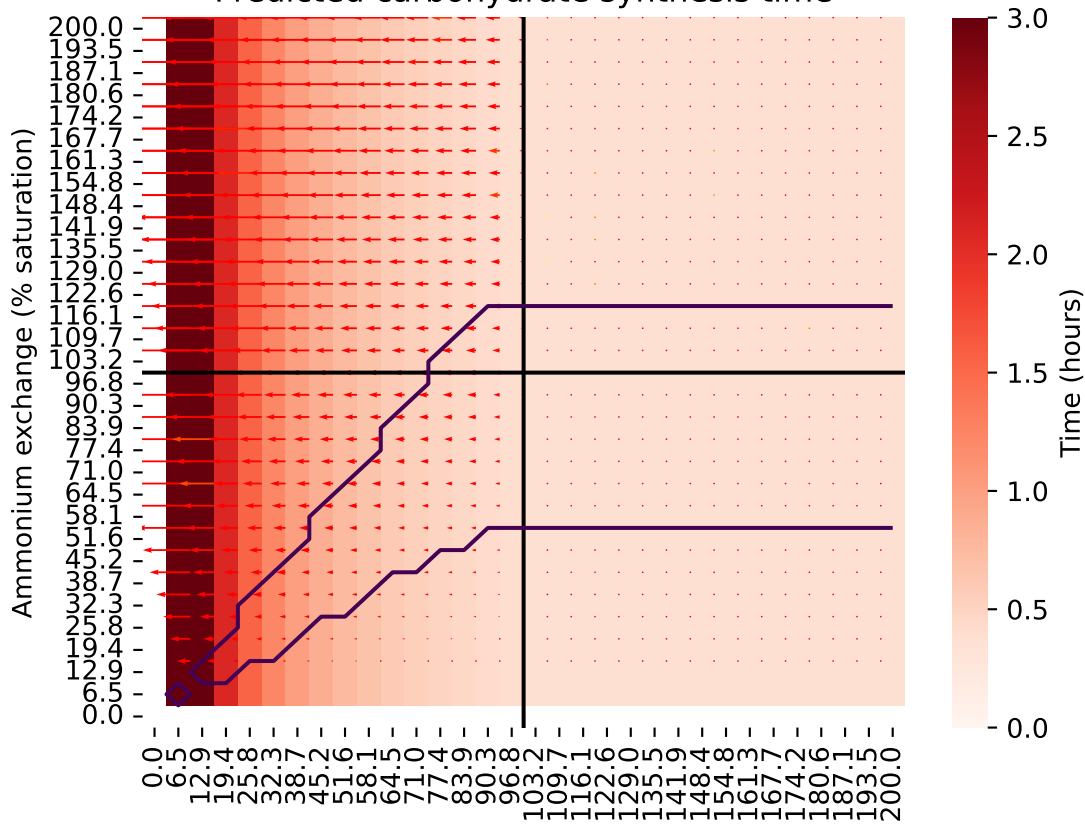
Differences in magnitude of gradient, Pyruvate exchange -- Ammonium exchange

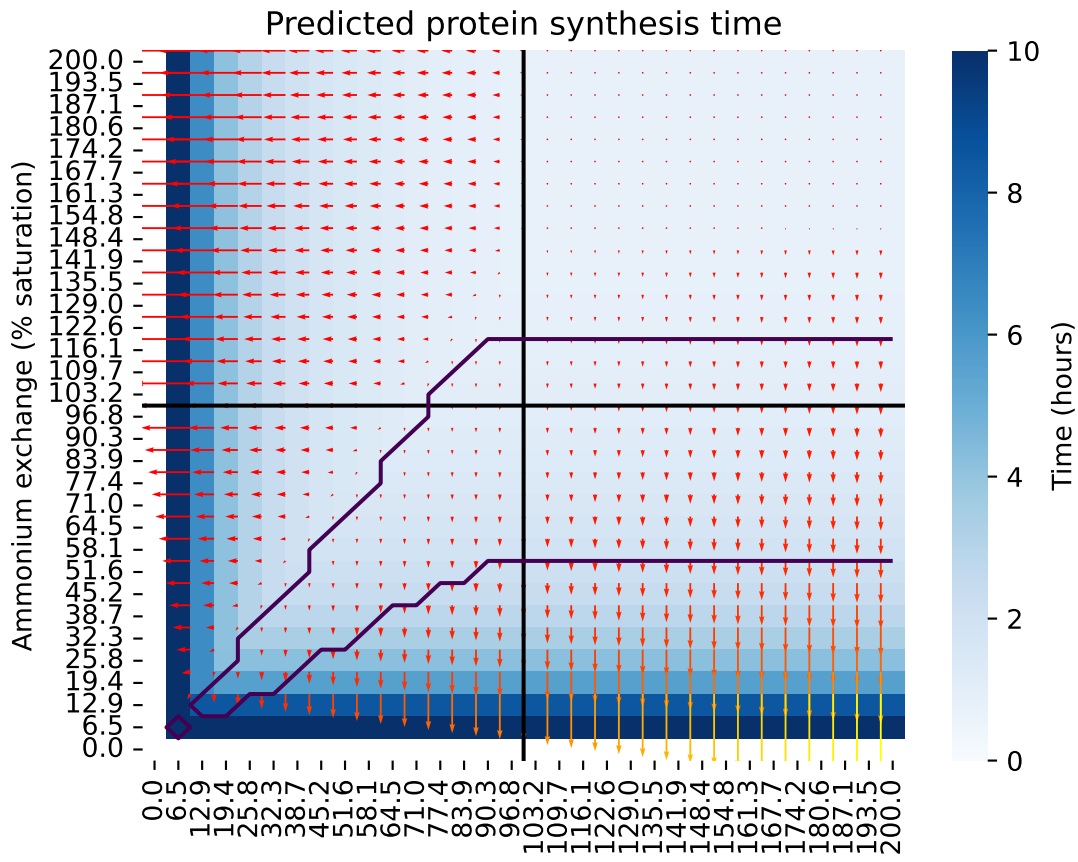


Differences in magnitude of susceptibility, Pyruvate exchange -- Ammonium exchange



Predicted carbohydrate synthesis time





Ratio of carbohydrate synthesis time to protein synthesis time

