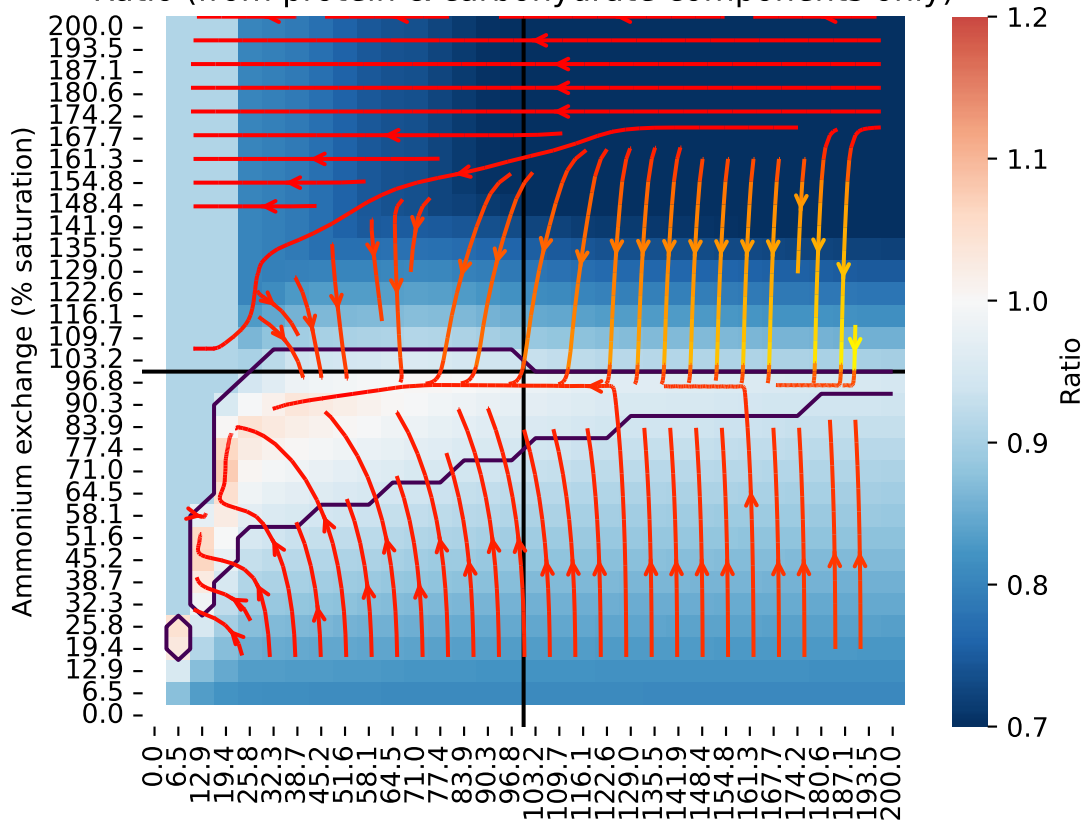
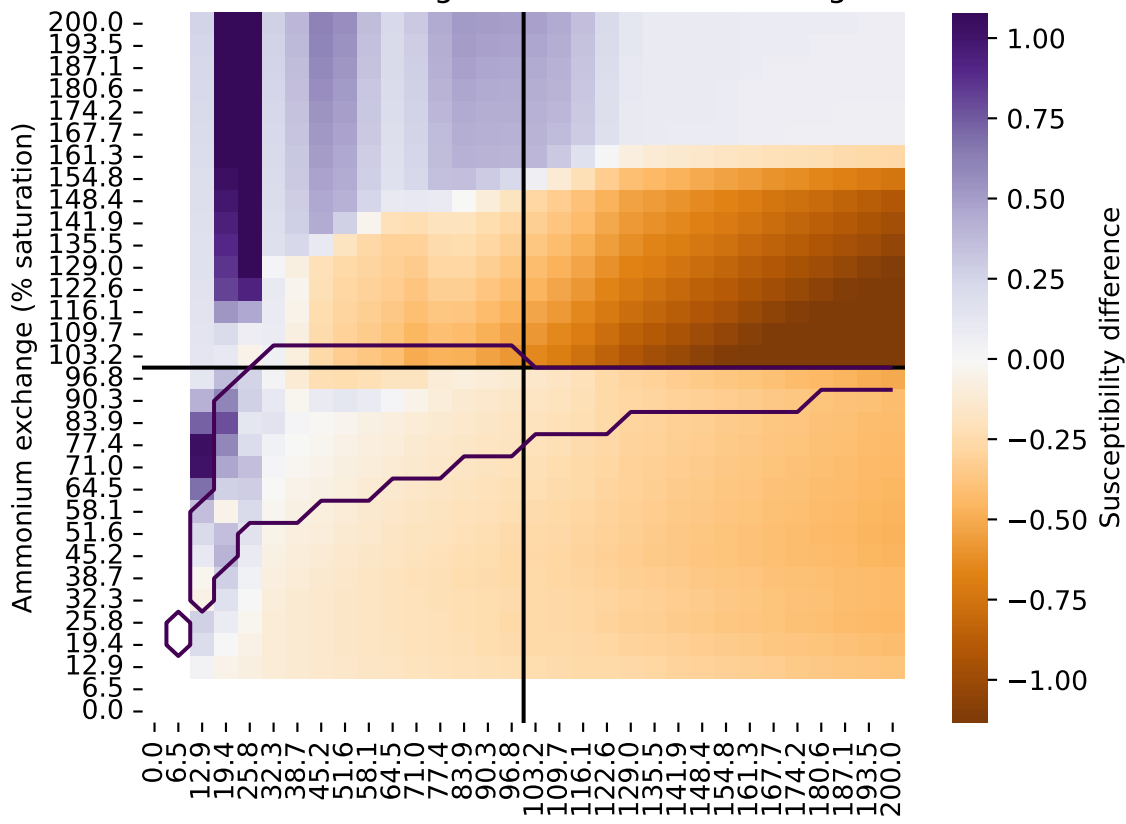
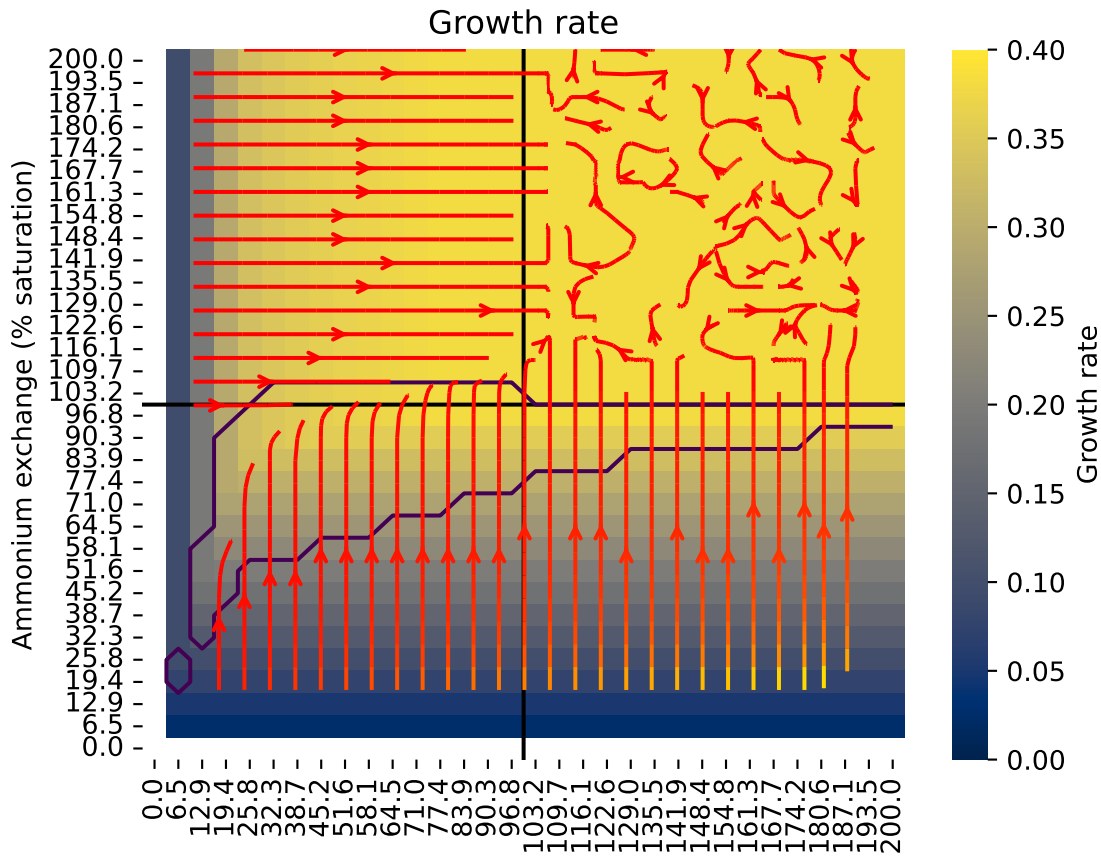


Ratio (from protein & carbohydrate components only)

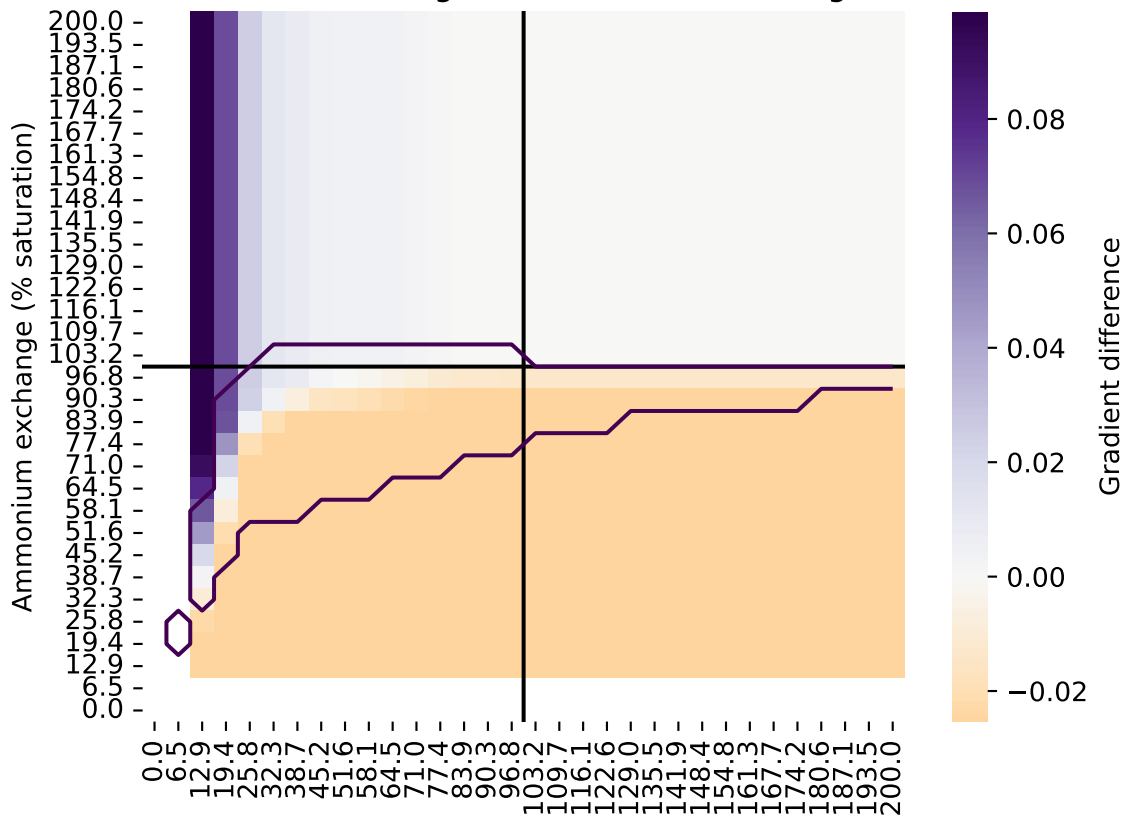


# Differences in magnitude of susceptibility of ratio, Glucose exchange -- Ammonium exchange

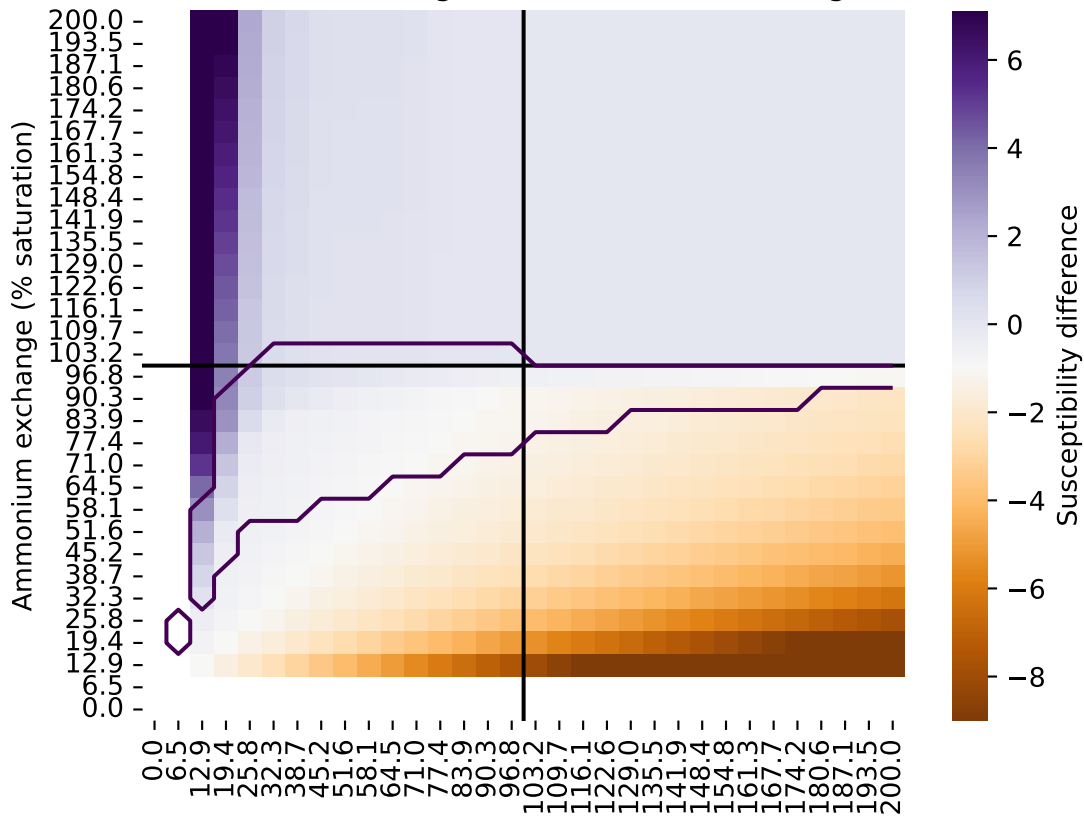




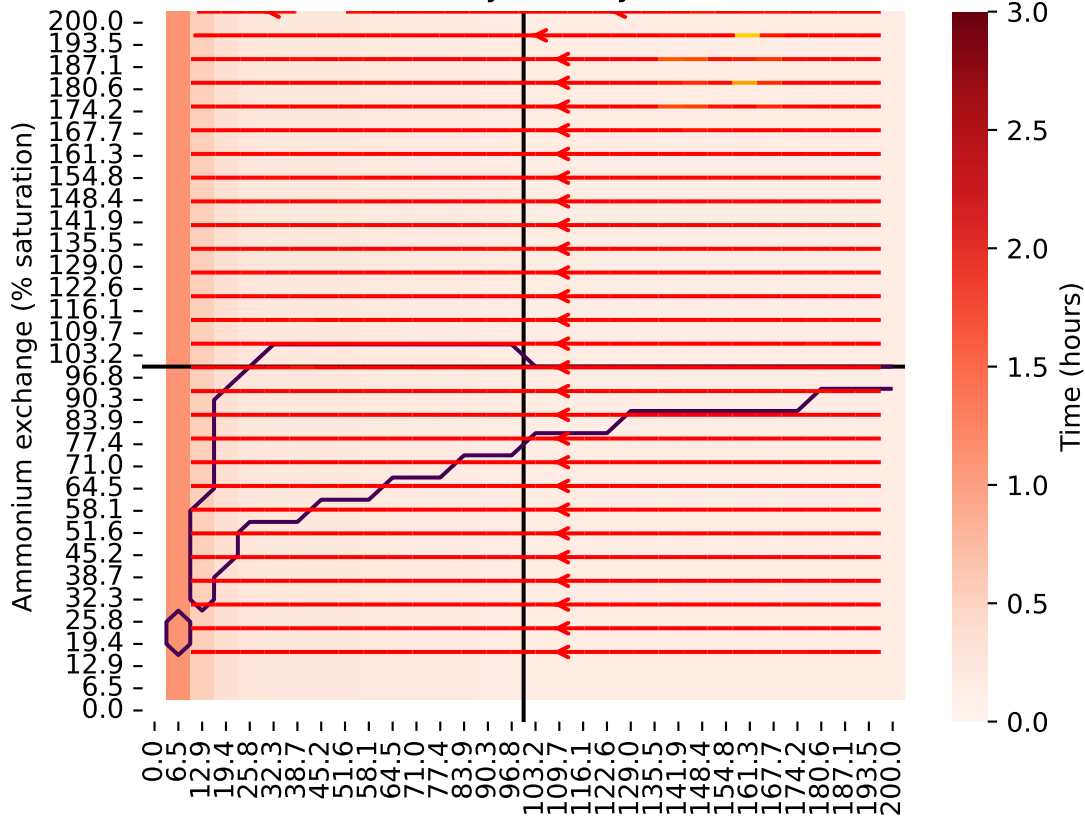
# Differences in magnitude of gradient, Glucose exchange -- Ammonium exchange



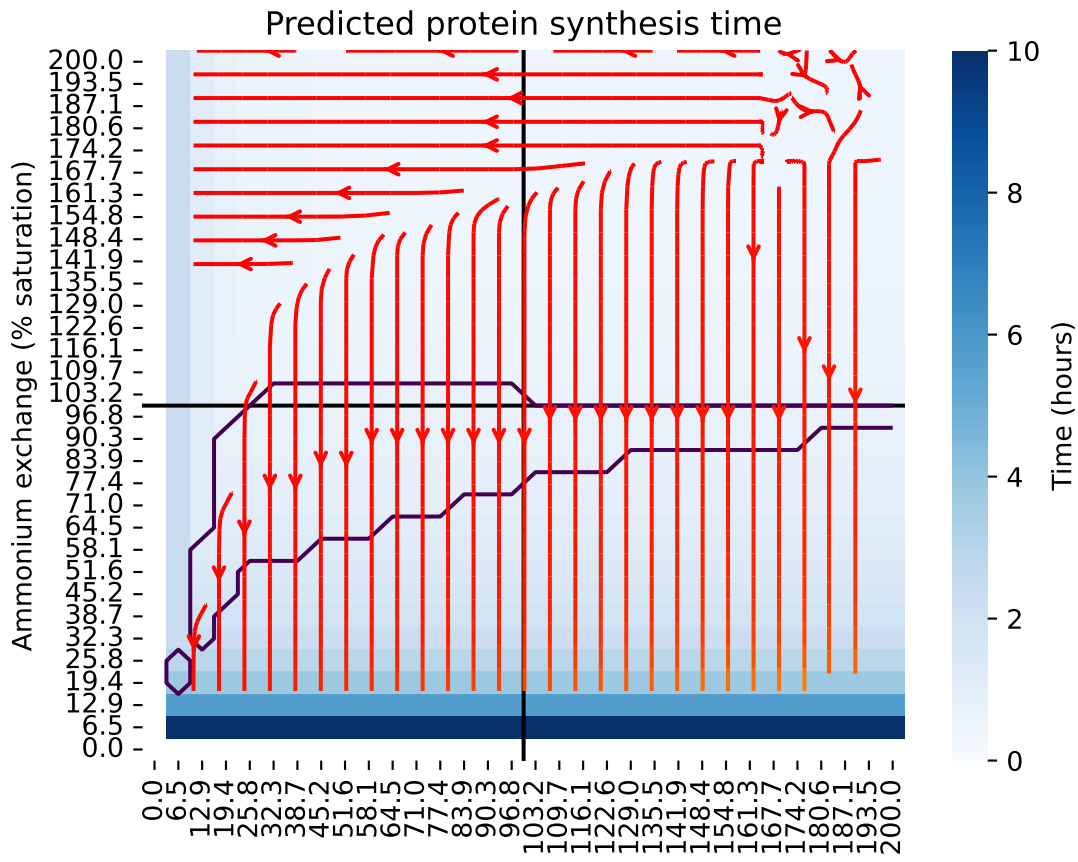
# Differences in magnitude of susceptibility, Glucose exchange -- Ammonium exchange



# Predicted carbohydrate synthesis time







# Ratio of carbohydrate synthesis time to protein synthesis time

