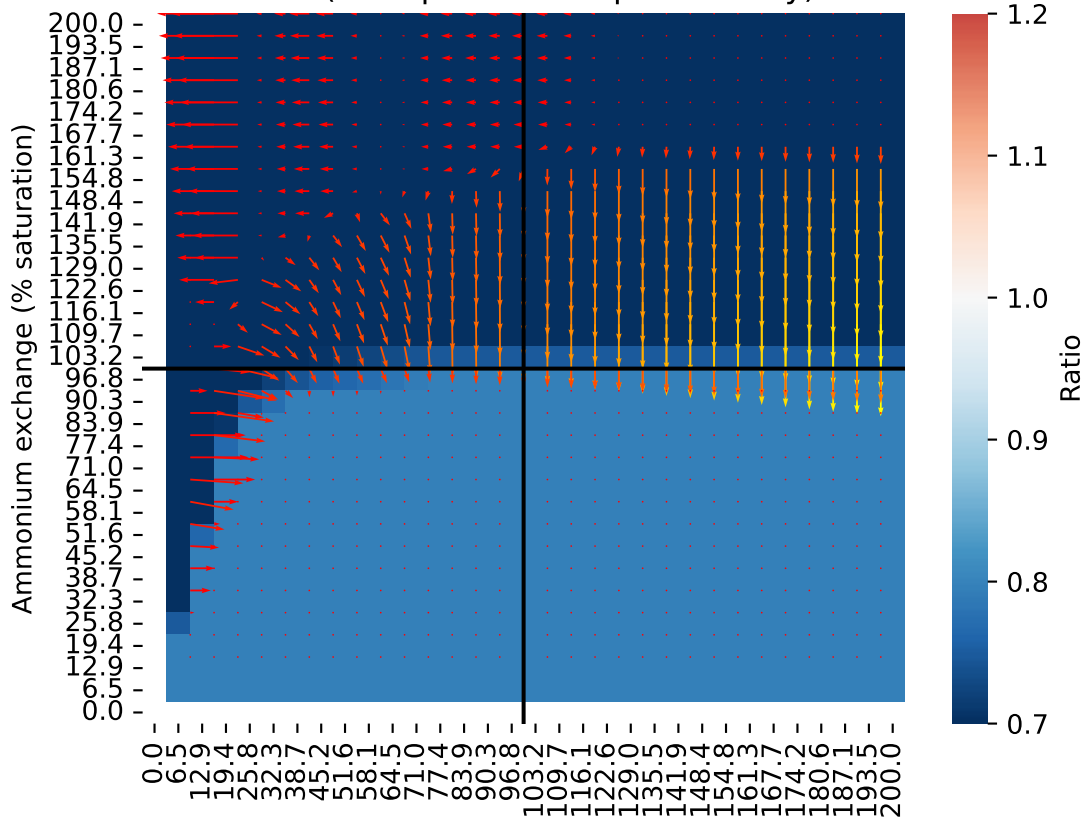Ratio
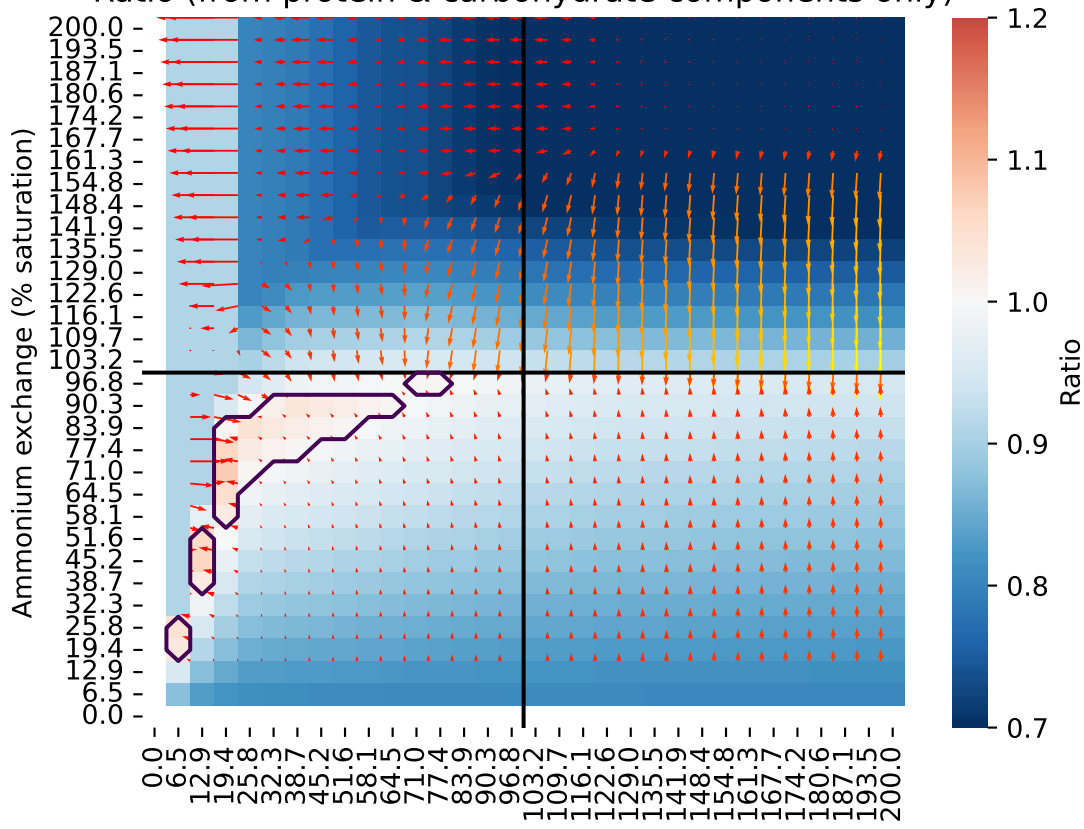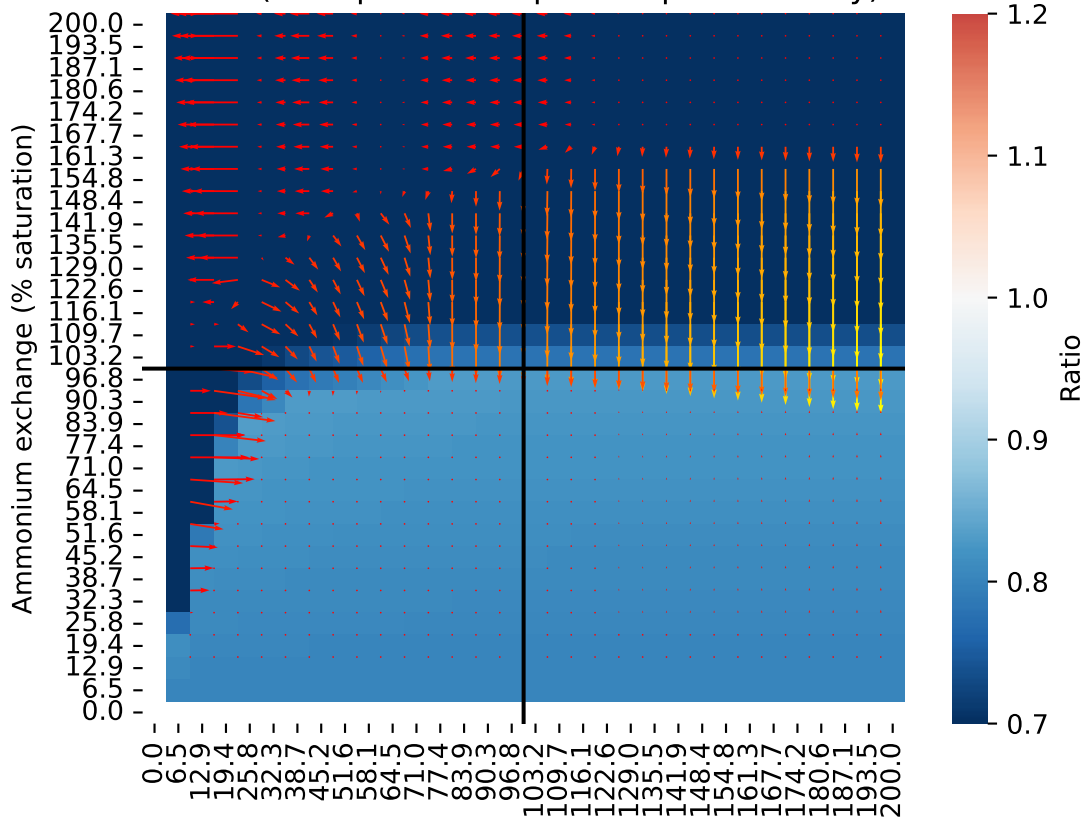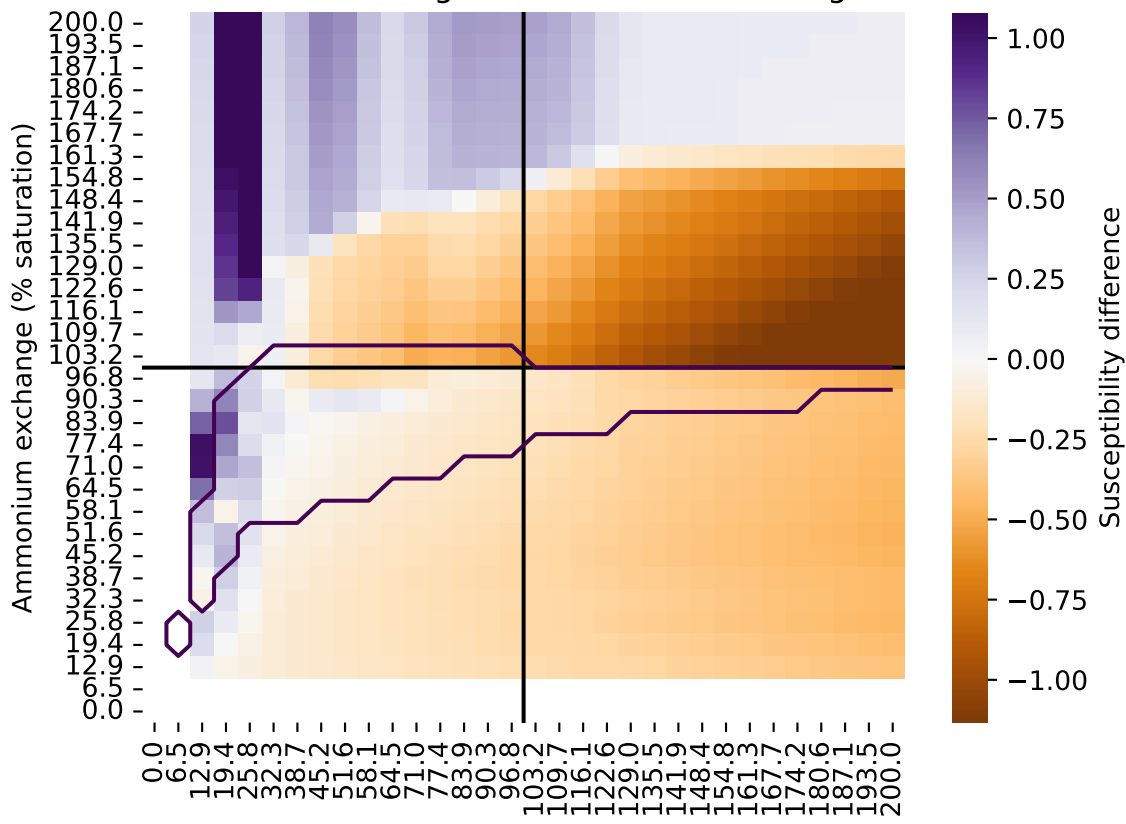
Ratio (from protein component only)

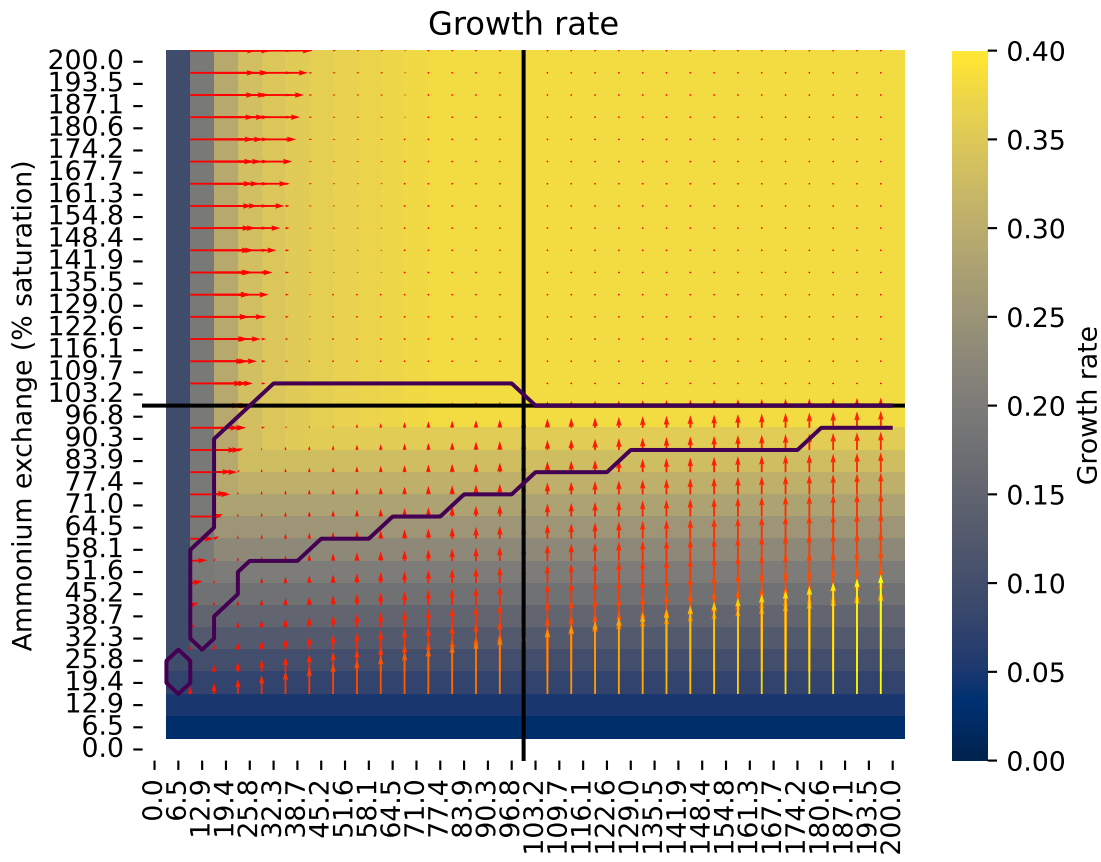Ratio (from protein & carbohydrate components only)

Ratio (from protein & lipid components only)

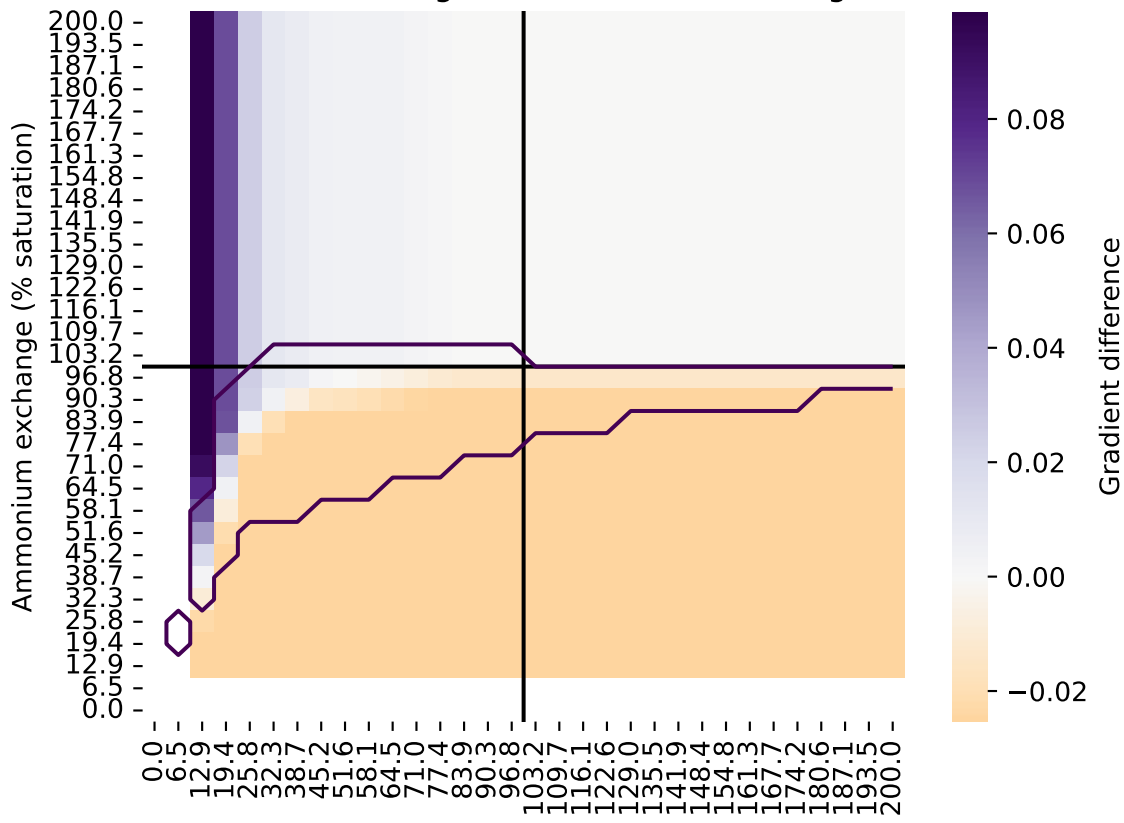Differences in magnitude of susceptibility of ratio,
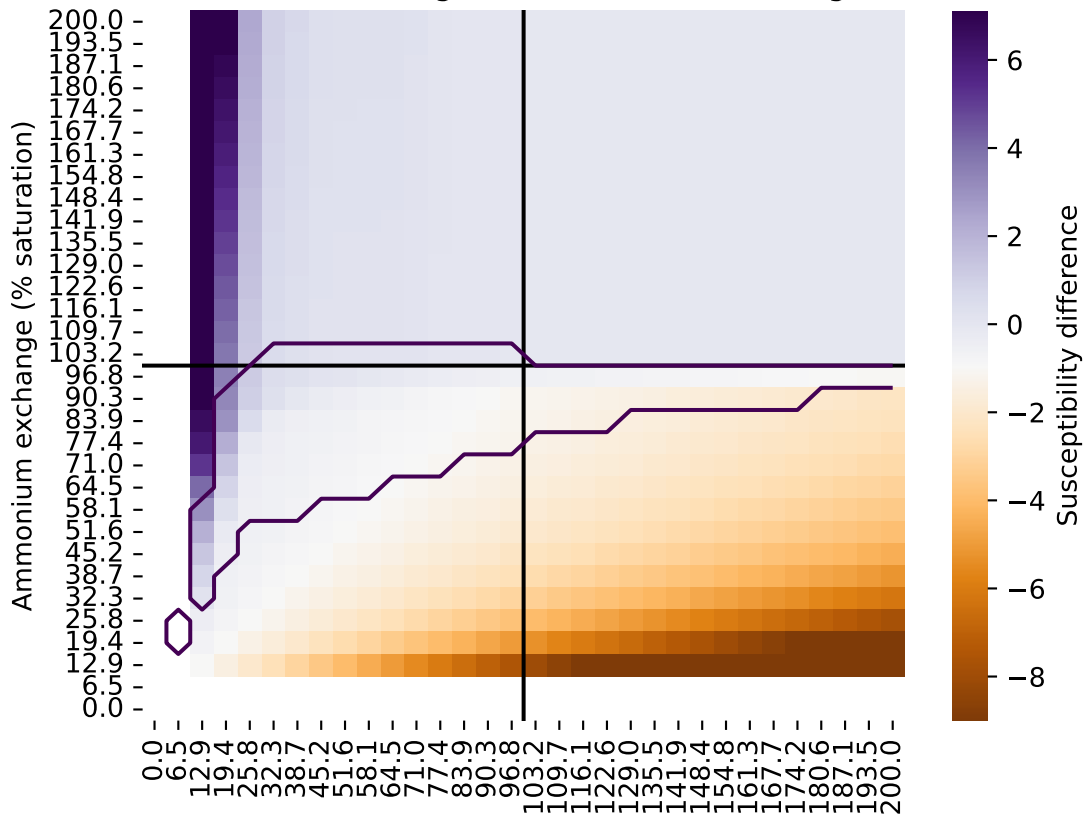Glucose exchange -- Ammonium exchange
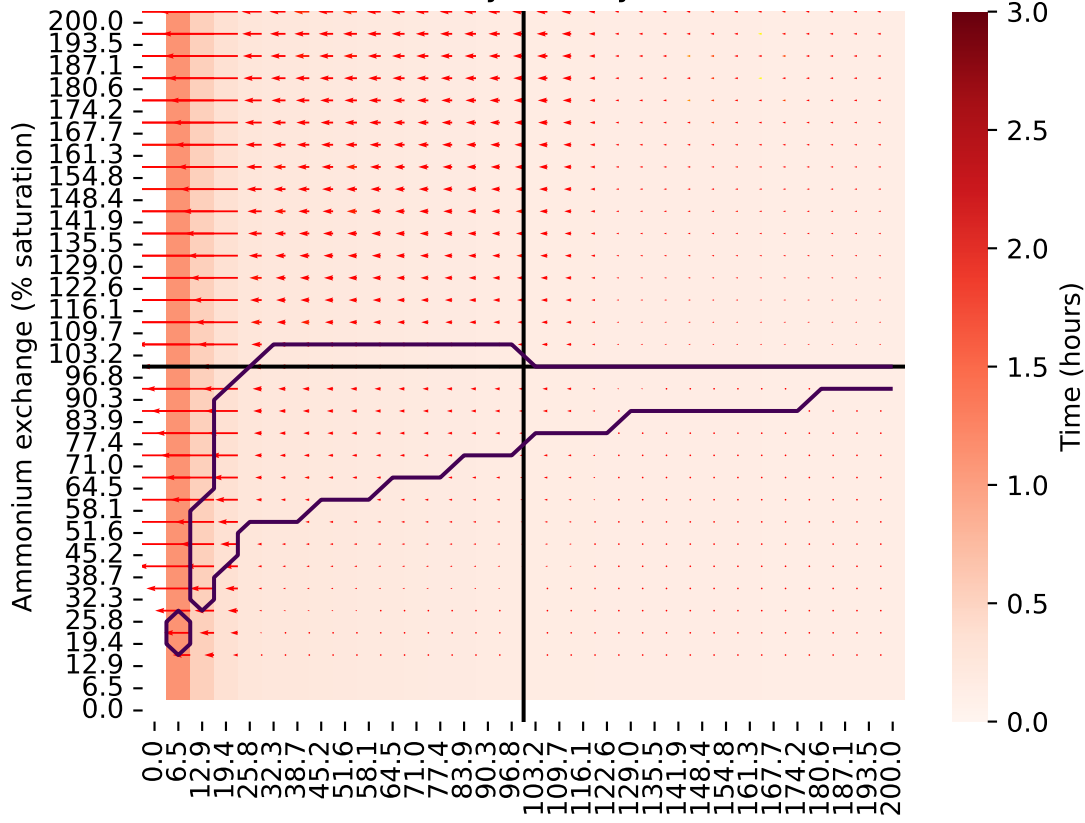
Growth rate

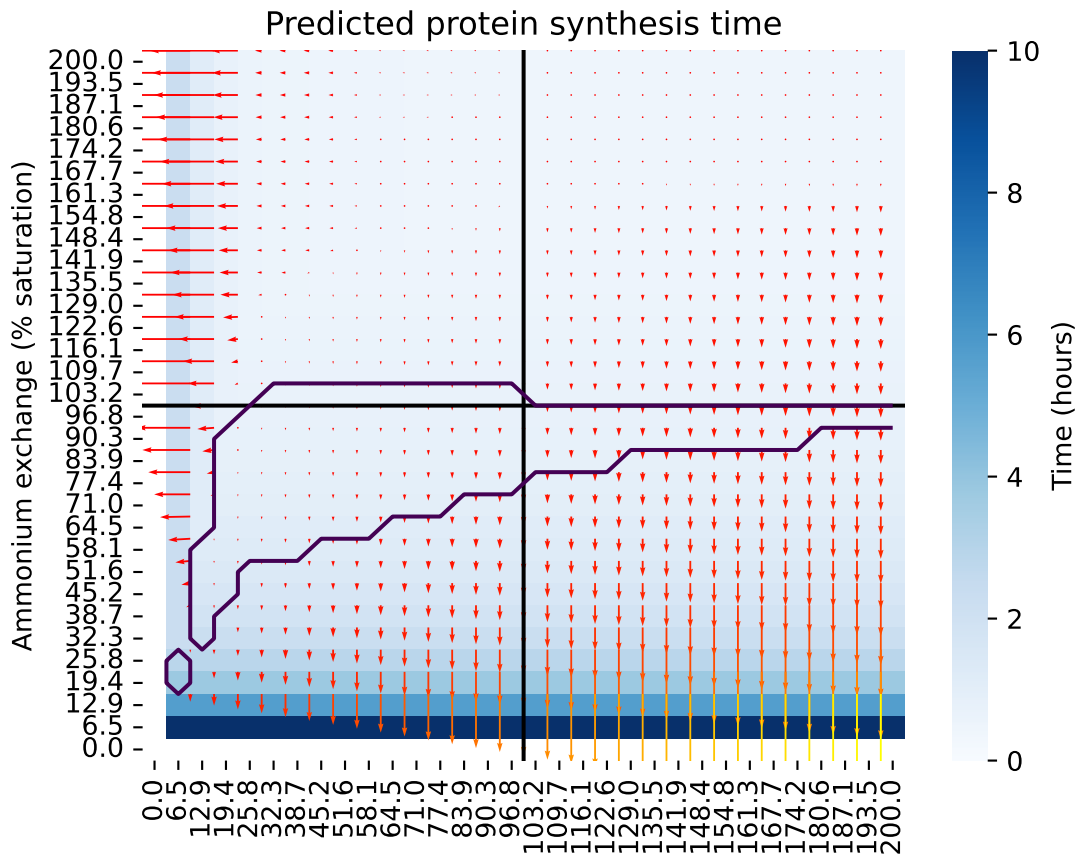Differences in magnitude of gradient,
Glucose exchange -- Ammonium exchange

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

Predicted carbohydrate synthesis time

Predicted protein synthesis time

Ratio of carbohydrate synthesis time to protein synthesis time

Cosine distance between enzyme usage flux vectors: prioritising protein vs carbohydrate