

Generalized Lotka-Volterra model

$$\frac{d \log(x_i(t))}{dt} = \alpha_i + \sum_j \beta_{i,j} x_j(t) + \epsilon_i u_i(t)$$

absolute abundance of bacteria

cellulose: 0
inulin: 1

basal growth interaction fiber response

Definition of Responder:

