

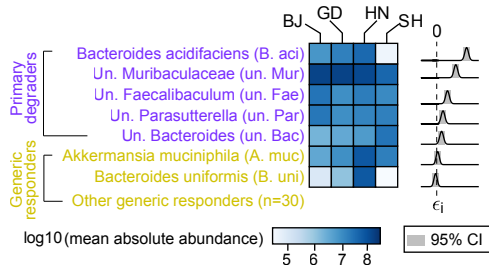
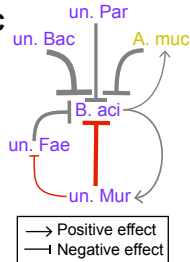
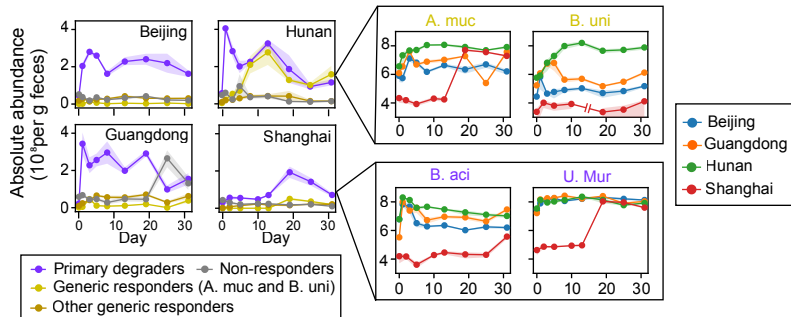
**A****Ecological inference of primary degraders**

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

$\alpha_i$ : basal growth  
 $\beta_{i,j}$ : interaction  
 $\epsilon_i u_i(t)$ : fiber response

Primary degrader

Positive 95% credible interval (CI) of  $\epsilon_i$

**B****C****D****E**