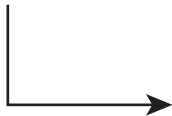


1) Parameter Dictionary Generation

`niche_micrm_params(N,M,l)`
`Random_micrm_params(N,M,l)`



:N	N
:M	M
:u	$[u_{NM}]$
:m	$[m_N]$
: ρ	$[\rho_M]$
: ω	$[\omega_M]$
:l	$[l_{MM}]$

2) ODE System Construction

ModelingToolkit.jl

DiffEq.jl

Solver

Solution

3) Analysis Tools

- Plotting
- Functioning
- Diversity