

# fit\_hmsc\_model.R

June 19, 2025

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fit_hmsc_model	<i>Fit HMSC Model</i>
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## Description

Sample the MCMC process for the HMSC model.

## Usage

```
fit_hmsc_model(  
  mod_hmsc,  
  n_chains = 20,  
  n_samples = 10000,  
  n_thin = 1,  
  n_transient = 2500,  
  n_parallel = 20,  
  n_samples_verbose = 500  
)
```

## Arguments

mod_hmsc	An unfitted HMSC model object.
n_chains	Number of MCMC chains (default: 20).
n_samples	Number of MCMC samples (default: 10,000).
n_thin	Thinning interval for MCMC samples (default: 5).
n_transient	Number of transient iterations (default: 2,500).
n_parallel	Number of parallel chains (default: 20).
n_samples_verbose	Verbosity interval for MCMC sampling (default: 500).

## Value

Returns a fitted HMSC model object.

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