table\_1

## ── Attaching packages ───────────────────────────────────────────────────────── tidyverse 1.2.1 ──

## ✔ ggplot2 2.2.1.9000 ✔ purrr 0.2.4   
## ✔ tibble 1.4.2 ✔ dplyr 0.7.4   
## ✔ tidyr 0.8.0 ✔ stringr 1.3.0   
## ✔ readr 1.1.1 ✔ forcats 0.3.0

## ── Conflicts ──────────────────────────────────────────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()  
## ✖ dplyr::vars() masks ggplot2::vars()

Table 1. Fitted HOI parameters and residiual squared error for the basic model and the model containing higher order interaction terms

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| species | model |  |  |  |  |  |  |  |  |  | error |
| 1 | basic | 0.74 | 0.57 | 0.32 | - | - | - | - | - | - | 0.33 |
| 1 | HOI | 0.83 | 0.58 | 0.28 | -0.02 | 0.00 | 0.01 | -0.01 | 0.00 | 0.01 | 0.08 |
| 2 | basic | 0.84 | 0.98 | 0.58 | - | - | - | - | - | - | 1.19 |
| 2 | HOI | 2.97 | 2.03 | 0.78 | 0.00 | 0.74 | 0.30 | 1.91 | 1.64 | 1.09 | 0.28 |
| 3 | basic | 1.46 | 3.78 | 11.78 | - | - | - | - | - | - | 3.41 |
| 3 | HOI | 3.69 | 7.89 | 1.43 | -0.33 | -0.38 | 2.57 | 0.11 | 5.33 | 8.60 | 0.76 |