**H. Caswell, C. de Vries, N. Hartemink, G. Roth, and S. F. van Daalen. Age ×
stage-classified demographic analysis: a comprehensive approach.** *Ecological
Monographs.* **2018.**

Data S1
> **Matlab code for the example presented in the paper.**

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File list (files found within DataS1.zip)

```
age_stage_model_construction_analyis_example_section_only.m
data_example.mat
Emat.m
Qmat.m
vecperm_hyp.m
```

Description

```
age_stage_model_construction_analyis_example_section_only.m
```
– the code used to generate the results and plots in the Example section

`data_example.mat` — Matlab file containing input data

The following three files create matrices that are needed for the example calculations.

```
Emat.m
Qmat.m
vecperm_hyp.m
```