

Read me file for matlab data file `Ui_and_Fi.mat`

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The Matlab data file `Ui_and_Fi.mat` contains the arrays \mathbf{U} and \mathbf{F} . These contain the matrices used in the example calculation for *Lathyrus vernus*. Each is a three-dimensional array of dimensions $7 \times 7 \times 8$. The arrays are constructed such that

$$\mathbf{U}(:, :, i) = \mathbf{U}_i, \tag{1}$$

i.e. $\mathbf{U}(:, :, i)$ contains the survival and transition rates for individuals with prior stage i . Equivalently,

$$\mathbf{F}(:, :, i) = \mathbf{F}_i. \tag{2}$$