```
%% Section 2: Model parameters
allModelParams =
{'DELTA','BETTA','B','ETAl','ETAc','THETA','ALFA','RHOA','RHOD','STDA','STDD'};

% The variables which we do not select for estimation are calibrated to the
assigned values
calibrateParams.ETAl  = 1.00;
calibrateParams.THETA = 3.48;
calibrateParams.RHOD  = 0.95;
calibrateParams.STDD  = 0.01;
calibrateParams.DELTA = 0.025;

% Starting values
params0.BETTA           = 0.984;
params0.B               = 0.5;
params0.ETAc            = 5;
params0.ALFA            = 0.667;
params0.RHOA            = 0.979;
params0.STDA            = 0.0072;
```