```
%% Section 1: User settings for the SMM estimation
appMethod     = 2;          % 1 for pruning and 2 for extended perturbation
tau           = 5;          % model moments computed from a sample of tau*T observations
orderApp      = 2;          % Approximation order of DSGE model
T             = 200;        % Length of the simulated sample path

autoLagsIdx   = [1 5];      % Number of lagged covariances included in the GMM estimation
selectY       = [1,2,5]'; % The control variables selected for the estimation
qLag          = 20;         % Number of lags for the Newey-West estimator of W
epsValue      = 1e-6;       % stepsize for computing standard errors

% Among the variables in selectY, we include the following moments in the
% estimation, where 1 indicates inclusion and 0 otherwise.
inclMoms_Ey       = [1 1 1]';   %for first moments
inclMoms_Eyy      = [1 1 1 ;    %for contemporaous second moments
                     0 1 1 ;
                     0 0 1 ];
inclMoms_autoEyy  = repmat([1 1 1 ]',1,length(autoLagsIdx)); %for auto-cov
```