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>> dynare example1

Configuring Dynare ...
[mex] Generalized QZ.
[mex] Sylvester equation solution.
[mex] Kronecker products.
[mex] Sparse kronecker products.
[mex] Local state space iteration (second order).
[mex] Bytecode evaluation.
[mex] k-order perturbation solver.
[mex] k-order solution simulation.
[mex] Quasi Monte-Carlo sequence (Sobol).
[mex] Markov Switching SBVAR.

Starting Dynare (version 4.4.3).
Starting preprocessing of the model file ...
Found 6 equation(s).
Evaluating expressions...done
Computing static model derivatives:
 - order 1
Computing dynamic model derivatives:
 - order 1
 - order 2
Processing outputs ...done
Preprocessing completed.
Starting MATLAB/Octave computing.

Warning: The file 'C:\dynare\4.4.3\matlab\dynare.m' could not be cleared because it
contains MATLAB code that is currently executing.
> In example1 (line 7)
  In dynare (line 180)
Warning: The file 'C:\Temp_2\example1.m' could not be cleared because it contains
MATLAB code that is currently executing.
> In example1 (line 7)
```

```
  In dynare (line 180)
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MATLAB code that is currently executing.
> In example1 (line 7)
  In dynare (line 180)

MODEL SUMMARY

  Number of variables:          6
  Number of stochastic shocks: 2
  Number of state variables:   3
  Number of jumpers:           3
  Number of static variables:  1


MATRIX OF COVARIANCE OF EXOGENOUS SHOCKS

Variables       e          u
e            0.000081   0.000008
u            0.000008   0.000081

POLICY AND TRANSITION FUNCTIONS
                                        y
```

```
c                k                a                h
b
Constant                          1.080953         0.803479
11.083988                 0            0.291870
0
(correction)                      0.000270        -0.000113
0.000383                0             0.000114
0
k(-1)                             0.005358         0.038542
0.941817                0            -0.012547
0
a(-1)                             1.836717         0.424583
1.419062         0.950000             0.341715
0.025000
b(-1)                             0.837086        -0.318740
1.419062         0.025000             0.341715
0.950000
e                                 1.911522         0.456074
1.455448         1.000000             0.350477
0
u                                 0.830840        -0.347518
1.455448                0             0.350477
1.000000
k(-1),k(-1)                      -0.000693        -0.000620
-0.000072                 0            0.000640
0
a(-1),k(-1)                       0.031013         0.011201
0.018983                0            -0.005454
0
a(-1),a(-1)                       1.354840         0.198327
1.191903                0             0.113219
0
b(-1),k(-1)                       0.026057        -0.024450
0.018983                0            -0.005454
0
b(-1),a(-1)                       1.010716         0.003915
2.383805                0             0.226438
0
b(-1),b(-1)                       0.118206         0.149375
```

```
1.191903                0         0.113219
0
e,e                              1.473867         0.220058
1.253809                0         0.119100
0
u,e                              1.036212        -0.015958
2.507619                0         0.238199
0
u,u                              0.102686         0.165780
1.253809                0         0.119100
0
k(-1),e                          0.031946         0.012476
0.019470                0        -0.005594
0
k(-1),u                          0.026588        -0.026065
0.019470                0        -0.005594
0
a(-1),e                          2.826253         0.417711
2.444928                0         0.232244
0
a(-1),u                          0.989536        -0.006871
2.444928                0         0.232244
0
b(-1),e                          1.058095        -0.004158
2.444928                0         0.232244
0
b(-1),u                          0.221009         0.314583
2.444928                0         0.232244
0
```

APROXIMATED THEORETICAL MOMENTS

VARIABLE	MEAN	STD. DEV.	VARIANCE
y	1.0847	0.0897	0.0080
c	0.8065	0.0529	0.0028
k	11.1870	1.2603	1.5883
a	0.0000	0.0340	0.0012
h	0.2917	0.0119	0.0001

```
b               0.0000     0.0340     0.0012
```

APPROXIMATED VARIANCE DECOMPOSITION (in percent)

	e	u
y	70.30	29.70
c	65.16	34.84
k	55.00	45.00
a	88.20	11.80
h	55.00	45.00
b	17.43	82.57

APPROXIMATED MATRIX OF CORRELATIONS

Variables	y	c	k	a	h	b
y	1.0000	0.8742	0.8548	0.9563	0.6237	0.7773
c	0.8742	1.0000	0.9704	0.8396	0.1656	0.6138
k	0.8548	0.9704	1.0000	0.7504	0.1739	0.7504
a	0.9563	0.8396	0.7504	1.0000	0.5906	0.5627
h	0.6237	0.1656	0.1739	0.5906	1.0000	0.5906
b	0.7773	0.6138	0.7504	0.5627	0.5906	1.0000

APPROXIMATED COEFFICIENTS OF AUTOCORRELATION

Order	1	2	3	4	5
y	0.9762	0.9530	0.9303	0.9081	0.8864

```
c         0.9949   0.9889   0.9819   0.9741   0.9656
k         0.9992   0.9971   0.9937   0.9891   0.9834
a         0.9641   0.9299   0.8973   0.8662   0.8365
h         0.9195   0.8442   0.7739   0.7082   0.6468
b         0.9641   0.9299   0.8973   0.8662   0.8365
Warning: MATLAB has disabled some advanced graphics rendering features by switching
to software OpenGL. For more information, click here.
Total computing time : 0h00m20s
Note: warning(s) encountered in MATLAB/Octave code
>>
```