

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4841

0.4171

GeneralEqmConditionsVec =

1.0e-10 \*

0 -0.2736

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4841

0.4171

GeneralEqmConditionsVec =

1.0e-11 \*

0 0.2904

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4841

0.3916

GeneralEqmConditionsVec =

1.0e-11 \*

0 0.3000

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4841

0.4044

GeneralEqmConditionsVec =

1.0e-10 \*

0 0.1310

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4841

0.4044

GeneralEqmConditionsVec =

1.0e-11 \*

```
0    -0.2112
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4299
GeneralEqmConditionsVec =
1.0e-11 *
    0    -0.2199
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4171
GeneralEqmConditionsVec =
1.0e-11 *
    0    -0.7285
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4171
GeneralEqmConditionsVec =
1.0e-12 *
    0    0.3801
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.3916
GeneralEqmConditionsVec =
1.0e-12 *
    0    0.4885
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4044
GeneralEqmConditionsVec =
```

```
1.0e-11 *  
    0    0.3036  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4044  
GeneralEqmConditionsVec =  
1.0e-12 *  
    0   -0.8189  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4044  
GeneralEqmConditionsVec =  
1.0e-11 *  
    0    0.1732  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4044  
GeneralEqmConditionsVec =  
1.0e-12 *  
    0   -0.1563  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4299  
GeneralEqmConditionsVec =  
1.0e-12 *  
    0   -0.2665  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4171
```

```
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0    -0.8615  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4171  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    0.9415  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.3916  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0    0.2274  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4012  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    0.5507  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4140  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0    0.2647  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841
```

```
0.4068
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.6750
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.3908
GeneralEqmConditionsVec =
    1.0e-12 *
         0    -0.1261
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4106
GeneralEqmConditionsVec =
    1.0e-13 *
         0    0.5507
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4050
GeneralEqmConditionsVec =
    1.0e-12 *
         0    0.1421
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4063
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.1954
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.4841
0.3970
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.1954
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4021
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.8704
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4014
GeneralEqmConditionsVec =
    1.0e-13 *
         0    0.1066
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4108
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.1954
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4004
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.1954
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
```

```
p =  
    0.4841  
    0.4039  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.1954  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.3992  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.1954  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4061  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.1954  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4009  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.1954  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4027  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.1954  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector
```

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4841  
0.4003

GeneralEqmConditionsVec =

1.0e-13 \*  
0 -0.1954

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4841  
0.4038

GeneralEqmConditionsVec =

1.0e-13 \*  
0 -0.1954

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4841  
0.4012

GeneralEqmConditionsVec =

1.0e-13 \*  
0 -0.1954

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4841  
0.4020

GeneralEqmConditionsVec =

1.0e-13 \*  
0 -0.1954

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4841  
0.4009

GeneralEqmConditionsVec =

1.0e-13 \*  
0 -0.1954

Current Aggregates:

AggVars =



```
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4026
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.1954
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4013
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.1954
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4017
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.1954
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4011
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.1954
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4020
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.1954
Current Aggregates:
```

```
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4014  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.1954  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4016  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.1954  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4013  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.1954  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4017  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.1954  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4841  
    0.4014  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.1954
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4841

0.4015

GeneralEqmConditionsVec =

1.0e-13 \*

0 -0.1954

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4841

0.4014

GeneralEqmConditionsVec =

1.0e-13 \*

0 -0.1954

No vfoptions given, using defaults

Capital Market Outcomes:

The interest rate for household is 4.56, the international interest rate is r 3.56, and the interest rate on earmarked credit is 3.56

Households hold capital of K\_hh=689.5748, while firms use capital of K\_total=1955.0161; the difference is made up by net-foreign capital of K\_nfa=-1265.4413

n\_a 205.000

n\_s 20.000

	Model A	Model B	Model C
r earmarked	0.029	0.026	0.036
r Market	0.050	0.051	0.036
Subsidized Firms	0.434	0.503	0.000
	Model A	Model B	Model C
Total Output	255.830	176.475	144.484
Labor	154.898	105.713	85.353
Capital	4374.211	3253.895	1955.016
TFP	0.758	0.710	0.791
Net Foreign Assets	0.346	0.079	-1265.441
Subsidy Cost	91.754	80.953	0.000

### Model A

Distribution statistics of benchmark economy

	<5	5 to 49	>=50	total
Share of establishments	41.623	54.781	0.170	100.000
Share of output	15.517	81.946	2.536	100.000
Share of labor	17.865	80.135	2.000	100.000
Share of capital	18.343	79.681	1.976	100.000

## Model B

Distribution statistics of benchmark economy

	<5	5 to 49	>=50	total
Share of establishments	52.164	41.104	0.187	100.000
Share of output	25.112	72.343	2.545	100.000
Share of labor	28.092	69.884	2.024	100.000
Share of capital	28.587	69.413	2.000	100.000

## Model C

Distribution statistics of benchmark economy

	<5	5 to 49	>=50	total
Share of establishments	49.989	42.691	0.053	100.000
Share of output	26.454	72.619	0.928	100.000
Share of labor	29.183	70.100	0.716	100.000
Share of capital	29.552	69.742	0.706	100.000

## Model B Subsidized

Distribution statistics of benchmark economy

	<5	5 to 49	>=50	total
Share of establishments	53.923	42.480	0.193	100.000
Share of output	25.115	72.339	2.545	100.000
Share of labor	28.095	69.881	2.024	100.000

## Model A

Share of capital	28.588	69.412	2.000	with r_ear ↙
with r_market Total				
TFP	0.758	0.483	0.758	
Aggregate output	255.718	0.111	255.830	
Aggregate labor	154.843	0.055	154.898	
Aggregate capital	4373.314	0.897	4374.211	

## Model B

	with r_ear	with r_market	Total
TFP	0.710	0.423	0.710
Aggregate output	176.453	0.022	176.475
Aggregate labor	105.702	0.010	105.713
Aggregate capital	3253.730	0.165	3253.895

## Model C

	with r_ear	with r_market	Total
TFP	NaN	0.791	0.791
Aggregate output	0.000	144.484	144.484
Aggregate labor	0.000	85.353	85.353
Aggregate capital	0.000	1955.016	1955.016
Average TFP			

	<5	5 to 49	>=50	total
Model A	1.420	1.629	2.081	1.487
Model B	1.477	1.682	2.084	1.466

Model C	1.522	1.704	2.182	1.489
Min TFP				

	<5	5 to 49	>=50
Model A	1.318	1.529	2.060
Model B	1.385	1.607	2.060
Model C	1.455	1.607	2.165

	Model A	Model B	Model C
Prob Stay	0.444	0.393	0.550
Prob Enter	1.000	1.000	1.000

Elapsed time is 1018.333113 seconds.

IdleTimeout has been reached.

Parallel pool using the 'local' profile is shutting down.

>> EXIT\_creditosubsidymodel

Model A

upsilon size

205 20 2

nansum of upsilon

1.0000

Starting parallel pool (parpool) using the 'local' profile ...

65 end

>> EXIT\_creditosubsidymodel

Model A

upsilon size

205 20 2

nansum of upsilon

1.0000

Starting parallel pool (parpool) using the 'local' profile ...

The client lost connection to worker 5. This might be due to network problems, or the interactive communicating job might have errored.

>> EXIT\_creditosubsidymodel

Model A

upsilon size

205 30 2

nansum of upsilon

1.0000

Starting parallel pool (parpool) using the 'local' profile ...

connected to 6 workers.

Calculating price vector corresponding to the stationary eqm

Current Aggregates:

AggVars =

0x1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

```
0.3549
0.4210
GeneralEqmConditionsVec =
    0    -8.7479
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3726
    0.4210
GeneralEqmConditionsVec =
    0    -8.7377
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3549
    0.4420
GeneralEqmConditionsVec =
    0    -8.7479
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3726
    0.3999
GeneralEqmConditionsVec =
    0    -8.7377
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3904
    0.3999
GeneralEqmConditionsVec =
    0    -8.6817
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4081
    0.3894
GeneralEqmConditionsVec =
    0    -8.4604
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4081

0.4105

GeneralEqmConditionsVec =

0 -8.4604

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4436

0.3789

GeneralEqmConditionsVec =

0 -5.1780

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4791

0.3579

GeneralEqmConditionsVec =

0 30.5354

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4436

0.3579

GeneralEqmConditionsVec =

0 -5.1780

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4791

0.3473

GeneralEqmConditionsVec =

0 30.5354

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

```
p =  
    0.4259  
    0.3789  
GeneralEqmConditionsVec =  
    0    -7.6962  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4614  
    0.3579  
GeneralEqmConditionsVec =  
    0    4.1504  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4791  
    0.3473  
GeneralEqmConditionsVec =  
    0   30.5354  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4614  
    0.3789  
GeneralEqmConditionsVec =  
    0    4.1504  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4791  
    0.3579  
GeneralEqmConditionsVec =  
    0   30.5354  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4525  
    0.3736  
GeneralEqmConditionsVec =
```



```
0    -2.1418
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4525
    0.3526
GeneralEqmConditionsVec =
    0    -2.1418
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4436
    0.3684
GeneralEqmConditionsVec =
    0    -5.1780
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4569
    0.3605
GeneralEqmConditionsVec =
    0    0.3993
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4569
    0.3815
GeneralEqmConditionsVec =
    0    0.3993
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4614
    0.3684
GeneralEqmConditionsVec =
    0    4.1504
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
```

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4547  
0.3723

GeneralEqmConditionsVec =  
0 -1.0259

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4592  
0.3697

GeneralEqmConditionsVec =  
0 2.0808

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4558  
0.3717

GeneralEqmConditionsVec =  
0 -0.3491

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4558  
0.3506

GeneralEqmConditionsVec =  
0 -0.3491

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4547  
0.3618

GeneralEqmConditionsVec =  
0 -1.0259

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4564  
0.3608

```
GeneralEqmConditionsVec =  
    0    0.0228  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4564  
    0.3819  
GeneralEqmConditionsVec =  
    0    0.0228  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4567  
    0.3975  
GeneralEqmConditionsVec =  
    0    0.2105  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4569  
    0.3710  
GeneralEqmConditionsVec =  
    0    0.3993  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4561  
    0.3715  
GeneralEqmConditionsVec =  
    0   -0.1638  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4567  
    0.3712  
GeneralEqmConditionsVec =  
    0    0.2105  
Current Aggregates:  
AggVars =
```

```
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4562
    0.3714
GeneralEqmConditionsVec =
     0    -0.0707
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4565
    0.3713
GeneralEqmConditionsVec =
     0    0.1166
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3714
GeneralEqmConditionsVec =
     0    -0.0240
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4564
    0.3713
GeneralEqmConditionsVec =
     0    0.0696
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3714
GeneralEqmConditionsVec =
  1.0e-03 *
     0    -0.5982
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.4563
0.3924
GeneralEqmConditionsVec =
    1.0e-03 *
         0    -0.5982
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
         0    -0.0240
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4564
    0.3819
GeneralEqmConditionsVec =
         0    0.0111
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
         0    -0.0123
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4564
    0.3819
GeneralEqmConditionsVec =
         0    0.0053
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
```

```
0    -0.0064
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    0    0.0023
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    0    -0.0035
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-03 *
    0    0.8645
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    0    -0.0021
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-03 *
    0    0.1332
Current Aggregates:
```

```
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3608  
GeneralEqmConditionsVec =  
    1.0e-03 *  
         0    0.1332  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3714  
GeneralEqmConditionsVec =  
    1.0e-03 *  
         0    0.8645  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3714  
GeneralEqmConditionsVec =  
    1.0e-03 *  
         0   -0.2325  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3714  
GeneralEqmConditionsVec =  
    1.0e-03 *  
         0    0.4988  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3714  
GeneralEqmConditionsVec =  
    1.0e-04 *  
         0   -0.4966
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3924

GeneralEqmConditionsVec =

1.0e-04 \*

0 -0.4966

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3819

GeneralEqmConditionsVec =

1.0e-03 \*

0 -0.2325

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3819

GeneralEqmConditionsVec =

1.0e-04 \*

0 0.4175

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3608

GeneralEqmConditionsVec =

1.0e-04 \*

0 0.4175

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3714

GeneralEqmConditionsVec =

1.0e-03 \*



```
0      0.1332
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3714
GeneralEqmConditionsVec =
1.0e-05 *
0      -0.3954
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3924
GeneralEqmConditionsVec =
1.0e-05 *
0      -0.3954
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3819
GeneralEqmConditionsVec =
1.0e-04 *
0      -0.4966
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3819
GeneralEqmConditionsVec =
1.0e-04 *
0      0.1890
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3819
GeneralEqmConditionsVec =
```

```
1.0e-04 *  
    0    -0.2681  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
1.0e-05 *  
    0    0.7473  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
1.0e-04 *  
    0    -0.1538  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
1.0e-05 *  
    0    0.1759  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3608  
GeneralEqmConditionsVec =  
1.0e-05 *  
    0    0.1759  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3714
```

```
GeneralEqmConditionsVec =  
    1.0e-05 *  
         0    0.7473  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3714  
GeneralEqmConditionsVec =  
    1.0e-05 *  
         0   -0.1097  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3924  
GeneralEqmConditionsVec =  
    1.0e-05 *  
         0   -0.1097  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
    1.0e-05 *  
         0   -0.3954  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
    1.0e-06 *  
         0    0.3311  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563
```

```
0.3608
GeneralEqmConditionsVec =
    1.0e-06 *
         0    0.3311
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3714
GeneralEqmConditionsVec =
    1.0e-05 *
         0    0.1759
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3714
GeneralEqmConditionsVec =
    1.0e-06 *
         0   -0.3831
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3714
GeneralEqmConditionsVec =
    1.0e-05 *
         0    0.1045
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3714
GeneralEqmConditionsVec =
    1.0e-07 *
         0   -0.2599
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.4563
0.3924
GeneralEqmConditionsVec =
1.0e-07 *
    0    -0.2599
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
1.0e-06 *
    0    -0.3831
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
1.0e-06 *
    0    0.1526
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
1.0e-06 *
    0    -0.2045
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
1.0e-07 *
    0    0.6329
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
```

```
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-06 *
         0    -0.1153
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-07 *
         0    0.1865
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3608
GeneralEqmConditionsVec =
    1.0e-07 *
         0    0.1865
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3714
GeneralEqmConditionsVec =
    1.0e-07 *
         0    0.6329
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3714
GeneralEqmConditionsVec =
    1.0e-08 *
         0    -0.3667
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
```

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4563  
0.3924

GeneralEqmConditionsVec =

1.0e-08 \*  
0 -0.3667

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4563  
0.3819

GeneralEqmConditionsVec =

1.0e-07 \*  
0 -0.2599

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4563  
0.3819

GeneralEqmConditionsVec =

1.0e-08 \*  
0 0.7492

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4563  
0.3819

GeneralEqmConditionsVec =

1.0e-07 \*  
0 -0.1483

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4563  
0.3819

GeneralEqmConditionsVec =

1.0e-08 \*  
0 0.1912

Current Aggregates:

AggVars =

```

0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3608
GeneralEqmConditionsVec =
    1.0e-08 *
         0    0.1912
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3714
GeneralEqmConditionsVec =
    1.0e-08 *
         0    0.7492
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3714
GeneralEqmConditionsVec =
    1.0e-09 *
         0   -0.8774
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3924
GeneralEqmConditionsVec =
    1.0e-09 *
         0   -0.8774
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-08 *
         0   -0.3667
Current Aggregates:

```



```
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
    1.0e-09 *  
         0    0.5175  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3608  
GeneralEqmConditionsVec =  
    1.0e-09 *  
         0    0.5175  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3714  
GeneralEqmConditionsVec =  
    1.0e-08 *  
         0    0.1912  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3714  
GeneralEqmConditionsVec =  
    1.0e-09 *  
         0   -0.1800  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3924  
GeneralEqmConditionsVec =  
    1.0e-09 *  
         0   -0.1800
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3819

GeneralEqmConditionsVec =

1.0e-09 \*

0 -0.8775

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3819

GeneralEqmConditionsVec =

1.0e-09 \*

0 0.1688

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3608

GeneralEqmConditionsVec =

1.0e-09 \*

0 0.1688

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3714

GeneralEqmConditionsVec =

1.0e-09 \*

0 0.5175

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3714

GeneralEqmConditionsVec =

1.0e-11 \*

```
0    -0.5620
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3924
GeneralEqmConditionsVec =
    1.0e-11 *
         0    -0.5656
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-09 *
         0    -0.1800
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-10 *
         0    0.8156
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-10 *
         0    -0.9280
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
```

```
1.0e-10 *  
    0    0.3797  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
1.0e-10 *  
    0   -0.4921  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
1.0e-10 *  
    0    0.1620  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
1.0e-10 *  
    0   -0.2743  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
1.0e-11 *  
    0    0.5292  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3608
```

```
GeneralEqmConditionsVec =  
    1.0e-11 *  
         0    0.5361  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3714  
GeneralEqmConditionsVec =  
    1.0e-10 *  
         0    0.1627  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3714  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0   -0.1528  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3924  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0   -0.2522  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3819  
GeneralEqmConditionsVec =  
    1.0e-11 *  
         0   -0.5739  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563
```

```
0.3819
GeneralEqmConditionsVec =
    1.0e-11 *
         0    0.2556
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-11 *
         0   -0.2997
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-11 *
         0    0.1176
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-11 *
         0   -0.1600
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3819
GeneralEqmConditionsVec =
    1.0e-12 *
         0    0.4494
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.4563
0.3819
GeneralEqmConditionsVec =
1.0e-12 *
0 -0.9006
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3819
GeneralEqmConditionsVec =
1.0e-12 *
0 0.1297
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3608
GeneralEqmConditionsVec =
1.0e-12 *
0 0.2807
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3845
GeneralEqmConditionsVec =
1.0e-12 *
0 -0.1528
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3687
GeneralEqmConditionsVec =
1.0e-12 *
0 0.1528
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
```

```
p =  
    0.4563  
    0.3806  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.6217  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3911  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0    0.1528  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3763  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    -0.6217  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3750  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0    -0.2522  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3802  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector
```



Current GE prices and GeneralEqmConditionsVec:

p =  
0.4563  
0.3844

GeneralEqmConditionsVec =

1.0e-14 \*  
0 0.8882

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4563  
0.3840

GeneralEqmConditionsVec =

1.0e-13 \*  
0 0.8171

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4563  
0.3814

GeneralEqmConditionsVec =

1.0e-13 \*  
0 -0.3375

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4563  
0.3832

GeneralEqmConditionsVec =

1.0e-13 \*  
0 0.4441

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4563  
0.3819

GeneralEqmConditionsVec =

1.0e-14 \*  
0 0.8882

Current Aggregates:

AggVars =

```
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3827
GeneralEqmConditionsVec =
    1.0e-14 *
         0    0.8882
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3821
GeneralEqmConditionsVec =
    1.0e-14 *
         0    0.8882
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3823
GeneralEqmConditionsVec =
    1.0e-14 *
         0    0.8882
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3810
GeneralEqmConditionsVec =
    1.0e-14 *
         0    0.8882
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3814
GeneralEqmConditionsVec =
    1.0e-14 *
         0    0.8882
Current Aggregates:
```

```
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3811  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3812  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3806  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3808  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4563  
    0.3806  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    0.8882
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3807

GeneralEqmConditionsVec =

1.0e-14 \*

0 0.8882

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3804

GeneralEqmConditionsVec =

1.0e-14 \*

0 0.8882

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3805

GeneralEqmConditionsVec =

1.0e-14 \*

0 0.8882

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3804

GeneralEqmConditionsVec =

1.0e-14 \*

0 0.8882

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4563

0.3804

GeneralEqmConditionsVec =

1.0e-14 \*

```
0      0.8882
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3803
GeneralEqmConditionsVec =
1.0e-14 *
0      0.8882
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3803
GeneralEqmConditionsVec =
1.0e-14 *
0      0.8882
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3803
GeneralEqmConditionsVec =
1.0e-14 *
0      0.8882
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3803
GeneralEqmConditionsVec =
1.0e-14 *
0      0.8882
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4563
0.3802
GeneralEqmConditionsVec =
```

```

    1.0e-14 *
         0    0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3802
GeneralEqmConditionsVec =
    1.0e-14 *
         0    0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3802
GeneralEqmConditionsVec =
    1.0e-14 *
         0    0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3802
GeneralEqmConditionsVec =
    1.0e-14 *
         0    0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4563
    0.3802
GeneralEqmConditionsVec =
    1.0e-14 *
         0    0.8882
No vfoptions given, using defaults

```

#### Capital Market Outcomes:

The interest rate for household is 4.56, the international interest rate is  $r^* = 4.97$ , and the interest rate on earmarked credit is 2.87  
Households hold capital of  $K_{hh}=3511.8361$ , while firms use capital of  $K_{total}=3511.4003$ ; the difference is made up by net-foreign capital of  $K_{nfa}= 0.4358$

## Model B

```
upsilon size
    205    30     2
nansum of upsilon
    1.0000
Calculating price vector corresponding to the stationary eqm
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3549
    0.5100
GeneralEqmConditionsVec =
     0   -8.7412
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3726
    0.5100
GeneralEqmConditionsVec =
     0   -8.7005
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3549
    0.5355
GeneralEqmConditionsVec =
     0   -8.7412
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3726
    0.4845
GeneralEqmConditionsVec =
     0   -8.7005
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.3904
0.4845
GeneralEqmConditionsVec =
    0   -8.5219
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4081
    0.4717
GeneralEqmConditionsVec =
    0   -7.8306
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4081
    0.4972
GeneralEqmConditionsVec =
    0   -7.8306
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4436
    0.4590
GeneralEqmConditionsVec =
    0    3.3198
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4791
    0.4335
GeneralEqmConditionsVec =
    0   75.0361
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4436
    0.4335
GeneralEqmConditionsVec =
    0    3.3198
```



```
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4791
    0.4207
GeneralEqmConditionsVec =
     0    75.0361
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4259
    0.4590
GeneralEqmConditionsVec =
     0    -5.4752
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4614
    0.4335
GeneralEqmConditionsVec =
     0    32.5590
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4348
    0.4526
GeneralEqmConditionsVec =
     0    -2.5523
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4348
    0.4781
GeneralEqmConditionsVec =
     0    -2.5523
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
```

```
p =  
    0.4259  
    0.4717  
GeneralEqmConditionsVec =  
    0    -5.4752  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4392  
    0.4622  
GeneralEqmConditionsVec =  
    0    -0.1719  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4392  
    0.4367  
GeneralEqmConditionsVec =  
    0    -0.1719  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4436  
    0.4462  
GeneralEqmConditionsVec =  
    0    3.3198  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4370  
    0.4510  
GeneralEqmConditionsVec =  
    0    -1.4925  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4414  
    0.4478  
GeneralEqmConditionsVec =
```

```
0      1.4162
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4403
0.4486
GeneralEqmConditionsVec =
0      0.5283
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4381
0.4502
GeneralEqmConditionsVec =
0     -0.8371
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4397
0.4490
GeneralEqmConditionsVec =
0      0.1665
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4397
0.4745
GeneralEqmConditionsVec =
0      0.1665
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4400
0.4935
GeneralEqmConditionsVec =
0      0.3371
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
```

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4403  
0.4614

GeneralEqmConditionsVec =  
0 0.5283

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4620

GeneralEqmConditionsVec =  
0 -0.0030

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4875

GeneralEqmConditionsVec =  
0 -0.0030

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4392  
0.4749

GeneralEqmConditionsVec =  
0 -0.1719

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4396  
0.4746

GeneralEqmConditionsVec =  
0 0.0816

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4393  
0.4748

```
GeneralEqmConditionsVec =  
    0    -0.0875  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4747  
GeneralEqmConditionsVec =  
    0    0.0393  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4394  
    0.4748  
GeneralEqmConditionsVec =  
    0   -0.0452  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4747  
GeneralEqmConditionsVec =  
    0    0.0182  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4394  
    0.4748  
GeneralEqmConditionsVec =  
    0   -0.0241  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4747  
GeneralEqmConditionsVec =  
    0    0.0076  
Current Aggregates:  
AggVars =
```

```
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4394
    0.4748
GeneralEqmConditionsVec =
     0    -0.0135
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
     0     0.0023
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4492
GeneralEqmConditionsVec =
     0     0.0023
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
     0     0.0076
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
 1.0e-03 *
     0    -0.3190
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.4395
0.4875
GeneralEqmConditionsVec =
    1.0e-03 *
         0    -0.3190
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
         0    -0.0030
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
         0    0.0010
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
         0    -0.0016
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
    1.0e-03 *
         0    0.3418
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
```

```
GeneralEqmConditionsVec =  
    1.0e-03 *  
         0    -0.9798  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4747  
GeneralEqmConditionsVec =  
    1.0e-04 *  
         0    0.1141  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4492  
GeneralEqmConditionsVec =  
    1.0e-04 *  
         0    0.1141  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-03 *  
         0    0.3418  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-03 *  
         0   -0.1538  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395
```



```
0.4620
GeneralEqmConditionsVec =
    1.0e-03 *
         0    0.1766
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
    1.0e-04 *
         0   -0.7119
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
    1.0e-04 *
         0    0.9400
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
    1.0e-04 *
         0   -0.2989
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
    1.0e-04 *
         0    0.5270
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.4395
0.4620
GeneralEqmConditionsVec =
1.0e-05 *
    0    -0.9244
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4875
GeneralEqmConditionsVec =
1.0e-05 *
    0    -0.9244
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
1.0e-04 *
    0    -0.2989
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
1.0e-05 *
    0    0.1080
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4492
GeneralEqmConditionsVec =
1.0e-05 *
    0    0.1080
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
```

```
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-04 *  
         0    0.1141  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-05 *  
         0   -0.4082  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-05 *  
         0    0.6243  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-05 *  
         0   -0.1501  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-05 *  
         0    0.3662  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector
```

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4620

GeneralEqmConditionsVec =

1.0e-06 \*  
0 -0.2102

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4875

GeneralEqmConditionsVec =

1.0e-06 \*  
0 -0.2102

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4747

GeneralEqmConditionsVec =

1.0e-05 \*  
0 -0.1501

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4747

GeneralEqmConditionsVec =

1.0e-06 \*  
0 0.4351

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4747

GeneralEqmConditionsVec =

1.0e-06 \*  
0 -0.8556

Current Aggregates:

AggVars =

```
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
    1.0e-06 *
         0    0.1124
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4492
GeneralEqmConditionsVec =
    1.0e-06 *
         0    0.1124
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
    1.0e-06 *
         0    0.4351
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
    1.0e-07 *
         0   -0.4892
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4875
GeneralEqmConditionsVec =
    1.0e-07 *
         0   -0.4892
Current Aggregates:
```

```
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4747  
GeneralEqmConditionsVec =  
    1.0e-06 *  
         0    -0.2102  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4747  
GeneralEqmConditionsVec =  
    1.0e-07 *  
         0    0.3174  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4492  
GeneralEqmConditionsVec =  
    1.0e-07 *  
         0    0.3174  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-06 *  
         0    0.1124  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-08 *  
         0   -0.8593
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4395

0.4875

GeneralEqmConditionsVec =

1.0e-08 \*

0 -0.8593

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4395

0.4747

GeneralEqmConditionsVec =

1.0e-07 \*

0 -0.4892

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4395

0.4747

GeneralEqmConditionsVec =

1.0e-07 \*

0 0.1157

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4395

0.4747

GeneralEqmConditionsVec =

1.0e-07 \*

0 -0.2876

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4395

0.4747

GeneralEqmConditionsVec =

1.0e-08 \*

```
0      0.1490
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4395
0.4492
GeneralEqmConditionsVec =
1.0e-08 *
0      0.1490
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4395
0.4620
GeneralEqmConditionsVec =
1.0e-07 *
0      0.1157
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4395
0.4620
GeneralEqmConditionsVec =
1.0e-08 *
0      -0.3551
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4395
0.4620
GeneralEqmConditionsVec =
1.0e-08 *
0      0.6532
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4395
0.4620
GeneralEqmConditionsVec =
```



```
1.0e-08 *  
    0    -0.1031  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4875  
GeneralEqmConditionsVec =  
1.0e-08 *  
    0    -0.1031  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4747  
GeneralEqmConditionsVec =  
1.0e-08 *  
    0    -0.3551  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4747  
GeneralEqmConditionsVec =  
1.0e-09 *  
    0    0.2297  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4492  
GeneralEqmConditionsVec =  
1.0e-09 *  
    0    0.2298  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620
```

```
GeneralEqmConditionsVec =  
    1.0e-08 *  
         0    0.1490  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-09 *  
         0   -0.4004  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-09 *  
         0    0.8599  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-10 *  
         0   -0.8536  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4875  
GeneralEqmConditionsVec =  
    1.0e-10 *  
         0   -0.8546  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395
```

```
0.4747
GeneralEqmConditionsVec =
    1.0e-09 *
         0    -0.4005
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
    1.0e-10 *
         0    0.7214
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4492
GeneralEqmConditionsVec =
    1.0e-10 *
         0    0.7222
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
    1.0e-09 *
         0    0.2298
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
    1.0e-11 *
         0    -0.6581
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.4395
0.4875
GeneralEqmConditionsVec =
    1.0e-11 *
         0    -0.6683
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
    1.0e-10 *
         0    -0.8542
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
    1.0e-10 *
         0     0.3276
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
    1.0e-10 *
         0    -0.4603
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
    1.0e-10 *
         0     0.1308
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
```

```
p =  
    0.4395  
    0.4747  
GeneralEqmConditionsVec =  
    1.0e-10 *  
         0    -0.2634  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4747  
GeneralEqmConditionsVec =  
    1.0e-11 *  
         0    0.3213  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4492  
GeneralEqmConditionsVec =  
    1.0e-11 *  
         0    0.3276  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-10 *  
         0    0.1308  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-11 *  
         0   -0.1663  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector
```

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4875

GeneralEqmConditionsVec =

1.0e-11 \*  
0 -0.1732

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4747

GeneralEqmConditionsVec =

1.0e-11 \*  
0 -0.6608

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4747

GeneralEqmConditionsVec =

1.0e-12 \*  
0 0.7390

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4492

GeneralEqmConditionsVec =

1.0e-12 \*  
0 0.7727

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4395  
0.4620

GeneralEqmConditionsVec =

1.0e-11 \*  
0 0.3149

Current Aggregates:

AggVars =

```
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
    1.0e-12 *
         0    -0.4867
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4875
GeneralEqmConditionsVec =
    1.0e-12 *
         0    -0.5169
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
    1.0e-11 *
         0    -0.1700
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4747
GeneralEqmConditionsVec =
    1.0e-12 *
         0    0.1421
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4492
GeneralEqmConditionsVec =
    1.0e-12 *
         0    0.1688
Current Aggregates:
```

```
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0    0.7390  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0   -0.1776  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0    0.4388  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4620  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0   -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4875  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0   -0.4796
```



Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4395

0.4747

GeneralEqmConditionsVec =

1.0e-12 \*

0 -0.1457

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4395

0.4747

GeneralEqmConditionsVec =

1.0e-13 \*

0 0.6750

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4395

0.4747

GeneralEqmConditionsVec =

1.0e-13 \*

0 -0.7816

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4395

0.4747

GeneralEqmConditionsVec =

1.0e-13 \*

0 0.2132

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4395

0.4492

GeneralEqmConditionsVec =

1.0e-13 \*

```
0      0.2132
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4395
0.4588
GeneralEqmConditionsVec =
1.0e-14 *
0      -0.8882
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4395
0.4460
GeneralEqmConditionsVec =
1.0e-13 *
0      -0.4796
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4395
0.4676
GeneralEqmConditionsVec =
1.0e-14 *
0      -0.8882
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4395
0.4532
GeneralEqmConditionsVec =
1.0e-14 *
0      -0.8882
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4395
0.4640
GeneralEqmConditionsVec =
```

```
1.0e-14 *  
    0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4604  
GeneralEqmConditionsVec =  
1.0e-14 *  
    0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4648  
GeneralEqmConditionsVec =  
1.0e-14 *  
    0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4576  
GeneralEqmConditionsVec =  
1.0e-14 *  
    0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4630  
GeneralEqmConditionsVec =  
1.0e-14 *  
    0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4612
```

```
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4634  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4598  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4625  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395  
    0.4616  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4395
```

```
0.4627
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4609
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4622
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4618
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4623
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.4395
0.4614
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4621
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4619
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4622
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4617
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
```

```

p =
    0.4395
    0.4620
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4619
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4395
    0.4621
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
No vfoptions given, using defaults

```

#### Capital Market Outcomes:

The interest rate for household is 4.56, the international interest rate is  $r^* = 5.13$ , and the interest rate on earmarked credit is 2.64  
Households hold capital of  $K_{hh}=3256.6371$ , while firms use capital of  $K_{total}=3256.5687$ ; the difference is made up by net-foreign capital of  $K_{nfa}= 0.0684$

#### Model C

```

upsilon size
    205    30     2
nansum of upsilon
    1.0000
Calculating price vector corresponding to the stationary eqm
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3549
    0.5100
GeneralEqmConditionsVec =

```

```
0    -8.7499
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3726
    0.5100
GeneralEqmConditionsVec =
    0    -8.7490
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3549
    0.5355
GeneralEqmConditionsVec =
    0    -8.7499
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3726
    0.4845
GeneralEqmConditionsVec =
    0    -8.7490
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.3904
    0.4845
GeneralEqmConditionsVec =
    0    -8.7429
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4081
    0.4717
GeneralEqmConditionsVec =
    0    -8.7124
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
```



Current GE prices and GeneralEqmConditionsVec:

p =  
0.4081  
0.4972

GeneralEqmConditionsVec =  
0 -8.7124

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4436  
0.4590

GeneralEqmConditionsVec =  
0 -8.1173

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4791  
0.4335

GeneralEqmConditionsVec =  
0 -2.3592

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4791  
0.4080

GeneralEqmConditionsVec =  
0 -2.3592

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.5501  
0.3697

GeneralEqmConditionsVec =  
0 215.1740

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4436  
0.4462

```
GeneralEqmConditionsVec =  
    0    -8.1173  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.5146  
    0.3952  
GeneralEqmConditionsVec =  
    0    56.9608  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4614  
    0.4335  
GeneralEqmConditionsVec =  
    0    -6.7055  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4969  
    0.4080  
GeneralEqmConditionsVec =  
    0    11.4668  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4702  
    0.4271  
GeneralEqmConditionsVec =  
    0    -5.1222  
Current Aggregates:  
AggVars =  
    0x1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4880  
    0.4144  
GeneralEqmConditionsVec =  
    0    2.5513  
Current Aggregates:  
AggVars =
```

```
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4836
    0.4176
GeneralEqmConditionsVec =
     0    -0.2328
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4836
    0.4431
GeneralEqmConditionsVec =
     0    -0.2328
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4880
    0.4271
GeneralEqmConditionsVec =
     0     2.5513
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4813
    0.4319
GeneralEqmConditionsVec =
     0    -1.3161
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4858
    0.4287
GeneralEqmConditionsVec =
     0     0.9617
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4847
```

```
0.4295
GeneralEqmConditionsVec =
    0    0.3240
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4824
    0.4311
GeneralEqmConditionsVec =
    0   -0.7780
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4299
GeneralEqmConditionsVec =
    0    0.0446
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4044
GeneralEqmConditionsVec =
    0    0.0446
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4844
    0.3851
GeneralEqmConditionsVec =
    0    0.1839
Current Aggregates:
AggVars =
    0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4847
    0.4168
GeneralEqmConditionsVec =
    0    0.3240
Current Aggregates:
```

```
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4838  
    0.4174  
GeneralEqmConditionsVec =  
    0    -0.0944  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4844  
    0.4170  
GeneralEqmConditionsVec =  
    0    0.1839  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4173  
GeneralEqmConditionsVec =  
    0    -0.0249  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.3918  
GeneralEqmConditionsVec =  
    0    -0.0249  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4838  
    0.4046  
GeneralEqmConditionsVec =  
    0    -0.0944  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =
```

```
0.4840
0.4045
GeneralEqmConditionsVec =
    0    0.0098
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4300
GeneralEqmConditionsVec =
    0    0.0098
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4841
    0.4172
GeneralEqmConditionsVec =
    0    0.0446
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    0   -0.0076
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.3917
GeneralEqmConditionsVec =
    0   -0.0076
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4045
GeneralEqmConditionsVec =
    0   -0.0249
```

```
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4045
GeneralEqmConditionsVec =
     0    0.0011
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4300
GeneralEqmConditionsVec =
     0    0.0011
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
     0    0.0098
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
     0   -0.0032
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
     0    0.0055
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
```

```

p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
     0    -0.0010
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.3917
GeneralEqmConditionsVec =
     0    -0.0010
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4045
GeneralEqmConditionsVec =
     0    -0.0032
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4045
GeneralEqmConditionsVec =
    1.0e-04 *
     0    0.4400
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4300
GeneralEqmConditionsVec =
    1.0e-04 *
     0    0.4400
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840

```



```
0.4172
GeneralEqmConditionsVec =
    0    0.0011
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-03 *
    0   -0.4989
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-03 *
    0    0.5871
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-03 *
    0   -0.2275
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-03 *
    0    0.3156
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
```

```
0.4172
GeneralEqmConditionsVec =
    1.0e-04 *
         0    -0.9173
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-03 *
         0    0.1798
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-04 *
         0    -0.2387
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.3917
GeneralEqmConditionsVec =
    1.0e-04 *
         0    -0.2387
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4045
GeneralEqmConditionsVec =
    1.0e-04 *
         0    -0.9173
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.4840
0.4045
GeneralEqmConditionsVec =
    1.0e-04 *
         0    0.1006
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4300
GeneralEqmConditionsVec =
    1.0e-04 *
         0    0.1006
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-04 *
         0    0.4400
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-05 *
         0   -0.6901
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.3917
GeneralEqmConditionsVec =
    1.0e-05 *
         0   -0.6901
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
```

```
p =
    0.4840
    0.4045
GeneralEqmConditionsVec =
    1.0e-04 *
         0    -0.2387
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4045
GeneralEqmConditionsVec =
    1.0e-05 *
         0    0.1582
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4300
GeneralEqmConditionsVec =
    1.0e-05 *
         0    0.1582
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-04 *
         0    0.1006
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-05 *
         0   -0.2660
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
```

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4840  
0.4172

GeneralEqmConditionsVec =

1.0e-05 \*  
0 0.5823

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4840  
0.4172

GeneralEqmConditionsVec =

1.0e-06 \*  
0 -0.5390

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4840  
0.3917

GeneralEqmConditionsVec =

1.0e-06 \*  
0 -0.5390

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4840  
0.4045

GeneralEqmConditionsVec =

1.0e-05 \*  
0 -0.2660

Current Aggregates:

AggVars =  
0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =  
0.4840  
0.4045

GeneralEqmConditionsVec =

1.0e-06 \*  
0 0.5214

Current Aggregates:

AggVars =

```

0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4300
GeneralEqmConditionsVec =
    1.0e-06 *
         0    0.5214
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-05 *
         0    0.1582
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-08 *
         0   -0.8801
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.3917
GeneralEqmConditionsVec =
    1.0e-08 *
         0   -0.8801
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4045
GeneralEqmConditionsVec =
    1.0e-06 *
         0   -0.5390
Current Aggregates:

```

```
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045  
GeneralEqmConditionsVec =  
    1.0e-06 *  
         0    0.2563  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045  
GeneralEqmConditionsVec =  
    1.0e-06 *  
         0   -0.2739  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045  
GeneralEqmConditionsVec =  
    1.0e-06 *  
         0    0.1237  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045  
GeneralEqmConditionsVec =  
    1.0e-06 *  
         0   -0.1414  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045  
GeneralEqmConditionsVec =  
    1.0e-07 *  
         0    0.5747
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4840

0.4045

GeneralEqmConditionsVec =

1.0e-07 \*

0 -0.7508

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4840

0.4045

GeneralEqmConditionsVec =

1.0e-07 \*

0 0.2434

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4840

0.4045

GeneralEqmConditionsVec =

1.0e-07 \*

0 -0.4194

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4840

0.4045

GeneralEqmConditionsVec =

1.0e-08 \*

0 0.7768

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4840

0.4300

GeneralEqmConditionsVec =

1.0e-08 \*



```
0      0.7768
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4840
0.4172
GeneralEqmConditionsVec =
1.0e-07 *
0      0.2434
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4840
0.4172
GeneralEqmConditionsVec =
1.0e-09 *
0      -0.5164
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4840
0.3917
GeneralEqmConditionsVec =
1.0e-09 *
0      -0.5164
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4840
0.4045
GeneralEqmConditionsVec =
1.0e-08 *
0      -0.8801
Current Aggregates:
AggVars =
0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
0.4840
0.4045
GeneralEqmConditionsVec =
```

```
1.0e-08 *  
    0    0.3626  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045  
GeneralEqmConditionsVec =  
1.0e-08 *  
    0   -0.4659  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045  
GeneralEqmConditionsVec =  
1.0e-08 *  
    0    0.1555  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045  
GeneralEqmConditionsVec =  
1.0e-08 *  
    0   -0.2587  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045  
GeneralEqmConditionsVec =  
1.0e-09 *  
    0    0.5192  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045
```

```
GeneralEqmConditionsVec =  
    1.0e-08 *  
         0    -0.1552  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4045  
GeneralEqmConditionsVec =  
    1.0e-11 *  
         0    0.1414  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4300  
GeneralEqmConditionsVec =  
    1.0e-11 *  
         0    0.1464  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4172  
GeneralEqmConditionsVec =  
    1.0e-09 *  
         0    0.5192  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4172  
GeneralEqmConditionsVec =  
    1.0e-09 *  
         0   -0.2575  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840
```

```
0.4172
GeneralEqmConditionsVec =
    1.0e-09 *
         0    0.2603
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-09 *
         0   -0.1280
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-09 *
         0    0.1309
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-10 *
         0   -0.6329
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-10 *
         0    0.6617
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
```

```
0.4840
0.4172
GeneralEqmConditionsVec =
    1.0e-10 *
         0    -0.3091
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-10 *
         0     0.3379
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-10 *
         0    -0.1475
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-10 *
         0     0.1764
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4172
GeneralEqmConditionsVec =
    1.0e-11 *
         0    -0.6647
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
```

```
p =  
    0.4840  
    0.4172  
GeneralEqmConditionsVec =  
    1.0e-11 *  
         0    0.9537  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4172  
GeneralEqmConditionsVec =  
    1.0e-11 *  
         0   -0.2620  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4172  
GeneralEqmConditionsVec =  
    1.0e-11 *  
         0    0.5505  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4172  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0   -0.5915  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.3917  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0   -0.6448  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector
```

Current GE prices and GeneralEqmConditionsVec:

```
p =  
    0.4840  
    0.4045
```

GeneralEqmConditionsVec =

```
1.0e-11 *  
    0    -0.2657
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

```
p =  
    0.4840  
    0.4045
```

GeneralEqmConditionsVec =

```
1.0e-12 *  
    0    0.3890
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

```
p =  
    0.4840  
    0.4300
```

GeneralEqmConditionsVec =

```
1.0e-12 *  
    0    0.4121
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

```
p =  
    0.4840  
    0.4172
```

GeneralEqmConditionsVec =

```
1.0e-11 *  
    0    0.1350
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

```
p =  
    0.4840  
    0.4172
```

GeneralEqmConditionsVec =

```
1.0e-12 *  
    0   -0.1172
```

Current Aggregates:

AggVars =

```
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.3917
GeneralEqmConditionsVec =
    1.0e-12 *
         0    -0.1386
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4045
GeneralEqmConditionsVec =
    1.0e-12 *
         0    -0.6199
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4045
GeneralEqmConditionsVec =
    1.0e-12 *
         0     0.1315
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4300
GeneralEqmConditionsVec =
    1.0e-12 *
         0     0.1315
Current Aggregates:
AggVars =
0x1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4204
GeneralEqmConditionsVec =
    1.0e-13 *
         0     0.5862
Current Aggregates:
```



```
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4332  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0    -0.2096  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4116  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0    0.5862  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4148  
GeneralEqmConditionsVec =  
    1.0e-12 *  
         0    0.2256  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4166  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0   -0.4086  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4254  
GeneralEqmConditionsVec =  
    1.0e-13 *  
         0   -0.6573
```

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4840

0.4151

GeneralEqmConditionsVec =

1.0e-13 \*

0 0.1776

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4840

0.4113

GeneralEqmConditionsVec =

1.0e-13 \*

0 -0.6573

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4840

0.4181

GeneralEqmConditionsVec =

1.0e-13 \*

0 0.1776

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4840

0.4166

GeneralEqmConditionsVec =

1.0e-13 \*

0 0.7994

Current Aggregates:

AggVars =

0×1 empty double gpuArray column vector

Current GE prices and GeneralEqmConditionsVec:

p =

0.4840

0.4166

GeneralEqmConditionsVec =

1.0e-14 \*

```
0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4136
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.4086
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4170
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4185
GeneralEqmConditionsVec =
    1.0e-13 *
         0    -0.4086
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4159
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4177
GeneralEqmConditionsVec =
```

```
1.0e-14 *  
    0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4164  
GeneralEqmConditionsVec =  
1.0e-14 *  
    0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4168  
GeneralEqmConditionsVec =  
1.0e-14 *  
    0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4163  
GeneralEqmConditionsVec =  
1.0e-14 *  
    0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4171  
GeneralEqmConditionsVec =  
1.0e-14 *  
    0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4165
```

```
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4167  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4165  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4169  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840  
    0.4166  
GeneralEqmConditionsVec =  
    1.0e-14 *  
         0    -0.8882  
Current Aggregates:  
AggVars =  
    0×1 empty double gpuArray column vector  
Current GE prices and GeneralEqmConditionsVec:  
p =  
    0.4840
```

```

0.4167
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
Current Aggregates:
AggVars =
    0×1 empty double gpuArray column vector
Current GE prices and GeneralEqmConditionsVec:
p =
    0.4840
    0.4165
GeneralEqmConditionsVec =
    1.0e-14 *
         0    -0.8882
No vfoptions given, using defaults

```

#### Capital Market Outcomes:

The interest rate for household is 4.56, the international interest rate is  $r^* = 3.56$ , and the interest rate on earmarked credit is 3.56  
 Households hold capital of  $K_{hh}=541.0467$ , while firms use capital of  $K_{total}=1538.5633$ ; the difference is made up by net-foreign capital of  $K_{nfa}=-997.5166$

```

n_a    205.000
n_s     30.000

                Model A    Model B    Model C
r earmarked      0.029     0.026     0.036
r Market         0.050     0.051     0.036
Subsidized Firms  0.434     0.503     0.000

                Model A    Model B    Model C
Total Output     204.681    175.944    114.063
Labor            124.185    106.026     67.372
Capital          3511.400   3256.569   1538.563
TFP              0.738     0.707     0.772
Net Foreign Assets 0.436     0.068   -997.517
Subsidy Cost      73.646     81.021     0.000

```

#### Model A

##### Distribution statistics of benchmark economy

	<5	5 to 49	>=50	total
Share of establishments	41.403	53.701	0.356	100.000
Share of output	16.687	79.433	3.880	100.000
Share of labor	18.994	77.853	3.153	100.000
Share of capital	19.367	77.504	3.129	100.000

#### Model B

##### Distribution statistics of benchmark economy

	<5	5 to 49	>=50	total
Share of establishments	47.496	45.698	0.164	100.000
Share of output	22.735	75.103	2.161	100.000

Share of labor	25.406	72.871	1.723	100.000
Share of capital	25.873	72.420	1.707	100.000

**Model C**

Distribution statistics of benchmark economy

	<5	5 to 49	>=50	total
Share of establishments	51.371	39.043	0.047	100.000
Share of output	30.413	68.826	0.762	100.000
Share of labor	33.153	66.252	0.595	100.000
Share of capital	33.596	65.813	0.592	100.000

**Model B Subsidized**

Distribution statistics of benchmark economy

	<5	5 to 49	>=50	total
Share of establishments	49.121	47.253	0.170	100.000
Share of output	22.738	75.101	2.161	100.000
Share of labor	25.408	72.869	1.723	100.000

**Model A**

Share of capital	25.874	72.419	1.707	with r_ear ↙
with r_market Total				
TFP	0.738	0.488	0.738	
Aggregate output	204.538	0.143	204.681	
Aggregate labor	124.113	0.072	124.185	
Aggregate capital	3510.230	1.170	3511.400	

**Model B**

	with r_ear	with r_market	Total
TFP	0.707	0.412	0.707
Aggregate output	175.926	0.018	175.944
Aggregate labor	106.017	0.009	106.026
Aggregate capital	3256.429	0.139	3256.569

**Model C**

	with r_ear	with r_market	Total
TFP	NaN	0.772	0.772
Aggregate output	0.000	114.063	114.063
Aggregate labor	0.000	67.372	67.372
Aggregate capital	0.000	1538.563	1538.563

Average TFP	<5	5 to 49	>=50	total
Model A	1.434	1.630	2.011	1.476
Model B	1.471	1.663	2.067	1.462
Model C	1.541	1.716	2.154	1.463
Min TFP				
	<5	5 to 49	>=50	
Model A	1.331	1.516	1.967	
Model B	1.375	1.566	2.032	
Model C	1.468	1.618	2.099	

	Model A	Model B	Model C
Prob Stay	0.441	0.391	0.533
Prob Enter	1.000	1.000	1.000

Elapsed time is 1358.651733 seconds.  
>>