
Partial Equilibrium Model

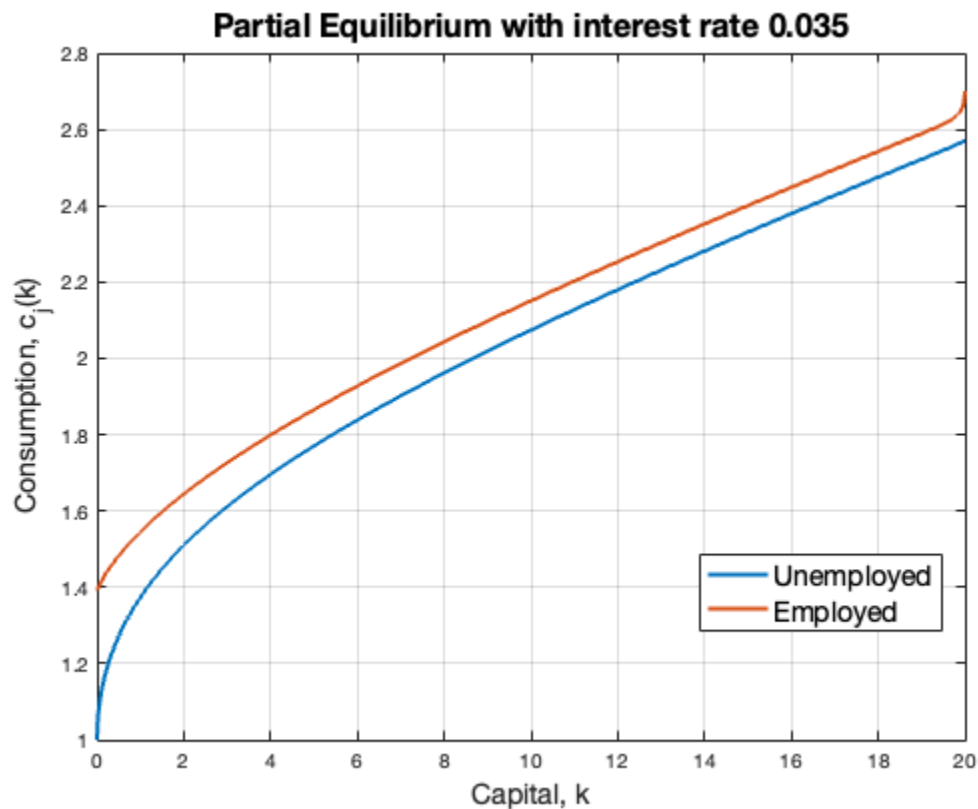
```
cd('/Users/muhammadbashir/GitHub/MuhammadCourses/DynamicProgramming2024/
ProblemSetSolutions/PS5/PE/');
```

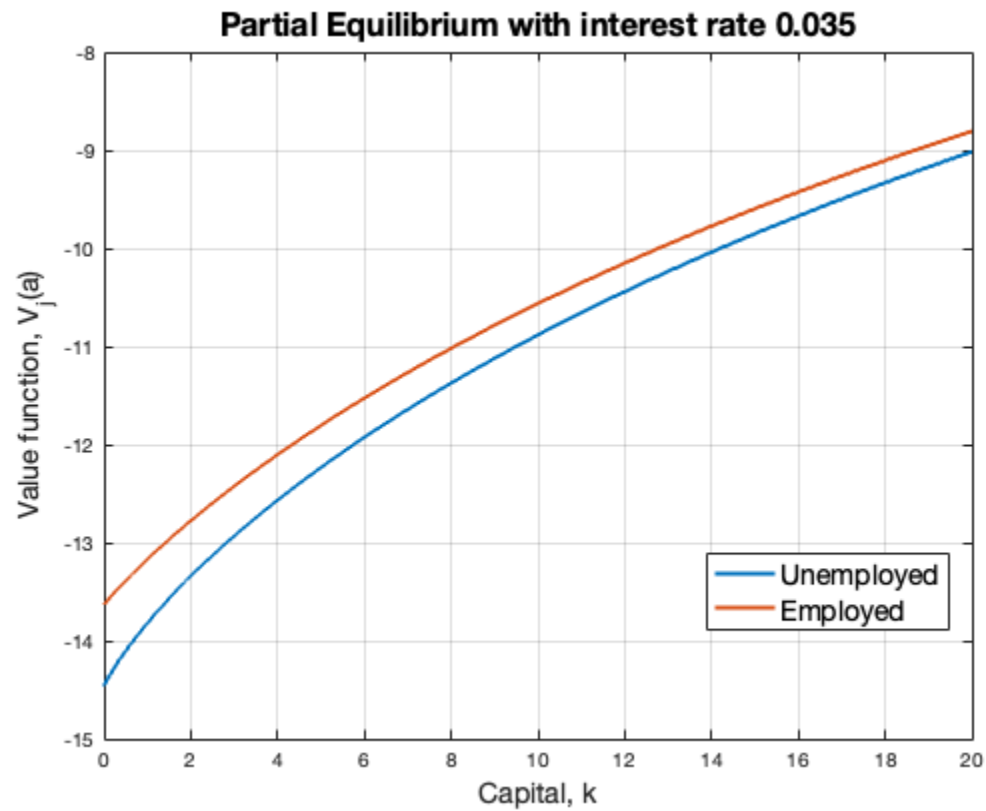
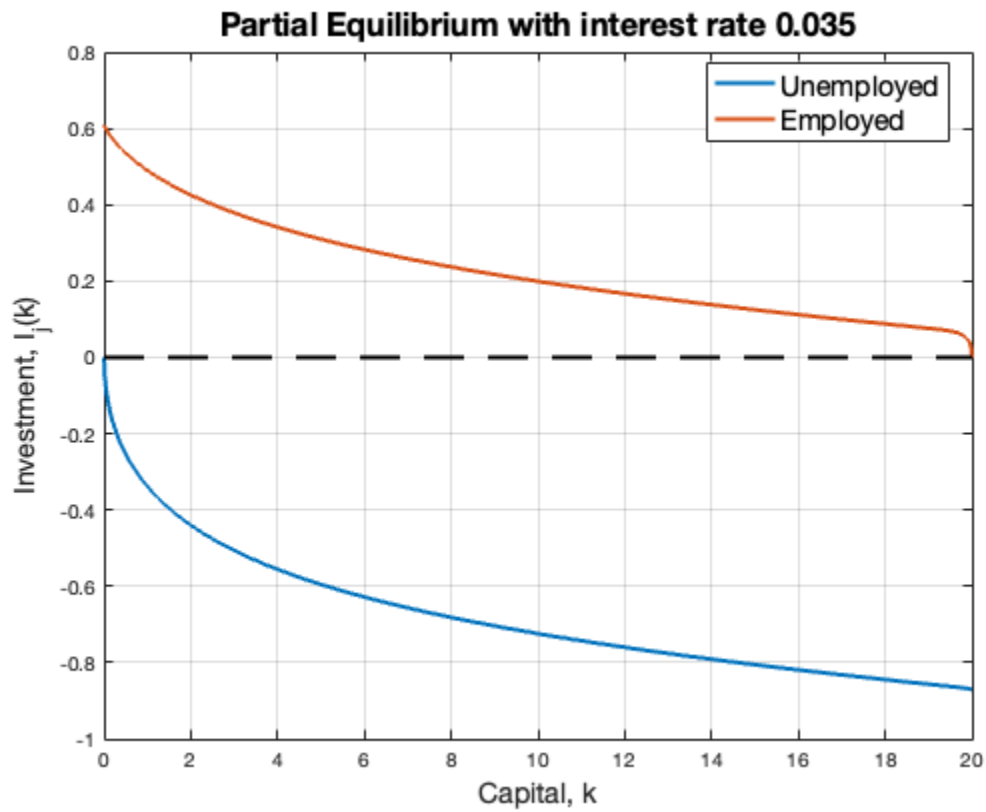
```
main;
```

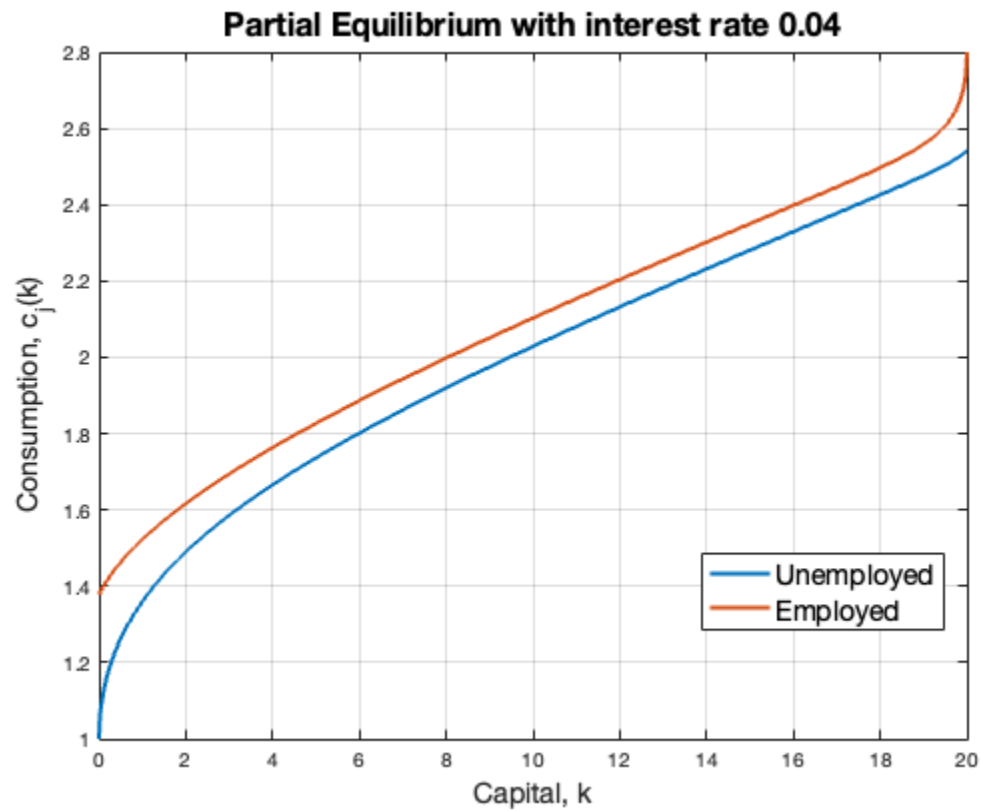
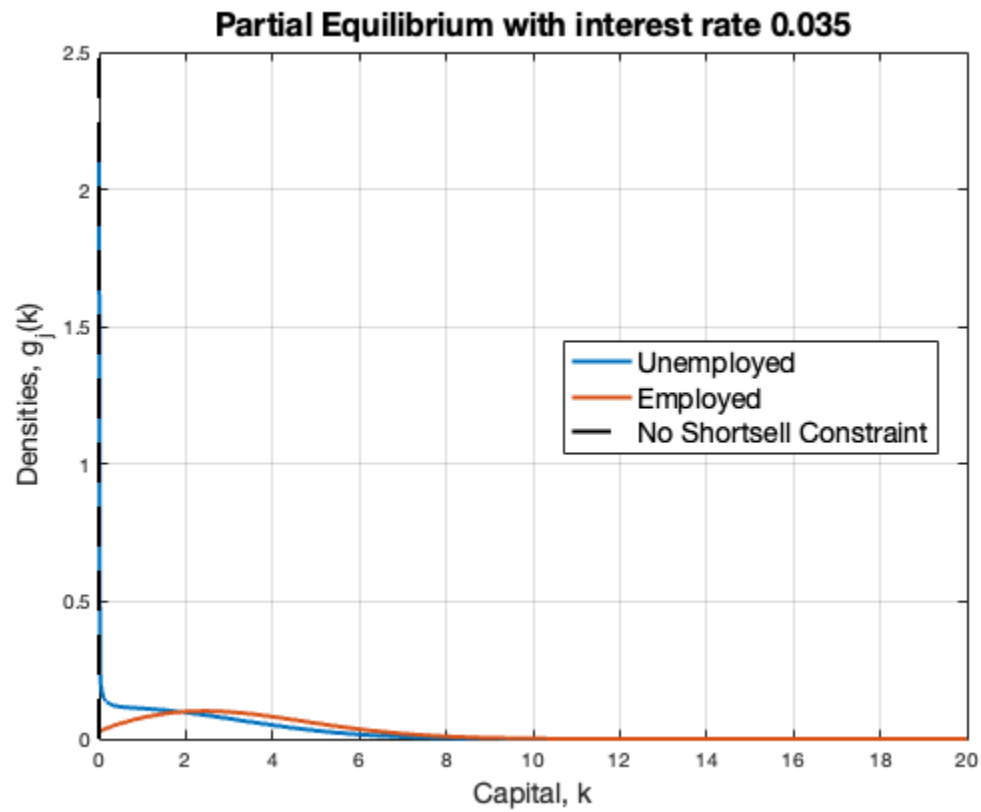
```
Value function converged. Iteration =
    20
```

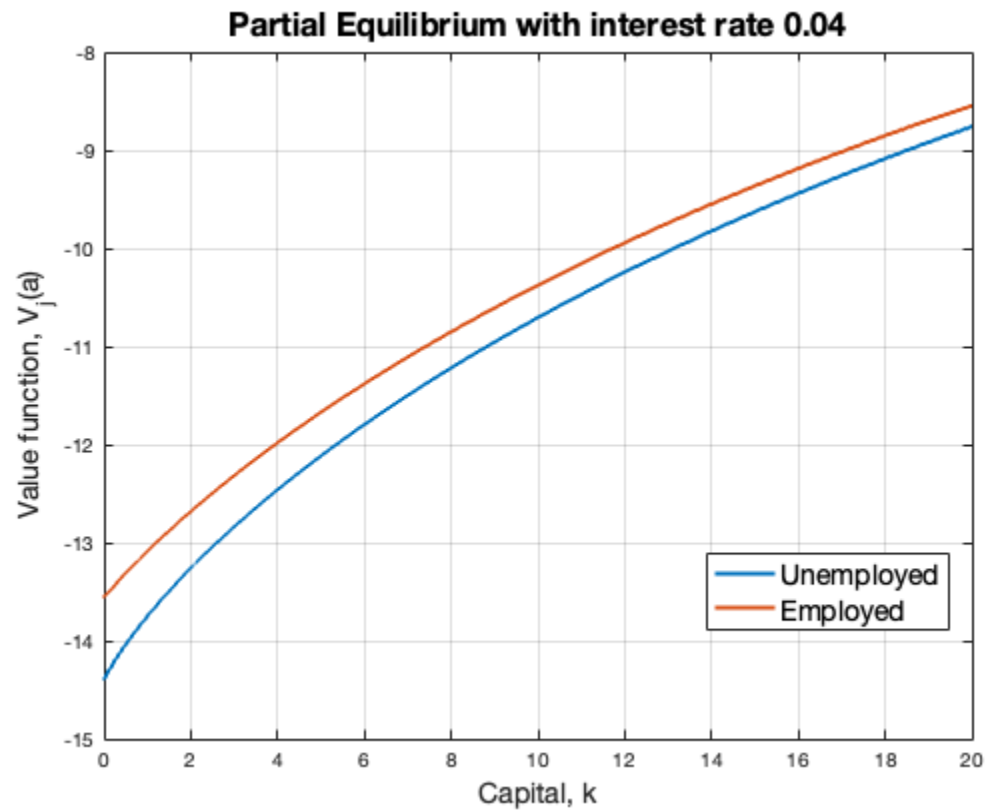
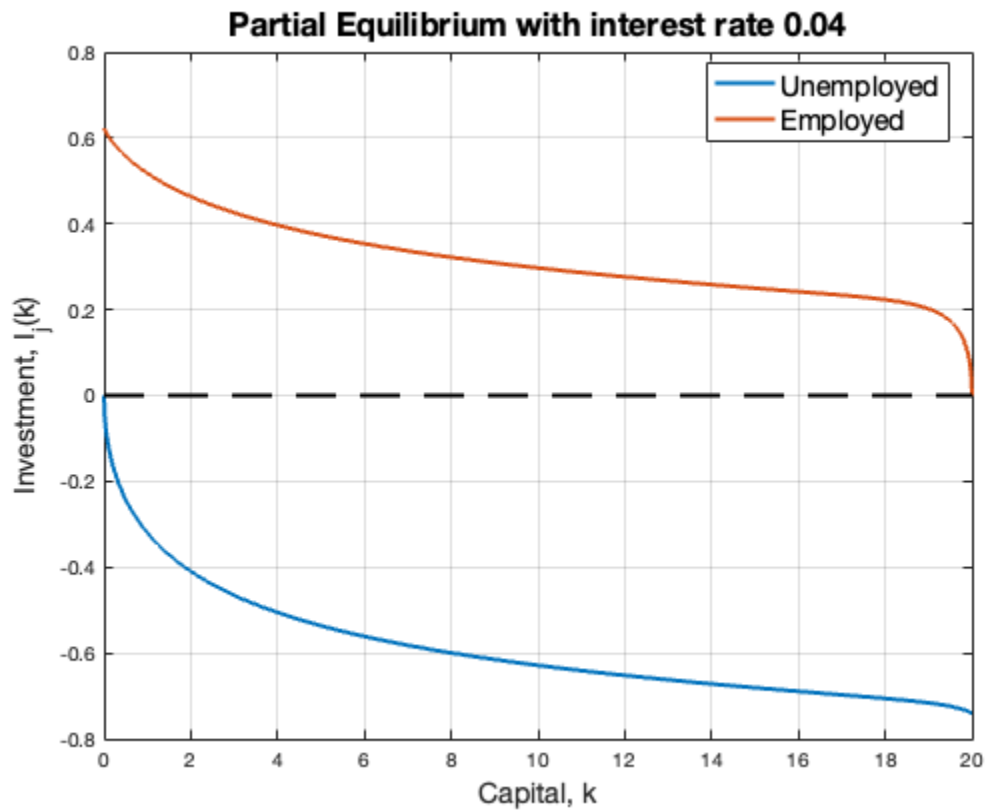
```
Warning: Imaginary parts of complex X and/or Y arguments ignored.
Warning: Imaginary parts of complex X and/or Y arguments ignored.
Warning: Imaginary parts of complex X and/or Y arguments ignored.
Warning: Imaginary parts of complex X and/or Y arguments ignored.
Value function converged. Iteration =
    17
```

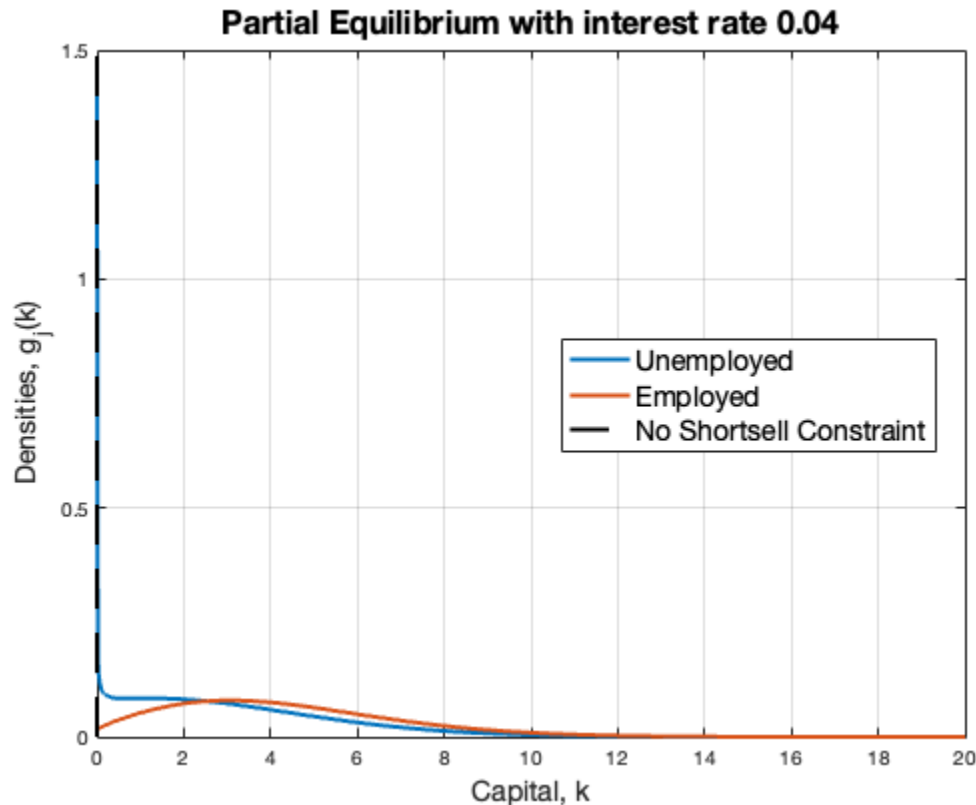
```
Warning: Imaginary parts of complex X and/or Y arguments ignored.
Warning: Imaginary parts of complex X and/or Y arguments ignored.
Warning: Imaginary parts of complex X and/or Y arguments ignored.
Warning: Imaginary parts of complex X and/or Y arguments ignored.
```











General Equilibrium Model & Transition Path

```
cd('/Users/muhammadbashir/GitHub/MuhammadCourses/DynamicProgramming2024/ProblemSetSolutions/PS5/GE/');
```

```
main_GE
```

```
Starting parallel pool (parpool) using the 'Processes' profile ...  
Connected to parallel pool with 11 workers.  
Value function converged. Iteration =  
10
```

```
Warning: Matrix is close to singular or badly scaled. Results may be  
inaccurate. RCOND = 4.068430e-18.  
Value function converged. Iteration =  
10
```

```
Warning: Matrix is close to singular or badly scaled. Results may be  
inaccurate. RCOND = 3.157375e-18.  
Warning: Matrix is close to singular or badly scaled. Results may be  
inaccurate. RCOND = 1.053937e-17.  
Warning: Matrix is close to singular or badly scaled. Results may be  
inaccurate. RCOND = 1.132293e-17.  
Warning: Matrix is close to singular or badly scaled. Results may be  
inaccurate. RCOND = 5.587138e-17.  
Value function converged. Iteration =  
10
```

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 3.358828e-18.
Value function converged. Iteration =
10

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 8.825020e-18.
Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 9.957055e-18.
Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 3.259508e-17.
Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 2.879351e-17.
Value function converged. Iteration =
10

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Value function converged. Iteration =
10

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Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 5.038811e-18.
Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 4.229658e-18.
Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 5.939059e-17.
Value function converged. Iteration =
10

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Value function converged. Iteration =
10

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Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 6.781696e-17.
Value function converged. Iteration =
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Value function converged. Iteration =
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Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.939624e-17.
Value function converged. Iteration =
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Value function converged. Iteration =
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Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 1.464970e-17.
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Value function converged. Iteration =
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Value function converged. Iteration =
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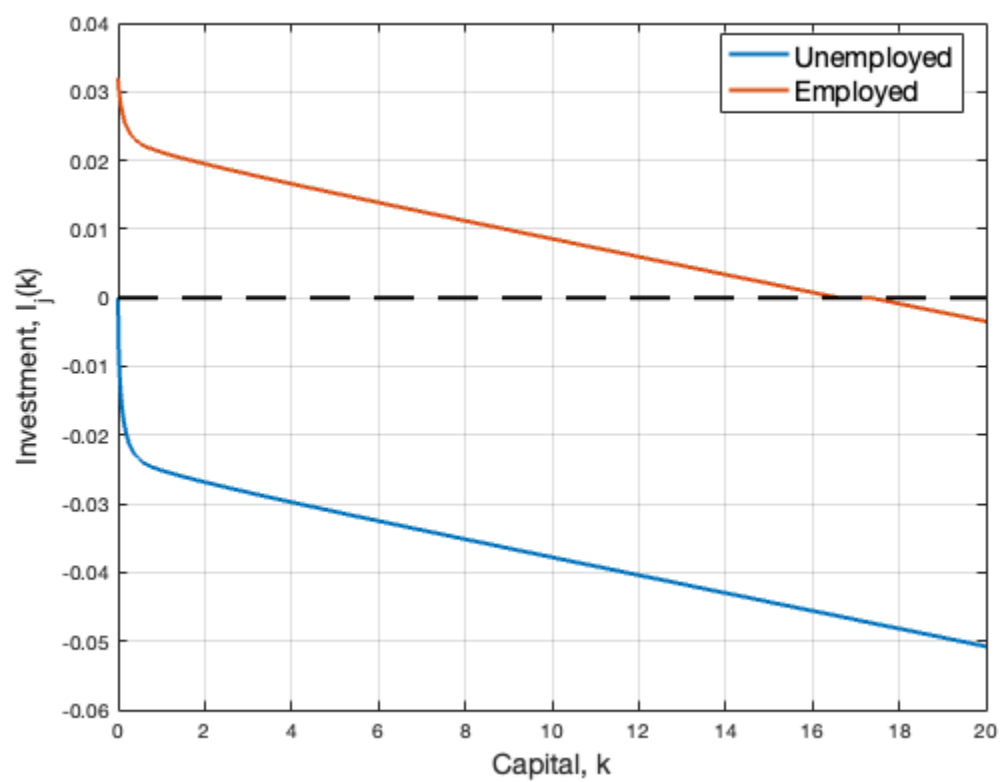
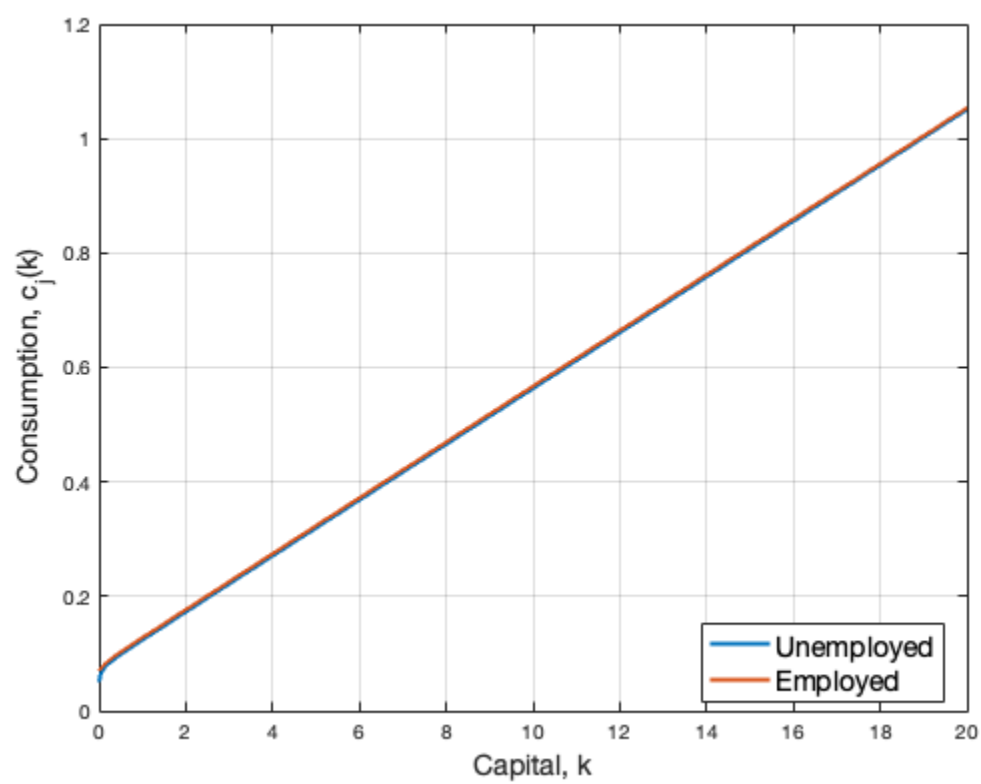
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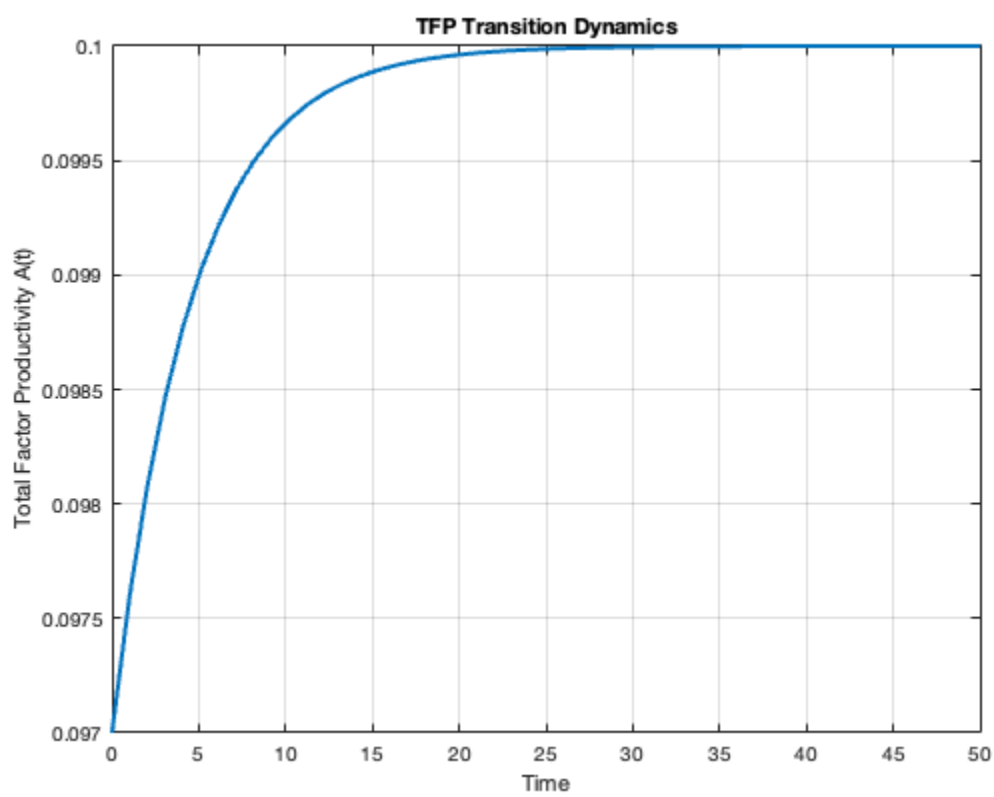
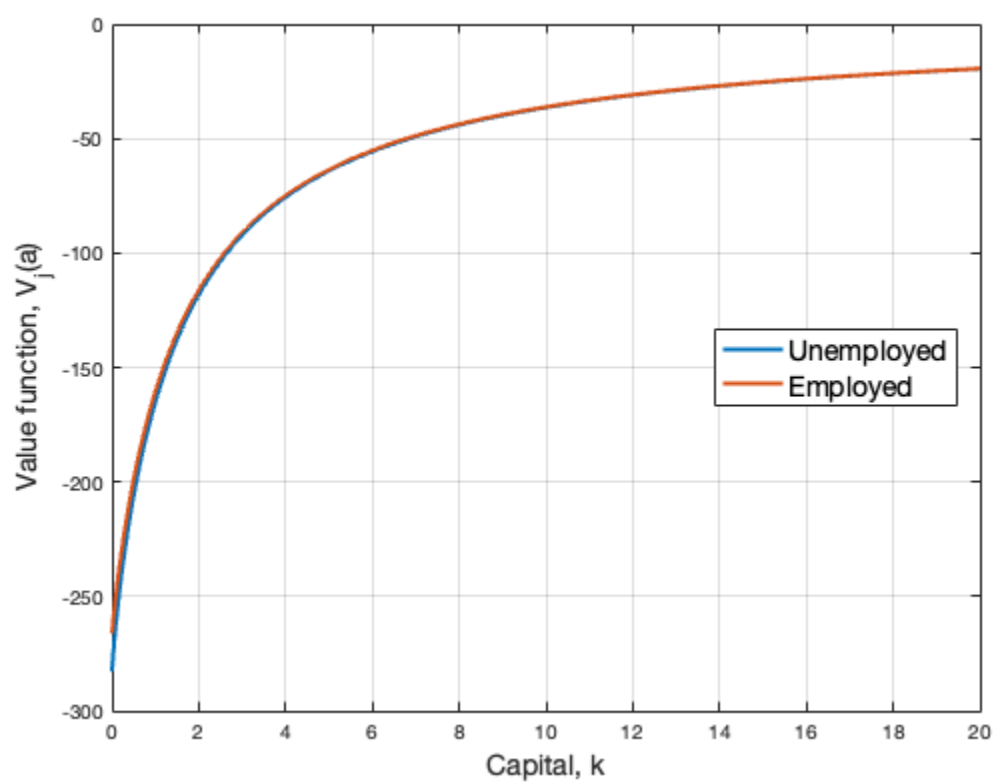
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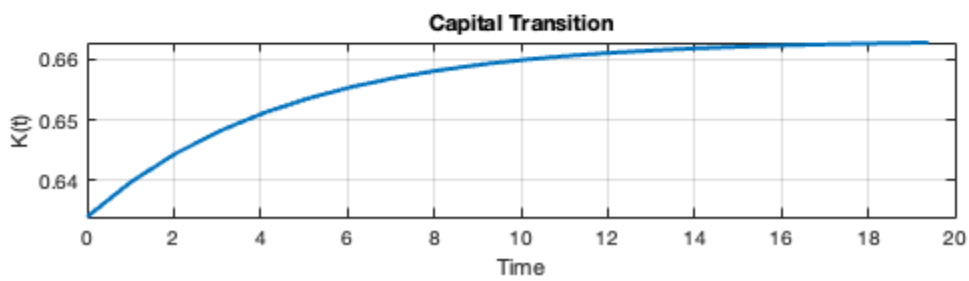
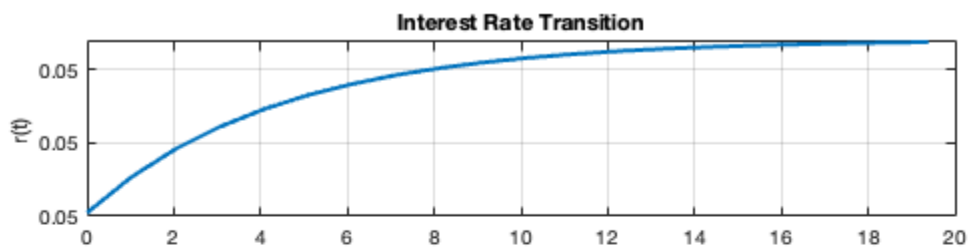
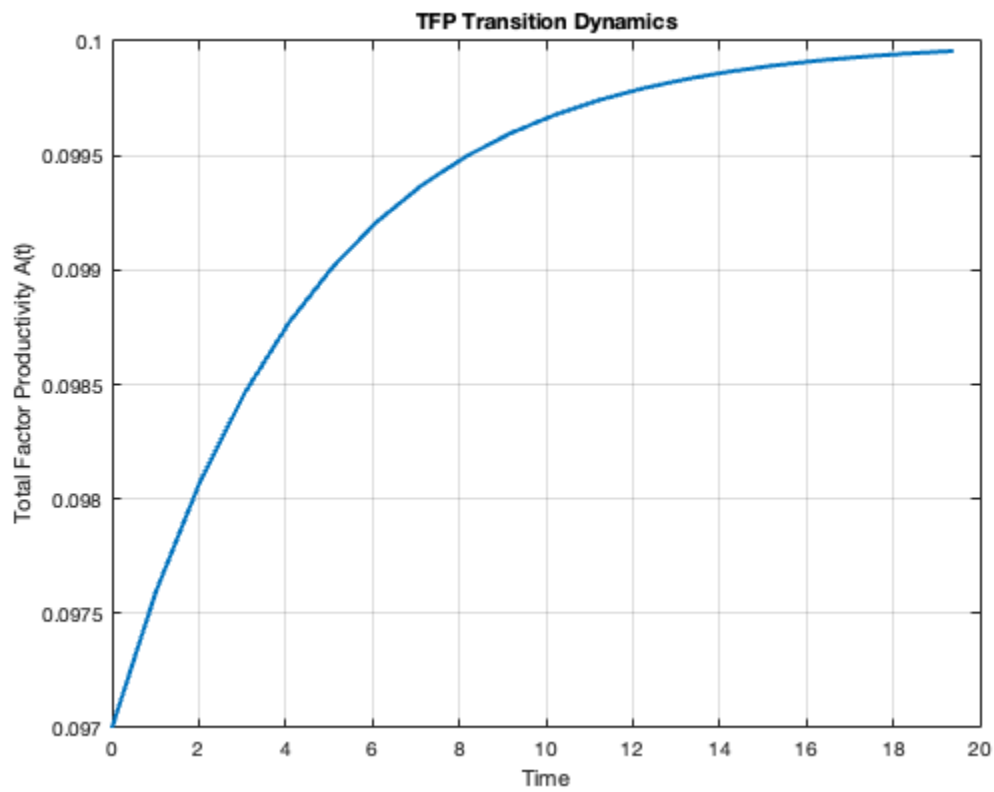
Warning: Matrix is close to singular or badly scaled. Results may be
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Warning: Matrix is close to singular or badly scaled. Results may be
inaccurate. RCOND = 5.201022e-17.

Warning: Matrix is close to singular or badly scaled. Results may be
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