

```
%% Section 3: Reporting the output for the perturbation approximation
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```
% For level approximation: k_cu = K;
```

```
% For log transformation: k_cu = log(K);
```

```
% For logistic transformation: k_cu = -log(1/Vss-1)
```

```
%The level of the states
```

```
auxOut.Xss          = [K C A D]';
```

```
%The level of the controls
```

```
auxOut.Yss          = [C IV Y LA N RK W]';
```

```
auxOut.labelx       = [{ 'k_t' }, { 'c_{t-1}' }, { 'a_t' }, { 'd_t' }];
```

```
auxOut.labely       = [{ 'c_t' }, { 'i_t' }, { 'y_t' }, { 'la_t' }, { 'n_t' }, { 'rk_t' }, { 'w_t' }];
```

```
%1 for a log-transformation, 2 for logistic transformation, 0 for a level approx
```

```
auxOut.transformX = ones(1,nx);
```

```
auxOut.transformY = ones(1,ny);
```