```
%                    OpenBDLM configuration file
%          Autogenerated by OpenBDLM on 22-Nov-2018 17:18:09
%
%% A - Project name
misc.ProjectName='Example_DISP';
```

Part 1: Project name

```
%% B - Data
dat=load('DATA_Example_DISP.mat');
data.values=dat.values;
data.timestamps=dat.timestamps;
data.labels={'Example_DISP'};
```

Part 2: Load data

```
%% C - Model structure

% Model components
% Model 1
model.components.block{1}={[11 31 31 41] };

% Model component constrains | Take the same  parameter as model class #1

% Model inter-components dependence | {[components form dataset_i depends on components
    from  dataset_j]_i,[...]}
model.components.ic={[ ] };
```

Part 3: Model structure

Mandatory

```
%% D - Model parameters
model.param_properties={
    % #1       #2       #3    #4    #5         #6       #7     #8     #9    #10
    % Param name Block name  Model Obs Bound Prior Mean Std Values Ref
    '\sigma_w', 'LL',  '1',   '1', [NaN  NaN],    'N/A',  NaN, NaN,  0,          1 %#1
    'p',        'PD1', '1',   '1', [NaN  NaN],    'N/A',  NaN, NaN, 365.24,      2 %#2
    '\sigma_w', 'PD1', '1',   '1', [NaN  NaN],    'N/A',  NaN, NaN,   0,         3 %#3
    'p',        'PD2', '1',   '1', [NaN  NaN],    'N/A',  NaN, NaN,   1,         4 %#4
    '\sigma_w', 'PD2', '1',   '1', [NaN  NaN],    'N/A',  NaN, NaN,   0,         5 %#5
    '\phi',     'AR',  '1',   '1', [0  1],        'N/A',  NaN, NaN,   0.97,      6 %#6
    '\sigma_w', 'AR',  '1',   '1', [0  Inf],      'N/A',  NaN, NaN,   0.0192,    7 %#7
    '\sigma_v', '',    '1',   '1', [0  Inf],      'N/A',  NaN, NaN,   7.425e-07, 8 %#8
};
```

Part 4: Model parameters

```
%% E - Initial states values
% Initial hidden states mean for model 1:
model.initX{ 1 }=[      25.89   -0.202  -0.00305        0.0331  0.051   -0.00843   ]';

% Initial hidden states variance for model 1:
model.initV{ 1 }=diag([ 3.74E-05        6.85E-05        6.99E-05        5.73E-07
    5.73E-07        0.000485        ]);

% Initial probability for model 1
model.initS{1}=[1     ];
```

Part 5: Initial hidden states

Optional

```
%% F - Options
misc.options.NaNThreshold=100;
misc.options.Tolerance=1e-06;
misc.options.trainingPeriod=[1  Inf];
misc.options.isParallel=false;
misc.options.isMute=false;
misc.options.isMAP=false;
misc.options.maxTime=60;
```

Part 6: Options