```
% OpenBDLM configuration file
% Autogenerated by OpenBDLM on 22—Nov—2018 17:18:09
%
%% A — Project name                    Part 1: Project name
misc.ProjectName='Example_DISP';

%% B — Data
dat=load('DATA_Example_DISP.mat');     Part 2: Load data
data.values=dat.values;
data.timestamps=dat.timestamps;
data.labels={'Example_DISP'};

%% C — Model structure
                                       Part 3: 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={[ ] };
```

Mandatory

```
%% D — Model parameters                Part 4: 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
};

%% 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        ]);
                                       Part 5: Initial hidden states
% Initial probability for model 1
model.initS{1}=[1      ];

%% F — Options
misc.options.NaNThreshold=100;
misc.options.Tolerance=1e—06;
misc.options.trainingPeriod=[1  Inf];
misc.options.isParallel=false;         Part 6: Options
misc.options.isMute=false;
misc.options.isMAP=false;
misc.options.maxTime=60;
```

Optional