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

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

%% 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=[ ] };
%
%% 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
};

%% 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 ];

%% 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;

```