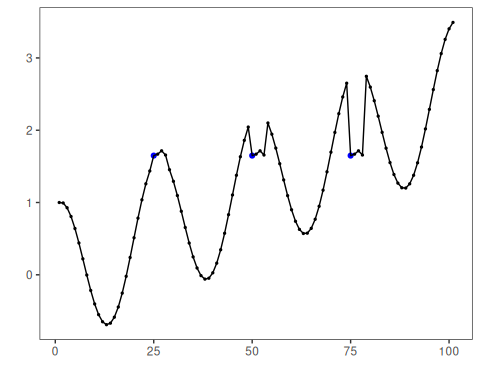
This notebook demonstrates motif discovery datasets and visualization using Harbinger’s base plotting. We will iterate over multiple series and apply the base workflow: fit, detect, plot.

# Install Harbinger (if needed)  
#install.packages("harbinger")

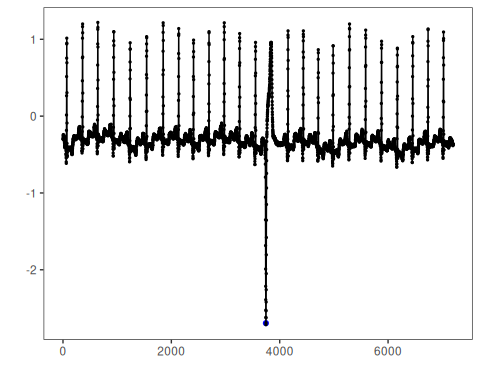
# Load required packages  
library(daltoolbox)  
library(harbinger)

# Load motif example datasets and create a base object  
data(examples\_motifs)  
model <- harbinger()

# Simple synthetic motif dataset  
dataset <- examples\_motifs$simple  
model <- fit(model, dataset$serie)  
detection <- detect(model, dataset$serie)  
har\_plot(model, dataset$serie, detection, dataset$event)



# ECG sample: MIT-BIH record 100  
dataset <- examples\_motifs$mitdb100  
model <- fit(model, dataset$serie)  
detection <- detect(model, dataset$serie)  
har\_plot(model, dataset$serie, detection, dataset$event)



# ECG sample: MIT-BIH record 102  
dataset <- examples\_motifs$mitdb102  
model <- fit(model, dataset$serie)  
detection <- detect(model, dataset$serie)  
har\_plot(model, dataset$serie, detection, dataset$event)

