A) Training phase

Positive training set -> First-order logic representation

WARMR -> Logical Rules

First-order logic representation -> Propositionalization

Conversion of logical rules into binary attributes

Construction of the binary representation

Training of the Propositional Model

B) Test phase

Positive test set

Propositionalization

Logical rules converted into binary attributes during the training phase

Construction of the binary representation

Test of the Propositional Model

Sequences classified as positives

Negative test set

First-order logic representation

Propositionalization

Logical rules converted into binary attributes during the training phase

Construction of the binary representation

Sequences classified as negatives