Preprocess

Observation

What specific part this concept is looking at

How similar the input is to this concept.

How related the concept is to the label, i.e. "crossing"

Multi-modal concepts

Recalibrated features

Activation scores

Relevance scores

This concept is related to "crossing".

Modality 1 Local context

Concepts of Modality 1

◯ *"crosswalk"*

− +

Not crossing

Crossing

×

Prediction

Modality M Trajectory

Concepts of Modality M

◯ *"trajectory at the left side"*

This concept is related to "not crossing".

◯ *"crosswalk"* → **Represented by**

Samples in the training set with high activation scores

Known before the inference

◯ *"trajectory at the left side"* → **Represented by**

Samples in the training set with high activation scores