

EXPLANATION 6 - MOUNTAIN_BIKE



The **BLACK-BOX** model prediction is **mountain_bike** with a probability of **70.933%**.

Why is it a **mountain_bike**?

ANSWER THE QUESTIONS

↓ The picture below shows the visual explanation produced by EBAnO for the prediction **mountain_bike**.



1. Is it TRUE that the **GREEN** areas are correctly representing the predicted class **mountain_bike**?

- ☐ Yes, the green areas are representing **mountain_bike**
- ☐ Partially, the green areas are partially representing **mountain_bike**
- ☐ No, the green areas are **not** representing **mountain_bike**

2. Are there any **RED** areas in the image?

- ☐ Yes, there are dark red areas (even small)
- ☐ Partially, There are only soft red areas
- ☐ No, there are no red areas

3. Is it TRUE that the **RED** areas (if any) are **NOT IMPORTANT** for **mountain_bike**?

- ☐ The red areas are **NOT IMPORTANT** for **mountain_bike**
- ☐ The red areas are **important** for **mountain_bike**
- ☐ I do not know.
- ☐ Not Available (there are no red areas)

SELECT THE EXPLANATION

↓ Among the following alternative explanations, which are the best at identifying the right portions of the image leading to the predicted class **mountain_bike**?

You can select more than one image.

↑ **EBAnO**

GREEN areas are positive for class **mountain_bike**.

RED areas are negative for class **mountain_bike**.

↑ **LIME**

GREEN areas are positive for class **mountain_bike**.

RED areas are negative for class **mountain_bike**.

↑ **GRAD-CAM**

Gradient saliency map from **BLUE** to **RED**.

BLUE areas are neutral for class **mountain_bike**.

The most the area is close to **RED** color, the most it is important for class **mountain_bike**.