

LEARNING DEVICE, LEARNING METHOD, AND LEARNING PROGRAM

[ABSTRACT]

[Problem] To provide a learning device, a learning method, and a learning program for appropriately performing learning of a model.

[Solution] A learning device 1 is a device that calculates an evaluation value for target data, and that causes a machine-learning model M to perform appropriate determination on determining whether a product is a good product (first label) or a defective product (second label). The learning device 1 includes a data acquisition unit 2, an incrementation processing unit 3, a control unit 4, an extraction unit 5, a learning unit 6, a display unit 7, and a label modification unit 8. The handled data are a teacher data 11 to which the first label or the second label is assigned, a teacher candidate data 12 serving as a candidate for the teacher data 11, and a modified teacher candidate data 13 that has been subjected to incrementation processing by the incrementation processing unit 3. Data constituting a population 14 is acquired by the data acquisition unit 2, the data is incremented by the incrementation processing unit 3, and an extraction data 15 is extracted by the extraction unit 5. Learning is enabled through incrementation of data by the incrementation processing unit 3 prior to the extraction processing by the extraction unit 5.

[Selected Drawing] FIG. 1