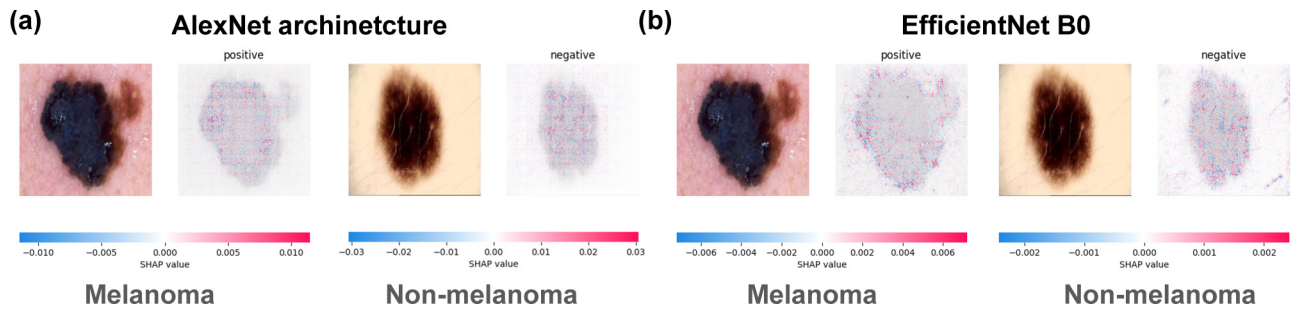


# RDDL: a systematic ensemble pipeline tool that streamlines balancing training schemes to reduce the effects of data imbalance in rare-disease-related deep-learning applications

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## Supplementary Materials



**Figure S1:** The lesion regions focused by (a) Alexnet (trained using the batch balancing scheme) and (b) EfficientNet B0 (trained using the over-sampling 1:1 balancing scheme) for disease identification. The focused areas are indicated by high SHAP values.