

A Knowledge- enhanced Transform-Based Multimodal Classifier for microbial keratitis identification

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Supplementary Materials

List of Supplementary Materials

Table S1 and Figure S1

Our study has applied the variable learning rate by exponential form of growth ($new_lr = initial_lr \times \gamma^{\text{epoch}}$ Equation 1).

$$new_lr = initial_lr \times \gamma^{\text{epoch}} \quad \text{Equation 1}$$

* lr : learning rate

Hyperparameter	Number
Epoch	30
Batch size	16
Initial learning rate	0.001
γ	0.98
Seed	16

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Table S 1. Hyperparameter configuration in the experiment

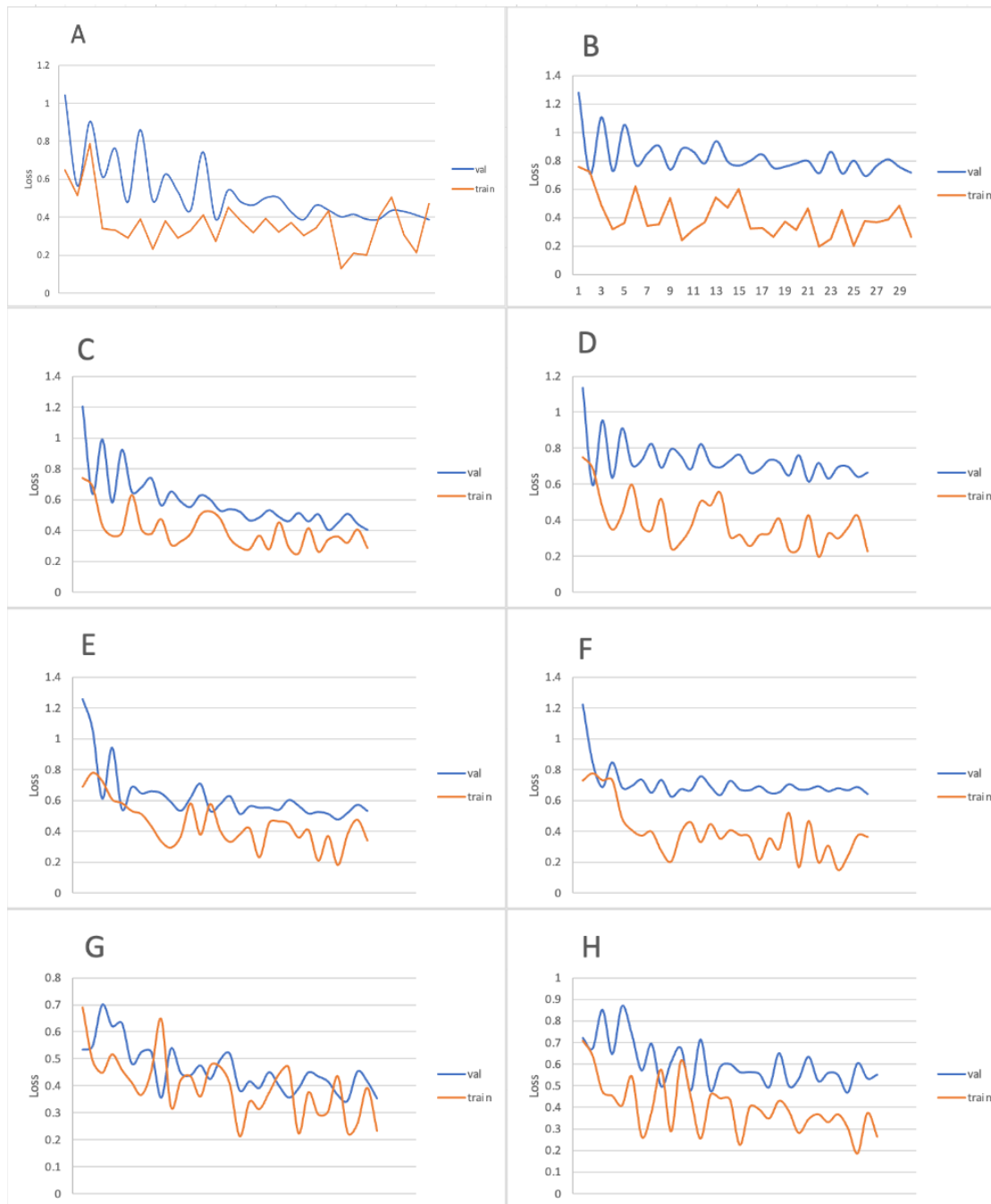


Figure S 1. The loss results of KTBMC with different input and CNN: (A)ResNet152 with text, (B) ResNet152 without text,(C) ResNet50 with text, (D) ResNet50 without text, (E) DenseNet121 with text, (F) DenseNet121 without text, (G) DenseNet169 with text, (H) DenseNet169 without text.