

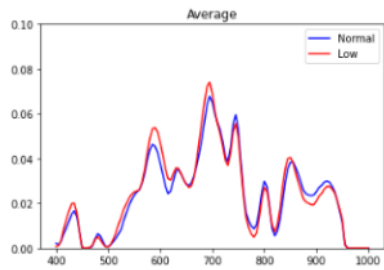
狀態:	New	開始日期:	2024-04-23
優先權:	Normal	完成日期:	
被分派者:	Chifu Chung	完成百分比:	0%
分類:		預估工時:	0:00 小時
版本:		耗用工時:	0:00 小時

概述

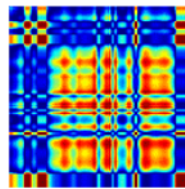
A1模組影像資料產生及模型訓練

1. A1模組影像資料產生及模型訓練

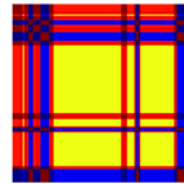
資料轉換



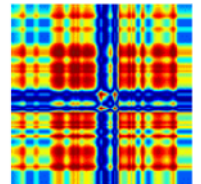
GAF-格拉姆角場



MTF-馬可夫轉換場



RP-遞迴圖



1. A1模組影像資料產生及模型訓練

使用EfficientNetV2

EfficientNet: Rethinking Model Scaling for Convolutional Neural Networks

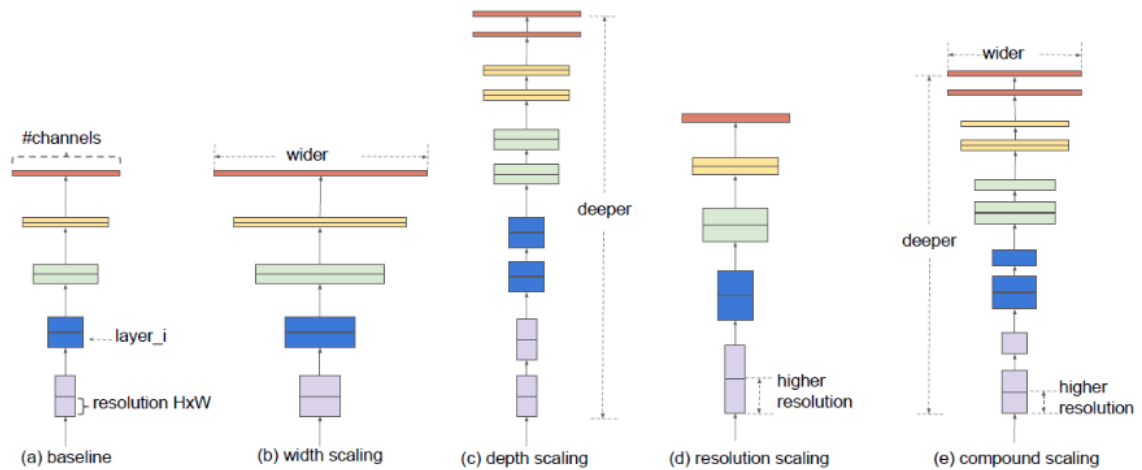
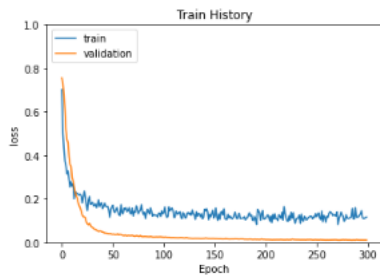
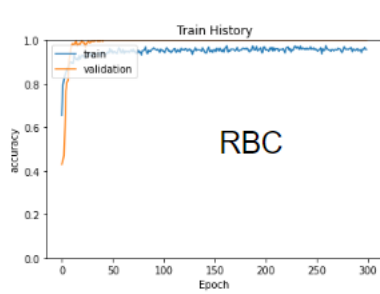


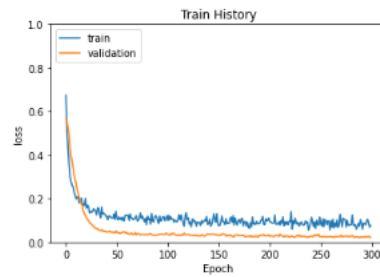
Figure 2. Model Scaling. (a) is a baseline network example; (b)-(d) are conventional scaling that only increases one dimension of network width, depth, or resolution. (e) is our proposed compound scaling method that uniformly scales all three dimensions with a fixed ratio.

# GAF



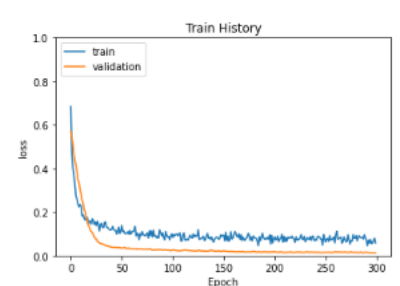
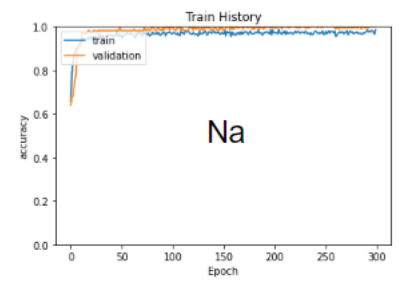
Test Data Dec:  
Score = 1.0

Test Data:  
Score = 0.45232558250427246



Test Data Dec:  
Score = 0.9120879173278809

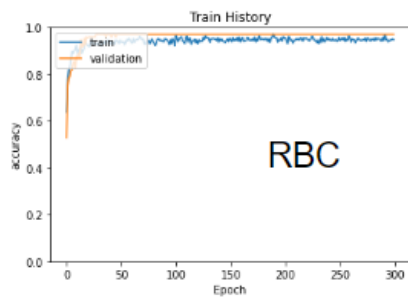
Test Data:  
Score = 0.75



Test Data Dec:  
Score = 0.9670329689979553

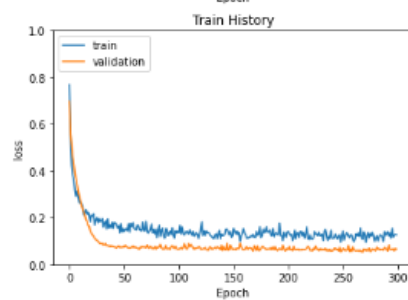
Test Data:  
Score = 0.5011627674102783

# MTF



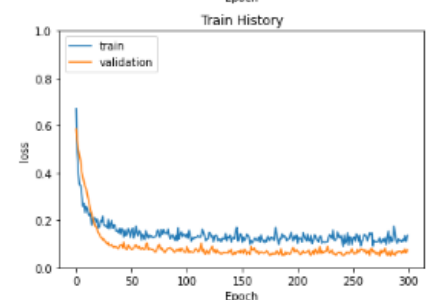
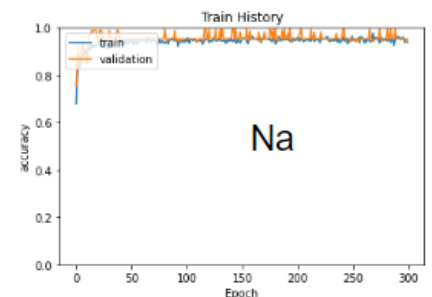
Test Data Dec:  
Score = 0.9560439586639404

Test Data:  
Score = 0.3383720815181732



Test Data Dec:  
Score = 0.8681318759918213

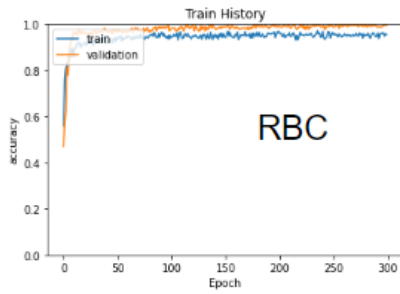
Test Data:  
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Test Data Dec:  
Score = 0.9230769276618958

Test Data:  
Score = 0.7069767713546753

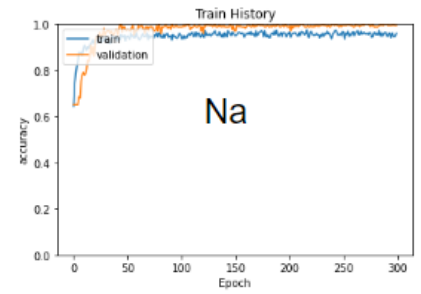
# RP



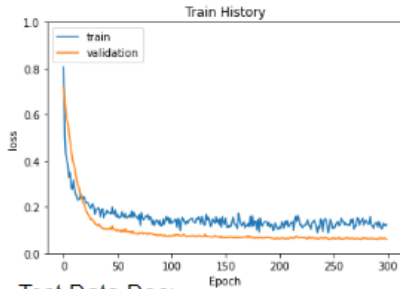
RBC



GOT

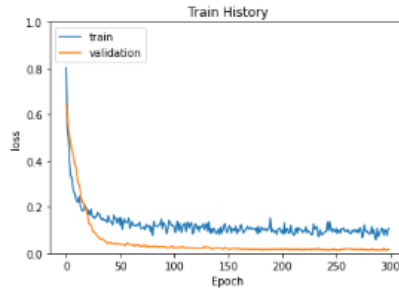


Na



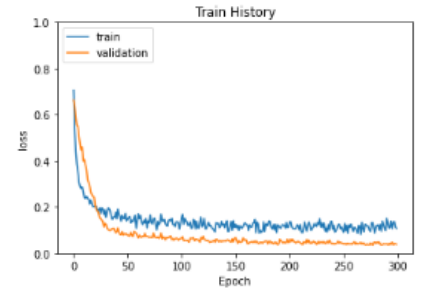
Test Data Dec:  
Score = 1.0

Test Data:  
Score = 0.4686046540737152



Test Data Dec:  
Score = 0.9120879173278809

Test Data:  
Score = 0.8337209224700928



Test Data Dec:  
Score = 0.8791208863258362

Test Data:  
Score = 0.5627906918525696

## 1. A1模組影像資料產生及模型訓練

目前結果：

一維訊號

模組：A1	測試集1	測試集2
RBC	98.91%	53.84%
Na	95.65%	47.09%
GOT	91.30%	48.02%

GAF-格拉姆角場

模組：A1	測試集1	測試集2
RBC	100%	45.23%
Na	96.70%	50.11%
GOT	91.21%	75%

MTF-馬可夫轉換場

模組：A1	測試集1	測試集2
RBC	95.60%	33.83%
Na	92.31%	70.69%
GOT	86.81%	76.16%

RP-遞迴圖

模組：A1	測試集1	測試集2
RBC	100%	46.86%
Na	87.91%	56.28%
GOT	91.21%	83.37%

血小板計數、鈣、磷、總蛋白量

### 檔案

檔案名稱	大小	日期	上傳者
clipboard-202404231732-fs7ve.png	152 KB	2024-04-23	Chifu Chung
clipboard-202404231732-ckhnx.png	123 KB	2024-04-23	Chifu Chung
clipboard-202404231732-8cdzi.png	97 KB	2024-04-23	Chifu Chung
clipboard-202404231732-qjf4u.png	88 KB	2024-04-23	Chifu Chung
clipboard-202404231732-meo4p.png	89.4 KB	2024-04-23	Chifu Chung
clipboard-202404231733-2ceeb.png	82.4 KB	2024-04-23	Chifu Chung