

# A Survey of Performance Prediction

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## 1 Feasibility

Human Experts are quite adept at recognizing and terminating suboptimal model architecture according to 1). Its architecture 2). Its partially observed learning curve. 3). Statistic of weights and biases, historical pattern, information transmission frequency.

## 2 Related Works

### 2.1 according to architecture

human experience

### 2.2 Learning Curve

### 2.3 Statistic

weight visualization: CNN RNN weight quantitative index

## References