

Let n be the number of steps between evaluations. Let p be the "patience," the number of times to observe worsening validation set error before giving up. epochs cites now Porhs Let θ_o be the initial parameters. $\theta \leftarrow \theta_o$ $i \leftarrow 0$ $i \leftarrow 0$ Algorithm determines the $v \leftarrow \infty$ best amount of time to train. $\theta^* \leftarrow \theta$ The meta algorithm is a $i^* \leftarrow i$ while j < p do general strategy that works Update θ by running the training algorithm for n steps. well with a variety of i+i+1 -> kpd one n times (iterations) training algorithms and $v' \leftarrow ValidationSetError(\theta)$ ways of quantifying error if v' < v then on the validation set. $j \leftarrow 0$ $\theta^* \leftarrow \theta$ $v \leftarrow v'$ $j \leftarrow j + 1$ end if end while 7 Best parameters are θ^* , best number of training steps is t^*