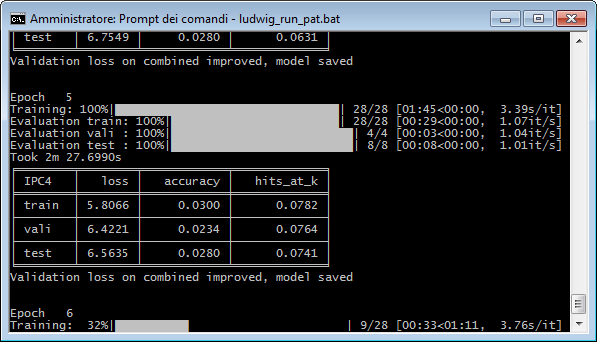
# LUDWIG – INTERMEDIATE STEPS

VERSION 1: no optimization



input\_features:

-

name: EARLIEST\_FILING\_YEAR

type: numerical

-

name: APPLN\_ABSTRACT

type: text

level: word

-

name: PSN\_NAME

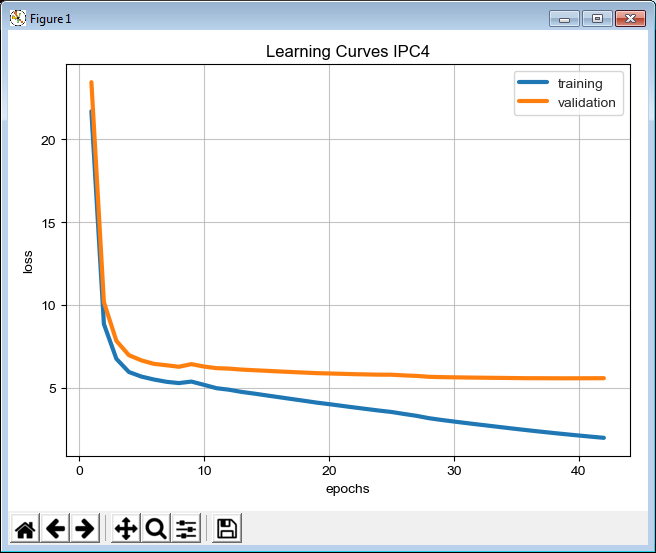
type: category

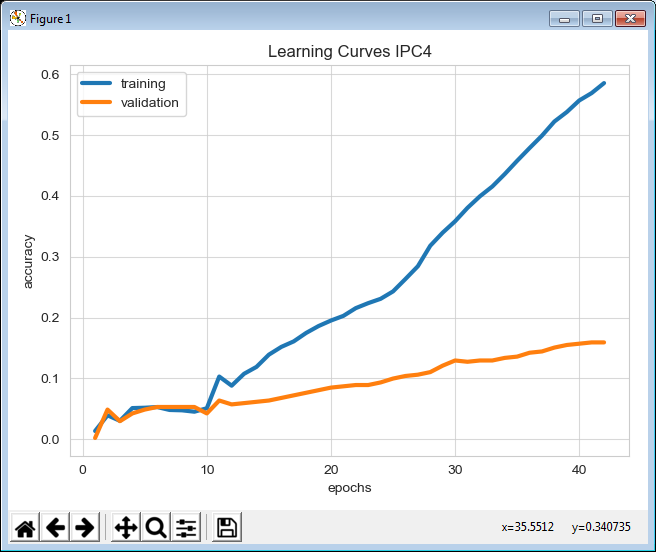
output\_features:

-

name: IPC4

type: category





Version 2:

modeldefinition\_ipc4

input\_features:

-

name: APPLN\_ABSTRACT

type: text

level: word

encoder: parallel\_cnn

preprocessing:

word\_format: english\_tokenize

output\_features:

-

name: IPC4

type: category

training:

batch\_size: 128

epochs: 1000

early\_stop: 50

learning\_rate: 0.003

optimizer:

type: adagrad

