$\eta$ ,  $\lambda$  grid search for logistic regression. Batch size = 5, epochs = 100.  $\sim$  -0.95 0.92 0.95 0.94 0.95 0.95 0.95 0.95 0.95 0.95 0.95 0.94  $\sim$  -0.94 0.95 0.95 0.96 0.96 0.96 0.95 0.95 0.95 0.95 0.95 0.95

- 0.98

- 0.97

- 0.96

- 0.95

- 0.94

- 0.93

