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# **Linear models**

#### Scikit-learn

- SVC / SVR
  - Sklearn wraps libLinear and libSVM
  - Compile yourself for multicore support
- LogisticRegression / LinearRegression + regularizers
- SGDClassifier / SGDRegressor

### **Vowpal Wabbit**

• FTRL

Regularization parameter (C, alpha, lambda, ...)

- Start with very small value and increase it.
- SVC starts to work slower as C increases

#### Regularization type

- L1/L2/L1+L2
- L1 can be used for feature selection

## **Plugin Backlinks:**

From:

https://jace.link/ - Various Ways

Permanent link:

https://jace.link/open/linear-models

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