SLR toolbox Revision History

(updated on 2009/08/10 written by Okito Yamashita)

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History

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2009-08-10 ver.1.2.1a

- Bug fix when test label has only one or a part of all the labels.
  modified : label2num.m, slr_error_table.m, biclsfy_*.m, muclsfy_*.m

2009-07-28 ver.1.2a

- Two algorithms for L1-norm-SLR model are implemented (but has not been tested carefully)
  add four codes : biclsfy_l1slrlap.m, biclsfy_l1slrc.m, slr_learning_l1.m, slr_learning_l1c.m
- Most of Readme.pdf are revised.

2009-06-05 ver.1.1a

- A new multiclass classifier is implemented (one-versus-one classifier based on SLR-VAR)
  add : muclsfy_slrvarovo.m
- Minor modification

2009-06-01 ver.1.0b

- Previous run-level functions were arranged and all the functions in the toolbox were organized for open source codes

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2009-01-06 ver.0.312

- Minor updated.

2007-01-29 ver.0.311

- 'nohessian' option is added to slr_learning_var.m and run_smlr_bi_var.m
- The document in this "README.txt" is modified.

2006-11-16 ver.0.31

- implement run function for nonlinear (kernel) classification.

2006-10-24 ver.0.30 .

- New algorithm (slr_learning_var.m) for learning parameters is implemented. This new version is much faster than previous version's algorithm (slr_learning.m).
- Comments in function are largely modified.
- Several deemos which show how this tool-box works are introduced.
- Error table is introduced as output of classification.

2006-09-08 ver.0.20

- Support true multinomial classification using multinomial distribution (sparse multinomial logistic regression)
- run_* functions, which is a high level function to implement common classification procedure including normalization, are added.
- Log information can be save.
- File format is not still compatible with Alex's format.
- Multinomial logistic regression is implemetned
- Save log, run_* function

2005-12-07 ver.0.1

- Sparse estimation based on Automatic Relevance Determination (ARD) prior and logistic regression model
- Binary classification (so far)
- Relevance Vector Machine (RVM) using Gaussian kernel is supported.