

## Data Management Plan

The PI will promptly publish the research results obtained under NSF support. The PI will also post pre-prints on his research webpage. The results will also be disseminated by presentations given in meetings and conferences.

The PI and his collaborators have been working very hard on publishing the data and code for reproducible research. The following are some of the webpages:

(1) Preliminary results reported in this proposal, with a technical report:

<http://www.stat.ucla.edu/~ywu/ABC/ABC.html>

(2) Active basis model

<http://www.stat.ucla.edu/~ywu/AB/ActiveBasisMarkII.html>

(3) Active curve model

<http://www.stat.ucla.edu/~wzhu/IRAC/>

(4) Stochastic matching pursuit for Bayesian variable selection

[http://www.stat.nuk.edu.tw/Ray-Bing/selection\\_web/homepage.htm](http://www.stat.nuk.edu.tw/Ray-Bing/selection_web/homepage.htm)

The above webpages contain a wealth of data and experimental results. They also contain computer code in Matlab and C. A student is working on translating some of the important code into R language, which is more popular among statisticians.

The PI shall continue to work hard on publishing data, code, and experimental results with careful documentations.

Working with the PI's collaborator Song-Chun Zhu, the PI plans to create data sets for various tasks, such as extrapolative generalization, where the testing data and training data do not come from exactly the same distribution, but they may share some common constituent patterns. We shall post the data on line and share them with the community.