Dear Dr. Gerr:

During the course of this project the research accomplished under it has been used successfully in furthering the goals given in our proposal. Faculty and graduate students supported by this contract have been instrumental in developing procedures for data analysis. Two such procedures are 'projection pursuit' in which higher dimensional data can be analyzed by reduction to few dimensions and also viewed graphically. The 'bootstrap' procedure, which is a nonparametric procedure, permits statistical analyses of various kinds such as regression, classification and density estimation without resort to distribution assumptions. Our work and that of the scientific community has been enhanced through additional work on these procedures and their application to diverse data sets. Several Ph.D.'s in computational and graphical statistics have been awarded under this program.

The list of the technical issued during the period of the contract is attached. We thank the Office of Naval Research for its support.

Sincerely yours,

Jerome H. Friedman
Principal Investigator

cc: R. Simpson, ONR Representative
3. Tibshirani, R.J., Bootstrap Confidence Intervals, October 1984.

END
Feb.
1988
DTIC