

15-3-93

To,
Dr. Niranjan Joshi,
Centre for Ecological Sciences,
Indian Institute of Science,
Bangalore, 560012.

Dear Dr. Joshi,

Dr. Gore showed me your letter about statistical analysis of POI data. I would like to suggest following. I have already discussed this with Dr. Gore.

It seems most of the questions you are asking can be attempted using logistic regression. The programs are ready and available with you. e.g. Steplog - (available with RQ) selects variables according to their significance. At every step it gives additional information due to newly added variable and its significance. Some times this program gives problems of convergence. In such cases

one can use a search-procedure which is programmed in HJ or Hook-Jeev. Maybe you are familiar with both these programs. These programs may need some modification for dimension statement in incorporate larger number of observations and variables.

If you want to try this and ^{come} ^{have} across some problems with the programs please let me know. I ~~can~~ may be able to help you in this regard.

Please convey Hellow to Geeta and others
with best wishes

AMaranje