

Indian Institute of Space Science and Technology – Thiruvananthapuram

MA622 Pattern Recognition and Machine Learning

Assignment-11I

Date: 10-04-2015

1. (a) Implement SMO for classification.
- (b) Analyse Ionosphere data using SMO.
- (c) Plot the cost function values over iteration.

Notes

- Assignment has to be written in latex.
- All the files related with the assignment should be saved in a single folder and send to sumitra@iist.ac.in.
- Submission dates: first phase: 15-04-2015; final phase: 22-04-2015.
- **As far as assignments are concerned, students are expected to observe academic honesty and integrity. Though the students can collaborate and discuss, copying directly other students' assignment or allowing your own assignment to be copied constitute academic dishonesty and is highly discouraged.**