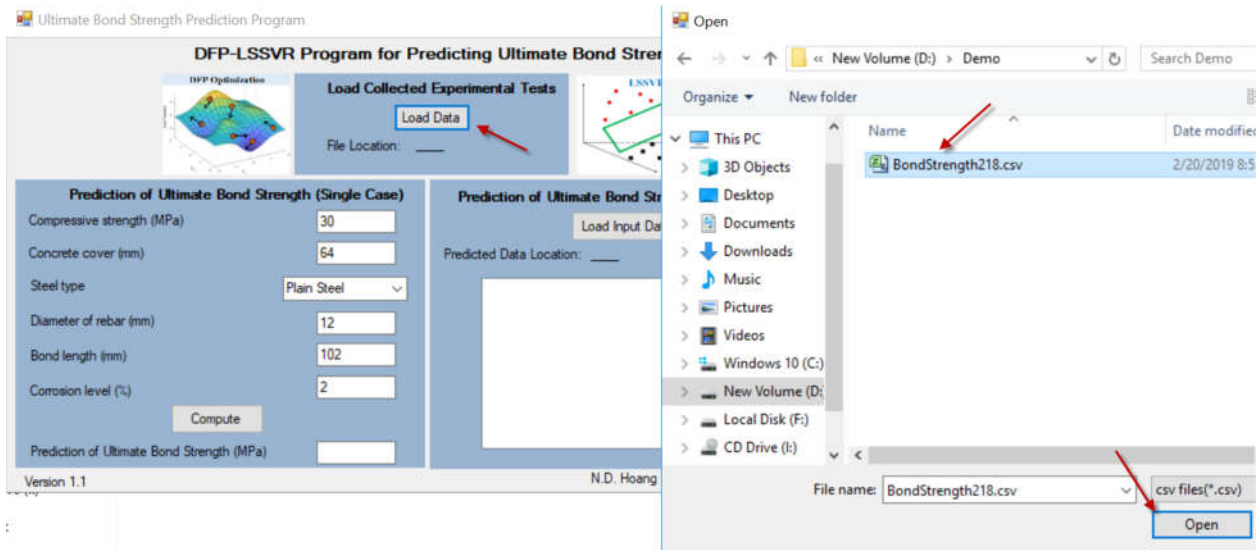


DFP-LSSVR-UBSP Program – User Guide

Nhat-Duc Hoang

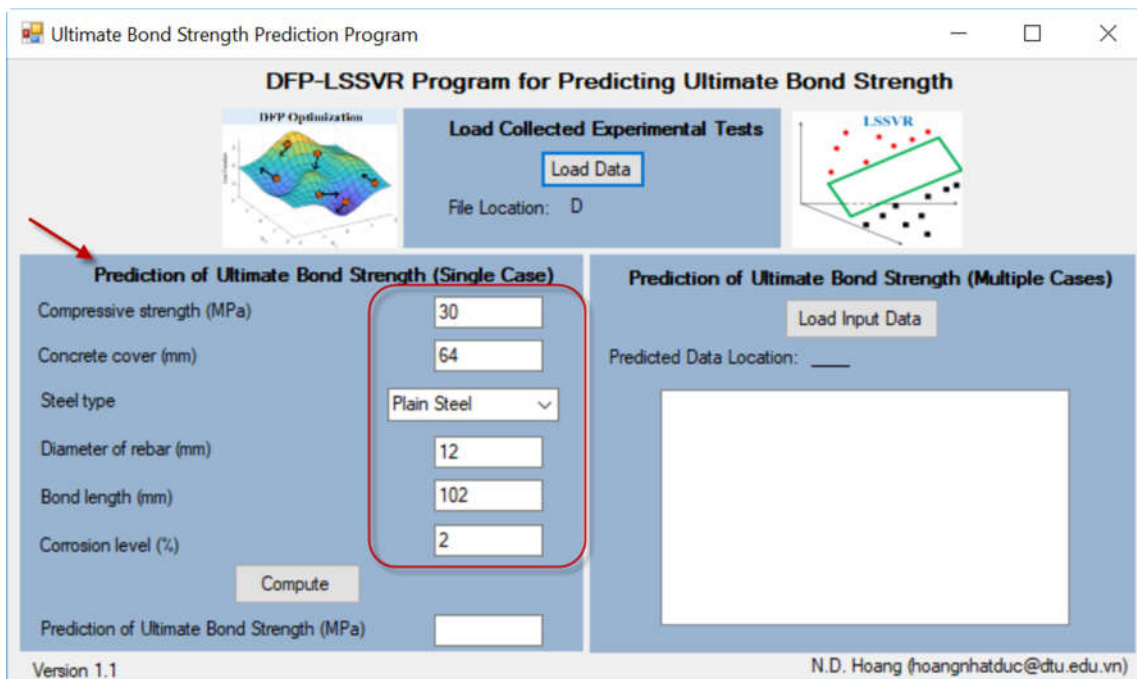
Duy Tan University, hoangnhatduc@dtu.edu.vn

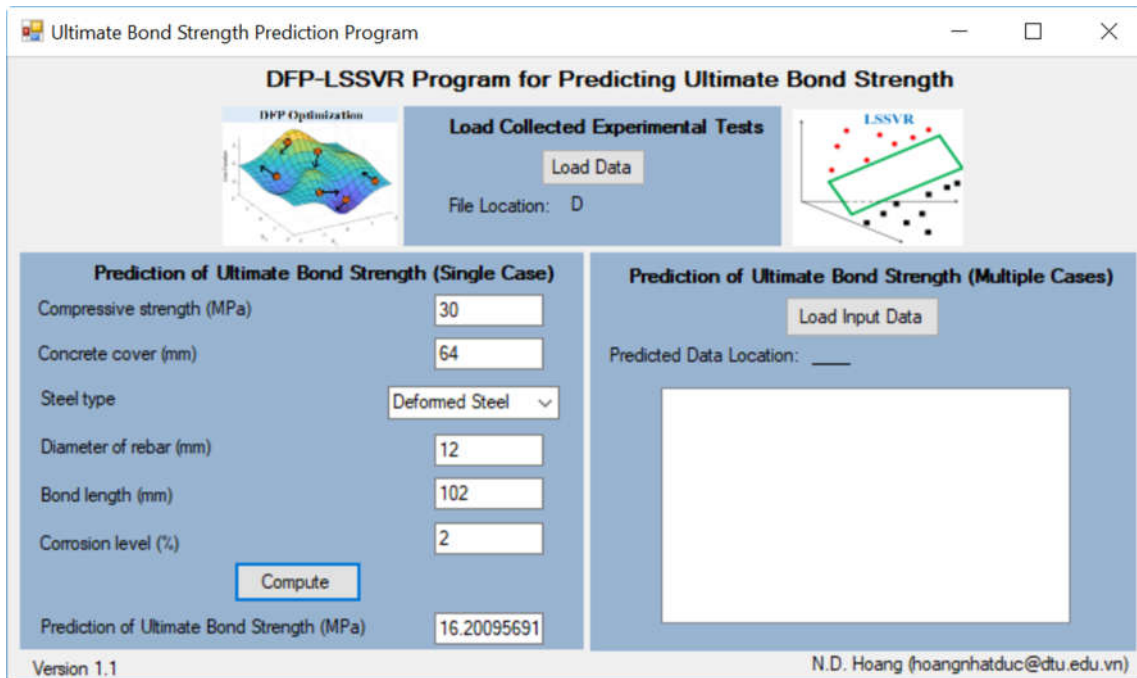
Step 1: Load all collected experimental tests



Step 2:

For single case prediction, provide all input variables and click on **Compute**



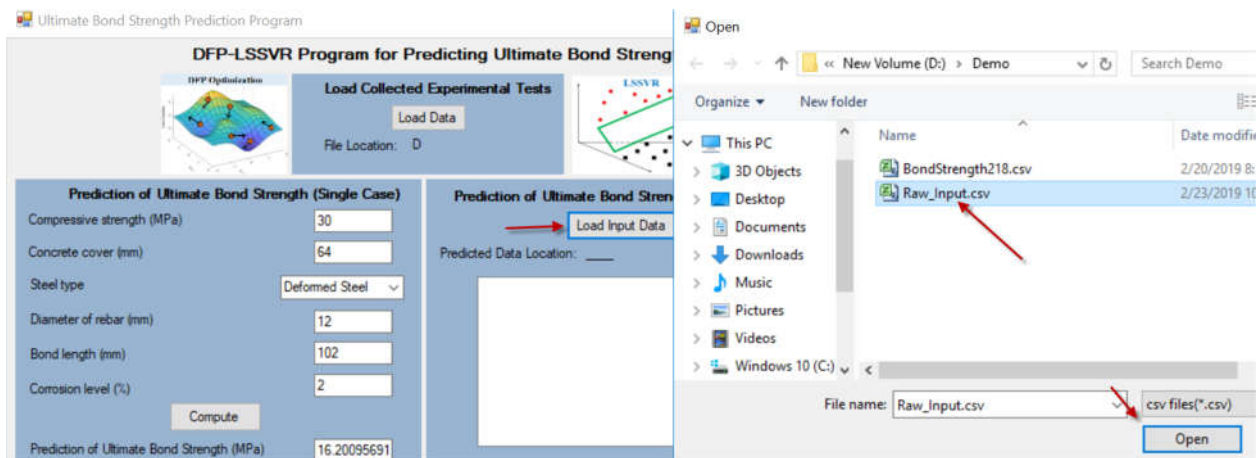


For prediction of multiple cases, please provide a .csv file containing all input factors:

	A	B	C	D	E	F	G	H
1	30	64	2	12	102	0		
2	30	64	2	12	102	2		
3	30	64	2	12	102	2.5		
4	30	64	2	12	102	2.6		
5	30	64	2	12	102	4		

For instance, all input variables are stored in Raw_Input.csv which has 5 cases. Columns from A to F are the input X_1, X_2, \dots, X_6 .

From the program GUI, click on **Load Input Data**, select the .csv file and click on **Open**.



The predicted ultimate strength is shown on the GUI as follows:

