

Regression Analysis using Swarm Intelligence

Submitted by

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A project report submitted in partial fulfillment for
the degree of Bachelor of Technology in Computer
Science & Engineering



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Dedicated to my parents

“We are what our thoughts have made us; so take care about what you think. Words are secondary. Thoughts live; they travel far.”

- Swami Vivekananda

“Take up one idea. Make that one idea your life - think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success.”

- Swami Vivekananda

“When an idea exclusively occupies the mind, it is transformed into an actual physical or mental state.”

- Swami Vivekananda

“You have to dream before your dreams can come true.”

-Dr. A. P. J. Abdul Kalam

“Dream is not that which you see while sleeping it is something that does not let you sleep.”

-Dr. A. P. J. Abdul Kalam

Certificate of Approval

The forgoing project report is hereby approved as a creditable study of Technological subject carried out and presented in a manner satisfactory to warrant its acceptance as a prerequisite with degree for which it has been submitted. It is to be understood that by this approval, the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn there in but approve the thesis only for the purpose for which it has been submitted.

Board of Examiners

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Declaration

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which has been accepted for the award of any other degrees or diplomas of the university or other institutes of higher learning, except which due acknowledgment has been made in this text.

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Signature

Certificate

This is certified that the work contained in this report entitled, Regression Analysis using Swarm Intelligence, by Arkanayan Shit, has been carried out under the supervision of the undersign and this work has not been submitted elsewhere for any other degree.

(Signature of the Supervisor)

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Abstract

your abstract begins here.....

Write your abstract in maximum 200-300 words.

Keywords. list of keywords. Put atleast 6-8 keywords of your thesis work separated by coma(,)

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Chapter 1

Introduction

This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Chapter 2

Background Theory

Mathematical Equations

You can write your mathematical equation as like in Eq.(2.1).

$$X_i^2 + Y_j^2 = Z_k^2 \tag{2.1}$$

Chapter 3

Review

Chapter 4

Materials & Methods

4.1 Example of Table

Table 4.1: Table to test captions and labels

cell1	cell2	cell3
cell4	cell5	cell6
cell7	cell8	cell9

The table 4.2 is an example of referenced \LaTeX elements.

Multi-page tables

If you have to insert a very long table, which takes up two or more pages in your document, use the longtable package. First, add to the preamble the line

```
\usepackage{longtable}
```

Table 4.3: Long table caption.

Begin of Table	
Something	something else
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
... Lots of lines	like this

Continuation of Table 4.3	
Something	something else
End of Table	

Table 4.2: Table to test captions and labels

cell1	cell2	cell3
cell4	cell5	cell6
cell7	cell8	cell9

Chapter 5

Results & Discussion

The graph is given in Fig. 5.

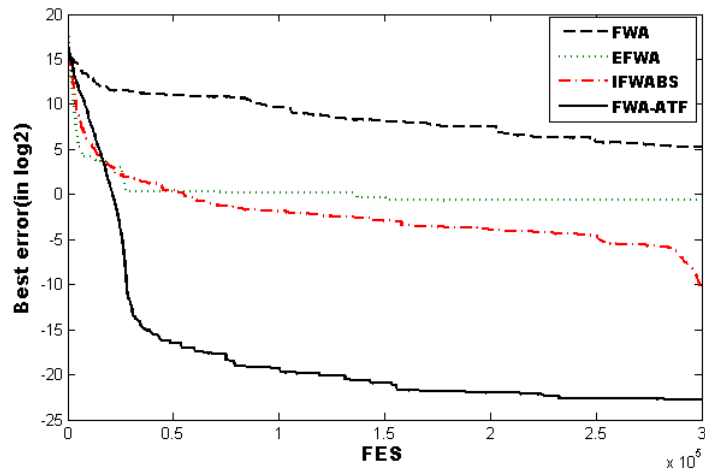


Figure 5.1: Graph

If you need to place multiple images all together, use this...

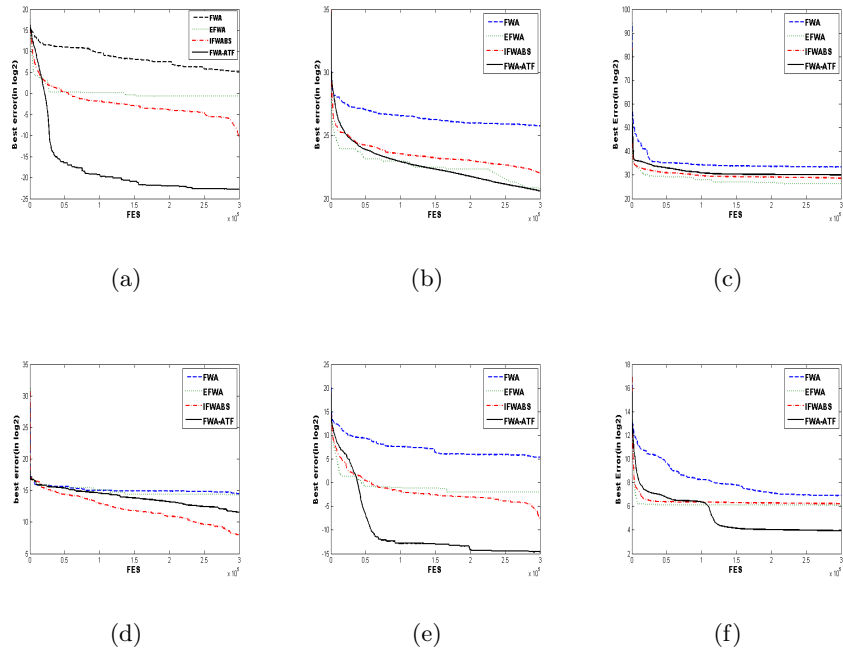


Figure 5.2: put the caption

Chapter 6

Conclusions

Chapter 7

Future Works

Here you can outline the future scopes of your work.....

List of Publications

1. Author's name, Title, Conference, date, place, year, pp. xx-xx.
2. Author's name, Title, Journal, Vol X, No. X, Year, pp. xx-xx.

Bibliography

- [1] J. Derrac, S. Garcia, D. Molina and F. Herrera, A practical tutorial on the use of nonparametric statistical tests as a methodology for comparing evolutionary and swarm intelligence algorithms. *Swarm and Evolutionary Computation*, 1(2011), 3-18