Exploratory Data Analysis in Pharo

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Title that Describes the Contribution that Solves a Problem

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Abstract

In this context... We consider this problem P... P is a problem because... We propose this solution... Our solution solves P in such and such way.

1   Introduction

Context

Problem

Explanatory data analysis is the ...

Known tracks for `Stef` ▶*solutions*◀ here you want to show that you are not an idiot not knowing what have been around

What our solution is `Set` and `OrderedCollection` (so that the reader knows where the paper is going)

Contribution of the paper

Paper structure

2   Problem Description

Context, exposed with the **most precise terms possible** (don't open unwanted doors for the reader)

Here are the main reasons we use EDA:

- detection of mistakes

- checking of assumptions

- preliminary selection of appropriate models

- determining relationships among the explanatory variables

- assessing the direction and rough size of relationships between explanatory and outcome variables

1

Probably set the vocabulary before to cut any misinterpretation

Constraints that influenced the solution (because the solution is not universal) *e.g.* our requirements for a solution, possibly not all satisfied. They should be sound and believable. Analysis of the criteria. Imagine that you are another guy having this problem do the constraint matches yours so that you could apply the solution

Problem

Factual solution tracks, to position... Our solution in a nutshell.

3 Proposed Solution

Free form, variable number of sections, technical details.

But in general do not mix solution and discussions/possible variation let that for discussion

4 Discussion

Discussion of actual solution *vs.* initial constraints from 2. Explain the space of the solution, why we made it this way.

Evaluation of the solution. How does the solution meet the criteria? Where does it succeed or fails...

5 Related Works

Other solutions in the domain, and a real comparison of our contribution with solutions from other people.

6 Conclusion

In this paper, we looked at problem P with this context and these constraints. We proposed solution S. It has such good points and such not so good ones. Now we could do this or that.

macro example

look at it this is code

```
Class>>nknkjbkjbkjb
   {| grgr |
   grgrgrgg
   a :=
```

Acknowledgements