

## Contributions by authors

Term and Definition

### **Framework**

Main ideas as well as the formulation of research goals and aims

### **Methodology**

Application and discussion of the suitable methodology

### **Software and code**

Programming, coding; implementation of the code and statistical analysis

### **Formal analysis**

Application of statistical or other formal techniques to analyse or synthesise the data

### **Investigation**

Research and investigation processes, e.g. data and evidence collection

### **Dataset**

Elaboration and maintenance of research data

### **Writing**

Preparation, creation and presentation of the published work, specifically writing the paper

### **Visualization**

Visualization / data presentation

### **Supervision**

Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team

For example:

Name 1, Surname 1: framework, methodology, software and code, formal analysis, writing, visualization. Name 2, Surname 2: methodology, formal analysis, writing, investigation, dataset, supervision.

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