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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