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| --- | --- | --- |
| **variable** | **description** | **type** |
| paper\_id | Unique identifier of the paper |  |
| indegrees\_of\_cited\_papers\_sum | Sum of indegrees of papers cited by the paper in focus |  |
| indegrees\_of\_cited\_papers\_avg | Average of indegrees of papers cited by the paper in focus |  |
| recency\_of\_cited\_papers\_avg | Average recency of papers cited by the paper in focus (days?) |  |
| max\_time\_difference\_bw\_cited\_papers | Maximum time difference between dates of publication of the cited papers |  |
| Outdegree | Outdegree of the paper in focus |  |
| outdegrees\_of\_cited\_papers\_sum | Sum of outdegrees of papers cited by the paper in focus |  |
| outdegrees\_of\_cited\_papers\_avg | Average of outdegrees of papers cited by the paper in focus |  |
| Submitter | Metadata |  |
| submission\_date | Metadata |  |
| Title | Metadata |  |
| Authors | Metadata |  |
| Comments | Metadata |  |
| report\_no | Metadata |  |
| journal\_ref | Metadata |  |
| Abstract | Metadata |  |
| submitter\_email | Metadata |  |
| submitter\_name | Metadata |  |
| is\_revised | Metadata |  |
| times\_revised | Metadata |  |
| first\_submission\_datetime | Metadata |  |
| first\_submission\_date | Metadata |  |
| num\_of\_pages | Metadata |  |
| Format | Metadata |  |
| journal\_counts | Metadata |  |
| first\_365\_days | Metadata |  |
| label | Metadata |  |
| label\_name | Metadata |  |
| submitter\_counts | Number of papers submitted by the submitter | Int |
| submitter\_active | Submitter activity marker. 1 if submitter has submitted 5 or more papers, 0 if 4 or less | Int |
| journal\_popularity | Journal popularity marker. 1 if there are 13 or more papers in the database published in this journal, 0 if 12 or less | Int |
| format\_latex | Marker showing whether the paper was submitted in latex format. 1 if yes, 0 if no | int |
| format\_revtex | Marker showing whether the paper was submitted in revtex format. 1 if yes, 0 if no | Int |
| format\_harvmac | Marker showing whether the paper was submitted in harvmac format. 1 if yes, 0 if no | Int |
| format\_plaintex | Marker showing whether the paper was submitted in plaintex format. 1 if yes, 0 if no | Int |
| datedelta | Number of days passed between the paper being added to graph and the date of first publication. Note: multiple outliers exist. | int |