## Confusion matrix - Header (HEP) +- 3

| abstract      | 23026    | '       | 30          | 71     | •            | 24        | 14          | '     | 17    | 64      | 120  | '     | 12     | 96        | 17         | 18    | -    |
|---------------|----------|---------|-------------|--------|--------------|-----------|-------------|-------|-------|---------|------|-------|--------|-----------|------------|-------|------|
| address       | - 11     | 2701    | 213         | 109    | 1            | 36        | '<br>-<br>- | 7     |       |         | 4    |       |        | 98        |            | 6     |      |
| affiliation   | - 57     | 165     | 3481        | 91     |              |           |             | 5     |       |         | 39   |       |        | 63        |            | 10    |      |
| author        | - 35     | 18      | 68          | 3804   |              | 14        |             | 16    |       |         | 16   |       | 18     | 44        |            | 17    | -    |
| collaboration | -        |         |             | 9      | 25           |           |             |       |       |         | 1    |       |        |           |            | 3     |      |
| copyright     | 134      | 6       | 17          |        |              | 282       |             | 8     |       |         | 25   |       | 10     | 37        | 9          |       |      |
| date          | -        | 5       | 6           |        |              |           | 144         |       |       |         | 15   |       |        | 18        | 46         |       |      |
| email         | 64       | 28      |             | 50     |              | 12        |             | 1859  |       |         | 24   |       |        | 26        | 22         |       | -    |
| grant         | - 23     |         |             |        |              |           |             |       | 313   | 8       | 20   |       |        |           | 12         |       | 1    |
| keyword       | - 87     |         |             |        |              |           |             |       |       | 1341    | 30   |       |        | 100       | 22         |       |      |
| note          | 106      | 23      | 80          | 26     | 2            | 92        | 8           | 186   |       | 78      | 592  |       | 11     | 135       | 30         | 64    |      |
| phone         | -        |         |             |        |              |           |             |       |       |         | 23   | 33    |        |           |            |       | _    |
| pubnum        | - 11     |         |             |        |              | 4         |             |       |       |         | 9    |       | 789    | 37        |            |       | -    |
| reference     | - 72     | 19      | 12          | 76     |              | 24        |             |       |       | 44      | 142  |       | 24     | 1131      |            | 13    |      |
| submission    | - 25     | 5       |             |        |              | 40        | 21          |       |       |         | 35   |       |        |           | 712        |       | -    |
| title         | - 123    |         | 37          | 7      |              |           | ,           |       |       | 1       | 50   |       | ,      | 61        |            | 1734  | 1    |
| web           | - 9      | 1       |             |        | ,            |           |             |       |       |         | 18   |       | 23     | ,         | 19         |       | 32 - |
| ·             | abstract | address | affiliation | author | ollaboration | copyright | date        | email | grant | keyword | note | phone | mnuqnd | reference | submission | title | web  |