|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | loc | v(g) | ev(g) | iv(g) | n | v | l | d | i | e | b | t |
| loc | 0 | 1.4 | 0.6 | 1.3 | 3.4 | 4.1 | 2.2 | 3.6 | 4.3 | 4.4 | 2.4 | 4.4 |
| v(g) | 1.4 | 0 | 0.6 | 1.6 | 1.7 | 2.1 | 1.2 | 2.0 | 2.2 | 2.2 | 1.3 | 2.2 |
| ev(g) | 0.6 | 0.6 | 0 | 0.5 | 0.8 | 0.9 | 0.4 | 0.9 | 0.9 | 1 | 0.6 | 0.9 |
| iv(g) | 1.3 | 1.6 | 0.5 | 0 | 1.6 | 1.9 | 1.1 | 1.8 | 2.0 | 2.1 | 1.2 | 2.0 |
| n | 3.4 | 1.7 | 0.8 | 1.6 | 0 | 6.0 | 3.2 | 4.8 | 5.9 | 6.0 | 3.7 | 6.0 |
| v | 4.1 | 2.1 | 0.9 | 1.9 | 6.0 | 0 | 4.0 | 5.7 | 6.8 | 6.9 | 3.9 | 6.9 |
| l | 2.2 | 1.2 | 0.4 | 1.1 | 3.2 | 4.0 | 0 | 4.5 | 4.4 | 4.5 | 2.1 | 4.5 |
| d | 3.6 | 2.0 | 0.9 | 1.8 | 4.8 | 5.7 | 4.5 | 0 | 6.1 | 6.2 | 3.4 | 6.1 |
| i | 4.3 | 2.2 | 0.9 | 2.0 | 5.9 | 6.8 | 4.4 | 6.1 | 0 | 7.3 | 3.8 | 7.3 |
| e | 4.4 | 2.2 | 1 | 2.1 | 6.0 | 6.9 | 4.5 | 6.2 | 7.3 | 0 | 3.9 | 7.4 |
| b | 2.4 | 1.3 | 0.6 | 1.2 | 3.7 | 3.9 | 2.1 | 3.4 | 3.8 | 3.9 | 0 | 3.9 |
| t | 4.4 | 2.2 | 0.9 | 2.0 | 6.0 | 6.9 | 4.5 | 6.1 | 7.3 | 7.4 | 3.9 | 0 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | loc | v(g) | ev(g) | iv(g) | n | v | l | d | i | e | b | t |
| loc | 0 | 1.90e-9 | 3.03e-2 | 6.62e-3 | 0 | 0 | 1.3e-23 | 0 | 0 | 0 | 0 | 0 |
| v(g) | 1.9e-94 | 0 | 1 | 1 | 0 | 0 |  | 0 | 0 | 0 | 0.59 | 0 |
| ev(g) | 3.0e-28 | 1 | 0 | 1 | 0 | 0 | 2.2e-09 | 0 | 0 | 0 | 1.17e-4 | 0 |
| iv(g) | 6.62e-3 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0.99 | 0 |
| n | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| v | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| l | 1.39e-2 | 1 | 2.20e-0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 7.9E+15 | 0 |
| d | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| i | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| e | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| b | 0 | 0.59 | 1.17e-4 | 0.99 | 0 | 0 | 7.9E+15 | 0 | 0 | 0 | 0 | 0 |
| t | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | wmc | dit | noc | cbo | rfc | lcom | ca | ce | npm | lcom3 | loc | dam |
| wmc | 0 | 0.5 | 0.4 | 1.5 | 2.6 | 2.9 | 1 | 1.4 | 2.6 | 3.1 | 3.7 | 1.1 |
| dit | 0.5 | 0 | 0.1 | 0.4 | 0.8 | 0.8 | 0.4 | 0.4 | 0.5 | 1.1 | 1.6 | 0.3 |
| noc | 0.4 | 0.1 | 0 | 0.5 | 0.5 | 0.6 | 0.5 | 0.3 | 0.4 | 0.7 | 0.8 | 0.2 |
| cbo | 1.5 | 0.4 | 0.5 | 0 | 2.1 | 2.0 | 1.3 | 2.0 | 1.4 | 2.4 | 3.3 | 0.8 |
| rfc | 2.6 | 0.8 | 0.5 | 2.1 | 0 | 3.0 | 1.5 | 1.9 | 2.4 | 3.6 | 5.0 | 1.3 |
| lcom | 2.9 | 0.8 | 0.6 | 2.0 | 3.0 | 0 | 1.4 | 1.7 | 2.3 | 3.5 | 4.1 | 1.4 |
| ca | 1 | 0.4 | 0.5 | 1.3 | 1.5 | 1.4 | 0 | 0.8 | 1 | 1.7 | 2.4 | 0.6 |
| ce | 1.4 | 0.4 | 0.3 | 2.0 | 1.9 | 1.7 | 0.8 | 0 | 1.2 | 2.2 | 3.0 | 0.8 |
| npm | 2.6 | 0.5 | 0.4 | 1.4 | 2.4 | 2.3 | 1 | 1.2 | 0 | 2.7 | 3.4 | 1 |
| lcom3 | 3.1 | 1.1 | 0.7 | 2.4 | 3.6 | 3.5 | 1.7 | 2.2 | 2.7 | 0 | 4.8 | 2.0 |
| loc | 3.7 | 1.6 | 0.8 | 3.3 | 5.0 | 4.1 | 2.4 | 3.0 | 3.4 | 4.8 | 0 | 1.9 |
| dam | 1.1 | 0.3 | 0.2 | 0.8 | 1.3 | 1.4 | 0.6 | 0.8 | 1 | 2.0 | 1.9 | 0 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | wmc | dit | noc | cbo | rfc | lcom | ca | ce | npm | lcom3 | loc | dam |
| wmc | 0 | 0.94 | 2.79e-7 | 0 | 0 | 0 | 0 | 5.79e-1 | 2.63e-4 | 0 | 0 | 0 |
| dit | 0.94 | 0 | 001 | 016 | 1.19e-1 | 4.73e-9 | 0.90 | 0.99 | 0.99 | 9.00e-1 | 1.32e-2 | 4.83e-2 |
| noc | 2.79e-2 | 001 | 0 | 1.12e-1 | 0 | 0 | 2.57e-7 | 3.12e-7 | 9.17e-1 | 0 | 0 | 0 |
| cbo | 0 | 016 | 1.12e-1 | 0 | 0 | 0 | 0 | 1.84e-1 | 0 | 0 | 0 | 0 |
| rfc | 0 | 1.19e-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| lcom | 0 | 4.73e-9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ca | 0 | 0.90 | 2.57e-7 | 0 | 0 | 0 | 0 | 4.85e-2 | 0 | 0 | 0 | 0 |
| ce | 5.79e-1 | 0.99 | 3.12e-7 | 1.84e-1 | 0 | 0 | 4.85e-2 | 0 | 2.82e-6 | 0 | 0 | 0 |
| npm | 2.63e-4 | 0.99 | 9.17e-1 | 0 | 0 | 0 | 0 | 2.82e-6 | 0 | 0 | 0 | 0 |
| lcom3 | 0 | 9.00e-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| loc | 0 | 1.32e-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| dam | 0 | 4.85e-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |