**Hash Tables – Chaining**

The smaller SD is, the closer the hash function comes to providing a uniform distribution.

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| **Hash Function (char \* c);** | **ISF \*** | **σ (standard deviation)** |
| H0 | .10 | 21.129 |
| H0 | .20 | 15.420 |
| H0 | .35 | 11.964 |
| H0 | .50 | 9.915 |
| H0 | .75 | 8.124 |
| H0 | .85 | 7.637 |
| H1 | .10 | 3.858 |
| H1 | .20 | 2.79 |
| H1 | .35 | 1.774 |
| H1 | .50 | 1.525 |
| H1 | .75 | 1.177 |
| H1 | .85 | 1.103 |
| H2 | .10 | 1.943 |
| H2 | .20 | 1.806 |
| H2 | .35 | 1.613 |
| H2 | .50 | 1.442 |
| H2 | .75 | 1.233 |
| H2 | .85 | 1.093 |
| H3 | .10 | 1.825 |
| H3 | .20 | 1.654 |
| H3 | .35 | 1.704 |
| H3 | .50 | 1.228 |
| H3 | .75 | 1.189 |
| H3 | .85 | 1.013 |