**Factors for Charts**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sample size, n | Mean Factor, A2 | Upper Range, D4 | Lower Range, D3 | d2 |
| 2 | 1,88 | 3,268 | 0 | 1,128 |
| 3 | 1,023 | 2,574 | 0 | 1,693 |
| 4 | 0,729 | 2,282 | 0 | 2,059 |
| 5 | 0,577 | 2,115 | 0 | 2,326 |
| 6 | 0,483 | 2,004 | 0 | 2,534 |
| 7 | 0,419 | 1,924 | 0,076 | 2,704 |
| 8 | 0,373 | 1,864 | 0,136 | 2,847 |
| 9 | 0,337 | 1,816 | 0,184 | 2,970 |
| 10 | 0,308 | 1,777 | 0,223 | 3,078 |
| 11 | 0,285 | 1,744 | 0,256 | 3,173 |
| 12 | 0,266 | 1,716 | 0,284 | 3,258 |
| 13 | 0,249 | 1,692 | 0,308 | 3,336 |
| 14 | 0,235 | 1,671 | 0,329 | 3,407 |
| 15 | 0,223 | 1,652 | 0,348 | 3,472 |
| 16 | 0,212 | 1,636 | 0,364 | 3,532 |
| 17 | 0,203 | 1,621 | 0,379 | 3,588 |
| 18 | 0,194 | 1,608 | 0,392 | 3,640 |
| 19 | 0,187 | 1,596 | 0,404 | 3,689 |
| 20 | 0,18 | 1,586 | 0,414 | 3,735 |
| 21 | 0,173 | 1,575 | 0,425 | 3,778 |
| 22 | 0,167 | 1,566 | 0,434 | 3,819 |
| 23 | 0,162 | 1,557 | 0,443 | 3,858 |
| 24 | 0,157 | 1,548 | 0,452 | 3,895 |
| 25 | 0,153 | 1,541 | 0,459 | 3,931 |

|  |  |
| --- | --- |
|  | **Factors for median chart** |
| **n** | **A2** | **D4** |
| 3 | 1,187 | 2,575 |
| 5 | 0,691 | 2,115 |
| 7 | 0,508 | 1,924 |
| 9 | 0,412 | 1,816 |

**Factors for Charts**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sample size, n | Mean Factor, A2 | Upper Range, D4 | Lower Range, D3 | d2 |
| 2 | 1,88 | 3,268 | 0 | 1,128 |
| 3 | 1,023 | 2,574 | 0 | 1,693 |
| 4 | 0,729 | 2,282 | 0 | 2,059 |
| 5 | 0,577 | 2,115 | 0 | 2,326 |
| 6 | 0,483 | 2,004 | 0 | 2,534 |
| 7 | 0,419 | 1,924 | 0,076 | 2,704 |
| 8 | 0,373 | 1,864 | 0,136 | 2,847 |
| 9 | 0,337 | 1,816 | 0,184 | 2,970 |
| 10 | 0,308 | 1,777 | 0,223 | 3,078 |
| 11 | 0,285 | 1,744 | 0,256 | 3,173 |
| 12 | 0,266 | 1,716 | 0,284 | 3,258 |
| 13 | 0,249 | 1,692 | 0,308 | 3,336 |
| 14 | 0,235 | 1,671 | 0,329 | 3,407 |
| 15 | 0,223 | 1,652 | 0,348 | 3,472 |
| 16 | 0,212 | 1,636 | 0,364 | 3,532 |
| 17 | 0,203 | 1,621 | 0,379 | 3,588 |
| 18 | 0,194 | 1,608 | 0,392 | 3,640 |
| 19 | 0,187 | 1,596 | 0,404 | 3,689 |
| 20 | 0,18 | 1,586 | 0,414 | 3,735 |
| 21 | 0,173 | 1,575 | 0,425 | 3,778 |
| 22 | 0,167 | 1,566 | 0,434 | 3,819 |
| 23 | 0,162 | 1,557 | 0,443 | 3,858 |
| 24 | 0,157 | 1,548 | 0,452 | 3,895 |
| 25 | 0,153 | 1,541 | 0,459 | 3,931 |

|  |  |
| --- | --- |
|  | **Factors for median chart** |
| **n** | **A2** | **D4** |
| 3 | 1,187 | 2,575 |
| 5 | 0,691 | 2,115 |
| 7 | 0,508 | 1,924 |
| 9 | 0,412 | 1,816 |