

KUMPULAN TABEL MIL-STD-414

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2005

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Operasi Sistem Penarikan Sampel MIL-STD-414

1. Tentukan *AQL (Acceptable Quality Level)*; untuk *double specification limits*, nilai-nilai *AQL* yang berbeda mungkin dipilih untuk setiap batas jika diinginkan.
2. Bila perlu, gunakan *AQL Conversion Table* untuk memperoleh *AQL* yang konsisten dengan rancangan MIL-STD-414.
3. Tentukan modus dan tingkat inspeksi; kecuali ada yang dispesifikasikan, gunakan *Normal Inspection Level IV* untuk mulai.
4. Gunakan tabel *Sample Size Code Letters* untuk memilih huruf kode yang sesuai.
5. Tentukan rancangan yang digunakan : *Form 1* atau *Form 2*.
6. Tetapkan modus penanganan variasi proses : σ yang diketahui, σ yang diestimasi dengan simpangan baku sampel, atau σ yang diestimasi dengan *average range method* (\bar{R}/d_2).
7. Gunakan tabel yang berkaitan dengan pilihan di atas untuk menentukan ukuran sampel dan nilai-nilai penerimaan (atau persentase). Dalam kasus dimana suatu rancangan tidak ada untuk suatu kombinasi ukuran lot dan *AQL*, ikutilah tanda panah ke rancangan terdekat yang ada.
8. Mulailah gunakan *sampling plan* pada langkah 7 dan simpanlah catatan penerimaan dan penolakan sehingga *switching rule* dapat diterapkan. (Periksa publikasi MIL-STD-414 untuk *switching rules*.)

Table 1. AQL Conversion Table

| For specified AQL values falling within these ranges | Use this AQL value |
|---|---------------------------|
| ----- to 0.049 | 0.04 |
| 0.050 to 0.069 | 0.065 |
| 0.070 to 0.109 | 0.10 |
| 0.110 to 0.164 | 0.15 |
| 0.165 to 0.279 | 0.25 |
| 0.280 to 0.439 | 0.40 |
| 0.440 to 0.699 | 0.65 |
| 0.700 to 1.09 | 1.0 |
| 1.10 to 1.64 | 1.5 |
| 1.65 to 2.79 | 2.5 |
| 2.80 to 4.39 | 4.0 |
| 4.40 to 6.99 | 6.5 |
| 7.00 to 10.9 | 10.0 |
| 11.00 to 16.4 | 15.0 |

Table A-2. Sample-Size Code Letters.

| LOT SIZE | INSPECTION LEVELS | | | | |
|--------------------|-------------------|----|-----|----|---|
| | I | II | III | IV | V |
| 3 to 8 | B | B | B | B | C |
| 9 to 15 | B | B | B | B | D |
| 16 to 25 | B | B | B | C | E |
| 26 to 40 | B | B | B | D | F |
| 41 to 65 | B | B | C | E | G |
| 66 to 110 | B | B | D | F | H |
| 111 to 180 | B | C | E | G | I |
| 181 to 300 | B | D | F | H | J |
| 301 to 500 | C | E | G | I | K |
| 501 to 800 | D | F | H | J | L |
| 801 to 1,300 | E | G | I | K | L |
| 1,301 to 3,200 | F | H | J | L | M |
| 3,201 to 8,000 | G | I | L | M | N |
| 8,001 to 22,000 | H | J | M | N | O |
| 22,001 to 110,000 | I | K | N | O | P |
| 110,001 to 550,000 | I | K | O | P | Q |
| 550,001 and over | I | K | P | Q | Q |

Table B-1. Master Table for Normal and Tightened Inspection for Plans Based on Variability Unknown : Standard Deviation Method

(Single Specification Limit and Form 1).

| SAMPLE SIZE CODE LETTER | SAMPLE SIZE | ACCEPTABLE QUALITY LEVELS (NORMAL INSPECTION) | | | | | | | | | | | | | |
|--|----------------|---|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| | | 0.04 | 0.065 | 0.10 | 0.15 | 0.25 | 0.40 | 0.65 | 1.00 | 1.50 | 2.50 | 4.00 | 6.50 | 10.0 | 15.0 |
| | | k | k | k | k | k | k | k | k | k | k | k | k | k | k |
| B | 3 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 1.12 | 0.958 | 0.765 | 0.566 | 0.341 |
| C | 4 | | | | | | | | | | 1.17 | 1.01 | 0.814 | 0.617 | 0.393 |
| D | 5 | | | | | | | 1.65 | 1.53 | 1.40 | 1.24 | 1.07 | 0.874 | 0.675 | 0.455 |
| E | 7 | | | | | | | 1.75 | 1.62 | 1.50 | 1.33 | 1.15 | 0.955 | 0.755 | 0.536 |
| F | 10 | 2.24 | 2.11 | 1.98 | 1.84 | 1.72 | 1.58 | 1.41 | 1.23 | 1.03 | 0.828 | 0.611 | | | |
| G | 15 | 2.64 | 2.53 | 2.42 | 2.32 | 2.20 | 2.06 | 1.91 | 1.79 | 1.65 | 1.47 | 1.30 | 1.09 | 0.886 | 0.664 |
| H | 20 | 2.69 | 2.58 | 2.47 | 2.36 | 2.24 | 2.11 | 1.96 | 1.82 | 1.69 | 1.51 | 1.33 | 1.12 | 0.917 | 0.695 |
| I | 25 | 2.72 | 2.61 | 2.50 | 2.40 | 2.26 | 2.14 | 1.98 | 1.85 | 1.72 | 1.53 | 1.35 | 1.14 | 0.936 | 0.712 |
| J | 30 | 2.73 | 2.61 | 2.51 | 2.41 | 2.28 | 2.15 | 2.00 | 1.86 | 1.73 | 1.55 | 1.36 | 1.15 | 0.946 | 0.723 |
| K | 35 | 2.77 | 2.65 | 2.54 | 2.45 | 2.31 | 2.18 | 2.03 | 1.89 | 1.76 | 1.57 | 1.39 | 1.18 | 0.969 | 0.745 |
| L | 40 | 2.77 | 2.66 | 2.55 | 2.44 | 2.31 | 2.18 | 2.03 | 1.89 | 1.76 | 1.58 | 1.39 | 1.18 | 0.971 | 0.746 |
| M | 50 | 2.83 | 2.71 | 2.60 | 2.50 | 2.35 | 2.22 | 2.08 | 1.93 | 1.80 | 1.61 | 1.42 | 1.21 | 1.00 | 0.774 |
| N | 75 | 2.90 | 2.77 | 2.66 | 2.55 | 2.41 | 2.27 | 2.12 | 1.98 | 1.84 | 1.65 | 1.46 | 1.24 | 1.03 | 0.804 |
| O | 100 | 2.92 | 2.80 | 2.69 | 2.58 | 2.43 | 2.29 | 2.14 | 2.00 | 1.86 | 1.67 | 1.48 | 1.26 | 1.05 | 0.819 |
| P | 150 | 2.96 | 2.84 | 2.73 | 2.61 | 2.47 | 2.33 | 2.18 | 2.03 | 1.89 | 1.70 | 1.51 | 1.29 | 1.07 | 0.841 |
| Q | 200 | 2.97 | 2.85 | 2.73 | 2.62 | 2.47 | 2.33 | 2.18 | 2.04 | 1.89 | 1.70 | 1.51 | 1.29 | 1.07 | 0.845 |
| | | 0.065 | 0.10 | 0.15 | 0.25 | 0.40 | 0.65 | 1.00 | 1.50 | 2.50 | 4.00 | 6.50 | 10.00 | 15.00 | |
| ACCEPTABLE QUALITY LEVELS (TIGHTENED INSPECTION) | | | | | | | | | | | | | | | |

All AQL and table values are in percent defective.

↓ Use first sampling plan below arrow; that is, both sample size as well as k value. When sample size equals or exceeds lot size, every item in the lot must be inspected.

Table B-3. Master Table for Normal and Tightened Inspection for Plans Based on Variability Unknown : Standard Deviation Method

(Double Specification Limit and Form 2 --- Single Specification Limit).

| SAMPLE SIZE CODE LETTER | SAMPLE SIZE | ACCEPTABLE QUALITY LEVELS (NORMAL INSPECTION) | | | | | | | | | | | | | |
|--|----------------|---|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| | | 0.04 | 0.065 | 0.10 | 0.15 | 0.25 | 0.40 | 0.65 | 1.00 | 1.50 | 2.50 | 4.00 | 6.50 | 10.0 | 15.0 |
| | | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| B | 3 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 7.59 | 18.86 | 26.94 | 33.69 | 40.47 |
| C | 4 | | | | | | | | | | | | | | |
| D | 5 | | | | | | | 1.33 | 3.32 | 5.83 | 9.80 | 14.39 | 20.19 | 26.56 | 33.99 |
| E | 7 | | | | | | | 2.14 | 3.55 | 5.35 | 8.40 | 12.20 | 17.35 | 23.29 | 30.50 |
| F | 10 | 0.349 | 0.716 | 1.30 | 2.17 | 3.26 | 4.77 | 7.29 | 10.54 | 15.17 | 20.74 | 27.57 | | | |
| G | 15 | 0.099 | 0.186 | 0.312 | 0.503 | 0.818 | 1.31 | 2.11 | 3.05 | 4.31 | 6.56 | 9.46 | 13.71 | 18.94 | 25.61 |
| H | 20 | 0.135 | 0.228 | 0.365 | 0.544 | 0.846 | 1.29 | 2.05 | 2.95 | 4.09 | 6.17 | 8.92 | 12.99 | 18.03 | 24.53 |
| I | 25 | 0.155 | 0.250 | 0.380 | 0.551 | 0.877 | 1.29 | 2.00 | 2.86 | 3.97 | 5.97 | 8.63 | 12.57 | 17.51 | 23.97 |
| J | 30 | 0.179 | 0.280 | 0.413 | 0.581 | 0.879 | 1.29 | 1.98 | 2.83 | 3.91 | 5.86 | 8.47 | 12.36 | 17.24 | 23.58 |
| K | 35 | 0.170 | 0.264 | 0.388 | 0.535 | 0.847 | 1.23 | 1.87 | 2.68 | 3.70 | 5.57 | 8.10 | 11.87 | 16.65 | 22.91 |
| L | 40 | 0.179 | 0.275 | 0.401 | 0.566 | 0.873 | 1.26 | 1.88 | 2.71 | 3.72 | 5.58 | 8.09 | 11.85 | 16.61 | 22.86 |
| M | 50 | 0.163 | 0.250 | 0.363 | 0.503 | 0.789 | 1.17 | 1.71 | 2.49 | 3.45 | 5.20 | 7.61 | 11.23 | 15.87 | 22.00 |
| N | 75 | 0.147 | 0.228 | 0.330 | 0.467 | 0.720 | 1.07 | 1.60 | 2.29 | 3.20 | 4.87 | 7.15 | 10.63 | 15.13 | 21.11 |
| O | 100 | 0.145 | 0.220 | 0.317 | 0.447 | 0.689 | 1.02 | 1.53 | 2.20 | 3.07 | 4.69 | 6.91 | 10.32 | 14.75 | 20.66 |
| P | 150 | 0.134 | 0.203 | 0.293 | 0.413 | 0.638 | 0.949 | 1.43 | 2.05 | 2.89 | 4.43 | 6.57 | 9.88 | 14.20 | 20.02 |
| Q | 200 | 0.135 | 0.204 | 0.294 | 0.414 | 0.637 | 0.945 | 1.42 | 2.04 | 2.87 | 4.40 | 6.53 | 9.81 | 14.12 | 19.92 |
| | | 0.065 | 0.10 | 0.15 | 0.25 | 0.40 | 0.65 | 1.00 | 1.50 | 2.50 | 4.00 | 6.50 | 10.00 | 15.00 | |
| ACCEPTABLE QUALITY LEVELS (TIGHTENED INSPECTION) | | | | | | | | | | | | | | | |

All AQL and table values are in percent defective.

↓ Use first sampling plan below arrow; that is, both sample size as well as M value. When sample size equals or exceeds lot size, every item in the lot must be inspected.

Table C-1. Master Table for Normal and Tightened Inspection for Plans Based on Variability Unknown : Range Method

(Single Specification Limit and Form 1).

| SAMPLE | SAMPLE | ACCEPTABLE QUALITY LEVELS (NORMAL INSPECTION) | | | | | | | | | | | | | |
|--------|--------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
|--------|--------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | M | M | M | M | M | M | M | M | M | M | M | M | M | M | | | |
|---|-----|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| B | 3 | 1.910 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 7.59 | 18.86 | 26.94 | 33.69 | 40.47 | | | |
| C | 4 | 2.234 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 1.53 | 5.50 | 10.92 | 16.45 | 22.86 | 29.45 | 36.90 | |
| D | 5 | 2.474 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 1.42 | 3.44 | 5.93 | 9.90 | 14.47 | 20.27 | 26.59 | 33.95 |
| E | 7 | 2.830 | ↓ | ↓ | ↓ | ↓ | 0.28 | 0.89 | 1.99 | 3.46 | 5.32 | 8.47 | 12.35 | 17.54 | 23.50 | 30.66 | | | |
| F | 10 | 2.405 | ↓ | ↓ | ↓ | 0.23 | 0.58 | 1.14 | 2.05 | 3.23 | 4.77 | 7.42 | 10.79 | 15.49 | 21.06 | 27.90 | | | |
| G | 15 | 2.379 | 0.061 | 0.136 | 0.253 | 0.430 | 0.786 | 1.30 | 2.10 | 3.11 | 4.44 | 6.76 | 9.76 | 14.09 | 19.30 | 25.92 | | | |
| H | 25 | 2.358 | 0.125 | 0.214 | 0.336 | 0.506 | 0.827 | 1.27 | 1.95 | 2.82 | 3.96 | 5.98 | 8.65 | 12.59 | 17.48 | 23.79 | | | |
| I | 30 | 2.353 | 0.147 | 0.240 | 0.366 | 0.537 | 0.856 | 1.29 | 1.96 | 2.81 | 3.92 | 5.88 | 8.50 | 12.36 | 17.19 | 23.42 | | | |
| J | 35 | 2.349 | 0.165 | 0.261 | 0.391 | 0.564 | 0.883 | 1.33 | 1.98 | 2.82 | 3.90 | 5.85 | 8.42 | 12.24 | 17.03 | 23.21 | | | |
| K | 40 | 2.346 | 0.160 | 0.252 | 0.375 | 0.539 | 0.842 | 1.25 | 1.88 | 2.69 | 3.73 | 5.61 | 8.11 | 11.84 | 16.55 | 22.38 | | | |
| L | 50 | 2.342 | 0.169 | 0.261 | 0.381 | 0.542 | 0.838 | 1.25 | 1.60 | 2.63 | 3.64 | 5.47 | 7.91 | 11.57 | 16.20 | 22.26 | | | |
| M | 60 | 2.339 | 0.158 | 0.244 | 0.356 | 0.504 | 0.781 | 1.16 | 1.74 | 2.47 | 3.44 | 5.17 | 7.54 | 11.10 | 15.64 | 21.63 | | | |
| N | 85 | 2.335 | 0.156 | 0.242 | 0.350 | 0.493 | 0.755 | 1.12 | 1.67 | 2.37 | 3.30 | 4.97 | 7.27 | 10.73 | 15.17 | 21.05 | | | |
| O | 115 | 2.333 | 0.153 | 0.230 | 0.333 | 0.468 | 0.718 | 1.06 | 1.58 | 2.25 | 3.14 | 4.76 | 6.99 | 10.37 | 14.74 | 20.57 | | | |
| P | 175 | 2.331 | 0.139 | 0.210 | 0.303 | 0.427 | 0.655 | 0.972 | 1.46 | 2.06 | 2.93 | 4.47 | 6.60 | 9.89 | 14.15 | 19.88 | | | |
| Q | 230 | 2.330 | 0.142 | 0.215 | 0.308 | 0.432 | 0.661 | 0.976 | 1.47 | 2.08 | 2.92 | 4.46 | 6.57 | 9.84 | 14.10 | 19.82 | | | |
| | | | 0.065 | 0.10 | 0.15 | 0.25 | 0.40 | 0.65 | 1.00 | 1.50 | 2.50 | 4.00 | 6.50 | 10.00 | 15.00 | | | | |
| ACCEPTABLE QUALITY LEVELS (TIGHTENED INSPECTION) | | | | | | | | | | | | | | | | | | | |

All AQL and table values are in percent defective.

↓ Use first sampling plan below arrow; that is, both sample size as well as M value. When sample size equals or exceeds lot size, every item in the lot must be inspected.

Table for Estimating the Lot Percent Defective Using Standard Deviation Method.

| Q _U or Q _L | Sample Size | | | | | | | | | | | | | | | |
|----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 3 | 4 | 5 | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 75 | 100 | 150 | 200 |
| 0.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 |
| 0.10 | 47.24 | 46.67 | 46.44 | 46.26 | 46.16 | 46.10 | 46.08 | 46.06 | 46.05 | 46.05 | 46.04 | 46.04 | 46.03 | 46.03 | 46.02 | 46.02 |
| 0.20 | 44.46 | 43.33 | 42.90 | 42.54 | 42.35 | 42.24 | 42.19 | 42.16 | 42.15 | 42.13 | 42.13 | 42.11 | 42.10 | 42.09 | 42.08 | 42.08 |
| 0.30 | 41.63 | 40.00 | 39.37 | 38.87 | 38.60 | 38.44 | 38.37 | 38.33 | 38.31 | 38.29 | 38.28 | 38.27 | 38.25 | 38.24 | 38.22 | 38.22 |

| | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 0.31 | 41.35 | 39.67 | 39.02 | 38.50 | 38.23 | 38.06 | 37.99 | 37.95 | 37.93 | 37.91 | 37.90 | 37.89 | 37.87 | 37.86 | 37.84 | 37.84 |
| 0.32 | 41.06 | 39.33 | 38.67 | 38.14 | 37.86 | 37.69 | 37.62 | 37.58 | 37.55 | 37.54 | 37.52 | 37.51 | 37.49 | 37.48 | 37.46 | 37.46 |
| 0.33 | 40.77 | 39.00 | 38.32 | 37.78 | 37.49 | 37.31 | 37.24 | 37.20 | 37.18 | 37.16 | 37.15 | 37.13 | 37.11 | 37.10 | 37.09 | 37.08 |
| 0.34 | 40.49 | 38.67 | 37.97 | 37.42 | 37.12 | 36.94 | 36.87 | 36.83 | 36.80 | 36.78 | 36.77 | 36.75 | 36.73 | 36.72 | 36.72 | 36.71 |
| 0.35 | 40.20 | 38.33 | 37.62 | 37.06 | 36.75 | 36.57 | 36.49 | 36.45 | 36.43 | 36.41 | 36.40 | 36.38 | 36.36 | 36.35 | 36.33 | 36.33 |
| 0.36 | 39.91 | 38.00 | 37.28 | 36.69 | 36.38 | 36.20 | 36.12 | 36.08 | 36.05 | 36.04 | 36.02 | 36.01 | 35.98 | 35.97 | 35.96 | 35.96 |
| 0.37 | 39.62 | 37.67 | 36.93 | 36.33 | 36.02 | 35.83 | 35.75 | 35.71 | 35.68 | 35.66 | 35.65 | 35.63 | 35.61 | 35.60 | 35.59 | 35.58 |
| 0.38 | 39.33 | 37.33 | 36.58 | 35.98 | 35.65 | 35.44 | 35.38 | 35.34 | 35.31 | 35.29 | 35.28 | 35.26 | 35.24 | 35.23 | 35.22 | 35.21 |
| 0.39 | 39.03 | 37.00 | 36.23 | 35.62 | 35.29 | 35.10 | 35.01 | 34.97 | 34.94 | 34.93 | 34.91 | 34.89 | 34.87 | 34.86 | 34.85 | 34.84 |
| 0.40 | 38.74 | 36.67 | 35.88 | 35.26 | 34.93 | 34.73 | 34.65 | 34.60 | 34.58 | 34.56 | 34.54 | 34.53 | 34.50 | 34.49 | 34.48 | 34.47 |
| 0.41 | 38.45 | 36.33 | 35.54 | 34.90 | 34.57 | 34.37 | 34.28 | 34.24 | 34.21 | 34.19 | 34.18 | 34.16 | 34.13 | 34.12 | 34.11 | 34.10 |
| 0.42 | 38.15 | 36.00 | 35.19 | 34.55 | 34.21 | 34.00 | 33.92 | 33.87 | 33.85 | 33.83 | 33.81 | 33.79 | 33.77 | 33.76 | 33.74 | 33.74 |
| 0.43 | 37.85 | 35.67 | 34.85 | 34.19 | 33.85 | 33.64 | 33.56 | 33.51 | 33.48 | 33.46 | 33.45 | 33.43 | 33.40 | 33.39 | 33.38 | 33.37 |
| 0.44 | 37.56 | 35.33 | 34.50 | 33.84 | 33.49 | 33.28 | 33.20 | 33.15 | 33.12 | 33.10 | 33.09 | 33.07 | 33.04 | 33.03 | 33.02 | 33.01 |
| 0.45 | 37.26 | 35.00 | 34.16 | 33.49 | 33.13 | 32.92 | 32.84 | 32.79 | 32.76 | 32.74 | 32.73 | 32.71 | 32.68 | 32.67 | 32.66 | 32.65 |
| 0.46 | 36.96 | 34.67 | 33.81 | 33.13 | 32.78 | 32.57 | 32.48 | 32.43 | 32.40 | 32.38 | 32.37 | 32.35 | 32.32 | 32.31 | 32.30 | 32.29 |
| 0.47 | 36.66 | 34.33 | 33.47 | 32.78 | 32.42 | 32.21 | 32.12 | 32.07 | 32.04 | 32.02 | 32.01 | 31.99 | 31.96 | 31.95 | 31.94 | 31.93 |
| 0.48 | 36.35 | 34.00 | 33.12 | 32.43 | 32.07 | 31.08 | 31.77 | 31.72 | 31.69 | 31.67 | 31.65 | 31.63 | 31.61 | 31.60 | 31.58 | 31.58 |
| 0.49 | 36.05 | 33.67 | 32.78 | 32.08 | 31.72 | 31.50 | 31.41 | 31.36 | 31.33 | 31.31 | 31.30 | 31.28 | 31.35 | 31.24 | 31.23 | 31.22 |
| 0.50 | 35.75 | 33.33 | 32.44 | 31.74 | 31.37 | 31.15 | 31.06 | 31.01 | 30.98 | 30.96 | 30.95 | 30.93 | 30.90 | 30.89 | 30.87 | 30.87 |
| 0.51 | 35.44 | 33.00 | 32.10 | 31.39 | 31.02 | 30.80 | 30.71 | 30.66 | 30.63 | 30.61 | 30.60 | 30.57 | 30.55 | 30.54 | 30.52 | 30.52 |
| 0.52 | 35.13 | 32.67 | 31.76 | 31.04 | 30.67 | 30.45 | 30.36 | 30.31 | 30.28 | 30.26 | 30.25 | 30.23 | 30.20 | 30.19 | 30.17 | 30.17 |
| 0.53 | 34.82 | 32.33 | 31.42 | 30.70 | 30.32 | 30.10 | 30.01 | 29.96 | 29.93 | 29.91 | 29.90 | 29.86 | 29.85 | 29.84 | 29.83 | 29.82 |
| 0.54 | 34.51 | 32.00 | 31.08 | 30.36 | 29.96 | 29.76 | 29.67 | 29.62 | 29.59 | 29.57 | 29.55 | 29.53 | 29.51 | 29.49 | 29.48 | 29.48 |
| 0.55 | 34.20 | 31.67 | 30.74 | 30.01 | 29.64 | 29.41 | 29.32 | 29.27 | 29.24 | 29.22 | 29.21 | 29.19 | 29.16 | 29.15 | 29.14 | 29.13 |
| 0.56 | 33.88 | 31.33 | 30.40 | 29.67 | 29.29 | 29.07 | 28.98 | 28.93 | 28.90 | 28.88 | 28.87 | 28.85 | 28.82 | 28.81 | 28.79 | 28.79 |
| 0.57 | 33.57 | 31.00 | 30.06 | 29.33 | 28.95 | 28.73 | 28.64 | 28.59 | 28.56 | 28.54 | 28.53 | 28.51 | 28.48 | 28.47 | 28.45 | 28.45 |
| 0.58 | 33.25 | 30.67 | 29.73 | 28.99 | 28.61 | 28.39 | 28.30 | 28.25 | 28.22 | 28.20 | 28.19 | 28.17 | 28.14 | 28.13 | 28.12 | 28.11 |
| 0.59 | 32.93 | 30.33 | 29.39 | 28.66 | 28.28 | 28.05 | 27.96 | 27.92 | 27.89 | 27.87 | 27.85 | 27.83 | 27.81 | 27.79 | 27.78 | 27.77 |
| Q_U or Q_L | Sample Size | | | | | | | | | | | | | | | |
| | 3 | 4 | 5 | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 75 | 100 | 150 | 200 |
| 0.60 | 32.61 | 30.00 | 29.05 | 28.32 | 27.94 | 27.72 | 27.63 | 27.58 | 27.55 | 27.53 | 27.52 | 27.50 | 27.47 | 27.46 | 27.45 | 27.44 |
| 0.61 | 32.28 | 29.67 | 28.72 | 27.98 | 27.60 | 27.39 | 27.30 | 27.25 | 27.22 | 27.20 | 27.18 | 27.16 | 27.14 | 27.13 | 27.11 | 27.11 |
| 0.62 | 31.96 | 29.33 | 28.39 | 27.65 | 27.27 | 27.05 | 26.96 | 26.92 | 26.89 | 26.87 | 26.85 | 26.83 | 26.81 | 26.80 | 26.78 | 26.78 |
| 0.63 | 31.63 | 29.00 | 28.05 | 27.32 | 26.94 | 26.72 | 26.63 | 26.59 | 26.56 | 26.54 | 26.52 | 26.50 | 26.48 | 26.47 | 26.45 | 26.45 |
| 0.64 | 31.30 | 28.67 | 27.72 | 26.99 | 26.61 | 26.39 | 26.31 | 26.26 | 26.23 | 26.21 | 26.20 | 26.18 | 26.15 | 26.14 | 26.13 | 26.12 |
| 0.65 | 30.97 | 28.33 | 27.39 | 26.66 | 26.28 | 26.07 | 25.98 | 25.93 | 25.90 | 25.88 | 25.87 | 25.85 | 25.83 | 25.82 | 25.80 | 25.80 |

| | | | | | | | | | | | | | | | | |
|----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.01 | 16.11 | 16.33 | 16.07 | 15.83 | 15.72 | 15.66 | 15.64 | 15.63 | 15.63 | 15.63 | 15.63 | 15.63 | 15.62 | 15.62 | 15.62 | 15.62 |
| 1.02 | 15.53 | 16.00 | 15.78 | 15.56 | 15.46 | 15.41 | 15.40 | 15.39 | 15.39 | 15.39 | 15.39 | 15.38 | 15.38 | 15.38 | 15.38 | 15.38 |
| 1.03 | 14.93 | 15.67 | 15.48 | 15.30 | 15.21 | 15.17 | 15.15 | 15.15 | 15.15 | 15.15 | 15.15 | 15.15 | 15.15 | 15.15 | 15.15 | 15.15 |
| 1.04 | 14.31 | 15.33 | 15.19 | 15.06 | 14.96 | 14.92 | 14.91 | 14.91 | 14.91 | 14.91 | 14.91 | 14.91 | 14.91 | 14.91 | 14.91 | 14.91 |
| 1.05 | 13.66 | 15.00 | 14.91 | 14.77 | 14.71 | 14.68 | 14.67 | 14.67 | 14.67 | 14.67 | 14.66 | 14.66 | 14.66 | 14.66 | 14.66 | 14.66 |
| 1.06 | 12.98 | 14.67 | 14.62 | 14.51 | 14.46 | 14.46 | 14.46 | 14.46 | 14.46 | 14.46 | 14.46 | 14.45 | 14.45 | 14.45 | 14.45 | 14.45 |
| 1.07 | 12.27 | 14.33 | 14.33 | 14.26 | 14.22 | 14.20 | 14.20 | 14.21 | 14.21 | 14.21 | 14.21 | 14.22 | 14.22 | 14.22 | 14.22 | 14.23 |
| 1.08 | 11.51 | 14.00 | 14.05 | 14.00 | 13.97 | 13.97 | 13.97 | 13.98 | 13.98 | 13.98 | 13.99 | 13.99 | 13.99 | 14.00 | 14.00 | 14.00 |
| 1.09 | 10.71 | 13.67 | 13.76 | 13.75 | 13.73 | 13.74 | 13.74 | 13.75 | 13.75 | 13.76 | 13.76 | 13.77 | 13.77 | 13.77 | 13.78 | 13.78 |
| 1.10 | 9.84 | 13.33 | 13.48 | 13.49 | 13.50 | 13.51 | 13.52 | 13.52 | 13.53 | 13.54 | 13.54 | 13.54 | 13.55 | 13.55 | 13.56 | 13.56 |
| 1.11 | 8.89 | 13.00 | 13.20 | 13.25 | 13.26 | 13.28 | 13.29 | 13.30 | 13.31 | 13.31 | 13.32 | 13.32 | 13.33 | 13.34 | 13.34 | 13.34 |
| 1.12 | 7.82 | 12.67 | 12.93 | 13.00 | 13.03 | 13.05 | 13.07 | 13.08 | 13.09 | 13.10 | 13.10 | 13.11 | 13.12 | 13.12 | 13.12 | 13.13 |
| 1.13 | 6.60 | 12.33 | 12.65 | 12.75 | 12.80 | 12.83 | 12.85 | 12.86 | 12.87 | 12.88 | 12.89 | 12.89 | 12.90 | 12.91 | 12.91 | 12.92 |
| 1.14 | 5.08 | 12.00 | 12.37 | 12.51 | 12.57 | 12.61 | 12.63 | 12.65 | 12.66 | 12.67 | 12.67 | 12.68 | 12.69 | 12.70 | 12.70 | 12.70 |
| 1.15 | 0.29 | 11.67 | 12.10 | 12.27 | 12.34 | 12.39 | 12.42 | 12.44 | 12.45 | 12.46 | 12.46 | 12.47 | 12.48 | 12.49 | 12.49 | 12.50 |
| 1.16 | 0.00 | 11.33 | 11.83 | 12.03 | 12.12 | 12.18 | 12.21 | 12.22 | 12.24 | 12.25 | 12.25 | 12.26 | 12.28 | 12.28 | 12.29 | 12.29 |
| 1.17 | 0.00 | 11.00 | 11.56 | 11.79 | 11.90 | 11.96 | 12.00 | 12.02 | 12.03 | 12.04 | 12.05 | 12.06 | 12.07 | 12.08 | 12.08 | 12.09 |
| 1.18 | 0.00 | 10.67 | 11.29 | 11.56 | 11.68 | 11.75 | 11.79 | 11.81 | 11.82 | 11.84 | 11.84 | 11.85 | 11.87 | 11.88 | 11.88 | 11.89 |
| 1.19 | 0.00 | 10.33 | 11.02 | 11.33 | 11.46 | 11.54 | 11.58 | 11.61 | 11.62 | 11.63 | 11.64 | 11.65 | 11.67 | 11.68 | 11.69 | 11.69 |
| 1.20 | 0.00 | 10.00 | 10.76 | 11.10 | 11.24 | 11.34 | 11.38 | 11.41 | 11.42 | 11.43 | 11.44 | 11.46 | 11.47 | 11.48 | 11.49 | 11.49 |
| 1.21 | 0.00 | 9.67 | 10.50 | 10.87 | 11.03 | 11.13 | 11.18 | 11.21 | 11.22 | 11.24 | 11.25 | 11.26 | 11.28 | 11.29 | 11.30 | 1130 |
| 1.22 | 0.00 | 9.33 | 10.23 | 10.65 | 10.82 | 10.93 | 10.98 | 11.01 | 11.03 | 11.04 | 11.05 | 11.07 | 110.9 | 11.09 | 11.10 | 11.11 |
| 1.23 | 0.00 | 9.00 | 9.97 | 10.42 | 10.61 | 10.73 | 10.78 | 10.81 | 10.84 | 10.85 | 10.86 | 10.88 | 10.90 | 10.91 | 10.91 | 10.92 |
| 1.24 | 0.00 | 8.67 | 9.72 | 10.20 | 10.41 | 10.53 | 10.59 | 10.62 | 10.64 | 10.66 | 10.67 | 10.69 | 10.71 | 10.72 | 10.73 | 10.73 |
| 1.25 | 0.00 | 8.33 | 9.46 | 9.98 | 10.21 | 10.34 | 10.40 | 10.43 | 10.46 | 10.47 | 10.48 | 10.50 | 10.52 | 10.53 | 10.54 | 10.55 |
| 1.26 | 0.00 | 8.00 | 9.21 | 9.77 | 10.00 | 10.15 | 10.21 | 10.25 | 10.27 | 10.29 | 10.30 | 10.32 | 10.34 | 10.35 | 10.36 | 10.37 |
| 1.27 | 0.00 | 7.67 | 8.96 | 9.55 | 9.81 | 9.96 | 10.02 | 10.06 | 10.09 | 10.10 | 10.12 | 10.13 | 10.16 | 10.17 | 10.18 | 10.19 |
| 1.28 | 0.00 | 7.33 | 8.71 | 9.34 | 9.61 | 9.77 | 9.84 | 9.88 | 9.90 | 9.92 | 9.94 | 9.95 | 9.98 | 9.99 | 10.00 | 10.01 |
| 1.29 | 0.00 | 7.00 | 8.46 | 9.13 | 9.42 | 9.58 | 9.65 | 9.70 | 9.72 | 9.74 | 9.76 | 9.78 | 9.80 | 9.82 | 9.83 | 9.83 |
| Q _U or Q _L | Sample Size | | | | | | | | | | | | | | | |
| | 3 | 4 | 5 | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 75 | 100 | 150 | 200 |
| 1.30 | 0.00 | 6.67 | 8.21 | 8.93 | 9.22 | 9.40 | 9.48 | 9.52 | 9.55 | 9.57 | 9.58 | 9.60 | 9.63 | 9.64 | 9.65 | 9.66 |
| 1.31 | 0.00 | 6.33 | 7.97 | 8.72 | 9.03 | 9.22 | 9.30 | 9.34 | 9.37 | 9.39 | 9.41 | 9.43 | 9.46 | 9.47 | 9.48 | 9.49 |
| 1.32 | 0.00 | 6.00 | 7.73 | 8.52 | 8.85 | 9.04 | 9.12 | 9.17 | 9.20 | 9.22 | 9.24 | 9.26 | 9.29 | 9.30 | 9.31 | 9.32 |
| 1.33 | 0.00 | 5.67 | 7.49 | 8.32 | 8.66 | 8.86 | 8.95 | 9.00 | 9.03 | 9.05 | 9.07 | 9.09 | 9.12 | 9.13 | 9.15 | 9.15 |
| 1.34 | 0.00 | 5.33 | 7.25 | 8.12 | 8.46 | 8.69 | 8.78 | 8.83 | 8.86 | 8.88 | 8.90 | 8.92 | 8.95 | 8.97 | 8.98 | 8.99 |
| 1.35 | 0.00 | 5.00 | 7.02 | 7.92 | 8.30 | 8.52 | 8.61 | 8.66 | 8.69 | 8.72 | 8.74 | 8.76 | 8.79 | 8.81 | 8.82 | 8.83 |

| | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 1.36 | 0.00 | 4.67 | 6.79 | 7.73 | 8.12 | 8.35 | 8.44 | 8.50 | 8.53 | 8.55 | 8.57 | 8.60 | 8.63 | 8.65 | 8.66 | 8.67 |
| 1.37 | 0.00 | 4.33 | 6.56 | 7.54 | 7.95 | 8.18 | 8.28 | 8.33 | 8.37 | 8.39 | 8.41 | 8.44 | 8.47 | 8.49 | 8.50 | 8.51 |
| 1.38 | 0.00 | 4.00 | 6.33 | 7.35 | 7.77 | 8.01 | 8.12 | 8.17 | 8.21 | 8.24 | 8.25 | 8.28 | 8.31 | 8.33 | 8.35 | 8.35 |
| 1.39 | 0.00 | 3.67 | 6.10 | 7.17 | 7.60 | 7.85 | 7.96 | 8.01 | 8.05 | 8.08 | 8.10 | 8.12 | 8.16 | 8.18 | 8.19 | 8.20 |
| 1.40 | 0.00 | 3.33 | 5.88 | 6.98 | 7.44 | 7.69 | 7.80 | 7.80 | 7.90 | 7.92 | 7.94 | 7.97 | 8.01 | 8.02 | 8.04 | 8.05 |
| 1.41 | 0.00 | 3.00 | 5.66 | 6.80 | 7.27 | 7.53 | 7.64 | 7.70 | 7.74 | 7.77 | 7.79 | 7.82 | 7.86 | 7.87 | 7.89 | 7.90 |
| 1.42 | 0.00 | 2.67 | 5.44 | 6.62 | 7.10 | 7.37 | 7.49 | 7.55 | 7.59 | 7.62 | 7.64 | 7.67 | 7.71 | 7.73 | 7.74 | 7.75 |
| 1.43 | 0.00 | 2.33 | 5.23 | 6.45 | 6.94 | 7.22 | 7.34 | 7.40 | 7.44 | 7.47 | 7.50 | 7.52 | 7.56 | 7.58 | 7.60 | 7.61 |
| 1.44 | 0.00 | 2.00 | 5.01 | 6.27 | 6.78 | 7.07 | 7.19 | 7.26 | 7.30 | 7.33 | 7.35 | 7.38 | 7.42 | 7.44 | 7.46 | 7.47 |
| 1.45 | 0.00 | 1.67 | 4.81 | 6.10 | 6.63 | 6.92 | 7.04 | 7.11 | 7.15 | 7.16 | 7.21 | 7.24 | 7.28 | 7.30 | 7.31 | 7.33 |
| 1.46 | 0.00 | 1.33 | 4.60 | 5.93 | 6.40 | 6.77 | 6.90 | 6.97 | 7.01 | 7.04 | 7.07 | 7.10 | 7.14 | 7.16 | 7.18 | 7.19 |
| 1.47 | 0.00 | 1.00 | 4.39 | 5.77 | 6.32 | 6.63 | 6.75 | 6.83 | 6.87 | 6.90 | 6.93 | 6.96 | 7.00 | 7.02 | 7.04 | 7.05 |
| 1.48 | 0.00 | 0.67 | 4.19 | 5.60 | 6.17 | 6.48 | 6.61 | 6.69 | 6.73 | 6.77 | 6.79 | 6.82 | 6.86 | 6.88 | 6.90 | 6.91 |
| 1.49 | 0.00 | 0.33 | 3.99 | 5.44 | 6.02 | 6.34 | 6.48 | 6.55 | 6.60 | 6.63 | 6.65 | 6.69 | 6.73 | 6.75 | 6.77 | 6.78 |
| 1.50 | 0.00 | 0.00 | 3.80 | 5.28 | 5.87 | 6.20 | 6.34 | 6.41 | 6.46 | 6.50 | 6.52 | 6.55 | 6.60 | 6.62 | 6.64 | 6.65 |
| 1.51 | 0.00 | 0.00 | 3.61 | 5.13 | 5.73 | 6.06 | 6.20 | 6.28 | 6.33 | 6.34 | 6.39 | 6.42 | 6.47 | 6.49 | 6.51 | 6.52 |
| 1.52 | 0.00 | 0.00 | 3.42 | 4.97 | 5.59 | 5.93 | 6.07 | 6.15 | 6.20 | 6.23 | 6.26 | 6.29 | 6.34 | 6.36 | 6.38 | 6.39 |
| 1.53 | 0.00 | 0.00 | 3.23 | 4.82 | 5.45 | 5.80 | 5.94 | 6.02 | 6.07 | 6.11 | 6.13 | 6.17 | 6.21 | 6.24 | 6.26 | 6.27 |
| 1.54 | 0.00 | 0.00 | 3.03 | 4.67 | 5.31 | 5.67 | 5.81 | 5.89 | 5.95 | 5.96 | 6.01 | 6.04 | 6.09 | 6.11 | 6.13 | 6.15 |
| 1.55 | 0.00 | 0.00 | 2.87 | 4.52 | 5.18 | 5.54 | 5.69 | 5.77 | 5.82 | 5.86 | 5.88 | 5.92 | 5.97 | 5.99 | 6.01 | 6.02 |
| 1.56 | 0.00 | 0.00 | 2.69 | 4.38 | 5.05 | 5.41 | 5.56 | 5.65 | 5.70 | 5.74 | 5.76 | 5.80 | 5.85 | 5.87 | 5.89 | 5.90 |
| 1.57 | 0.00 | 0.00 | 2.52 | 4.34 | 4.92 | 5.29 | 5.44 | 5.53 | 5.58 | 5.62 | 5.66 | 5.68 | 5.73 | 5.75 | 5.78 | 5.79 |
| 1.58 | 0.00 | 0.00 | 2.35 | 4.10 | 4.79 | 5.16 | 5.32 | 5.41 | 5.46 | 5.50 | 5.53 | 5.56 | 5.61 | 5.64 | 5.66 | 5.67 |
| 1.59 | 0.00 | 0.00 | 2.19 | 3.96 | 4.66 | 5.04 | 5.20 | 5.29 | 5.34 | 5.38 | 5.41 | 5.45 | 5.50 | 5.52 | 5.54 | 5.56 |
| 1.60 | 0.00 | 0.00 | 2.03 | 3.83 | 4.54 | 4.92 | 5.09 | 5.17 | 5.23 | 5.27 | 5.30 | 5.33 | 5.38 | 5.41 | 5.43 | 5.44 |
| 1.61 | 0.00 | 0.00 | 1.87 | 3.69 | 4.41 | 4.81 | 4.97 | 5.06 | 5.12 | 5.16 | 5.18 | 5.22 | 5.27 | 5.30 | 5.32 | 5.33 |
| 1.62 | 0.00 | 0.00 | 1.72 | 3.57 | 4.30 | 4.69 | 4.86 | 4.95 | 5.01 | 5.04 | 5.07 | 5.11 | 5.16 | 5.19 | 5.21 | 5.23 |
| 1.63 | 0.00 | 0.00 | 1.57 | 3.44 | 4.18 | 4.58 | 4.75 | 4.84 | 4.90 | 4.94 | 4.97 | 5.01 | 5.06 | 5.08 | 5.11 | 5.12 |
| 1.64 | 0.00 | 0.00 | 1.42 | 3.31 | 4.06 | 4.47 | 4.64 | 4.73 | 4.79 | 4.83 | 4.86 | 4.90 | 4.95 | 4.98 | 5.00 | 5.01 |
| Q_U or Q_L | Sample Size | | | | | | | | | | | | | | | |
| | 3 | 4 | 5 | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 75 | 100 | 150 | 200 |
| 1.65 | 0.00 | 0.00 | 1.28 | 3.19 | 3.95 | 4.36 | 4.53 | 4.62 | 4.68 | 4.72 | 4.75 | 4.79 | 4.85 | 4.87 | 4.90 | 4.91 |
| 1.66 | 0.00 | 0.00 | 1.15 | 3.07 | 3.84 | 4.25 | 4.43 | 4.52 | 4.58 | 4.62 | 4.65 | 4.69 | 4.74 | 4.77 | 4.80 | 4.81 |
| 1.67 | 0.00 | 0.00 | 1.02 | 2.95 | 3.73 | 4.15 | 4.32 | 4.42 | 4.48 | 4.52 | 4.55 | 4.59 | 4.64 | 4.67 | 4.70 | 4.71 |
| 1.68 | 0.00 | 0.00 | 0.89 | 2.84 | 3.62 | 4.05 | 4.22 | 4.32 | 4.36 | 4.42 | 4.45 | 4.49 | 4.55 | 4.57 | 4.60 | 4.61 |
| 1.69 | 0.00 | 0.00 | 0.77 | 2.73 | 3.52 | 3.94 | 4.12 | 4.22 | 4.26 | 4.32 | 4.35 | 4.39 | 4.45 | 4.47 | 4.50 | 4.51 |
| 1.70 | 0.00 | 0.00 | 0.66 | 2.62 | 3.41 | 3.84 | 4.02 | 4.12 | 4.16 | 4.22 | 4.25 | 4.30 | 4.35 | 4.38 | 4.41 | 4.42 |

| | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 1.71 | 0.00 | 0.00 | 0.55 | 2.51 | 3.73 | 3.75 | 3.93 | 4.02 | 4.09 | 4.13 | 4.16 | 4.20 | 4.26 | 4.29 | 4.31 | 4.32 |
| 1.72 | 0.00 | 0.00 | 0.45 | 2.41 | 3.21 | 3.65 | 3.83 | 3.93 | 3.99 | 4.04 | 4.07 | 4.11 | 4.17 | 4.19 | 4.22 | 4.23 |
| 1.73 | 0.00 | 0.00 | 0.38 | 2.30 | 3.11 | 3.56 | 3.74 | 3.84 | 3.90 | 3.94 | 3.98 | 4.02 | 4.08 | 4.10 | 4.13 | 4.14 |
| 1.74 | 0.00 | 0.00 | 0.27 | 2.20 | 3.02 | 3.46 | 3.65 | 3.75 | 3.81 | 3.85 | 3.89 | 3.93 | 3.99 | 4.01 | 4.04 | 4.05 |
| 1.75 | 0.00 | 0.00 | 0.19 | 2.11 | 2.93 | 3.37 | 3.56 | 3.66 | 3.72 | 3.77 | 3.80 | 3.84 | 3.90 | 3.93 | 3.95 | 3.97 |
| 1.76 | 0.00 | 0.00 | 0.12 | 2.01 | 2.83 | 3.28 | 3.47 | 3.57 | 3.63 | 3.68 | 3.71 | 3.76 | 3.81 | 3.84 | 3.87 | 3.88 |
| 1.77 | 0.00 | 0.00 | 0.06 | 1.92 | 2.74 | 3.20 | 3.36 | 3.48 | 3.55 | 3.59 | 3.63 | 3.67 | 3.73 | 3.76 | 3.78 | 3.80 |
| 1.78 | 0.00 | 0.00 | 0.02 | 1.83 | 2.66 | 3.11 | 3.30 | 3.40 | 3.47 | 3.51 | 3.54 | 3.59 | 3.64 | 3.67 | 3.70 | 3.71 |
| 1.79 | 0.00 | 0.00 | 0.00 | 1.74 | 2.57 | 3.03 | 3.21 | 3.32 | 3.38 | 3.43 | 3.46 | 3.51 | 3.56 | 3.59 | 3.63 | 3.63 |
| 1.80 | 0.00 | 0.00 | 0.00 | 1.65 | 2.49 | 2.94 | 3.13 | 3.24 | 3.30 | 3.35 | 3.38 | 3.43 | 3.48 | 3.51 | 3.54 | 3.55 |
| 1.81 | 0.00 | 0.00 | 0.00 | 1.57 | 2.40 | 2.86 | 3.05 | 3.16 | 3.22 | 3.27 | 3.30 | 3.35 | 3.40 | 3.43 | 3.46 | 3.47 |
| 1.82 | 0.00 | 0.00 | 0.00 | 1.49 | 2.32 | 2.79 | 2.98 | 3.08 | 3.15 | 3.19 | 3.22 | 3.27 | 3.33 | 3.36 | 3.38 | 3.40 |
| 1.83 | 0.00 | 0.00 | 0.00 | 1.41 | 2.25 | 2.71 | 2.90 | 3.00 | 3.07 | 3.11 | 3.15 | 3.19 | 3.25 | 3.28 | 3.31 | 3.32 |
| 1.84 | 0.00 | 0.00 | 0.00 | 1.34 | 2.17 | 2.63 | 2.82 | 2.93 | 2.99 | 3.04 | 3.07 | 3.12 | 3.18 | 3.21 | 3.23 | 3.25 |
| 1.85 | 0.00 | 0.00 | 0.00 | 1.26 | 2.09 | 2.56 | 2.75 | 2.85 | 2.92 | 2.97 | 3.00 | 3.05 | 3.10 | 3.13 | 3.16 | 3.17 |
| 1.86 | 0.00 | 0.00 | 0.00 | 1.19 | 2.02 | 2.48 | 2.68 | 2.76 | 2.85 | 2.89 | 2.93 | 2.97 | 3.03 | 3.06 | 3.09 | 3.10 |
| 1.87 | 0.00 | 0.00 | 0.00 | 1.12 | 1.95 | 2.41 | 2.60 | 2.71 | 2.78 | 2.82 | 2.86 | 2.90 | 2.96 | 2.99 | 3.02 | 3.03 |
| 1.88 | 0.00 | 0.00 | 0.00 | 1.06 | 1.88 | 2.34 | 2.54 | 2.64 | 2.71 | 2.73 | 2.79 | 2.83 | 2.89 | 2.92 | 2.95 | 2.96 |
| 1.89 | 0.00 | 0.00 | 0.00 | 0.99 | 1.81 | 2.28 | 2.47 | 2.57 | 2.64 | 2.69 | 2.72 | 2.77 | 2.83 | 2.85 | 2.88 | 2.90 |
| 1.90 | 0.00 | 0.00 | 0.00 | 0.93 | 1.75 | 2.21 | 2.40 | 2.51 | 2.57 | 2.62 | 2.65 | 2.70 | 2.76 | 2.79 | 2.82 | 2.83 |
| 1.91 | 0.00 | 0.00 | 0.00 | 0.87 | 1.68 | 2.14 | 2.34 | 2.44 | 2.51 | 2.56 | 2.59 | 2.63 | 2.69 | 2.72 | 2.75 | 2.77 |
| 1.92 | 0.00 | 0.00 | 0.00 | 0.81 | 1.62 | 2.08 | 2.27 | 2.38 | 2.45 | 2.49 | 2.52 | 2.57 | 2.63 | 2.66 | 2.69 | 2.70 |
| 1.93 | 0.00 | 0.00 | 0.00 | 0.76 | 1.56 | 2.02 | 2.21 | 2.32 | 2.38 | 2.43 | 2.46 | 2.51 | 2.57 | 2.60 | 2.62 | 2.64 |
| 1.94 | 0.00 | 0.00 | 0.00 | 0.70 | 1.50 | 1.96 | 2.15 | 2.25 | 2.32 | 2.37 | 2.40 | 2.45 | 2.51 | 2.54 | 2.56 | 2.58 |
| 1.95 | 0.00 | 0.00 | 0.00 | 0.65 | 1.44 | 1.90 | 2.09 | 2.19 | 2.26 | 2.31 | 2.34 | 2.39 | 2.45 | 2.48 | 2.50 | 2.52 |
| 1.96 | 0.00 | 0.00 | 0.00 | 0.60 | 1.38 | 1.84 | 2.03 | 2.14 | 2.20 | 2.25 | 2.28 | 2.33 | 2.39 | 2.42 | 2.44 | 2.46 |
| 1.97 | 0.00 | 0.00 | 0.00 | 0.56 | 1.33 | 1.78 | 1.97 | 2.08 | 2.14 | 2.19 | 2.22 | 2.27 | 2.33 | 2.36 | 2.39 | 2.40 |
| 1.98 | 0.00 | 0.00 | 0.00 | 0.51 | 1.27 | 1.73 | 1.92 | 2.02 | 2.09 | 2.13 | 2.17 | 2.21 | 2.27 | 2.30 | 2.33 | 2.34 |
| 1.99 | 0.00 | 0.00 | 0.00 | 0.47 | 1.22 | 1.67 | 1.86 | 1.97 | 2.03 | 2.08 | 2.11 | 2.16 | 2.22 | 2.25 | 2.27 | 2.29 |
| Q_U or Q_L | Sample Size | | | | | | | | | | | | | | | |
| | 3 | 4 | 5 | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 75 | 100 | 150 | 200 |
| 2.00 | 0.00 | 0.00 | 0.00 | 0.43 | 1.17 | 1.62 | 1.81 | 1.91 | 1.98 | 2.03 | 2.06 | 2.10 | 2.16 | 2.19 | 2.22 | 2.23 |
| 2.01 | 0.00 | 0.00 | 0.00 | 0.39 | 1.12 | 1.57 | 1.76 | 1.86 | 1.93 | 1.97 | 2.01 | 2.05 | 2.11 | 2.14 | 2.17 | 2.18 |
| 2.02 | 0.00 | 0.00 | 0.00 | 0.34 | 1.07 | 1.52 | 1.71 | 1.81 | 1.87 | 1.92 | 1.95 | 2.00 | 2.06 | 2.09 | 2.11 | 2.13 |
| 2.03 | 0.00 | 0.00 | 0.00 | 0.32 | 1.03 | 1.47 | 1.66 | 1.76 | 1.82 | 1.87 | 1.90 | 1.95 | 2.01 | 2.04 | 2.06 | 2.08 |
| 2.04 | 0.00 | 0.00 | 0.00 | 0.29 | 0.98 | 1.42 | 1.61 | 1.71 | 1.77 | 1.82 | 1.85 | 1.90 | 1.96 | 1.99 | 2.01 | 2.06 |
| 2.05 | 0.00 | 0.00 | 0.00 | 0.26 | 0.94 | 1.37 | 1.56 | 1.66 | 1.73 | 1.77 | 1.80 | 1.85 | 1.91 | 1.94 | 1.96 | 1.98 |

| | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 2.06 | 0.00 | 0.00 | 0.00 | 0.23 | 0.90 | 1.33 | 1.51 | 1.61 | 1.68 | 1.72 | 1.76 | 1.80 | 1.86 | 1.89 | 1.92 | 1.93 |
| 2.07 | 0.00 | 0.00 | 0.00 | 0.21 | 0.86 | 1.28 | 1.47 | 1.57 | 1.63 | 1.68 | 1.71 | 1.76 | 1.81 | 1.84 | 1.87 | 1.88 |
| 2.08 | 0.00 | 0.00 | 0.00 | 0.18 | 0.82 | 1.24 | 1.42 | 1.52 | 1.59 | 1.63 | 1.66 | 1.71 | 1.77 | 1.79 | 1.82 | 1.84 |
| 2.09 | 0.00 | 0.00 | 0.00 | 0.16 | 0.76 | 1.20 | 1.38 | 1.48 | 1.54 | 1.59 | 1.62 | 1.66 | 1.72 | 1.75 | 1.78 | 1.79 |
| 2.10 | 0.00 | 0.00 | 0.00 | 0.14 | 0.74 | 1.16 | 1.34 | 1.44 | 1.50 | 1.54 | 1.58 | 1.62 | 1.68 | 1.71 | 1.73 | 1.75 |
| 2.11 | 0.00 | 0.00 | 0.00 | 0.12 | 0.71 | 1.12 | 1.30 | 1.39 | 1.46 | 1.50 | 1.53 | 1.58 | 1.63 | 1.66 | 1.69 | 1.70 |
| 2.12 | 0.00 | 0.00 | 0.00 | 0.10 | 0.67 | 1.08 | 1.26 | 1.35 | 1.42 | 1.46 | 1.49 | 1.54 | 1.59 | 1.62 | 1.65 | 1.66 |
| 2.13 | 0.00 | 0.00 | 0.00 | 0.08 | 0.64 | 1.04 | 1.22 | 1.31 | 1.38 | 1.42 | 1.45 | 1.50 | 1.55 | 1.58 | 1.61 | 1.62 |
| 2.14 | 0.00 | 0.00 | 0.00 | 0.07 | 0.61 | 1.00 | 1.18 | 1.28 | 1.34 | 1.38 | 1.41 | 1.44 | 1.51 | 1.54 | 1.57 | 1.58 |
| 2.15 | 0.00 | 0.00 | 0.00 | 0.06 | 0.58 | 0.97 | 1.14 | 1.24 | 1.30 | 1.34 | 1.37 | 1.42 | 1.47 | 1.50 | 1.53 | 1.54 |
| 2.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.55 | 0.93 | 1.10 | 1.20 | 1.26 | 1.30 | 1.34 | 1.38 | 1.43 | 1.46 | 1.49 | 1.50 |
| 2.17 | 0.00 | 0.00 | 0.00 | 0.04 | 0.52 | 0.90 | 1.07 | 1.16 | 1.22 | 1.27 | 1.30 | 1.34 | 1.40 | 1.42 | 1.45 | 1.46 |
| 2.18 | 0.00 | 0.00 | 0.00 | 0.03 | 0.49 | 0.87 | 1.03 | 1.13 | 1.19 | 1.23 | 1.26 | 1.30 | 1.36 | 1.39 | 1.41 | 1.42 |
| 2.19 | 0.00 | 0.00 | 0.00 | 0.02 | 0.46 | 0.83 | 1.00 | 1.09 | 1.15 | 1.20 | 1.23 | 1.27 | 1.32 | 1.35 | 1.38 | 1.39 |
| 2.20 | 0.000 | 0.000 | 0.000 | 0.015 | 0.437 | 0.803 | 0.968 | 1.061 | 1.120 | 1.161 | 1.192 | 1.233 | 1.287 | 1.314 | 1.340 | 1.352 |
| 2.21 | 0.000 | 0.000 | 0.000 | 0.010 | 0.413 | 0.772 | 0.936 | 1.028 | 0.087 | 1.128 | 0.158 | 1.199 | 1.253 | 1.279 | 1.305 | 1.318 |
| 2.22 | 0.000 | 0.000 | 0.000 | 0.006 | 0.389 | 0.743 | 0.905 | 0.996 | 1.054 | 1.095 | 1.125 | 1.166 | 1.219 | 1.245 | 1.271 | 1.283 |
| 2.23 | 0.000 | 0.000 | 0.000 | 0.003 | 0.366 | 0.715 | 0.875 | 0.965 | 1.023 | 1.063 | 1.093 | 1.134 | 1.186 | 1.212 | 1.238 | 1.250 |
| 2.24 | 0.000 | 0.000 | 0.000 | 0.002 | 0.345 | 0.687 | 0.845 | 0.935 | 0.992 | 1.032 | 1.061 | 1.102 | 1.154 | 1.180 | 1.205 | 1.218 |
| 2.25 | 0.000 | 0.000 | 0.000 | 0.001 | 0.324 | 0.660 | 0.816 | 0.905 | 0.962 | 1.002 | 1.031 | 1.071 | 1.123 | 1.148 | 1.173 | 1.186 |
| 2.26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.304 | 0.634 | 0.789 | 0.876 | 0.933 | 0.972 | 1.001 | 1.041 | 1.092 | 1.117 | 1.142 | 1.155 |
| 2.27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.285 | 0.609 | 0.762 | 0.848 | 0.904 | 0.943 | 0.972 | 1.011 | 1.062 | 1.087 | 1.112 | 1.124 |
| 2.28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.267 | 0.585 | 0.735 | 0.821 | 0.876 | 0.915 | 0.943 | 0.982 | 1.033 | 1.058 | 1.082 | 1.094 |
| 2.29 | 0.000 | 0.000 | 0.000 | 0.000 | 0.250 | 0.561 | 0.710 | 0.794 | 0.849 | 0.887 | 0.915 | 0.954 | 1.004 | 1.029 | 1.053 | 1.065 |
| 2.30 | 0.000 | 0.000 | 0.000 | 0.000 | 0.233 | 0.538 | 0.685 | 0.769 | 0.823 | 0.861 | 0.888 | 0.927 | 0.977 | 1.001 | 1.025 | 1.037 |
| 2.31 | 0.000 | 0.000 | 0.000 | 0.000 | 0.218 | 0.516 | 0.661 | 0.743 | 0.797 | 0.834 | 0.862 | 0.900 | 0.949 | 0.974 | 0.997 | 1.009 |
| 2.32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.203 | 0.495 | 0.637 | 0.719 | 0.772 | 0.809 | 0.836 | 0.874 | 0.923 | 0.947 | 0.971 | 0.982 |
| 2.33 | 0.000 | 0.000 | 0.000 | 0.000 | 0.189 | 0.474 | 0.614 | 0.695 | 0.748 | 0.784 | 0.811 | 0.848 | 0.897 | 0.921 | 0.944 | 0.956 |
| 2.34 | 0.000 | 0.000 | 0.000 | 0.000 | 0.175 | 0.454 | 0.592 | 0.672 | 0.724 | 0.760 | 0.787 | 0.834 | 0.872 | 0.895 | 0.915 | 0.930 |
| Q_U or Q_L | Sample Size | | | | | | | | | | | | | | | |
| | 3 | 4 | 5 | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 75 | 100 | 150 | 200 |
| 2.35 | 0.000 | 0.000 | 0.000 | 0.000 | 0.163 | 0.435 | 0.571 | 0.650 | 0.701 | 0.736 | 0.763 | 0.799 | 0.847 | 0.870 | 0.893 | 0.905 |
| 2.36 | 0.000 | 0.000 | 0.000 | 0.000 | 0.151 | 0.414 | 0.550 | 0.628 | 0.678 | 0.714 | 0.740 | 0.776 | 0.823 | 0.846 | 0.869 | 0.880 |
| 2.37 | 0.000 | 0.000 | 0.000 | 0.000 | 0.139 | 0.398 | 0.530 | 0.606 | 0.656 | 0.691 | 0.717 | 0.733 | 0.799 | 0.822 | 0.845 | 0.856 |
| 2.38 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.381 | 0.510 | 0.584 | 0.635 | 0.670 | 0.695 | 0.730 | 0.777 | 0.799 | 0.822 | 0.833 |
| 2.39 | 0.000 | 0.000 | 0.000 | 0.000 | 0.118 | 0.364 | 0.491 | 0.566 | 0.614 | 0.648 | 0.674 | 0.709 | 0.754 | 0.777 | 0.799 | 0.810 |
| 2.40 | 0.000 | 0.000 | 0.000 | 0.000 | 0.109 | 0.348 | 0.473 | 0.546 | 0.594 | 0.628 | 0.653 | 0.687 | 0.732 | 0.755 | 0.777 | 0.787 |

| | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 2.41 | 0.000 | 0.000 | 0.000 | 0.000 | 0.100 | 0.332 | 0.455 | 0.527 | 0.575 | 0.608 | 0.633 | 0.667 | 0.711 | 0.733 | 0.755 | 0.766 |
| 2.42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.091 | 0.317 | 0.437 | 0.509 | 0.555 | 0.588 | 0.613 | 0.646 | 0.691 | 0.712 | 0.734 | 0.744 |
| 2.43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.083 | 0.302 | 0.421 | 0.491 | 0.537 | 0.569 | 0.593 | 0.627 | 0.670 | 0.692 | 0.713 | 0.724 |
| 2.44 | 0.000 | 0.000 | 0.000 | 0.000 | 0.076 | 0.288 | 0.404 | 0.474 | 0.519 | 0.551 | 0.575 | 0.608 | 0.651 | 0.672 | 0.693 | 0.703 |
| 2.45 | 0.000 | 0.000 | 0.000 | 0.000 | 0.069 | 0.275 | 0.389 | 0.457 | 0.501 | 0.533 | 0.556 | 0.589 | 0.632 | 0.653 | 0.673 | 0.684 |
| 2.46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.063 | 0.262 | 0.373 | 0.440 | 0.484 | 0.516 | 0.539 | 0.571 | 0.613 | 0.634 | 0.654 | 0.664 |
| 2.47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.057 | 0.249 | 0.359 | 0.425 | 0.468 | 0.499 | 0.521 | 0.553 | 0.595 | 0.615 | 0.635 | 0.646 |
| 2.48 | 0.000 | 0.000 | 0.000 | 0.000 | 0.051 | 0.237 | 0.344 | 0.409 | 0.452 | 0.482 | 0.505 | 0.536 | 0.577 | 0.597 | 0.617 | 0.627 |
| 2.49 | 0.000 | 0.000 | 0.000 | 0.000 | 0.046 | 0.226 | 0.331 | 0.394 | 0.436 | 0.466 | 0.488 | 0.519 | 0.560 | 0.580 | 0.600 | 0.609 |
| 2.50 | 0.000 | 0.000 | 0.000 | 0.000 | 0.041 | 0.214 | 0.317 | 0.380 | 0.421 | 0.451 | 0.473 | 0.503 | 0.543 | 0.563 | 0.582 | 0.592 |
| 2.51 | 0.000 | 0.000 | 0.000 | 0.000 | 0.037 | 0.204 | 0.304 | 0.366 | 0.407 | 0.436 | 0.457 | 0.487 | 0.527 | 0.546 | 0.565 | 0.575 |
| 2.52 | 0.000 | 0.000 | 0.000 | 0.000 | 0.033 | 0.193 | 0.292 | 0.352 | 0.392 | 0.421 | 0.442 | 0.472 | 0.511 | 0.530 | 0.549 | 0.558 |
| 2.53 | 0.000 | 0.000 | 0.000 | 0.000 | 0.029 | 0.184 | 0.280 | 0.339 | 0.379 | 0.407 | 0.428 | 0.457 | 0.495 | 0.514 | 0.533 | 0.542 |
| 2.54 | 0.000 | 0.000 | 0.000 | 0.000 | 0.026 | 0.174 | 0.268 | 0.326 | 0.365 | 0.397 | 0.413 | 0.442 | 0.480 | 0.499 | 0.517 | 0.527 |
| 2.55 | 0.000 | 0.000 | 0.000 | 0.000 | 0.023 | 0.165 | 0.257 | 0.314 | 0.352 | 0.379 | 0.400 | 0.428 | 0.465 | 0.484 | 0.502 | 0.511 |
| 2.56 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.156 | 0.244 | 0.302 | 0.340 | 0.366 | 0.386 | 0.414 | 0.451 | 0.469 | 0.487 | 0.496 |
| 2.57 | 0.000 | 0.000 | 0.000 | 0.000 | 0.017 | 0.148 | 0.236 | 0.291 | 0.327 | 0.354 | 0.373 | 0.401 | 0.437 | 0.455 | 0.473 | 0.482 |
| 2.58 | 0.000 | 0.000 | 0.000 | 0.000 | 0.015 | 0.140 | 0.226 | 0.279 | 0.316 | 0.341 | 0.361 | 0.388 | 0.424 | 0.441 | 0.459 | 0.468 |
| 2.59 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.133 | 0.216 | 0.269 | 0.304 | 0.330 | 0.349 | 0.375 | 0.410 | 0.428 | 0.445 | 0.454 |
| 2.60 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 | 0.125 | 0.207 | 0.258 | 0.293 | 0.318 | 0.337 | 0.363 | 0.398 | 0.415 | 0.432 | 0.441 |
| 2.61 | 0.000 | 0.000 | 0.000 | 0.000 | 0.009 | 0.118 | 0.198 | 0.248 | 0.282 | 0.307 | 0.325 | 0.351 | 0.385 | 0.402 | 0.419 | 0.428 |
| 2.62 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.112 | 0.189 | 0.238 | 0.272 | 0.296 | 0.314 | 0.339 | 0.373 | 0.390 | 0.406 | 0.415 |
| 2.63 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.105 | 0.181 | 0.229 | 0.262 | 0.285 | 0.303 | 0.328 | 0.361 | 0.378 | 0.394 | 0.402 |
| 2.64 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.099 | 0.172 | 0.220 | 0.252 | 0.275 | 0.293 | 0.317 | 0.350 | 0.366 | 0.382 | 0.390 |
| 2.65 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.094 | 0.165 | 0.211 | 0.243 | 0.265 | 0.282 | 0.307 | 0.339 | 0.355 | 0.371 | 0.379 |
| 2.66 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.088 | 0.157 | 0.202 | 0.233 | 0.256 | 0.273 | 0.296 | 0.328 | 0.344 | 0.359 | 0.367 |
| 2.67 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.083 | 0.150 | 0.194 | 0.224 | 0.246 | 0.263 | 0.286 | 0.317 | 0.333 | 0.348 | 0.356 |
| 2.68 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.078 | 0.143 | 0.184 | 0.216 | 0.237 | 0.254 | 0.277 | 0.307 | 0.322 | 0.338 | 0.345 |
| 2.69 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.073 | 0.134 | 0.179 | 0.208 | 0.229 | 0.245 | 0.267 | 0.297 | 0.312 | 0.327 | 0.335 |
| Q_U or Q_L | Sample Size | | | | | | | | | | | | | | | |
| | 3 | 4 | 5 | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 75 | 100 | 150 | 200 |
| 2.70 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.069 | 0.130 | 0.171 | 0.200 | 0.220 | 0.236 | 0.258 | 0.288 | 0.302 | 0.317 | 0.325 |
| 2.71 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.064 | 0.124 | 0.164 | 0.192 | 0.212 | 0.227 | 0.249 | 0.278 | 0.293 | 0.307 | 0.315 |
| 2.72 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.060 | 0.118 | 0.157 | 0.184 | 0.204 | 0.219 | 0.241 | 0.269 | 0.283 | 0.298 | 0.305 |
| 2.73 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.057 | 0.112 | 0.151 | 0.177 | 0.197 | 0.211 | 0.232 | 0.260 | 0.274 | 0.288 | 0.296 |
| 2.74 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.053 | 0.107 | 0.144 | 0.170 | 0.189 | 0.204 | 0.234 | 0.252 | 0.266 | 0.279 | 0.286 |
| 2.75 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.049 | 0.102 | 0.138 | 0.163 | 0.182 | 0.196 | 0.216 | 0.243 | 0.257 | 0.271 | 0.277 |

| | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 2.76 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.046 | 0.097 | 0.132 | 0.157 | 0.175 | 0.189 | 0.209 | 0.235 | 0.249 | 0.262 | 0.269 |
| 2.77 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.043 | 0.092 | 0.124 | 0.151 | 0.168 | 0.182 | 0.201 | 0.227 | 0.241 | 0.254 | 0.260 |
| 2.78 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.040 | 0.087 | 0.121 | 0.145 | 0.162 | 0.175 | 0.194 | 0.220 | 0.233 | 0.246 | 0.252 |
| 2.79 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.037 | 0.083 | 0.115 | 0.139 | 0.156 | 0.169 | 0.187 | 0.212 | 0.225 | 0.238 | 0.244 |
| 2.80 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.035 | 0.079 | 0.110 | 0.133 | 0.150 | 0.162 | 0.181 | 0.205 | 0.218 | 0.230 | 0.237 |
| 2.81 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.032 | 0.075 | 0.105 | 0.128 | 0.144 | 0.154 | 0.174 | 0.198 | 0.211 | 0.223 | 0.229 |
| 2.82 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.030 | 0.071 | 0.101 | 0.122 | 0.138 | 0.150 | 0.168 | 0.192 | 0.204 | 0.216 | 0.222 |
| 2.83 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.028 | 0.067 | 0.096 | 0.117 | 0.133 | 0.145 | 0.162 | 0.185 | 0.197 | 0.209 | 0.215 |
| 2.84 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.026 | 0.064 | 0.092 | 0.112 | 0.128 | 0.139 | 0.154 | 0.179 | 0.190 | 0.202 | 0.208 |
| 2.85 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.024 | 0.060 | 0.088 | 0.108 | 0.122 | 0.134 | 0.150 | 0.173 | 0.184 | 0.195 | 0.201 |
| 2.86 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.022 | 0.057 | 0.084 | 0.100 | 0.118 | 0.129 | 0.145 | 0.167 | 0.178 | 0.189 | 0.195 |
| 2.87 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.054 | 0.080 | 0.099 | 0.113 | 0.124 | 0.139 | 0.161 | 0.172 | 0.183 | 0.188 |
| 2.88 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.019 | 0.051 | 0.076 | 0.094 | 0.108 | 0.119 | 0.134 | 0.155 | 0.166 | 0.177 | 0.182 |
| 2.89 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.017 | 0.048 | 0.073 | 0.090 | 0.104 | 0.114 | 0.129 | 0.150 | 0.160 | 0.171 | 0.176 |
| 2.90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.016 | 0.046 | 0.069 | 0.087 | 0.100 | 0.110 | 0.125 | 0.145 | 0.155 | 0.165 | 0.171 |
| 2.91 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.015 | 0.043 | 0.066 | 0.083 | 0.096 | 0.106 | 0.120 | 0.140 | 0.150 | 0.160 | 0.165 |
| 2.92 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.041 | 0.063 | 0.079 | 0.092 | 0.101 | 0.115 | 0.135 | 0.145 | 0.155 | 0.160 |
| 2.93 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.012 | 0.038 | 0.060 | 0.076 | 0.088 | 0.097 | 0.111 | 0.130 | 0.140 | 0.149 | 0.154 |
| 2.94 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 | 0.036 | 0.057 | 0.072 | 0.084 | 0.093 | 0.107 | 0.125 | 0.135 | 0.144 | 0.149 |
| 2.95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.034 | 0.054 | 0.069 | 0.081 | 0.090 | 0.103 | 0.121 | 0.130 | 0.140 | 0.144 |
| 2.96 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.009 | 0.032 | 0.051 | 0.066 | 0.077 | 0.086 | 0.099 | 0.117 | 0.126 | 0.135 | 0.140 |
| 2.97 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.009 | 0.030 | 0.049 | 0.063 | 0.074 | 0.083 | 0.095 | 0.112 | 0.121 | 0.130 | 0.135 |
| 2.98 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.028 | 0.046 | 0.060 | 0.071 | 0.079 | 0.091 | 0.108 | 0.117 | 0.126 | 0.130 |
| 2.99 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.027 | 0.044 | 0.057 | 0.068 | 0.076 | 0.088 | 0.104 | 0.113 | 0.122 | 0.126 |
| 3.00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.025 | 0.042 | 0.055 | 0.065 | 0.073 | 0.084 | 0.101 | 0.109 | 0.118 | 0.122 |
| 3.01 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.024 | 0.040 | 0.052 | 0.062 | 0.070 | 0.081 | 0.097 | 0.105 | 0.114 | 0.118 |
| 3.02 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.022 | 0.038 | 0.050 | 0.059 | 0.067 | 0.078 | 0.093 | 0.101 | 0.110 | 0.114 |
| 3.03 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.021 | 0.036 | 0.048 | 0.057 | 0.064 | 0.075 | 0.090 | 0.098 | 0.106 | 0.110 |
| 3.04 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.019 | 0.034 | 0.045 | 0.054 | 0.061 | 0.072 | 0.087 | 0.094 | 0.102 | 0.106 |
| Q_U or Q_L | Sample Size | | | | | | | | | | | | | | | |
| | 3 | 4 | 5 | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 75 | 100 | 150 | 200 |
| 3.05 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.018 | 0.032 | 0.043 | 0.052 | 0.059 | 0.069 | 0.083 | 0.091 | 0.099 | 0.103 |
| 3.06 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.017 | 0.030 | 0.041 | 0.050 | 0.054 | 0.066 | 0.080 | 0.088 | 0.095 | 0.099 |
| 3.07 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.016 | 0.029 | 0.039 | 0.047 | 0.054 | 0.064 | 0.077 | 0.085 | 0.092 | 0.096 |
| 3.08 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.015 | 0.027 | 0.037 | 0.045 | 0.052 | 0.061 | 0.074 | 0.081 | 0.089 | 0.092 |
| 3.09 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.014 | 0.026 | 0.036 | 0.043 | 0.049 | 0.059 | 0.072 | 0.079 | 0.086 | 0.089 |
| 3.10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.013 | 0.024 | 0.034 | 0.041 | 0.047 | 0.056 | 0.069 | 0.076 | 0.083 | 0.086 |

| | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 3.11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.012 | 0.023 | 0.032 | 0.039 | 0.045 | 0.054 | 0.066 | 0.073 | 0.080 | 0.083 |
| 3.12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.011 | 0.022 | 0.031 | 0.038 | 0.043 | 0.052 | 0.064 | 0.070 | 0.077 | 0.080 |
| 3.13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.011 | 0.021 | 0.029 | 0.036 | 0.041 | 0.050 | 0.061 | 0.068 | 0.074 | 0.077 |
| 3.14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.010 | 0.019 | 0.028 | 0.034 | 0.040 | 0.048 | 0.059 | 0.065 | 0.071 | 0.075 |
| 3.15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.009 | 0.018 | 0.026 | 0.033 | 0.038 | 0.046 | 0.057 | 0.063 | 0.069 | 0.072 |
| 3.16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.009 | 0.017 | 0.025 | 0.031 | 0.036 | 0.044 | 0.055 | 0.060 | 0.066 | 0.069 |
| 3.17 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.008 | 0.016 | 0.024 | 0.030 | 0.035 | 0.042 | 0.053 | 0.058 | 0.064 | 0.067 |
| 3.18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.007 | 0.015 | 0.022 | 0.028 | 0.033 | 0.040 | 0.050 | 0.056 | 0.062 | 0.065 |
| 3.19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.007 | 0.015 | 0.021 | 0.027 | 0.032 | 0.038 | 0.049 | 0.054 | 0.059 | 0.062 |
| 3.20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.006 | 0.014 | 0.020 | 0.026 | 0.030 | 0.037 | 0.047 | 0.052 | 0.057 | 0.060 |
| 3.21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.013 | 0.019 | 0.024 | 0.029 | 0.035 | 0.045 | 0.050 | 0.055 | 0.058 |
| 3.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.012 | 0.018 | 0.023 | 0.027 | 0.034 | 0.043 | 0.048 | 0.053 | 0.056 |
| 3.23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.011 | 0.017 | 0.022 | 0.026 | 0.032 | 0.041 | 0.046 | 0.051 | 0.054 |
| 3.24 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.011 | 0.016 | 0.0221 | 0.025 | 0.031 | 0.040 | 0.044 | 0.049 | 0.052 |
| 3.25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.010 | 0.015 | 0.0220 | 0.024 | 0.030 | 0.038 | 0.043 | 0.048 | 0.050 |
| 3.26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.009 | 0.015 | 0.019 | 0.023 | 0.028 | 0.037 | 0.041 | 0.046 | 0.048 |
| 3.27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.009 | 0.014 | 0.019 | 0.022 | 0.027 | 0.035 | 0.040 | 0.044 | 0.046 |
| 3.28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.008 | 0.013 | 0.017 | 0.021 | 0.026 | 0.034 | 0.038 | 0.042 | 0.045 |
| 3.29 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.008 | 0.012 | 0.016 | 0.020 | 0.025 | 0.032 | 0.037 | 0.041 | 0.043 |
| 3.30 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.007 | 0.012 | 0.015 | 0.019 | 0.024 | 0.031 | 0.035 | 0.039 | 0.042 |
| 3.31 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.007 | 0.011 | 0.015 | 0.018 | 0.023 | 0.030 | 0.034 | 0.038 | 0.040 |
| 3.32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.006 | 0.010 | 0.014 | 0.017 | 0.022 | 0.029 | 0.032 | 0.036 | 0.039 |
| 3.33 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.006 | 0.010 | 0.013 | 0.016 | 0.021 | 0.027 | 0.031 | 0.035 | 0.037 |
| 3.34 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.006 | 0.009 | 0.013 | 0.015 | 0.020 | 0.026 | 0.030 | 0.034 | 0.036 |
| 3.35 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.005 | 0.009 | 0.012 | 0.015 | 0.019 | 0.025 | 0.029 | 0.032 | 0.034 |
| 3.36 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.005 | 0.008 | 0.011 | 0.014 | 0.018 | 0.024 | 0.028 | 0.031 | 0.033 |
| 3.37 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.005 | 0.008 | 0.011 | 0.013 | 0.017 | 0.023 | 0.026 | 0.030 | 0.032 |
| 3.38 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.004 | 0.007 | 0.010 | 0.013 | 0.016 | 0.022 | 0.025 | 0.029 | 0.031 |
| 3.39 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.004 | 0.007 | 0.010 | 0.012 | 0.016 | 0.021 | 0.024 | 0.028 | 0.029 |
| Q_U or Q_L | Sample Size | | | | | | | | | | | | | | | |
| | 3 | 4 | 5 | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 75 | 100 | 150 | 200 |
| 3.40 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.004 | 0.007 | 0.009 | 0.011 | 0.015 | 0.020 | 0.023 | 0.027 | 0.028 |
| 3.41 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.003 | 0.006 | 0.009 | 0.011 | 0.014 | 0.020 | 0.022 | 0.026 | 0.027 |
| 3.42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.003 | 0.006 | 0.008 | 0.010 | 0.014 | 0.019 | 0.022 | 0.025 | 0.026 |
| 3.43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.003 | 0.005 | 0.008 | 0.010 | 0.013 | 0.018 | 0.021 | 0.024 | 0.025 |
| 3.44 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.003 | 0.005 | 0.007 | 0.009 | 0.012 | 0.017 | 0.020 | 0.023 | 0.024 |
| 3.45 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.003 | 0.005 | 0.007 | 0.009 | 0.012 | 0.016 | 0.019 | 0.022 | 0.023 |

| | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 3.46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.005 | 0.007 | 0.008 | 0.011 | 0.016 | 0.018 | 0.021 | 0.022 |
| 3.47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.004 | 0.006 | 0.008 | 0.011 | 0.015 | 0.017 | 0.020 | 0.022 |
| 3.48 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.004 | 0.006 | 0.007 | 0.010 | 0.014 | 0.017 | 0.019 | 0.021 |
| 3.49 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.004 | 0.005 | 0.007 | 0.010 | 0.014 | 0.016 | 0.019 | 0.020 |
| 3.50 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.003 | 0.005 | 0.007 | 0.009 | 0.013 | 0.015 | 0.018 | 0.019 |
| 3.51 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.003 | 0.005 | 0.006 | 0.009 | 0.013 | 0.015 | 0.017 | 0.018 |
| 3.52 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.003 | 0.005 | 0.006 | 0.008 | 0.012 | 0.014 | 0.017 | 0.018 |
| 3.53 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.003 | 0.004 | 0.006 | 0.008 | 0.012 | 0.014 | 0.016 | 0.017 |
| 3.54 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.003 | 0.004 | 0.005 | 0.008 | 0.011 | 0.013 | 0.015 | 0.016 |
| 3.55 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.003 | 0.004 | 0.005 | 0.007 | 0.011 | 0.012 | 0.015 | 0.016 |
| 3.56 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.004 | 0.005 | 0.007 | 0.010 | 0.012 | 0.014 | 0.015 |
| 3.57 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.003 | 0.005 | 0.006 | 0.010 | 0.011 | 0.013 | 0.014 |
| 3.58 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.003 | 0.004 | 0.006 | 0.009 | 0.011 | 0.013 | 0.014 |
| 3.59 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.003 | 0.004 | 0.006 | 0.009 | 0.010 | 0.012 | 0.013 |
| 3.60 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.003 | 0.004 | 0.006 | 0.008 | 0.010 | 0.012 | 0.013 |
| 3.61 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.003 | 0.004 | 0.005 | 0.008 | 0.010 | 0.011 | 0.012 |
| 3.62 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.003 | 0.003 | 0.005 | 0.008 | 0.009 | 0.011 | 0.012 |
| 3.63 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.005 | 0.007 | 0.009 | 0.010 | 0.011 |
| 3.64 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.007 | 0.008 | 0.010 | 0.011 |
| 3.65 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.007 | 0.008 | 0.010 | 0.010 |
| 3.66 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.003 | 0.004 | 0.006 | 0.008 | 0.009 | 0.010 |
| 3.67 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.003 | 0.004 | 0.006 | 0.007 | 0.009 | 0.010 |
| 3.68 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.002 | 0.004 | 0.006 | 0.007 | 0.008 | 0.009 |
| 3.69 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.002 | 0.003 | 0.005 | 0.007 | 0.008 | 0.009 |
| 3.70 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.002 | 0.003 | 0.005 | 0.006 | 0.008 | 0.008 |
| 3.71 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.005 | 0.006 | 0.007 | 0.008 |
| 3.72 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.005 | 0.006 | 0.007 | 0.008 |
| 3.73 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.005 | 0.006 | 0.007 | 0.007 |
| 3.74 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.005 | 0.007 | 0.007 |
| Q_U or Q_L | Sample Size | | | | | | | | | | | | | | | |
| | 3 | 4 | 5 | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 75 | 100 | 150 | 200 |
| 3.75 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.002 | 0.004 | 0.005 | 0.006 | 0.007 |
| 3.76 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.002 | 0.004 | 0.005 | 0.006 | 0.007 |
| 3.77 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.002 | 0.004 | 0.005 | 0.006 | 0.006 |
| 3.78 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.004 | 0.004 | 0.005 | 0.006 |
| 3.79 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.005 | 0.006 |
| 3.80 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.005 | 0.006 |

| | | | | | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 3.81 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.005 | 0.005 |
| 3.82 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.005 | 0.005 |
| 3.83 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.004 | 0.005 |
| 3.84 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.003 | 0.003 | 0.004 | 0.005 |
| 3.85 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.004 |
| 3.86 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.004 |
| 3.87 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.004 |
| 3.88 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.004 | 0.004 |
| 3.89 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.003 | 0.004 |
| 3.90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.003 | 0.004 |