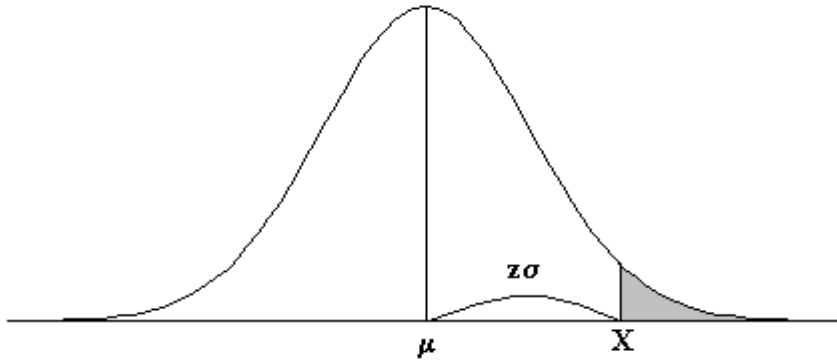


APENDICE 1: TABLAS ESTADISTICAS

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TABLA 1: DISTRIBUCIÓN NORMAL

Áreas bajo la curva normal



Ejemplo:

$$Z = \frac{X - \mu}{\sigma}$$

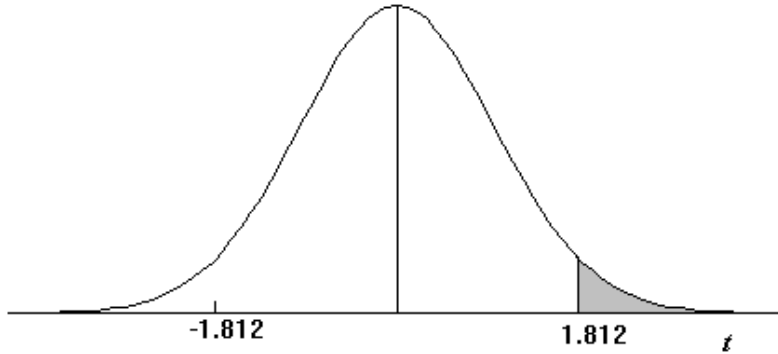
$$P[Z > 1] = 0.1587$$

$$P[Z > 1.96] = 0.0250$$

| Desv. normal x | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.0 | 0.5000 | 0.4960 | 0.4920 | 0.4880 | 0.4840 | 0.4801 | 0.4761 | 0.4721 | 0.4681 | 0.4641 |
| 0.1 | 0.4602 | 0.4562 | 0.4522 | 0.4483 | 0.4443 | 0.4404 | 0.4364 | 0.4325 | 0.4286 | 0.4247 |
| 0.2 | 0.4207 | 0.4168 | 0.4129 | 0.4090 | 0.4052 | 0.4013 | 0.3974 | 0.3936 | 0.3897 | 0.3859 |
| 0.3 | 0.3821 | 0.3783 | 0.3745 | 0.3707 | 0.3669 | 0.3632 | 0.3594 | 0.3557 | 0.3520 | 0.3483 |
| 0.4 | 0.3446 | 0.3409 | 0.3372 | 0.3336 | 0.3300 | 0.3264 | 0.3228 | 0.3192 | 0.3156 | 0.3121 |
| 0.5 | 0.3085 | 0.3050 | 0.3015 | 0.2981 | 0.2946 | 0.2912 | 0.2877 | 0.2843 | 0.2810 | 0.2776 |
| 0.6 | 0.2743 | 0.2709 | 0.2676 | 0.2643 | 0.2611 | 0.2578 | 0.2546 | 0.2514 | 0.2483 | 0.2451 |
| 0.7 | 0.2420 | 0.2389 | 0.2358 | 0.2327 | 0.2296 | 0.2266 | 0.2236 | 0.2206 | 0.2177 | 0.2148 |
| 0.8 | 0.2119 | 0.2090 | 0.2061 | 0.2033 | 0.2005 | 0.1977 | 0.1949 | 0.1922 | 0.1894 | 0.1867 |
| 0.9 | 0.1841 | 0.1814 | 0.1788 | 0.1762 | 0.1736 | 0.1711 | 0.1685 | 0.1660 | 0.1635 | 0.1611 |
| 1.0 | 0.1587 | 0.1562 | 0.1539 | 0.1515 | 0.1492 | 0.1469 | 0.1446 | 0.1423 | 0.1401 | 0.1379 |
| 1.1 | 0.1357 | 0.1335 | 0.1314 | 0.1292 | 0.1271 | 0.1251 | 0.1230 | 0.1210 | 0.1190 | 0.1170 |
| 1.2 | 0.1151 | 0.1131 | 0.1112 | 0.1093 | 0.1075 | 0.1056 | 0.1038 | 0.1020 | 0.1003 | 0.0985 |
| 1.3 | 0.0968 | 0.0951 | 0.0934 | 0.0918 | 0.0901 | 0.0885 | 0.0869 | 0.0853 | 0.0838 | 0.0823 |
| 1.4 | 0.0808 | 0.0793 | 0.0778 | 0.0764 | 0.0749 | 0.0735 | 0.0721 | 0.0708 | 0.0694 | 0.0681 |
| 1.5 | 0.0668 | 0.0655 | 0.0643 | 0.0630 | 0.0618 | 0.0606 | 0.0594 | 0.0582 | 0.0571 | 0.0559 |
| 1.6 | 0.0548 | 0.0537 | 0.0526 | 0.0516 | 0.0505 | 0.0495 | 0.0485 | 0.0475 | 0.0465 | 0.0455 |
| 1.7 | 0.0446 | 0.0436 | 0.0427 | 0.0418 | 0.0409 | 0.0401 | 0.0392 | 0.0384 | 0.0375 | 0.0367 |
| 1.8 | 0.0359 | 0.0351 | 0.0344 | 0.0336 | 0.0329 | 0.0322 | 0.0314 | 0.0307 | 0.0301 | 0.0294 |
| 1.9 | 0.0287 | 0.0281 | 0.0274 | 0.0268 | 0.0262 | 0.0256 | 0.0250 | 0.0244 | 0.0239 | 0.0233 |
| 2.0 | 0.0228 | 0.0222 | 0.0217 | 0.0212 | 0.0207 | 0.0202 | 0.0197 | 0.0192 | 0.0188 | 0.0183 |
| 2.1 | 0.0179 | 0.0174 | 0.0170 | 0.0166 | 0.0162 | 0.0158 | 0.0154 | 0.0150 | 0.0146 | 0.0143 |
| 2.2 | 0.0139 | 0.0136 | 0.0132 | 0.0129 | 0.0125 | 0.0122 | 0.0119 | 0.0116 | 0.0113 | 0.0110 |
| 2.3 | 0.0107 | 0.0104 | 0.0102 | 0.0099 | 0.0096 | 0.0094 | 0.0091 | 0.0089 | 0.0087 | 0.0084 |
| 2.4 | 0.0082 | 0.0080 | 0.0078 | 0.0075 | 0.0073 | 0.0071 | 0.0069 | 0.0068 | 0.0066 | 0.0064 |
| 2.5 | 0.0062 | 0.0060 | 0.0059 | 0.0057 | 0.0055 | 0.0054 | 0.0052 | 0.0051 | 0.0049 | 0.0048 |
| 2.6 | 0.0047 | 0.0045 | 0.0044 | 0.0043 | 0.0041 | 0.0040 | 0.0039 | 0.0038 | 0.0037 | 0.0036 |
| 2.7 | 0.0035 | 0.0034 | 0.0033 | 0.0032 | 0.0031 | 0.0030 | 0.0029 | 0.0028 | 0.0027 | 0.0026 |
| 2.8 | 0.0026 | 0.0025 | 0.0024 | 0.0023 | 0.0023 | 0.0022 | 0.0021 | 0.0021 | 0.0020 | 0.0019 |
| 2.9 | 0.0019 | 0.0018 | 0.0018 | 0.0017 | 0.0016 | 0.0016 | 0.0015 | 0.0015 | 0.0014 | 0.0014 |
| 3.0 | 0.0013 | 0.0013 | 0.0013 | 0.0012 | 0.0012 | 0.0011 | 0.0011 | 0.0011 | 0.0010 | 0.0010 |

TABLA 2: DISTRIBUCIÓN t DE STUDENT

Puntos de porcentaje de la distribución t



Ejemplo

Para $\phi = 10$ grados de libertad:

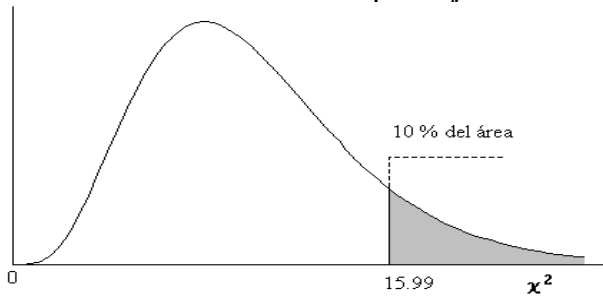
$$P[t > 1.812] = 0.05$$

$$P[t > -1.812] = 0.05$$

| $\phi \backslash \alpha$ | 0.25 | 0.2 | 0.15 | 0.1 | 0.05 | 0.025 | 0.01 | 0.005 | 0.0005 |
|--------------------------|-------|-------|-------|-------|-------|--------|--------|--------|---------|
| 1 | 1.000 | 1.376 | 1.963 | 3.078 | 6.314 | 12.706 | 31.821 | 63.656 | 636.578 |
| 2 | 0.816 | 1.061 | 1.386 | 1.886 | 2.920 | 4.303 | 6.965 | 9.925 | 31.600 |
| 3 | 0.765 | 0.978 | 1.250 | 1.638 | 2.353 | 3.182 | 4.541 | 5.841 | 12.924 |
| 4 | 0.741 | 0.941 | 1.190 | 1.533 | 2.132 | 2.776 | 3.747 | 4.604 | 8.610 |
| 5 | 0.727 | 0.920 | 1.156 | 1.476 | 2.015 | 2.571 | 3.365 | 4.032 | 6.869 |
| 6 | 0.718 | 0.906 | 1.134 | 1.440 | 1.943 | 2.447 | 3.143 | 3.707 | 5.959 |
| 7 | 0.711 | 0.896 | 1.119 | 1.415 | 1.895 | 2.365 | 2.998 | 3.499 | 5.408 |
| 8 | 0.706 | 0.889 | 1.108 | 1.397 | 1.860 | 2.306 | 2.896 | 3.355 | 5.041 |
| 9 | 0.703 | 0.883 | 1.100 | 1.383 | 1.833 | 2.262 | 2.821 | 3.250 | 4.781 |
| 10 | 0.700 | 0.879 | 1.093 | 1.372 | 1.812 | 2.228 | 2.764 | 3.169 | 4.587 |
| 11 | 0.697 | 0.876 | 1.088 | 1.363 | 1.796 | 2.201 | 2.718 | 3.106 | 4.437 |
| 12 | 0.695 | 0.873 | 1.083 | 1.356 | 1.782 | 2.179 | 2.681 | 3.055 | 4.318 |
| 13 | 0.694 | 0.870 | 1.079 | 1.350 | 1.771 | 2.160 | 2.650 | 3.012 | 4.221 |
| 14 | 0.692 | 0.868 | 1.076 | 1.345 | 1.761 | 2.145 | 2.624 | 2.977 | 4.140 |
| 15 | 0.691 | 0.866 | 1.074 | 1.341 | 1.753 | 2.131 | 2.602 | 2.947 | 4.073 |
| 16 | 0.690 | 0.865 | 1.071 | 1.337 | 1.746 | 2.120 | 2.583 | 2.921 | 4.015 |
| 17 | 0.689 | 0.863 | 1.069 | 1.333 | 1.740 | 2.110 | 2.567 | 2.898 | 3.965 |
| 18 | 0.688 | 0.862 | 1.067 | 1.330 | 1.734 | 2.101 | 2.552 | 2.878 | 3.922 |
| 19 | 0.688 | 0.861 | 1.066 | 1.328 | 1.729 | 2.093 | 2.539 | 2.861 | 3.883 |
| 20 | 0.687 | 0.860 | 1.064 | 1.325 | 1.725 | 2.086 | 2.528 | 2.845 | 3.850 |
| 21 | 0.686 | 0.859 | 1.063 | 1.323 | 1.721 | 2.080 | 2.518 | 2.831 | 3.819 |
| 22 | 0.686 | 0.858 | 1.061 | 1.321 | 1.717 | 2.074 | 2.508 | 2.819 | 3.792 |
| 23 | 0.685 | 0.858 | 1.060 | 1.319 | 1.714 | 2.069 | 2.500 | 2.807 | 3.768 |
| 24 | 0.685 | 0.857 | 1.059 | 1.318 | 1.711 | 2.064 | 2.492 | 2.797 | 3.745 |
| 25 | 0.684 | 0.856 | 1.058 | 1.316 | 1.708 | 2.060 | 2.485 | 2.787 | 3.725 |
| 26 | 0.684 | 0.856 | 1.058 | 1.315 | 1.706 | 2.056 | 2.479 | 2.779 | 3.707 |
| 27 | 0.684 | 0.855 | 1.057 | 1.314 | 1.703 | 2.052 | 2.473 | 2.771 | 3.689 |
| 28 | 0.683 | 0.855 | 1.056 | 1.313 | 1.701 | 2.048 | 2.467 | 2.763 | 3.674 |
| 29 | 0.683 | 0.854 | 1.055 | 1.311 | 1.699 | 2.045 | 2.462 | 2.756 | 3.660 |
| 30 | 0.683 | 0.854 | 1.055 | 1.310 | 1.697 | 2.042 | 2.457 | 2.750 | 3.646 |
| 40 | 0.681 | 0.851 | 1.050 | 1.303 | 1.684 | 2.021 | 2.423 | 2.704 | 3.551 |
| 60 | 0.679 | 0.848 | 1.045 | 1.296 | 1.671 | 2.000 | 2.390 | 2.660 | 3.460 |
| 120 | 0.677 | 0.845 | 1.041 | 1.289 | 1.658 | 1.980 | 2.358 | 2.617 | 3.373 |
| ∞ | 0.674 | 0.842 | 1.036 | 1.282 | 1.645 | 1.960 | 2.326 | 2.576 | 3.290 |

TABLA 3: DISTRIBUCIÓN χ^2

Puntos de porcentaje de la distribución χ^2



Ejemplo:

Para $\phi = 10$ grados de libertad

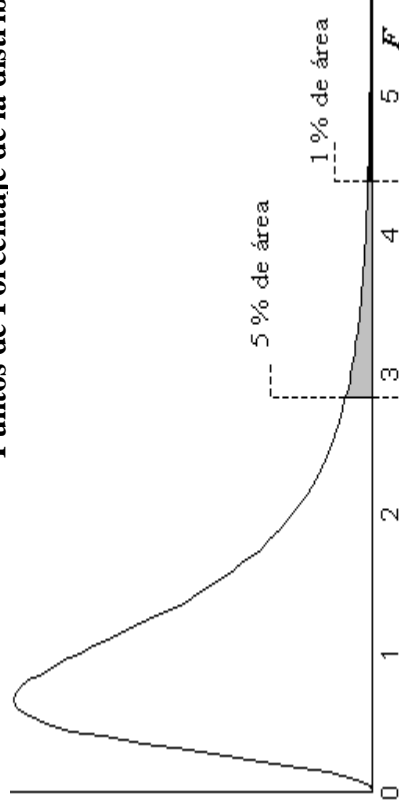
$$P[\chi^2 > 15.99] = 0.10$$

| $\phi \backslash P$ | 0.995 | 0.99 | 0.975 | 0.95 | 0.9 | 0.75 | 0.5 | 0.25 | 0.1 | 0.05 | 0.025 | 0.01 | 0.005 | $\phi \backslash P$ |
|---------------------|----------|----------|----------|----------|----------|--------|-------|-------|-------|-------|-------|-------|-------|---------------------|
| 1 | 3.93E-05 | 1.57E-04 | 9.82E-04 | 3.93E-03 | 1.58E-02 | 0.102 | 0.455 | 1.323 | 2.71 | 3.84 | 5.02 | 6.63 | 7.88 | 1 |
| 2 | 1.00E-02 | 2.01E-02 | 5.06E-02 | 0.103 | 0.211 | 0.575 | 1.386 | 2.77 | 4.61 | 5.99 | 7.38 | 9.21 | 10.60 | 2 |
| 3 | 7.17E-02 | 0.115 | 0.216 | 0.352 | 0.584 | 1.213 | 2.37 | 4.11 | 6.25 | 7.81 | 9.35 | 11.34 | 12.84 | 3 |
| 4 | 0.207 | 0.297 | 0.484 | 0.711 | 1.064 | 1.923 | 3.36 | 5.39 | 7.78 | 9.49 | 11.14 | 13.28 | 14.86 | 4 |
| 5 | 0.412 | 0.554 | 0.831 | 1.145 | 1.610 | 2.67 | 4.35 | 6.63 | 9.24 | 11.07 | 12.83 | 15.09 | 16.75 | 5 |
| 6 | 0.676 | 0.872 | 1.237 | 1.635 | 2.20 | 3.45 | 5.35 | 7.84 | 10.64 | 12.59 | 14.45 | 16.81 | 18.55 | 6 |
| 7 | 0.989 | 1.239 | 1.690 | 2.17 | 2.83 | 4.25 | 6.35 | 9.04 | 12.02 | 14.07 | 16.01 | 18.48 | 20.3 | 7 |
| 8 | 1.344 | 1.647 | 2.18 | 2.73 | 3.49 | 5.07 | 7.34 | 10.22 | 13.36 | 15.51 | 17.53 | 20.1 | 22.0 | 8 |
| 9 | 1.735 | 2.09 | 2.70 | 3.33 | 4.17 | 5.90 | 8.34 | 11.39 | 14.68 | 16.92 | 19.02 | 21.7 | 23.6 | 9 |
| 10 | 2.16 | 2.56 | 3.25 | 3.94 | 4.87 | 6.74 | 9.34 | 12.55 | 15.99 | 18.31 | 20.5 | 23.2 | 25.2 | 10 |
| 11 | 2.60 | 3.05 | 3.82 | 4.57 | 5.58 | 7.58 | 10.34 | 13.70 | 17.28 | 19.68 | 21.9 | 24.7 | 26.8 | 11 |
| 12 | 3.07 | 3.57 | 4.40 | 5.23 | 6.30 | 8.44 | 11.34 | 14.85 | 18.55 | 21.0 | 23.3 | 26.2 | 28.3 | 12 |
| 13 | 3.57 | 4.11 | 5.01 | 5.89 | 7.04 | 9.30 | 12.34 | 15.98 | 19.81 | 22.4 | 24.7 | 27.7 | 29.8 | 13 |
| 14 | 4.07 | 4.66 | 5.63 | 6.57 | 7.79 | 10.17 | 13.34 | 17.12 | 21.1 | 23.7 | 26.1 | 29.1 | 31.3 | 14 |
| 15 | 4.60 | 5.23 | 6.26 | 7.26 | 8.55 | 11.04 | 14.34 | 18.25 | 22.3 | 25.0 | 27.5 | 30.6 | 32.8 | 15 |
| 16 | 5.14 | 5.81 | 6.91 | 7.96 | 9.31 | 11.91 | 15.34 | 19.37 | 23.5 | 26.3 | 28.8 | 32.0 | 34.3 | 16 |
| 17 | 5.70 | 6.41 | 7.56 | 8.67 | 10.09 | 12.79 | 16.34 | 20.5 | 24.8 | 27.6 | 30.2 | 33.4 | 35.7 | 17 |
| 18 | 6.26 | 7.01 | 8.23 | 9.39 | 10.86 | 13.68 | 17.34 | 21.6 | 26.0 | 28.9 | 31.5 | 34.8 | 37.2 | 18 |
| 19 | 6.84 | 7.63 | 8.91 | 10.12 | 11.65 | 14.56 | 18.34 | 22.7 | 27.2 | 30.1 | 32.9 | 36.2 | 38.6 | 19 |
| 20 | 7.43 | 8.26 | 9.59 | 10.85 | 12.44 | 15.45 | 19.34 | 23.8 | 28.4 | 31.4 | 34.2 | 37.6 | 40.0 | 20 |
| 21 | 8.03 | 8.90 | 10.28 | 11.59 | 13.24 | 16.34 | 20.3 | 24.9 | 29.6 | 32.7 | 35.5 | 38.9 | 41.4 | 21 |
| 22 | 8.64 | 9.54 | 10.98 | 12.34 | 14.04 | 17.24 | 21.3 | 26.0 | 30.8 | 33.9 | 36.8 | 40.3 | 42.8 | 22 |
| 23 | 9.26 | 10.20 | 11.69 | 13.09 | 14.85 | 18.14 | 22.3 | 27.1 | 32.0 | 35.2 | 38.1 | 41.6 | 44.2 | 23 |
| 24 | 9.89 | 10.86 | 12.40 | 13.85 | 15.66 | 19.04 | 23.3 | 28.2 | 33.2 | 36.4 | 39.4 | 43.0 | 45.6 | 24 |
| 25 | 10.52 | 11.52 | 13.12 | 14.61 | 16.47 | 19.94 | 24.3 | 29.3 | 34.4 | 37.7 | 40.6 | 44.3 | 46.9 | 25 |
| 26 | 11.16 | 12.20 | 13.84 | 15.38 | 17.29 | 20.8 | 25.3 | 30.4 | 35.6 | 38.9 | 41.9 | 45.6 | 48.3 | 26 |
| 27 | 11.81 | 12.88 | 14.57 | 16.15 | 18.11 | 21.7 | 26.3 | 31.5 | 36.7 | 40.1 | 43.2 | 47.0 | 49.6 | 27 |
| 28 | 12.46 | 13.56 | 15.31 | 16.93 | 18.94 | 22.7 | 27.3 | 32.6 | 37.9 | 41.3 | 44.5 | 48.3 | 51.0 | 28 |
| 29 | 13.12 | 14.26 | 16.05 | 17.71 | 19.77 | 23.6 | 28.3 | 33.7 | 39.1 | 42.6 | 45.7 | 49.6 | 52.3 | 29 |
| 30 | 13.79 | 14.95 | 16.79 | 18.49 | 20.6 | 24.5 | 29.3 | 34.8 | 40.3 | 43.8 | 47.0 | 50.9 | 53.7 | 30 |
| 40 | 20.7 | 22.2 | 24.4 | 26.5 | 29.1 | 33.7 | 39.3 | 45.6 | 51.8 | 55.8 | 59.3 | 63.7 | 66.8 | 40 |
| 50 | 28.0 | 29.7 | 32.4 | 34.8 | 37.7 | 42.9 | 49.3 | 56.3 | 63.2 | 67.5 | 71.4 | 76.2 | 79.5 | 50 |
| 60 | 35.5 | 37.5 | 40.5 | 43.2 | 46.5 | 52.3 | 59.3 | 67.0 | 74.4 | 79.1 | 83.3 | 88.4 | 92.0 | 60 |
| 70 | 43.3 | 45.4 | 48.8 | 51.7 | 55.3 | 61.7 | 69.3 | 77.6 | 85.5 | 90.5 | 95.0 | 100.4 | 104.2 | 70 |
| 80 | 51.2 | 53.5 | 57.2 | 60.4 | 64.3 | 71.1 | 79.3 | 88.1 | 96.6 | 101.9 | 106.6 | 112.3 | 116.3 | 80 |
| 90 | 59.2 | 61.8 | 65.6 | 69.1 | 73.3 | 80.6 | 89.3 | 98.6 | 107.6 | 113.1 | 118.1 | 124.1 | 128.3 | 90 |
| 100 | 67.3 | 70.1 | 74.2 | 77.9 | 82.4 | 90.1 | 99.3 | 109.1 | 118.5 | 124.3 | 129.6 | 135.8 | 140.2 | 100 |
| Z_α | -2.58 | -2.33 | -1.96 | -1.64 | -1.28 | -0.674 | 0.000 | 0.674 | 1.282 | 1.645 | 1.96 | 2.33 | 2.58 | Z_α |

Para $\phi > 100$ tómesese $\chi^2 = \frac{1}{2} (Z_\alpha + \sqrt{2\phi - 1})^2$. Z_α es la desviación normal estandarizada correspondiente al nivel de significancia y se muestra en la parte superior de la tabla.

TABLA 4: DISTRIBUCIÓN F DE FISHER

Puntos de Porcentaje de la distribución F



Ejemplo:

Para $n_1 = 9$, $n_2 = 12$ grados de libertad:

$P [F > 2.80] = 0.05$

$P [F > 4.39] = 0.01$

| n_2 | 5 % (normal) y 1 % (negritas) puntos para la distribución de F n1 grados de libertad (para el mayor cuadrado medio) | | | | | | | | | | | | | | | | | | | n_2 | | | | | |
|-------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 14 | 16 | 20 | 24 | 30 | 40 | 50 | | 75 | 100 | 200 | 500 | ∞ |
| 1 | 161 | 199 | 216 | 225 | 230 | 234 | 237 | 239 | 241 | 242 | 243 | 244 | 245 | 246 | 248 | 249 | 250 | 251 | 252 | 253 | 253 | 254 | 254 | 254 | 254 |
| 2 | 4052 | 4999 | 5404 | 5624 | 5764 | 5859 | 5928 | 5981 | 6022 | 6056 | 6083 | 6107 | 6143 | 6170 | 6209 | 6234 | 6260 | 6286 | 6302 | 6324 | 6334 | 6350 | 6360 | 6366 | 6366 |
| 3 | 18.51 | 19.00 | 19.16 | 19.25 | 19.30 | 19.33 | 19.35 | 19.37 | 19.38 | 19.40 | 19.40 | 19.41 | 19.42 | 19.43 | 19.45 | 19.45 | 19.46 | 19.47 | 19.48 | 19.48 | 19.48 | 19.49 | 19.49 | 19.50 | 19.50 |
| 4 | 98.50 | 99.00 | 99.16 | 99.25 | 99.30 | 99.33 | 99.36 | 99.38 | 99.39 | 99.40 | 99.41 | 99.42 | 99.43 | 99.44 | 99.45 | 99.46 | 99.47 | 99.48 | 99.48 | 99.48 | 99.48 | 99.49 | 99.49 | 99.50 | 99.50 |
| 5 | 10.13 | 9.55 | 9.28 | 9.12 | 9.01 | 8.94 | 8.89 | 8.85 | 8.81 | 8.79 | 8.76 | 8.74 | 8.71 | 8.69 | 8.66 | 8.64 | 8.62 | 8.59 | 8.58 | 8.56 | 8.55 | 8.54 | 8.53 | 8.53 | 8.53 |
| 6 | 34.12 | 30.82 | 29.46 | 28.71 | 28.24 | 27.91 | 27.67 | 27.49 | 27.34 | 27.23 | 27.13 | 27.05 | 26.92 | 26.83 | 26.69 | 26.60 | 26.50 | 26.41 | 26.35 | 26.28 | 26.24 | 26.18 | 26.15 | 26.13 | 26.13 |
| 7 | 7.71 | 6.94 | 6.59 | 6.39 | 6.26 | 6.16 | 6.09 | 6.04 | 6.00 | 5.96 | 5.94 | 5.91 | 5.87 | 5.84 | 5.80 | 5.77 | 5.75 | 5.72 | 5.70 | 5.68 | 5.66 | 5.65 | 5.64 | 5.63 | 5.63 |
| 8 | 21.20 | 18.00 | 16.69 | 15.98 | 15.52 | 15.21 | 14.98 | 14.80 | 14.66 | 14.55 | 14.45 | 14.37 | 14.25 | 14.15 | 14.02 | 13.93 | 13.84 | 13.75 | 13.69 | 13.61 | 13.58 | 13.52 | 13.49 | 13.46 | 13.46 |
| 9 | 6.61 | 5.79 | 5.41 | 5.19 | 5.05 | 4.95 | 4.88 | 4.82 | 4.77 | 4.74 | 4.70 | 4.68 | 4.64 | 4.60 | 4.56 | 4.53 | 4.50 | 4.46 | 4.44 | 4.42 | 4.41 | 4.39 | 4.37 | 4.37 | 4.37 |
| 10 | 16.26 | 13.27 | 12.06 | 11.39 | 10.97 | 10.67 | 10.46 | 10.29 | 10.16 | 10.05 | 9.96 | 9.89 | 9.77 | 9.68 | 9.55 | 9.47 | 9.38 | 9.29 | 9.24 | 9.17 | 9.13 | 9.08 | 9.04 | 9.02 | 9.02 |
| 11 | 5.99 | 5.14 | 4.76 | 4.53 | 4.39 | 4.28 | 4.21 | 4.15 | 4.10 | 4.06 | 4.03 | 4.00 | 3.96 | 3.92 | 3.87 | 3.84 | 3.81 | 3.77 | 3.75 | 3.73 | 3.71 | 3.69 | 3.68 | 3.67 | 3.67 |
| 12 | 13.75 | 10.92 | 9.78 | 9.15 | 8.75 | 8.47 | 8.26 | 8.10 | 7.98 | 7.87 | 7.79 | 7.72 | 7.60 | 7.52 | 7.40 | 7.31 | 7.23 | 7.14 | 7.09 | 7.02 | 6.99 | 6.93 | 6.90 | 6.88 | 6.88 |
| 13 | 5.59 | 4.74 | 4.35 | 4.12 | 3.97 | 3.87 | 3.79 | 3.73 | 3.68 | 3.64 | 3.60 | 3.57 | 3.53 | 3.49 | 3.44 | 3.41 | 3.38 | 3.34 | 3.32 | 3.29 | 3.27 | 3.25 | 3.24 | 3.23 | 3.23 |
| 14 | 12.25 | 9.55 | 8.45 | 7.85 | 7.46 | 7.19 | 6.99 | 6.84 | 6.72 | 6.62 | 6.54 | 6.47 | 6.36 | 6.28 | 6.16 | 6.07 | 5.99 | 5.91 | 5.86 | 5.79 | 5.75 | 5.70 | 5.67 | 5.65 | 5.65 |
| 15 | 5.32 | 4.46 | 4.07 | 3.84 | 3.69 | 3.58 | 3.50 | 3.44 | 3.39 | 3.35 | 3.31 | 3.28 | 3.24 | 3.20 | 3.15 | 3.12 | 3.08 | 3.04 | 3.02 | 2.99 | 2.97 | 2.95 | 2.94 | 2.93 | 2.93 |
| 16 | 11.26 | 8.65 | 7.59 | 7.01 | 6.63 | 6.37 | 6.18 | 6.03 | 5.91 | 5.81 | 5.73 | 5.67 | 5.56 | 5.48 | 5.36 | 5.28 | 5.20 | 5.12 | 5.07 | 5.00 | 4.96 | 4.91 | 4.88 | 4.86 | 4.86 |
| 17 | 5.12 | 4.26 | 3.86 | 3.63 | 3.48 | 3.37 | 3.29 | 3.23 | 3.18 | 3.14 | 3.10 | 3.07 | 3.03 | 2.99 | 2.94 | 2.90 | 2.86 | 2.83 | 2.80 | 2.77 | 2.76 | 2.73 | 2.72 | 2.71 | 2.71 |
| 18 | 10.56 | 8.02 | 6.99 | 6.42 | 6.06 | 5.80 | 5.61 | 5.47 | 5.35 | 5.26 | 5.18 | 5.11 | 5.01 | 4.92 | 4.81 | 4.73 | 4.65 | 4.57 | 4.52 | 4.45 | 4.41 | 4.36 | 4.33 | 4.31 | 4.31 |
| 19 | 4.96 | 4.10 | 3.71 | 3.48 | 3.33 | 3.22 | 3.14 | 3.07 | 3.02 | 2.98 | 2.94 | 2.91 | 2.86 | 2.83 | 2.77 | 2.74 | 2.70 | 2.66 | 2.64 | 2.60 | 2.59 | 2.56 | 2.55 | 2.54 | 2.54 |
| 20 | 10.04 | 7.56 | 6.55 | 5.99 | 5.64 | 5.39 | 5.20 | 5.06 | 4.94 | 4.85 | 4.77 | 4.71 | 4.60 | 4.52 | 4.41 | 4.33 | 4.25 | 4.17 | 4.12 | 4.05 | 4.01 | 3.96 | 3.93 | 3.91 | 3.91 |

| n_2 | 5% (normal) y 1% (negritas) puntos para la distribución de F n1 grados de libertad (para el mayor cuadrado medio) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | n_2 |
|-------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|----|--|--|--|--|--|--|--|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 14 | 16 | 20 | 24 | 30 | 40 | 50 | 75 | 100 | 200 | 500 | ∞ | | | | | | | | | |
| 11 | 4.84 | 3.98 | 3.59 | 3.36 | 3.20 | 3.09 | 3.01 | 2.95 | 2.90 | 2.85 | 2.82 | 2.79 | 2.74 | 2.70 | 2.65 | 2.61 | 2.57 | 2.53 | 2.51 | 2.47 | 2.46 | 2.43 | 2.42 | 2.40 | 11 | | | | | | | | |
| 12 | 9.65 | 7.21 | 6.22 | 5.67 | 5.32 | 5.07 | 4.89 | 4.74 | 4.63 | 4.54 | 4.46 | 4.40 | 4.29 | 4.21 | 4.10 | 4.02 | 3.94 | 3.86 | 3.81 | 3.74 | 3.71 | 3.66 | 3.62 | 3.60 | 12 | | | | | | | | |
| 13 | 4.75 | 3.89 | 3.49 | 3.26 | 3.11 | 3.00 | 2.91 | 2.85 | 2.80 | 2.75 | 2.72 | 2.69 | 2.64 | 2.60 | 2.54 | 2.51 | 2.47 | 2.43 | 2.40 | 2.37 | 2.35 | 2.32 | 2.31 | 2.30 | 13 | | | | | | | | |
| 14 | 9.33 | 6.93 | 5.95 | 5.41 | 5.06 | 4.82 | 4.64 | 4.50 | 4.39 | 4.30 | 4.22 | 4.16 | 4.05 | 3.97 | 3.86 | 3.78 | 3.70 | 3.62 | 3.57 | 3.50 | 3.47 | 3.41 | 3.38 | 3.36 | 14 | | | | | | | | |
| 15 | 4.67 | 3.81 | 3.41 | 3.18 | 3.03 | 2.92 | 2.83 | 2.77 | 2.71 | 2.67 | 2.63 | 2.60 | 2.55 | 2.51 | 2.46 | 2.42 | 2.38 | 2.34 | 2.31 | 2.28 | 2.26 | 2.23 | 2.22 | 2.21 | 15 | | | | | | | | |
| 16 | 9.07 | 6.70 | 5.74 | 5.21 | 4.86 | 4.62 | 4.44 | 4.30 | 4.19 | 4.10 | 4.02 | 3.96 | 3.86 | 3.78 | 3.66 | 3.59 | 3.51 | 3.43 | 3.38 | 3.31 | 3.27 | 3.22 | 3.19 | 3.17 | 16 | | | | | | | | |
| 17 | 4.60 | 3.74 | 3.34 | 3.11 | 2.96 | 2.85 | 2.76 | 2.70 | 2.65 | 2.60 | 2.57 | 2.53 | 2.48 | 2.44 | 2.39 | 2.35 | 2.31 | 2.27 | 2.24 | 2.21 | 2.19 | 2.16 | 2.14 | 2.13 | 17 | | | | | | | | |
| 18 | 8.86 | 6.51 | 5.56 | 5.04 | 4.69 | 4.46 | 4.28 | 4.14 | 4.03 | 3.94 | 3.86 | 3.80 | 3.70 | 3.62 | 3.51 | 3.43 | 3.35 | 3.27 | 3.22 | 3.15 | 3.11 | 3.06 | 3.03 | 3.00 | 18 | | | | | | | | |
| 19 | 4.54 | 3.68 | 3.29 | 3.06 | 2.90 | 2.79 | 2.71 | 2.64 | 2.59 | 2.54 | 2.51 | 2.48 | 2.42 | 2.38 | 2.33 | 2.29 | 2.25 | 2.20 | 2.18 | 2.14 | 2.12 | 2.10 | 2.08 | 2.07 | 19 | | | | | | | | |
| 20 | 8.68 | 6.36 | 5.42 | 4.89 | 4.56 | 4.32 | 4.14 | 4.00 | 3.89 | 3.80 | 3.73 | 3.67 | 3.56 | 3.49 | 3.37 | 3.29 | 3.21 | 3.13 | 3.08 | 3.01 | 2.98 | 2.92 | 2.89 | 2.87 | 20 | | | | | | | | |
| 21 | 4.49 | 3.63 | 3.24 | 3.01 | 2.85 | 2.74 | 2.66 | 2.59 | 2.54 | 2.49 | 2.46 | 2.42 | 2.37 | 2.33 | 2.28 | 2.24 | 2.19 | 2.15 | 2.12 | 2.09 | 2.07 | 2.04 | 2.02 | 2.01 | 21 | | | | | | | | |
| 22 | 8.53 | 6.23 | 5.29 | 4.77 | 4.44 | 4.20 | 4.03 | 3.89 | 3.78 | 3.69 | 3.62 | 3.55 | 3.45 | 3.37 | 3.26 | 3.18 | 3.10 | 3.02 | 2.97 | 2.90 | 2.86 | 2.81 | 2.78 | 2.75 | 22 | | | | | | | | |
| 23 | 4.45 | 3.59 | 3.20 | 2.96 | 2.81 | 2.70 | 2.61 | 2.55 | 2.49 | 2.45 | 2.41 | 2.38 | 2.33 | 2.29 | 2.23 | 2.19 | 2.15 | 2.10 | 2.08 | 2.04 | 2.02 | 1.99 | 1.97 | 1.96 | 23 | | | | | | | | |
| 24 | 8.40 | 6.11 | 5.19 | 4.67 | 4.34 | 4.10 | 3.93 | 3.79 | 3.68 | 3.59 | 3.52 | 3.46 | 3.35 | 3.27 | 3.16 | 3.08 | 3.00 | 2.92 | 2.87 | 2.80 | 2.76 | 2.71 | 2.68 | 2.65 | 24 | | | | | | | | |
| 25 | 4.41 | 3.55 | 3.16 | 2.93 | 2.77 | 2.66 | 2.58 | 2.51 | 2.46 | 2.41 | 2.37 | 2.34 | 2.29 | 2.25 | 2.19 | 2.15 | 2.11 | 2.06 | 2.04 | 2.00 | 1.98 | 1.95 | 1.93 | 1.92 | 25 | | | | | | | | |
| 26 | 8.29 | 6.01 | 5.09 | 4.58 | 4.25 | 4.01 | 3.84 | 3.71 | 3.60 | 3.51 | 3.43 | 3.37 | 3.27 | 3.19 | 3.08 | 3.00 | 2.92 | 2.84 | 2.78 | 2.71 | 2.68 | 2.62 | 2.59 | 2.57 | 26 | | | | | | | | |
| 27 | 4.38 | 3.52 | 3.13 | 2.90 | 2.74 | 2.63 | 2.54 | 2.48 | 2.42 | 2.38 | 2.34 | 2.31 | 2.26 | 2.21 | 2.16 | 2.11 | 2.07 | 2.03 | 1.98 | 1.94 | 1.91 | 1.88 | 1.86 | 1.84 | 27 | | | | | | | | |
| 28 | 8.18 | 5.93 | 5.01 | 4.50 | 4.17 | 3.94 | 3.77 | 3.63 | 3.52 | 3.43 | 3.36 | 3.30 | 3.19 | 3.12 | 3.00 | 2.92 | 2.84 | 2.76 | 2.70 | 2.64 | 2.57 | 2.54 | 2.48 | 2.44 | 28 | | | | | | | | |
| 29 | 4.35 | 3.49 | 3.10 | 2.87 | 2.71 | 2.60 | 2.51 | 2.45 | 2.39 | 2.35 | 2.31 | 2.28 | 2.22 | 2.18 | 2.12 | 2.08 | 2.04 | 1.99 | 1.97 | 1.93 | 1.91 | 1.88 | 1.86 | 1.84 | 29 | | | | | | | | |
| 30 | 8.10 | 5.85 | 4.94 | 4.43 | 4.10 | 3.87 | 3.70 | 3.56 | 3.46 | 3.37 | 3.29 | 3.23 | 3.13 | 3.05 | 2.94 | 2.86 | 2.78 | 2.69 | 2.64 | 2.57 | 2.54 | 2.48 | 2.44 | 2.42 | 30 | | | | | | | | |
| 31 | 4.32 | 3.47 | 3.07 | 2.84 | 2.68 | 2.57 | 2.49 | 2.42 | 2.37 | 2.32 | 2.28 | 2.25 | 2.20 | 2.16 | 2.10 | 2.05 | 2.01 | 1.96 | 1.94 | 1.90 | 1.88 | 1.84 | 1.83 | 1.81 | 31 | | | | | | | | |
| 32 | 8.02 | 5.78 | 4.87 | 4.37 | 4.04 | 3.81 | 3.64 | 3.51 | 3.40 | 3.31 | 3.24 | 3.17 | 3.07 | 2.99 | 2.88 | 2.80 | 2.72 | 2.64 | 2.58 | 2.51 | 2.48 | 2.42 | 2.38 | 2.36 | 32 | | | | | | | | |
| 33 | 4.30 | 3.44 | 3.05 | 2.82 | 2.66 | 2.55 | 2.46 | 2.40 | 2.34 | 2.30 | 2.26 | 2.23 | 2.17 | 2.13 | 2.07 | 2.03 | 1.98 | 1.94 | 1.91 | 1.87 | 1.85 | 1.82 | 1.80 | 1.78 | 33 | | | | | | | | |
| 34 | 7.95 | 5.72 | 4.82 | 4.31 | 3.99 | 3.76 | 3.59 | 3.45 | 3.35 | 3.26 | 3.18 | 3.12 | 3.02 | 2.94 | 2.83 | 2.75 | 2.67 | 2.58 | 2.53 | 2.46 | 2.42 | 2.36 | 2.33 | 2.31 | 34 | | | | | | | | |
| 35 | 4.28 | 3.42 | 3.03 | 2.80 | 2.64 | 2.53 | 2.44 | 2.37 | 2.32 | 2.27 | 2.24 | 2.20 | 2.15 | 2.11 | 2.05 | 2.01 | 1.96 | 1.91 | 1.88 | 1.84 | 1.82 | 1.79 | 1.77 | 1.76 | 35 | | | | | | | | |
| 36 | 7.88 | 5.66 | 4.76 | 4.26 | 3.94 | 3.71 | 3.54 | 3.41 | 3.30 | 3.21 | 3.14 | 3.07 | 2.97 | 2.89 | 2.78 | 2.70 | 2.62 | 2.54 | 2.48 | 2.41 | 2.37 | 2.32 | 2.28 | 2.26 | 36 | | | | | | | | |
| 37 | 4.26 | 3.40 | 3.01 | 2.78 | 2.62 | 2.51 | 2.42 | 2.36 | 2.30 | 2.25 | 2.22 | 2.18 | 2.13 | 2.09 | 2.03 | 1.98 | 1.94 | 1.89 | 1.86 | 1.82 | 1.80 | 1.77 | 1.75 | 1.73 | 37 | | | | | | | | |
| 38 | 7.82 | 5.61 | 4.72 | 4.22 | 3.90 | 3.67 | 3.50 | 3.36 | 3.26 | 3.17 | 3.09 | 3.03 | 2.93 | 2.85 | 2.74 | 2.66 | 2.58 | 2.49 | 2.44 | 2.37 | 2.33 | 2.27 | 2.24 | 2.21 | 38 | | | | | | | | |
| 39 | 4.24 | 3.39 | 2.99 | 2.76 | 2.60 | 2.49 | 2.40 | 2.34 | 2.28 | 2.24 | 2.20 | 2.16 | 2.11 | 2.07 | 2.01 | 1.96 | 1.92 | 1.87 | 1.84 | 1.80 | 1.78 | 1.75 | 1.73 | 1.71 | 39 | | | | | | | | |
| 40 | 7.77 | 5.57 | 4.68 | 4.18 | 3.85 | 3.63 | 3.46 | 3.32 | 3.22 | 3.13 | 3.06 | 2.99 | 2.89 | 2.81 | 2.70 | 2.62 | 2.54 | 2.45 | 2.40 | 2.33 | 2.29 | 2.23 | 2.19 | 2.17 | 40 | | | | | | | | |
| 41 | 4.23 | 3.37 | 2.98 | 2.74 | 2.59 | 2.47 | 2.39 | 2.32 | 2.27 | 2.22 | 2.18 | 2.15 | 2.09 | 2.05 | 1.99 | 1.95 | 1.90 | 1.85 | 1.82 | 1.78 | 1.76 | 1.73 | 1.71 | 1.69 | 41 | | | | | | | | |
| 42 | 7.72 | 5.53 | 4.64 | 4.14 | 3.82 | 3.59 | 3.42 | 3.29 | 3.18 | 3.09 | 3.02 | 2.96 | 2.86 | 2.78 | 2.66 | 2.58 | 2.50 | 2.42 | 2.36 | 2.29 | 2.25 | 2.19 | 2.16 | 2.13 | 42 | | | | | | | | |
| 43 | 4.21 | 3.35 | 2.96 | 2.73 | 2.57 | 2.46 | 2.37 | 2.31 | 2.25 | 2.20 | 2.17 | 2.13 | 2.08 | 2.04 | 1.97 | 1.93 | 1.88 | 1.84 | 1.81 | 1.76 | 1.74 | 1.71 | 1.69 | 1.67 | 43 | | | | | | | | |
| 44 | 7.68 | 5.49 | 4.60 | 4.11 | 3.78 | 3.56 | 3.39 | 3.26 | 3.15 | 3.06 | 2.99 | 2.93 | 2.82 | 2.75 | 2.63 | 2.55 | 2.47 | 2.38 | 2.33 | 2.26 | 2.22 | 2.16 | 2.12 | 2.10 | 44 | | | | | | | | |
| 45 | 4.20 | 3.34 | 2.95 | 2.71 | 2.56 | 2.45 | 2.36 | 2.29 | 2.24 | 2.19 | 2.15 | 2.12 | 2.06 | 2.02 | 1.96 | 1.91 | 1.87 | 1.82 | 1.79 | 1.75 | 1.73 | 1.69 | 1.67 | 1.65 | 45 | | | | | | | | |
| 46 | 7.64 | 5.45 | 4.57 | 4.07 | 3.75 | 3.53 | 3.36 | 3.23 | 3.12 | 3.03 | 2.96 | 2.90 | 2.79 | 2.72 | 2.60 | 2.52 | 2.44 | 2.35 | 2.30 | 2.23 | 2.19 | 2.13 | 2.09 | 2.06 | 46 | | | | | | | | |
| 47 | 4.18 | 3.33 | 2.93 | 2.70 | 2.55 | 2.43 | 2.35 | 2.28 | 2.22 | 2.18 | 2.14 | 2.10 | 2.05 | 2.01 | 1.94 | 1.90 | 1.85 | 1.81 | 1.77 | 1.73 | 1.71 | 1.67 | 1.65 | 1.64 | 47 | | | | | | | | |
| 48 | 7.60 | 5.42 | 4.54 | 4.04 | 3.73 | 3.50 | 3.33 | 3.20 | 3.09 | 3.00 | 2.93 | 2.87 | 2.69 | 2.69 | 2.57 | 2.49 | 2.41 | 2.33 | 2.27 | 2.20 | 2.16 | 2.10 | 2.06 | 2.03 | 48 | | | | | | | | |
| 49 | 4.17 | 3.32 | 2.92 | 2.69 | 2.53 | 2.42 | 2.33 | 2.27 | 2.21 | 2.16 | 2.13 | 2.09 | 2.04 | 1.99 | 1.93 | 1.89 | 1.84 | 1.79 | 1.76 | 1.72 | 1.70 | 1.66 | 1.64 | 1.62 | 49 | | | | | | | | |
| 50 | 7.56 | 5.39 | 4.51 | 4.02 | 3.70 | 3.47 | 3.30 | 3.17 | 3.07 | 2.98 | 2.91 | 2.84 | 2.74 | 2.66 | 2.55 | 2.47 | 2.39 | 2.30 | 2.25 | 2.17 | 2.13 | 2.07 | 2.03 | 2.01 | 50 | | | | | | | | |
| 51 | 4.15 | 3.29 | 2.90 | 2.67 | 2.51 | 2.40 | 2.31 | 2.24 | 2.19 | 2.14 | 2.10 | 2.07 | 2.01 | 1.97 | 1.91 | 1.86 | 1.82 | 1.77 | 1.74 | 1.69 | 1.67 | 1.63 | 1.61 | 1.59 | 51 | | | | | | | | |
| 52 | 7.50 | 5.34 | 4.46 | 3.97 | 3.65 | 3.43 | 3.26 | 3.13 | 3.02 | 2.93 | 2.86 | 2.80 | 2.70 | 2.62 | 2.50 | 2.42 | 2.34 | 2.25 | 2.20 | 2.12 | 2.08 | 2.02 | 1.98 | 1.96 | 52 | | | | | | | | |

| n_2 | 5% (normal) y 1% (negritas) puntos para la distribución de F n1 grados de libertad (para el mayor cuadrado medio) | | | | | | | | | | | | | | | | | | | | n_2 | | | | |
|-------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 14 | 16 | 20 | 24 | 30 | 40 | 50 | 75 | | 100 | 200 | 500 | ∞ |
| 34 | 4.13 | 3.28 | 2.88 | 2.65 | 2.49 | 2.38 | 2.29 | 2.23 | 2.17 | 2.12 | 2.08 | 2.05 | 1.99 | 1.95 | 1.89 | 1.84 | 1.80 | 1.75 | 1.71 | 1.67 | 1.65 | 1.61 | 1.59 | 1.57 | 34 |
| 36 | 7.44 | 5.29 | 4.42 | 3.93 | 3.61 | 3.39 | 3.22 | 3.09 | 2.98 | 2.89 | 2.82 | 2.76 | 2.66 | 2.58 | 2.46 | 2.38 | 2.30 | 2.21 | 2.16 | 2.08 | 2.04 | 1.98 | 1.94 | 1.91 | 36 |
| 38 | 4.11 | 3.26 | 2.87 | 2.63 | 2.48 | 2.36 | 2.28 | 2.21 | 2.15 | 2.11 | 2.07 | 2.03 | 1.98 | 1.93 | 1.87 | 1.82 | 1.78 | 1.73 | 1.69 | 1.65 | 1.62 | 1.59 | 1.56 | 1.55 | 38 |
| 40 | 7.40 | 5.25 | 4.38 | 3.89 | 3.57 | 3.35 | 3.18 | 3.05 | 2.95 | 2.86 | 2.79 | 2.72 | 2.62 | 2.54 | 2.43 | 2.35 | 2.26 | 2.18 | 2.12 | 2.04 | 2.00 | 1.94 | 1.90 | 1.87 | 40 |
| 42 | 4.10 | 3.24 | 2.85 | 2.62 | 2.46 | 2.35 | 2.26 | 2.19 | 2.14 | 2.09 | 2.05 | 2.02 | 1.96 | 1.92 | 1.85 | 1.81 | 1.76 | 1.71 | 1.68 | 1.63 | 1.61 | 1.57 | 1.54 | 1.53 | 42 |
| 44 | 7.35 | 5.21 | 4.34 | 3.86 | 3.54 | 3.32 | 3.15 | 3.02 | 2.92 | 2.83 | 2.75 | 2.69 | 2.59 | 2.51 | 2.40 | 2.32 | 2.23 | 2.14 | 2.09 | 2.01 | 1.97 | 1.90 | 1.86 | 1.84 | 44 |
| 46 | 4.08 | 3.23 | 2.84 | 2.61 | 2.45 | 2.34 | 2.25 | 2.18 | 2.12 | 2.08 | 2.04 | 2.00 | 1.95 | 1.90 | 1.84 | 1.79 | 1.74 | 1.69 | 1.66 | 1.61 | 1.59 | 1.55 | 1.53 | 1.51 | 46 |
| 48 | 7.31 | 5.18 | 4.31 | 3.83 | 3.51 | 3.29 | 3.12 | 2.99 | 2.89 | 2.80 | 2.73 | 2.66 | 2.56 | 2.48 | 2.37 | 2.29 | 2.20 | 2.11 | 2.06 | 1.98 | 1.94 | 1.87 | 1.83 | 1.81 | 48 |
| 50 | 4.07 | 3.22 | 2.83 | 2.59 | 2.44 | 2.32 | 2.24 | 2.17 | 2.11 | 2.06 | 2.03 | 1.99 | 1.94 | 1.89 | 1.83 | 1.78 | 1.73 | 1.68 | 1.65 | 1.60 | 1.57 | 1.53 | 1.51 | 1.49 | 50 |
| 55 | 7.28 | 5.15 | 4.29 | 3.80 | 3.49 | 3.27 | 3.10 | 2.97 | 2.86 | 2.78 | 2.70 | 2.64 | 2.54 | 2.46 | 2.34 | 2.26 | 2.18 | 2.09 | 2.03 | 1.95 | 1.91 | 1.85 | 1.80 | 1.78 | 55 |
| 60 | 4.06 | 3.21 | 2.82 | 2.58 | 2.43 | 2.31 | 2.23 | 2.16 | 2.10 | 2.05 | 2.01 | 1.98 | 1.92 | 1.88 | 1.81 | 1.77 | 1.72 | 1.67 | 1.63 | 1.59 | 1.56 | 1.52 | 1.49 | 1.48 | 60 |
| 65 | 7.25 | 5.12 | 4.26 | 3.78 | 3.47 | 3.24 | 3.08 | 2.95 | 2.84 | 2.75 | 2.68 | 2.62 | 2.52 | 2.44 | 2.32 | 2.24 | 2.15 | 2.07 | 2.01 | 1.93 | 1.89 | 1.82 | 1.78 | 1.75 | 65 |
| 70 | 4.05 | 3.20 | 2.81 | 2.57 | 2.42 | 2.30 | 2.22 | 2.15 | 2.09 | 2.04 | 2.00 | 1.97 | 1.91 | 1.87 | 1.80 | 1.76 | 1.71 | 1.65 | 1.62 | 1.57 | 1.55 | 1.51 | 1.48 | 1.46 | 70 |
| 80 | 7.22 | 5.10 | 4.24 | 3.76 | 3.44 | 3.22 | 3.06 | 2.93 | 2.82 | 2.73 | 2.66 | 2.60 | 2.50 | 2.42 | 2.30 | 2.22 | 2.13 | 2.04 | 1.99 | 1.91 | 1.86 | 1.80 | 1.76 | 1.73 | 80 |
| 100 | 4.04 | 3.19 | 2.80 | 2.57 | 2.41 | 2.29 | 2.21 | 2.14 | 2.08 | 2.03 | 1.99 | 1.96 | 1.90 | 1.86 | 1.79 | 1.75 | 1.70 | 1.64 | 1.61 | 1.56 | 1.54 | 1.49 | 1.47 | 1.45 | 100 |
| 125 | 7.19 | 5.08 | 4.22 | 3.74 | 3.43 | 3.20 | 3.04 | 2.91 | 2.80 | 2.71 | 2.64 | 2.58 | 2.48 | 2.40 | 2.28 | 2.20 | 2.12 | 2.02 | 1.97 | 1.89 | 1.84 | 1.78 | 1.73 | 1.70 | 125 |
| 150 | 4.03 | 3.18 | 2.79 | 2.56 | 2.40 | 2.29 | 2.20 | 2.13 | 2.07 | 2.03 | 1.99 | 1.95 | 1.89 | 1.85 | 1.78 | 1.74 | 1.69 | 1.63 | 1.60 | 1.55 | 1.52 | 1.48 | 1.46 | 1.44 | 150 |
| 200 | 7.17 | 5.06 | 4.20 | 3.72 | 3.41 | 3.19 | 3.02 | 2.89 | 2.78 | 2.70 | 2.63 | 2.56 | 2.46 | 2.38 | 2.27 | 2.18 | 2.10 | 2.01 | 1.95 | 1.87 | 1.82 | 1.76 | 1.71 | 1.68 | 200 |
| 300 | 4.02 | 3.16 | 2.77 | 2.54 | 2.38 | 2.27 | 2.18 | 2.11 | 2.06 | 2.01 | 1.97 | 1.93 | 1.88 | 1.83 | 1.76 | 1.72 | 1.67 | 1.61 | 1.58 | 1.53 | 1.50 | 1.46 | 1.43 | 1.41 | 300 |
| 400 | 7.12 | 5.01 | 4.16 | 3.68 | 3.37 | 3.15 | 2.98 | 2.85 | 2.75 | 2.66 | 2.59 | 2.53 | 2.42 | 2.34 | 2.23 | 2.15 | 2.06 | 1.97 | 1.91 | 1.83 | 1.78 | 1.71 | 1.67 | 1.64 | 400 |
| 500 | 4.00 | 3.15 | 2.76 | 2.53 | 2.37 | 2.25 | 2.17 | 2.10 | 2.04 | 1.99 | 1.95 | 1.92 | 1.86 | 1.82 | 1.75 | 1.70 | 1.65 | 1.59 | 1.56 | 1.51 | 1.48 | 1.44 | 1.41 | 1.39 | 500 |
| 600 | 7.08 | 4.98 | 4.13 | 3.65 | 3.34 | 3.12 | 2.95 | 2.82 | 2.72 | 2.63 | 2.56 | 2.50 | 2.39 | 2.31 | 2.20 | 2.12 | 2.03 | 1.94 | 1.88 | 1.79 | 1.75 | 1.68 | 1.63 | 1.60 | 600 |
| 700 | 3.99 | 3.14 | 2.75 | 2.51 | 2.36 | 2.24 | 2.15 | 2.08 | 2.03 | 1.98 | 1.94 | 1.90 | 1.85 | 1.80 | 1.73 | 1.69 | 1.63 | 1.58 | 1.54 | 1.49 | 1.46 | 1.42 | 1.39 | 1.37 | 700 |
| 800 | 7.04 | 4.95 | 4.10 | 3.62 | 3.31 | 3.09 | 2.93 | 2.80 | 2.69 | 2.61 | 2.53 | 2.47 | 2.37 | 2.29 | 2.17 | 2.09 | 2.00 | 1.91 | 1.85 | 1.77 | 1.72 | 1.65 | 1.60 | 1.57 | 800 |
| 900 | 3.98 | 3.13 | 2.74 | 2.50 | 2.35 | 2.23 | 2.14 | 2.07 | 2.02 | 1.97 | 1.93 | 1.89 | 1.84 | 1.79 | 1.72 | 1.67 | 1.62 | 1.57 | 1.53 | 1.48 | 1.45 | 1.40 | 1.37 | 1.35 | 900 |
| 1000 | 7.01 | 4.92 | 4.07 | 3.60 | 3.29 | 3.07 | 2.91 | 2.78 | 2.67 | 2.59 | 2.51 | 2.45 | 2.35 | 2.27 | 2.15 | 2.07 | 1.98 | 1.89 | 1.83 | 1.74 | 1.70 | 1.62 | 1.57 | 1.54 | 1000 |
| 1250 | 3.96 | 3.11 | 2.72 | 2.49 | 2.33 | 2.21 | 2.13 | 2.06 | 2.00 | 1.95 | 1.91 | 1.88 | 1.82 | 1.77 | 1.70 | 1.65 | 1.60 | 1.54 | 1.51 | 1.45 | 1.43 | 1.38 | 1.35 | 1.33 | 1250 |
| 1500 | 6.96 | 4.88 | 4.04 | 3.56 | 3.26 | 3.04 | 2.87 | 2.74 | 2.64 | 2.55 | 2.48 | 2.42 | 2.31 | 2.23 | 2.12 | 2.03 | 1.94 | 1.85 | 1.79 | 1.70 | 1.65 | 1.58 | 1.53 | 1.50 | 1500 |
| 2000 | 3.94 | 3.09 | 2.70 | 2.46 | 2.31 | 2.19 | 2.10 | 2.03 | 1.97 | 1.93 | 1.89 | 1.85 | 1.79 | 1.75 | 1.68 | 1.63 | 1.57 | 1.52 | 1.48 | 1.42 | 1.39 | 1.34 | 1.31 | 1.28 | 2000 |
| 3000 | 6.90 | 4.82 | 3.98 | 3.51 | 3.21 | 2.99 | 2.82 | 2.69 | 2.59 | 2.50 | 2.43 | 2.37 | 2.27 | 2.19 | 2.07 | 1.98 | 1.89 | 1.80 | 1.74 | 1.65 | 1.60 | 1.52 | 1.47 | 1.43 | 3000 |
| 4000 | 3.92 | 3.07 | 2.68 | 2.44 | 2.29 | 2.17 | 2.08 | 2.01 | 1.96 | 1.91 | 1.87 | 1.83 | 1.77 | 1.73 | 1.66 | 1.60 | 1.55 | 1.49 | 1.45 | 1.40 | 1.36 | 1.31 | 1.27 | 1.25 | 4000 |
| 5000 | 6.84 | 4.78 | 3.94 | 3.47 | 3.17 | 2.95 | 2.79 | 2.66 | 2.55 | 2.47 | 2.39 | 2.33 | 2.23 | 2.15 | 2.03 | 1.94 | 1.85 | 1.76 | 1.69 | 1.60 | 1.55 | 1.47 | 1.41 | 1.37 | 5000 |
| 6000 | 3.90 | 3.06 | 2.66 | 2.43 | 2.27 | 2.16 | 2.07 | 2.00 | 1.94 | 1.89 | 1.85 | 1.82 | 1.76 | 1.71 | 1.64 | 1.59 | 1.54 | 1.48 | 1.44 | 1.38 | 1.34 | 1.29 | 1.25 | 1.22 | 6000 |
| 8000 | 6.81 | 4.75 | 3.91 | 3.45 | 3.14 | 2.92 | 2.76 | 2.63 | 2.53 | 2.44 | 2.37 | 2.31 | 2.20 | 2.12 | 2.00 | 1.92 | 1.83 | 1.73 | 1.66 | 1.57 | 1.52 | 1.43 | 1.38 | 1.33 | 8000 |
| 10000 | 3.89 | 3.04 | 2.65 | 2.42 | 2.26 | 2.14 | 2.06 | 1.98 | 1.93 | 1.88 | 1.84 | 1.80 | 1.74 | 1.69 | 1.62 | 1.57 | 1.52 | 1.46 | 1.41 | 1.35 | 1.32 | 1.26 | 1.22 | 1.19 | 10000 |
| 15000 | 6.76 | 4.71 | 3.88 | 3.41 | 3.11 | 2.89 | 2.73 | 2.60 | 2.50 | 2.41 | 2.34 | 2.27 | 2.17 | 2.09 | 1.97 | 1.89 | 1.79 | 1.69 | 1.63 | 1.53 | 1.48 | 1.39 | 1.33 | 1.28 | 15000 |
| 20000 | 3.86 | 3.02 | 2.63 | 2.39 | 2.24 | 2.12 | 2.03 | 1.96 | 1.90 | 1.85 | 1.81 | 1.78 | 1.72 | 1.67 | 1.60 | 1.54 | 1.49 | 1.42 | 1.38 | 1.32 | 1.28 | 1.22 | 1.17 | 1.13 | 20000 |
| 30000 | 6.70 | 4.66 | 3.83 | 3.37 | 3.06 | 2.85 | 2.68 | 2.56 | 2.45 | 2.37 | 2.29 | 2.23 | 2.13 | 2.05 | 1.92 | 1.84 | 1.75 | 1.64 | 1.58 | 1.48 | 1.42 | 1.32 | 1.25 | 1.19 | 30000 |
| 40000 | 3.85 | 3.00 | 2.61 | 2.38 | 2.22 | 2.11 | 2.02 | 1.95 | 1.89 | 1.84 | 1.80 | 1.76 | 1.70 | 1.65 | 1.58 | 1.53 | 1.47 | 1.41 | 1.36 | 1.30 | 1.26 | 1.19 | 1.13 | 1.08 | 40000 |
| 50000 | 6.66 | 4.63 | 3.80 | 3.34 | 3.04 | 2.82 | 2.66 | 2.53 | 2.43 | 2.34 | 2.27 | 2.20 | 2.10 | 2.02 | 1.90 | 1.81 | 1.72 | 1.61 | 1.54 | 1.44 | 1.38 | 1.28 | 1.19 | 1.12 | 50000 |
| 60000 | 3.84 | 3.00 | 2.60 | 2.37 | 2.21 | 2.10 | 2.01 | 1.94 | 1.88 | 1.83 | 1.79 | 1.75 | 1.69 | 1.64 | 1.57 | 1.52 | 1.46 | 1.39 | 1.35 | 1.28 | 1.24 | 1.17 | 1.11 | 1.00 | 60000 |
| 80000 | 6.63 | 4.61 | 3.78 | 3.32 | 3.02 | 2.80 | 2.64 | 2.51 | 2.41 | 2.32 | 2.25 | 2.18 | 2.08 | 2.00 | 1.88 | 1.79 | 1.70 | 1.59 | 1.52 | 1.42 | 1.36 | 1.25 | 1.15 | 1.00 | 80000 |

TABLA 5: PROBABILIDADES BINOMIALES

| n | k | p | | | | | | | | | |
|-----|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 0.05 | 0.10 | 0.15 | 0.20 | 0.25 | 0.30 | 0.35 | 0.40 | 0.45 | 0.50 |
| 1 | 0 | 0.9500 | 0.9000 | 0.8500 | 0.8000 | 0.7500 | 0.7000 | 0.6500 | 0.6000 | 0.5500 | 0.5000 |
| 1 | 1 | 0.0500 | 0.1000 | 0.1500 | 0.2000 | 0.2500 | 0.3000 | 0.3500 | 0.4000 | 0.4500 | 0.5000 |
| 2 | 0 | 0.9025 | 0.8100 | 0.7225 | 0.6400 | 0.5625 | 0.4900 | 0.4225 | 0.3600 | 0.3025 | 0.2500 |
| 2 | 1 | 0.0950 | 0.1800 | 0.2550 | 0.3200 | 0.3750 | 0.4200 | 0.4550 | 0.4800 | 0.4950 | 0.5000 |
| 2 | 2 | 0.0025 | 0.0100 | 0.0225 | 0.0400 | 0.0625 | 0.0900 | 0.1225 | 0.1600 | 0.2025 | 0.2500 |
| 3 | 0 | 0.8574 | 0.7290 | 0.6141 | 0.5120 | 0.4219 | 0.3430 | 0.2746 | 0.2160 | 0.1664 | 0.1250 |
| 3 | 1 | 0.1354 | 0.2430 | 0.3251 | 0.3840 | 0.4219 | 0.4410 | 0.4436 | 0.4320 | 0.4084 | 0.3750 |
| 3 | 2 | 0.0071 | 0.0270 | 0.0574 | 0.0960 | 0.1406 | 0.1890 | 0.2389 | 0.2880 | 0.3341 | 0.3750 |
| 3 | 3 | 0.0001 | 0.0010 | 0.0034 | 0.0080 | 0.0156 | 0.0270 | 0.0429 | 0.0640 | 0.0911 | 0.1250 |
| 4 | 0 | 0.8145 | 0.6561 | 0.5220 | 0.4096 | 0.3164 | 0.2401 | 0.1785 | 0.1296 | 0.0915 | 0.0625 |
| 4 | 1 | 0.1715 | 0.2916 | 0.3685 | 0.4096 | 0.4219 | 0.4116 | 0.3845 | 0.3456 | 0.2995 | 0.2500 |
| 4 | 2 | 0.0135 | 0.0486 | 0.0975 | 0.1536 | 0.2109 | 0.2646 | 0.3105 | 0.3456 | 0.3675 | 0.3750 |
| 4 | 3 | 0.0005 | 0.0036 | 0.0115 | 0.0256 | 0.0469 | 0.0756 | 0.1115 | 0.1536 | 0.2005 | 0.2500 |
| 4 | 4 | 0.0000 | 0.0001 | 0.0005 | 0.0016 | 0.0039 | 0.0081 | 0.0150 | 0.0256 | 0.0410 | 0.0625 |
| 5 | 0 | 0.7738 | 0.5905 | 0.4437 | 0.3277 | 0.2373 | 0.1681 | 0.1160 | 0.0778 | 0.0503 | 0.0313 |
| 5 | 1 | 0.2036 | 0.3281 | 0.3915 | 0.4096 | 0.3955 | 0.3602 | 0.3124 | 0.2592 | 0.2059 | 0.1563 |
| 5 | 2 | 0.0214 | 0.0729 | 0.1382 | 0.2048 | 0.2637 | 0.3087 | 0.3364 | 0.3456 | 0.3369 | 0.3125 |
| 5 | 3 | 0.0011 | 0.0081 | 0.0244 | 0.0512 | 0.0879 | 0.1323 | 0.1811 | 0.2304 | 0.2757 | 0.3125 |
| 5 | 4 | 0.0000 | 0.0005 | 0.0022 | 0.0064 | 0.0146 | 0.0284 | 0.0488 | 0.0768 | 0.1128 | 0.1563 |
| 5 | 5 | 0.0000 | 0.0000 | 0.0001 | 0.0003 | 0.0010 | 0.0024 | 0.0053 | 0.0102 | 0.0185 | 0.0313 |
| 6 | 0 | 0.7351 | 0.5314 | 0.3771 | 0.2621 | 0.1780 | 0.1176 | 0.0754 | 0.0467 | 0.0277 | 0.0156 |
| 6 | 1 | 0.2321 | 0.3543 | 0.3993 | 0.3932 | 0.3560 | 0.3025 | 0.2437 | 0.1866 | 0.1359 | 0.0938 |
| 6 | 2 | 0.0305 | 0.0984 | 0.1762 | 0.2458 | 0.2966 | 0.3241 | 0.3280 | 0.3110 | 0.2780 | 0.2344 |
| 6 | 3 | 0.0021 | 0.0146 | 0.0415 | 0.0819 | 0.1318 | 0.1852 | 0.2355 | 0.2765 | 0.3032 | 0.3125 |
| 6 | 4 | 0.0001 | 0.0012 | 0.0055 | 0.0154 | 0.0330 | 0.0595 | 0.0951 | 0.1382 | 0.1861 | 0.2344 |
| 6 | 5 | 0.0000 | 0.0001 | 0.0004 | 0.0015 | 0.0044 | 0.0102 | 0.0205 | 0.0369 | 0.0609 | 0.0938 |
| 6 | 6 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0002 | 0.0007 | 0.0018 | 0.0041 | 0.0083 | 0.0156 |
| 7 | 0 | 0.6983 | 0.4783 | 0.3206 | 0.2097 | 0.1335 | 0.0824 | 0.0490 | 0.0280 | 0.0152 | 0.0078 |
| 7 | 1 | 0.2573 | 0.3720 | 0.3960 | 0.3670 | 0.3115 | 0.2471 | 0.1848 | 0.1306 | 0.0872 | 0.0547 |
| 7 | 2 | 0.0406 | 0.1240 | 0.2097 | 0.2753 | 0.3115 | 0.3177 | 0.2985 | 0.2613 | 0.2140 | 0.1641 |
| 7 | 3 | 0.0036 | 0.0230 | 0.0617 | 0.1147 | 0.1730 | 0.2269 | 0.2679 | 0.2903 | 0.2918 | 0.2734 |
| 7 | 4 | 0.0002 | 0.0026 | 0.0109 | 0.0287 | 0.0577 | 0.0972 | 0.1442 | 0.1935 | 0.2388 | 0.2734 |
| 7 | 5 | 0.0000 | 0.0002 | 0.0012 | 0.0043 | 0.0115 | 0.0250 | 0.0466 | 0.0774 | 0.1172 | 0.1641 |
| 7 | 6 | 0.0000 | 0.0000 | 0.0001 | 0.0004 | 0.0013 | 0.0036 | 0.0084 | 0.0172 | 0.0320 | 0.0547 |
| 7 | 7 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0002 | 0.0006 | 0.0016 | 0.0037 | 0.0078 |
| 8 | 0 | 0.6634 | 0.4305 | 0.2725 | 0.1678 | 0.1001 | 0.0576 | 0.0319 | 0.0168 | 0.0084 | 0.0039 |
| 8 | 1 | 0.2793 | 0.3826 | 0.3847 | 0.3355 | 0.2670 | 0.1977 | 0.1373 | 0.0896 | 0.0548 | 0.0313 |
| 8 | 2 | 0.0515 | 0.1488 | 0.2376 | 0.2936 | 0.3115 | 0.2965 | 0.2587 | 0.2090 | 0.1569 | 0.1094 |
| 8 | 3 | 0.0054 | 0.0331 | 0.0839 | 0.1468 | 0.2076 | 0.2541 | 0.2786 | 0.2787 | 0.2568 | 0.2188 |
| 8 | 4 | 0.0004 | 0.0046 | 0.0185 | 0.0459 | 0.0865 | 0.1361 | 0.1875 | 0.2322 | 0.2627 | 0.2734 |
| 8 | 5 | 0.0000 | 0.0004 | 0.0026 | 0.0092 | 0.0231 | 0.0467 | 0.0808 | 0.1239 | 0.1719 | 0.2188 |
| 8 | 6 | 0.0000 | 0.0000 | 0.0002 | 0.0011 | 0.0038 | 0.0100 | 0.0217 | 0.0413 | 0.0703 | 0.1094 |
| 8 | 7 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0004 | 0.0012 | 0.0033 | 0.0079 | 0.0164 | 0.0313 |
| 8 | 8 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0002 | 0.0007 | 0.0017 | 0.0039 |

TABLA 5 (CONTINUACIÓN)

| <i>n</i> | <i>k</i> | <i>p</i> | | | | | | | | | |
|----------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 0.05 | 0.10 | 0.15 | 0.20 | 0.25 | 0.30 | 0.35 | 0.40 | 0.45 | 0.50 |
| 9 | 0 | 0.6302 | 0.3874 | 0.2316 | 0.1342 | 0.0751 | 0.0404 | 0.0207 | 0.0101 | 0.0046 | 0.0020 |
| 9 | 1 | 0.2985 | 0.3874 | 0.3679 | 0.3020 | 0.2253 | 0.1556 | 0.1004 | 0.0605 | 0.0339 | 0.0176 |
| 9 | 2 | 0.0629 | 0.1722 | 0.2597 | 0.3020 | 0.3003 | 0.2668 | 0.2162 | 0.1612 | 0.1110 | 0.0703 |
| 9 | 3 | 0.0077 | 0.0446 | 0.1069 | 0.1762 | 0.2336 | 0.2668 | 0.2716 | 0.2508 | 0.2119 | 0.1641 |
| 9 | 4 | 0.0006 | 0.0074 | 0.0283 | 0.0661 | 0.1168 | 0.1715 | 0.2194 | 0.2508 | 0.2600 | 0.2461 |
| 9 | 5 | 0.0000 | 0.0008 | 0.0050 | 0.0165 | 0.0389 | 0.0735 | 0.1181 | 0.1672 | 0.2128 | 0.2461 |
| 9 | 6 | 0.0000 | 0.0001 | 0.0006 | 0.0028 | 0.0087 | 0.0210 | 0.0424 | 0.0743 | 0.1160 | 0.1641 |
| 9 | 7 | 0.0000 | 0.0000 | 0.0000 | 0.0003 | 0.0012 | 0.0039 | 0.0098 | 0.0212 | 0.0407 | 0.0703 |
| 9 | 8 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0004 | 0.0013 | 0.0035 | 0.0083 | 0.0176 |
| 9 | 9 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0003 | 0.0008 | 0.0020 |
| 10 | 0 | 0.5987 | 0.3487 | 0.1969 | 0.1074 | 0.0563 | 0.0282 | 0.0135 | 0.0060 | 0.0025 | 0.0010 |
| 10 | 1 | 0.3151 | 0.3874 | 0.3474 | 0.2684 | 0.1877 | 0.1211 | 0.0725 | 0.0403 | 0.0207 | 0.0098 |
| 10 | 2 | 0.0746 | 0.1937 | 0.2759 | 0.3020 | 0.2816 | 0.2335 | 0.1757 | 0.1209 | 0.0763 | 0.0439 |
| 10 | 3 | 0.0105 | 0.0574 | 0.1298 | 0.2013 | 0.2503 | 0.2668 | 0.2522 | 0.2150 | 0.1665 | 0.1172 |
| 10 | 4 | 0.0010 | 0.0112 | 0.0401 | 0.0881 | 0.1460 | 0.2001 | 0.2377 | 0.2508 | 0.2384 | 0.2051 |
| 10 | 5 | 0.0001 | 0.0015 | 0.0085 | 0.0264 | 0.0584 | 0.1029 | 0.1536 | 0.2007 | 0.2340 | 0.2461 |
| 10 | 6 | 0.0000 | 0.0001 | 0.0012 | 0.0055 | 0.0162 | 0.0368 | 0.0689 | 0.1115 | 0.1596 | 0.2051 |
| 10 | 7 | 0.0000 | 0.0000 | 0.0001 | 0.0008 | 0.0031 | 0.0090 | 0.0212 | 0.0425 | 0.0746 | 0.1172 |
| 10 | 8 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0004 | 0.0014 | 0.0043 | 0.0106 | 0.0229 | 0.0439 |
| 10 | 9 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0016 | 0.0042 | 0.0098 |
| 10 | 10 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0003 | 0.0010 |
| 11 | 0 | 0.5688 | 0.3138 | 0.1673 | 0.0859 | 0.0422 | 0.0198 | 0.0088 | 0.0036 | 0.0014 | 0.0005 |
| 11 | 1 | 0.3293 | 0.3835 | 0.3248 | 0.2362 | 0.1549 | 0.0932 | 0.0518 | 0.0266 | 0.0125 | 0.0054 |
| 11 | 2 | 0.0867 | 0.2131 | 0.2866 | 0.2953 | 0.2581 | 0.1998 | 0.1395 | 0.0887 | 0.0513 | 0.0269 |
| 11 | 3 | 0.0137 | 0.0710 | 0.1517 | 0.2215 | 0.2581 | 0.2568 | 0.2254 | 0.1774 | 0.1259 | 0.0806 |
| 11 | 4 | 0.0014 | 0.0158 | 0.0536 | 0.1107 | 0.1721 | 0.2201 | 0.2428 | 0.2365 | 0.2060 | 0.1611 |
| 11 | 5 | 0.0001 | 0.0025 | 0.0132 | 0.0388 | 0.0803 | 0.1321 | 0.1830 | 0.2207 | 0.2360 | 0.2256 |
| 11 | 6 | 0.0000 | 0.0003 | 0.0023 | 0.0097 | 0.0268 | 0.0566 | 0.0985 | 0.1471 | 0.1931 | 0.2256 |
| 11 | 7 | 0.0000 | 0.0000 | 0.0003 | 0.0017 | 0.0064 | 0.0173 | 0.0379 | 0.0701 | 0.1128 | 0.1611 |
| 11 | 8 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0011 | 0.0037 | 0.0102 | 0.0234 | 0.0462 | 0.0806 |
| 11 | 9 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0018 | 0.0052 | 0.0126 | 0.0269 |
| 11 | 10 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0007 | 0.0021 | 0.0054 |
| 11 | 11 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0005 |
| 12 | 0 | 0.5404 | 0.2824 | 0.1422 | 0.0687 | 0.0317 | 0.0138 | 0.0057 | 0.0022 | 0.0008 | 0.0002 |
| 12 | 1 | 0.3413 | 0.3766 | 0.3012 | 0.2062 | 0.1267 | 0.0712 | 0.0368 | 0.0174 | 0.0075 | 0.0029 |
| 12 | 2 | 0.0988 | 0.2301 | 0.2924 | 0.2835 | 0.2323 | 0.1678 | 0.1088 | 0.0639 | 0.0339 | 0.0161 |
| 12 | 3 | 0.0173 | 0.0852 | 0.1720 | 0.2362 | 0.2581 | 0.2397 | 0.1954 | 0.1419 | 0.0923 | 0.0537 |
| 12 | 4 | 0.0021 | 0.0213 | 0.0683 | 0.1329 | 0.1936 | 0.2311 | 0.2367 | 0.2128 | 0.1700 | 0.1208 |
| 12 | 5 | 0.0002 | 0.0038 | 0.0193 | 0.0532 | 0.1032 | 0.1585 | 0.2039 | 0.2270 | 0.2225 | 0.1934 |
| 12 | 6 | 0.0000 | 0.0005 | 0.0040 | 0.0155 | 0.0401 | 0.0792 | 0.1281 | 0.1766 | 0.2124 | 0.2256 |
| 12 | 7 | 0.0000 | 0.0000 | 0.0006 | 0.0033 | 0.0115 | 0.0291 | 0.0591 | 0.1009 | 0.1489 | 0.1934 |
| 12 | 8 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0024 | 0.0078 | 0.0199 | 0.0420 | 0.0762 | 0.1208 |
| 12 | 9 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0004 | 0.0015 | 0.0048 | 0.0125 | 0.0277 | 0.0537 |
| 12 | 10 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0008 | 0.0025 | 0.0068 | 0.0161 |
| 12 | 11 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0003 | 0.0010 | 0.0029 |
| 12 | 12 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0002 |

TABLA 5 (CONTINUACIÓN)

| <i>n</i> | <i>k</i> | <i>p</i> | | | | | | | | | |
|----------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 0.05 | 0.10 | 0.15 | 0.20 | 0.25 | 0.30 | 0.35 | 0.40 | 0.45 | 0.50 |
| 13 | 0 | 0.5133 | 0.2542 | 0.1209 | 0.0550 | 0.0238 | 0.0097 | 0.0037 | 0.0013 | 0.0004 | 0.0001 |
| 13 | 1 | 0.3512 | 0.3672 | 0.2774 | 0.1787 | 0.1029 | 0.0540 | 0.0259 | 0.0113 | 0.0045 | 0.0016 |
| 13 | 2 | 0.1109 | 0.2448 | 0.2937 | 0.2680 | 0.2059 | 0.1388 | 0.0836 | 0.0453 | 0.0220 | 0.0095 |
| 13 | 3 | 0.0214 | 0.0997 | 0.1900 | 0.2457 | 0.2517 | 0.2181 | 0.1651 | 0.1107 | 0.0660 | 0.0349 |
| 13 | 4 | 0.0028 | 0.0277 | 0.0838 | 0.1535 | 0.2097 | 0.2337 | 0.2222 | 0.1845 | 0.1350 | 0.0873 |
| 13 | 5 | 0.0003 | 0.0055 | 0.0266 | 0.0691 | 0.1258 | 0.1803 | 0.2154 | 0.2214 | 0.1989 | 0.1571 |
| 13 | 6 | 0.0000 | 0.0008 | 0.0063 | 0.0230 | 0.0559 | 0.1030 | 0.1546 | 0.1968 | 0.2169 | 0.2095 |
| 13 | 7 | 0.0000 | 0.0001 | 0.0011 | 0.0058 | 0.0186 | 0.0442 | 0.0833 | 0.1312 | 0.1775 | 0.2095 |
| 13 | 8 | 0.0000 | 0.0000 | 0.0001 | 0.0011 | 0.0047 | 0.0142 | 0.0336 | 0.0656 | 0.1089 | 0.1571 |
| 13 | 9 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0009 | 0.0034 | 0.0101 | 0.0243 | 0.0495 | 0.0873 |
| 13 | 10 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0006 | 0.0022 | 0.0065 | 0.0162 | 0.0349 |
| 13 | 11 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0003 | 0.0012 | 0.0036 | 0.0095 |
| 13 | 12 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0016 |
| 13 | 13 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 |
| 14 | 0 | 0.4877 | 0.2288 | 0.1028 | 0.0440 | 0.0178 | 0.0068 | 0.0024 | 0.0008 | 0.0002 | 0.0001 |
| 14 | 1 | 0.3593 | 0.3559 | 0.2539 | 0.1539 | 0.0832 | 0.0407 | 0.0181 | 0.0073 | 0.0027 | 0.0009 |
| 14 | 2 | 0.1229 | 0.2570 | 0.2912 | 0.2501 | 0.1802 | 0.1134 | 0.0634 | 0.0317 | 0.0141 | 0.0056 |
| 14 | 3 | 0.0259 | 0.1142 | 0.2056 | 0.2501 | 0.2402 | 0.1943 | 0.1366 | 0.0845 | 0.0462 | 0.0222 |
| 14 | 4 | 0.0037 | 0.0349 | 0.0998 | 0.1720 | 0.2202 | 0.2290 | 0.2022 | 0.1549 | 0.1040 | 0.0611 |
| 14 | 5 | 0.0004 | 0.0078 | 0.0352 | 0.0860 | 0.1468 | 0.1963 | 0.2178 | 0.2066 | 0.1701 | 0.1222 |
| 14 | 6 | 0.0000 | 0.0013 | 0.0093 | 0.0322 | 0.0734 | 0.1262 | 0.1759 | 0.2066 | 0.2088 | 0.1833 |
| 14 | 7 | 0.0000 | 0.0002 | 0.0019 | 0.0092 | 0.0280 | 0.0618 | 0.1082 | 0.1574 | 0.1952 | 0.2095 |
| 14 | 8 | 0.0000 | 0.0000 | 0.0003 | 0.0020 | 0.0082 | 0.0232 | 0.0510 | 0.0918 | 0.1398 | 0.1833 |
| 14 | 9 | 0.0000 | 0.0000 | 0.0000 | 0.0003 | 0.0018 | 0.0066 | 0.0183 | 0.0408 | 0.0762 | 0.1222 |
| 14 | 10 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0003 | 0.0014 | 0.0049 | 0.0136 | 0.0312 | 0.0611 |
| 14 | 11 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0010 | 0.0033 | 0.0093 | 0.0222 |
| 14 | 12 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0019 | 0.0056 |
| 14 | 13 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0002 | 0.0009 |
| 14 | 14 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 |
| 15 | 0 | 0.4633 | 0.2059 | 0.0874 | 0.0352 | 0.0134 | 0.0047 | 0.0016 | 0.0005 | 0.0001 | 0.0000 |
| 15 | 1 | 0.3658 | 0.3432 | 0.2312 | 0.1319 | 0.0668 | 0.0305 | 0.0126 | 0.0047 | 0.0016 | 0.0005 |
| 15 | 2 | 0.1348 | 0.2669 | 0.2856 | 0.2309 | 0.1559 | 0.0916 | 0.0476 | 0.0219 | 0.0090 | 0.0032 |
| 15 | 3 | 0.0307 | 0.1285 | 0.2184 | 0.2501 | 0.2252 | 0.1700 | 0.1110 | 0.0634 | 0.0318 | 0.0139 |
| 15 | 4 | 0.0049 | 0.0428 | 0.1156 | 0.1876 | 0.2252 | 0.2186 | 0.1792 | 0.1268 | 0.0780 | 0.0417 |
| 15 | 5 | 0.0006 | 0.0105 | 0.0449 | 0.1032 | 0.1651 | 0.2061 | 0.2123 | 0.1859 | 0.1404 | 0.0916 |
| 15 | 6 | 0.0000 | 0.0019 | 0.0132 | 0.0430 | 0.0917 | 0.1472 | 0.1906 | 0.2066 | 0.1914 | 0.1527 |
| 15 | 7 | 0.0000 | 0.0003 | 0.0030 | 0.0138 | 0.0393 | 0.0811 | 0.1319 | 0.1771 | 0.2013 | 0.1964 |
| 15 | 8 | 0.0000 | 0.0000 | 0.0005 | 0.0035 | 0.0131 | 0.0348 | 0.0710 | 0.1181 | 0.1647 | 0.1964 |
| 15 | 9 | 0.0000 | 0.0000 | 0.0001 | 0.0007 | 0.0034 | 0.0116 | 0.0298 | 0.0612 | 0.1048 | 0.1527 |
| 15 | 10 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0007 | 0.0030 | 0.0096 | 0.0245 | 0.0515 | 0.0916 |
| 15 | 11 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0006 | 0.0024 | 0.0074 | 0.0191 | 0.0417 |
| 15 | 12 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0004 | 0.0016 | 0.0052 | 0.0139 |
| 15 | 13 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0003 | 0.0010 | 0.0032 |
| 15 | 14 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 |
| 15 | 15 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

| <i>n</i> | <i>k</i> | <i>p</i> | | | | | | | | | |
|----------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 0.05 | 0.10 | 0.15 | 0.20 | 0.25 | 0.30 | 0.35 | 0.40 | 0.45 | 0.50 |
| 16 | 0 | 0.4401 | 0.1853 | 0.0743 | 0.0281 | 0.0100 | 0.0033 | 0.0010 | 0.0003 | 0.0001 | 0.0000 |
| 16 | 1 | 0.3706 | 0.3294 | 0.2097 | 0.1126 | 0.0535 | 0.0228 | 0.0087 | 0.0030 | 0.0009 | 0.0002 |
| 16 | 2 | 0.1463 | 0.2745 | 0.2775 | 0.2111 | 0.1336 | 0.0732 | 0.0353 | 0.0150 | 0.0056 | 0.0018 |
| 16 | 3 | 0.0359 | 0.1423 | 0.2285 | 0.2463 | 0.2079 | 0.1465 | 0.0888 | 0.0468 | 0.0215 | 0.0085 |
| 16 | 4 | 0.0061 | 0.0514 | 0.1311 | 0.2001 | 0.2252 | 0.2040 | 0.1553 | 0.1014 | 0.0572 | 0.0278 |
| 16 | 5 | 0.0008 | 0.0137 | 0.0555 | 0.1201 | 0.1802 | 0.2099 | 0.2008 | 0.1623 | 0.1123 | 0.0667 |
| 16 | 6 | 0.0001 | 0.0028 | 0.0180 | 0.0550 | 0.1101 | 0.1649 | 0.1982 | 0.1983 | 0.1684 | 0.1222 |
| 16 | 7 | 0.0000 | 0.0004 | 0.0045 | 0.0197 | 0.0524 | 0.1010 | 0.1524 | 0.1889 | 0.1969 | 0.1746 |
| 16 | 8 | 0.0000 | 0.0001 | 0.0009 | 0.0055 | 0.0197 | 0.0487 | 0.0923 | 0.1417 | 0.1812 | 0.1964 |
| 16 | 9 | 0.0000 | 0.0000 | 0.0001 | 0.0012 | 0.0058 | 0.0185 | 0.0442 | 0.0840 | 0.1318 | 0.1746 |
| 16 | 10 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0014 | 0.0056 | 0.0167 | 0.0392 | 0.0755 | 0.1222 |
| 16 | 11 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0013 | 0.0049 | 0.0142 | 0.0337 | 0.0667 |
| 16 | 12 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0011 | 0.0040 | 0.0115 | 0.0278 |
| 16 | 13 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0008 | 0.0029 | 0.0085 |
| 16 | 14 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0018 |
| 16 | 15 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0002 |
| 16 | 16 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 17 | 0 | 0.4181 | 0.1668 | 0.0631 | 0.0225 | 0.0075 | 0.0023 | 0.0007 | 0.0002 | 0.0000 | 0.0000 |
| 17 | 1 | 0.3741 | 0.3150 | 0.1893 | 0.0957 | 0.0426 | 0.0169 | 0.0060 | 0.0019 | 0.0005 | 0.0001 |
| 17 | 2 | 0.1575 | 0.2800 | 0.2673 | 0.1914 | 0.1136 | 0.0581 | 0.0260 | 0.0102 | 0.0035 | 0.0010 |
| 17 | 3 | 0.0415 | 0.1556 | 0.2359 | 0.2393 | 0.1893 | 0.1245 | 0.0701 | 0.0341 | 0.0144 | 0.0052 |
| 17 | 4 | 0.0076 | 0.0605 | 0.1457 | 0.2093 | 0.2209 | 0.1868 | 0.1320 | 0.0796 | 0.0411 | 0.0182 |
| 17 | 5 | 0.0010 | 0.0175 | 0.0668 | 0.1361 | 0.1914 | 0.2081 | 0.1849 | 0.1379 | 0.0875 | 0.0472 |
| 17 | 6 | 0.0001 | 0.0039 | 0.0236 | 0.0680 | 0.1276 | 0.1784 | 0.1991 | 0.1839 | 0.1432 | 0.0944 |
| 17 | 7 | 0.0000 | 0.0007 | 0.0065 | 0.0267 | 0.0668 | 0.1201 | 0.1685 | 0.1927 | 0.1841 | 0.1484 |
| 17 | 8 | 0.0000 | 0.0001 | 0.0014 | 0.0084 | 0.0279 | 0.0644 | 0.1134 | 0.1606 | 0.1883 | 0.1855 |
| 17 | 9 | 0.0000 | 0.0000 | 0.0003 | 0.0021 | 0.0093 | 0.0276 | 0.0611 | 0.1070 | 0.1540 | 0.1855 |
| 17 | 10 | 0.0000 | 0.0000 | 0.0000 | 0.0004 | 0.0025 | 0.0095 | 0.0263 | 0.0571 | 0.1008 | 0.1484 |
| 17 | 11 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0026 | 0.0090 | 0.0242 | 0.0525 | 0.0944 |
| 17 | 12 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0006 | 0.0024 | 0.0081 | 0.0215 | 0.0472 |
| 17 | 13 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0021 | 0.0068 | 0.0182 |
| 17 | 14 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0004 | 0.0016 | 0.0052 |
| 17 | 15 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0003 | 0.0010 |
| 17 | 16 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 |
| 17 | 17 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 18 | 0 | 0.3972 | 0.1501 | 0.0536 | 0.0180 | 0.0056 | 0.0016 | 0.0004 | 0.0001 | 0.0000 | 0.0000 |
| 18 | 1 | 0.3763 | 0.3002 | 0.1704 | 0.0811 | 0.0338 | 0.0126 | 0.0042 | 0.0012 | 0.0003 | 0.0001 |
| 18 | 2 | 0.1683 | 0.2835 | 0.2556 | 0.1723 | 0.0958 | 0.0458 | 0.0190 | 0.0069 | 0.0022 | 0.0006 |
| 18 | 3 | 0.0473 | 0.1680 | 0.2406 | 0.2297 | 0.1704 | 0.1046 | 0.0547 | 0.0246 | 0.0095 | 0.0031 |
| 18 | 4 | 0.0093 | 0.0700 | 0.1592 | 0.2153 | 0.2130 | 0.1681 | 0.1104 | 0.0614 | 0.0291 | 0.0117 |
| 18 | 5 | 0.0014 | 0.0218 | 0.0787 | 0.1507 | 0.1988 | 0.2017 | 0.1664 | 0.1146 | 0.0666 | 0.0327 |
| 18 | 6 | 0.0002 | 0.0052 | 0.0301 | 0.0816 | 0.1436 | 0.1873 | 0.1941 | 0.1655 | 0.1181 | 0.0708 |
| 18 | 7 | 0.0000 | 0.0010 | 0.0091 | 0.0350 | 0.0820 | 0.1376 | 0.1792 | 0.1892 | 0.1657 | 0.1214 |
| 18 | 8 | 0.0000 | 0.0002 | 0.0022 | 0.0120 | 0.0376 | 0.0811 | 0.1327 | 0.1734 | 0.1864 | 0.1669 |
| 18 | 9 | 0.0000 | 0.0000 | 0.0004 | 0.0033 | 0.0139 | 0.0386 | 0.0794 | 0.1284 | 0.1694 | 0.1855 |
| 18 | 10 | 0.0000 | 0.0000 | 0.0001 | 0.0008 | 0.0042 | 0.0149 | 0.0385 | 0.0771 | 0.1248 | 0.1669 |
| 18 | 11 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0010 | 0.0046 | 0.0151 | 0.0374 | 0.0742 | 0.1214 |
| 18 | 12 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0012 | 0.0047 | 0.0145 | 0.0354 | 0.0708 |
| 18 | 13 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0012 | 0.0045 | 0.0134 | 0.0327 |
| 18 | 14 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0011 | 0.0039 | 0.0117 |
| 18 | 15 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0009 | 0.0031 |
| 18 | 16 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0006 |
| 18 | 17 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 |
| 18 | 18 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

TABLA 5 (CONTINUACIÓN)

| <i>n</i> | <i>k</i> | <i>p</i> | | | | | | | | | |
|----------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 0.05 | 0.10 | 0.15 | 0.20 | 0.25 | 0.30 | 0.35 | 0.40 | 0.45 | 0.50 |
| 19 | 0 | 0.3774 | 0.1351 | 0.0456 | 0.0144 | 0.0042 | 0.0011 | 0.0003 | 0.0001 | 0.0000 | 0.0000 |
| 19 | 1 | 0.3774 | 0.2852 | 0.1529 | 0.0685 | 0.0268 | 0.0093 | 0.0029 | 0.0008 | 0.0002 | 0.0000 |
| 19 | 2 | 0.1787 | 0.2852 | 0.2428 | 0.1540 | 0.0803 | 0.0358 | 0.0138 | 0.0046 | 0.0013 | 0.0003 |
| 19 | 3 | 0.0533 | 0.1796 | 0.2428 | 0.2182 | 0.1517 | 0.0869 | 0.0422 | 0.0175 | 0.0062 | 0.0018 |
| 19 | 4 | 0.0112 | 0.0798 | 0.1714 | 0.2182 | 0.2023 | 0.1491 | 0.0909 | 0.0467 | 0.0203 | 0.0074 |
| 19 | 5 | 0.0018 | 0.0266 | 0.0907 | 0.1636 | 0.2023 | 0.1916 | 0.1468 | 0.0933 | 0.0497 | 0.0222 |
| 19 | 6 | 0.0002 | 0.0069 | 0.0374 | 0.0955 | 0.1574 | 0.1916 | 0.1844 | 0.1451 | 0.0949 | 0.0518 |
| 19 | 7 | 0.0000 | 0.0014 | 0.0122 | 0.0443 | 0.0974 | 0.1525 | 0.1844 | 0.1797 | 0.1443 | 0.0961 |
| 19 | 8 | 0.0000 | 0.0002 | 0.0032 | 0.0166 | 0.0487 | 0.0981 | 0.1489 | 0.1797 | 0.1771 | 0.1442 |
| 19 | 9 | 0.0000 | 0.0000 | 0.0007 | 0.0051 | 0.0198 | 0.0514 | 0.0980 | 0.1464 | 0.1771 | 0.1762 |
| 19 | 10 | 0.0000 | 0.0000 | 0.0001 | 0.0013 | 0.0066 | 0.0220 | 0.0528 | 0.0976 | 0.1449 | 0.1762 |
| 19 | 11 | 0.0000 | 0.0000 | 0.0000 | 0.0003 | 0.0018 | 0.0077 | 0.0233 | 0.0532 | 0.0970 | 0.1442 |
| 19 | 12 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0004 | 0.0022 | 0.0083 | 0.0237 | 0.0529 | 0.0961 |
| 19 | 13 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0024 | 0.0085 | 0.0233 | 0.0518 |
| 19 | 14 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0006 | 0.0024 | 0.0082 | 0.0222 |
| 19 | 15 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0022 | 0.0074 |
| 19 | 16 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0005 | 0.0018 |
| 19 | 17 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0003 |
| 19 | 18 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 19 | 19 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 20 | 0 | 0.3585 | 0.1216 | 0.0388 | 0.0115 | 0.0032 | 0.0008 | 0.0002 | 0.0000 | 0.0000 | 0.0000 |
| 20 | 1 | 0.3774 | 0.2702 | 0.1368 | 0.0576 | 0.0211 | 0.0068 | 0.0020 | 0.0005 | 0.0001 | 0.0000 |
| 20 | 2 | 0.1887 | 0.2852 | 0.2293 | 0.1369 | 0.0669 | 0.0278 | 0.0100 | 0.0031 | 0.0008 | 0.0002 |
| 20 | 3 | 0.0596 | 0.1901 | 0.2428 | 0.2054 | 0.1339 | 0.0716 | 0.0323 | 0.0123 | 0.0040 | 0.0011 |
| 20 | 4 | 0.0133 | 0.0898 | 0.1821 | 0.2182 | 0.1897 | 0.1304 | 0.0738 | 0.0350 | 0.0139 | 0.0046 |
| 20 | 5 | 0.0022 | 0.0319 | 0.1028 | 0.1746 | 0.2023 | 0.1789 | 0.1272 | 0.0746 | 0.0365 | 0.0148 |
| 20 | 6 | 0.0003 | 0.0089 | 0.0454 | 0.1091 | 0.1686 | 0.1916 | 0.1712 | 0.1244 | 0.0746 | 0.0370 |
| 20 | 7 | 0.0000 | 0.0020 | 0.0160 | 0.0545 | 0.1124 | 0.1643 | 0.1844 | 0.1659 | 0.1221 | 0.0739 |
| 20 | 8 | 0.0000 | 0.0004 | 0.0046 | 0.0222 | 0.0609 | 0.1144 | 0.1614 | 0.1797 | 0.1623 | 0.1201 |
| 20 | 9 | 0.0000 | 0.0001 | 0.0011 | 0.0074 | 0.0271 | 0.0654 | 0.1158 | 0.1597 | 0.1771 | 0.1602 |
| 20 | 10 | 0.0000 | 0.0000 | 0.0002 | 0.0020 | 0.0099 | 0.0308 | 0.0686 | 0.1171 | 0.1593 | 0.1762 |
| 20 | 11 | 0.0000 | 0.0000 | 0.0000 | 0.0005 | 0.0030 | 0.0120 | 0.0336 | 0.0710 | 0.1185 | 0.1602 |
| 20 | 12 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0008 | 0.0039 | 0.0136 | 0.0355 | 0.0727 | 0.1201 |
| 20 | 13 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0010 | 0.0045 | 0.0146 | 0.0366 | 0.0739 |
| 20 | 14 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0012 | 0.0049 | 0.0150 | 0.0370 |
| 20 | 15 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0003 | 0.0013 | 0.0049 | 0.0148 |
| 20 | 16 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0003 | 0.0013 | 0.0046 |
| 20 | 17 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 | 0.0011 |
| 20 | 18 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0002 |
| 20 | 19 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 20 | 20 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

TABLA 6: PROBABILIDADES DE POISSON

| k | λ | | | | | | | | | |
|-----|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 0.005 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 |
| 0 | 0.9950 | 0.9900 | 0.9802 | 0.9704 | 0.9608 | 0.9512 | 0.9418 | 0.9324 | 0.9231 | 0.9139 |
| 1 | 0.0050 | 0.0099 | 0.0196 | 0.0291 | 0.0384 | 0.0476 | 0.0565 | 0.0653 | 0.0738 | 0.0823 |
| 2 | 0.0000 | 0.0000 | 0.0002 | 0.0004 | 0.0008 | 0.0012 | 0.0017 | 0.0023 | 0.0030 | 0.0037 |
| 3 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0001 | 0.0001 |

| k | λ | | | | | | | | | |
|-----|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| 0 | 0.9048 | 0.8187 | 0.7408 | 0.6703 | 0.6065 | 0.5488 | 0.4966 | 0.4493 | 0.4066 | 0.3679 |
| 1 | 0.0905 | 0.1637 | 0.2222 | 0.2681 | 0.3033 | 0.3293 | 0.3476 | 0.3595 | 0.3659 | 0.3679 |
| 2 | 0.0045 | 0.0164 | 0.0333 | 0.0536 | 0.0758 | 0.0988 | 0.1217 | 0.1438 | 0.1647 | 0.1839 |
| 3 | 0.0002 | 0.0011 | 0.0033 | 0.0072 | 0.0126 | 0.0198 | 0.0284 | 0.0383 | 0.0494 | 0.0613 |
| 4 | 0.0000 | 0.0001 | 0.0003 | 0.0007 | 0.0016 | 0.0030 | 0.0050 | 0.0077 | 0.0111 | 0.0153 |
| 5 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0002 | 0.0004 | 0.0007 | 0.0012 | 0.0020 | 0.0031 |
| 6 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0002 | 0.0003 | 0.0005 |
| 7 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 |

| k | λ | | | | | | | | | |
|-----|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 |
| 0 | 0.3329 | 0.3012 | 0.2725 | 0.2466 | 0.2231 | 0.2019 | 0.1827 | 0.1653 | 0.1496 | 0.1353 |
| 1 | 0.3662 | 0.3614 | 0.3543 | 0.3452 | 0.3347 | 0.3230 | 0.3106 | 0.2975 | 0.2842 | 0.2707 |
| 2 | 0.2014 | 0.2169 | 0.2303 | 0.2417 | 0.2510 | 0.2584 | 0.2640 | 0.2678 | 0.2700 | 0.2707 |
| 3 | 0.0738 | 0.0867 | 0.0998 | 0.1128 | 0.1255 | 0.1378 | 0.1496 | 0.1607 | 0.1710 | 0.1804 |
| 4 | 0.0203 | 0.0260 | 0.0324 | 0.0395 | 0.0471 | 0.0551 | 0.0636 | 0.0723 | 0.0812 | 0.0902 |
| 5 | 0.0045 | 0.0062 | 0.0084 | 0.0111 | 0.0141 | 0.0176 | 0.0216 | 0.0260 | 0.0309 | 0.0361 |
| 6 | 0.0008 | 0.0012 | 0.0018 | 0.0026 | 0.0035 | 0.0047 | 0.0061 | 0.0078 | 0.0098 | 0.0120 |
| 7 | 0.0001 | 0.0002 | 0.0003 | 0.0005 | 0.0008 | 0.0011 | 0.0015 | 0.0020 | 0.0027 | 0.0034 |
| 8 | 0.0000 | 0.0000 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0003 | 0.0005 | 0.0006 | 0.0009 |
| 9 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0001 | 0.0001 | 0.0002 |

| k | λ | | | | | | | | | |
|-----|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 |
| 0 | 0.1225 | 0.1108 | 0.1003 | 0.0907 | 0.0821 | 0.0743 | 0.0672 | 0.0608 | 0.0550 | 0.0498 |
| 1 | 0.2572 | 0.2438 | 0.2306 | 0.2177 | 0.2052 | 0.1931 | 0.1815 | 0.1703 | 0.1596 | 0.1494 |
| 2 | 0.2700 | 0.2681 | 0.2652 | 0.2613 | 0.2565 | 0.2510 | 0.2450 | 0.2384 | 0.2314 | 0.2240 |
| 3 | 0.1890 | 0.1966 | 0.2033 | 0.2090 | 0.2138 | 0.2176 | 0.2205 | 0.2225 | 0.2237 | 0.2240 |
| 4 | 0.0992 | 0.1082 | 0.1169 | 0.1254 | 0.1336 | 0.1414 | 0.1488 | 0.1557 | 0.1622 | 0.1680 |
| 5 | 0.0417 | 0.0476 | 0.0538 | 0.0602 | 0.0668 | 0.0735 | 0.0804 | 0.0872 | 0.0940 | 0.1008 |
| 6 | 0.0146 | 0.0174 | 0.0206 | 0.0241 | 0.0278 | 0.0319 | 0.0362 | 0.0407 | 0.0455 | 0.0504 |
| 7 | 0.0044 | 0.0055 | 0.0068 | 0.0083 | 0.0099 | 0.0118 | 0.0139 | 0.0163 | 0.0188 | 0.0216 |
| 8 | 0.0011 | 0.0015 | 0.0019 | 0.0025 | 0.0031 | 0.0038 | 0.0047 | 0.0057 | 0.0068 | 0.0081 |
| 9 | 0.0003 | 0.0004 | 0.0005 | 0.0007 | 0.0009 | 0.0011 | 0.0014 | 0.0018 | 0.0022 | 0.0027 |
| 10 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0003 | 0.0004 | 0.0005 | 0.0006 | 0.0008 |
| 11 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0002 |
| 12 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 |

| k | λ | | | | | | | | | |
|-----|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 |
| 0 | 0.0450 | 0.0408 | 0.0369 | 0.0334 | 0.0302 | 0.0273 | 0.0247 | 0.0224 | 0.0202 | 0.0183 |
| 1 | 0.1397 | 0.1304 | 0.1217 | 0.1135 | 0.1057 | 0.0984 | 0.0915 | 0.0850 | 0.0789 | 0.0733 |
| 2 | 0.2165 | 0.2087 | 0.2008 | 0.1929 | 0.1850 | 0.1771 | 0.1692 | 0.1615 | 0.1539 | 0.1465 |
| 3 | 0.2237 | 0.2226 | 0.2209 | 0.2186 | 0.2158 | 0.2125 | 0.2087 | 0.2046 | 0.2001 | 0.1954 |
| 4 | 0.1733 | 0.1781 | 0.1823 | 0.1858 | 0.1888 | 0.1912 | 0.1931 | 0.1944 | 0.1951 | 0.1954 |
| 5 | 0.1075 | 0.1140 | 0.1203 | 0.1264 | 0.1322 | 0.1377 | 0.1429 | 0.1477 | 0.1522 | 0.1563 |
| 6 | 0.0555 | 0.0608 | 0.0662 | 0.0716 | 0.0771 | 0.0826 | 0.0881 | 0.0936 | 0.0989 | 0.1042 |
| 7 | 0.0246 | 0.0278 | 0.0312 | 0.0348 | 0.0385 | 0.0425 | 0.0466 | 0.0508 | 0.0551 | 0.0595 |
| 8 | 0.0095 | 0.0111 | 0.0129 | 0.0148 | 0.0169 | 0.0191 | 0.0215 | 0.0241 | 0.0269 | 0.0298 |
| 9 | 0.0033 | 0.0040 | 0.0047 | 0.0056 | 0.0066 | 0.0076 | 0.0089 | 0.0102 | 0.0116 | 0.0132 |
| 10 | 0.0010 | 0.0013 | 0.0016 | 0.0019 | 0.0023 | 0.0028 | 0.0033 | 0.0039 | 0.0045 | 0.0053 |
| 11 | 0.0003 | 0.0004 | 0.0005 | 0.0006 | 0.0007 | 0.0009 | 0.0011 | 0.0013 | 0.0016 | 0.0019 |
| 12 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0003 | 0.0003 | 0.0004 | 0.0005 | 0.0006 |
| 13 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0002 |
| 14 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 |

| k | λ | | | | | | | | | |
|-----|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 |
| 0 | 0.0166 | 0.0150 | 0.0136 | 0.0123 | 0.0111 | 0.0101 | 0.0091 | 0.0082 | 0.0074 | 0.0067 |
| 1 | 0.0679 | 0.0630 | 0.0583 | 0.0540 | 0.0500 | 0.0462 | 0.0427 | 0.0395 | 0.0365 | 0.0337 |
| 2 | 0.1393 | 0.1323 | 0.1254 | 0.1188 | 0.1125 | 0.1063 | 0.1005 | 0.0948 | 0.0894 | 0.0842 |
| 3 | 0.1904 | 0.1852 | 0.1798 | 0.1743 | 0.1687 | 0.1631 | 0.1574 | 0.1517 | 0.1460 | 0.1404 |
| 4 | 0.1951 | 0.1944 | 0.1933 | 0.1917 | 0.1898 | 0.1875 | 0.1849 | 0.1820 | 0.1789 | 0.1755 |
| 5 | 0.1600 | 0.1633 | 0.1662 | 0.1687 | 0.1708 | 0.1725 | 0.1738 | 0.1747 | 0.1753 | 0.1755 |
| 6 | 0.1093 | 0.1143 | 0.1191 | 0.1237 | 0.1281 | 0.1323 | 0.1362 | 0.1398 | 0.1432 | 0.1462 |
| 7 | 0.0640 | 0.0686 | 0.0732 | 0.0778 | 0.0824 | 0.0869 | 0.0914 | 0.0959 | 0.1002 | 0.1044 |
| 8 | 0.0328 | 0.0360 | 0.0393 | 0.0428 | 0.0463 | 0.0500 | 0.0537 | 0.0575 | 0.0614 | 0.0653 |
| 9 | 0.0150 | 0.0168 | 0.0188 | 0.0209 | 0.0232 | 0.0255 | 0.0281 | 0.0307 | 0.0334 | 0.0363 |
| 10 | 0.0061 | 0.0071 | 0.0081 | 0.0092 | 0.0104 | 0.0118 | 0.0132 | 0.0147 | 0.0164 | 0.0181 |
| 11 | 0.0023 | 0.0027 | 0.0032 | 0.0037 | 0.0043 | 0.0049 | 0.0056 | 0.0064 | 0.0073 | 0.0082 |
| 12 | 0.0008 | 0.0009 | 0.0011 | 0.0013 | 0.0016 | 0.0019 | 0.0022 | 0.0026 | 0.0030 | 0.0034 |
| 13 | 0.0002 | 0.0003 | 0.0004 | 0.0005 | 0.0006 | 0.0007 | 0.0008 | 0.0009 | 0.0011 | 0.0013 |
| 14 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0003 | 0.0003 | 0.0004 | 0.0005 |
| 15 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 |

| k | λ | | | | | | | | | |
|-----|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 |
| 0 | 0.0061 | 0.0055 | 0.0050 | 0.0045 | 0.0041 | 0.0037 | 0.0033 | 0.0030 | 0.0027 | 0.0025 |
| 1 | 0.0311 | 0.0287 | 0.0265 | 0.0244 | 0.0225 | 0.0207 | 0.0191 | 0.0176 | 0.0162 | 0.0149 |
| 2 | 0.0793 | 0.0746 | 0.0701 | 0.0659 | 0.0618 | 0.0580 | 0.0544 | 0.0509 | 0.0477 | 0.0446 |
| 3 | 0.1348 | 0.1293 | 0.1239 | 0.1185 | 0.1133 | 0.1082 | 0.1033 | 0.0985 | 0.0938 | 0.0892 |
| 4 | 0.1719 | 0.1681 | 0.1641 | 0.1600 | 0.1558 | 0.1515 | 0.1472 | 0.1428 | 0.1383 | 0.1339 |
| 5 | 0.1753 | 0.1748 | 0.1740 | 0.1728 | 0.1714 | 0.1697 | 0.1678 | 0.1656 | 0.1632 | 0.1606 |
| 6 | 0.1490 | 0.1515 | 0.1537 | 0.1555 | 0.1571 | 0.1584 | 0.1594 | 0.1601 | 0.1605 | 0.1606 |
| 7 | 0.1086 | 0.1125 | 0.1163 | 0.1200 | 0.1234 | 0.1267 | 0.1298 | 0.1326 | 0.1353 | 0.1377 |
| 8 | 0.0692 | 0.0731 | 0.0771 | 0.0810 | 0.0849 | 0.0887 | 0.0925 | 0.0962 | 0.0998 | 0.1033 |
| 9 | 0.0392 | 0.0423 | 0.0454 | 0.0486 | 0.0519 | 0.0552 | 0.0586 | 0.0620 | 0.0654 | 0.0688 |
| 10 | 0.0200 | 0.0220 | 0.0241 | 0.0262 | 0.0285 | 0.0309 | 0.0334 | 0.0359 | 0.0386 | 0.0413 |
| 11 | 0.0093 | 0.0104 | 0.0116 | 0.0129 | 0.0143 | 0.0157 | 0.0173 | 0.0190 | 0.0207 | 0.0225 |
| 12 | 0.0039 | 0.0045 | 0.0051 | 0.0058 | 0.0065 | 0.0073 | 0.0082 | 0.0092 | 0.0102 | 0.0113 |
| 13 | 0.0015 | 0.0018 | 0.0021 | 0.0024 | 0.0028 | 0.0032 | 0.0036 | 0.0041 | 0.0046 | 0.0052 |
| 14 | 0.0006 | 0.0007 | 0.0008 | 0.0009 | 0.0011 | 0.0013 | 0.0015 | 0.0017 | 0.0019 | 0.0022 |
| 15 | 0.0002 | 0.0002 | 0.0003 | 0.0003 | 0.0004 | 0.0005 | 0.0006 | 0.0007 | 0.0008 | 0.0009 |
| 16 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0002 | 0.0003 | 0.0003 |
| 17 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |

TABLA 6 (CONTINUACION)

| k | λ | | | | | | | | | |
|----|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 |
| 0 | 0.0022 | 0.0020 | 0.0018 | 0.0017 | 0.0015 | 0.0014 | 0.0012 | 0.0011 | 0.0010 | 0.0009 |
| 1 | 0.0137 | 0.0126 | 0.0116 | 0.0106 | 0.0098 | 0.0090 | 0.0082 | 0.0076 | 0.0070 | 0.0064 |
| 2 | 0.0417 | 0.0390 | 0.0364 | 0.0340 | 0.0318 | 0.0296 | 0.0276 | 0.0258 | 0.0240 | 0.0223 |
| 3 | 0.0848 | 0.0806 | 0.0765 | 0.0726 | 0.0688 | 0.0652 | 0.0617 | 0.0584 | 0.0552 | 0.0521 |
| 4 | 0.1294 | 0.1249 | 0.1205 | 0.1162 | 0.1118 | 0.1076 | 0.1034 | 0.0992 | 0.0952 | 0.0912 |
| 5 | 0.1579 | 0.1549 | 0.1519 | 0.1487 | 0.1454 | 0.1420 | 0.1385 | 0.1349 | 0.1314 | 0.1277 |
| 6 | 0.1605 | 0.1601 | 0.1595 | 0.1586 | 0.1575 | 0.1562 | 0.1546 | 0.1529 | 0.1511 | 0.1490 |
| 7 | 0.1399 | 0.1418 | 0.1435 | 0.1450 | 0.1462 | 0.1472 | 0.1480 | 0.1486 | 0.1489 | 0.1490 |
| 8 | 0.1066 | 0.1099 | 0.1130 | 0.1160 | 0.1188 | 0.1215 | 0.1240 | 0.1263 | 0.1284 | 0.1304 |
| 9 | 0.0723 | 0.0757 | 0.0791 | 0.0825 | 0.0858 | 0.0891 | 0.0923 | 0.0954 | 0.0985 | 0.1014 |
| 10 | 0.0441 | 0.0469 | 0.0498 | 0.0528 | 0.0558 | 0.0588 | 0.0618 | 0.0649 | 0.0679 | 0.0710 |
| 11 | 0.0244 | 0.0265 | 0.0285 | 0.0307 | 0.0330 | 0.0353 | 0.0377 | 0.0401 | 0.0426 | 0.0452 |
| 12 | 0.0124 | 0.0137 | 0.0150 | 0.0164 | 0.0179 | 0.0194 | 0.0210 | 0.0227 | 0.0245 | 0.0263 |
| 13 | 0.0058 | 0.0065 | 0.0073 | 0.0081 | 0.0089 | 0.0099 | 0.0108 | 0.0119 | 0.0130 | 0.0142 |
| 14 | 0.0025 | 0.0029 | 0.0033 | 0.0037 | 0.0041 | 0.0046 | 0.0052 | 0.0058 | 0.0064 | 0.0071 |
| 15 | 0.0010 | 0.0012 | 0.0014 | 0.0016 | 0.0018 | 0.0020 | 0.0023 | 0.0026 | 0.0029 | 0.0033 |
| 16 | 0.0004 | 0.0005 | 0.0005 | 0.0006 | 0.0007 | 0.0008 | 0.0010 | 0.0011 | 0.0013 | 0.0014 |
| 17 | 0.0001 | 0.0002 | 0.0002 | 0.0002 | 0.0003 | 0.0003 | 0.0004 | 0.0004 | 0.0005 | 0.0006 |
| 18 | 0.0000 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0002 |
| 19 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |

| k | λ | | | | | | | | | |
|----|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 |
| 0 | 0.0008 | 0.0007 | 0.0007 | 0.0006 | 0.0006 | 0.0005 | 0.0005 | 0.0004 | 0.0004 | 0.0003 |
| 1 | 0.0059 | 0.0054 | 0.0049 | 0.0045 | 0.0041 | 0.0038 | 0.0035 | 0.0032 | 0.0029 | 0.0027 |
| 2 | 0.0208 | 0.0194 | 0.0180 | 0.0167 | 0.0156 | 0.0145 | 0.0134 | 0.0125 | 0.0116 | 0.0107 |
| 3 | 0.0492 | 0.0464 | 0.0438 | 0.0413 | 0.0389 | 0.0366 | 0.0345 | 0.0324 | 0.0305 | 0.0286 |
| 4 | 0.0874 | 0.0836 | 0.0799 | 0.0764 | 0.0729 | 0.0696 | 0.0663 | 0.0632 | 0.0602 | 0.0573 |
| 5 | 0.1241 | 0.1204 | 0.1167 | 0.1130 | 0.1094 | 0.1057 | 0.1021 | 0.0986 | 0.0951 | 0.0916 |
| 6 | 0.1468 | 0.1445 | 0.1420 | 0.1394 | 0.1367 | 0.1339 | 0.1311 | 0.1282 | 0.1252 | 0.1221 |
| 7 | 0.1489 | 0.1486 | 0.1481 | 0.1474 | 0.1465 | 0.1454 | 0.1442 | 0.1428 | 0.1413 | 0.1396 |
| 8 | 0.1321 | 0.1337 | 0.1351 | 0.1363 | 0.1373 | 0.1381 | 0.1388 | 0.1392 | 0.1395 | 0.1396 |
| 9 | 0.1042 | 0.1070 | 0.1096 | 0.1121 | 0.1144 | 0.1167 | 0.1187 | 0.1207 | 0.1224 | 0.1241 |
| 10 | 0.0740 | 0.0770 | 0.0800 | 0.0829 | 0.0858 | 0.0887 | 0.0914 | 0.0941 | 0.0967 | 0.0993 |
| 11 | 0.0478 | 0.0504 | 0.0531 | 0.0558 | 0.0585 | 0.0613 | 0.0640 | 0.0667 | 0.0695 | 0.0722 |
| 12 | 0.0283 | 0.0303 | 0.0323 | 0.0344 | 0.0366 | 0.0388 | 0.0411 | 0.0434 | 0.0457 | 0.0481 |
| 13 | 0.0154 | 0.0168 | 0.0181 | 0.0196 | 0.0211 | 0.0227 | 0.0243 | 0.0260 | 0.0278 | 0.0296 |
| 14 | 0.0078 | 0.0086 | 0.0095 | 0.0104 | 0.0113 | 0.0123 | 0.0134 | 0.0145 | 0.0157 | 0.0169 |
| 15 | 0.0037 | 0.0041 | 0.0046 | 0.0051 | 0.0057 | 0.0062 | 0.0069 | 0.0075 | 0.0083 | 0.0090 |
| 16 | 0.0016 | 0.0019 | 0.0021 | 0.0024 | 0.0026 | 0.0030 | 0.0033 | 0.0037 | 0.0041 | 0.0045 |
| 17 | 0.0007 | 0.0008 | 0.0009 | 0.0010 | 0.0012 | 0.0013 | 0.0015 | 0.0017 | 0.0019 | 0.0021 |
| 18 | 0.0003 | 0.0003 | 0.0004 | 0.0004 | 0.0005 | 0.0006 | 0.0006 | 0.0007 | 0.0008 | 0.0009 |
| 19 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0002 | 0.0003 | 0.0003 | 0.0003 | 0.0004 |
| 20 | 0.0000 | 0.0000 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 |
| 21 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0001 |

TABLA 7: TABLA DE NÚMEROS AL AZAR

| Primera serie | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|----|-------|----|--------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|
| | 1 - 4 | | 5 - 8 | | 9 - 12 | | 13 - 16 | | 17 - 20 | | 21 - 24 | | 25 - 28 | | 29 - 32 | | 33 - 36 | | 37 - 40 | |
| 1 | 20 | 77 | 81 | 43 | 63 | 92 | 68 | 61 | 70 | 79 | 88 | 81 | 05 | 47 | 63 | 07 | 13 | 10 | 46 | 19 |
| 2 | 09 | 42 | 70 | 58 | 14 | 76 | 27 | 02 | 29 | 73 | 87 | 66 | 47 | 73 | 31 | 59 | 02 | 96 | 41 | 07 |
| 3 | 93 | 04 | 55 | 07 | 83 | 92 | 26 | 76 | 50 | 57 | 05 | 97 | 12 | 85 | 01 | 30 | 82 | 45 | 52 | 08 |
| 4 | 95 | 99 | 93 | 67 | 54 | 96 | 35 | 98 | 84 | 64 | 80 | 88 | 29 | 39 | 07 | 00 | 97 | 95 | 59 | 24 |
| 5 | 40 | 82 | 40 | 08 | 05 | 80 | 60 | 50 | 33 | 93 | 68 | 58 | 83 | 62 | 06 | 09 | 20 | 56 | 91 | 36 |
| 6 | 78 | 11 | 44 | 01 | 19 | 42 | 06 | 02 | 32 | 19 | 99 | 23 | 94 | 02 | 29 | 27 | 29 | 38 | 17 | 82 |
| 7 | 56 | 41 | 30 | 34 | 77 | 26 | 83 | 55 | 26 | 08 | 69 | 53 | 66 | 16 | 19 | 43 | 77 | 69 | 70 | 77 |
| 8 | 76 | 42 | 48 | 52 | 69 | 11 | 70 | 01 | 23 | 21 | 99 | 22 | 30 | 75 | 42 | 61 | 99 | 20 | 91 | 90 |
| 9 | 41 | 14 | 93 | 39 | 41 | 11 | 56 | 76 | 60 | 04 | 24 | 75 | 18 | 06 | 14 | 42 | 91 | 25 | 31 | 92 |
| 10 | 17 | 42 | 51 | 18 | 60 | 28 | 10 | 87 | 61 | 25 | 88 | 92 | 04 | 30 | 90 | 80 | 32 | 26 | 91 | 22 |
| 11 | 96 | 66 | 80 | 87 | 48 | 97 | 22 | 47 | 84 | 24 | 58 | 51 | 41 | 10 | 54 | 26 | 93 | 19 | 90 | 20 |
| 12 | 24 | 81 | 91 | 42 | 70 | 40 | 96 | 75 | 48 | 30 | 48 | 66 | 21 | 54 | 20 | 98 | 12 | 00 | 86 | 61 |
| 13 | 78 | 65 | 68 | 07 | 07 | 95 | 15 | 50 | 67 | 10 | 01 | 62 | 36 | 75 | 93 | 76 | 40 | 54 | 97 | 68 |
| 14 | 29 | 27 | 78 | 63 | 25 | 00 | 14 | 51 | 15 | 18 | 18 | 14 | 03 | 96 | 63 | 08 | 85 | 49 | 16 | 14 |
| 15 | 34 | 16 | 38 | 45 | 71 | 04 | 10 | 72 | 44 | 03 | 63 | 46 | 49 | 56 | 50 | 76 | 57 | 32 | 84 | 43 |
| 16 | 82 | 76 | 24 | 97 | 43 | 39 | 05 | 39 | 93 | 69 | 61 | 80 | 25 | 47 | 90 | 15 | 70 | 06 | 74 | 13 |
| 17 | 18 | 93 | 50 | 05 | 65 | 07 | 39 | 37 | 51 | 99 | 78 | 42 | 52 | 78 | 82 | 86 | 81 | 17 | 69 | 09 |
| 18 | 46 | 84 | 90 | 64 | 55 | 19 | 12 | 20 | 32 | 11 | 56 | 30 | 00 | 54 | 75 | 95 | 54 | 22 | 80 | 38 |
| 19 | 59 | 52 | 94 | 41 | 54 | 33 | 08 | 80 | 51 | 39 | 35 | 64 | 22 | 90 | 59 | 82 | 79 | 76 | 23 | 22 |
| 20 | 38 | 12 | 76 | 09 | 53 | 32 | 80 | 07 | 19 | 34 | 18 | 55 | 60 | 86 | 33 | 22 | 36 | 15 | 79 | 85 |
| 21 | 14 | 72 | 18 | 71 | 55 | 19 | 09 | 25 | 27 | 36 | 10 | 35 | 60 | 87 | 96 | 55 | 74 | 86 | 08 | 54 |
| 22 | 44 | 29 | 94 | 19 | 34 | 91 | 62 | 94 | 56 | 81 | 35 | 00 | 79 | 15 | 62 | 92 | 66 | 16 | 67 | 29 |
| 23 | 50 | 10 | 67 | 79 | 43 | 27 | 66 | 85 | 52 | 00 | 97 | 65 | 07 | 58 | 31 | 74 | 90 | 09 | 24 | 75 |
| 24 | 11 | 19 | 88 | 34 | 80 | 11 | 94 | 03 | 56 | 28 | 53 | 52 | 86 | 83 | 51 | 38 | 97 | 02 | 50 | 20 |
| 25 | 12 | 16 | 81 | 62 | 90 | 38 | 45 | 23 | 13 | 08 | 18 | 57 | 67 | 45 | 15 | 75 | 86 | 07 | 77 | 57 |

| Segunda serie | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|----|-------|----|--------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|
| | 1 - 4 | | 5 - 8 | | 9 - 12 | | 13 - 16 | | 17 - 20 | | 21 - 24 | | 25 - 28 | | 29 - 32 | | 33 - 36 | | 37 - 40 | |
| 1 | 83 | 79 | 21 | 68 | 54 | 51 | 23 | 50 | 78 | 17 | 73 | 51 | 94 | 71 | 91 | 31 | 29 | 97 | 13 | 16 |
| 2 | 27 | 98 | 04 | 97 | 52 | 48 | 19 | 33 | 82 | 16 | 00 | 34 | 30 | 67 | 58 | 00 | 80 | 80 | 92 | 26 |
| 3 | 75 | 57 | 42 | 55 | 59 | 91 | 72 | 75 | 66 | 75 | 39 | 70 | 55 | 24 | 09 | 19 | 70 | 22 | 42 | 10 |
| 4 | 60 | 73 | 07 | 27 | 71 | 94 | 68 | 70 | 48 | 81 | 40 | 91 | 16 | 24 | 45 | 24 | 54 | 03 | 18 | 03 |
| 5 | 27 | 42 | 15 | 67 | 94 | 44 | 48 | 62 | 37 | 53 | 83 | 15 | 90 | 90 | 60 | 19 | 78 | 62 | 44 | 70 |
| 6 | 57 | 27 | 77 | 75 | 38 | 18 | 24 | 32 | 91 | 53 | 78 | 91 | 33 | 38 | 31 | 95 | 85 | 11 | 33 | 87 |
| 7 | 22 | 79 | 42 | 39 | 32 | 65 | 83 | 60 | 74 | 63 | 56 | 77 | 47 | 21 | 88 | 36 | 43 | 10 | 19 | 41 |
| 8 | 61 | 94 | 32 | 42 | 83 | 81 | 92 | 40 | 99 | 00 | 05 | 66 | 33 | 61 | 32 | 10 | 43 | 15 | 49 | 25 |
| 9 | 24 | 28 | 53 | 76 | 13 | 61 | 73 | 22 | 50 | 51 | 75 | 08 | 10 | 90 | 71 | 58 | 22 | 42 | 46 | 83 |
| 10 | 06 | 75 | 46 | 13 | 77 | 68 | 97 | 05 | 56 | 73 | 34 | 86 | 42 | 22 | 37 | 75 | 94 | 87 | 57 | 72 |
| 11 | 83 | 81 | 98 | 41 | 67 | 38 | 97 | 30 | 12 | 31 | 87 | 76 | 81 | 07 | 32 | 88 | 42 | 29 | 94 | 58 |
| 12 | 33 | 66 | 09 | 91 | 21 | 26 | 52 | 57 | 47 | 14 | 27 | 75 | 07 | 84 | 50 | 96 | 95 | 12 | 25 | 01 |
| 13 | 63 | 14 | 10 | 59 | 10 | 68 | 27 | 91 | 00 | 17 | 36 | 79 | 01 | 79 | 65 | 43 | 13 | 98 | 52 | 21 |
| 14 | 84 | 43 | 66 | 38 | 65 | 72 | 14 | 55 | 93 | 78 | 24 | 57 | 38 | 10 | 54 | 53 | 92 | 41 | 82 | 56 |
| 15 | 36 | 75 | 92 | 36 | 76 | 77 | 89 | 27 | 06 | 57 | 37 | 70 | 36 | 09 | 99 | 90 | 66 | 44 | 91 | 89 |
| 16 | 17 | 23 | 20 | 39 | 81 | 03 | 49 | 79 | 68 | 20 | 94 | 45 | 95 | 92 | 63 | 06 | 55 | 29 | 20 | 82 |
| 17 | 57 | 09 | 57 | 60 | 40 | 64 | 00 | 77 | 31 | 05 | 83 | 44 | 96 | 62 | 56 | 42 | 42 | 68 | 46 | 42 |
| 18 | 33 | 49 | 47 | 96 | 50 | 21 | 75 | 68 | 28 | 12 | 46 | 25 | 72 | 64 | 50 | 72 | 75 | 16 | 67 | 00 |
| 19 | 80 | 52 | 82 | 00 | 02 | 12 | 67 | 61 | 43 | 23 | 14 | 53 | 10 | 66 | 16 | 29 | 06 | 60 | 23 | 20 |
| 20 | 45 | 29 | 44 | 64 | 44 | 70 | 22 | 10 | 70 | 26 | 43 | 49 | 28 | 51 | 69 | 52 | 85 | 95 | 98 | 58 |
| 21 | 16 | 04 | 54 | 67 | 60 | 53 | 51 | 60 | 82 | 45 | 56 | 26 | 08 | 89 | 42 | 25 | 93 | 76 | 69 | 73 |
| 22 | 81 | 09 | 97 | 91 | 19 | 60 | 91 | 96 | 53 | 66 | 45 | 33 | 75 | 09 | 67 | 42 | 59 | 02 | 18 | 97 |
| 23 | 20 | 61 | 83 | 96 | 58 | 12 | 64 | 99 | 78 | 24 | 94 | 36 | 99 | 60 | 07 | 70 | 27 | 40 | 97 | 15 |
| 24 | 43 | 17 | 00 | 05 | 86 | 39 | 95 | 58 | 12 | 35 | 84 | 31 | 97 | 75 | 50 | 52 | 06 | 88 | 27 | 79 |
| 25 | 27 | 84 | 00 | 90 | 41 | 44 | 05 | 43 | 36 | 93 | 01 | 37 | 91 | 93 | 24 | 78 | 00 | 12 | 04 | 12 |

TABLA7 (CONTINUACION)

| Tercera serie | | | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|----|----|----|----|----|----|----|----|----|
| | 01 - 04 | 05 - 08 | 09 - 12 | 13 - 16 | 17 - 20 | 21 - 24 | 25 - 28 | 29 - 32 | 33 - 36 | 37 - 40 | | | | | | | | | | |
| 1 | 35 | 87 | 68 | 11 | 29 | 27 | 78 | 34 | 74 | 92 | 86 | 13 | 33 | 22 | 34 | 75 | 59 | 44 | 61 | 63 |
| 2 | 16 | 58 | 21 | 36 | 34 | 35 | 92 | 56 | 72 | 85 | 03 | 91 | 31 | 33 | 26 | 62 | 08 | 30 | 95 | 09 |
| 3 | 44 | 20 | 51 | 20 | 95 | 87 | 87 | 37 | 37 | 05 | 06 | 43 | 61 | 75 | 51 | 99 | 52 | 03 | 23 | 29 |
| 4 | 36 | 04 | 26 | 10 | 46 | 13 | 47 | 92 | 34 | 02 | 53 | 54 | 97 | 57 | 24 | 18 | 37 | 62 | 98 | 35 |
| 5 | 92 | 15 | 17 | 81 | 81 | 67 | 17 | 00 | 76 | 64 | 77 | 34 | 20 | 18 | 88 | 01 | 88 | 31 | 18 | 40 |
| 6 | 29 | 12 | 08 | 74 | 26 | 94 | 48 | 03 | 85 | 60 | 23 | 69 | 65 | 52 | 53 | 18 | 26 | 72 | 47 | 62 |
| 7 | 19 | 37 | 78 | 71 | 07 | 12 | 90 | 53 | 13 | 34 | 19 | 49 | 81 | 36 | 85 | 96 | 19 | 81 | 68 | 65 |
| 8 | 14 | 92 | 75 | 64 | 31 | 51 | 00 | 20 | 86 | 47 | 07 | 04 | 40 | 26 | 57 | 62 | 34 | 95 | 57 | 17 |
| 9 | 02 | 19 | 07 | 98 | 20 | 98 | 21 | 10 | 69 | 15 | 39 | 55 | 80 | 23 | 80 | 26 | 63 | 33 | 81 | 26 |
| 10 | 31 | 18 | 25 | 46 | 66 | 31 | 15 | 27 | 09 | 80 | 13 | 44 | 72 | 58 | 42 | 93 | 71 | 72 | 69 | 17 |
| 11 | 51 | 96 | 70 | 26 | 99 | 94 | 81 | 55 | 72 | 29 | 57 | 37 | 29 | 36 | 99 | 55 | 35 | 99 | 22 | 79 |
| 12 | 11 | 78 | 29 | 90 | 66 | 21 | 63 | 60 | 39 | 87 | 77 | 34 | 55 | 26 | 56 | 94 | 74 | 43 | 71 | 04 |
| 13 | 93 | 10 | 34 | 79 | 41 | 18 | 07 | 79 | 30 | 84 | 77 | 27 | 07 | 40 | 54 | 24 | 90 | 96 | 43 | 63 |
| 14 | 19 | 32 | 42 | 52 | 58 | 31 | 29 | 38 | 39 | 31 | 00 | 68 | 71 | 25 | 28 | 05 | 27 | 55 | 56 | 18 |
| 15 | 26 | 84 | 50 | 36 | 62 | 73 | 35 | 95 | 56 | 00 | 76 | 61 | 16 | 40 | 08 | 80 | 71 | 87 | 20 | 48 |
| 16 | 05 | 50 | 36 | 40 | 59 | 22 | 90 | 33 | 76 | 82 | 58 | 66 | 30 | 65 | 68 | 23 | 38 | 98 | 39 | 92 |
| 17 | 45 | 14 | 18 | 03 | 19 | 34 | 32 | 93 | 93 | 37 | 97 | 11 | 37 | 04 | 64 | 62 | 60 | 53 | 86 | 33 |
| 18 | 71 | 44 | 13 | 65 | 14 | 74 | 67 | 80 | 11 | 11 | 01 | 90 | 47 | 58 | 36 | 86 | 13 | 68 | 85 | 64 |
| 19 | 47 | 46 | 52 | 39 | 25 | 41 | 96 | 96 | 98 | 22 | 11 | 51 | 90 | 91 | 82 | 16 | 96 | 43 | 11 | 05 |
| 20 | 33 | 95 | 58 | 94 | 59 | 65 | 09 | 99 | 47 | 45 | 70 | 06 | 60 | 66 | 75 | 22 | 43 | 93 | 79 | 62 |
| 21 | 28 | 74 | 81 | 01 | 28 | 31 | 47 | 96 | 55 | 75 | 26 | 61 | 48 | 51 | 10 | 20 | 50 | 43 | 83 | 28 |
| 22 | 33 | 68 | 25 | 37 | 96 | 38 | 70 | 64 | 36 | 19 | 60 | 48 | 71 | 41 | 05 | 53 | 77 | 56 | 81 | 78 |
| 23 | 85 | 38 | 32 | 52 | 85 | 14 | 64 | 87 | 82 | 11 | 85 | 11 | 19 | 29 | 80 | 35 | 09 | 99 | 54 | 23 |
| 24 | 04 | 29 | 07 | 21 | 28 | 33 | 85 | 69 | 93 | 51 | 57 | 30 | 02 | 14 | 58 | 12 | 84 | 34 | 30 | 71 |
| 25 | 47 | 20 | 21 | 03 | 47 | 88 | 47 | 25 | 51 | 49 | 70 | 21 | 07 | 71 | 07 | 03 | 08 | 69 | 69 | 35 |

| Cuarta serie | | | | | | | | | | | | | | | | | | | | |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|----|----|----|----|----|----|----|----|----|
| | 01 - 04 | 05 - 08 | 09 - 12 | 13 - 16 | 17 - 20 | 21 - 24 | 25 - 28 | 29 - 32 | 33 - 36 | 37 - 40 | | | | | | | | | | |
| 1 | 72 | 43 | 49 | 72 | 61 | 99 | 36 | 48 | 80 | 20 | 10 | 31 | 66 | 31 | 84 | 83 | 87 | 39 | 93 | 25 |
| 2 | 34 | 71 | 89 | 58 | 13 | 15 | 56 | 47 | 41 | 24 | 57 | 70 | 96 | 69 | 59 | 17 | 28 | 25 | 55 | 05 |
| 3 | 94 | 75 | 59 | 95 | 98 | 99 | 88 | 03 | 83 | 67 | 75 | 75 | 92 | 73 | 56 | 60 | 91 | 80 | 59 | 53 |
| 4 | 28 | 97 | 88 | 17 | 22 | 80 | 49 | 80 | 81 | 22 | 07 | 83 | 41 | 63 | 15 | 27 | 25 | 72 | 00 | 01 |
| 5 | 75 | 89 | 87 | 84 | 83 | 13 | 56 | 59 | 46 | 28 | 26 | 11 | 62 | 28 | 81 | 61 | 42 | 86 | 35 | 50 |
| 6 | 77 | 44 | 16 | 92 | 59 | 93 | 41 | 27 | 08 | 86 | 09 | 45 | 47 | 43 | 35 | 19 | 66 | 71 | 81 | 08 |
| 7 | 46 | 06 | 66 | 76 | 61 | 89 | 59 | 75 | 61 | 68 | 68 | 50 | 47 | 98 | 47 | 21 | 84 | 05 | 52 | 95 |
| 8 | 53 | 46 | 28 | 21 | 43 | 74 | 40 | 07 | 15 | 60 | 52 | 15 | 39 | 94 | 67 | 29 | 90 | 83 | 08 | 61 |
| 9 | 55 | 23 | 44 | 40 | 08 | 34 | 48 | 33 | 12 | 12 | 28 | 12 | 69 | 81 | 14 | 58 | 25 | 01 | 00 | 13 |
| 10 | 38 | 44 | 74 | 56 | 06 | 24 | 85 | 13 | 22 | 04 | 07 | 70 | 00 | 18 | 43 | 99 | 03 | 53 | 77 | 98 |
| 11 | 08 | 12 | 50 | 56 | 81 | 86 | 61 | 59 | 77 | 00 | 11 | 71 | 00 | 47 | 29 | 62 | 68 | 87 | 25 | 30 |
| 12 | 34 | 27 | 77 | 14 | 64 | 22 | 20 | 77 | 22 | 41 | 50 | 92 | 51 | 67 | 70 | 54 | 14 | 26 | 54 | 47 |
| 13 | 19 | 98 | 90 | 19 | 27 | 12 | 80 | 34 | 87 | 97 | 73 | 09 | 98 | 80 | 66 | 74 | 77 | 59 | 11 | 54 |
| 14 | 39 | 05 | 72 | 32 | 69 | 87 | 95 | 50 | 82 | 76 | 50 | 79 | 82 | 18 | 72 | 77 | 88 | 60 | 92 | 11 |
| 15 | 38 | 96 | 83 | 88 | 05 | 76 | 23 | 20 | 09 | 33 | 08 | 02 | 10 | 74 | 93 | 22 | 09 | 75 | 83 | 23 |
| 16 | 72 | 94 | 21 | 37 | 57 | 90 | 48 | 48 | 43 | 96 | 66 | 75 | 33 | 08 | 09 | 65 | 62 | 00 | 94 | 38 |
| 17 | 86 | 61 | 52 | 23 | 80 | 46 | 97 | 81 | 15 | 83 | 88 | 88 | 71 | 98 | 73 | 73 | 43 | 63 | 93 | 74 |
| 18 | 14 | 78 | 87 | 24 | 89 | 77 | 62 | 94 | 19 | 26 | 16 | 08 | 78 | 08 | 97 | 24 | 19 | 03 | 47 | 46 |
| 19 | 24 | 17 | 92 | 19 | 81 | 85 | 71 | 91 | 02 | 41 | 45 | 08 | 44 | 99 | 72 | 36 | 84 | 23 | 59 | 51 |
| 20 | 92 | 52 | 08 | 30 | 47 | 44 | 31 | 36 | 80 | 12 | 73 | 65 | 98 | 06 | 15 | 69 | 59 | 18 | 38 | 58 |
| 21 | 94 | 47 | 16 | 55 | 89 | 88 | 64 | 29 | 02 | 59 | 48 | 90 | 06 | 90 | 57 | 14 | 65 | 55 | 75 | 97 |
| 22 | 47 | 21 | 92 | 90 | 36 | 20 | 85 | 34 | 96 | 73 | 11 | 69 | 71 | 36 | 65 | 16 | 49 | 89 | 41 | 78 |
| 23 | 76 | 89 | 16 | 29 | 20 | 24 | 00 | 47 | 33 | 89 | 74 | 11 | 59 | 62 | 84 | 53 | 03 | 14 | 74 | 77 |
| 24 | 90 | 93 | 86 | 13 | 61 | 32 | 15 | 62 | 99 | 30 | 63 | 47 | 88 | 87 | 86 | 12 | 59 | 30 | 69 | 44 |
| 25 | 44 | 93 | 41 | 83 | 33 | 43 | 31 | 74 | 85 | 47 | 44 | 45 | 91 | 36 | 40 | 48 | 56 | 84 | 10 | 09 |