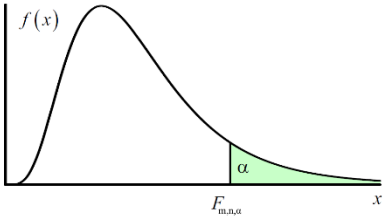
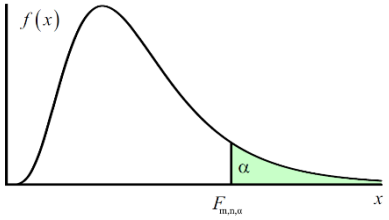
# Tavola dei quantili 0.9 della distribuzione F(m,n) [α=0.1]



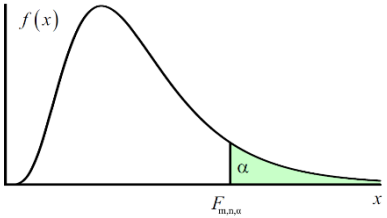

| | n | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| m | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 200 | ∞ |
| 1 | 39.86 | 8.526 | 5.538 | 4.545 | 4.060 | 3.776 | 3.589 | 3.458 | 3.360 | 3.285 | 3.225 | 3.177 | 3.136 | 3.102 | 3.073 | 3.048 | 3.026 | 3.007 | 2.990 | 2.975 | 2.949 | 2.927 | 2.909 | 2.894 | 2.881 | 2.835 | 2.809 | 2.791 | 2.779 | 2.769 | 2.762 | 2.756 | 2.748 | 2.742 | 2.731 | 2.706 |
| 2 | 49.50 | 9.000 | 5.462 | 4.325 | 3.780 | 3.463 | 3.257 | 3.113 | 3.006 | 2.924 | 2.860 | 2.807 | 2.763 | 2.726 | 2.695 | 2.668 | 2.645 | 2.624 | 2.606 | 2.589 | 2.561 | 2.538 | 2.519 | 2.503 | 2.489 | 2.440 | 2.412 | 2.393 | 2.380 | 2.370 | 2.363 | 2.356 | 2.347 | 2.341 | 2.329 | 2.303 |
| 3 | 53.59 | 9.162 | 5.391 | 4.191 | 3.619 | 3.289 | 3.074 | 2.924 | 2.813 | 2.728 | 2.660 | 2.606 | 2.560 | 2.522 | 2.490 | 2.462 | 2.437 | 2.416 | 2.397 | 2.380 | 2.351 | 2.327 | 2.307 | 2.291 | 2.276 | 2.226 | 2.197 | 2.177 | 2.164 | 2.154 | 2.146 | 2.139 | 2.130 | 2.123 | 2.111 | 2.084 |
| 4 | 55.83 | 9.243 | 5.343 | 4.107 | 3.520 | 3.181 | 2.961 | 2.806 | 2.693 | 2.605 | 2.536 | 2.480 | 2.434 | 2.395 | 2.361 | 2.333 | 2.308 | 2.286 | 2.266 | 2.249 | 2.219 | 2.195 | 2.174 | 2.157 | 2.142 | 2.091 | 2.061 | 2.041 | 2.027 | 2.016 | 2.008 | 2.002 | 1.992 | 1.985 | 1.973 | 1.945 |
| 5 | 57.24 | 9.293 | 5.309 | 4.051 | 3.453 | 3.108 | 2.883 | 2.726 | 2.611 | 2.522 | 2.451 | 2.394 | 2.347 | 2.307 | 2.273 | 2.244 | 2.218 | 2.196 | 2.176 | 2.158 | 2.128 | 2.103 | 2.082 | 2.064 | 2.049 | 1.997 | 1.966 | 1.946 | 1.931 | 1.921 | 1.912 | 1.906 | 1.896 | 1.889 | 1.876 | 1.847 |
| 6 | 58.20 | 9.326 | 5.285 | 4.010 | 3.405 | 3.055 | 2.827 | 2.668 | 2.551 | 2.461 | 2.389 | 2.331 | 2.283 | 2.243 | 2.208 | 2.178 | 2.152 | 2.130 | 2.109 | 2.091 | 2.060 | 2.035 | 2.014 | 1.996 | 1.980 | 1.927 | 1.895 | 1.875 | 1.860 | 1.849 | 1.841 | 1.834 | 1.824 | 1.817 | 1.804 | 1.774 |
| 7 | 58.91 | 9.349 | 5.266 | 3.979 | 3.368 | 3.014 | 2.785 | 2.624 | 2.505 | 2.414 | 2.342 | 2.283 | 2.234 | 2.193 | 2.158 | 2.128 | 2.102 | 2.079 | 2.058 | 2.040 | 2.008 | 1.983 | 1.961 | 1.943 | 1.927 | 1.873 | 1.840 | 1.819 | 1.804 | 1.793 | 1.785 | 1.778 | 1.767 | 1.760 | 1.747 | 1.717 |
| 8 | 59.44 | 9.367 | 5.252 | 3.955 | 3.339 | 2.983 | 2.752 | 2.589 | 2.469 | 2.377 | 2.304 | 2.245 | 2.195 | 2.154 | 2.119 | 2.088 | 2.061 | 2.038 | 2.017 | 1.999 | 1.967 | 1.941 | 1.919 | 1.900 | 1.884 | 1.829 | 1.796 | 1.775 | 1.760 | 1.748 | 1.739 | 1.732 | 1.722 | 1.714 | 1.701 | 1.670 |
| 9 | 59.86 | 9.381 | 5.240 | 3.936 | 3.316 | 2.958 | 2.725 | 2.561 | 2.440 | 2.347 | 2.274 | 2.214 | 2.164 | 2.122 | 2.086 | 2.055 | 2.028 | 2.005 | 1.984 | 1.965 | 1.933 | 1.906 | 1.884 | 1.865 | 1.849 | 1.793 | 1.760 | 1.738 | 1.723 | 1.711 | 1.702 | 1.695 | 1.684 | 1.677 | 1.663 | 1.632 |
| 10 | 60.19 | 9.392 | 5.230 | 3.920 | 3.297 | 2.937 | 2.703 | 2.538 | 2.416 | 2.323 | 2.248 | 2.188 | 2.138 | 2.095 | 2.059 | 2.028 | 2.001 | 1.977 | 1.956 | 1.937 | 1.904 | 1.877 | 1.855 | 1.836 | 1.819 | 1.763 | 1.729 | 1.707 | 1.691 | 1.680 | 1.670 | 1.663 | 1.652 | 1.645 | 1.631 | 1.599 |
| 11 | 60.47 | 9.401 | 5.222 | 3.907 | 3.282 | 2.920 | 2.684 | 2.519 | 2.396 | 2.302 | 2.227 | 2.166 | 2.116 | 2.073 | 2.037 | 2.005 | 1.978 | 1.954 | 1.932 | 1.913 | 1.880 | 1.853 | 1.830 | 1.811 | 1.794 | 1.737 | 1.703 | 1.680 | 1.665 | 1.653 | 1.643 | 1.636 | 1.625 | 1.617 | 1.603 | 1.570 |
| 12 | 60.71 | 9.408 | 5.216 | 3.896 | 3.268 | 2.905 | 2.668 | 2.502 | 2.379 | 2.284 | 2.209 | 2.147 | 2.097 | 2.054 | 2.017 | 1.985 | 1.958 | 1.933 | 1.912 | 1.892 | 1.859 | 1.832 | 1.809 | 1.790 | 1.773 | 1.715 | 1.680 | 1.657 | 1.641 | 1.629 | 1.620 | 1.612 | 1.601 | 1.593 | 1.579 | 1.546 |
| 13 | 60.90 | 9.415 | 5.210 | 3.886 | 3.257 | 2.892 | 2.654 | 2.488 | 2.364 | 2.269 | 2.193 | 2.131 | 2.080 | 2.037 | 2.000 | 1.968 | 1.940 | 1.916 | 1.894 | 1.875 | 1.841 | 1.814 | 1.790 | 1.771 | 1.754 | 1.695 | 1.660 | 1.637 | 1.621 | 1.609 | 1.599 | 1.592 | 1.580 | 1.572 | 1.558 | 1.524 |
| 14 | 61.07 | 9.420 | 5.205 | 3.878 | 3.247 | 2.881 | 2.643 | 2.475 | 2.351 | 2.255 | 2.179 | 2.117 | 2.066 | 2.022 | 1.985 | 1.953 | 1.925 | 1.900 | 1.878 | 1.859 | 1.825 | 1.797 | 1.774 | 1.754 | 1.737 | 1.678 | 1.643 | 1.619 | 1.603 | 1.590 | 1.581 | 1.573 | 1.562 | 1.553 | 1.539 | 1.505 |
| 15 | 61.22 | 9.425 | 5.200 | 3.870 | 3.238 | 2.871 | 2.632 | 2.464 | 2.340 | 2.244 | 2.167 | 2.105 | 2.053 | 2.010 | 1.972 | 1.940 | 1.912 | 1.887 | 1.865 | 1.845 | 1.811 | 1.783 | 1.760 | 1.740 | 1.722 | 1.662 | 1.627 | 1.603 | 1.587 | 1.574 | 1.564 | 1.557 | 1.545 | 1.537 | 1.522 | 1.487 |
| 16 | 61.35 | 9.429 | 5.196 | 3.864 | 3.230 | 2.863 | 2.623 | 2.454 | 2.330 | 2.233 | 2.156 | 2.094 | 2.042 | 1.998 | 1.961 | 1.928 | 1.900 | 1.875 | 1.852 | 1.833 | 1.798 | 1.770 | 1.747 | 1.726 | 1.709 | 1.649 | 1.613 | 1.589 | 1.572 | 1.559 | 1.550 | 1.542 | 1.530 | 1.522 | 1.507 | 1.471 |
| 17 | 61.46 | 9.433 | 5.193 | 3.858 | 3.223 | 2.855 | 2.615 | 2.446 | 2.320 | 2.224 | 2.147 | 2.084 | 2.032 | 1.988 | 1.950 | 1.917 | 1.889 | 1.864 | 1.841 | 1.821 | 1.787 | 1.759 | 1.735 | 1.715 | 1.697 | 1.636 | 1.600 | 1.576 | 1.559 | 1.546 | 1.536 | 1.528 | 1.516 | 1.508 | 1.493 | 1.457 |
| 18 | 61.57 | 9.436 | 5.190 | 3.853 | 3.217 | 2.848 | 2.607 | 2.438 | 2.312 | 2.215 | 2.138 | 2.075 | 2.023 | 1.978 | 1.941 | 1.908 | 1.879 | 1.854 | 1.831 | 1.811 | 1.777 | 1.748 | 1.724 | 1.704 | 1.686 | 1.625 | 1.588 | 1.564 | 1.547 | 1.534 | 1.524 | 1.516 | 1.504 | 1.495 | 1.480 | 1.444 |
| 19 | 61.66 | 9.439 | 5.187 | 3.848 | 3.212 | 2.842 | 2.601 | 2.431 | 2.305 | 2.208 | 2.130 | 2.067 | 2.014 | 1.970 | 1.932 | 1.899 | 1.870 | 1.845 | 1.822 | 1.802 | 1.768 | 1.739 | 1.715 | 1.694 | 1.676 | 1.615 | 1.578 | 1.553 | 1.536 | 1.523 | 1.513 | 1.505 | 1.493 | 1.484 | 1.468 | 1.432 |
| 20 | 61.74 | 9.441 | 5.184 | 3.844 | 3.207 | 2.836 | 2.595 | 2.425 | 2.298 | 2.201 | 2.123 | 2.060 | 2.007 | 1.962 | 1.924 | 1.891 | 1.862 | 1.837 | 1.814 | 1.794 | 1.759 | 1.730 | 1.706 | 1.685 | 1.667 | 1.605 | 1.568 | 1.543 | 1.526 | 1.513 | 1.503 | 1.494 | 1.482 | 1.473 | 1.458 | 1.421 |
| 21 | 61.81 | 9.444 | 5.182 | 3.841 | 3.202 | 2.831 | 2.589 | 2.419 | 2.292 | 2.194 | 2.117 | 2.053 | 2.000 | 1.955 | 1.917 | 1.884 | 1.855 | 1.829 | 1.807 | 1.786 | 1.751 | 1.722 | 1.698 | 1.677 | 1.659 | 1.596 | 1.559 | 1.534 | 1.517 | 1.503 | 1.493 | 1.485 | 1.472 | 1.464 | 1.448 | 1.410 |
| 22 | 61.88 | 9.446 | 5.180 | 3.837 | 3.198 | 2.827 | 2.584 | 2.414 | 2.287 | 2.189 | 2.111 | 2.047 | 1.994 | 1.949 | 1.911 | 1.877 | 1.848 | 1.823 | 1.800 | 1.779 | 1.744 | 1.715 | 1.690 | 1.669 | 1.651 | 1.588 | 1.551 | 1.526 | 1.508 | 1.495 | 1.484 | 1.476 | 1.463 | 1.454 | 1.438 | 1.401 |
| 23 | 61.94 | 9.448 | 5.178 | 3.834 | 3.194 | 2.822 | 2.580 | 2.409 | 2.282 | 2.183 | 2.105 | 2.041 | 1.988 | 1.943 | 1.905 | 1.871 | 1.842 | 1.816 | 1.793 | 1.773 | 1.737 | 1.708 | 1.683 | 1.662 | 1.644 | 1.581 | 1.543 | 1.518 | 1.500 | 1.487 | 1.476 | 1.468 | 1.455 | 1.446 | 1.430 | 1.392 |
| 24 | 62.00 | 9.450 | 5.176 | 3.831 | 3.191 | 2.818 | 2.575 | 2.404 | 2.277 | 2.178 | 2.100 | 2.036 | 1.983 | 1.938 | 1.899 | 1.866 | 1.836 | 1.810 | 1.787 | 1.767 | 1.731 | 1.702 | 1.677 | 1.656 | 1.638 | 1.574 | 1.536 | 1.511 | 1.493 | 1.479 | 1.468 | 1.460 | 1.447 | 1.438 | 1.422 | 1.383 |
| 25 | 62.05 | 9.451 | 5.175 | 3.828 | 3.187 | 2.815 | 2.571 | 2.400 | 2.272 | 2.174 | 2.095 | 2.031 | 1.978 | 1.933 | 1.894 | 1.860 | 1.831 | 1.805 | 1.782 | 1.761 | 1.726 | 1.696 | 1.671 | 1.650 | 1.632 | 1.568 | 1.529 | 1.504 | 1.486 | 1.472 | 1.461 | 1.453 | 1.440 | 1.431 | 1.414 | 1.375 |
| 26 | 62.10 | 9.453 | 5.173 | 3.826 | 3.184 | 2.811 | 2.568 | 2.396 | 2.268 | 2.170 | 2.091 | 2.027 | 1.973 | 1.928 | 1.889 | 1.855 | 1.826 | 1.800 | 1.777 | 1.756 | 1.720 | 1.691 | 1.666 | 1.644 | 1.626 | 1.562 | 1.523 | 1.498 | 1.479 | 1.465 | 1.455 | 1.446 | 1.433 | 1.424 | 1.407 | 1.368 |
| 27 | 62.15 | 9.454 | 5.172 | 3.823 | 3.181 | 2.808 | 2.564 | 2.392 | 2.265 | 2.166 | 2.087 | 2.022 | 1.969 | 1.923 | 1.885 | 1.851 | 1.821 | 1.795 | 1.772 | 1.751 | 1.715 | 1.686 | 1.660 | 1.639 | 1.621 | 1.556 | 1.517 | 1.492 | 1.473 | 1.459 | 1.448 | 1.440 | 1.427 | 1.417 | 1.400 | 1.361 |
| 28 | 62.19 | 9.456 | 5.170 | 3.821 | 3.179 | 2.805 | 2.561 | 2.389 | 2.261 | 2.162 | 2.083 | 2.019 | 1.965 | 1.919 | 1.880 | 1.847 | 1.817 | 1.791 | 1.767 | 1.746 | 1.711 | 1.681 | 1.656 | 1.634 | 1.616 | 1.551 | 1.512 | 1.486 | 1.467 | 1.453 | 1.442 | 1.434 | 1.421 | 1.411 | 1.394 | 1.354 |
| 29 | 62.23 | 9.457 | 5.169 | 3.819 | 3.176 | 2.803 | 2.558 | 2.386 | 2.258 | 2.159 | 2.080 | 2.015 | 1.961 | 1.916 | 1.876 | 1.843 | 1.813 | 1.787 | 1.763 | 1.742 | 1.706 | 1.676 | 1.651 | 1.630 | 1.611 | 1.546 | 1.507 | 1.481 | 1.462 | 1.448 | 1.437 | 1.428 | 1.415 | 1.405 | 1.388 | 1.348 |
| 30 | 62.26 | 9.458 | 5.168 | 3.817 | 3.174 | 2.800 | 2.555 | 2.383 | 2.255 | 2.155 | 2.076 | 2.011 | 1.958 | 1.912 | 1.873 | 1.839 | 1.809 | 1.783 | 1.759 | 1.738 | 1.702 | 1.672 | 1.647 | 1.625 | 1.606 | 1.541 | 1.502 | 1.476 | 1.457 | 1.443 | 1.432 | 1.423 | 1.409 | 1.400 | 1.383 | 1.342 |
| 40 | 62.53 | 9.466 | 5.160 | 3.804 | 3.157 | 2.781 | 2.535 | 2.361 | 2.232 | 2.132 | 2.052 | 1.986 | 1.931 | 1.885 | 1.845 | 1.811 | 1.781 | 1.754 | 1.730 | 1.708 | 1.671 | 1.641 | 1.615 | 1.592 | 1.573 | 1.506 | 1.465 | 1.437 | 1.418 | 1.403 | 1.391 | 1.382 | 1.368 | 1.357 | 1.339 | 1.295 |
| 50 | 62.69 | 9.471 | 5.155 | 3.795 | 3.147 | 2.770 | 2.523 | 2.348 | 2.218 | 2.117 | 2.036 | 1.970 | 1.915 | 1.869 | 1.828 | 1.793 | 1.763 | 1.736 | 1.711 | 1.690 | 1.652 | 1.621 | 1.594 | 1.572 | 1.552 | 1.483 | 1.441 | 1.413 | 1.392 | 1.377 | 1.365 | 1.355 | 1.340 | 1.329 | 1.310 | 1.263 |
| 60 | 62.79 | 9.475 | 5.151 | 3.790 | 3.140 | 2.762 | 2.514 | 2.339 | 2.208 | 2.107 | 2.026 | 1.960 | 1.904 | 1.857 | 1.817 | 1.782 | 1.751 | 1.723 | 1.699 | 1.677 | 1.639 | 1.607 | 1.581 | 1.558 | 1.538 | 1.467 | 1.424 | 1.395 | 1.374 | 1.358 | 1.346 | 1.336 | 1.320 | 1.309 | 1.289 | 1.240 |
| 70 | 62.87 | 9.477 | 5.149 | 3.786 | 3.135 | 2.756 | 2.508 | 2.333 | 2.202 | 2.100 | 2.019 | 1.952 | 1.896 | 1.849 | 1.808 | 1.773 | 1.742 | 1.714 | 1.690 | 1.667 | 1.629 | 1.597 | 1.570 | 1.547 | 1.527 | 1.455 | 1.412 | 1.382 | 1.361 | 1.344 | 1.332 | 1.321 | 1.305 | 1.294 | 1.273 | 1.222 |
| 80 | 62.93 | 9.479 | 5.147 | 3.782 | 3.132 | 2.752 | 2.504 | 2.328 | 2.196 | 2.095 | 2.013 | 1.946 | 1.890 | 1.843 | 1.802 | 1.766 | 1.735 | 1.707 | 1.683 | 1.660 | 1.622 | 1.590 | 1.562 | 1.539 | 1.519 | 1.447 | 1.402 | 1.372 | 1.350 | 1.334 | 1.321 | 1.310 | 1.294 | 1.282 | 1.261 | 1.207 |
| 90 | 62.97 | 9.480 | 5.145 | 3.780 | 3.129 | 2.749 | 2.500 | 2.324 | 2.192 | 2.090 | 2.009 | 1.942 | 1.886 | 1.838 | 1.797 | 1.761 | 1.730 | 1.702 | 1.677 | 1.655 | 1.616 | 1.584 | 1.556 | 1.533 | 1.512 | 1.439 | 1.395 | 1.364 | 1.342 | 1.325 | 1.312 | 1.301 | 1.284 | 1.272 | 1.250 | 1.195 |
| 100 | 63.01 | 9.481 | 5.144 | 3.778 | 3.126 | 2.746 | 2.497 | 2.321 | 2.189 | 2.087 | 2.005 | 1.938 | 1.882 | 1.834 | 1.793 | 1.757 | 1.726 | 1.698 | 1.673 | 1.650 | 1.611 | 1.579 | 1.551 | 1.528 | 1.507 | 1.434 | 1.388 | 1.358 | 1.335 | 1.318 | 1.304 | 1.293 | 1.277 | 1.264 | 1.242 | 1.185 |
| 120 | 63.06 | 9.483 | 5.143 | 3.775 | 3.123 | 2.742 | 2.493 | 2.316 | 2.184 | 2.082 | 2.000 | 1.932 | 1.876 | 1.828 | 1.787 | 1.751 | 1.719 | 1.691 | 1.666 | 1.643 | 1.604 | 1.571 | 1.544 | 1.520 | 1.499 | 1.425 | 1.379 | 1.348 | 1.325 | 1.307 | 1.293 | 1.282 | 1.265 | 1.252 | 1.228 | 1.169 |
| 140 | 63.10 | 9.484 | 5.141 | 3.773 | 3.120 | 2.739 | 2.490 | 2.313 | 2.181 | 2.078 | 1.996 | 1.928 | 1.872 | 1.824 | 1.782 | 1.746 | 1.714 | 1.686 | 1.661 | 1.638 | 1.599 | 1.566 | 1.538 | 1.514 | 1.493 | 1.418 | 1.372 | 1.340 | 1.317 | 1.299 | 1.285 | 1.273 | 1.256 | 1.243 | 1.218 | 1.156 |
| 200 | 63.17 | 9.486 | 5.139 | 3.769 | 3.116 | 2.734 | 2.484 | 2.307 | 2.174 | 2.071 | 1.989 | 1.921 | 1.864 | 1.816 | 1.774 | 1.738 | 1.706 | 1.678 | 1.652 | 1.629 | 1.590 | 1.556 | 1.528 | 1.504 | 1.482 | 1.406 | 1.359 | 1.326 | 1.302 | 1.284 | 1.269 | 1.257 | 1.239 | 1.225 | 1.199 | 1.130 |
| ∞ | 63.33 | 9.491 | 5.134 | 3.761 | 3.105 | 2.722 | 2.471 | 2.293 | 2.159 | 2.055 | 1.972 | 1.904 | 1.846 | 1.797 | 1.755 | 1.718 | 1.686 | 1.657 | 1.631 | 1.607 | 1.567 | 1.533 | 1.504 | 1.478 | 1.456 | 1.377 | 1.327 | 1.291 | 1.265 | 1.245 | 1.228 | 1.214 | 1.193 | 1.176 | 1.144 | 1.000 |

# Tavola dei quantili 0.95 della distribuzione F(m,n) [α=0.05]



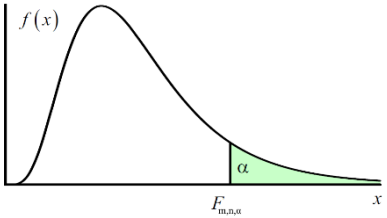

| | n | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| m | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 200 | ∞ |
| 1 | 161.45 | 18.513 | 10.128 | 7.709 | 6.608 | 5.987 | 5.591 | 5.318 | 5.117 | 4.965 | 4.844 | 4.747 | 4.667 | 4.600 | 4.543 | 4.494 | 4.451 | 4.414 | 4.381 | 4.351 | 4.301 | 4.260 | 4.225 | 4.196 | 4.171 | 4.085 | 4.034 | 4.001 | 3.978 | 3.960 | 3.947 | 3.936 | 3.920 | 3.909 | 3.888 | 3.841 |
| 2 | 199.50 | 19.000 | 9.552 | 6.944 | 5.786 | 5.143 | 4.737 | 4.459 | 4.256 | 4.103 | 3.982 | 3.885 | 3.806 | 3.739 | 3.682 | 3.634 | 3.592 | 3.555 | 3.522 | 3.493 | 3.443 | 3.403 | 3.369 | 3.340 | 3.316 | 3.232 | 3.183 | 3.150 | 3.128 | 3.111 | 3.098 | 3.087 | 3.072 | 3.061 | 3.041 | 2.996 |
| 3 | 215.71 | 19.164 | 9.277 | 6.591 | 5.409 | 4.757 | 4.347 | 4.066 | 3.863 | 3.708 | 3.587 | 3.490 | 3.411 | 3.344 | 3.287 | 3.239 | 3.197 | 3.160 | 3.127 | 3.098 | 3.049 | 3.009 | 2.975 | 2.947 | 2.922 | 2.839 | 2.790 | 2.758 | 2.736 | 2.719 | 2.706 | 2.696 | 2.680 | 2.669 | 2.650 | 2.605 |
| 4 | 224.58 | 19.247 | 9.117 | 6.388 | 5.192 | 4.534 | 4.120 | 3.838 | 3.633 | 3.478 | 3.357 | 3.259 | 3.179 | 3.112 | 3.056 | 3.007 | 2.965 | 2.928 | 2.895 | 2.866 | 2.817 | 2.776 | 2.743 | 2.714 | 2.690 | 2.606 | 2.557 | 2.525 | 2.503 | 2.486 | 2.473 | 2.463 | 2.447 | 2.436 | 2.417 | 2.372 |
| 5 | 230.16 | 19.296 | 9.013 | 6.256 | 5.050 | 4.387 | 3.972 | 3.688 | 3.482 | 3.326 | 3.204 | 3.106 | 3.025 | 2.958 | 2.901 | 2.852 | 2.810 | 2.773 | 2.740 | 2.711 | 2.661 | 2.621 | 2.587 | 2.558 | 2.534 | 2.449 | 2.400 | 2.368 | 2.346 | 2.329 | 2.316 | 2.305 | 2.290 | 2.279 | 2.259 | 2.214 |
| 6 | 233.99 | 19.329 | 8.941 | 6.163 | 4.950 | 4.284 | 3.866 | 3.581 | 3.374 | 3.217 | 3.095 | 2.996 | 2.915 | 2.848 | 2.790 | 2.741 | 2.699 | 2.661 | 2.628 | 2.599 | 2.549 | 2.508 | 2.474 | 2.445 | 2.421 | 2.336 | 2.286 | 2.254 | 2.231 | 2.214 | 2.201 | 2.191 | 2.175 | 2.164 | 2.144 | 2.099 |
| 7 | 236.77 | 19.353 | 8.887 | 6.094 | 4.876 | 4.207 | 3.787 | 3.500 | 3.293 | 3.135 | 3.012 | 2.913 | 2.832 | 2.764 | 2.707 | 2.657 | 2.614 | 2.577 | 2.544 | 2.514 | 2.464 | 2.423 | 2.388 | 2.359 | 2.334 | 2.249 | 2.199 | 2.167 | 2.143 | 2.126 | 2.113 | 2.103 | 2.087 | 2.076 | 2.056 | 2.010 |
| 8 | 238.88 | 19.371 | 8.845 | 6.041 | 4.818 | 4.147 | 3.726 | 3.438 | 3.230 | 3.072 | 2.948 | 2.849 | 2.767 | 2.699 | 2.641 | 2.591 | 2.548 | 2.510 | 2.477 | 2.447 | 2.397 | 2.355 | 2.321 | 2.291 | 2.266 | 2.180 | 2.130 | 2.097 | 2.074 | 2.056 | 2.043 | 2.032 | 2.016 | 2.005 | 1.985 | 1.938 |
| 9 | 240.54 | 19.385 | 8.812 | 5.999 | 4.772 | 4.099 | 3.677 | 3.388 | 3.179 | 3.020 | 2.896 | 2.796 | 2.714 | 2.646 | 2.588 | 2.538 | 2.494 | 2.456 | 2.423 | 2.393 | 2.342 | 2.300 | 2.265 | 2.236 | 2.211 | 2.124 | 2.073 | 2.040 | 2.017 | 1.999 | 1.986 | 1.975 | 1.959 | 1.947 | 1.927 | 1.880 |
| 10 | 241.88 | 19.396 | 8.785 | 5.964 | 4.735 | 4.060 | 3.637 | 3.347 | 3.137 | 2.978 | 2.854 | 2.753 | 2.671 | 2.602 | 2.544 | 2.494 | 2.450 | 2.412 | 2.378 | 2.348 | 2.297 | 2.255 | 2.220 | 2.190 | 2.165 | 2.077 | 2.026 | 1.993 | 1.969 | 1.951 | 1.938 | 1.927 | 1.910 | 1.899 | 1.878 | 1.831 |
| 11 | 242.98 | 19.405 | 8.763 | 5.936 | 4.704 | 4.027 | 3.603 | 3.313 | 3.102 | 2.943 | 2.818 | 2.717 | 2.635 | 2.565 | 2.507 | 2.456 | 2.413 | 2.374 | 2.340 | 2.310 | 2.259 | 2.216 | 2.181 | 2.151 | 2.126 | 2.038 | 1.986 | 1.952 | 1.928 | 1.910 | 1.897 | 1.886 | 1.869 | 1.858 | 1.837 | 1.789 |
| 12 | 243.90 | 19.412 | 8.745 | 5.912 | 4.678 | 4.000 | 3.575 | 3.284 | 3.073 | 2.913 | 2.788 | 2.687 | 2.604 | 2.534 | 2.475 | 2.425 | 2.381 | 2.342 | 2.308 | 2.278 | 2.226 | 2.183 | 2.148 | 2.118 | 2.092 | 2.003 | 1.952 | 1.917 | 1.893 | 1.875 | 1.861 | 1.850 | 1.834 | 1.822 | 1.801 | 1.752 |
| 13 | 244.69 | 19.419 | 8.729 | 5.891 | 4.655 | 3.976 | 3.550 | 3.259 | 3.048 | 2.887 | 2.761 | 2.660 | 2.577 | 2.507 | 2.448 | 2.397 | 2.353 | 2.314 | 2.280 | 2.250 | 2.198 | 2.155 | 2.119 | 2.089 | 2.063 | 1.974 | 1.921 | 1.887 | 1.863 | 1.845 | 1.830 | 1.819 | 1.803 | 1.791 | 1.769 | 1.720 |
| 14 | 245.36 | 19.424 | 8.715 | 5.873 | 4.636 | 3.956 | 3.529 | 3.237 | 3.025 | 2.865 | 2.739 | 2.637 | 2.554 | 2.484 | 2.424 | 2.373 | 2.329 | 2.290 | 2.256 | 2.225 | 2.173 | 2.130 | 2.094 | 2.064 | 2.037 | 1.948 | 1.895 | 1.860 | 1.836 | 1.817 | 1.803 | 1.792 | 1.775 | 1.763 | 1.742 | 1.692 |
| 15 | 245.95 | 19.429 | 8.703 | 5.858 | 4.619 | 3.938 | 3.511 | 3.218 | 3.006 | 2.845 | 2.719 | 2.617 | 2.533 | 2.463 | 2.403 | 2.352 | 2.308 | 2.269 | 2.234 | 2.203 | 2.151 | 2.108 | 2.072 | 2.041 | 2.015 | 1.924 | 1.871 | 1.836 | 1.812 | 1.793 | 1.779 | 1.768 | 1.750 | 1.738 | 1.717 | 1.666 |
| 16 | 246.47 | 19.433 | 8.692 | 5.844 | 4.604 | 3.922 | 3.494 | 3.202 | 2.989 | 2.828 | 2.701 | 2.599 | 2.515 | 2.445 | 2.385 | 2.333 | 2.289 | 2.250 | 2.215 | 2.184 | 2.131 | 2.088 | 2.052 | 2.021 | 1.995 | 1.904 | 1.850 | 1.815 | 1.790 | 1.772 | 1.757 | 1.746 | 1.728 | 1.716 | 1.694 | 1.644 |
| 17 | 246.92 | 19.437 | 8.683 | 5.832 | 4.590 | 3.908 | 3.480 | 3.187 | 2.974 | 2.812 | 2.685 | 2.583 | 2.499 | 2.428 | 2.368 | 2.317 | 2.272 | 2.233 | 2.198 | 2.167 | 2.114 | 2.070 | 2.034 | 2.003 | 1.976 | 1.885 | 1.831 | 1.796 | 1.771 | 1.752 | 1.737 | 1.726 | 1.709 | 1.696 | 1.674 | 1.623 |
| 18 | 247.32 | 19.440 | 8.675 | 5.821 | 4.579 | 3.896 | 3.467 | 3.173 | 2.960 | 2.798 | 2.671 | 2.568 | 2.484 | 2.413 | 2.353 | 2.302 | 2.257 | 2.217 | 2.182 | 2.151 | 2.098 | 2.054 | 2.018 | 1.987 | 1.960 | 1.868 | 1.814 | 1.778 | 1.753 | 1.734 | 1.720 | 1.708 | 1.690 | 1.678 | 1.656 | 1.604 |
| 19 | 247.69 | 19.443 | 8.667 | 5.811 | 4.568 | 3.884 | 3.455 | 3.161 | 2.948 | 2.785 | 2.658 | 2.555 | 2.471 | 2.400 | 2.340 | 2.288 | 2.243 | 2.203 | 2.168 | 2.137 | 2.084 | 2.040 | 2.003 | 1.972 | 1.945 | 1.853 | 1.798 | 1.763 | 1.737 | 1.718 | 1.703 | 1.691 | 1.674 | 1.661 | 1.639 | 1.586 |
| 20 | 248.02 | 19.446 | 8.660 | 5.803 | 4.558 | 3.874 | 3.445 | 3.150 | 2.936 | 2.774 | 2.646 | 2.544 | 2.459 | 2.388 | 2.328 | 2.276 | 2.230 | 2.191 | 2.155 | 2.124 | 2.071 | 2.027 | 1.990 | 1.959 | 1.932 | 1.839 | 1.784 | 1.748 | 1.722 | 1.703 | 1.688 | 1.676 | 1.659 | 1.646 | 1.623 | 1.571 |
| 21 | 248.31 | 19.448 | 8.654 | 5.795 | 4.549 | 3.865 | 3.435 | 3.140 | 2.926 | 2.764 | 2.636 | 2.533 | 2.448 | 2.377 | 2.316 | 2.264 | 2.219 | 2.179 | 2.144 | 2.112 | 2.059 | 2.015 | 1.978 | 1.946 | 1.919 | 1.826 | 1.771 | 1.735 | 1.709 | 1.689 | 1.675 | 1.663 | 1.645 | 1.632 | 1.609 | 1.556 |
| 22 | 248.58 | 19.450 | 8.648 | 5.787 | 4.541 | 3.856 | 3.426 | 3.131 | 2.917 | 2.754 | 2.626 | 2.523 | 2.438 | 2.367 | 2.306 | 2.254 | 2.208 | 2.168 | 2.133 | 2.102 | 2.048 | 2.003 | 1.966 | 1.935 | 1.908 | 1.814 | 1.759 | 1.722 | 1.696 | 1.677 | 1.662 | 1.650 | 1.632 | 1.619 | 1.596 | 1.542 |
| 23 | 248.82 | 19.452 | 8.643 | 5.781 | 4.534 | 3.849 | 3.418 | 3.123 | 2.908 | 2.745 | 2.617 | 2.514 | 2.429 | 2.357 | 2.297 | 2.244 | 2.199 | 2.159 | 2.123 | 2.092 | 2.038 | 1.993 | 1.956 | 1.924 | 1.897 | 1.803 | 1.748 | 1.711 | 1.685 | 1.665 | 1.650 | 1.638 | 1.620 | 1.607 | 1.583 | 1.529 |
| 24 | 249.05 | 19.454 | 8.638 | 5.774 | 4.527 | 3.841 | 3.410 | 3.115 | 2.900 | 2.737 | 2.609 | 2.505 | 2.420 | 2.349 | 2.288 | 2.235 | 2.190 | 2.150 | 2.114 | 2.082 | 2.028 | 1.984 | 1.946 | 1.915 | 1.887 | 1.793 | 1.737 | 1.700 | 1.674 | 1.654 | 1.639 | 1.627 | 1.608 | 1.595 | 1.572 | 1.517 |
| 25 | 249.26 | 19.456 | 8.634 | 5.769 | 4.521 | 3.835 | 3.404 | 3.108 | 2.893 | 2.730 | 2.601 | 2.498 | 2.412 | 2.341 | 2.280 | 2.227 | 2.181 | 2.141 | 2.106 | 2.074 | 2.020 | 1.975 | 1.938 | 1.906 | 1.878 | 1.783 | 1.727 | 1.690 | 1.664 | 1.644 | 1.629 | 1.616 | 1.598 | 1.585 | 1.561 | 1.506 |
| 26 | 249.45 | 19.457 | 8.630 | 5.763 | 4.515 | 3.829 | 3.397 | 3.102 | 2.886 | 2.723 | 2.594 | 2.491 | 2.405 | 2.333 | 2.272 | 2.220 | 2.174 | 2.134 | 2.098 | 2.066 | 2.012 | 1.967 | 1.929 | 1.897 | 1.870 | 1.775 | 1.718 | 1.681 | 1.654 | 1.634 | 1.619 | 1.607 | 1.588 | 1.575 | 1.551 | 1.496 |
| 27 | 249.63 | 19.459 | 8.626 | 5.759 | 4.510 | 3.823 | 3.391 | 3.095 | 2.880 | 2.716 | 2.588 | 2.484 | 2.398 | 2.326 | 2.265 | 2.212 | 2.167 | 2.126 | 2.090 | 2.059 | 2.004 | 1.959 | 1.921 | 1.889 | 1.862 | 1.766 | 1.710 | 1.672 | 1.646 | 1.626 | 1.610 | 1.598 | 1.579 | 1.566 | 1.542 | 1.486 |
| 28 | 249.80 | 19.460 | 8.623 | 5.754 | 4.505 | 3.818 | 3.386 | 3.090 | 2.874 | 2.710 | 2.582 | 2.478 | 2.392 | 2.320 | 2.259 | 2.206 | 2.160 | 2.119 | 2.084 | 2.052 | 1.997 | 1.952 | 1.914 | 1.882 | 1.854 | 1.759 | 1.702 | 1.664 | 1.637 | 1.617 | 1.601 | 1.589 | 1.570 | 1.557 | 1.533 | 1.476 |
| 29 | 249.95 | 19.461 | 8.620 | 5.750 | 4.500 | 3.813 | 3.381 | 3.084 | 2.869 | 2.705 | 2.576 | 2.472 | 2.386 | 2.314 | 2.253 | 2.200 | 2.154 | 2.113 | 2.077 | 2.045 | 1.990 | 1.945 | 1.907 | 1.875 | 1.847 | 1.751 | 1.694 | 1.656 | 1.629 | 1.609 | 1.593 | 1.581 | 1.562 | 1.549 | 1.524 | 1.467 |
| 30 | 250.10 | 19.463 | 8.617 | 5.746 | 4.496 | 3.808 | 3.376 | 3.079 | 2.864 | 2.700 | 2.570 | 2.466 | 2.380 | 2.308 | 2.247 | 2.194 | 2.148 | 2.107 | 2.071 | 2.039 | 1.984 | 1.939 | 1.901 | 1.869 | 1.841 | 1.744 | 1.687 | 1.649 | 1.622 | 1.602 | 1.586 | 1.573 | 1.554 | 1.541 | 1.516 | 1.459 |
| 40 | 251.14 | 19.471 | 8.594 | 5.717 | 4.464 | 3.774 | 3.340 | 3.043 | 2.826 | 2.661 | 2.531 | 2.426 | 2.339 | 2.266 | 2.204 | 2.151 | 2.104 | 2.063 | 2.026 | 1.994 | 1.938 | 1.892 | 1.853 | 1.820 | 1.792 | 1.693 | 1.634 | 1.594 | 1.566 | 1.545 | 1.528 | 1.515 | 1.495 | 1.481 | 1.455 | 1.394 |
| 50 | 251.77 | 19.476 | 8.581 | 5.699 | 4.444 | 3.754 | 3.319 | 3.020 | 2.803 | 2.637 | 2.507 | 2.401 | 2.314 | 2.241 | 2.178 | 2.124 | 2.077 | 2.035 | 1.999 | 1.966 | 1.909 | 1.863 | 1.823 | 1.790 | 1.761 | 1.660 | 1.599 | 1.559 | 1.530 | 1.508 | 1.491 | 1.477 | 1.457 | 1.442 | 1.415 | 1.350 |
| 60 | 252.20 | 19.479 | 8.572 | 5.688 | 4.431 | 3.740 | 3.304 | 3.005 | 2.787 | 2.621 | 2.490 | 2.384 | 2.297 | 2.223 | 2.160 | 2.106 | 2.058 | 2.017 | 1.980 | 1.946 | 1.889 | 1.842 | 1.803 | 1.769 | 1.740 | 1.637 | 1.576 | 1.534 | 1.505 | 1.482 | 1.465 | 1.450 | 1.429 | 1.414 | 1.386 | 1.318 |
| 70 | 252.50 | 19.481 | 8.566 | 5.679 | 4.422 | 3.730 | 3.294 | 2.994 | 2.776 | 2.609 | 2.478 | 2.372 | 2.284 | 2.210 | 2.147 | 2.093 | 2.045 | 2.003 | 1.966 | 1.932 | 1.875 | 1.828 | 1.788 | 1.754 | 1.724 | 1.621 | 1.558 | 1.516 | 1.486 | 1.463 | 1.445 | 1.430 | 1.408 | 1.393 | 1.364 | 1.293 |
| 80 | 252.72 | 19.483 | 8.561 | 5.673 | 4.415 | 3.722 | 3.286 | 2.986 | 2.768 | 2.601 | 2.469 | 2.363 | 2.275 | 2.201 | 2.137 | 2.083 | 2.035 | 1.993 | 1.955 | 1.922 | 1.864 | 1.816 | 1.776 | 1.742 | 1.712 | 1.608 | 1.544 | 1.502 | 1.471 | 1.448 | 1.429 | 1.415 | 1.392 | 1.376 | 1.346 | 1.273 |
| 90 | 252.90 | 19.485 | 8.557 | 5.668 | 4.409 | 3.716 | 3.280 | 2.980 | 2.761 | 2.594 | 2.462 | 2.356 | 2.267 | 2.193 | 2.130 | 2.075 | 2.027 | 1.985 | 1.947 | 1.913 | 1.856 | 1.808 | 1.767 | 1.733 | 1.703 | 1.597 | 1.534 | 1.491 | 1.459 | 1.436 | 1.417 | 1.402 | 1.379 | 1.363 | 1.332 | 1.257 |
| 100 | 253.04 | 19.486 | 8.554 | 5.664 | 4.405 | 3.712 | 3.275 | 2.975 | 2.756 | 2.588 | 2.457 | 2.350 | 2.261 | 2.187 | 2.123 | 2.068 | 2.020 | 1.978 | 1.940 | 1.907 | 1.849 | 1.800 | 1.760 | 1.725 | 1.695 | 1.589 | 1.525 | 1.481 | 1.450 | 1.426 | 1.407 | 1.392 | 1.369 | 1.352 | 1.321 | 1.243 |
| 120 | 253.25 | 19.487 | 8.549 | 5.658 | 4.398 | 3.705 | 3.267 | 2.967 | 2.748 | 2.580 | 2.448 | 2.341 | 2.252 | 2.178 | 2.114 | 2.059 | 2.011 | 1.968 | 1.930 | 1.896 | 1.838 | 1.790 | 1.749 | 1.714 | 1.683 | 1.577 | 1.511 | 1.467 | 1.435 | 1.411 | 1.391 | 1.376 | 1.352 | 1.335 | 1.302 | 1.221 |
| 140 | 253.41 | 19.489 | 8.546 | 5.654 | 4.394 | 3.700 | 3.262 | 2.961 | 2.742 | 2.574 | 2.442 | 2.335 | 2.246 | 2.171 | 2.107 | 2.052 | 2.004 | 1.961 | 1.923 | 1.889 | 1.830 | 1.782 | 1.741 | 1.706 | 1.675 | 1.567 | 1.502 | 1.457 | 1.424 | 1.399 | 1.380 | 1.364 | 1.340 | 1.322 | 1.289 | 1.204 |
| 200 | 253.68 | 19.491 | 8.540 | 5.646 | 4.385 | 3.690 | 3.252 | 2.951 | 2.731 | 2.563 | 2.431 | 2.323 | 2.234 | 2.159 | 2.095 | 2.039 | 1.991 | 1.948 | 1.910 | 1.875 | 1.817 | 1.768 | 1.726 | 1.691 | 1.660 | 1.551 | 1.484 | 1.438 | 1.404 | 1.379 | 1.358 | 1.342 | 1.316 | 1.298 | 1.263 | 1.170 |
| ∞ | 254.31 | 19.496 | 8.526 | 5.628 | 4.365 | 3.669 | 3.230 | 2.928 | 2.707 | 2.538 | 2.404 | 2.296 | 2.206 | 2.131 | 2.066 | 2.010 | 1.960 | 1.917 | 1.878 | 1.843 | 1.783 | 1.733 | 1.691 | 1.654 | 1.622 | 1.509 | 1.438 | 1.389 | 1.353 | 1.325 | 1.302 | 1.283 | 1.254 | 1.232 | 1.189 | 1.000 |

# Tavola dei quantili 0.975 della distribuzione F(m,n) [α=0.025]



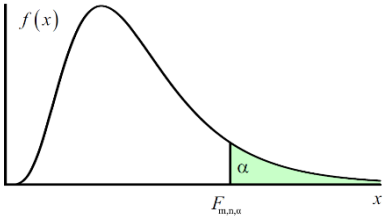

| | n | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| m | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 200 | ∞ |
| 1 | 647.8 | 38.506 | 17.443 | 12.218 | 10.007 | 8.813 | 8.073 | 7.571 | 7.209 | 6.937 | 6.724 | 6.554 | 6.414 | 6.298 | 6.200 | 6.115 | 6.042 | 5.978 | 5.922 | 5.871 | 5.786 | 5.717 | 5.659 | 5.610 | 5.568 | 5.424 | 5.340 | 5.286 | 5.247 | 5.218 | 5.196 | 5.179 | 5.152 | 5.134 | 5.100 | 5.024 |
| 2 | 799.5 | 39.000 | 16.044 | 10.649 | 8.434 | 7.260 | 6.542 | 6.059 | 5.715 | 5.456 | 5.256 | 5.096 | 4.965 | 4.857 | 4.765 | 4.687 | 4.619 | 4.560 | 4.508 | 4.461 | 4.383 | 4.319 | 4.265 | 4.221 | 4.182 | 4.051 | 3.975 | 3.925 | 3.890 | 3.864 | 3.844 | 3.828 | 3.805 | 3.788 | 3.758 | 3.689 |
| 3 | 864.2 | 39.166 | 15.439 | 9.979 | 7.764 | 6.599 | 5.890 | 5.416 | 5.078 | 4.826 | 4.630 | 4.474 | 4.347 | 4.242 | 4.153 | 4.077 | 4.011 | 3.954 | 3.903 | 3.859 | 3.783 | 3.721 | 3.670 | 3.626 | 3.589 | 3.463 | 3.390 | 3.343 | 3.309 | 3.284 | 3.265 | 3.250 | 3.227 | 3.211 | 3.182 | 3.116 |
| 4 | 899.6 | 39.248 | 15.101 | 9.604 | 7.388 | 6.227 | 5.523 | 5.053 | 4.718 | 4.468 | 4.275 | 4.121 | 3.996 | 3.892 | 3.804 | 3.729 | 3.665 | 3.608 | 3.559 | 3.515 | 3.440 | 3.379 | 3.329 | 3.286 | 3.250 | 3.126 | 3.054 | 3.008 | 2.975 | 2.950 | 2.932 | 2.917 | 2.894 | 2.879 | 2.850 | 2.786 |
| 5 | 921.8 | 39.298 | 14.885 | 9.364 | 7.146 | 5.988 | 5.285 | 4.817 | 4.484 | 4.236 | 4.044 | 3.891 | 3.767 | 3.663 | 3.576 | 3.502 | 3.438 | 3.382 | 3.333 | 3.289 | 3.215 | 3.155 | 3.105 | 3.063 | 3.026 | 2.904 | 2.833 | 2.786 | 2.754 | 2.730 | 2.711 | 2.696 | 2.674 | 2.658 | 2.630 | 2.566 |
| 6 | 937.1 | 39.331 | 14.735 | 9.197 | 6.978 | 5.820 | 5.119 | 4.652 | 4.320 | 4.072 | 3.881 | 3.728 | 3.604 | 3.501 | 3.415 | 3.341 | 3.277 | 3.221 | 3.172 | 3.128 | 3.055 | 2.995 | 2.945 | 2.903 | 2.867 | 2.744 | 2.674 | 2.627 | 2.595 | 2.571 | 2.552 | 2.537 | 2.515 | 2.500 | 2.472 | 2.408 |
| 7 | 948.2 | 39.356 | 14.624 | 9.074 | 6.853 | 5.695 | 4.995 | 4.529 | 4.197 | 3.950 | 3.759 | 3.607 | 3.483 | 3.380 | 3.293 | 3.219 | 3.156 | 3.100 | 3.051 | 3.007 | 2.934 | 2.874 | 2.824 | 2.782 | 2.746 | 2.624 | 2.553 | 2.507 | 2.474 | 2.450 | 2.432 | 2.417 | 2.395 | 2.379 | 2.351 | 2.288 |
| 8 | 956.6 | 39.373 | 14.540 | 8.980 | 6.757 | 5.600 | 4.899 | 4.433 | 4.102 | 3.855 | 3.664 | 3.512 | 3.388 | 3.285 | 3.199 | 3.125 | 3.061 | 3.005 | 2.956 | 2.913 | 2.839 | 2.779 | 2.729 | 2.687 | 2.651 | 2.529 | 2.458 | 2.412 | 2.379 | 2.355 | 2.336 | 2.321 | 2.299 | 2.284 | 2.256 | 2.192 |
| 9 | 963.3 | 39.387 | 14.473 | 8.905 | 6.681 | 5.523 | 4.823 | 4.357 | 4.026 | 3.779 | 3.588 | 3.436 | 3.312 | 3.209 | 3.123 | 3.049 | 2.985 | 2.929 | 2.880 | 2.837 | 2.763 | 2.703 | 2.653 | 2.611 | 2.575 | 2.452 | 2.381 | 2.334 | 2.302 | 2.277 | 2.259 | 2.244 | 2.222 | 2.206 | 2.178 | 2.114 |
| 10 | 968.6 | 39.398 | 14.419 | 8.844 | 6.619 | 5.461 | 4.761 | 4.295 | 3.964 | 3.717 | 3.526 | 3.374 | 3.250 | 3.147 | 3.060 | 2.986 | 2.922 | 2.866 | 2.817 | 2.774 | 2.700 | 2.640 | 2.590 | 2.547 | 2.511 | 2.388 | 2.317 | 2.270 | 2.237 | 2.213 | 2.194 | 2.179 | 2.157 | 2.141 | 2.113 | 2.048 |
| 11 | 973.0 | 39.407 | 14.374 | 8.794 | 6.568 | 5.410 | 4.709 | 4.243 | 3.912 | 3.665 | 3.474 | 3.321 | 3.197 | 3.095 | 3.008 | 2.934 | 2.870 | 2.814 | 2.765 | 2.721 | 2.647 | 2.586 | 2.536 | 2.494 | 2.458 | 2.334 | 2.263 | 2.216 | 2.183 | 2.158 | 2.140 | 2.124 | 2.102 | 2.086 | 2.058 | 1.993 |
| 12 | 976.7 | 39.415 | 14.337 | 8.751 | 6.525 | 5.366 | 4.666 | 4.200 | 3.868 | 3.621 | 3.430 | 3.277 | 3.153 | 3.050 | 2.963 | 2.889 | 2.825 | 2.769 | 2.720 | 2.676 | 2.602 | 2.541 | 2.491 | 2.448 | 2.412 | 2.288 | 2.216 | 2.169 | 2.136 | 2.111 | 2.092 | 2.077 | 2.055 | 2.039 | 2.010 | 1.945 |
| 13 | 979.8 | 39.421 | 14.305 | 8.715 | 6.488 | 5.329 | 4.628 | 4.162 | 3.831 | 3.583 | 3.392 | 3.239 | 3.115 | 3.012 | 2.925 | 2.851 | 2.786 | 2.730 | 2.681 | 2.637 | 2.563 | 2.502 | 2.452 | 2.409 | 2.372 | 2.248 | 2.176 | 2.129 | 2.095 | 2.071 | 2.051 | 2.036 | 2.014 | 1.998 | 1.969 | 1.903 |
| 14 | 982.5 | 39.427 | 14.277 | 8.684 | 6.456 | 5.297 | 4.596 | 4.130 | 3.798 | 3.550 | 3.359 | 3.206 | 3.082 | 2.979 | 2.891 | 2.817 | 2.753 | 2.696 | 2.647 | 2.603 | 2.528 | 2.468 | 2.417 | 2.374 | 2.338 | 2.213 | 2.140 | 2.093 | 2.059 | 2.035 | 2.015 | 2.000 | 1.977 | 1.961 | 1.932 | 1.866 |
| 15 | 984.9 | 39.431 | 14.253 | 8.657 | 6.428 | 5.269 | 4.568 | 4.101 | 3.769 | 3.522 | 3.330 | 3.177 | 3.053 | 2.949 | 2.862 | 2.788 | 2.723 | 2.667 | 2.617 | 2.573 | 2.498 | 2.437 | 2.387 | 2.344 | 2.307 | 2.182 | 2.109 | 2.061 | 2.028 | 2.003 | 1.983 | 1.968 | 1.945 | 1.929 | 1.900 | 1.833 |
| 16 | 986.9 | 39.436 | 14.232 | 8.633 | 6.403 | 5.244 | 4.543 | 4.076 | 3.744 | 3.496 | 3.304 | 3.152 | 3.027 | 2.923 | 2.836 | 2.761 | 2.697 | 2.640 | 2.591 | 2.547 | 2.472 | 2.411 | 2.360 | 2.317 | 2.280 | 2.154 | 2.081 | 2.033 | 1.999 | 1.974 | 1.955 | 1.939 | 1.916 | 1.900 | 1.870 | 1.803 |
| 17 | 988.7 | 39.439 | 14.213 | 8.611 | 6.381 | 5.222 | 4.521 | 4.054 | 3.722 | 3.474 | 3.282 | 3.129 | 3.004 | 2.900 | 2.813 | 2.738 | 2.673 | 2.617 | 2.567 | 2.523 | 2.448 | 2.386 | 2.335 | 2.292 | 2.255 | 2.129 | 2.056 | 2.008 | 1.974 | 1.948 | 1.929 | 1.913 | 1.890 | 1.873 | 1.844 | 1.776 |
| 18 | 990.3 | 39.442 | 14.196 | 8.592 | 6.362 | 5.202 | 4.501 | 4.034 | 3.701 | 3.453 | 3.261 | 3.108 | 2.983 | 2.879 | 2.792 | 2.717 | 2.652 | 2.596 | 2.546 | 2.501 | 2.426 | 2.365 | 2.314 | 2.270 | 2.233 | 2.107 | 2.033 | 1.985 | 1.950 | 1.925 | 1.905 | 1.890 | 1.866 | 1.850 | 1.820 | 1.751 |
| 19 | 991.8 | 39.446 | 14.181 | 8.575 | 6.344 | 5.184 | 4.483 | 4.016 | 3.683 | 3.435 | 3.243 | 3.090 | 2.965 | 2.861 | 2.773 | 2.698 | 2.633 | 2.576 | 2.526 | 2.482 | 2.407 | 2.345 | 2.294 | 2.251 | 2.213 | 2.086 | 2.012 | 1.964 | 1.929 | 1.904 | 1.884 | 1.868 | 1.845 | 1.828 | 1.798 | 1.729 |
| 20 | 993.1 | 39.448 | 14.167 | 8.560 | 6.329 | 5.168 | 4.467 | 3.999 | 3.667 | 3.419 | 3.226 | 3.073 | 2.948 | 2.844 | 2.756 | 2.681 | 2.616 | 2.559 | 2.509 | 2.464 | 2.389 | 2.327 | 2.276 | 2.232 | 2.195 | 2.068 | 1.993 | 1.944 | 1.910 | 1.884 | 1.864 | 1.849 | 1.825 | 1.808 | 1.778 | 1.708 |
| 21 | 994.3 | 39.450 | 14.155 | 8.546 | 6.314 | 5.154 | 4.452 | 3.985 | 3.652 | 3.403 | 3.211 | 3.057 | 2.932 | 2.828 | 2.740 | 2.665 | 2.600 | 2.543 | 2.493 | 2.448 | 2.373 | 2.311 | 2.259 | 2.216 | 2.178 | 2.051 | 1.976 | 1.927 | 1.892 | 1.866 | 1.846 | 1.830 | 1.807 | 1.790 | 1.759 | 1.689 |
| 22 | 995.4 | 39.452 | 14.144 | 8.533 | 6.301 | 5.141 | 4.439 | 3.971 | 3.638 | 3.390 | 3.197 | 3.043 | 2.918 | 2.814 | 2.726 | 2.651 | 2.585 | 2.529 | 2.478 | 2.434 | 2.358 | 2.296 | 2.244 | 2.201 | 2.163 | 2.035 | 1.960 | 1.911 | 1.876 | 1.850 | 1.830 | 1.814 | 1.790 | 1.773 | 1.742 | 1.672 |
| 23 | 996.3 | 39.455 | 14.134 | 8.522 | 6.289 | 5.128 | 4.426 | 3.959 | 3.626 | 3.377 | 3.184 | 3.031 | 2.905 | 2.801 | 2.713 | 2.637 | 2.572 | 2.515 | 2.465 | 2.420 | 2.344 | 2.282 | 2.230 | 2.187 | 2.149 | 2.020 | 1.945 | 1.896 | 1.861 | 1.835 | 1.814 | 1.798 | 1.774 | 1.757 | 1.726 | 1.655 |
| 24 | 997.3 | 39.457 | 14.124 | 8.511 | 6.278 | 5.117 | 4.415 | 3.947 | 3.614 | 3.365 | 3.173 | 3.019 | 2.893 | 2.789 | 2.701 | 2.625 | 2.560 | 2.503 | 2.452 | 2.408 | 2.332 | 2.269 | 2.217 | 2.174 | 2.136 | 2.007 | 1.931 | 1.882 | 1.847 | 1.820 | 1.800 | 1.784 | 1.760 | 1.743 | 1.712 | 1.640 |
| 25 | 998.1 | 39.458 | 14.115 | 8.501 | 6.268 | 5.107 | 4.405 | 3.937 | 3.604 | 3.355 | 3.162 | 3.008 | 2.882 | 2.778 | 2.689 | 2.614 | 2.548 | 2.491 | 2.441 | 2.396 | 2.320 | 2.257 | 2.205 | 2.161 | 2.124 | 1.994 | 1.919 | 1.869 | 1.833 | 1.807 | 1.787 | 1.770 | 1.746 | 1.729 | 1.698 | 1.626 |
| 26 | 998.8 | 39.459 | 14.107 | 8.492 | 6.258 | 5.097 | 4.395 | 3.927 | 3.594 | 3.345 | 3.152 | 2.998 | 2.872 | 2.767 | 2.679 | 2.603 | 2.538 | 2.481 | 2.430 | 2.385 | 2.309 | 2.246 | 2.194 | 2.150 | 2.112 | 1.983 | 1.907 | 1.857 | 1.821 | 1.795 | 1.774 | 1.758 | 1.733 | 1.716 | 1.685 | 1.612 |
| 27 | 999.5 | 39.461 | 14.100 | 8.483 | 6.250 | 5.088 | 4.386 | 3.918 | 3.584 | 3.335 | 3.142 | 2.988 | 2.862 | 2.758 | 2.669 | 2.594 | 2.528 | 2.471 | 2.420 | 2.375 | 2.299 | 2.236 | 2.184 | 2.140 | 2.102 | 1.972 | 1.895 | 1.845 | 1.810 | 1.783 | 1.763 | 1.746 | 1.722 | 1.704 | 1.673 | 1.600 |
| 28 | 1000.2 | 39.462 | 14.093 | 8.475 | 6.242 | 5.080 | 4.378 | 3.909 | 3.576 | 3.327 | 3.133 | 2.979 | 2.853 | 2.749 | 2.660 | 2.584 | 2.519 | 2.461 | 2.411 | 2.366 | 2.289 | 2.226 | 2.174 | 2.130 | 2.092 | 1.962 | 1.885 | 1.835 | 1.799 | 1.772 | 1.752 | 1.735 | 1.710 | 1.693 | 1.661 | 1.588 |
| 29 | 1000.8 | 39.463 | 14.086 | 8.468 | 6.234 | 5.072 | 4.370 | 3.901 | 3.568 | 3.319 | 3.125 | 2.971 | 2.845 | 2.740 | 2.652 | 2.576 | 2.510 | 2.453 | 2.402 | 2.357 | 2.280 | 2.217 | 2.165 | 2.121 | 2.083 | 1.952 | 1.875 | 1.825 | 1.789 | 1.762 | 1.741 | 1.725 | 1.700 | 1.682 | 1.650 | 1.577 |
| 30 | 1001.4 | 39.465 | 14.081 | 8.461 | 6.227 | 5.065 | 4.362 | 3.894 | 3.560 | 3.311 | 3.118 | 2.963 | 2.837 | 2.732 | 2.644 | 2.568 | 2.502 | 2.445 | 2.394 | 2.349 | 2.272 | 2.209 | 2.157 | 2.112 | 2.074 | 1.943 | 1.866 | 1.815 | 1.779 | 1.752 | 1.731 | 1.715 | 1.690 | 1.672 | 1.640 | 1.566 |
| 40 | 1005.6 | 39.473 | 14.036 | 8.411 | 6.175 | 5.012 | 4.309 | 3.840 | 3.505 | 3.255 | 3.061 | 2.906 | 2.780 | 2.674 | 2.585 | 2.509 | 2.442 | 2.384 | 2.333 | 2.287 | 2.210 | 2.146 | 2.093 | 2.048 | 2.009 | 1.875 | 1.796 | 1.744 | 1.707 | 1.679 | 1.657 | 1.640 | 1.614 | 1.596 | 1.562 | 1.484 |
| 50 | 1008.1 | 39.478 | 14.010 | 8.381 | 6.144 | 4.980 | 4.276 | 3.807 | 3.472 | 3.221 | 3.027 | 2.871 | 2.744 | 2.638 | 2.549 | 2.472 | 2.405 | 2.347 | 2.295 | 2.249 | 2.171 | 2.107 | 2.053 | 2.007 | 1.968 | 1.832 | 1.752 | 1.699 | 1.660 | 1.632 | 1.610 | 1.592 | 1.565 | 1.546 | 1.511 | 1.428 |
| 60 | 1009.8 | 39.481 | 13.992 | 8.360 | 6.123 | 4.959 | 4.254 | 3.784 | 3.449 | 3.198 | 3.004 | 2.848 | 2.720 | 2.614 | 2.524 | 2.447 | 2.380 | 2.321 | 2.270 | 2.223 | 2.145 | 2.080 | 2.026 | 1.980 | 1.940 | 1.803 | 1.721 | 1.667 | 1.628 | 1.599 | 1.576 | 1.558 | 1.530 | 1.510 | 1.474 | 1.388 |
| 70 | 1011.0 | 39.484 | 13.979 | 8.346 | 6.107 | 4.943 | 4.239 | 3.768 | 3.433 | 3.182 | 2.987 | 2.831 | 2.703 | 2.597 | 2.506 | 2.429 | 2.362 | 2.303 | 2.251 | 2.205 | 2.125 | 2.060 | 2.006 | 1.959 | 1.920 | 1.781 | 1.698 | 1.643 | 1.604 | 1.574 | 1.551 | 1.532 | 1.504 | 1.483 | 1.447 | 1.357 |
| 80 | 1011.9 | 39.486 | 13.970 | 8.335 | 6.096 | 4.932 | 4.227 | 3.756 | 3.421 | 3.169 | 2.974 | 2.818 | 2.690 | 2.583 | 2.493 | 2.415 | 2.348 | 2.289 | 2.237 | 2.190 | 2.111 | 2.045 | 1.991 | 1.944 | 1.904 | 1.764 | 1.681 | 1.625 | 1.585 | 1.555 | 1.531 | 1.512 | 1.483 | 1.463 | 1.425 | 1.333 |
| 90 | 1012.6 | 39.487 | 13.962 | 8.326 | 6.087 | 4.923 | 4.218 | 3.747 | 3.411 | 3.160 | 2.964 | 2.808 | 2.680 | 2.573 | 2.482 | 2.405 | 2.337 | 2.278 | 2.226 | 2.179 | 2.099 | 2.034 | 1.979 | 1.932 | 1.892 | 1.751 | 1.667 | 1.611 | 1.570 | 1.540 | 1.516 | 1.496 | 1.467 | 1.446 | 1.407 | 1.313 |
| 100 | 1013.2 | 39.488 | 13.956 | 8.319 | 6.080 | 4.915 | 4.210 | 3.739 | 3.403 | 3.152 | 2.956 | 2.800 | 2.671 | 2.565 | 2.474 | 2.396 | 2.329 | 2.269 | 2.217 | 2.170 | 2.090 | 2.024 | 1.969 | 1.922 | 1.882 | 1.741 | 1.656 | 1.599 | 1.558 | 1.527 | 1.503 | 1.483 | 1.454 | 1.432 | 1.393 | 1.296 |
| 120 | 1014.0 | 39.489 | 13.947 | 8.309 | 6.069 | 4.904 | 4.199 | 3.728 | 3.392 | 3.140 | 2.944 | 2.787 | 2.659 | 2.552 | 2.461 | 2.383 | 2.315 | 2.256 | 2.203 | 2.156 | 2.076 | 2.010 | 1.954 | 1.907 | 1.866 | 1.724 | 1.639 | 1.581 | 1.539 | 1.508 | 1.483 | 1.463 | 1.433 | 1.411 | 1.370 | 1.268 |
| 140 | 1014.6 | 39.491 | 13.941 | 8.302 | 6.062 | 4.897 | 4.191 | 3.720 | 3.383 | 3.131 | 2.935 | 2.779 | 2.650 | 2.543 | 2.452 | 2.374 | 2.306 | 2.246 | 2.193 | 2.146 | 2.066 | 2.000 | 1.944 | 1.896 | 1.855 | 1.712 | 1.626 | 1.568 | 1.526 | 1.494 | 1.469 | 1.448 | 1.417 | 1.395 | 1.353 | 1.247 |
| 200 | 1015.7 | 39.493 | 13.929 | 8.288 | 6.048 | 4.882 | 4.176 | 3.705 | 3.368 | 3.116 | 2.920 | 2.763 | 2.634 | 2.526 | 2.435 | 2.357 | 2.289 | 2.229 | 2.176 | 2.128 | 2.047 | 1.981 | 1.925 | 1.877 | 1.835 | 1.691 | 1.603 | 1.543 | 1.500 | 1.467 | 1.441 | 1.420 | 1.388 | 1.364 | 1.320 | 1.205 |
| ∞ | 1018.3 | 39.498 | 13.902 | 8.257 | 6.015 | 4.849 | 4.142 | 3.670 | 3.333 | 3.080 | 2.883 | 2.725 | 2.595 | 2.487 | 2.395 | 2.316 | 2.247 | 2.187 | 2.133 | 2.085 | 2.003 | 1.935 | 1.878 | 1.829 | 1.787 | 1.637 | 1.545 | 1.482 | 1.436 | 1.400 | 1.371 | 1.347 | 1.310 | 1.283 | 1.229 | 1.000 |

# Tavola dei quantili 0.99 della distribuzione F(m,n) [α=0.01]



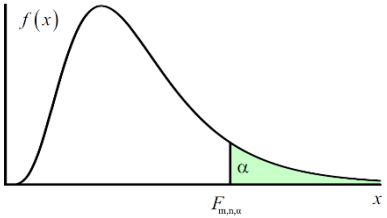

| | n | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| m | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 200 | ∞ |
| 1 | 4052 | 98.50 | 34.116 | 21.198 | 16.258 | 13.745 | 12.246 | 11.259 | 10.562 | 10.044 | 9.646 | 9.330 | 9.074 | 8.862 | 8.683 | 8.531 | 8.400 | 8.285 | 8.185 | 8.096 | 7.945 | 7.823 | 7.721 | 7.636 | 7.562 | 7.314 | 7.171 | 7.077 | 7.011 | 6.963 | 6.925 | 6.895 | 6.851 | 6.819 | 6.763 | 6.635 |
| 2 | 4999 | 99.00 | 30.816 | 18.000 | 13.274 | 10.925 | 9.547 | 8.649 | 8.022 | 7.559 | 7.206 | 6.927 | 6.701 | 6.515 | 6.359 | 6.226 | 6.112 | 6.013 | 5.926 | 5.849 | 5.719 | 5.614 | 5.526 | 5.453 | 5.390 | 5.178 | 5.057 | 4.977 | 4.922 | 4.881 | 4.849 | 4.824 | 4.787 | 4.760 | 4.713 | 4.605 |
| 3 | 5404 | 99.16 | 29.457 | 16.694 | 12.060 | 9.780 | 8.451 | 7.591 | 6.992 | 6.552 | 6.217 | 5.953 | 5.739 | 5.564 | 5.417 | 5.292 | 5.185 | 5.092 | 5.010 | 4.938 | 4.817 | 4.718 | 4.637 | 4.568 | 4.510 | 4.313 | 4.199 | 4.126 | 4.074 | 4.036 | 4.007 | 3.984 | 3.949 | 3.925 | 3.881 | 3.782 |
| 4 | 5624 | 99.25 | 28.710 | 15.977 | 11.392 | 9.148 | 7.847 | 7.006 | 6.422 | 5.994 | 5.668 | 5.412 | 5.205 | 5.035 | 4.893 | 4.773 | 4.669 | 4.579 | 4.500 | 4.431 | 4.313 | 4.218 | 4.140 | 4.074 | 4.018 | 3.828 | 3.720 | 3.649 | 3.600 | 3.563 | 3.535 | 3.513 | 3.480 | 3.456 | 3.414 | 3.319 |
| 5 | 5764 | 99.30 | 28.237 | 15.522 | 10.967 | 8.746 | 7.460 | 6.632 | 6.057 | 5.636 | 5.316 | 5.064 | 4.862 | 4.695 | 4.556 | 4.437 | 4.336 | 4.248 | 4.171 | 4.103 | 3.988 | 3.895 | 3.818 | 3.754 | 3.699 | 3.514 | 3.408 | 3.339 | 3.291 | 3.255 | 3.228 | 3.206 | 3.174 | 3.151 | 3.110 | 3.017 |
| 6 | 5859 | 99.33 | 27.911 | 15.207 | 10.672 | 8.466 | 7.191 | 6.371 | 5.802 | 5.386 | 5.069 | 4.821 | 4.620 | 4.456 | 4.318 | 4.202 | 4.101 | 4.015 | 3.939 | 3.871 | 3.758 | 3.667 | 3.591 | 3.528 | 3.473 | 3.291 | 3.186 | 3.119 | 3.071 | 3.036 | 3.009 | 2.988 | 2.956 | 2.933 | 2.893 | 2.802 |
| 7 | 5928 | 99.36 | 27.671 | 14.976 | 10.456 | 8.260 | 6.993 | 6.178 | 5.613 | 5.200 | 4.886 | 4.640 | 4.441 | 4.278 | 4.142 | 4.026 | 3.927 | 3.841 | 3.765 | 3.699 | 3.587 | 3.496 | 3.421 | 3.358 | 3.305 | 3.124 | 3.020 | 2.953 | 2.906 | 2.871 | 2.845 | 2.823 | 2.792 | 2.769 | 2.730 | 2.639 |
| 8 | 5981 | 99.38 | 27.489 | 14.799 | 10.289 | 8.102 | 6.840 | 6.029 | 5.467 | 5.057 | 4.744 | 4.499 | 4.302 | 4.140 | 4.004 | 3.890 | 3.791 | 3.705 | 3.631 | 3.564 | 3.453 | 3.363 | 3.288 | 3.226 | 3.173 | 2.993 | 2.890 | 2.823 | 2.777 | 2.742 | 2.715 | 2.694 | 2.663 | 2.641 | 2.601 | 2.511 |
| 9 | 6022 | 99.39 | 27.345 | 14.659 | 10.158 | 7.976 | 6.719 | 5.911 | 5.351 | 4.942 | 4.632 | 4.388 | 4.191 | 4.030 | 3.895 | 3.780 | 3.682 | 3.597 | 3.523 | 3.457 | 3.346 | 3.256 | 3.182 | 3.120 | 3.067 | 2.888 | 2.785 | 2.718 | 2.672 | 2.637 | 2.611 | 2.590 | 2.559 | 2.536 | 2.497 | 2.407 |
| 10 | 6056 | 99.40 | 27.228 | 14.546 | 10.051 | 7.874 | 6.620 | 5.814 | 5.257 | 4.849 | 4.539 | 4.296 | 4.100 | 3.939 | 3.805 | 3.691 | 3.593 | 3.508 | 3.434 | 3.368 | 3.258 | 3.168 | 3.094 | 3.032 | 2.979 | 2.801 | 2.698 | 2.632 | 2.585 | 2.551 | 2.524 | 2.503 | 2.472 | 2.450 | 2.411 | 2.321 |
| 11 | 6083 | 99.41 | 27.132 | 14.452 | 9.963 | 7.790 | 6.538 | 5.734 | 5.178 | 4.772 | 4.462 | 4.220 | 4.025 | 3.864 | 3.730 | 3.616 | 3.518 | 3.434 | 3.360 | 3.294 | 3.184 | 3.094 | 3.021 | 2.959 | 2.906 | 2.727 | 2.625 | 2.559 | 2.512 | 2.478 | 2.451 | 2.430 | 2.399 | 2.377 | 2.338 | 2.248 |
| 12 | 6107 | 99.42 | 27.052 | 14.374 | 9.888 | 7.718 | 6.469 | 5.667 | 5.111 | 4.706 | 4.397 | 4.155 | 3.960 | 3.800 | 3.666 | 3.553 | 3.455 | 3.371 | 3.297 | 3.231 | 3.121 | 3.032 | 2.958 | 2.896 | 2.843 | 2.665 | 2.563 | 2.496 | 2.450 | 2.415 | 2.389 | 2.368 | 2.336 | 2.314 | 2.275 | 2.185 |
| 13 | 6126 | 99.42 | 26.983 | 14.306 | 9.825 | 7.657 | 6.410 | 5.609 | 5.055 | 4.650 | 4.342 | 4.100 | 3.905 | 3.745 | 3.612 | 3.498 | 3.401 | 3.316 | 3.242 | 3.177 | 3.067 | 2.977 | 2.904 | 2.842 | 2.789 | 2.611 | 2.508 | 2.442 | 2.395 | 2.361 | 2.334 | 2.313 | 2.282 | 2.260 | 2.220 | 2.130 |
| 14 | 6143 | 99.43 | 26.924 | 14.249 | 9.770 | 7.605 | 6.359 | 5.559 | 5.005 | 4.601 | 4.293 | 4.052 | 3.857 | 3.698 | 3.564 | 3.451 | 3.353 | 3.269 | 3.195 | 3.130 | 3.019 | 2.930 | 2.857 | 2.795 | 2.742 | 2.563 | 2.461 | 2.394 | 2.348 | 2.313 | 2.286 | 2.265 | 2.234 | 2.212 | 2.172 | 2.082 |
| 15 | 6157 | 99.43 | 26.872 | 14.198 | 9.722 | 7.559 | 6.314 | 5.515 | 4.962 | 4.558 | 4.251 | 4.010 | 3.815 | 3.656 | 3.522 | 3.409 | 3.312 | 3.227 | 3.153 | 3.088 | 2.978 | 2.889 | 2.815 | 2.753 | 2.700 | 2.522 | 2.419 | 2.352 | 2.306 | 2.271 | 2.244 | 2.223 | 2.191 | 2.169 | 2.129 | 2.039 |
| 16 | 6170 | 99.44 | 26.826 | 14.154 | 9.680 | 7.519 | 6.275 | 5.477 | 4.924 | 4.520 | 4.213 | 3.972 | 3.778 | 3.619 | 3.485 | 3.372 | 3.275 | 3.190 | 3.116 | 3.051 | 2.941 | 2.852 | 2.778 | 2.716 | 2.663 | 2.484 | 2.382 | 2.315 | 2.268 | 2.233 | 2.206 | 2.185 | 2.154 | 2.131 | 2.091 | 2.000 |
| 17 | 6181 | 99.44 | 26.786 | 14.114 | 9.643 | 7.483 | 6.240 | 5.442 | 4.890 | 4.487 | 4.180 | 3.939 | 3.745 | 3.586 | 3.452 | 3.339 | 3.242 | 3.158 | 3.084 | 3.018 | 2.908 | 2.819 | 2.745 | 2.683 | 2.630 | 2.451 | 2.348 | 2.281 | 2.234 | 2.199 | 2.172 | 2.151 | 2.119 | 2.097 | 2.057 | 1.965 |
| 18 | 6191 | 99.44 | 26.751 | 14.079 | 9.609 | 7.451 | 6.209 | 5.412 | 4.860 | 4.457 | 4.150 | 3.910 | 3.716 | 3.556 | 3.423 | 3.310 | 3.212 | 3.128 | 3.054 | 2.989 | 2.879 | 2.789 | 2.715 | 2.653 | 2.600 | 2.421 | 2.318 | 2.251 | 2.204 | 2.169 | 2.142 | 2.120 | 2.089 | 2.066 | 2.026 | 1.934 |
| 19 | 6201 | 99.45 | 26.719 | 14.048 | 9.580 | 7.422 | 6.181 | 5.384 | 4.833 | 4.430 | 4.123 | 3.883 | 3.689 | 3.529 | 3.396 | 3.283 | 3.186 | 3.101 | 3.027 | 2.962 | 2.852 | 2.762 | 2.688 | 2.626 | 2.573 | 2.394 | 2.290 | 2.223 | 2.176 | 2.141 | 2.114 | 2.092 | 2.060 | 2.038 | 1.997 | 1.905 |
| 20 | 6209 | 99.45 | 26.690 | 14.019 | 9.553 | 7.396 | 6.155 | 5.359 | 4.808 | 4.405 | 4.099 | 3.858 | 3.665 | 3.505 | 3.372 | 3.259 | 3.162 | 3.077 | 3.003 | 2.938 | 2.827 | 2.738 | 2.664 | 2.602 | 2.549 | 2.369 | 2.265 | 2.198 | 2.150 | 2.115 | 2.088 | 2.067 | 2.035 | 2.012 | 1.971 | 1.878 |
| 21 | 6216 | 99.45 | 26.664 | 13.994 | 9.528 | 7.372 | 6.132 | 5.336 | 4.786 | 4.383 | 4.077 | 3.836 | 3.643 | 3.483 | 3.350 | 3.237 | 3.139 | 3.055 | 2.981 | 2.916 | 2.805 | 2.716 | 2.642 | 2.579 | 2.526 | 2.346 | 2.242 | 2.175 | 2.127 | 2.092 | 2.065 | 2.043 | 2.011 | 1.988 | 1.947 | 1.854 |
| 22 | 6223 | 99.46 | 26.639 | 13.970 | 9.506 | 7.351 | 6.111 | 5.316 | 4.765 | 4.363 | 4.057 | 3.816 | 3.622 | 3.463 | 3.330 | 3.216 | 3.119 | 3.035 | 2.961 | 2.895 | 2.785 | 2.695 | 2.621 | 2.559 | 2.506 | 2.325 | 2.221 | 2.153 | 2.106 | 2.070 | 2.043 | 2.021 | 1.989 | 1.966 | 1.925 | 1.831 |
| 23 | 6229 | 99.46 | 26.617 | 13.949 | 9.485 | 7.331 | 6.092 | 5.297 | 4.746 | 4.344 | 4.038 | 3.798 | 3.604 | 3.444 | 3.311 | 3.198 | 3.101 | 3.016 | 2.942 | 2.877 | 2.766 | 2.676 | 2.602 | 2.540 | 2.487 | 2.306 | 2.202 | 2.134 | 2.086 | 2.050 | 2.023 | 2.001 | 1.969 | 1.946 | 1.905 | 1.810 |
| 24 | 6234 | 99.46 | 26.597 | 13.929 | 9.466 | 7.313 | 6.074 | 5.279 | 4.729 | 4.327 | 4.021 | 3.780 | 3.587 | 3.427 | 3.294 | 3.181 | 3.083 | 2.999 | 2.925 | 2.859 | 2.749 | 2.659 | 2.585 | 2.522 | 2.469 | 2.288 | 2.183 | 2.115 | 2.067 | 2.032 | 2.004 | 1.983 | 1.950 | 1.927 | 1.886 | 1.791 |
| 25 | 6240 | 99.46 | 26.579 | 13.911 | 9.449 | 7.296 | 6.058 | 5.263 | 4.713 | 4.311 | 4.005 | 3.765 | 3.571 | 3.412 | 3.278 | 3.165 | 3.068 | 2.983 | 2.909 | 2.843 | 2.733 | 2.643 | 2.569 | 2.506 | 2.453 | 2.271 | 2.167 | 2.098 | 2.050 | 2.015 | 1.987 | 1.965 | 1.932 | 1.909 | 1.868 | 1.773 |
| 26 | 6245 | 99.46 | 26.562 | 13.894 | 9.433 | 7.281 | 6.043 | 5.248 | 4.698 | 4.296 | 3.990 | 3.750 | 3.556 | 3.397 | 3.264 | 3.150 | 3.053 | 2.968 | 2.894 | 2.829 | 2.718 | 2.628 | 2.554 | 2.491 | 2.437 | 2.256 | 2.151 | 2.083 | 2.034 | 1.999 | 1.971 | 1.949 | 1.916 | 1.893 | 1.851 | 1.755 |
| 27 | 6249 | 99.46 | 26.546 | 13.878 | 9.418 | 7.266 | 6.029 | 5.234 | 4.684 | 4.283 | 3.977 | 3.736 | 3.543 | 3.383 | 3.250 | 3.137 | 3.039 | 2.955 | 2.880 | 2.815 | 2.704 | 2.614 | 2.540 | 2.477 | 2.423 | 2.241 | 2.136 | 2.068 | 2.019 | 1.983 | 1.956 | 1.934 | 1.901 | 1.877 | 1.836 | 1.739 |
| 28 | 6253 | 99.46 | 26.531 | 13.864 | 9.404 | 7.253 | 6.016 | 5.221 | 4.672 | 4.270 | 3.964 | 3.724 | 3.530 | 3.371 | 3.237 | 3.124 | 3.026 | 2.942 | 2.868 | 2.802 | 2.691 | 2.601 | 2.526 | 2.464 | 2.410 | 2.228 | 2.123 | 2.054 | 2.005 | 1.969 | 1.942 | 1.919 | 1.886 | 1.863 | 1.821 | 1.724 |
| 29 | 6257 | 99.46 | 26.517 | 13.850 | 9.391 | 7.240 | 6.003 | 5.209 | 4.660 | 4.258 | 3.952 | 3.712 | 3.518 | 3.359 | 3.225 | 3.112 | 3.014 | 2.930 | 2.855 | 2.790 | 2.679 | 2.589 | 2.514 | 2.451 | 2.398 | 2.215 | 2.110 | 2.041 | 1.992 | 1.956 | 1.928 | 1.906 | 1.873 | 1.849 | 1.807 | 1.710 |
| 30 | 6260 | 99.47 | 26.504 | 13.838 | 9.379 | 7.229 | 5.992 | 5.198 | 4.649 | 4.247 | 3.941 | 3.701 | 3.507 | 3.348 | 3.214 | 3.101 | 3.003 | 2.919 | 2.844 | 2.778 | 2.667 | 2.577 | 2.503 | 2.440 | 2.386 | 2.203 | 2.098 | 2.028 | 1.980 | 1.944 | 1.916 | 1.893 | 1.860 | 1.836 | 1.794 | 1.696 |
| 40 | 6286 | 99.48 | 26.411 | 13.745 | 9.291 | 7.143 | 5.908 | 5.116 | 4.567 | 4.165 | 3.860 | 3.619 | 3.425 | 3.266 | 3.132 | 3.018 | 2.920 | 2.835 | 2.761 | 2.695 | 2.583 | 2.492 | 2.417 | 2.354 | 2.299 | 2.114 | 2.007 | 1.936 | 1.886 | 1.849 | 1.820 | 1.797 | 1.763 | 1.738 | 1.694 | 1.592 |
| 50 | 6302 | 99.48 | 26.354 | 13.690 | 9.238 | 7.091 | 5.858 | 5.065 | 4.517 | 4.115 | 3.810 | 3.569 | 3.375 | 3.215 | 3.081 | 2.967 | 2.869 | 2.784 | 2.709 | 2.643 | 2.531 | 2.440 | 2.364 | 2.300 | 2.245 | 2.058 | 1.949 | 1.877 | 1.826 | 1.788 | 1.759 | 1.735 | 1.700 | 1.675 | 1.629 | 1.523 |
| 60 | 6313 | 99.48 | 26.316 | 13.652 | 9.202 | 7.057 | 5.824 | 5.032 | 4.483 | 4.082 | 3.776 | 3.535 | 3.341 | 3.181 | 3.047 | 2.933 | 2.835 | 2.749 | 2.674 | 2.608 | 2.495 | 2.403 | 2.327 | 2.263 | 2.208 | 2.019 | 1.909 | 1.836 | 1.785 | 1.746 | 1.716 | 1.692 | 1.656 | 1.630 | 1.583 | 1.473 |
| 70 | 6321 | 99.48 | 26.289 | 13.626 | 9.176 | 7.032 | 5.799 | 5.007 | 4.459 | 4.058 | 3.752 | 3.511 | 3.317 | 3.157 | 3.022 | 2.908 | 2.810 | 2.724 | 2.649 | 2.582 | 2.469 | 2.377 | 2.301 | 2.236 | 2.181 | 1.991 | 1.880 | 1.806 | 1.754 | 1.714 | 1.684 | 1.659 | 1.623 | 1.596 | 1.548 | 1.435 |
| 80 | 6326 | 99.48 | 26.269 | 13.605 | 9.157 | 7.013 | 5.781 | 4.989 | 4.441 | 4.039 | 3.734 | 3.493 | 3.298 | 3.138 | 3.004 | 2.889 | 2.791 | 2.705 | 2.630 | 2.563 | 2.450 | 2.357 | 2.281 | 2.216 | 2.160 | 1.969 | 1.857 | 1.783 | 1.730 | 1.690 | 1.659 | 1.634 | 1.597 | 1.570 | 1.521 | 1.404 |
| 90 | 6331 | 99.49 | 26.253 | 13.590 | 9.142 | 6.998 | 5.766 | 4.975 | 4.426 | 4.025 | 3.719 | 3.478 | 3.284 | 3.124 | 2.989 | 2.875 | 2.776 | 2.690 | 2.614 | 2.548 | 2.434 | 2.342 | 2.265 | 2.200 | 2.144 | 1.952 | 1.839 | 1.764 | 1.711 | 1.671 | 1.639 | 1.614 | 1.576 | 1.549 | 1.499 | 1.379 |
| 100 | 6334 | 99.49 | 26.241 | 13.577 | 9.130 | 6.987 | 5.755 | 4.963 | 4.415 | 4.014 | 3.708 | 3.467 | 3.272 | 3.112 | 2.977 | 2.863 | 2.764 | 2.678 | 2.602 | 2.535 | 2.422 | 2.329 | 2.252 | 2.187 | 2.131 | 1.938 | 1.825 | 1.749 | 1.695 | 1.655 | 1.623 | 1.598 | 1.559 | 1.532 | 1.481 | 1.358 |
| 120 | 6340 | 99.49 | 26.221 | 13.558 | 9.112 | 6.969 | 5.737 | 4.946 | 4.398 | 3.996 | 3.690 | 3.449 | 3.255 | 3.094 | 2.959 | 2.845 | 2.746 | 2.660 | 2.584 | 2.517 | 2.403 | 2.310 | 2.233 | 2.167 | 2.111 | 1.917 | 1.803 | 1.726 | 1.672 | 1.630 | 1.598 | 1.572 | 1.533 | 1.505 | 1.453 | 1.325 |
| 140 | 6343 | 99.49 | 26.208 | 13.545 | 9.099 | 6.956 | 5.725 | 4.934 | 4.385 | 3.984 | 3.678 | 3.437 | 3.242 | 3.082 | 2.947 | 2.832 | 2.733 | 2.647 | 2.571 | 2.503 | 2.389 | 2.296 | 2.219 | 2.153 | 2.096 | 1.902 | 1.786 | 1.710 | 1.654 | 1.613 | 1.580 | 1.554 | 1.514 | 1.485 | 1.432 | 1.299 |
| 200 | 6350 | 99.49 | 26.183 | 13.520 | 9.075 | 6.934 | 5.702 | 4.911 | 4.363 | 3.962 | 3.656 | 3.414 | 3.219 | 3.059 | 2.923 | 2.808 | 2.709 | 2.623 | 2.547 | 2.479 | 2.365 | 2.271 | 2.193 | 2.127 | 2.070 | 1.874 | 1.757 | 1.678 | 1.622 | 1.579 | 1.546 | 1.518 | 1.477 | 1.447 | 1.391 | 1.247 |
| ∞ | 6366 | 99.50 | 26.125 | 13.463 | 9.020 | 6.880 | 5.650 | 4.859 | 4.311 | 3.909 | 3.602 | 3.361 | 3.165 | 3.004 | 2.868 | 2.753 | 2.653 | 2.566 | 2.489 | 2.421 | 2.305 | 2.211 | 2.131 | 2.064 | 2.006 | 1.805 | 1.683 | 1.601 | 1.540 | 1.494 | 1.457 | 1.427 | 1.381 | 1.346 | 1.279 | 1.000 |

# Tavola dei quantili 0.995 della distribuzione F(m,n) [α=0.005]




| | n | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| m | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 200 | ∞ |
| 1 | 16212 | 198.5 | 55.55 | 31.332 | 22.785 | 18.635 | 16.235 | 14.688 | 13.614 | 12.827 | 12.226 | 11.754 | 11.374 | 11.060 | 10.798 | 10.576 | 10.384 | 10.218 | 10.073 | 9.944 | 9.727 | 9.551 | 9.406 | 9.284 | 9.180 | 8.828 | 8.626 | 8.495 | 8.403 | 8.335 | 8.282 | 8.241 | 8.179 | 8.135 | 8.057 | 7.879 |
| 2 | 19997 | 199.0 | 49.80 | 26.284 | 18.314 | 14.544 | 12.404 | 11.043 | 10.107 | 9.427 | 8.912 | 8.510 | 8.186 | 7.922 | 7.701 | 7.514 | 7.354 | 7.215 | 7.093 | 6.987 | 6.806 | 6.661 | 6.541 | 6.440 | 6.355 | 6.066 | 5.902 | 5.795 | 5.720 | 5.665 | 5.623 | 5.589 | 5.539 | 5.504 | 5.441 | 5.298 |
| 3 | 21614 | 199.2 | 47.47 | 24.260 | 16.530 | 12.917 | 10.883 | 9.597 | 8.717 | 8.081 | 7.600 | 7.226 | 6.926 | 6.680 | 6.476 | 6.303 | 6.156 | 6.028 | 5.916 | 5.818 | 5.652 | 5.519 | 5.409 | 5.317 | 5.239 | 4.976 | 4.826 | 4.729 | 4.661 | 4.611 | 4.573 | 4.542 | 4.497 | 4.465 | 4.408 | 4.279 |
| 4 | 22501 | 199.2 | 46.20 | 23.154 | 15.556 | 12.028 | 10.050 | 8.805 | 7.956 | 7.343 | 6.881 | 6.521 | 6.233 | 5.998 | 5.803 | 5.638 | 5.497 | 5.375 | 5.268 | 5.174 | 5.017 | 4.890 | 4.785 | 4.698 | 4.623 | 4.374 | 4.232 | 4.140 | 4.076 | 4.028 | 3.992 | 3.963 | 3.921 | 3.890 | 3.837 | 3.715 |
| 5 | 23056 | 199.3 | 45.39 | 22.456 | 14.939 | 11.464 | 9.522 | 8.302 | 7.471 | 6.872 | 6.422 | 6.071 | 5.791 | 5.562 | 5.372 | 5.212 | 5.075 | 4.956 | 4.853 | 4.762 | 4.609 | 4.486 | 4.384 | 4.300 | 4.228 | 3.986 | 3.849 | 3.760 | 3.698 | 3.652 | 3.617 | 3.589 | 3.548 | 3.519 | 3.467 | 3.350 |
| 6 | 23440 | 199.3 | 44.84 | 21.975 | 14.513 | 11.073 | 9.155 | 7.952 | 7.134 | 6.545 | 6.102 | 5.757 | 5.482 | 5.257 | 5.071 | 4.913 | 4.779 | 4.663 | 4.561 | 4.472 | 4.322 | 4.202 | 4.103 | 4.020 | 3.949 | 3.713 | 3.579 | 3.492 | 3.431 | 3.387 | 3.352 | 3.325 | 3.285 | 3.257 | 3.206 | 3.091 |
| 7 | 23715 | 199.4 | 44.43 | 21.622 | 14.200 | 10.786 | 8.885 | 7.694 | 6.885 | 6.303 | 5.865 | 5.524 | 5.253 | 5.031 | 4.847 | 4.692 | 4.559 | 4.445 | 4.345 | 4.257 | 4.109 | 3.991 | 3.893 | 3.811 | 3.742 | 3.509 | 3.376 | 3.291 | 3.232 | 3.188 | 3.154 | 3.127 | 3.087 | 3.059 | 3.010 | 2.897 |
| 8 | 23924 | 199.4 | 44.13 | 21.352 | 13.961 | 10.566 | 8.678 | 7.496 | 6.693 | 6.116 | 5.682 | 5.345 | 5.076 | 4.857 | 4.674 | 4.521 | 4.389 | 4.276 | 4.177 | 4.090 | 3.944 | 3.826 | 3.730 | 3.649 | 3.580 | 3.350 | 3.219 | 3.134 | 3.076 | 3.032 | 2.999 | 2.972 | 2.933 | 2.905 | 2.856 | 2.744 |
| 9 | 24091 | 199.4 | 43.88 | 21.138 | 13.772 | 10.391 | 8.514 | 7.339 | 6.541 | 5.968 | 5.537 | 5.202 | 4.935 | 4.717 | 4.536 | 4.384 | 4.254 | 4.141 | 4.043 | 3.956 | 3.812 | 3.695 | 3.599 | 3.519 | 3.451 | 3.222 | 3.092 | 3.008 | 2.950 | 2.907 | 2.873 | 2.847 | 2.808 | 2.781 | 2.732 | 2.621 |
| 10 | 24222 | 199.4 | 43.68 | 20.967 | 13.618 | 10.250 | 8.380 | 7.211 | 6.417 | 5.847 | 5.418 | 5.085 | 4.820 | 4.603 | 4.424 | 4.272 | 4.142 | 4.030 | 3.933 | 3.847 | 3.703 | 3.587 | 3.492 | 3.412 | 3.344 | 3.117 | 2.988 | 2.904 | 2.846 | 2.803 | 2.770 | 2.744 | 2.705 | 2.678 | 2.629 | 2.519 |
| 11 | 24334 | 199.4 | 43.52 | 20.824 | 13.491 | 10.133 | 8.270 | 7.105 | 6.314 | 5.746 | 5.320 | 4.988 | 4.724 | 4.508 | 4.329 | 4.179 | 4.050 | 3.938 | 3.841 | 3.756 | 3.612 | 3.497 | 3.402 | 3.322 | 3.255 | 3.028 | 2.900 | 2.817 | 2.759 | 2.716 | 2.683 | 2.657 | 2.618 | 2.591 | 2.543 | 2.432 |
| 12 | 24427 | 199.4 | 43.39 | 20.705 | 13.385 | 10.034 | 8.176 | 7.015 | 6.227 | 5.661 | 5.236 | 4.906 | 4.643 | 4.428 | 4.250 | 4.099 | 3.971 | 3.860 | 3.763 | 3.678 | 3.535 | 3.420 | 3.325 | 3.246 | 3.179 | 2.953 | 2.825 | 2.742 | 2.684 | 2.641 | 2.608 | 2.583 | 2.544 | 2.517 | 2.468 | 2.358 |
| 13 | 24505 | 199.4 | 43.27 | 20.603 | 13.293 | 9.950 | 8.097 | 6.938 | 6.153 | 5.589 | 5.165 | 4.836 | 4.573 | 4.359 | 4.181 | 4.031 | 3.903 | 3.793 | 3.696 | 3.611 | 3.469 | 3.354 | 3.259 | 3.180 | 3.113 | 2.888 | 2.760 | 2.677 | 2.619 | 2.577 | 2.544 | 2.518 | 2.479 | 2.452 | 2.404 | 2.294 |
| 14 | 24572 | 199.4 | 43.17 | 20.515 | 13.215 | 9.878 | 8.028 | 6.872 | 6.089 | 5.526 | 5.103 | 4.775 | 4.513 | 4.299 | 4.122 | 3.972 | 3.844 | 3.734 | 3.638 | 3.553 | 3.411 | 3.296 | 3.202 | 3.123 | 3.056 | 2.831 | 2.703 | 2.620 | 2.563 | 2.520 | 2.487 | 2.461 | 2.423 | 2.396 | 2.347 | 2.237 |
| 15 | 24632 | 199.4 | 43.08 | 20.438 | 13.146 | 9.814 | 7.968 | 6.814 | 6.032 | 5.471 | 5.049 | 4.721 | 4.460 | 4.247 | 4.070 | 3.920 | 3.793 | 3.683 | 3.587 | 3.502 | 3.360 | 3.246 | 3.151 | 3.073 | 3.006 | 2.781 | 2.653 | 2.570 | 2.513 | 2.470 | 2.437 | 2.411 | 2.373 | 2.345 | 2.297 | 2.187 |
| 16 | 24684 | 199.4 | 43.01 | 20.371 | 13.086 | 9.758 | 7.915 | 6.763 | 5.983 | 5.422 | 5.001 | 4.674 | 4.413 | 4.201 | 4.024 | 3.875 | 3.747 | 3.637 | 3.541 | 3.457 | 3.315 | 3.201 | 3.107 | 3.028 | 2.961 | 2.737 | 2.609 | 2.526 | 2.468 | 2.425 | 2.393 | 2.367 | 2.328 | 2.301 | 2.252 | 2.142 |
| 17 | 24728 | 199.4 | 42.94 | 20.311 | 13.033 | 9.709 | 7.868 | 6.718 | 5.939 | 5.379 | 4.959 | 4.632 | 4.372 | 4.159 | 3.983 | 3.834 | 3.707 | 3.597 | 3.501 | 3.416 | 3.275 | 3.161 | 3.067 | 2.988 | 2.921 | 2.697 | 2.569 | 2.486 | 2.428 | 2.385 | 2.353 | 2.326 | 2.288 | 2.260 | 2.212 | 2.101 |
| 18 | 24766 | 199.4 | 42.88 | 20.258 | 12.985 | 9.664 | 7.826 | 6.678 | 5.899 | 5.340 | 4.921 | 4.595 | 4.334 | 4.122 | 3.946 | 3.797 | 3.670 | 3.560 | 3.464 | 3.380 | 3.239 | 3.125 | 3.031 | 2.952 | 2.885 | 2.661 | 2.533 | 2.450 | 2.392 | 2.349 | 2.316 | 2.290 | 2.251 | 2.224 | 2.175 | 2.064 |
| 19 | 24803 | 199.4 | 42.83 | 20.211 | 12.942 | 9.625 | 7.788 | 6.641 | 5.864 | 5.306 | 4.886 | 4.561 | 4.301 | 4.089 | 3.913 | 3.764 | 3.637 | 3.527 | 3.432 | 3.348 | 3.206 | 3.092 | 2.998 | 2.919 | 2.853 | 2.628 | 2.500 | 2.417 | 2.359 | 2.316 | 2.283 | 2.257 | 2.218 | 2.191 | 2.142 | 2.031 |
| 20 | 24837 | 199.4 | 42.78 | 20.167 | 12.903 | 9.589 | 7.754 | 6.608 | 5.832 | 5.274 | 4.855 | 4.530 | 4.270 | 4.059 | 3.883 | 3.734 | 3.607 | 3.498 | 3.402 | 3.318 | 3.176 | 3.062 | 2.968 | 2.890 | 2.823 | 2.598 | 2.470 | 2.387 | 2.329 | 2.286 | 2.253 | 2.227 | 2.188 | 2.161 | 2.112 | 2.000 |
| 21 | 24863 | 199.4 | 42.73 | 20.128 | 12.868 | 9.556 | 7.723 | 6.578 | 5.803 | 5.245 | 4.827 | 4.502 | 4.243 | 4.031 | 3.855 | 3.707 | 3.580 | 3.471 | 3.375 | 3.291 | 3.149 | 3.035 | 2.941 | 2.863 | 2.796 | 2.571 | 2.443 | 2.360 | 2.302 | 2.259 | 2.226 | 2.199 | 2.160 | 2.133 | 2.084 | 1.971 |
| 22 | 24892 | 199.4 | 42.69 | 20.093 | 12.837 | 9.527 | 7.695 | 6.551 | 5.776 | 5.219 | 4.801 | 4.476 | 4.217 | 4.006 | 3.830 | 3.682 | 3.555 | 3.446 | 3.350 | 3.266 | 3.125 | 3.011 | 2.917 | 2.838 | 2.771 | 2.546 | 2.418 | 2.335 | 2.276 | 2.233 | 2.200 | 2.174 | 2.135 | 2.107 | 2.058 | 1.945 |
| 23 | 24915 | 199.4 | 42.66 | 20.060 | 12.807 | 9.499 | 7.669 | 6.526 | 5.752 | 5.195 | 4.778 | 4.453 | 4.194 | 3.983 | 3.807 | 3.659 | 3.532 | 3.423 | 3.327 | 3.243 | 3.102 | 2.988 | 2.894 | 2.815 | 2.748 | 2.523 | 2.395 | 2.311 | 2.253 | 2.210 | 2.177 | 2.150 | 2.111 | 2.083 | 2.034 | 1.921 |
| 24 | 24937 | 199.4 | 42.62 | 20.030 | 12.780 | 9.474 | 7.645 | 6.503 | 5.729 | 5.173 | 4.756 | 4.431 | 4.173 | 3.961 | 3.786 | 3.638 | 3.511 | 3.402 | 3.306 | 3.222 | 3.081 | 2.967 | 2.873 | 2.794 | 2.727 | 2.502 | 2.373 | 2.290 | 2.231 | 2.188 | 2.155 | 2.128 | 2.089 | 2.061 | 2.012 | 1.898 |
| 25 | 24959 | 199.4 | 42.59 | 20.003 | 12.756 | 9.451 | 7.623 | 6.482 | 5.708 | 5.153 | 4.736 | 4.412 | 4.153 | 3.942 | 3.766 | 3.618 | 3.492 | 3.382 | 3.287 | 3.203 | 3.061 | 2.947 | 2.853 | 2.775 | 2.708 | 2.482 | 2.353 | 2.270 | 2.211 | 2.168 | 2.134 | 2.108 | 2.069 | 2.041 | 1.991 | 1.877 |
| 26 | 24982 | 199.5 | 42.56 | 19.977 | 12.732 | 9.430 | 7.603 | 6.462 | 5.689 | 5.134 | 4.717 | 4.393 | 4.134 | 3.923 | 3.748 | 3.600 | 3.473 | 3.364 | 3.269 | 3.184 | 3.043 | 2.929 | 2.835 | 2.756 | 2.689 | 2.464 | 2.335 | 2.251 | 2.192 | 2.149 | 2.115 | 2.089 | 2.049 | 2.021 | 1.972 | 1.857 |
| 27 | 24997 | 199.5 | 42.54 | 19.953 | 12.711 | 9.410 | 7.584 | 6.444 | 5.671 | 5.116 | 4.700 | 4.376 | 4.117 | 3.906 | 3.731 | 3.583 | 3.457 | 3.347 | 3.252 | 3.168 | 3.026 | 2.912 | 2.818 | 2.739 | 2.672 | 2.447 | 2.317 | 2.234 | 2.175 | 2.131 | 2.098 | 2.071 | 2.031 | 2.003 | 1.953 | 1.839 |
| 28 | 25012 | 199.5 | 42.51 | 19.931 | 12.691 | 9.391 | 7.566 | 6.427 | 5.655 | 5.100 | 4.684 | 4.360 | 4.101 | 3.891 | 3.715 | 3.567 | 3.441 | 3.332 | 3.236 | 3.152 | 3.011 | 2.897 | 2.802 | 2.724 | 2.657 | 2.431 | 2.301 | 2.217 | 2.158 | 2.115 | 2.081 | 2.054 | 2.015 | 1.987 | 1.936 | 1.821 |
| 29 | 25027 | 199.5 | 42.49 | 19.911 | 12.673 | 9.374 | 7.550 | 6.411 | 5.639 | 5.085 | 4.668 | 4.345 | 4.087 | 3.876 | 3.701 | 3.553 | 3.426 | 3.317 | 3.221 | 3.137 | 2.996 | 2.882 | 2.788 | 2.709 | 2.642 | 2.416 | 2.286 | 2.202 | 2.143 | 2.099 | 2.065 | 2.039 | 1.999 | 1.971 | 1.920 | 1.805 |
| 30 | 25041 | 199.5 | 42.47 | 19.892 | 12.656 | 9.358 | 7.534 | 6.396 | 5.625 | 5.071 | 4.654 | 4.331 | 4.073 | 3.862 | 3.687 | 3.539 | 3.412 | 3.303 | 3.208 | 3.123 | 2.982 | 2.868 | 2.774 | 2.695 | 2.628 | 2.401 | 2.272 | 2.187 | 2.128 | 2.084 | 2.051 | 2.024 | 1.984 | 1.956 | 1.905 | 1.789 |
| 40 | 25146 | 199.5 | 42.31 | 19.751 | 12.530 | 9.241 | 7.422 | 6.288 | 5.519 | 4.966 | 4.551 | 4.228 | 3.970 | 3.760 | 3.585 | 3.437 | 3.311 | 3.201 | 3.106 | 3.022 | 2.880 | 2.765 | 2.671 | 2.592 | 2.524 | 2.296 | 2.164 | 2.079 | 2.019 | 1.974 | 1.939 | 1.912 | 1.871 | 1.842 | 1.790 | 1.669 |
| 50 | 25213 | 199.5 | 42.21 | 19.667 | 12.454 | 9.170 | 7.354 | 6.222 | 5.454 | 4.902 | 4.488 | 4.165 | 3.908 | 3.697 | 3.523 | 3.375 | 3.248 | 3.139 | 3.043 | 2.959 | 2.817 | 2.702 | 2.607 | 2.527 | 2.459 | 2.230 | 2.097 | 2.010 | 1.949 | 1.903 | 1.868 | 1.840 | 1.798 | 1.768 | 1.715 | 1.590 |
| 60 | 25254 | 199.5 | 42.15 | 19.611 | 12.402 | 9.122 | 7.309 | 6.177 | 5.410 | 4.859 | 4.445 | 4.123 | 3.866 | 3.655 | 3.480 | 3.332 | 3.206 | 3.096 | 3.000 | 2.916 | 2.774 | 2.658 | 2.563 | 2.483 | 2.415 | 2.184 | 2.050 | 1.962 | 1.900 | 1.854 | 1.818 | 1.790 | 1.747 | 1.716 | 1.661 | 1.533 |
| 70 | 25284 | 199.5 | 42.10 | 19.571 | 12.366 | 9.088 | 7.276 | 6.145 | 5.379 | 4.828 | 4.414 | 4.092 | 3.835 | 3.625 | 3.450 | 3.302 | 3.175 | 3.065 | 2.970 | 2.885 | 2.742 | 2.627 | 2.532 | 2.451 | 2.383 | 2.150 | 2.015 | 1.927 | 1.864 | 1.817 | 1.781 | 1.752 | 1.709 | 1.678 | 1.621 | 1.489 |
| 80 | 25306 | 199.5 | 42.07 | 19.540 | 12.338 | 9.062 | 7.251 | 6.121 | 5.356 | 4.805 | 4.391 | 4.069 | 3.812 | 3.602 | 3.427 | 3.279 | 3.152 | 3.042 | 2.946 | 2.861 | 2.719 | 2.603 | 2.508 | 2.427 | 2.358 | 2.125 | 1.989 | 1.900 | 1.837 | 1.789 | 1.752 | 1.723 | 1.679 | 1.647 | 1.590 | 1.454 |
| 90 | 25325 | 199.5 | 42.04 | 19.516 | 12.317 | 9.042 | 7.232 | 6.102 | 5.337 | 4.787 | 4.373 | 4.051 | 3.794 | 3.584 | 3.409 | 3.261 | 3.134 | 3.024 | 2.928 | 2.843 | 2.700 | 2.584 | 2.489 | 2.408 | 2.339 | 2.105 | 1.968 | 1.878 | 1.815 | 1.767 | 1.730 | 1.700 | 1.655 | 1.623 | 1.565 | 1.426 |
| 100 | 25339 | 199.5 | 42.02 | 19.497 | 12.300 | 9.026 | 7.217 | 6.087 | 5.322 | 4.772 | 4.359 | 4.037 | 3.780 | 3.569 | 3.394 | 3.246 | 3.119 | 3.009 | 2.913 | 2.828 | 2.685 | 2.569 | 2.473 | 2.392 | 2.323 | 2.088 | 1.951 | 1.861 | 1.797 | 1.748 | 1.711 | 1.681 | 1.636 | 1.603 | 1.544 | 1.402 |
| 120 | 25358 | 199.5 | 41.99 | 19.469 | 12.274 | 9.001 | 7.193 | 6.065 | 5.300 | 4.750 | 4.337 | 4.015 | 3.758 | 3.547 | 3.372 | 3.224 | 3.097 | 2.987 | 2.891 | 2.806 | 2.663 | 2.546 | 2.450 | 2.369 | 2.300 | 2.064 | 1.925 | 1.834 | 1.769 | 1.720 | 1.682 | 1.652 | 1.606 | 1.572 | 1.512 | 1.364 |
| 140 | 25377 | 199.5 | 41.97 | 19.448 | 12.255 | 8.984 | 7.177 | 6.049 | 5.284 | 4.734 | 4.321 | 3.999 | 3.742 | 3.532 | 3.356 | 3.208 | 3.081 | 2.971 | 2.875 | 2.790 | 2.646 | 2.530 | 2.433 | 2.352 | 2.283 | 2.046 | 1.907 | 1.815 | 1.749 | 1.700 | 1.661 | 1.630 | 1.583 | 1.549 | 1.488 | 1.335 |
| 200 | 25399 | 199.5 | 41.92 | 19.411 | 12.222 | 8.953 | 7.147 | 6.019 | 5.255 | 4.706 | 4.293 | 3.971 | 3.714 | 3.503 | 3.328 | 3.180 | 3.052 | 2.942 | 2.846 | 2.760 | 2.617 | 2.500 | 2.403 | 2.321 | 2.251 | 2.012 | 1.872 | 1.779 | 1.712 | 1.661 | 1.622 | 1.590 | 1.541 | 1.506 | 1.442 | 1.276 |
| ∞ | 25466 | 199.5 | 41.83 | 19.325 | 12.144 | 8.879 | 7.076 | 5.951 | 5.188 | 4.639 | 4.226 | 3.904 | 3.647 | 3.436 | 3.260 | 3.111 | 2.984 | 2.873 | 2.776 | 2.690 | 2.546 | 2.428 | 2.330 | 2.247 | 2.176 | 1.932 | 1.786 | 1.689 | 1.618 | 1.563 | 1.520 | 1.485 | 1.431 | 1.391 | 1.314 | 1.000 |

# Tavola dei quantili 0.999 della distribuzione F(m,n) [α=0.001]




| | n | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| m | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 200 | ∞ |
| 1 | 405312 | 998.4 | 167.1 | 74.13 | 47.18 | 35.507 | 29.246 | 25.415 | 22.857 | 21.038 | 19.687 | 18.645 | 17.815 | 17.142 | 16.587 | 16.120 | 15.722 | 15.380 | 15.081 | 14.819 | 14.381 | 14.028 | 13.739 | 13.497 | 13.293 | 12.609 | 12.222 | 11.973 | 11.800 | 11.672 | 11.573 | 11.496 | 11.380 | 11.299 | 11.154 | 10.828 |
| 2 | 499725 | 998.8 | 148.5 | 61.25 | 37.12 | 27.001 | 21.690 | 18.494 | 16.387 | 14.905 | 13.812 | 12.973 | 12.313 | 11.779 | 11.340 | 10.970 | 10.658 | 10.390 | 10.157 | 9.953 | 9.612 | 9.340 | 9.117 | 8.930 | 8.773 | 8.251 | 7.956 | 7.768 | 7.637 | 7.540 | 7.466 | 7.408 | 7.321 | 7.260 | 7.152 | 6.908 |
| 3 | 540257 | 999.3 | 141.1 | 56.17 | 33.20 | 23.705 | 18.772 | 15.829 | 13.901 | 12.553 | 11.561 | 10.805 | 10.209 | 9.730 | 9.335 | 9.006 | 8.727 | 8.487 | 8.280 | 8.098 | 7.796 | 7.554 | 7.357 | 7.193 | 7.054 | 6.595 | 6.336 | 6.171 | 6.056 | 5.972 | 5.908 | 5.857 | 5.781 | 5.728 | 5.634 | 5.422 |
| 4 | 562668 | 999.3 | 137.1 | 53.43 | 31.08 | 21.922 | 17.197 | 14.392 | 12.560 | 11.283 | 10.346 | 9.633 | 9.073 | 8.622 | 8.253 | 7.944 | 7.683 | 7.460 | 7.265 | 7.096 | 6.814 | 6.589 | 6.406 | 6.253 | 6.125 | 5.698 | 5.459 | 5.307 | 5.201 | 5.123 | 5.064 | 5.017 | 4.947 | 4.898 | 4.812 | 4.617 |
| 5 | 576496 | 999.3 | 134.6 | 51.72 | 29.75 | 20.802 | 16.207 | 13.484 | 11.714 | 10.481 | 9.579 | 8.892 | 8.355 | 7.922 | 7.567 | 7.272 | 7.022 | 6.808 | 6.622 | 6.461 | 6.191 | 5.977 | 5.802 | 5.657 | 5.534 | 5.128 | 4.901 | 4.757 | 4.656 | 4.582 | 4.526 | 4.482 | 4.416 | 4.369 | 4.287 | 4.103 |
| 6 | 586033 | 999.3 | 132.8 | 50.52 | 28.83 | 20.031 | 15.520 | 12.858 | 11.129 | 9.926 | 9.047 | 8.378 | 7.856 | 7.436 | 7.091 | 6.805 | 6.562 | 6.355 | 6.175 | 6.019 | 5.758 | 5.551 | 5.381 | 5.241 | 5.122 | 4.731 | 4.512 | 4.372 | 4.275 | 4.204 | 4.150 | 4.107 | 4.044 | 3.999 | 3.920 | 3.743 |
| 7 | 593185 | 999.3 | 131.6 | 49.65 | 28.17 | 19.463 | 15.018 | 12.398 | 10.697 | 9.517 | 8.655 | 8.001 | 7.489 | 7.078 | 6.741 | 6.460 | 6.224 | 6.021 | 5.845 | 5.692 | 5.437 | 5.235 | 5.070 | 4.933 | 4.817 | 4.436 | 4.222 | 4.086 | 3.992 | 3.923 | 3.870 | 3.829 | 3.767 | 3.724 | 3.647 | 3.474 |
| 8 | 597954 | 999.3 | 130.6 | 49.00 | 27.65 | 19.030 | 14.634 | 12.045 | 10.368 | 9.204 | 8.355 | 7.711 | 7.206 | 6.802 | 6.471 | 6.195 | 5.962 | 5.763 | 5.591 | 5.440 | 5.190 | 4.991 | 4.829 | 4.695 | 4.582 | 4.207 | 3.998 | 3.865 | 3.773 | 3.705 | 3.653 | 3.612 | 3.552 | 3.510 | 3.434 | 3.266 |
| 9 | 602245 | 999.3 | 129.9 | 48.47 | 27.24 | 18.688 | 14.330 | 11.767 | 10.106 | 8.956 | 8.116 | 7.480 | 6.982 | 6.583 | 6.256 | 5.984 | 5.754 | 5.557 | 5.387 | 5.239 | 4.993 | 4.797 | 4.637 | 4.505 | 4.393 | 4.024 | 3.819 | 3.687 | 3.596 | 3.530 | 3.479 | 3.439 | 3.379 | 3.337 | 3.263 | 3.098 |
| 10 | 605583 | 999.3 | 129.2 | 48.05 | 26.91 | 18.412 | 14.083 | 11.540 | 9.894 | 8.754 | 7.923 | 7.292 | 6.799 | 6.404 | 6.081 | 5.812 | 5.584 | 5.390 | 5.222 | 5.075 | 4.832 | 4.638 | 4.480 | 4.349 | 4.239 | 3.874 | 3.671 | 3.542 | 3.452 | 3.386 | 3.336 | 3.296 | 3.237 | 3.196 | 3.123 | 2.959 |
| 11 | 608444 | 999.3 | 128.8 | 47.70 | 26.64 | 18.183 | 13.879 | 11.352 | 9.719 | 8.587 | 7.762 | 7.136 | 6.647 | 6.256 | 5.935 | 5.668 | 5.443 | 5.251 | 5.084 | 4.939 | 4.698 | 4.505 | 4.349 | 4.219 | 4.110 | 3.749 | 3.548 | 3.419 | 3.330 | 3.265 | 3.215 | 3.176 | 3.118 | 3.077 | 3.005 | 2.842 |
| 12 | 610352 | 999.3 | 128.3 | 47.41 | 26.42 | 17.990 | 13.708 | 11.194 | 9.570 | 8.446 | 7.625 | 7.005 | 6.519 | 6.130 | 5.812 | 5.547 | 5.324 | 5.132 | 4.967 | 4.823 | 4.583 | 4.393 | 4.238 | 4.109 | 4.001 | 3.643 | 3.443 | 3.315 | 3.227 | 3.162 | 3.113 | 3.074 | 3.016 | 2.976 | 2.904 | 2.742 |
| 13 | 612259 | 999.3 | 127.9 | 47.16 | 26.22 | 17.826 | 13.561 | 11.059 | 9.443 | 8.325 | 7.510 | 6.892 | 6.409 | 6.023 | 5.707 | 5.443 | 5.221 | 5.031 | 4.867 | 4.723 | 4.486 | 4.296 | 4.142 | 4.014 | 3.907 | 3.551 | 3.352 | 3.226 | 3.138 | 3.074 | 3.024 | 2.986 | 2.928 | 2.888 | 2.816 | 2.656 |
| 14 | 614166 | 999.3 | 127.6 | 46.94 | 26.06 | 17.684 | 13.435 | 10.943 | 9.333 | 8.220 | 7.409 | 6.795 | 6.315 | 5.930 | 5.615 | 5.353 | 5.132 | 4.943 | 4.780 | 4.638 | 4.401 | 4.212 | 4.059 | 3.932 | 3.825 | 3.471 | 3.273 | 3.147 | 3.060 | 2.996 | 2.947 | 2.908 | 2.851 | 2.811 | 2.740 | 2.580 |
| 15 | 616074 | 999.3 | 127.4 | 46.76 | 25.91 | 17.557 | 13.324 | 10.841 | 9.239 | 8.129 | 7.321 | 6.709 | 6.231 | 5.848 | 5.535 | 5.275 | 5.055 | 4.866 | 4.703 | 4.562 | 4.326 | 4.139 | 3.986 | 3.859 | 3.753 | 3.400 | 3.203 | 3.078 | 2.991 | 2.927 | 2.879 | 2.840 | 2.783 | 2.743 | 2.672 | 2.513 |
| 16 | 617027 | 999.3 | 127.1 | 46.60 | 25.78 | 17.451 | 13.228 | 10.752 | 9.153 | 8.048 | 7.243 | 6.634 | 6.158 | 5.776 | 5.464 | 5.205 | 4.986 | 4.798 | 4.636 | 4.495 | 4.260 | 4.074 | 3.922 | 3.795 | 3.689 | 3.338 | 3.142 | 3.017 | 2.930 | 2.866 | 2.818 | 2.780 | 2.723 | 2.683 | 2.612 | 2.453 |
| 17 | 617981 | 999.3 | 127.0 | 46.45 | 25.67 | 17.353 | 13.140 | 10.672 | 9.079 | 7.977 | 7.175 | 6.567 | 6.093 | 5.713 | 5.401 | 5.143 | 4.924 | 4.738 | 4.576 | 4.435 | 4.201 | 4.015 | 3.864 | 3.738 | 3.632 | 3.282 | 3.086 | 2.962 | 2.875 | 2.812 | 2.763 | 2.725 | 2.668 | 2.629 | 2.558 | 2.399 |
| 18 | 618935 | 999.3 | 126.7 | 46.32 | 25.57 | 17.266 | 13.064 | 10.601 | 9.012 | 7.913 | 7.113 | 6.507 | 6.034 | 5.655 | 5.345 | 5.087 | 4.869 | 4.683 | 4.522 | 4.382 | 4.149 | 3.963 | 3.812 | 3.687 | 3.581 | 3.232 | 3.037 | 2.912 | 2.826 | 2.763 | 2.714 | 2.676 | 2.620 | 2.580 | 2.509 | 2.351 |
| 19 | 619888 | 999.3 | 126.6 | 46.20 | 25.48 | 17.189 | 12.995 | 10.537 | 8.952 | 7.856 | 7.058 | 6.454 | 5.982 | 5.603 | 5.294 | 5.037 | 4.820 | 4.634 | 4.474 | 4.334 | 4.101 | 3.916 | 3.765 | 3.640 | 3.535 | 3.186 | 2.992 | 2.867 | 2.781 | 2.718 | 2.670 | 2.632 | 2.575 | 2.535 | 2.465 | 2.306 |
| 20 | 620842 | 999.3 | 126.4 | 46.10 | 25.39 | 17.120 | 12.931 | 10.479 | 8.898 | 7.803 | 7.008 | 6.405 | 5.934 | 5.557 | 5.249 | 4.992 | 4.775 | 4.590 | 4.430 | 4.290 | 4.058 | 3.873 | 3.723 | 3.598 | 3.493 | 3.145 | 2.951 | 2.826 | 2.741 | 2.677 | 2.629 | 2.591 | 2.534 | 2.495 | 2.424 | 2.266 |
| 21 | 621796 | 999.3 | 126.3 | 46.00 | 25.32 | 17.058 | 12.875 | 10.426 | 8.848 | 7.756 | 6.962 | 6.361 | 5.891 | 5.514 | 5.207 | 4.950 | 4.734 | 4.549 | 4.390 | 4.250 | 4.019 | 3.834 | 3.684 | 3.560 | 3.454 | 3.107 | 2.913 | 2.789 | 2.703 | 2.640 | 2.592 | 2.554 | 2.497 | 2.457 | 2.387 | 2.228 |
| 22 | 622272 | 999.3 | 126.1 | 45.91 | 25.25 | 17.000 | 12.824 | 10.379 | 8.803 | 7.713 | 6.920 | 6.320 | 5.851 | 5.476 | 5.168 | 4.913 | 4.697 | 4.512 | 4.353 | 4.214 | 3.983 | 3.799 | 3.649 | 3.524 | 3.419 | 3.073 | 2.879 | 2.755 | 2.669 | 2.606 | 2.557 | 2.519 | 2.463 | 2.423 | 2.353 | 2.194 |
| 23 | 622749 | 999.3 | 126.0 | 45.84 | 25.19 | 16.946 | 12.777 | 10.335 | 8.762 | 7.674 | 6.882 | 6.283 | 5.815 | 5.440 | 5.133 | 4.878 | 4.663 | 4.478 | 4.319 | 4.180 | 3.949 | 3.766 | 3.616 | 3.492 | 3.387 | 3.041 | 2.847 | 2.723 | 2.637 | 2.574 | 2.526 | 2.488 | 2.431 | 2.392 | 2.321 | 2.162 |
| 24 | 623703 | 999.3 | 125.9 | 45.77 | 25.13 | 16.898 | 12.733 | 10.295 | 8.724 | 7.638 | 6.848 | 6.249 | 5.782 | 5.407 | 5.101 | 4.846 | 4.631 | 4.447 | 4.288 | 4.149 | 3.919 | 3.735 | 3.586 | 3.462 | 3.357 | 3.011 | 2.817 | 2.694 | 2.608 | 2.545 | 2.497 | 2.458 | 2.402 | 2.362 | 2.292 | 2.132 |
| 25 | 623703 | 999.3 | 125.8 | 45.69 | 25.08 | 16.851 | 12.693 | 10.259 | 8.689 | 7.604 | 6.815 | 6.217 | 5.751 | 5.377 | 5.071 | 4.817 | 4.602 | 4.418 | 4.259 | 4.121 | 3.891 | 3.707 | 3.558 | 3.434 | 3.330 | 2.984 | 2.790 | 2.667 | 2.581 | 2.518 | 2.469 | 2.431 | 2.375 | 2.335 | 2.264 | 2.105 |
| 26 | 624657 | 999.3 | 125.7 | 45.63 | 25.03 | 16.811 | 12.655 | 10.225 | 8.657 | 7.573 | 6.785 | 6.188 | 5.722 | 5.349 | 5.043 | 4.789 | 4.575 | 4.391 | 4.233 | 4.094 | 3.864 | 3.681 | 3.532 | 3.408 | 3.304 | 2.958 | 2.765 | 2.641 | 2.555 | 2.492 | 2.444 | 2.406 | 2.349 | 2.309 | 2.239 | 2.079 |
| 27 | 624657 | 999.3 | 125.7 | 45.58 | 24.99 | 16.771 | 12.620 | 10.192 | 8.626 | 7.544 | 6.757 | 6.161 | 5.695 | 5.322 | 5.018 | 4.764 | 4.550 | 4.366 | 4.208 | 4.070 | 3.840 | 3.657 | 3.508 | 3.384 | 3.280 | 2.935 | 2.741 | 2.618 | 2.532 | 2.468 | 2.420 | 2.382 | 2.325 | 2.285 | 2.215 | 2.055 |
| 28 | 625610 | 999.3 | 125.6 | 45.52 | 24.94 | 16.738 | 12.587 | 10.163 | 8.598 | 7.517 | 6.731 | 6.135 | 5.671 | 5.298 | 4.994 | 4.740 | 4.526 | 4.343 | 4.185 | 4.047 | 3.817 | 3.634 | 3.486 | 3.362 | 3.258 | 2.912 | 2.719 | 2.595 | 2.509 | 2.446 | 2.398 | 2.360 | 2.303 | 2.263 | 2.192 | 2.032 |
| 29 | 625610 | 999.3 | 125.5 | 45.47 | 24.91 | 16.702 | 12.558 | 10.135 | 8.572 | 7.492 | 6.707 | 6.112 | 5.648 | 5.276 | 4.971 | 4.718 | 4.504 | 4.321 | 4.163 | 4.025 | 3.796 | 3.613 | 3.464 | 3.341 | 3.237 | 2.892 | 2.698 | 2.575 | 2.489 | 2.425 | 2.377 | 2.339 | 2.282 | 2.242 | 2.171 | 2.010 |
| 30 | 626087 | 999.3 | 125.4 | 45.43 | 24.87 | 16.673 | 12.529 | 10.108 | 8.547 | 7.469 | 6.684 | 6.090 | 5.626 | 5.254 | 4.950 | 4.697 | 4.484 | 4.301 | 4.143 | 4.005 | 3.776 | 3.593 | 3.445 | 3.321 | 3.217 | 2.872 | 2.679 | 2.555 | 2.469 | 2.406 | 2.357 | 2.319 | 2.262 | 2.222 | 2.151 | 1.990 |
| 40 | 628471 | 999.3 | 125.0 | 45.08 | 24.60 | 16.444 | 12.325 | 9.919 | 8.368 | 7.297 | 6.517 | 5.928 | 5.467 | 5.098 | 4.796 | 4.545 | 4.332 | 4.151 | 3.994 | 3.856 | 3.628 | 3.447 | 3.299 | 3.176 | 3.072 | 2.727 | 2.533 | 2.409 | 2.322 | 2.258 | 2.209 | 2.170 | 2.113 | 2.072 | 2.000 | 1.835 |
| 50 | 630379 | 999.3 | 124.7 | 44.88 | 24.44 | 16.305 | 12.202 | 9.804 | 8.260 | 7.192 | 6.416 | 5.829 | 5.370 | 5.002 | 4.702 | 4.451 | 4.240 | 4.059 | 3.902 | 3.765 | 3.537 | 3.356 | 3.208 | 3.085 | 2.981 | 2.636 | 2.441 | 2.316 | 2.229 | 2.164 | 2.115 | 2.076 | 2.017 | 1.976 | 1.902 | 1.733 |
| 60 | 631332 | 999.3 | 124.4 | 44.75 | 24.33 | 16.214 | 12.118 | 9.728 | 8.186 | 7.122 | 6.348 | 5.763 | 5.305 | 4.938 | 4.638 | 4.388 | 4.177 | 3.996 | 3.840 | 3.703 | 3.476 | 3.295 | 3.147 | 3.024 | 2.920 | 2.574 | 2.378 | 2.252 | 2.164 | 2.099 | 2.049 | 2.009 | 1.950 | 1.908 | 1.833 | 1.660 |
| 70 | 632286 | 999.3 | 124.3 | 44.65 | 24.26 | 16.149 | 12.060 | 9.672 | 8.135 | 7.072 | 6.299 | 5.714 | 5.257 | 4.891 | 4.592 | 4.342 | 4.131 | 3.951 | 3.795 | 3.658 | 3.431 | 3.250 | 3.102 | 2.979 | 2.875 | 2.528 | 2.332 | 2.205 | 2.117 | 2.051 | 2.000 | 1.960 | 1.900 | 1.858 | 1.782 | 1.605 |
| 80 | 632286 | 999.3 | 124.2 | 44.57 | 24.20 | 16.098 | 12.014 | 9.630 | 8.095 | 7.034 | 6.262 | 5.678 | 5.222 | 4.856 | 4.557 | 4.308 | 4.097 | 3.917 | 3.761 | 3.624 | 3.397 | 3.216 | 3.068 | 2.945 | 2.841 | 2.493 | 2.296 | 2.169 | 2.080 | 2.014 | 1.963 | 1.922 | 1.862 | 1.819 | 1.741 | 1.560 |
| 90 | 633240 | 999.3 | 124.2 | 44.51 | 24.15 | 16.058 | 11.980 | 9.597 | 8.064 | 7.004 | 6.234 | 5.650 | 5.194 | 4.829 | 4.530 | 4.281 | 4.070 | 3.890 | 3.734 | 3.598 | 3.371 | 3.190 | 3.042 | 2.918 | 2.814 | 2.466 | 2.269 | 2.141 | 2.051 | 1.984 | 1.933 | 1.892 | 1.831 | 1.787 | 1.709 | 1.525 |
| 100 | 633240 | 999.3 | 124.1 | 44.47 | 24.11 | 16.029 | 11.951 | 9.572 | 8.038 | 6.980 | 6.210 | 5.627 | 5.172 | 4.807 | 4.508 | 4.259 | 4.049 | 3.869 | 3.713 | 3.576 | 3.349 | 3.168 | 3.020 | 2.897 | 2.792 | 2.444 | 2.246 | 2.118 | 2.027 | 1.960 | 1.909 | 1.867 | 1.806 | 1.762 | 1.682 | 1.494 |
| 120 | 634193 | 999.3 | 124.0 | 44.40 | 24.06 | 15.982 | 11.909 | 9.532 | 8.002 | 6.944 | 6.175 | 5.593 | 5.138 | 4.773 | 4.475 | 4.226 | 4.016 | 3.836 | 3.680 | 3.544 | 3.317 | 3.136 | 2.987 | 2.864 | 2.760 | 2.410 | 2.211 | 2.082 | 1.991 | 1.924 | 1.871 | 1.829 | 1.767 | 1.722 | 1.641 | 1.447 |
| 140 | 634193 | 999.3 | 123.9 | 44.35 | 24.02 | 15.949 | 11.878 | 9.504 | 7.974 | 6.919 | 6.150 | 5.569 | 5.114 | 4.749 | 4.452 | 4.203 | 3.993 | 3.813 | 3.657 | 3.521 | 3.294 | 3.112 | 2.964 | 2.841 | 2.736 | 2.386 | 2.186 | 2.056 | 1.965 | 1.897 | 1.844 | 1.801 | 1.738 | 1.693 | 1.610 | 1.410 |
| 200 | 635147 | 999.3 | 123.7 | 44.27 | 23.95 | 15.887 | 11.823 | 9.453 | 7.926 | 6.872 | 6.105 | 5.524 | 5.070 | 4.707 | 4.408 | 4.160 | 3.950 | 3.770 | 3.615 | 3.478 | 3.251 | 3.070 | 2.922 | 2.798 | 2.693 | 2.341 | 2.140 | 2.009 | 1.916 | 1.846 | 1.793 | 1.749 | 1.684 | 1.637 | 1.552 | 1.338 |
| ∞ | 636578 | 999.3 | 123.5 | 44.05 | 23.79 | 15.745 | 11.696 | 9.333 | 7.813 | 6.762 | 5.998 | 5.420 | 4.967 | 4.604 | 4.307 | 4.059 | 3.849 | 3.670 | 3.514 | 3.378 | 3.150 | 2.969 | 2.819 | 2.695 | 2.589 | 2.233 | 2.026 | 1.890 | 1.793 | 1.720 | 1.662 | 1.615 | 1.543 | 1.491 | 1.390 | 1.000 |

**Nota:**

Per la determinazione, ad esempio, del quantile $\mathrm{F}^{0.05}{}_{\mathrm{m,n}}$ si ricordi che

$$F^{0.05}{}_{m,n} = \frac{1}{F^{0.95}{}_{\mathrm{n,m}}}$$