Table 14. Average values of generalized lower confidence limits with and without considering GME for different  under 95% confidence level,  and 

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *μ* | *n* | =0 | | =0.1 | | =0.2 | | =0.3 | |
|  |  |  |  |  |  |  |  |
| -1 | 25 | 0.2256 | 0.2256 | 0.2203 | 0.2200 | 0.2027 | 0.2017 | 0.1835 | 0.1816 |
| 75 | 0.2578 | 0.2578 | 0.2520 | 0.2516 | 0.2394 | 0.2381 | 0.2241 | 0.2214 |
| 100 | 0.2634 | 0.2634 | 0.2577 | 0.2573 | 0.2459 | 0.2445 | 0.2305 | 0.2277 |
| 150 | 0.2707 | 0.2707 | 0.2670 | 0.2666 | 0.2561 | 0.2545 | 0.2438 | 0.2406 |
| 200 | 0.2757 | 0.2757 | 0.2720 | 0.2715 | 0.2625 | 0.2608 | 0.2511 | 0.2477 |
| -0.5 | 25 | 0.7320 | 0.7320 | 0.6976 | 0.6877 | 0.6221 | 0.5927 | 0.5318 | 0.4870 |
| 75 | 0.8812 | 0.8812 | 0.8529 | 0.8386 | 0.7863 | 0.7418 | 0.7101 | 0.6379 |
| 100 | 0.9116 | 0.9116 | 0.8838 | 0.8684 | 0.8227 | 0.7743 | 0.7555 | 0.6737 |
| 150 | 0.9515 | 0.9515 | 0.9278 | 0.9106 | 0.8689 | 0.8146 | 0.8074 | 0.7144 |
| 200 | 0.9784 | 0.9784 | 0.9574 | 0.9388 | 0.9044 | 0.8449 | 0.8449 | 0.7424 |
| 0 | 25 | 2.0316 | 2.0316 | 1.9192 | 1.7798 | 1.6604 | 1.3477 | 1.4374 | 1.0079 |
| 75 | 2.3218 | 2.3218 | 2.2477 | 2.0455 | 2.0614 | 1.5772 | 1.8616 | 1.2169 |
| 100 | 2.3688 | 2.3688 | 2.3005 | 2.0863 | 2.1386 | 1.6148 | 1.9334 | 1.2462 |
| 150 | 2.4225 | 2.4225 | 2.3702 | 2.1391 | 2.2257 | 1.6551 | 2.0483 | 1.2812 |
| 200 | 2.4517 | 2.4517 | 2.4035 | 2.1642 | 2.2763 | 1.6774 | 2.1049 | 1.2976 |
| 0.5 | 25 | 2.0166 | 2.0166 | 1.9225 | 1.7833 | 1.7356 | 1.3931 | 1.5353 | 1.0817 |
| 75 | 2.2606 | 2.2606 | 2.1920 | 2.0017 | 2.0300 | 1.5606 | 1.8412 | 1.2127 |
| 100 | 2.3058 | 2.3058 | 2.2427 | 2.0413 | 2.0988 | 1.5942 | 1.9167 | 1.2388 |
| 150 | 2.3544 | 2.3544 | 2.3066 | 2.0902 | 2.1695 | 1.6280 | 2.0055 | 1.2670 |
| 200 | 2.3867 | 2.3867 | 2.3383 | 2.1143 | 2.2202 | 1.6509 | 2.0608 | 1.2836 |
| 1 | 25 | 1.5484 | 1.5484 | 1.4947 | 1.4251 | 1.3657 | 1.1783 | 1.2009 | 0.9473 |
| 75 | 1.7213 | 1.7213 | 1.6811 | 1.5878 | 1.5891 | 1.3258 | 1.4649 | 1.0788 |
| 100 | 1.7524 | 1.7524 | 1.7222 | 1.6229 | 1.6292 | 1.3505 | 1.5276 | 1.1058 |
| 150 | 1.7919 | 1.7919 | 1.7641 | 1.6583 | 1.6862 | 1.3843 | 1.5931 | 1.1324 |
| 200 | 1.8153 | 1.8153 | 1.7884 | 1.6787 | 1.7227 | 1.4053 | 1.6342 | 1.1490 |

Table 15. Average values of generalized lower confidence limits with and without considering GME for different  under 95% confidence level,  and 

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *μ* | *n* | =0 | | =0.1 | | =0.2 | | =0.3 | |
|  |  |  |  |  |  |  |  |
| -1 | 25 | 0.177308 | 0.177308 | 0.173794 | 0.173603 | 0.168374 | 0.167622 | 0.16019 | 0.158558 |
| 75 | 0.216011 | 0.216011 | 0.21458 | 0.21431 | 0.208208 | 0.207194 | 0.19995 | 0.197881 |
| 100 | 0.226428 | 0.226428 | 0.223457 | 0.223164 | 0.218468 | 0.217355 | 0.210361 | 0.208064 |
| 150 | 0.237791 | 0.237791 | 0.235904 | 0.235572 | 0.229585 | 0.228351 | 0.222885 | 0.220299 |
| 200 | 0.244206 | 0.244206 | 0.242424 | 0.242072 | 0.238542 | 0.237192 | 0.231981 | 0.229165 |
| -0.5 | 25 | 0.474804 | 0.474804 | 0.460123 | 0.456603 | 0.430506 | 0.418863 | 0.399072 | 0.377875 |
| 75 | 0.616648 | 0.616648 | 0.608123 | 0.602401 | 0.586179 | 0.565858 | 0.550103 | 0.513165 |
| 100 | 0.648667 | 0.648667 | 0.639909 | 0.63353 | 0.617094 | 0.594702 | 0.590322 | 0.547664 |
| 150 | 0.691225 | 0.691225 | 0.685625 | 0.678234 | 0.66594 | 0.639582 | 0.640161 | 0.589864 |
| 200 | 0.719768 | 0.719768 | 0.714304 | 0.706192 | 0.695495 | 0.666566 | 0.67324 | 0.617156 |
| 0 | 25 | 0.948607 | 0.948607 | 0.921663 | 0.903892 | 0.871063 | 0.813585 | 0.802912 | 0.704376 |
| 75 | 1.144527 | 1.144527 | 1.136119 | 1.107087 | 1.10322 | 1.00639 | 1.056732 | 0.886621 |
| 100 | 1.175946 | 1.175946 | 1.165861 | 1.134799 | 1.13843 | 1.033909 | 1.095153 | 0.910951 |
| 150 | 1.207282 | 1.207282 | 1.199312 | 1.165822 | 1.174609 | 1.061654 | 1.143381 | 0.940073 |
| 200 | 1.22353 | 1.22353 | 1.217382 | 1.182514 | 1.199062 | 1.080023 | 1.168671 | 0.954716 |
| 0.5 | 25 | 1.020051 | 1.020051 | 1.005595 | 0.984003 | 0.968714 | 0.89686 | 0.918593 | 0.792206 |
| 75 | 1.147476 | 1.147476 | 1.138147 | 1.108809 | 1.108683 | 1.010169 | 1.071206 | 0.895317 |
| 100 | 1.168425 | 1.168425 | 1.160666 | 1.129772 | 1.13954 | 1.034015 | 1.099722 | 0.912774 |
| 150 | 1.197187 | 1.197187 | 1.189089 | 1.156127 | 1.168184 | 1.055981 | 1.136504 | 0.934884 |
| 200 | 1.211751 | 1.211751 | 1.20591 | 1.171657 | 1.18885 | 1.071532 | 1.159664 | 0.948265 |
| 1 | 25 | 0.89997 | 0.89997 | 0.887249 | 0.871665 | 0.858458 | 0.804856 | 0.809328 | 0.715346 |
| 75 | 1.025464 | 1.025464 | 1.018981 | 0.996912 | 0.995291 | 0.919544 | 0.963028 | 0.824737 |
| 100 | 1.049895 | 1.049895 | 1.04356 | 1.020074 | 1.021979 | 0.941097 | 0.991173 | 0.843235 |
| 150 | 1.078636 | 1.078636 | 1.072233 | 1.046988 | 1.054751 | 0.967132 | 1.026853 | 0.866209 |
| 200 | 1.094213 | 1.094213 | 1.087959 | 1.0617 | 1.072044 | 0.980786 | 1.050157 | 0.88079 |

Table 16. Average values of generalized lower confidence limits with and without considering GME for different  under 95% confidence level,  and 

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *μ* | *n* | =0 | | =0.1 | | =0.2 | | =0.3 | |
|  |  |  |  |  |  |  |  |
| -1 | 25 | 0.401831 | 0.401831 | 0.389677 | 0.388785 | 0.371681 | 0.368469 | 0.347465 | 0.34125 |
| 75 | 0.451573 | 0.451573 | 0.446721 | 0.445507 | 0.431285 | 0.426872 | 0.411761 | 0.403028 |
| 100 | 0.463601 | 0.463601 | 0.458434 | 0.457138 | 0.443861 | 0.439138 | 0.426823 | 0.417317 |
| 150 | 0.475793 | 0.475793 | 0.471502 | 0.470113 | 0.459833 | 0.454683 | 0.44501 | 0.43453 |
| 200 | 0.484129 | 0.484129 | 0.480712 | 0.47925 | 0.469768 | 0.464335 | 0.45775 | 0.446518 |
| -0.5 | 25 | 1.169079 | 1.169079 | 1.127874 | 1.107798 | 1.046033 | 0.984026 | 0.935952 | 0.836826 |
| 75 | 1.38049 | 1.38049 | 1.354785 | 1.32459 | 1.297442 | 1.198137 | 1.216929 | 1.047273 |
| 100 | 1.425408 | 1.425408 | 1.398512 | 1.365948 | 1.348829 | 1.240256 | 1.270843 | 1.085392 |
| 150 | 1.477291 | 1.477291 | 1.459401 | 1.423149 | 1.41277 | 1.292285 | 1.343582 | 1.134516 |
| 200 | 1.511368 | 1.511368 | 1.496372 | 1.457757 | 1.45405 | 1.324876 | 1.391462 | 1.165483 |
| 0 | 25 | 2.069673 | 2.069673 | 2.011983 | 1.919176 | 1.869513 | 1.606414 | 1.684341 | 1.305037 |
| 75 | 2.325636 | 2.325636 | 2.281108 | 2.155491 | 2.177306 | 1.813966 | 2.036185 | 1.486388 |
| 100 | 2.3704 | 2.3704 | 2.333849 | 2.200579 | 2.232183 | 1.84792 | 2.096314 | 1.513024 |
| 150 | 2.423919 | 2.423919 | 2.388851 | 2.2473 | 2.302894 | 1.889929 | 2.181661 | 1.548576 |
| 200 | 2.456293 | 2.456293 | 2.427791 | 2.280037 | 2.349155 | 1.916378 | 2.24248 | 1.571711 |
| 0.5 | 25 | 1.975503 | 1.975503 | 1.929007 | 1.846314 | 1.796927 | 1.560134 | 1.640439 | 1.282254 |
| 75 | 2.217529 | 2.217529 | 2.185183 | 2.07246 | 2.080489 | 1.75327 | 1.942848 | 1.44435 |
| 100 | 2.264148 | 2.264148 | 2.230657 | 2.111742 | 2.139699 | 1.790289 | 2.017743 | 1.477002 |
| 150 | 2.316377 | 2.316377 | 2.286642 | 2.159762 | 2.207128 | 1.831377 | 2.097653 | 1.511742 |
| 200 | 2.348604 | 2.348604 | 2.320176 | 2.18831 | 2.254641 | 1.859306 | 2.144402 | 1.531274 |
| 1 | 25 | 1.354402 | 1.354402 | 1.319033 | 1.290136 | 1.245534 | 1.153636 | 1.157411 | 1.004974 |
| 75 | 1.501555 | 1.501555 | 1.486446 | 1.447407 | 1.435982 | 1.307871 | 1.368863 | 1.146692 |
| 100 | 1.529965 | 1.529965 | 1.51131 | 1.470551 | 1.47133 | 1.335346 | 1.409735 | 1.172511 |
| 150 | 1.565408 | 1.565408 | 1.551118 | 1.507478 | 1.51499 | 1.368795 | 1.460712 | 1.203347 |
| 200 | 1.584972 | 1.584972 | 1.570538 | 1.525443 | 1.539513 | 1.387389 | 1.495712 | 1.223918 |

Table 17. Average values of generalized lower confidence limits with and without considering GME for different  under 95% confidence level,  and 

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *μ* | *n* | =0 | | =0.1 | | =0.2 | | =0.3 | |
|  |  |  |  |  |  |  |  |
| -1 | 25 | 0.303856 | 0.303856 | 0.30145 | 0.300924 | 0.293079 | 0.29106 | 0.290364 | 0.285796 |
| 75 | 0.371155 | 0.371155 | 0.369389 | 0.368631 | 0.362855 | 0.359968 | 0.352879 | 0.346875 |
| 100 | 0.386998 | 0.386998 | 0.3842 | 0.383378 | 0.376892 | 0.373783 | 0.371027 | 0.364338 |
| 150 | 0.405096 | 0.405096 | 0.403568 | 0.402648 | 0.398884 | 0.395346 | 0.389792 | 0.382363 |
| 200 | 0.416468 | 0.416468 | 0.414563 | 0.413585 | 0.409494 | 0.405742 | 0.401908 | 0.39396 |
| -0.5 | 25 | 0.674916 | 0.674916 | 0.664741 | 0.660138 | 0.650374 | 0.633448 | 0.61726 | 0.584874 |
| 75 | 0.863093 | 0.863093 | 0.854574 | 0.846603 | 0.838552 | 0.809306 | 0.814669 | 0.757234 |
| 100 | 0.897708 | 0.897708 | 0.898085 | 0.889064 | 0.879237 | 0.846653 | 0.856919 | 0.792464 |
| 150 | 0.949565 | 0.949565 | 0.94361 | 0.933461 | 0.930082 | 0.892757 | 0.904763 | 0.831702 |
| 200 | 0.973515 | 0.973515 | 0.967674 | 0.956871 | 0.958592 | 0.918362 | 0.945036 | 0.864023 |
| 0 | 25 | 1.001821 | 1.001821 | 0.99161 | 0.979724 | 0.969245 | 0.926382 | 0.926816 | 0.846618 |
| 75 | 1.158201 | 1.158201 | 1.148755 | 1.131653 | 1.135866 | 1.073537 | 1.106865 | 0.987516 |
| 100 | 1.181512 | 1.181512 | 1.17691 | 1.158641 | 1.162905 | 1.096777 | 1.142443 | 1.013548 |
| 150 | 1.209609 | 1.209609 | 1.205877 | 1.1864 | 1.194579 | 1.123691 | 1.176148 | 1.0378 |
| 200 | 1.226536 | 1.226536 | 1.22283 | 1.202587 | 1.212898 | 1.139122 | 1.193069 | 1.049766 |
| 0.5 | 25 | 0.998213 | 0.998213 | 0.990203 | 0.978336 | 0.97056 | 0.927589 | 0.936381 | 0.854571 |
| 75 | 1.136116 | 1.136116 | 1.129939 | 1.113392 | 1.114563 | 1.054654 | 1.088685 | 0.973065 |
| 100 | 1.158347 | 1.158347 | 1.150937 | 1.133573 | 1.140059 | 1.076625 | 1.119475 | 0.995625 |
| 150 | 1.185216 | 1.185216 | 1.182409 | 1.163731 | 1.168171 | 1.10062 | 1.151767 | 1.019105 |
| 200 | 1.20363 | 1.20363 | 1.198584 | 1.179195 | 1.190342 | 1.119311 | 1.17382 | 1.034715 |
| 1 | 25 | 0.825765 | 0.825765 | 0.816843 | 0.809538 | 0.798452 | 0.771899 | 0.773395 | 0.721471 |
| 75 | 0.953452 | 0.953452 | 0.950262 | 0.939676 | 0.933777 | 0.895262 | 0.91912 | 0.841773 |
| 100 | 0.976798 | 0.976798 | 0.974345 | 0.963039 | 0.961635 | 0.920181 | 0.945095 | 0.862365 |
| 150 | 1.00545 | 1.00545 | 1.002912 | 0.990722 | 0.991608 | 0.946779 | 0.978197 | 0.888215 |
| 200 | 1.023139 | 1.023139 | 1.017722 | 1.005058 | 1.010361 | 0.96329 | 0.996522 | 0.902387 |

Table 18. Average values of generalized lower confidence limits with and without considering GME for different  under 95% confidence level,  and 

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *μ* | *n* | =0 | | =0.1 | | =0.2 | | =0.3 | |
|  |  |  |  |  |  |  |  |
| -1 | 25 | 0.845029 | 0.845029 | 0.835492 | 0.83171 | 0.813513 | 0.799585 | 0.78825 | 0.760041 |
| 75 | 0.948087 | 0.948087 | 0.943752 | 0.938734 | 0.92849 | 0.909697 | 0.909508 | 0.870678 |
| 100 | 0.970299 | 0.970299 | 0.963978 | 0.958692 | 0.952818 | 0.932788 | 0.933865 | 0.89257 |
| 150 | 0.99452 | 0.99452 | 0.992092 | 0.986402 | 0.98044 | 0.958915 | 0.962123 | 0.917756 |
| 200 | 1.010219 | 1.010219 | 1.007043 | 1.001128 | 0.996858 | 0.974402 | 0.981048 | 0.934501 |
| -0.5 | 25 | 1.744672 | 1.744672 | 1.731265 | 1.702613 | 1.671468 | 1.573507 | 1.588739 | 1.412109 |
| 75 | 2.013152 | 2.013152 | 1.991369 | 1.950567 | 1.956053 | 1.81325 | 1.886845 | 1.626988 |
| 100 | 2.059842 | 2.059842 | 2.046917 | 2.003023 | 2.007572 | 1.855299 | 1.944632 | 1.665968 |
| 150 | 2.116162 | 2.116162 | 2.102837 | 2.055671 | 2.069424 | 1.904973 | 2.018137 | 1.71379 |
| 200 | 2.146805 | 2.146805 | 2.135802 | 2.0866 | 2.103905 | 1.932302 | 2.063255 | 1.742327 |
| 0 | 25 | 2.084514 | 2.084514 | 2.056269 | 2.010789 | 1.981732 | 1.830785 | 1.892325 | 1.623355 |
| 75 | 2.324878 | 2.324878 | 2.304954 | 2.24467 | 2.253185 | 2.049625 | 2.180755 | 1.815802 |
| 100 | 2.369815 | 2.369815 | 2.350686 | 2.287257 | 2.303487 | 2.088459 | 2.233829 | 1.848567 |
| 150 | 2.423275 | 2.423275 | 2.40887 | 2.341166 | 2.365918 | 2.136011 | 2.309161 | 1.893153 |
| 200 | 2.456758 | 2.456758 | 2.440083 | 2.369995 | 2.401971 | 2.163074 | 2.34609 | 1.914406 |
| 0.5 | 25 | 1.758593 | 1.758593 | 1.733363 | 1.704498 | 1.67469 | 1.576187 | 1.579227 | 1.406025 |
| 75 | 2.01403 | 2.01403 | 1.995331 | 1.95431 | 1.953226 | 1.811081 | 1.887786 | 1.627808 |
| 100 | 2.061095 | 2.061095 | 2.047195 | 2.00328 | 2.009437 | 1.856676 | 1.946401 | 1.666991 |
| 150 | 2.113279 | 2.113279 | 2.103128 | 2.055935 | 2.069132 | 1.904738 | 2.019616 | 1.714679 |
| 200 | 2.145675 | 2.145675 | 2.135329 | 2.086176 | 2.108225 | 1.935697 | 2.065475 | 1.743676 |
| 1 | 25 | 0.840359 | 0.840359 | 0.836764 | 0.832992 | 0.813873 | 0.799961 | 0.782325 | 0.754631 |
| 75 | 0.949756 | 0.949756 | 0.943105 | 0.9381 | 0.928098 | 0.909293 | 0.908331 | 0.869663 |
| 100 | 0.96847 | 0.96847 | 0.96384 | 0.958557 | 0.951296 | 0.931354 | 0.930433 | 0.889525 |
| 150 | 0.995269 | 0.995269 | 0.990238 | 0.984576 | 0.981439 | 0.959854 | 0.962643 | 0.918236 |
| 200 | 1.010784 | 1.010784 | 1.006078 | 1.000177 | 0.995914 | 0.973523 | 0.983141 | 0.936311 |

Table 19. Average values of generalized lower confidence limits with and without considering GME for different  under 95% confidence level,  and 

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *μ* | *n* | =0 | | =0.1 | | =0.2 | | =0.3 | |
|  |  |  |  |  |  |  |  |
| -1 | 25 | 0.579011 | 0.579011 | 0.575744 | 0.574334 | 0.567826 | 0.562451 | 0.558762 | 0.547288 |
| 75 | 0.696753 | 0.696753 | 0.696142 | 0.694014 | 0.690836 | 0.682579 | 0.682126 | 0.664557 |
| 100 | 0.718209 | 0.718209 | 0.719642 | 0.717341 | 0.712541 | 0.703711 | 0.707749 | 0.688628 |
| 150 | 0.748799 | 0.748799 | 0.746289 | 0.743779 | 0.741473 | 0.731751 | 0.73592 | 0.714965 |
| 200 | 0.76437 | 0.76437 | 0.764566 | 0.761902 | 0.761222 | 0.750853 | 0.756244 | 0.733859 |
| -0.5 | 25 | 0.911815 | 0.911815 | 0.90467 | 0.900344 | 0.903658 | 0.886599 | 0.884037 | 0.849066 |
| 75 | 1.075631 | 1.075631 | 1.074065 | 1.06746 | 1.065945 | 1.040766 | 1.05531 | 1.002426 |
| 100 | 1.106427 | 1.106427 | 1.102226 | 1.09516 | 1.099606 | 1.072302 | 1.086233 | 1.029462 |
| 150 | 1.139872 | 1.139872 | 1.135649 | 1.127999 | 1.132036 | 1.102594 | 1.122257 | 1.060534 |
| 200 | 1.156897 | 1.156897 | 1.155654 | 1.147639 | 1.151553 | 1.120756 | 1.144142 | 1.079245 |
| 0 | 25 | 1.021111 | 1.021111 | 1.022035 | 1.016239 | 1.007892 | 0.986143 | 0.995877 | 0.950044 |
| 75 | 1.159138 | 1.159138 | 1.157978 | 1.150094 | 1.15064 | 1.120552 | 1.139698 | 1.076717 |
| 100 | 1.18389 | 1.18389 | 1.180497 | 1.172201 | 1.174911 | 1.143165 | 1.165663 | 1.099055 |
| 150 | 1.208738 | 1.208738 | 1.208154 | 1.199323 | 1.20264 | 1.168873 | 1.195082 | 1.124077 |
| 200 | 1.225659 | 1.225659 | 1.224967 | 1.215795 | 1.218258 | 1.183312 | 1.21299 | 1.13917 |
| 0.5 | 25 | 0.916303 | 0.916303 | 0.911291 | 0.906851 | 0.899338 | 0.882631 | 0.878047 | 0.84386 |
| 75 | 1.07702 | 1.07702 | 1.07112 | 1.064564 | 1.065558 | 1.040389 | 1.052354 | 0.99987 |
| 100 | 1.10605 | 1.10605 | 1.103792 | 1.096698 | 1.095578 | 1.068543 | 1.087052 | 1.030114 |
| 150 | 1.138257 | 1.138257 | 1.137716 | 1.130028 | 1.131885 | 1.102451 | 1.123926 | 1.06194 |
| 200 | 1.15744 | 1.15744 | 1.155473 | 1.147454 | 1.151189 | 1.120423 | 1.143328 | 1.078586 |
| 1 | 25 | 0.581057 | 0.581057 | 0.579672 | 0.578231 | 0.57239 | 0.566913 | 0.559233 | 0.547681 |
| 75 | 0.694355 | 0.694355 | 0.694669 | 0.69255 | 0.690751 | 0.682515 | 0.682934 | 0.665321 |
| 100 | 0.71889 | 0.71889 | 0.71809 | 0.7158 | 0.714122 | 0.705234 | 0.709277 | 0.69005 |
| 150 | 0.745957 | 0.745957 | 0.747091 | 0.744578 | 0.741564 | 0.731843 | 0.738074 | 0.716963 |
| 200 | 0.765009 | 0.765009 | 0.762576 | 0.75993 | 0.761786 | 0.751396 | 0.756031 | 0.733674 |

Table 20. Average values of generalized lower confidence limits with and without considering GME for different  under 95% confidence level,  and 

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *μ* | *n* | =0 | | =0.1 | | =0.2 | | =0.3 | |
|  |  |  |  |  |  |  |  |
| -1 | 25 | 1.347819 | 1.347819 | 1.321737 | 1.292687 | 1.248496 | 1.156623 | 1.147525 | 0.998051 |
| 75 | 1.500738 | 1.500738 | 1.479074 | 1.440614 | 1.437769 | 1.309244 | 1.365779 | 1.145287 |
| 100 | 1.531594 | 1.531594 | 1.515346 | 1.474292 | 1.469356 | 1.333771 | 1.411197 | 1.173318 |
| 150 | 1.56317 | 1.56317 | 1.549773 | 1.506242 | 1.514916 | 1.368654 | 1.465289 | 1.205949 |
| 200 | 1.58289 | 1.58289 | 1.572405 | 1.527146 | 1.539856 | 1.387588 | 1.495474 | 1.223817 |
| -0.5 | 25 | 1.974027 | 1.974027 | 1.921448 | 1.839568 | 1.791923 | 1.556701 | 1.6258 | 1.277505 |
| 75 | 2.224816 | 2.224816 | 2.184626 | 2.071944 | 2.080465 | 1.753149 | 1.95038 | 1.44735 |
| 100 | 2.263282 | 2.263282 | 2.230076 | 2.11122 | 2.139873 | 1.790263 | 2.010495 | 1.475058 |
| 150 | 2.315744 | 2.315744 | 2.285067 | 2.158429 | 2.207413 | 1.831578 | 2.092206 | 1.510226 |
| 200 | 2.346845 | 2.346845 | 2.318429 | 2.186844 | 2.249476 | 1.856448 | 2.147997 | 1.532549 |
| 0 | 25 | 2.07105 | 2.07105 | 2.014729 | 1.921816 | 1.85319 | 1.599009 | 1.695927 | 1.303123 |
| 75 | 2.32015 | 2.32015 | 2.280115 | 2.154582 | 2.182177 | 1.816711 | 2.03271 | 1.484532 |
| 100 | 2.368184 | 2.368184 | 2.32855 | 2.196095 | 2.235987 | 1.850119 | 2.102318 | 1.515024 |
| 150 | 2.420141 | 2.420141 | 2.39377 | 2.251357 | 2.30163 | 1.889114 | 2.18938 | 1.551305 |
| 200 | 2.454815 | 2.454815 | 2.427564 | 2.279822 | 2.351731 | 1.917829 | 2.240694 | 1.571248 |
| 0.5 | 25 | 1.169341 | 1.169341 | 1.125439 | 1.105555 | 1.044928 | 0.982132 | 0.938701 | 0.838541 |
| 75 | 1.380465 | 1.380465 | 1.352342 | 1.322319 | 1.295614 | 1.196882 | 1.212831 | 1.044736 |
| 100 | 1.427519 | 1.427519 | 1.399737 | 1.367136 | 1.343576 | 1.236362 | 1.277183 | 1.089523 |
| 150 | 1.479211 | 1.479211 | 1.461243 | 1.424845 | 1.411059 | 1.290951 | 1.342717 | 1.134271 |
| 200 | 1.515273 | 1.515273 | 1.494194 | 1.455708 | 1.44876 | 1.320904 | 1.394188 | 1.16709 |
| 1 | 25 | 0.398868 | 0.398868 | 0.391352 | 0.39045 | 0.372305 | 0.369065 | 0.346746 | 0.340542 |
| 75 | 0.451491 | 0.451491 | 0.445311 | 0.444107 | 0.431749 | 0.42732 | 0.412774 | 0.40397 |
| 100 | 0.461439 | 0.461439 | 0.456952 | 0.455668 | 0.443854 | 0.439136 | 0.427247 | 0.417742 |
| 150 | 0.476653 | 0.476653 | 0.471752 | 0.47036 | 0.459186 | 0.454054 | 0.445056 | 0.434565 |
| 200 | 0.484242 | 0.484242 | 0.480896 | 0.479434 | 0.469283 | 0.463866 | 0.45539 | 0.444328 |

Table 21. Average values of generalized lower confidence limits with and without considering GME for different  under 95% confidence level,  and 

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *μ* | *n* | =0 | | =0.1 | | =0.2 | | =0.3 | |
|  |  |  |  |  |  |  |  |
| -1 | 25 | 0.819011 | 0.819011 | 0.814664 | 0.807423 | 0.800633 | 0.773944 | 0.77466 | 0.722254 |
| 75 | 0.953506 | 0.953506 | 0.94979 | 0.939208 | 0.936393 | 0.897617 | 0.917034 | 0.840024 |
| 100 | 0.978648 | 0.978648 | 0.975442 | 0.964111 | 0.962993 | 0.921357 | 0.944784 | 0.862209 |
| 150 | 1.005975 | 1.005975 | 1.001419 | 0.989283 | 0.992194 | 0.947248 | 0.977942 | 0.888007 |
| 200 | 1.02162 | 1.02162 | 1.020149 | 1.007401 | 1.011866 | 0.964604 | 0.998773 | 0.904018 |
| -0.5 | 25 | 0.999284 | 0.999284 | 0.989532 | 0.977743 | 0.970038 | 0.927255 | 0.934529 | 0.853182 |
| 75 | 1.135738 | 1.135738 | 1.127007 | 1.110595 | 1.114331 | 1.054436 | 1.091745 | 0.975239 |
| 100 | 1.157509 | 1.157509 | 1.154077 | 1.13657 | 1.138263 | 1.075114 | 1.121722 | 0.997187 |
| 150 | 1.185619 | 1.185619 | 1.181933 | 1.16327 | 1.171154 | 1.103086 | 1.152934 | 1.019959 |
| 200 | 1.202021 | 1.202021 | 1.199673 | 1.180228 | 1.186353 | 1.11598 | 1.171894 | 1.033449 |
| 0 | 25 | 0.998843 | 0.998843 | 0.990855 | 0.978976 | 0.963503 | 0.92139 | 0.926896 | 0.846907 |
| 75 | 1.15296 | 1.15296 | 1.15293 | 1.135638 | 1.131612 | 1.069961 | 1.109634 | 0.989491 |
| 100 | 1.181956 | 1.181956 | 1.176355 | 1.158123 | 1.162824 | 1.096705 | 1.138385 | 1.010654 |
| 150 | 1.211553 | 1.211553 | 1.20717 | 1.187622 | 1.192695 | 1.122139 | 1.176007 | 1.037682 |
| 200 | 1.227229 | 1.227229 | 1.2241 | 1.203793 | 1.211175 | 1.137686 | 1.195566 | 1.051489 |
| 0.5 | 25 | 0.676744 | 0.676744 | 0.671369 | 0.666632 | 0.650646 | 0.633721 | 0.611817 | 0.580171 |
| 75 | 0.862808 | 0.862808 | 0.858797 | 0.850711 | 0.842438 | 0.812883 | 0.816128 | 0.758428 |
| 100 | 0.897644 | 0.897644 | 0.895474 | 0.886545 | 0.881613 | 0.848756 | 0.858386 | 0.79362 |
| 150 | 0.943356 | 0.943356 | 0.938991 | 0.928969 | 0.930123 | 0.892769 | 0.911323 | 0.836962 |
| 200 | 0.972719 | 0.972719 | 0.970407 | 0.959509 | 0.958254 | 0.918155 | 0.940864 | 0.860846 |
| 1 | 25 | 0.30265 | 0.30265 | 0.302179 | 0.301646 | 0.296561 | 0.294485 | 0.282696 | 0.278461 |
| 75 | 0.371816 | 0.371816 | 0.368799 | 0.368044 | 0.363737 | 0.360852 | 0.354905 | 0.3488 |
| 100 | 0.385287 | 0.385287 | 0.382961 | 0.382143 | 0.378064 | 0.374929 | 0.369245 | 0.362634 |
| 150 | 0.403007 | 0.403007 | 0.403629 | 0.402706 | 0.396763 | 0.393278 | 0.389583 | 0.382175 |
| 200 | 0.416922 | 0.416922 | 0.415131 | 0.414147 | 0.409285 | 0.40553 | 0.403548 | 0.39551 |

Table 22. Average values of generalized lower confidence limits with and without considering GME for different  under 95% confidence level,  and 

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *μ* | *n* | =0 | | =0.1 | | =0.2 | | =0.3 | |
|  |  |  |  |  |  |  |  |
| -1 | 25 | 0.2256 | 0.2256 | 0.2203 | 0.2200 | 0.2027 | 0.2017 | 0.1835 | 0.1816 |
| 75 | 0.2578 | 0.2578 | 0.2520 | 0.2516 | 0.2394 | 0.2381 | 0.2241 | 0.2214 |
| 100 | 0.2634 | 0.2634 | 0.2577 | 0.2573 | 0.2459 | 0.2445 | 0.2305 | 0.2277 |
| 150 | 0.2707 | 0.2707 | 0.2670 | 0.2666 | 0.2561 | 0.2545 | 0.2438 | 0.2406 |
| 200 | 0.2757 | 0.2757 | 0.2720 | 0.2715 | 0.2625 | 0.2608 | 0.2511 | 0.2477 |
| -0.5 | 25 | 0.7320 | 0.7320 | 0.6976 | 0.6877 | 0.6221 | 0.5927 | 0.5318 | 0.4870 |
| 75 | 0.8812 | 0.8812 | 0.8529 | 0.8386 | 0.7863 | 0.7418 | 0.7101 | 0.6379 |
| 100 | 0.9116 | 0.9116 | 0.8838 | 0.8684 | 0.8227 | 0.7743 | 0.7555 | 0.6737 |
| 150 | 0.9515 | 0.9515 | 0.9278 | 0.9106 | 0.8689 | 0.8146 | 0.8074 | 0.7144 |
| 200 | 0.9784 | 0.9784 | 0.9574 | 0.9388 | 0.9044 | 0.8449 | 0.8449 | 0.7424 |
| 0 | 25 | 2.0316 | 2.0316 | 1.9192 | 1.7798 | 1.6604 | 1.3477 | 1.4374 | 1.0079 |
| 75 | 2.3218 | 2.3218 | 2.2477 | 2.0455 | 2.0614 | 1.5772 | 1.8616 | 1.2169 |
| 100 | 2.3688 | 2.3688 | 2.3005 | 2.0863 | 2.1386 | 1.6148 | 1.9334 | 1.2462 |
| 150 | 2.4225 | 2.4225 | 2.3702 | 2.1391 | 2.2257 | 1.6551 | 2.0483 | 1.2812 |
| 200 | 2.4517 | 2.4517 | 2.4035 | 2.1642 | 2.2763 | 1.6774 | 2.1049 | 1.2976 |
| 0.5 | 25 | 2.0166 | 2.0166 | 1.9225 | 1.7833 | 1.7356 | 1.3931 | 1.5353 | 1.0817 |
| 75 | 2.2606 | 2.2606 | 2.1920 | 2.0017 | 2.0300 | 1.5606 | 1.8412 | 1.2127 |
| 100 | 2.3058 | 2.3058 | 2.2427 | 2.0413 | 2.0988 | 1.5942 | 1.9167 | 1.2388 |
| 150 | 2.3544 | 2.3544 | 2.3066 | 2.0902 | 2.1695 | 1.6280 | 2.0055 | 1.2670 |
| 200 | 2.3867 | 2.3867 | 2.3383 | 2.1143 | 2.2202 | 1.6509 | 2.0608 | 1.2836 |
| 1 | 25 | 1.5484 | 1.5484 | 1.4947 | 1.4251 | 1.3657 | 1.1783 | 1.2009 | 0.9473 |
| 75 | 1.7213 | 1.7213 | 1.6811 | 1.5878 | 1.5891 | 1.3258 | 1.4649 | 1.0788 |
| 100 | 1.7524 | 1.7524 | 1.7222 | 1.6229 | 1.6292 | 1.3505 | 1.5276 | 1.1058 |
| 150 | 1.7919 | 1.7919 | 1.7641 | 1.6583 | 1.6862 | 1.3843 | 1.5931 | 1.1324 |
| 200 | 1.8153 | 1.8153 | 1.7884 | 1.6787 | 1.7227 | 1.4053 | 1.6342 | 1.1490 |

Table 23. Average values of generalized lower confidence limits with and without considering GME for different  under 95% confidence level,  and 

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *μ* | *n* | =0 | | =0.1 | | =0.2 | | =0.3 | |
|  |  |  |  |  |  |  |  |
| -1 | 25 | 0.8957 | 0.8957 | 0.8863 | 0.8708 | 0.8537 | 0.8012 | 0.9616 | 0.8239 |
| 75 | 1.0262 | 1.0262 | 1.0189 | 0.9969 | 0.9972 | 0.9212 | 0.9908 | 0.8432 |
| 100 | 1.0496 | 1.0496 | 1.0452 | 1.0216 | 1.0222 | 0.9413 | 1.0277 | 0.8668 |
| 150 | 1.0755 | 1.0755 | 1.0729 | 1.0476 | 1.0543 | 0.9667 | 1.0492 | 0.8803 |
| 200 | 1.0931 | 1.0931 | 1.0880 | 1.0617 | 1.0744 | 0.9826 | 0.9129 | 0.7886 |
| -0.5 | 25 | 1.0168 | 1.0168 | 1.0029 | 0.9815 | 0.9700 | 0.8978 | 1.0721 | 0.8957 |
| 75 | 1.1424 | 1.1424 | 1.1365 | 1.1072 | 1.1104 | 1.0115 | 1.1042 | 0.9155 |
| 100 | 1.1685 | 1.1685 | 1.1584 | 1.1277 | 1.1326 | 1.0289 | 1.1353 | 0.9342 |
| 150 | 1.1936 | 1.1936 | 1.1890 | 1.1561 | 1.1680 | 1.0559 | 1.1592 | 0.9480 |
| 200 | 1.2128 | 1.2128 | 1.2057 | 1.1715 | 1.1889 | 1.0716 | 0.8011 | 0.7041 |
| 0 | 25 | 0.9404 | 0.9404 | 0.9271 | 0.9092 | 0.8729 | 0.8148 | 1.0548 | 0.8852 |
| 75 | 1.1434 | 1.1434 | 1.1344 | 1.1055 | 1.1048 | 1.0075 | 1.0954 | 0.9109 |
| 100 | 1.1747 | 1.1747 | 1.1655 | 1.1345 | 1.1399 | 1.0350 | 1.1436 | 0.9401 |
| 150 | 1.2056 | 1.2056 | 1.2009 | 1.1673 | 1.1784 | 1.0644 | 1.1674 | 0.9540 |
| 200 | 1.2242 | 1.2242 | 1.2188 | 1.1839 | 1.1984 | 1.0795 | 0.3931 | 0.3727 |
| 0.5 | 25 | 0.4715 | 0.4715 | 0.4608 | 0.4573 | 0.4305 | 0.4188 | 0.5558 | 0.5177 |
| 75 | 0.6175 | 0.6175 | 0.6064 | 0.6007 | 0.5822 | 0.5623 | 0.5906 | 0.5478 |
| 100 | 0.6483 | 0.6483 | 0.6428 | 0.6364 | 0.6206 | 0.5980 | 0.6402 | 0.5897 |
| 150 | 0.6911 | 0.6911 | 0.6847 | 0.6774 | 0.6653 | 0.6391 | 0.6726 | 0.6168 |
| 200 | 0.7197 | 0.7197 | 0.7106 | 0.7026 | 0.6928 | 0.6642 | 0.1574 | 0.1558 |
| 1 | 25 | 0.1774 | 0.1774 | 0.1728 | 0.1726 | 0.1678 | 0.1671 | 0.1999 | 0.1978 |
| 75 | 0.2172 | 0.2172 | 0.2153 | 0.2151 | 0.2073 | 0.2063 | 0.2100 | 0.2077 |
| 100 | 0.2251 | 0.2251 | 0.2236 | 0.2233 | 0.2174 | 0.2163 | 0.2236 | 0.2210 |
| 150 | 0.2375 | 0.2375 | 0.2346 | 0.2343 | 0.2295 | 0.2283 | 0.2331 | 0.2302 |
| 200 | 0.2449 | 0.2449 | 0.2438 | 0.2435 | 0.2381 | 0.2367 | 0.9616 | 0.8239 |