#### Таблицы распределений

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#### Таблица для нормального распределения

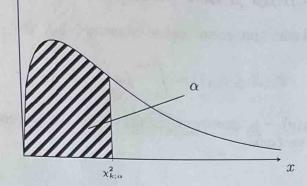
В таблице приведены значения вероятностей

$$\mathbb{P}(\{X \le x\}) = \int_{-\infty}^{x_{\alpha}} \frac{1}{\sqrt{2\pi}} e^{-\frac{y^2}{2}} dy = \alpha.$$

Целые части и десятые доли числа x указаны в левом столбце; сотые доли числа x — в верхней строке.

0.0									100000		
0.1   0.5398   0.5438   0.5478   0.5517   0.5557   0.5556   0.5636   0.5675   0.5714   0.57     0.2   0.5793   0.5832   0.5871   0.5910   0.5948   0.5987   0.6026   0.6064   0.6103   0.61     0.3   0.6179   0.6217   0.6255   0.6293   0.6331   0.6368   0.6406   0.6443   0.6480   0.65     0.4   0.6554   0.6591   0.6628   0.6664   0.67   0.6736   0.6772   0.6808   0.6844   0.68     0.5   0.6915   0.6950   0.6985   0.7019   0.7054   0.7888   0.7123   0.7157   0.7190   0.722     0.7   0.7580   0.7611   0.7642   0.7637   0.7794   0.7734   0.7764   0.7794   0.7823   0.7817   0.75     0.7   0.7820   0.8186   0.8212   0.8238   0.8233   0.8051   0.8078   0.8166   0.813     0.9   0.8159   0.8186   0.8212 </th <th>x</th> <th>0.00</th> <th>0.01</th> <th>0.02</th> <th>0.03</th> <th>0.04</th> <th>0.05</th> <th>0.06</th> <th>0.07</th> <th>0.08</th> <th>0.09</th>	x	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.2   0.5793   0.5832   0.5871   0.5910   0.5948   0.5987   0.6026   0.6064   0.6103   0.61     0.3   0.6179   0.6217   0.6255   0.6293   0.6331   0.6368   0.6406   0.6443   0.6480   0.65     0.4   0.6554   0.6591   0.6628   0.6664   0.67   0.6736   0.6772   0.6808   0.6844   0.68     0.5   0.6915   0.6950   0.6985   0.7019   0.7044   0.7088   0.7123   0.7157   0.7190   0.722     0.6   0.7257   0.7211   0.7324   0.7357   0.7389   0.7422   0.7444   0.7744   0.7794   0.7784   0.7794   0.7784   0.7794   0.7794   0.7784   0.7794   0.7794   0.7784   0.7794   0.7794   0.7784   0.7794   0.7784   0.7794   0.7784   0.7794   0.7784   0.7794   0.7784   0.7794   0.7784   0.7784   0.7784   0.7784   0.7784   0.7784   0.7824   0.8	0.0	0.5000	0.5040	0.5080	0.5120	0.5160	0.5199	0.5239	0.5279	0.5319	0.5359
0.3   0.6179   0.6217   0.6255   0.6293   0.6331   0.6368   0.6406   0.6443   0.6480   0.65     0.4   0.6554   0.6591   0.6628   0.6664   0.67   0.6736   0.6772   0.6808   0.6844   0.68     0.5   0.6915   0.6950   0.6985   0.7019   0.7054   0.7088   0.7123   0.7157   0.7190   0.72     0.6   0.7257   0.7291   0.7324   0.7357   0.7389   0.7422   0.7454   0.7486   0.7517   0.75     0.7   0.7580   0.7611   0.7642   0.7673   0.7704   0.7734   0.7764   0.7794   0.7764   0.7794   0.7754   0.7764   0.7794   0.7764   0.7764   0.7764   0.7764   0.77744   0.77744   0.7764   0.7793   0.8816   0.8212   0.8838   0.8261   0.8838   0.8212   0.8838   0.8261   0.8831   0.8031   0.8034   0.8816   0.8212   0.8238   0.8508   0.8531   0.	0.1	0.5398	0.5438	0.5478	0.5517	0.5557	0.5596	0.5636	0.5675	0.5714	0.5753
0.3   0.6179   0.6217   0.6255   0.6293   0.6331   0.6368   0.6406   0.6443   0.6480   0.65     0.4   0.6554   0.6591   0.6628   0.6664   0.67   0.6736   0.6772   0.6808   0.6844   0.68     0.5   0.6915   0.6985   0.7019   0.7054   0.7088   0.7123   0.7157   0.7190   0.722     0.6   0.7257   0.7291   0.7324   0.7357   0.7389   0.7422   0.7454   0.7486   0.7517   0.7510   0.750   0.7580   0.7611   0.7642   0.7673   0.7704   0.7734   0.7764   0.7794   0.7794   0.7784   0.7794   0.7783   0.788     0.8   0.7881   0.7910   0.7905   0.8023   0.8051   0.8078   0.8166   0.816   0.816   0.8212   0.8238   0.8264   0.8289   0.8315   0.8340   0.8365   0.83     1.0   0.8413   0.8483   0.8461   0.8485   0.8508   0.8531	0.2	0.5793	0.5832	0.5871	0.5910			0.6026	0.6064	0.6103	0.6141
0.4   0.6554   0.6591   0.6628   0.6664   0.67   0.6736   0.6772   0.6808   0.6844   0.68     0.5   0.6915   0.6950   0.6985   0.7019   0.7054   0.7088   0.7123   0.7157   0.7190   0.722     0.6   0.7257   0.7291   0.7324   0.7357   0.7389   0.7422   0.7454   0.7486   0.7517   0.75     0.7   0.7580   0.7611   0.7642   0.7673   0.7704   0.7734   0.7764   0.7794   0.7784   0.7881   0.7910   0.7939   0.7967   0.7995   0.8023   0.8051   0.8160   0.811     0.9   0.8159   0.8186   0.8212   0.8238   0.8264   0.8289   0.8315   0.8340   0.8365   0.836     1.0   0.8413   0.8486   0.8212   0.8238   0.8289   0.8315   0.8370   0.8810   0.8810     1.2   0.8849   0.8869   0.8888   0.8907   0.8925   0.8944   0.8962	0.3	0.6179	0.6217							0.6480	0.6517
0.5   0.6915   0.6950   0.6985   0.7019   0.7054   0.7088   0.7123   0.7157   0.7190   0.725     0.6   0.7257   0.7291   0.7324   0.7357   0.7389   0.7422   0.7454   0.7486   0.7517   0.756     0.7   0.7580   0.7611   0.7642   0.7673   0.7704   0.7734   0.7764   0.7794   0.7794   0.7794   0.7734   0.7764   0.7794   0.7794   0.7734   0.7764   0.7794   0.7734   0.7764   0.7794   0.7734   0.7764   0.7794   0.7734   0.7764   0.7794   0.7734   0.7764   0.7734   0.7764   0.7734   0.7764   0.7734   0.7764   0.7734   0.7764   0.7724   0.7734   0.7764   0.7734   0.7764   0.7734   0.7764   0.7734   0.7764   0.7744   0.7764   0.8789   0.8810   0.881   0.8810   0.881   0.8810   0.882   0.8829   0.8815   0.8841   0.8842   0.8860   0.8888   0.88907	0.4	0.6554	0.6591	0.6628						0.6844	0.6879
0.6   0.7257   0.7291   0.7324   0.7357   0.7389   0.7422   0.7454   0.7486   0.7517   0.75     0.7   0.7580   0.7611   0.7642   0.7673   0.7704   0.7734   0.7764   0.7794   0.7823   0.783     0.8   0.7881   0.7910   0.7939   0.7967   0.7995   0.8023   0.8051   0.8078   0.8106   0.813     0.9   0.8159   0.8186   0.8212   0.8238   0.8264   0.8289   0.8315   0.8340   0.8365   0.831     1.1   0.8643   0.8665   0.8686   0.8708   0.8729   0.8749   0.8770   0.8790   0.8810   0.881     1.2   0.8849   0.8869   0.8888   0.8907   0.8925   0.8944   0.8962   0.8980   0.8997   0.901     1.3   0.9032   0.9049   0.9066   0.9082   0.9999   0.9115   0.9131   0.9147   0.9162   0.917     1.4   0.9192   0.9207   0.	0.5	0.6915	0.6950	0.6985							0.7224
0.7   0.7580   0.7611   0.7642   0.7673   0.7704   0.7734   0.7764   0.7794   0.7823   0.788     0.8   0.7881   0.7910   0.7939   0.7967   0.7995   0.8023   0.8051   0.8078   0.8106   0.813     0.9   0.8159   0.8186   0.8212   0.8238   0.8264   0.8289   0.8315   0.8340   0.8365   0.838     1.0   0.8413   0.8438   0.8461   0.8485   0.8508   0.8531   0.8554   0.8577   0.8599   0.862     1.1   0.8643   0.8669   0.8888   0.8907   0.8925   0.8944   0.8962   0.8980   0.8997   0.901     1.3   0.9032   0.9049   0.9066   0.9082   0.9909   0.9115   0.9131   0.9147   0.9162   0.917     1.4   0.9192   0.9207   0.9222   0.9236   0.9251   0.9265   0.9279   0.9292   0.9306   0.931     1.5   0.9332   0.9344   0	0.6	0.7257	0.7291	0.7324							0.7549
0.8   0.7881   0.7910   0.7939   0.7967   0.7995   0.8023   0.8051   0.8078   0.8106   0.815     0.9   0.8159   0.8186   0.8212   0.8238   0.8264   0.8289   0.8315   0.8340   0.8365   0.836     1.0   0.8413   0.8438   0.8461   0.8485   0.8508   0.8531   0.8554   0.8577   0.8599   0.862     1.1   0.8643   0.8665   0.8686   0.8708   0.8729   0.8749   0.8770   0.8790   0.8810   0.885     1.2   0.8849   0.8869   0.8888   0.8907   0.8925   0.8944   0.8962   0.8980   0.8997   0.901     1.3   0.9032   0.9049   0.9066   0.9082   0.9099   0.9115   0.9131   0.9147   0.9162   0.917     1.4   0.9192   0.9207   0.9222   0.9236   0.9251   0.9265   0.9279   0.9292   0.9306   0.931     1.5   0.9332   0.9345   0	0.7	0.7580	0.7611								0.7852
0.9   0.8159   0.8186   0.8212   0.8238   0.8264   0.8289   0.8315   0.8340   0.8365   0.836     1.0   0.8413   0.8438   0.8461   0.8485   0.8508   0.8531   0.8554   0.8577   0.8599   0.862     1.1   0.8643   0.8665   0.8686   0.8708   0.8729   0.8749   0.8770   0.8790   0.8810   0.883     1.2   0.8849   0.8869   0.8888   0.8907   0.8925   0.8944   0.8962   0.8980   0.8997   0.901     1.3   0.9032   0.9049   0.9066   0.9082   0.9099   0.9115   0.9131   0.9147   0.9162   0.917     1.4   0.9192   0.9207   0.9222   0.9236   0.9251   0.9265   0.9279   0.9292   0.9306   0.931     1.5   0.9332   0.9463   0.9474   0.9484   0.9495   0.9505   0.9515   0.9525   0.9535   0.954     1.7   0.9544   0.9564   0	0.8	0.7881	0.7910	0.7939							0.8133
1.0   0.8413   0.8438   0.8461   0.8485   0.8508   0.8531   0.8554   0.8577   0.8599   0.862     1.1   0.8643   0.8665   0.8686   0.8708   0.8729   0.8749   0.8770   0.8790   0.8810   0.883     1.2   0.8849   0.8869   0.8888   0.8907   0.8925   0.8944   0.8962   0.8980   0.8997   0.901     1.3   0.9032   0.9049   0.9066   0.9082   0.9099   0.9115   0.9131   0.9147   0.9162   0.917     1.4   0.9192   0.9207   0.9222   0.9236   0.9251   0.9265   0.9279   0.9292   0.9306   0.931     1.5   0.9332   0.9345   0.9357   0.9370   0.9382   0.9394   0.9406   0.9418   0.9429   0.944     1.6   0.9452   0.9463   0.9474   0.9484   0.9495   0.9505   0.9515   0.9525   0.9535   0.954     1.7   0.9544   0.9564   0	0.9	0.8159	0.8186								0.8389
1.1   0.8643   0.8665   0.8686   0.8708   0.8729   0.8749   0.8770   0.8790   0.8810   0.885     1.2   0.8849   0.8869   0.8888   0.8907   0.8925   0.8944   0.8962   0.8980   0.8997   0.901     1.3   0.9032   0.9049   0.9066   0.9082   0.9099   0.9115   0.9131   0.9147   0.9162   0.917     1.4   0.9192   0.9207   0.9222   0.9236   0.9251   0.9265   0.9279   0.9292   0.9306   0.931     1.5   0.9332   0.9345   0.9357   0.9370   0.9382   0.9394   0.9406   0.9418   0.9429   0.944     1.6   0.9452   0.9463   0.9474   0.9484   0.9495   0.9505   0.9515   0.9525   0.9535   0.9541     1.7   0.9554   0.9564   0.9573   0.9582   0.9591   0.9599   0.9608   0.9616   0.9625   0.963     1.8   0.9641   0.9649	1.0	0.8413	0.8438	0.8461							0.8621
1.2   0.8849   0.8869   0.8888   0.8907   0.8925   0.8944   0.8962   0.8980   0.8997   0.901     1.3   0.9032   0.9049   0.9066   0.9082   0.9099   0.9115   0.9131   0.9147   0.9162   0.917     1.4   0.9192   0.9207   0.9222   0.9236   0.9251   0.9265   0.9279   0.9292   0.9306   0.931     1.5   0.9332   0.9345   0.9357   0.9370   0.9382   0.9394   0.9406   0.9418   0.9429   0.944     1.6   0.9452   0.9463   0.9474   0.9484   0.9495   0.9505   0.9515   0.9525   0.9535   0.9541     1.7   0.9554   0.9564   0.9573   0.9582   0.9591   0.9599   0.9608   0.9616   0.9625   0.963     1.8   0.9641   0.9649   0.9656   0.9664   0.9671   0.9678   0.9686   0.9693   0.9699   0.970     1.9   0.9772   0.9778	1.1	0.8643	0.8665								0.8830
1.3   0.9032   0.9049   0.9066   0.9082   0.9099   0.9115   0.9131   0.9147   0.9162   0.917     1.4   0.9192   0.9207   0.9222   0.9236   0.9251   0.9265   0.9279   0.9292   0.9306   0.931     1.5   0.9332   0.9345   0.9357   0.9370   0.9382   0.9394   0.9406   0.9418   0.9429   0.9444     1.6   0.9452   0.9463   0.9474   0.9484   0.9495   0.9505   0.9515   0.9525   0.9535   0.954     1.7   0.9554   0.9564   0.9573   0.9582   0.9591   0.9599   0.9608   0.9616   0.9625   0.963     1.8   0.9641   0.9649   0.9656   0.9664   0.9671   0.9678   0.9686   0.9693   0.9699   0.976     2.0   0.9772   0.9778   0.9783   0.9788   0.9793   0.9798   0.9803   0.9808   0.9812   0.981     2.1   0.9821   0.9868	1.2	0.8849	0.8869	0.8888							0.9015
1.4 0.9192 0.9207 0.9222 0.9236 0.9251 0.9265 0.9279 0.9292 0.9306 0.931   1.5 0.9332 0.9345 0.9357 0.9370 0.9382 0.9394 0.9406 0.9418 0.9429 0.944   1.6 0.9452 0.9463 0.9474 0.9484 0.9495 0.9505 0.9515 0.9525 0.9535 0.954   1.7 0.9554 0.9564 0.9573 0.9582 0.9591 0.9599 0.9608 0.9616 0.9625 0.963   1.8 0.9641 0.9649 0.9656 0.9664 0.9671 0.9678 0.9686 0.9693 0.9699 0.970   1.9 0.9713 0.9719 0.9726 0.9732 0.9738 0.9744 0.9750 0.9756 0.9761 0.976   2.0 0.9772 0.9778 0.9783 0.9788 0.9793 0.9798 0.9803 0.9808 0.9812 0.981   2.1 0.9821 0.9826 0.9830 0.9834 0.9838 0.9842 0.9846 0.9850 0.9854 <td< td=""><td>1.3</td><td>0.9032</td><td>0.9049</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.9177</td></td<>	1.3	0.9032	0.9049								0.9177
1.5   0.9332   0.9345   0.9357   0.9370   0.9382   0.9394   0.9406   0.9418   0.9429   0.9441     1.6   0.9452   0.9463   0.9474   0.9484   0.9495   0.9505   0.9515   0.9525   0.9535   0.954     1.7   0.9554   0.9564   0.9573   0.9582   0.9591   0.9599   0.9608   0.9616   0.9625   0.963     1.8   0.9641   0.9649   0.9656   0.9664   0.9671   0.9678   0.9686   0.9699   0.9761   0.976     1.9   0.9713   0.9719   0.9726   0.9732   0.9738   0.9744   0.9750   0.9756   0.9761   0.976     2.0   0.9772   0.9778   0.9783   0.9788   0.9793   0.9798   0.9803   0.9808   0.9812   0.981     2.1   0.9821   0.9826   0.9830   0.9834   0.9838   0.9842   0.9846   0.9850   0.9854   0.985     2.2   0.9861   0.9864	1.4	0.9192	0.9207	0.9222	0.9236						0.9319
1.6 0.9452 0.9463 0.9474 0.9484 0.9495 0.9505 0.9515 0.9525 0.9535 0.954   1.7 0.9554 0.9564 0.9573 0.9582 0.9591 0.9599 0.9608 0.9616 0.9625 0.963   1.8 0.9641 0.9649 0.9656 0.9664 0.9671 0.9678 0.9686 0.9693 0.9699 0.9761   2.0 0.9713 0.9719 0.9726 0.9732 0.9738 0.9744 0.9750 0.9756 0.9761 0.976   2.0 0.9772 0.9778 0.9783 0.9788 0.9793 0.9798 0.9803 0.9808 0.9812 0.981   2.1 0.9821 0.9826 0.9830 0.9834 0.9838 0.9842 0.9846 0.9850 0.9854 0.985   2.2 0.9861 0.9864 0.9868 0.9871 0.9875 0.9878 0.9881 0.9884 0.9887 0.989   2.3 0.9918 0.9920 0.9922 0.9925 0.9927 0.9929 0.9931 0.9932 0.9934 <t< td=""><td>1.5</td><td>0.9332</td><td>0.9345</td><td>0.9357</td><td>0.9370</td><td></td><td></td><td></td><td></td><td></td><td>0.9441</td></t<>	1.5	0.9332	0.9345	0.9357	0.9370						0.9441
1.7   0.9554   0.9564   0.9573   0.9582   0.9591   0.9599   0.9608   0.9616   0.9625   0.963     1.8   0.9641   0.9649   0.9656   0.9664   0.9671   0.9678   0.9686   0.9693   0.9699   0.970     1.9   0.9713   0.9719   0.9726   0.9732   0.9738   0.9744   0.9750   0.9766   0.9761   0.976     2.0   0.9772   0.9778   0.9783   0.9788   0.9793   0.9798   0.9803   0.9808   0.9812   0.981     2.1   0.9821   0.9826   0.9830   0.9834   0.9838   0.9842   0.9846   0.9850   0.9854   0.985     2.2   0.9861   0.9864   0.9868   0.9871   0.9875   0.9878   0.9881   0.9884   0.9887   0.989     2.3   0.9893   0.9896   0.9898   0.9901   0.9904   0.9906   0.9909   0.9911   0.9913   0.993     2.5   0.9938   0.9941   0	1.6	0.9452	0.9463	0.9474	0.9484						0.9545
1.8   0.9641   0.9649   0.9656   0.9664   0.9671   0.9678   0.9686   0.9693   0.9699   0.970     1.9   0.9713   0.9719   0.9726   0.9732   0.9738   0.9744   0.9750   0.9756   0.9761   0.976     2.0   0.9772   0.9778   0.9783   0.9788   0.9793   0.9798   0.9803   0.9808   0.9812   0.981     2.1   0.9821   0.9826   0.9830   0.9834   0.9838   0.9842   0.9846   0.9850   0.9854   0.985     2.2   0.9861   0.9864   0.9868   0.9871   0.9875   0.9878   0.9881   0.9884   0.9887   0.989     2.3   0.9893   0.9896   0.9898   0.9901   0.9904   0.9906   0.9909   0.9911   0.9913   0.991     2.4   0.9918   0.9920   0.9922   0.9925   0.9927   0.9929   0.9931   0.9932   0.9931   0.993     2.5   0.9938   0.9941   0	1.7	0.9554	0.9564	0.9573	0.9582	0.9591					0.9633
1.9 0.9713 0.9719 0.9726 0.9732 0.9738 0.9744 0.9750 0.9756 0.9761 0.976   2.0 0.9772 0.9778 0.9783 0.9788 0.9793 0.9798 0.9803 0.9808 0.9812 0.981   2.1 0.9821 0.9826 0.9830 0.9834 0.9838 0.9842 0.9846 0.9850 0.9854 0.985   2.2 0.9861 0.9864 0.9868 0.9871 0.9875 0.9878 0.9881 0.9884 0.9887 0.989   2.3 0.9893 0.9896 0.9898 0.9901 0.9904 0.9906 0.9909 0.9911 0.9913 0.991   2.4 0.9918 0.9920 0.9922 0.9925 0.9927 0.9929 0.9931 0.9932 0.9934 0.993   2.5 0.9938 0.9940 0.9941 0.9943 0.9945 0.9946 0.9948 0.9949 0.9951 0.995   2.6 0.9953 0.9966 0.9967 0.9968 0.9969 0.9970 0.9971 0.9972 0.9973 <td< td=""><td>1.8</td><td>0.9641</td><td>0.9649</td><td>0.9656</td><td>0.9664</td><td>0.9671</td><td></td><td></td><td></td><td></td><td>0.9706</td></td<>	1.8	0.9641	0.9649	0.9656	0.9664	0.9671					0.9706
2.0   0.9772   0.9778   0.9783   0.9788   0.9793   0.9798   0.9803   0.9808   0.9812   0.981     2.1   0.9821   0.9826   0.9830   0.9834   0.9838   0.9842   0.9846   0.9850   0.9854   0.985     2.2   0.9861   0.9864   0.9868   0.9871   0.9875   0.9878   0.9881   0.9884   0.9887   0.989     2.3   0.9893   0.9896   0.9898   0.9901   0.9904   0.9906   0.9909   0.9911   0.9913   0.9913   0.9913   0.9913   0.9913   0.9934   0.993     2.4   0.9918   0.9920   0.9922   0.9925   0.9927   0.9929   0.9931   0.9932   0.9934   0.993     2.5   0.9938   0.9940   0.9941   0.9943   0.9945   0.9946   0.9948   0.9949   0.9951   0.995     2.6   0.9953   0.9955   0.9956   0.9957   0.9959   0.9960   0.9961   0.9962   0.9973	1.9	0.9713	0.9719	0.9726	0.9732	0.9738					0.9767
2.1 0.9821 0.9826 0.9830 0.9834 0.9838 0.9842 0.9846 0.9850 0.9854 0.985   2.2 0.9861 0.9864 0.9868 0.9871 0.9875 0.9878 0.9881 0.9884 0.9887 0.989   2.3 0.9893 0.9896 0.9898 0.9901 0.9904 0.9906 0.9909 0.9911 0.9913 0.9913 0.9913 0.9913 0.9914 0.9934 0.9949 0.9951 0.9955 0.9965 0.9957 0.9959 0.9960 0.9961 0.9962 0.9963 0.9966 0.9967 0.9968 0.9969 0.9970 0.9971 0.9972 0.9973 0.9988 0.9988 0.9989 0.9985 0.9986 0.9988 </td <td>2.0</td> <td>0.9772</td> <td>0.9778</td> <td>0.9783</td> <td>0.9788</td> <td>0.9793</td> <td>0.9798</td> <td>0.9803</td> <td>0.9808</td> <td></td> <td>0.9817</td>	2.0	0.9772	0.9778	0.9783	0.9788	0.9793	0.9798	0.9803	0.9808		0.9817
2.3 0.9893 0.9896 0.9898 0.9901 0.9904 0.9906 0.9909 0.9911 0.9913 0.991   2.4 0.9918 0.9920 0.9922 0.9925 0.9927 0.9929 0.9931 0.9932 0.9934 0.993   2.5 0.9938 0.9940 0.9941 0.9943 0.9945 0.9946 0.9948 0.9949 0.9951 0.995   2.6 0.9953 0.9955 0.9956 0.9957 0.9959 0.9960 0.9961 0.9962 0.9963 0.996   2.7 0.9965 0.9966 0.9967 0.9968 0.9969 0.9970 0.9971 0.9972 0.9973 0.997   2.8 0.9974 0.9975 0.9976 0.9977 0.9977 0.9978 0.9979 0.9979 0.9980 0.998   2.9 0.9981 0.9982 0.9982 0.9983 0.9984 0.9984 0.9985 0.9985 0.9986 0.998   3.0 0.9987 0.9987 0.9988 0.9988 0.9989 0.9992 0.9992 0.9993 0.9993 <td< td=""><td>2.1</td><td>0.9821</td><td>0.9826</td><td>0.9830</td><td>0.9834</td><td>0.9838</td><td>0.9842</td><td>0.9846</td><td>0.9850</td><td></td><td>0.9857</td></td<>	2.1	0.9821	0.9826	0.9830	0.9834	0.9838	0.9842	0.9846	0.9850		0.9857
2.3 0.9893 0.9896 0.9898 0.9901 0.9904 0.9906 0.9909 0.9911 0.9913 0.991   2.4 0.9918 0.9920 0.9922 0.9925 0.9927 0.9929 0.9931 0.9932 0.9934 0.993   2.5 0.9938 0.9940 0.9941 0.9943 0.9945 0.9946 0.9948 0.9949 0.9951 0.995   2.6 0.9953 0.9955 0.9956 0.9957 0.9959 0.9960 0.9961 0.9962 0.9963 0.996   2.7 0.9965 0.9966 0.9967 0.9968 0.9969 0.9970 0.9971 0.9972 0.9973 0.997   2.8 0.9974 0.9975 0.9976 0.9977 0.9977 0.9978 0.9979 0.9979 0.9980 0.9980   2.9 0.9981 0.9982 0.9982 0.9983 0.9984 0.9984 0.9985 0.9985 0.9986 0.998   3.0 0.9987 0.9987 0.9987 0.9988 0.9988 0.9989 0.9992 0.9992 0.9992 <t< td=""><td>2.2</td><td>0.9861</td><td>0.9864</td><td>0.9868</td><td>0.9871</td><td>0.9875</td><td>0.9878</td><td>0.9881</td><td>0.9884</td><td>0.9887</td><td>0.9890</td></t<>	2.2	0.9861	0.9864	0.9868	0.9871	0.9875	0.9878	0.9881	0.9884	0.9887	0.9890
2.5 0.9938 0.9940 0.9941 0.9943 0.9945 0.9946 0.9948 0.9949 0.9951 0.995   2.6 0.9953 0.9955 0.9956 0.9957 0.9959 0.9960 0.9961 0.9962 0.9963 0.996   2.7 0.9965 0.9966 0.9967 0.9968 0.9969 0.9970 0.9971 0.9972 0.9973 0.997   2.8 0.9974 0.9975 0.9976 0.9977 0.9977 0.9978 0.9979 0.9979 0.9980 0.998   2.9 0.9981 0.9982 0.9982 0.9983 0.9984 0.9984 0.9985 0.9985 0.9986 0.998   3.0 0.9987 0.9987 0.9987 0.9988 0.9988 0.9989 0.9999 0.9999 0.9999 0.9992 0.9992 0.9992 0.9992 0.9992 0.9993 0.9993 0.9993	2.3	0.9893	0.9896	0.9898	0.9901	0.9904	0.9906	0.9909	0.9911	0.9913	0.9916
2.6 0.9953 0.9955 0.9956 0.9957 0.9959 0.9960 0.9961 0.9962 0.9963 0.996   2.7 0.9965 0.9966 0.9967 0.9968 0.9969 0.9970 0.9971 0.9972 0.9973 0.997   2.8 0.9974 0.9975 0.9976 0.9977 0.9977 0.9978 0.9979 0.9979 0.9980 0.998   2.9 0.9981 0.9982 0.9982 0.9983 0.9984 0.9984 0.9985 0.9985 0.9986 0.998   3.0 0.9987 0.9987 0.9987 0.9988 0.9988 0.9989 0.9989 0.9989 0.9990 0.9993 0.9993   3.1 0.9990 0.9991 0.9991 0.9991 0.9992 0.9992 0.9992 0.9992 0.9993 0.9993 0.9993	2.4	0.9918	0.9920	0.9922	0.9925	0.9927	0.9929	0.9931	0.9932	0.9934	0.9936
2.7 0.9965 0.9966 0.9967 0.9968 0.9969 0.9970 0.9971 0.9972 0.9973 0.997   2.8 0.9974 0.9975 0.9976 0.9977 0.9977 0.9978 0.9979 0.9979 0.9980 0.998   2.9 0.9981 0.9982 0.9982 0.9983 0.9984 0.9984 0.9985 0.9985 0.9986 0.998   3.0 0.9987 0.9987 0.9988 0.9988 0.9989 0.9989 0.9989 0.9990 0.9993 0.9993   3.1 0.9990 0.9991 0.9991 0.9991 0.9992 0.9992 0.9992 0.9992 0.9993 0.9993	2.5	0.9938	0.9940	0.9941	0.9943	0.9945	0.9946	0.9948	0.9949	0.9951	0.9952
2.8 0.9974 0.9975 0.9976 0.9977 0.9977 0.9978 0.9979 0.9979 0.9980 0.998   2.9 0.9981 0.9982 0.9982 0.9983 0.9984 0.9984 0.9985 0.9985 0.9986 0.998   3.0 0.9987 0.9987 0.9988 0.9988 0.9989 0.9989 0.9989 0.9990 0.9990 0.9993   3.1 0.9990 0.9991 0.9991 0.9991 0.9992 0.9992 0.9992 0.9992 0.9993 0.9993		0.9953	0.9955	0.9956	0.9957	0.9959	0.9960	0.9961	0.9962	0.9963	0.9964
2.9 0.9981 0.9982 0.9982 0.9983 0.9984 0.9984 0.9985 0.9985 0.9986 0.998   3.0 0.9987 0.9987 0.9987 0.9988 0.9988 0.9989 0.9989 0.9989 0.9990 0.9990 0.9991   3.1 0.9990 0.9991 0.9991 0.9992 0.9992 0.9992 0.9992 0.9993 0.9993 0.9993					0.9968	0.9969	0.9970	0.9971	0.9972	0.9973	0.9974
3.0   0.9987   0.9987   0.9987   0.9988   0.9988   0.9989   0.9989   0.9989   0.9990   0.9990   0.9991   0.9991   0.9991   0.9992   0.9992   0.9992   0.9992   0.9993   0.9999		0.9974	0.9975		0.9977	0.9977	0.9978	0.9979	0.9979	0.9980	0.9981
3.1 0.9990 0.9991 0.9991 0.9991 0.9992 0.9992 0.9992 0.9993 0.999		0.9981	0.9982	0.9982	0.9983	0.9984	0.9984	0.9985	0.9985	0.9986	0.9986
			0.9987	0.9987	0.9988	0.9988	0.9989	0.9989	0.9989	0.9990	0.9990
$\begin{bmatrix} 3.2 & 0.9993 & 0.9993 & 0.9994 & 0.9994 & 0.9994 & 0.9994 & 0.9995 & 0.$	100000000000000000000000000000000000000	The second second						0.9992	0.9992	0.9993	0.9993
0.000	3.2	0.9993	0.9993	0.9994	0.9994	0.9994	0.9994	0.9994	0.9995	0.9995	0.9995
						0.9996	0.9996	0.9996	0.9996	0.9996	0.9997
						0.9997	0.9997	0.9997	0.9997	0.9997	0.9998
								0.9998	0.9998	0.9998	0.9998
3.6 0.9998 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999	3.6	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999

 $f_k(x)$ 



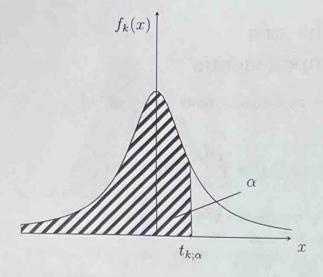
## Таблица для $\chi^2$ -распределения

В таблице приведены такие значения  $\chi^2_{k;\alpha}$ , что

$$\mathbb{P}(\{X \le \chi_{k;\alpha}^2\}) = \int_{-\infty}^{\chi_{k;\alpha}^2} f_k(y) dy = \alpha,$$

где  $f_k(y)$  — плотность  $\chi^2$ -распределения с k степенями свободы.

k	$\alpha$	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
	1	0.00004	0.0002	0.001	0.004	0.016	2.706	3.841	5.024	6.635	7.879
	2	0.010	0.020	0.051	0.103	0.211	4.605	5.991	7.378	9.210	10.597
	3	0.072	0.115	0.216	0.352	0.584	6.251	7.815	9.348	11.345	12.838
	4	0.207	0.297	0.484	0.711	1.064	7.779	9.488	11.143	13.277	14.860
10	5	0.412	0.554	0.831	1.145	1.610	9.236	11.070	12.833	15.086	16.750
	6	0.676	0.872	1.237	1.635	2.204	10.645	12.592	14.449	16.812	18.548
100	7	0.989	1.239	1.690	2.167	2.833	12.017	14.067	16.013	18.475	20.278
	8	1.344	1.646	2.180	2.733	3.490	13.362	15.507	17.535	20.090	21.955
	9	1.735	2.088	2.7	3.325	4.168	14.684	16.919	19.023	21.666	23.589
	10	2.156	2.558	3.247	3.940	4.865	15.987	18.307	20.483	23.209	25.188
	11	2.603	3.053	3.816	4.575	5.578	17.275	19.675	21.920	24.725	26.757
	12	3.074	3.571	4.404	5.226	6.304	18.549	21.026	23.337	26.217	28.300
	13	3.565	4.107	5.009	5.892	7.042	19.812	22.362	24.736	27.688	29.819
	14	4.075	4.660	5.629	6.571	7.790	21.064	23.685	26.119	29.141	31.319
	15	4.601	5.229	6.262	7.261	8.547	22.307	24.996	27.488	30.578	32.801
	16	5.142	5.812	6.908	7.962	9.312	23.542	26.296	28.845	32	34.267
	17	5.697	6.408	7.564	8.672	10.085	24.769	27.587	30.191	33.409	35.718
	18	6.265	7.015	8.231	9.390	10.865	25.989	28.869	31.526	34.805	37.156
	19	6.844	7.633	8.907	10.117	11.651	27.204	30.144	32.852	36.191	38.582
	20	7.434	8.260	9.591	10.851	12.443	28.412	31.410	34.170	37.566	39.997
	21	8.034	8.897	10.283	11.591	13.240	29.615	32.671	35.479	38.932	41.401
	22	8.643	9.542	10.982	12.338	14.041	30.813	33.924	36.781	40.289	42.796
	23	9.260	10.196	11.689	13.091	14.848	32.007	35.172	38.076	41.638	44.181
	24	9.886	10.856	12.401	13.848	15.659	33.196	36.415	39.364	42.980	45.559
	25	10.520	11.524	13.120	14.611	16.473	34.382	37.652	40.646	44.314	46.928
	26	11.160	12.198	13.844	15.379	17.292	35.563	38.885	41.923	45.642	48.290
	27	11.808	12.879	14.573	16.151	18.114	36.741	40.113	43.195	46.963	49.645
	28	12.461	13.565	15.308	16.928	18.939	37.916	41.337	44.461	48.278	50.993
		13.121	14.256	16.047	17.708	19.768	39.087	42.557	45.722	49.588	52.336
	29	13.787	14.250	16.791	18.493	20.599	40.256	43.773	46.979	50.892	53.672
	30	20.707	22.164	24.433	26.509	29.051	51.805	55.758	59.342	63.691	66.766
	40	27.991	29.707	32.357	34.764	37.689	63.167	67.505	71.420	76.154	79.490
	50	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	37.485	40.482	43.188	46.459	74.397	79.082	83.298	88.379	91.952
	60	35.534		57.153	60.391	64.278	96.578	101.879	106.629	112.329	116.32
	80	51.172	53.540	57.105	00.331	04.210	00.010	202.0.0			



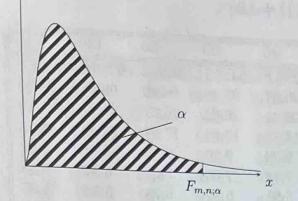
### Таблица для *t*-распределения

В таблице приведены такие значения  $t_{k;\alpha}$ , что

$$\mathbb{P}(\{X \le t_{k;\alpha}\}) = \int_{\infty}^{t_{k;\alpha}} f_k(y) dy = \alpha,$$

где  $f_k(y)$  — плотность t-распределения с k степенями свободы.

=	OI	0.000								
k	$\stackrel{\alpha}{\searrow}$	0.600	0.700	0.750	0.800	0.900	0.950	0.975	0.990	0.995
	1	0.325	0.727	1	1.376	3.078	6.314	12.706	31.821	63.657
	2	0.289	0.617	0.816	1.061	1.886	2.920	4.303	6.965	9.925
	3	0.277	0.584	0.765	0.978	1.638	2.353	3.182	4.541	5.841
	4	0.271	0.569	0.741	0.941	1.533	2.132	2.776	3.747	4.604
	5	0.267	0.559	0.727	0.920	1.476	2.015	2.571	3.365	4.032
	6	0.265	0.553	0.718	0.906	1.440	1.943	2.447	3.143	3.707
	7	0.263	0.549	0.711	0.896	1.415	1.895	2.365	2.998	3.499
	8	0.262	0.546	0.706	0.889	1.397	1.860	2.306	2.896	3.355
	9	0.261	0.543	0.703	0.883	1.383	1.833	2.262	2.821	3.250
	10	0.260	0.542	0.700	0.879	1.372	1.812	2.228	2.764	3.169
	11	0.260	0.540	0.697	0.876	1.363	1.796	2.201	2.718	3.106
	12	0.259	0.539	0.695	0.873	1.356	1.782	2.179	2.681	3.055
	13	0.259	0.538	0.694	0.870	1.350	1.771	2.160	2.650	3.012
	14	0.258	0.537	0.692	0.868	1.345	1.761	2.145	2.624	2.977
	15	0.258	0.536	0.691	0.866	1.341	1.753	2.131	2.602	2.947
	16	0.258	0.535	0.690	0.865	1.337	1.746	2.120	2.583	2.921
	17	0.257	0.534	0.689	0.863	1.333	1.740	2.110	2.567	2.898
	18	0.257	0.534	0.688	0.862	1.330	1.734	2.101	2.552	2.878
	19	0.257	0.533	0.688	0.861	1.328	1.729	2.093	2.539	2.861
	20	0.257	0.533	0.687	0.860	1.325	1.725	2.086	2.528	2.845
	21	0.257	0.532	0.686	0.859	1.323	1.721	2.080	2.518	2.831
	22	0.256	0.532	0.686	0.858	1.321	1.717	2.074	2.508	2.819
	23	0.256	0.532	0.685	0.858	1.319	1.714	2.069	2.500	2.807
	24	0.256	0.531	0.685	0.857	1.318	1.711	2.064	2.492	2.797
	25	0.256	0.531	0.684	0.856	1.316	1.708	2.060	2.485	2.787
	26	0.256	0.531	0.684	0.856	1.315	1.706	2.056	2.479	2.779
	27	0.256	0.531	0.684	0.855	1.314	1.703	2.052	2.473	2.771
	28	0.256	0.530	0.683	0.855	1.313	1.701	2.048	2.467	2.763
	29	0.256	0.530	0.683	0.854	1.311	1.699	2.045	2.462	2.756
	30	0.256	0.530	0.683	0.854	1.310	1.697	2.042	2.457	2.750
	40	0.255	0.529	0.681	0.851	1.303	1.684	2.021	2.423	2.704
	60	0.254	0.527	0.679	0.848	1.296	1.671	2	2.390	2.660
	120	0.254	0.526	0.677	0.845	1.289	1.658	1.980	2.358	2.617
	$\infty$	0.253	0.524	0.674	0.842	1.282	1.645	1.960	2.326	2.576



#### Таблицы для F-распределения

В таблице приведены значения  $F_{m,n;\alpha}$  такие, что

$$\mathbb{P}(\{X \le F_{m,n;\alpha}\}) = \int_{-\infty}^{F_{m,n;\alpha}} f_{m,n}(y) dy = \alpha,$$

где  $f_{m,n}(y)$  — плотность F-распределения с m и n степенями свободы.

F(m,n):  $\mathbb{P}(\{X \le F_{\alpha}\}) = 0.99$ 

	11000		idileb		1,000	986	4200	of the s			
n	m	1	2	3	4	5	6	7	8	9	10
	1	4052.1	4999.5	5403.4	5624.6	5763.6	5858.9	5928.3	5981.1	6022.5	6055.8
	2	98.50	99	99.17	99.25	99.30	99.33	99.36	99.37	99.39	99.40
	3	34.12	30.82	29.46	28.71	28.24	27.91	27.67	27.49	27.35	27.23
1	4	21.20	18	16.69	15.98	15.52	15.21	14.98	14.80	14.66	14.55
	5	16.26	13.27	12.06	11.39	10.97	10.67	10.46	10.29	10.16	10.05
	6	13.75	10.92	9.78	9.15	8.75	8.47	8.26	8.10	7.98	7.87
	7	12.25	9.55	8.45	7.85	7.46	7.19	6.99	6.84	6.72	6.62
	8	11.26	8.65	7.59	7.01	6.63	6.37	6.18	6.03	5.91	5.81
	9	10.56	8.02	6.99	6.42	6.06	5.80	5.61	5.47	5.35	5.26
	10	10.04	7.56	6.55	5.99	5.64	5.39	5.20	5.06	4.94	4.85
	11	9.65	7.21	6.22	5.67	5.32	5.07	4.89	4.74	4.63	4.54
	12	9.33	6.93	5.95	5.41	5.06	4.82	4.64	4.50	4.39	4.30
	13	9.07	6.70	5.74	5.21	4.86	4.62	4.44	4.30	4.19	4.10
	14	8.86	6.51	5.56	5.04	4.69	4.46	4.28	4.14	4.03	3.94
	15	8.68	6.36	5.42	4.89	4.56	4.32	4.14	4	3.89	3.80
	16	8.53	6.23	5.29	4.77	4.44	4.20	4.03	3.89	3.78	3.69
	17	8.40	6.11	5.18	4.67	4.34	4.10	3.93	3.79	3.68	3.59
	18	8.29	6.01	5.09	4.58	4.25	4.01	3.84	3.71	3.60	3.51
	19	8.18	5.93	5.01	4.50	4.17	3.94	3.77	3.63	3.52	3.43
	20	8.10	5.85	4.94	4.43	4.10	3.87	3.70	3.56	3.46	3.37
	21	8.02	5.78	4.87	4.37	4.04	3.81	3.64	3.51	3.40	3.31
	22	7.95	5.72	4.82	4.31	3.99	3.76	3.59	3.45	3.35	3.26
	23	7.88	5.66	4.76	4.26	3.94	3.71	3.54	3.41	3.30	3.21
	24	7.82	5.61	4.72	4.22	3.90	3.67	3.50	3.36	3.26	3.17
	25	7.77	5.57	4.68	4.18	3.85	3.63	3.46	3.32	3.22	3.13
	26	7.72	5.53	4.64	4.14	3.82	3.59	3.42	3.29	3.18	3.09
	27	7.68	5.49	4.60	4.11	3.78	3.56	3.39	3.26	3.15	3.06
	28	7.64	5.45	4.57	4.07	3.75	3.53	3.36	3.23	3.12	3.03
	29	7.60	5.42	4.54	4.04	3.73	3.50	3.33	3.20	3.09	3
	30	7.56	5.39	4.51	4.02	3.70	3.47	3.30	3.17	3.07	2.98
	40	7.31	5.18	4.31	3.83	3.51	3.29	3.12	2.99	2.89	2.80
	60	7.08	4.98	4.13	3.65	3.34	3.12	2.95	2.82	2.72	2.63
	120	6.85	4.79	3.95	3.48	3.17	2.96	2.79	2.66	2.56	2.47
	$\infty$	6.64	4.61	3.78	3.32	3.02	2.80	2.64	2.51	2.41	2.32

F(m,n):  $\mathbb{P}(\{X \le F_{\alpha}\}) = 0.99$ 

									120	
5 200			20	0.4	30	40	60	80	120	$\infty$
n $m$	12	15	20	24		6286.8	6313.1	6326.2	6339.4	6365.5
1	6106.3	6157.3	6208.7	6234.6	6260.7	99.47	99.48	99.49	99.49	99.50
2	99.42	99.43	99.45	99.46	99.47		26.32	26.27	26.22	26.13
3	27.05	26.87	26.69	26.60	26.50	26.41	13.65	13.61	13.56	13.46
4	14.37	14.20	14.02	13.93	13.84	13.75	9.20	9.16	9.11	9.02
5	9.89	9.72	9.55	9.47	9.38	9.29	7.06	7.01	6.97	6.88
6	7.72	7.56	7.40	7.31	7.23	7.14		5.78	5.74	5.65
7	6.47	6.31	6.16	6.07	5.99	5.91	5.82	4.99	4.95	4.86
8	5.67	5.52	5.36	5.28	5.20	5.12	5.03	4.44	4.40	4.31
9	5.11	4.96	4.81	4.73	4.65	4.57	4.48		4.40	3.91
10	4.71	4.56	4.41	4.33	4.25	4.17	4.08	4.04	3.69	3.60
11	4.40	4.25	4.10	4.02	3.94	3.86	3.78	3.73		3.36
12	4.16	4.01	3.86	3.78	3.70	3.62	3.54	3.49	3.45	3.17
13	3.96	3.82	3.66	3.59	3.51	3.43	3.34	3.30	3.25	3.01
14	3.80	3.66	3.51	3.43	3.35	3.27	3.18	3.14	3.09	
15	3.67	3.52	3.37	3.29	3.21	3.13	3.05	3	2.96	2.87
16	3.55	3.41	3.26	3.18	3.10	3.02	2.93	2.89	2.84	2.75
17	3.46	3.31	3.16	3.08	3	2.92	2.83	2.79	2.75	2.65
18	3.37	3.23	3.08	3	2.92	2.84	2.75	2.70	2.66	2.57
19	3.30	3.15	3	2.92	2.84	2.76	2.67	2.63	2.58	2.49
20	3.23	3.09	2.94	2.86	2.78	2.69	2.61	2.56	2.52	2.42
21	3.17	3.03	2.88	2.80	2.72	2.64	2.55	2.50	2.46	2.36
22	3.12	2.98	2.83	2.75	2.67	2.58	2.50	2.45	2.40	2.31
23	3.07	2.93	2.78	2.70	2.62	2.54	2.45	2.40	2.35	2.26
24	3.03	2.89	2.74	2.66	2.58	2.49	2.40	2.36	2.31	2.21
25	2.99	2.85	2.70	2.62	2.54	2.45	2.36	2.32	2.27	2.17
26	2.96	2.81	2.66	2.58	2.50	2.42	2.33	2.28	2.23	2.13
27	2.93	2.78	2.63	2.55	2.47	2.38	2.29	2.25	2.20	2.10
28	2.90	2.75	2.60	2.52	2.44	2.35	2.26	2.22	2.17	2.07
29	2.87	2.73	2.57	2.49	2.41	2.33	2.23	2.19	2.14	2.04
30	2.84		2.55	2.47	2.39	2.30	2.21	2.16	2.11	2.01
40	2.66	2.52	2.37	2.29	2.20	2.11	2.02	1.97	1.92	1.81
60	2.50	2.35	2.20	2.12	2.03	1.94		1.78	1.73	1.60
120	2.34	2.19	2.03	1.95	1.86	1.76	1.66	1.60	1.53	1.38
$\infty$	2.19	2.04	1.88	1.79	1.70	1.59	1.48	1.41	1.33	1.05

F(m,n):  $\mathbb{P}(\{X \le F_{\alpha}\}) = 0.95$ 

n	m	1	2	3	4	5	6	7	8	9	10
	1	161.45	199.50	215.71	224.58	230.16	233.99	236.77	238.88	240.54	241.88
	2	18.51	19	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40
	3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79
	4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6	5.96
	5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74
	6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06
	7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64
	8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35
	9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14
	10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98
	11			3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85
	12			3.49	3.26	3.11	3	2.91	2.85	2.80	2.75
	13				3.18	3.03	2.92	2.83	2.77	2.71	2.67
	14	4.60				2.96	2.85	2.76	2.70	2.65	2.60
*	15	5 4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54
	10	6 4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49
	1	7 4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45
	1	8 4.4	1 3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41
	1	9 4.38	8 3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38
	2	0 4.3	5 3.49	3.10	2.87			2.51	2.45	2.39	2.35
	2	1 4.3					2.57	2.49	2.42	2.37	2.32
		22 4.3						2.46	2.40	2.34	2.30
	11	23 4.2						2.44	2.37	2.32	2.27
	11	24 4.2						2.42	2.36	2.30	2.25
	11 14	25 4.2						2.40	2.34	2.28	2.24
	1	26 4.2						2.39 2.37	2.32 2.31	2.27 2.25	2.22
		27 4.2							2.29	2.24	2.19
		$\begin{vmatrix} 28 & 4.2 \\ 29 & 4.1 \end{vmatrix}$									2.18
		$\begin{vmatrix} 29 & 4.1 \\ 30 & 4.1 \end{vmatrix}$						2.33	2.27	2.21	2.16
		$\frac{4.1}{40}$							2.18	2.12	2.08
		$\frac{40}{60}$ $\frac{4.0}{4.0}$							2.10	2.04	1.99
		20 3.9							2.02	1.96	1.91
		$\infty$ 3.8							1.94	1.88	1.83

F(m,n):  $\mathbb{P}(\{X \le F_{\alpha}\}) = 0.95$ 

	$\overline{m}$	12	15	20	24	30	40	60	80	120	$\infty$
n		243.91			249.05	250.10	251.14	252.20	252.72	253.25	254.30
	$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	19.41	245.95 19.43	248.01		19.46	19.47	19.48	19.48	19.49	19.50
	3	8.74	8.70	19.45 8.66	19.45	8.62	8.59	8.57	8.56	8.55	8.53
	4	5.91	5.86		8.64	5.75	5.72	5.69	5.67	5.66	5.63
	5	4.68	4.62	5.80 4.56	5.77 4.53	4.50	4.46	4.43	4.41	4.40	4.37
	6	4.00	3.94	3.87	3.84	3.81	3.77	3.74	3.72	3.70	3.67
	7	3.57	3.51	3.44	3.41	3.38	3.34	3.30	3.29	3.27	3.23
	8	3.28	3.22	3.15	3.12	3.08	3.04	3.01	2.99	2.97	2.93
	9	3.07	3.01	2.94	2.90	2.86	2.83	2.79	2.77	2.75	2.71
	10	2.91	2.85	2.77	2.74	2.70	2.66	2.62	2.60	2.58	2.54
	11	2.79	2.72	2.65	2.61	2.57	2.53	2.49	2.47	2.45	2.41
	12	2.69	2.62	2.54	2.51	2.47	2.43	2.38	2.36	2.34	2.30
	13	2.60	2.53	2.46	2.42	2.38	2.34	2.30	2.27	2.25	2.21
	14	2.53	2.46	2.39	2.35	2.31	2.27	2.22	2.20	2.18	2.13
	15	2.48	2.40	2.33	2.29	2.25	2.20	2.16	2.14	2.11	2.07
	16	2.42	2.35	2.28	2.24	2.19	2.15	2.11	2.08	2.06	2.01
	17	2.38	2.31	2.23	2.19	2.15	2.10	2.06	2.03	2.01	1.96
5	18	2.34	2.27	2.19	2.15	2.11	2.06	2.02	1.99	1.97	1.92
	19	2.31	2.23	2.16	2.11	2.07	2.03	1.98	1.96	1.93	1.88
	20	2.28	2.20	2.12	2.08	2.04	1.99	1.95	1.92	1.90	1.84
No.	21	2.25	2.18	2.10	2.05	2.01	1.96	1.92	1.89	1.87	1.81
	22	2.23	2.15	2.07	2.03	1.98	1.94	1.89	1.86	1.84	1.78
	23	2.20	2.13	2.05	2.01	1.96	1.91	1.86	1.84	1.81	1.76
H	24	2.18	2.11	2.03	1.98	1.94	1.89	1.84	1.82	1.79	1.73
	25	2.16	2.09	2.01	1.96	1.92	1.87	1.82	1.80	1.77	1.71
1	26	2.15	2.07	1.99	1.95	1.90	1.85	1.80	1.78	1.75	1.69
	27	2.13	2.06	1.97	1.93	1.88	1.84	1.79	1.76	1.73	1.67
1	28	2.12	2.04	1.96	1.91	1.87	1.82	1.77	1.74	1.71	1.65
	29	2.10	2.03	1.94	1.90	1.85	1.81	1.75	1.73	1.70	1.64
H	30	2.09	2.01	1.93	1.89	1.84	1.79	1.74	1.71	1.68	1.62
	40	2	1.92	1.84	1.79	1.74	1.69	1.64	1.61	1.58	1.51
N.	60	1.92	1.84	1.75	1.70	1.65	1.59	1.53	1.50	1.47	1.39
	120	1.83	1.75	1.66	1.61	1.55	1.50	1.43	1.39	1.35	1.26
	$\infty$	1.75	1.67	1.57	1.52	1.46	1.40	1.32	1.28	1.22	1.03

F(m,n):  $\mathbb{P}(\{X \le F_{\alpha}\}) = 0.9$ 

n	m	1	2	3	1						
	1	39.86	49.50		4	5	6	7	8	9	10
	2	8.53	9	53.59	55.83	57.24	58.20	58.91	59.44	59.86	60.19
	3	5.54	5.46	9.16	9.24	9.29	9.33	9.35	9.37	9.38	9.39
	4	4.54		5.39	5.34	5.31	5.28	5.27	5.25	5.24	5.23
	5	4.06	4.32	4.19	4.11	4.05	4.01	3.98	3.95	3.94	3.92
	6		3.78	3.62	3.52	3.45	3.40	3.37	3.34	3.32	3.30
	7	3.78	3.46	3.29	3.18	3.11	3.05	3.01	2.98	2.96	2.94
		3.59	3.26	3.07	2.96	2.88	2.83	2.78	2.75	2.72	2.70
	8 9	3.46	3.11	2.92	2.81	2.73	2.67	2.62	2.59	2.56	2.54
		3.36	3.01	2.81	2.69	2.61	2.55	2.51	2.47	2.44	2.42
	10	3.29	2.92	2.73	2.61	2.52	2.46	2.41	2.38	2.35	2.32
	11	3.23	2.86	2.66	2.54	2.45	2.39	2.34	2.30	2.27	2.25
	12	3.18	2.81	2.61	2.48	2.39	2.33	2.28	2.24	2.21	2.19
	13	3.14	2.76	2.56	2.43	2.35	2.28	2.23	2.20	2.16	2.14
	14	3.10	2.73	2.52	2.39	2.31	2.24	2.19	2.15	2.12	2.10
	15	3.07	2.70	2.49	2.36	2.27	2.21	2.16	2.12	2.09	2.06
	16	3.05	2.67	2.46	2.33	2.24	2.18	2.13	2.09	2.06	2.03
	17	3.03	2.64	2.44	2.31	2.22	2.15	2.10	2.06	2.03	2
	18		2.62	2.42	2.29	2.20	2.13	2.08	2.04	2	1.98
	19		2.61	2.40	2.27	2.18	2.11	2.06	2.02	1.98	1.96
	20			2.38	2.25	2.16	2.09	2.04	2	1.96	1.94
	21	THE RESERVE AND ADDRESS OF			2.23	2.14	2.08	2.02	1.98	1.95	1.92
	22 23			2.35	2.22	2.13	2.06	2.01	1.97	1.93	1.90
	23			2.34	2.21	2.11	2.05	1.99	1.95	1.92	1.89
	25				2.19	2.10	2.04	1.98	1.94	1.91	1.88
	26		2.53	2.32	2.18 2.17	2.09	2.02	1.97	1.93	1.89	1.87
	27			2.30	2.17	2.08 2.07	2.01	1.96	1.92	1.88	1.86
	28			2.29	2.17	2.06	2	1.95 1.94	1.91	1.87	1.85
	29		2.50	2.28	2.15	2.06	1.99	1.94	1.90 1.89	1.87 1.86	1.84 1.83
	30		2.49	2.28	2.14	2.05	1.98	1.93	1.88	1.85	1.82
	40	A PARTY OF THE PAR	2.44	2.23	2.09	2.00	1.93	1.87	1.83	1.79	1.76
	60	72   10   10   10   10   10   10   10   1	2.39	2.18	2.04	1.95	1.87	1.82	1.77	1.74	1.71
	120		2.35	2.13	1.99	1.90	1.82	1.77	1.72	1.68	1.65
	$\infty$	2.71	2.30	2.08	1.94	1.85	1.77	1.72	1.67	1.63	1.60
										,,	2.00

F(m,n):  $\mathbb{P}(\{X \le F_{\alpha}\}) = 0.9$ 

n	12	15	20	24	30	40	60	80	120	$\infty$
1	60.71	61.22	61.74	62	62.26	62.53	62.79	62.93	63.06	63.33
2	9.41	9.42	9.44	9.45	9.46	9.47	9.47	9.48	9.48	9.49
3	5.22	5.20	5.18	5.18	5.17	5.16	5.15	5.15	5.14	5.13
4	3.90	3.87	3.84	3.83	3.82	3.80	3.79	3.78	3.78	3.76
5	3.27	3.24	3.21	3.19	3.17	3.16	3.14	3.13	3.12	3.11
6	2.90	2.87	2.84	2.82	2.80	2.78	2.76	2.75	2.74	
7	2.67	2.63	2.59	2.58	2.56	2.54	2.51	2.50	2.49	2.47
8	2.50	2.46	2.42	2.40	2.38	2.36	2.34	2.33	2.32	2.29
9	2.38	2.34	2.30	2.28	2.25	2.23	2.21	2.20	2.18	2.16
10	2.28	2.24	2.20	2.18	2.16	2.13	2.11	2.09	2.08	2.06
11	2.21	2.17	2.12	2.10	2.08	2.05	2.03	2.01	2	1.97
12	2.15	2.10	2.06	2.04	2.01	1.99	1.96	1.95	1.93	1.90
13	2.10	2.05	2.01	1.98	1.96	1.93	1.90	1.89	1.88	1.85
14	2.05	2.01	1.96	1.94	1.91	1.89	1.86	1.84	1.83	1.80
15	2.02	1.97	1.92	1.90	1.87	1.85	1.82	1.80	1.79	1.76
16	1.99	1.94	1.89	1.87	1.84	1.81	1.78	1.77	1.75	1.72
17	1.96	1.91	1.86	1.84	1.81	1.78	1.75	1.74	1.72	1.69
18	1.93	1.89	1.84	1.81	1.78	1.75	1.72	1.71	1.69	1.66
19	1.91	1.86	1.81	1.79	1.76	1.73	1.70	1.68	1.67	1.63
20	1.89	1.84	1.79	1.77	1.74	. 1.71	1.68	1.66	1.64	1.61
21	1.87	1.83	1.78	1.75	1.72	1.69	1.66	1.64	1.62	1.59
22	1.86	1.81	1.76	1.73	1.70	1.67	1.64	1.62	1.60	1.57
23	1.84	1.80	1.74	1.72	1.69	1.66	1.62	1.61	1.59	1.55
24	1.83	1.78	1.73	1.70	1.67	1.64	1.61	1.59	1.57	1.53
25	1.82	1.77	1.72	1.69	1.66	1.63	1.59	1.58	1.56	1.52
26	1.81	1.76	1.71	1.68	1.65	1.61	1.58	1.56	1.54	1.50
27	1.80	1.75	1.70	1.67	1.64	1.60	1.57	1.55	1.53	1.49
28	1.79	1.74	1.69	1.66	1.63	1.59	1.56	1.54	1.52	1.48
29	1.78	1.73	1.68	1.65	1.62	1.58	1.55	1.53	1.51	1.47
30	1.77	1.72	1.67	1.64	1.61	1.57	1.54	1.52	1.50	1.46
40	1.71	1.66	1.61	1.57	1.54	1.51	1.47	1.45	1.42	1.38
60	1.66	1.60	1.54	1.51	1.48	1.44	1.40	1.37	1.35	1.29
120	1.60	1.55	1.48	1.45	1.41	1.37	1.32	1.29	1.26	1.19
$\infty$	1.55	1.49	1.42	1.38	1.34	1.30	1.24	1.21	1.17	1.01