

STATDISC

DDex: example binomial distribution Dint: distribution function, Dder gives again distr.(0.2s)	<pre> 1: 1. .121060821 2. .2334744405 3. .266827932 4. .200120949 5. .1029193452 6. .036756909 7. .009001632 8. .0014467005 9. .000137781 10. .0000059049 DDex Dint Dder Dmean Dsdev Dbarp </pre>	<pre> 1: 1. .1493083459 2. .3827827864 3. .6496107184 4. .8497316674 5. .9526510126 6. .9894079216 7. .9994096136 8. .9998563141 9. .9999940951 10. 1. DDex Dint Dder Dmean Dsdev Dbarp </pre>
Dmean, Dsdev: mean, standard deviation (0.5s) Dpquantil: 0.75 quantil of distribution (0.2 s)	<pre> 3: 3. .266827932 4. .200120949 5. .1029193452 6. .036756909 7. .009001632 8. .0014467005 9. .000137781 10. .0000059049 2: 1: 3. 1: 1.44313767462 DDex Dint Dder Dmean Dsdev Dbarp </pre>	<pre> 3: 3. .266827932 4. .200120949 5. .1029193452 6. .036756909 7. .009001632 8. .0014467005 9. .000137781 10. .0000059049 2: 1: .75 1: 4. Dspre Dkpre Dknon Dpqua Dpino Dhypg </pre>
DΣprob: sum of probabilities. Dkprop: k.th probability (0.2 s)	<pre> 4: 4. .200120949 5. .1029193452 6. .036756909 7. .009001632 8. .0014467005 9. .000137781 10. .0000059049 3: 2: 1: 2. 1: 8. 1: .9701620887 Dmean Dsdev Dbarp Dspre Dkpre Dknon </pre>	<pre> 3: 3. .266827932 4. .200120949 5. .1029193452 6. .036756909 7. .009001632 8. .0014467005 9. .000137781 10. .0000059049 2: 1: 8 1: .009001632 Dspre Dkpre Dknon Dpqua Dpino Dhypg </pre>
Dbarplot: plot of binomial distribution n=20, p=0.4 (1s) Dint, Dbarplot: plot of distribution function (1s)	<pre> 200H (X,Y) EDIT CANCEL </pre>	<pre> 200H (X,Y) EDIT CANCEL </pre>
Dhypgeo: hypergeometric distribution 20 12 8 (0.4s) Dbarplot: (0.5s)	<pre> 2: 1: 0. 7.93839803128E-6 1. 7.62086211003E-4 2. 1.46701595618E-2 3. 9.78010637453E-2 4. .275065431784 5. .352083829483 6. .205382233865 7. 5.02976299262E-2 8. 3.32350702548E-3 Dspre Dkpre Dknon Dpqua Dpino Dhypg </pre>	<pre> (X,Y) EDIT CANCEL </pre>
Dpoisson: Poisson distribution 10 0.1 (0.4s) Dbarplot: (0.5s)	<pre> 1: 1. 9.04837413036E-2 2. 4.52418709018E-3 3. 1.5080623634E-4 4. 3.77015590849E-6 5. 7.54031181696E-8 6. 1.25671863618E-9 7. 1.79531233738E-11 8. 2.24414042172E-13 9. 2.49348935746E-15 10. 2.49348935746E-17 Dpois Dgeom Dpernr Dconbr Dpino Dpbin </pre>	<pre> (X,Y) EDIT CANCEL </pre>
Dgeom: geometric distribution 10 0.2 (0.4s) Dbarplot: (0.5s)	<pre> 1: 1. .16 2. .128 3. .1024 4. .08192 5. .065536 6. .0524288 7. .04194304 8. .033554432 9. .0268435456 10. .02147483648 Dpois Dgeom Dpernr Dconbr Dpino Dpbin </pre>	<pre> (X,Y) EDIT CANCEL </pre>

