```
>> ee511_p2_q3c(10)
Summary for Discrete uniform distribution 1,2,...10 for
  -Number of samples -50 with 5 bins
Warning: The vector E of bin edges does not span the range of X.
> In statgetbins (line 101)
  In chi2gof (line 154)
  In ee511_p2_q3c (line 31)

h =

     0


p =

    0.1413


st =

    chi2stat: 6.9000
          df: 4
       edges: [1 2.8000 4.6000 6.4000 8.2000 10]
           O: [9 11 7 13 3]
           E: [10 10 10 10 10]

  -The NULL hypothesis that "uniform dist random data fits the sample above" is NOT
REJECTED
  -Number of samples -50 with 10 bins
Warning: The vector E of bin edges does not span the range of X.
> In statgetbins (line 101)
  In chi2gof (line 154)
  In ee511_p2_q3c (line 31)

h =

     0


p =

    0.1626


st =

    chi2stat: 13
          df: 9
       edges: [1 1.9000 2.8000 3.7000 4.6000 5.5000 6.4000 7.3000 8.2000 9.1000 10]
```

```
           O: [4 5 5 6 4 3 3 10 3 0]
           E: [5 5 5 5 5 5 5 5 5 5]

  -The NULL hypothesis that "uniform dist random data fits the sample above" is NOT
REJECTED
Summary for Discrete uniform distribution 1,2,...10 for
  -Number of samples -100 with 5 bins
Warning: The vector E of bin edges does not span the range of X.
> In statgetbins (line 101)
  In chi2gof (line 154)
  In ee511_p2_q3c (line 31)

h =

     1


p =

    0.0108


st =

    chi2stat: 13.1000
          df: 4
       edges: [1 2.8000 4.6000 6.4000 8.2000 10]
           O: [20 21 26 20 5]
           E: [20 20 20 20 20]

  -The NULL hypothesis that "uniform dist random data fits the sample above" is
REJECTED
  -Number of samples -100 with 10 bins
Warning: The vector E of bin edges does not span the range of X.
> In statgetbins (line 101)
  In chi2gof (line 154)
  In ee511_p2_q3c (line 31)

h =

     1


p =

    0.0156


st =
```

```
    chi2stat: 20.4000
          df: 9
       edges: [1 1.9000 2.8000 3.7000 4.6000 5.5000 6.4000 7.3000 8.2000 9.1000 10]
           O: [12 8 10 11 8 18 9 11 5 0]
           E: [10 10 10 10 10 10 10 10 10 10]

  -The NULL hypothesis that "uniform dist random data fits the sample above" is
REJECTED
Summary for Discrete uniform distribution 1,2,...10 for
  -Number of samples -500 with 5 bins
Warning: The vector E of bin edges does not span the range of X.
> In statgetbins (line 101)
  In chi2gof (line 154)
  In ee511_p2_q3c (line 31)

h =

     1


p =

    0.0024


st =

    chi2stat: 16.5400
          df: 4
       edges: [1 2.8000 4.6000 6.4000 8.2000 10]
           O: [97 95 102 96 60]
           E: [100 100 100 100 100]

  -The NULL hypothesis that "uniform dist random data fits the sample above" is
REJECTED
  -Number of samples -500 with 10 bins
Warning: The vector E of bin edges does not span the range of X.
> In statgetbins (line 101)
  In chi2gof (line 154)
  In ee511_p2_q3c (line 31)

h =

     1


p =
```

```
   7.5780e-09


st =

    chi2stat: 56.0800
          df: 9
       edges: [1 1.9000 2.8000 3.7000 4.6000 5.5000 6.4000 7.3000 8.2000 9.1000 10]
           O: [52 45 44 51 51 51 56 40 60 0]
           E: [50 50 50 50 50 50 50 50 50 50]

  -The NULL hypothesis that "uniform dist random data fits the sample above" is
REJECTED
Summary for Discrete uniform distribution 1,2,...10 for
  -Number of samples -1000 with 5 bins
Warning: The vector E of bin edges does not span the range of X.
> In statgetbins (line 101)
  In chi2gof (line 154)
  In ee511_p2_q3c (line 31)

h =

     1


p =

   5.3009e-11


st =

    chi2stat: 53.9850
          df: 4
       edges: [1 2.8000 4.6000 6.4000 8.2000 10]
           O: [196 206 206 210 97]
           E: [200 200 200 200 200]

  -The NULL hypothesis that "uniform dist random data fits the sample above" is
REJECTED
  -Number of samples -1000 with 10 bins
Warning: The vector E of bin edges does not span the range of X.
> In statgetbins (line 101)
  In chi2gof (line 154)
  In ee511_p2_q3c (line 31)

h =

     1
```

```
p =

   2.7635e-18


st =

    chi2stat: 103.7300
          df: 9
       edges: [1 1.9000 2.8000 3.7000 4.6000 5.5000 6.4000 7.3000 8.2000 9.1000 10]
           O: [97 99 93 113 98 108 108 102 97 0]
           E: [100 100 100 100 100 100 100 100 100 100]

  -The NULL hypothesis that "uniform dist random data fits the sample above" is
REJECTED
>>
```