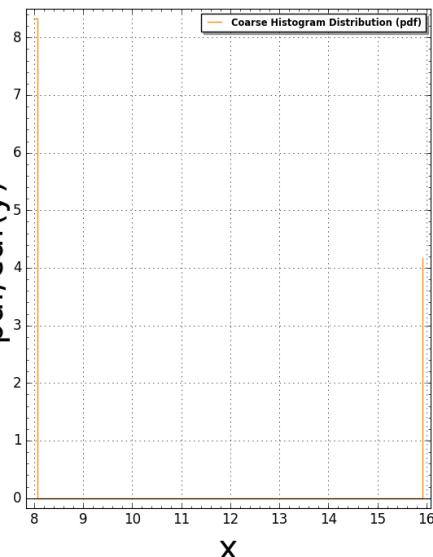**Cesi(N:=1) Pair Correlation (Squared):**
#bins=100, #tiling points = 4
Time Taken: 8.0731 sec (0.134552 mins)

Coarse Histogram Distribution (pdf)

Cesi(N:=1) Pair Correlation (Squared):
#bins=100, #tiling points = 4
Time Taken: 8.0731 sec (0.134552 mins)

Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

Cesi(N:=2) Pair Correlation (Squared):
#bins=100, #tiling points = 13
Time Taken: 51.845 sec (0.864083 mins)

Coarse Histogram Distribution (pdf)

Cesi(N:=2) Pair Correlation (Squared):
#bins=100, #tiling points = 13
Time Taken: 51.845 sec (0.864083 mins)

Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

Cesi(N:=3) Pair Correlation (Squared):
#bins=100, #tiling points = 47
Time Taken: 212.84 sec (3.54734 mins)

Coarse Histogram Distribution (pdf)

Cesi(N:=3) Pair Correlation (Squared):
#bins=100, #tiling points = 47
Time Taken: 212.84 sec (3.54734 mins)

Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
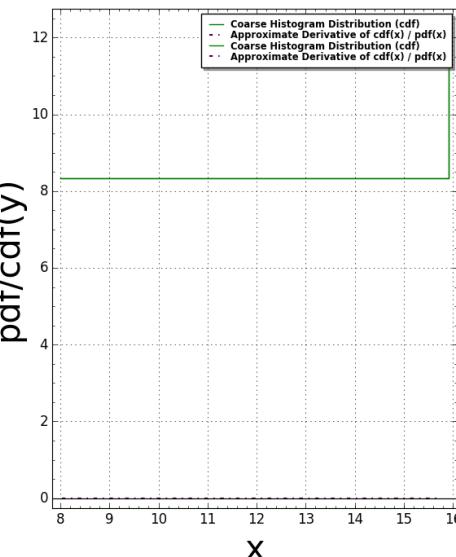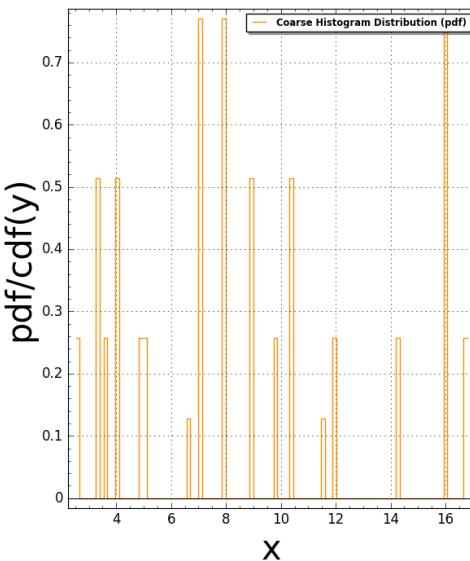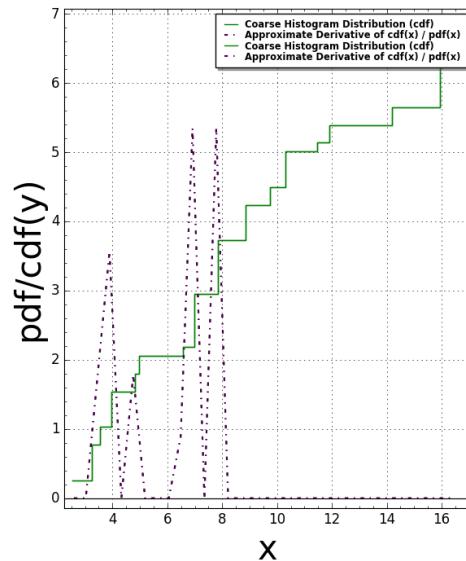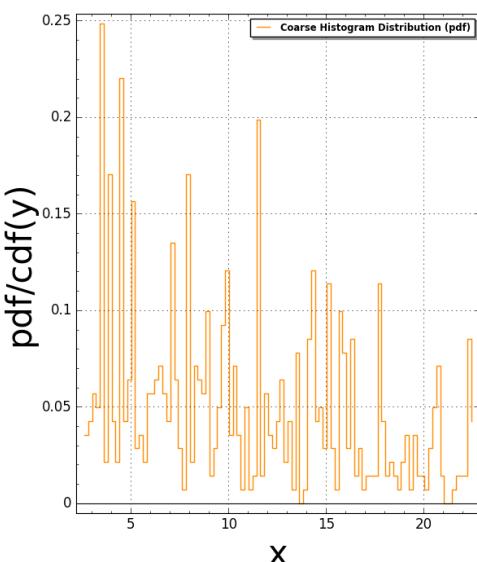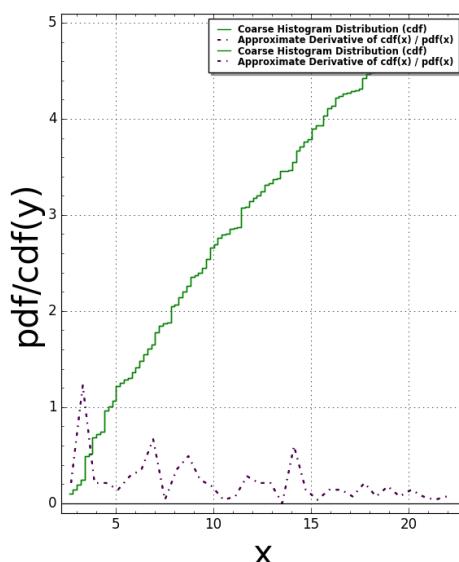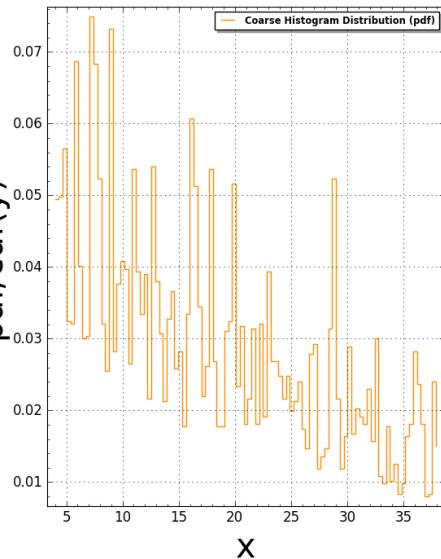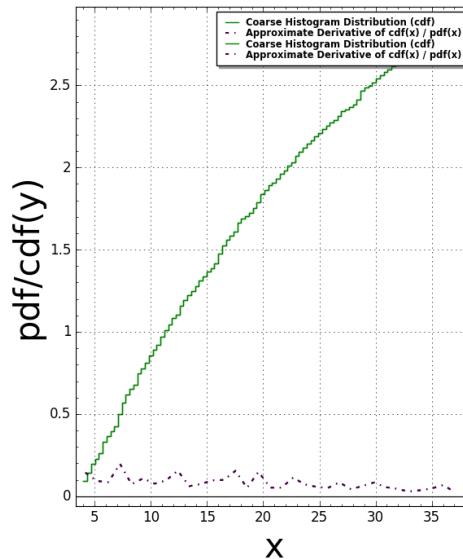Approximate Derivative of cdf(x) / pdf(x)

Cesi(N:=4) Pair Correlation (Squared):
#bins=100, #tiling points = 161
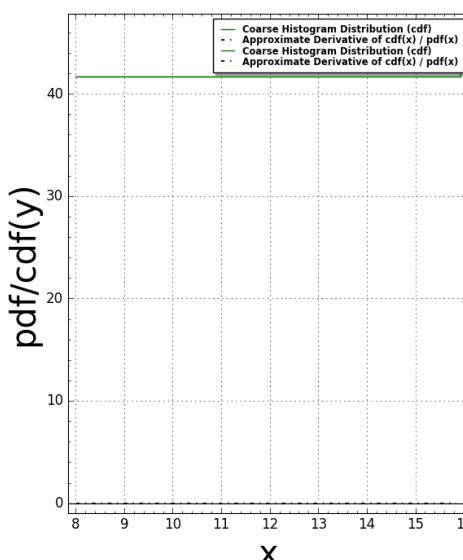Time Taken: 358.027 sec (5.96712 mins)

Cesi(N:=4) Pair Correlation (Squared):
#bins=100, #tiling points = 161
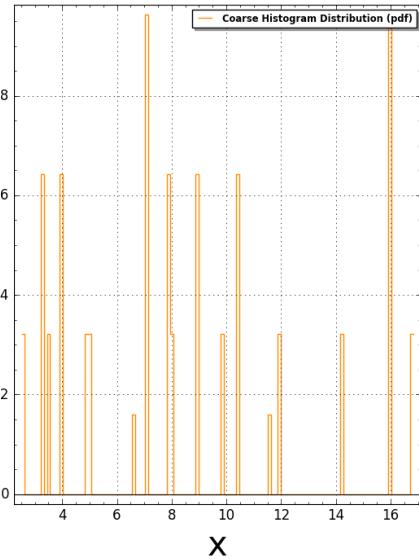Time Taken: 358.027 sec (5.96712 mins)

Cesi(N:=5) Pair Correlation (Squared):
#bins=100, #tiling points = 555
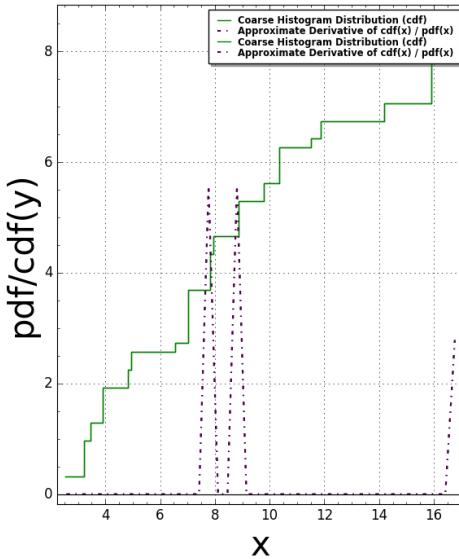Time Taken: 535.294 sec (8.92157 mins)

Cesi(N:=5) Pair Correlation (Squared):
#bins=100, #tiling points = 555
Time Taken: 535.294 sec (8.92157 mins)

Cesi(N:=1) Pair Correlation (Squared):
#bins=125, #tiling points = 4
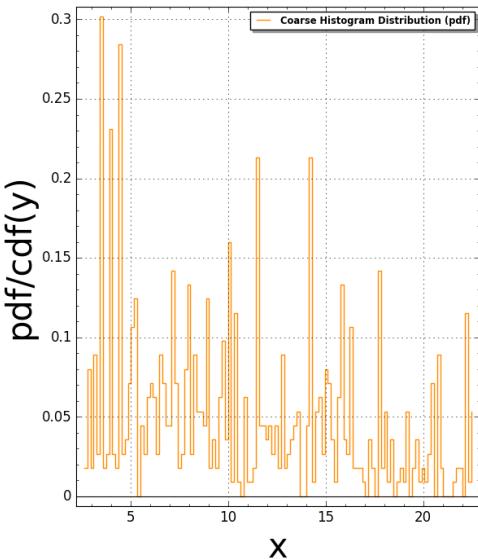Time Taken: 8.87287 sec (0.147881 mins)

Cesi(N:=1) Pair Correlation (Squared):
#bins=125, #tiling points = 4
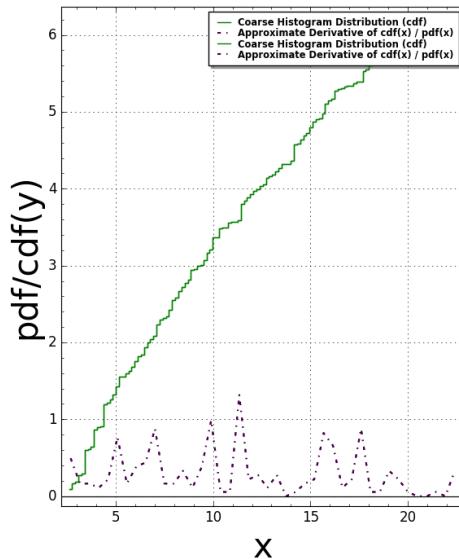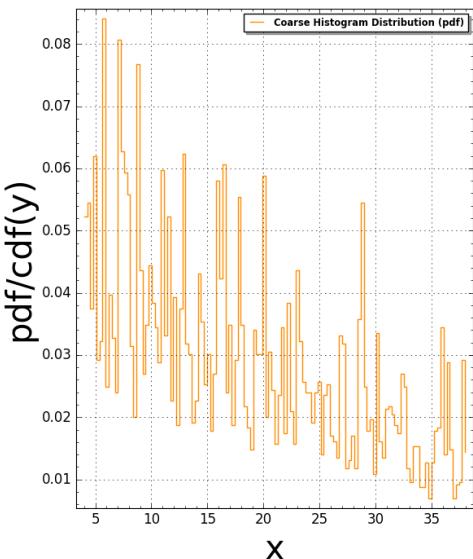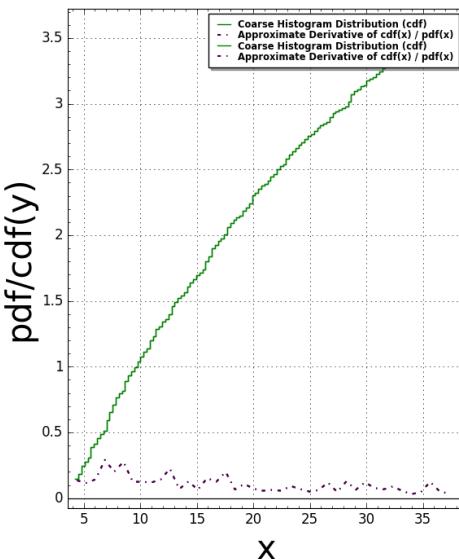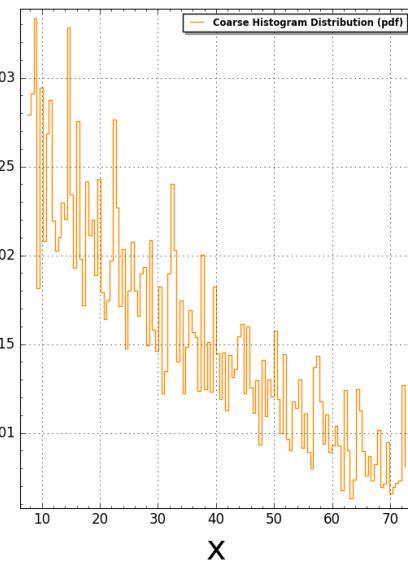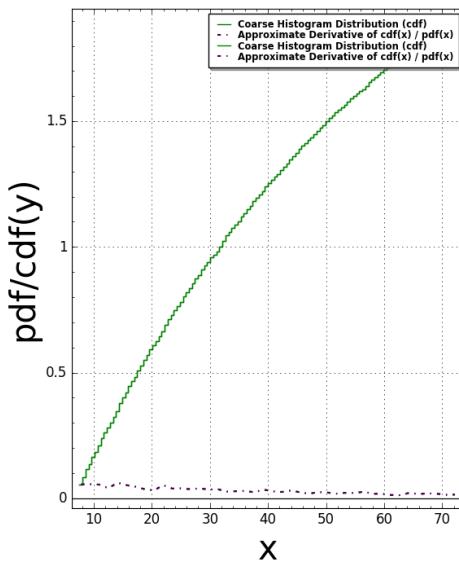Time Taken: 8.87287 sec (0.147881 mins)

Coarse Histogram Distribution (pdf)

Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

Cesi(N:=2) Pair Correlation (Squared):
#bins=125, #tiling points = 13
Time Taken: 52.648 sec (0.877467 mins)

- Coarse Histogram Distribution (pdf)

Cesi(N:=2) Pair Correlation (Squared):
#bins=125, #tiling points = 13
Time Taken: 52.648 sec (0.877467 mins)

- Coarse Histogram Distribution (cdf)
- Approximate Derivative of cdf(x) / pdf(x)
- Coarse Histogram Distribution (cdf)
- Approximate Derivative of cdf(x) / pdf(x)

Cesi(N:=3) Pair Correlation (Squared):
#bins=125, #tiling points = 47
Time Taken: 213.375 sec (3.55625 mins)

- Coarse Histogram Distribution (pdf)

Cesi(N:=3) Pair Correlation (Squared):
#bins=125, #tiling points = 47
Time Taken: 213.375 sec (3.55625 mins)

- Coarse Histogram Distribution (cdf)
- Approximate Derivative of cdf(x) / pdf(x)
- Coarse Histogram Distribution (cdf)
- Approximate Derivative of cdf(x) / pdf(x)

Cesi(N:=4) Pair Correlation (Squared):
#bins=125, #tiling points = 161
Time Taken: 358.684 sec (5.97807 mins)

- Coarse Histogram Distribution (pdf)

Cesi(N:=4) Pair Correlation (Squared):
#bins=125, #tiling points = 161
Time Taken: 358.684 sec (5.97807 mins)

- Coarse Histogram Distribution (cdf)
- Approximate Derivative of cdf(x) / pdf(x)
- Coarse Histogram Distribution (cdf)
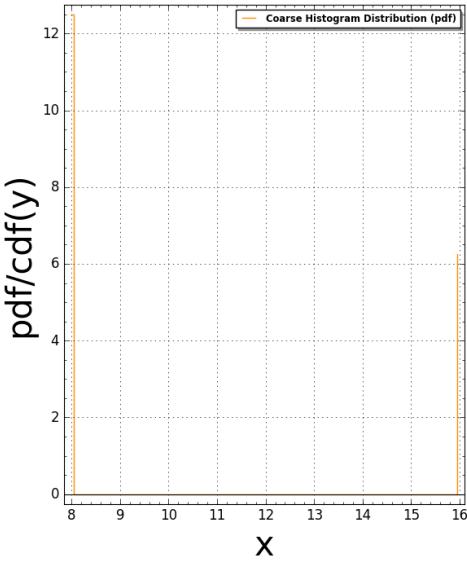- Approximate Derivative of cdf(x) / pdf(x)

Cesi(N:=5) Pair Correlation (Squared):
#bins=125, #tiling points = 555
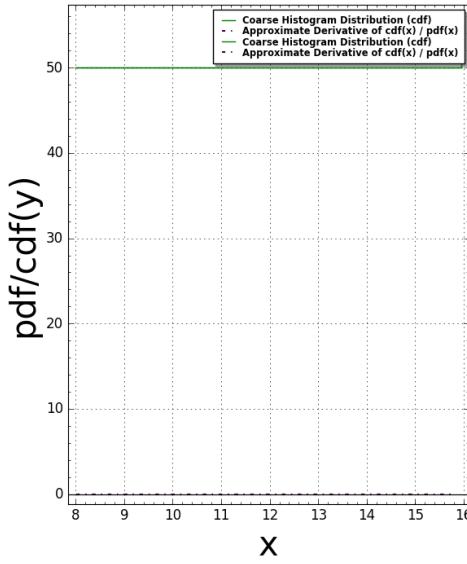Time Taken: 536.079 sec (8.93465 mins)

Cesi(N:=5) Pair Correlation (Squared):
#bins=125, #tiling points = 555
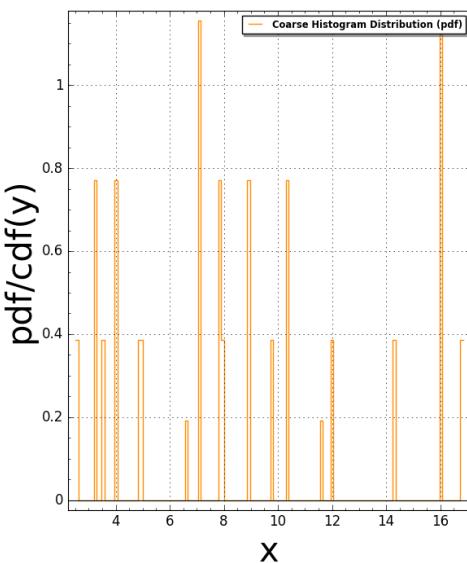Time Taken: 536.079 sec (8.93465 mins)

Cesi(N:=1) Pair Correlation (Squared):
#bins=150, #tiling points = 4
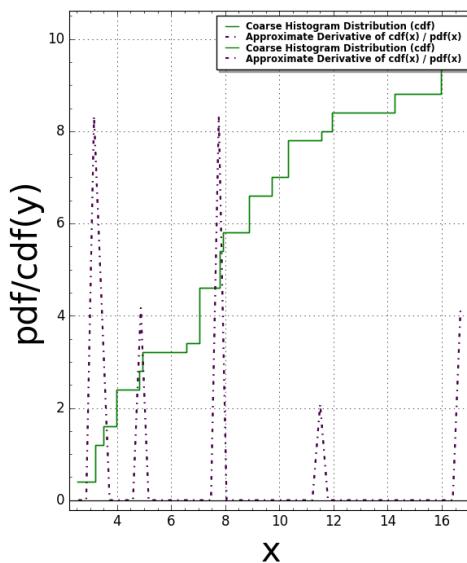Time Taken: 9.62018 sec (0.160336 mins)

Cesi(N:=1) Pair Correlation (Squared):
#bins=150, #tiling points = 4
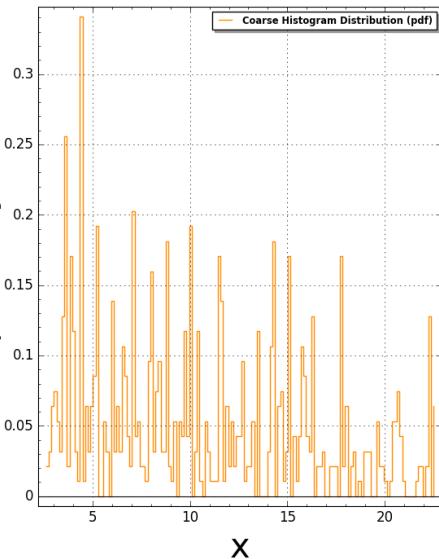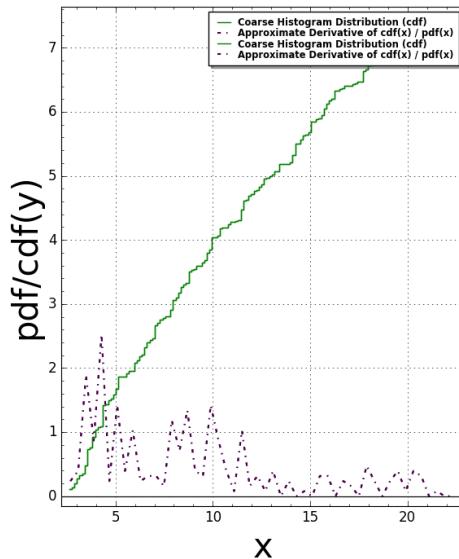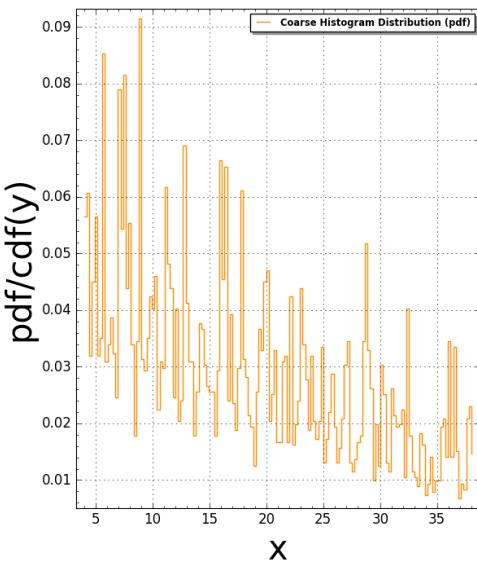Time Taken: 9.62018 sec (0.160336 mins)

Cesi(N:=2) Pair Correlation (Squared):
#bins=150, #tiling points = 13
Time Taken: 53.4987 sec (0.891644 mins)

Cesi(N:=2) Pair Correlation (Squared):
#bins=150, #tiling points = 13
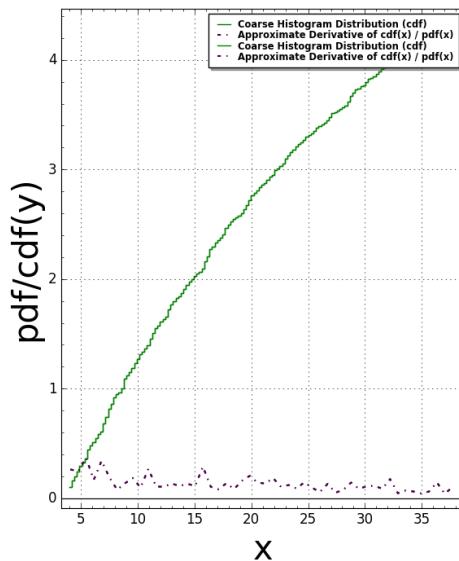Time Taken: 53.4987 sec (0.891644 mins)

Cesi(N:=3) Pair Correlation (Squared):
#bins=150, #tiling points = 47
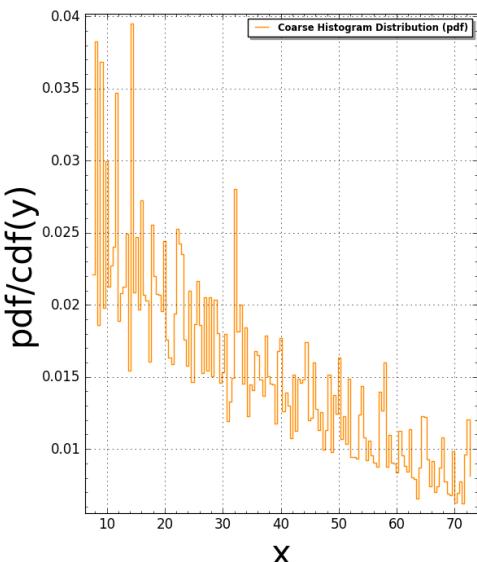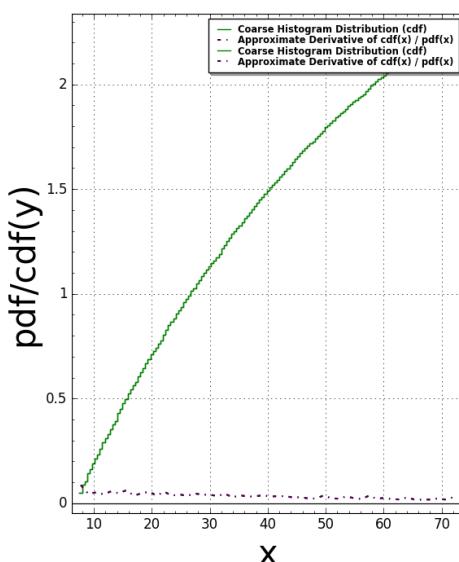Time Taken: 214.112 sec (3.56853 mins)

Cesi(N:=4) Pair Correlation (Squared):
#bins=150, #tiling points = 161
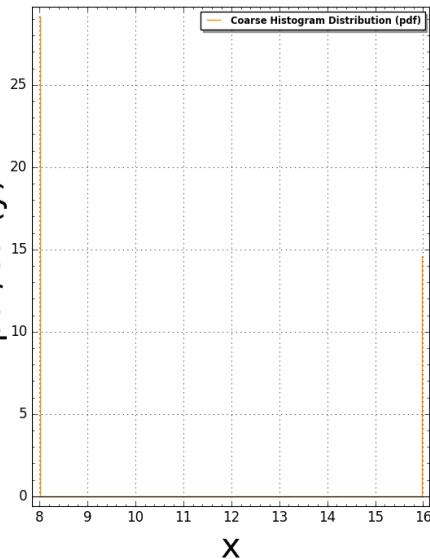Time Taken: 359.38 sec (5.98967 mins)

Cesi(N:=5) Pair Correlation (Squared):
#bins=150, #tiling points = 555
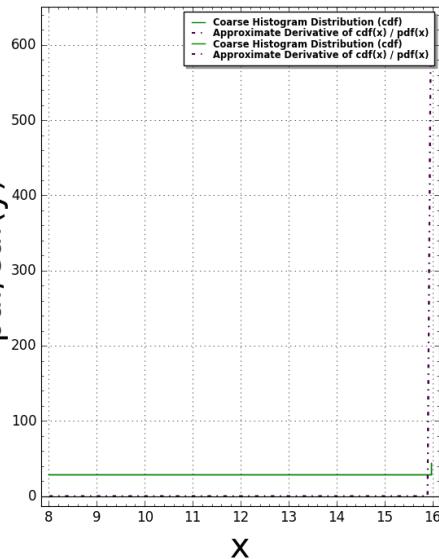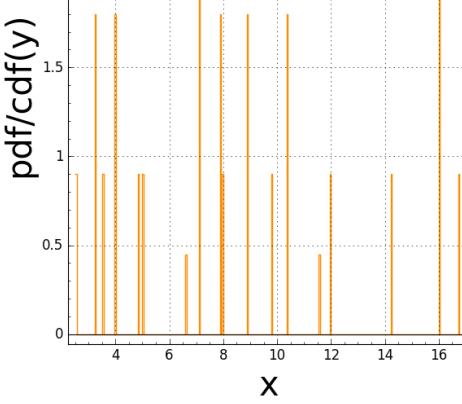Time Taken: 536.761 sec (8.94601 mins)

Cesi(N:=1) Pair Correlation (Squared):
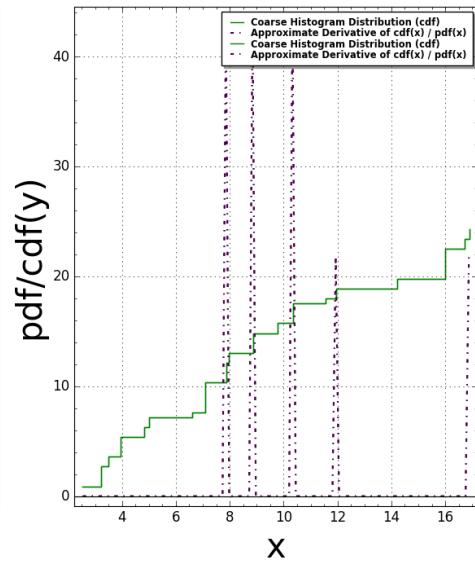#bins=350, #tiling points = 4
Time Taken: 11.7619 sec (0.196031 mins)

Cesi(N:=1) Pair Correlation (Squared):
#bins=350, #tiling points = 4
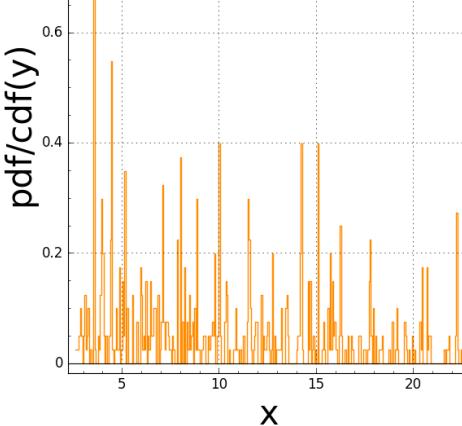Time Taken: 11.7619 sec (0.196031 mins)

Cesi(N:=2) Pair Correlation (Squared):
#bins=350, #tiling points = 13
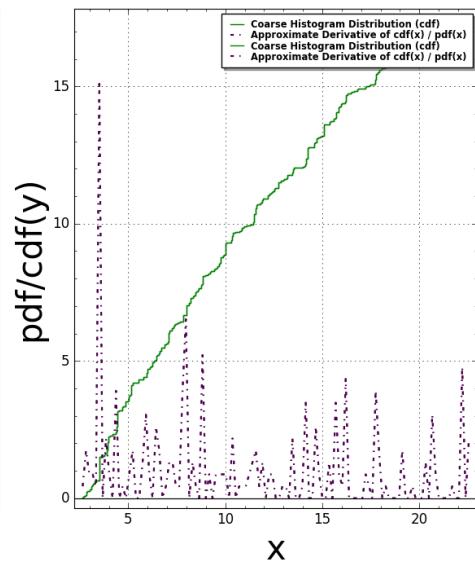Time Taken: 56.3324 sec (0.938874 mins)

Cesi(N:=2) Pair Correlation (Squared):
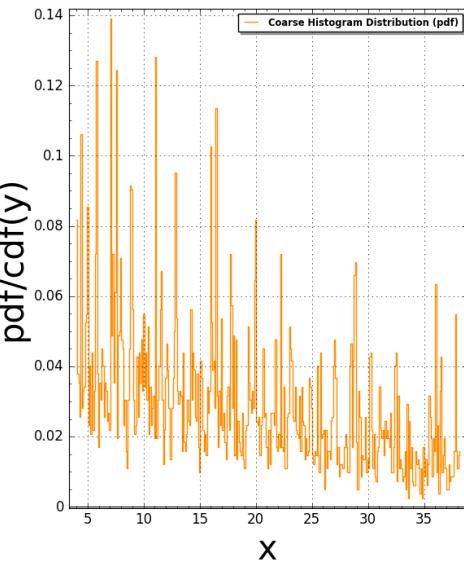#bins=350, #tiling points = 13
Time Taken: 56.3324 sec (0.938874 mins)

Cesi(N:=3) Pair Correlation (Squared):
#bins=350, #tiling points = 47
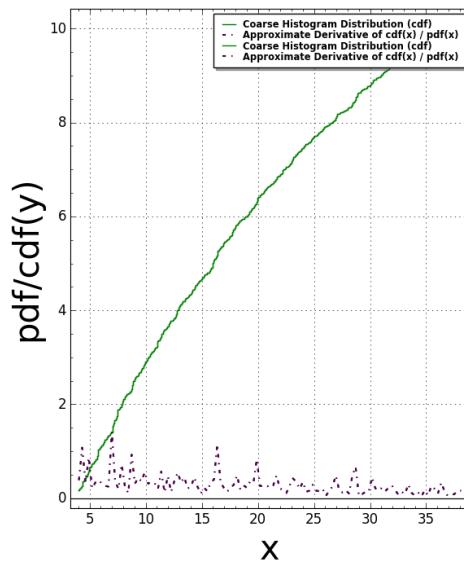Time Taken: 216.493 sec (3.60822 mins)

Cesi(N:=3) Pair Correlation (Squared):
#bins=350, #tiling points = 47
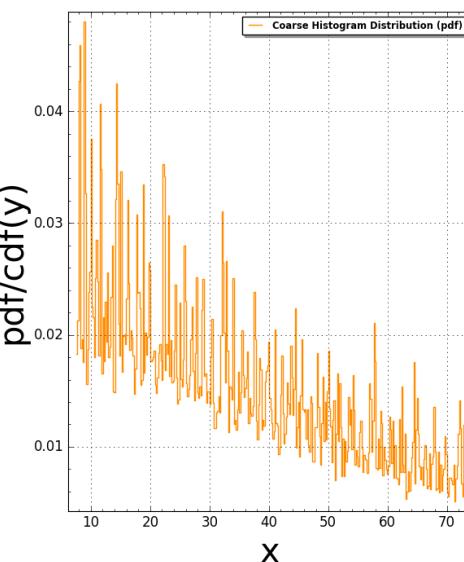Time Taken: 216.493 sec (3.60822 mins)

Cesi(N:=4) Pair Correlation (Squared):
#bins=350, #tiling points = 161
Time Taken: 361.449 sec (6.02414 mins)

Cesi(N:=4) Pair Correlation (Squared):
#bins=350, #tiling points = 161
Time Taken: 361.449 sec (6.02414 mins)

Cesi(N:=5) Pair Correlation (Squared):
#bins=350, #tiling points = 555
Time Taken: 539.074 sec (8.98457 mins)

Cesi(N:=5) Pair Correlation (Squared):
#bins=350, #tiling points = 555
Time Taken: 539.074 sec (8.98457 mins)