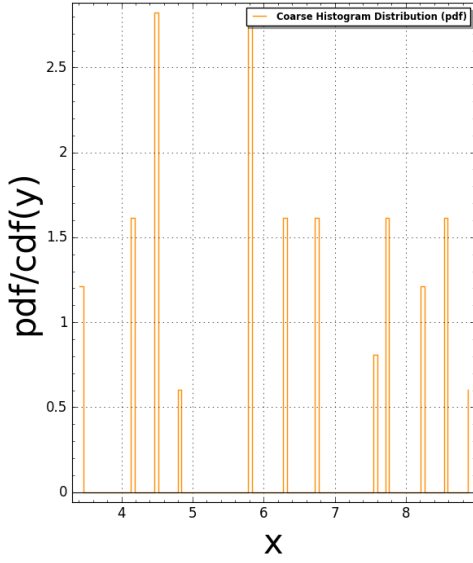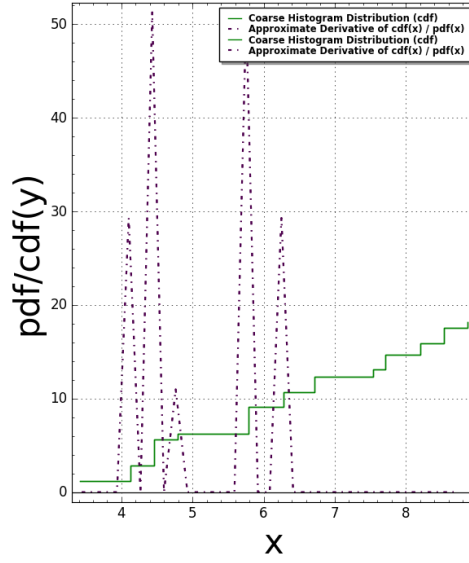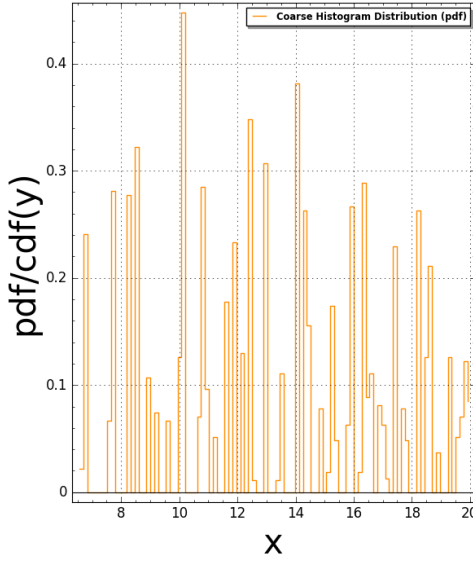AmmannOctagon(N:=1) Pair Correlation:
#bins=100, #tiling points = 33
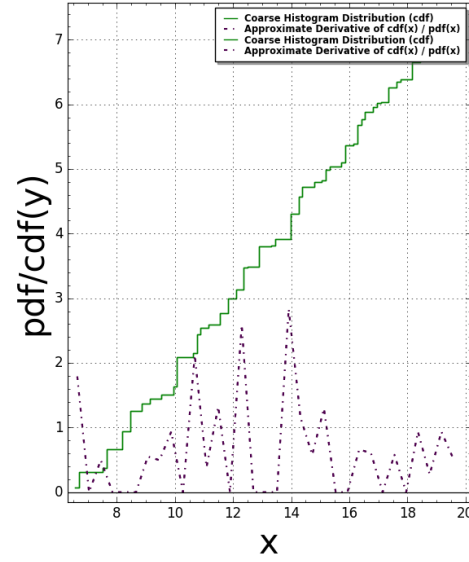Time Taken: 4.9145 sec (0.0819084 mins)

AmmannOctagon(N:=1) Pair Correlation:
#bins=100, #tiling points = 33
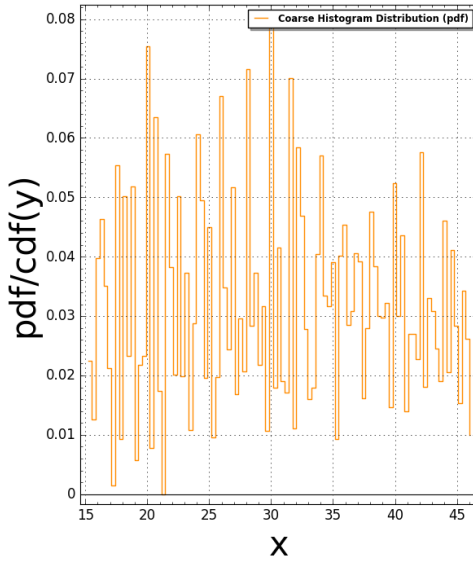Time Taken: 4.9145 sec (0.0819084 mins)

AmmannOctagon(N:=2) Pair Correlation:
#bins=100, #tiling points = 157
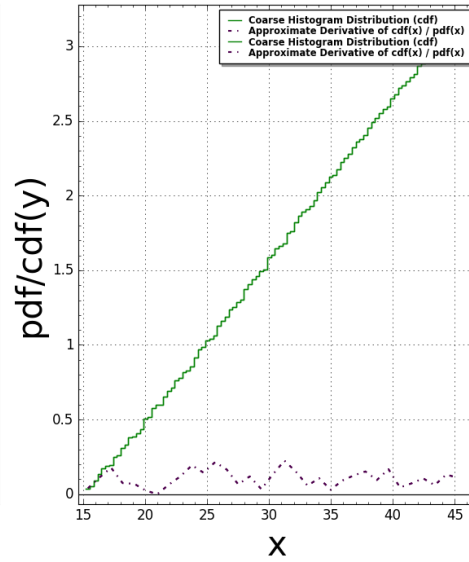Time Taken: 11.1879 sec (0.186465 mins)

AmmannOctagon(N:=2) Pair Correlation:
#bins=100, #tiling points = 157
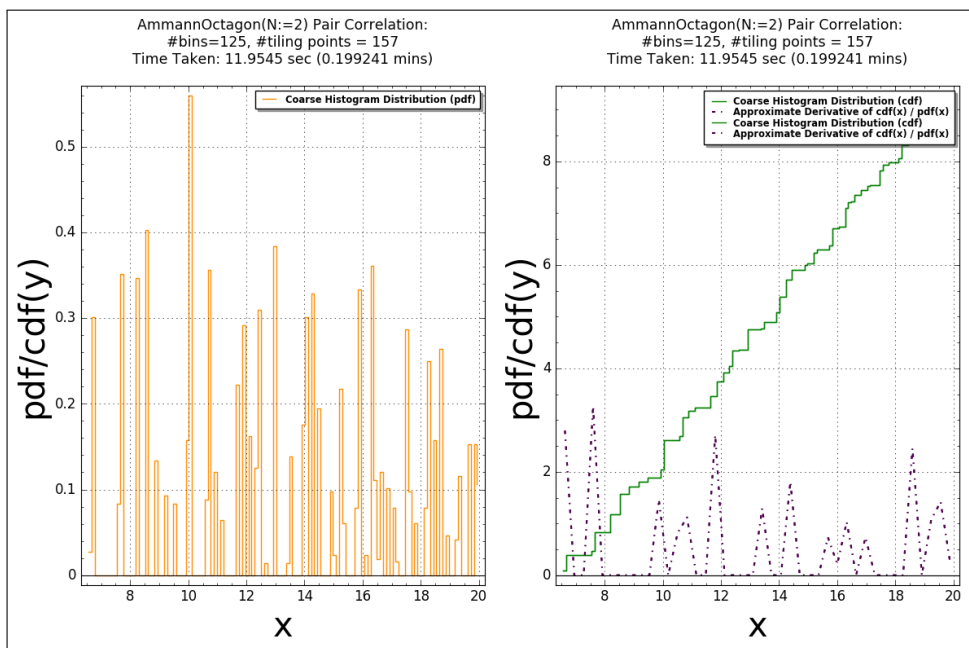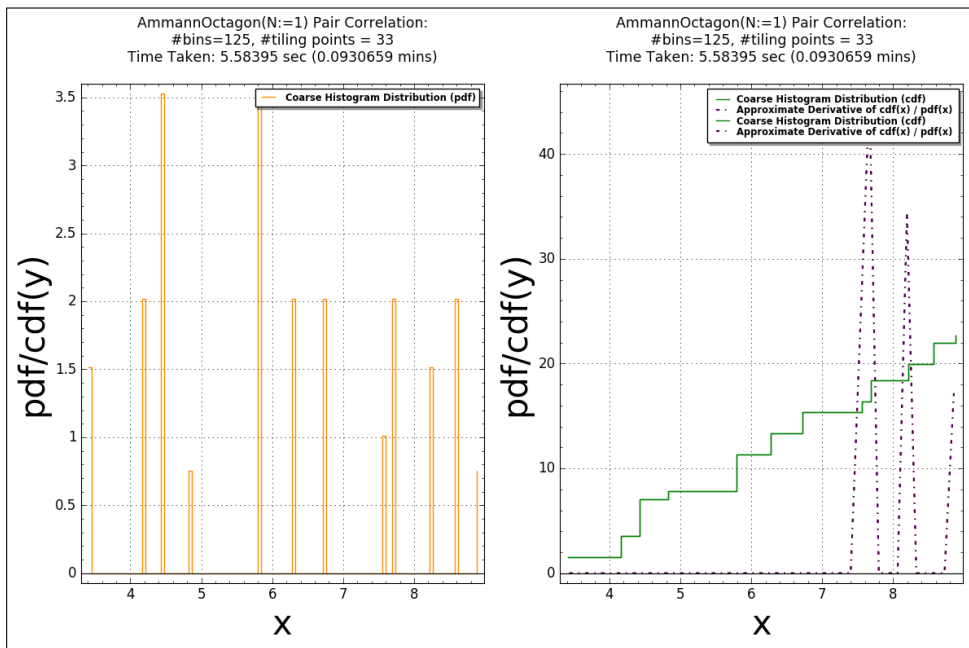Time Taken: 11.1879 sec (0.186465 mins)

AmmannOctagon(N:=3) Pair Correlation:
#bins=100, #tiling points = 901
Time Taken: 39.3052 sec (0.655086 mins)

AmmannOctagon(N:=3) Pair Correlation:
#bins=100, #tiling points = 901
Time Taken: 39.3052 sec (0.655086 mins)

AmmannOctagon(N:=4) Pair Correlation:
#bins=100, #tiling points = 5051
Time Taken: 581.827 sec (9.69712 mins)

AmmannOctagon(N:=4) Pair Correlation:
#bins=100, #tiling points = 5051
Time Taken: 581.827 sec (9.69712 mins)

AmmannOctagon(N:=1) Pair Correlation:
#bins=125, #tiling points = 33
Time Taken: 5.58395 sec (0.0930659 mins)

AmmannOctagon(N:=1) Pair Correlation:
#bins=125, #tiling points = 33
Time Taken: 5.58395 sec (0.0930659 mins)

AmmannOctagon(N:=2) Pair Correlation:
#bins=125, #tiling points = 157
Time Taken: 11.9545 sec (0.199241 mins)

AmmannOctagon(N:=2) Pair Correlation:
#bins=125, #tiling points = 157
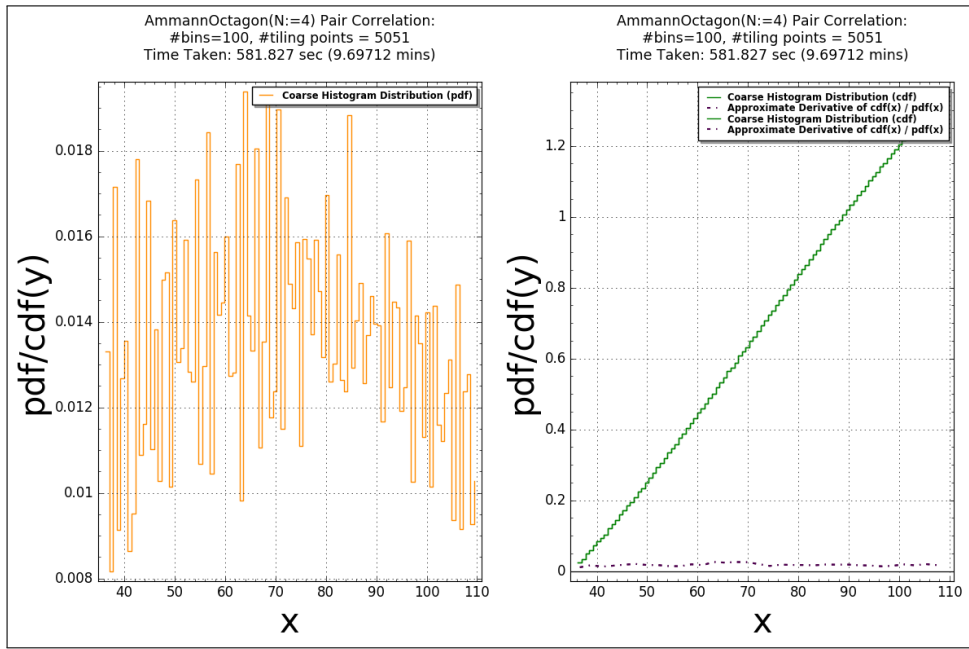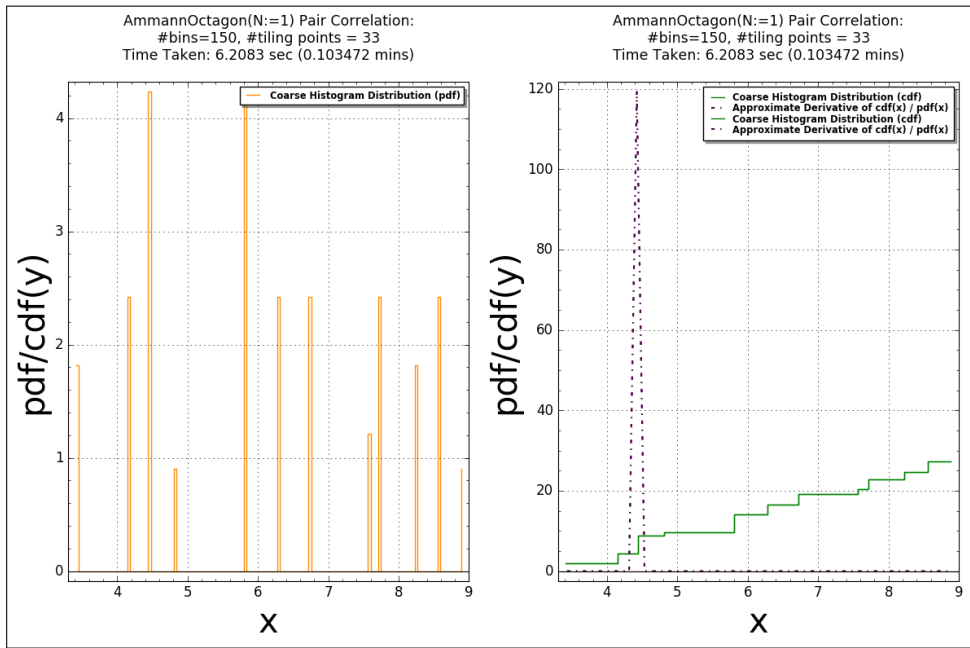Time Taken: 11.9545 sec (0.199241 mins)

AmmannOctagon(N:=3) Pair Correlation:
#bins=125, #tiling points = 901
Time Taken: 40.5821 sec (0.676369 mins)

AmmannOctagon(N:=4) Pair Correlation:
#bins=125, #tiling points = 5051
Time Taken: 595.558 sec (9.92597 mins)

AmmannOctagon(N:=1) Pair Correlation:
#bins=150, #tiling points = 33
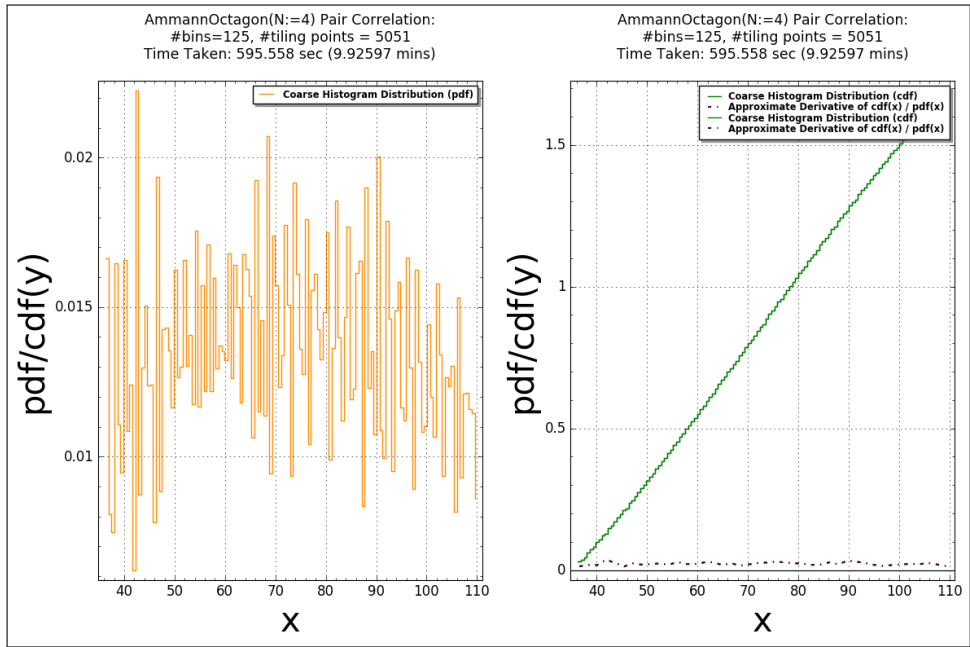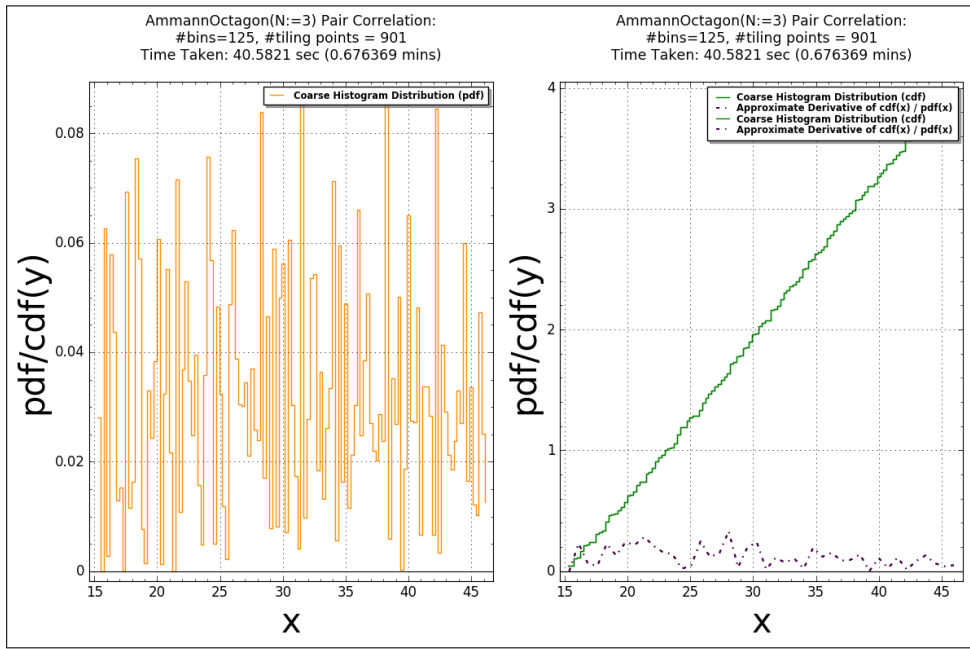Time Taken: 6.2083 sec (0.103472 mins)

AmmannOctagon(N:=2) Pair Correlation:
#bins=150, #tiling points = 157
Time Taken: 12.7431 sec (0.212385 mins)

AmmannOctagon(N:=2) Pair Correlation:
#bins=150, #tiling points = 157
Time Taken: 12.7431 sec (0.212385 mins)

Coarse Histogram Distribution (pdf)

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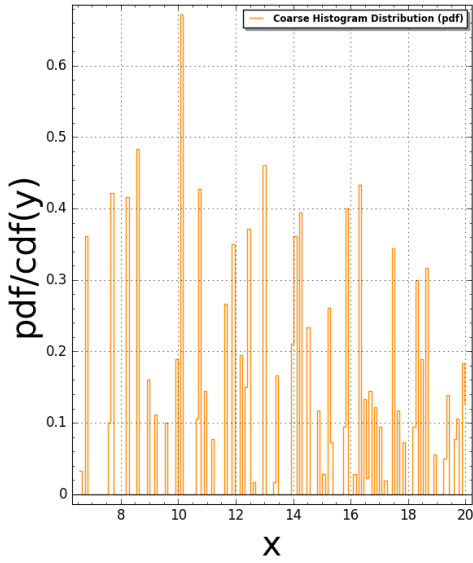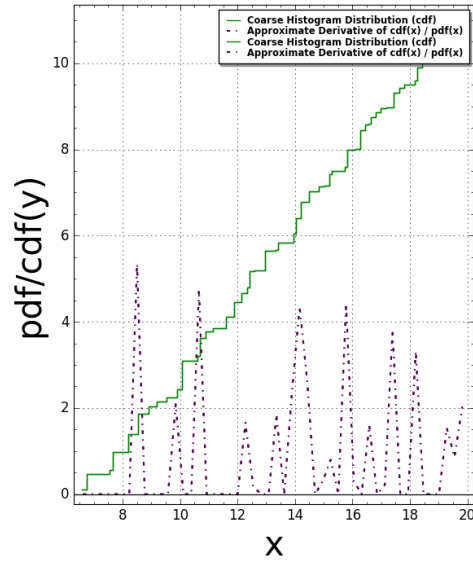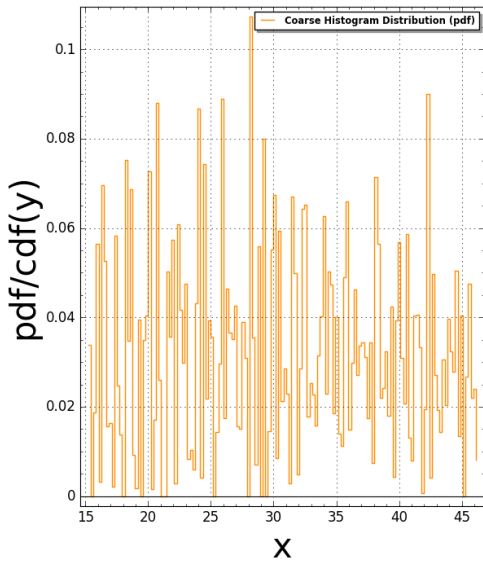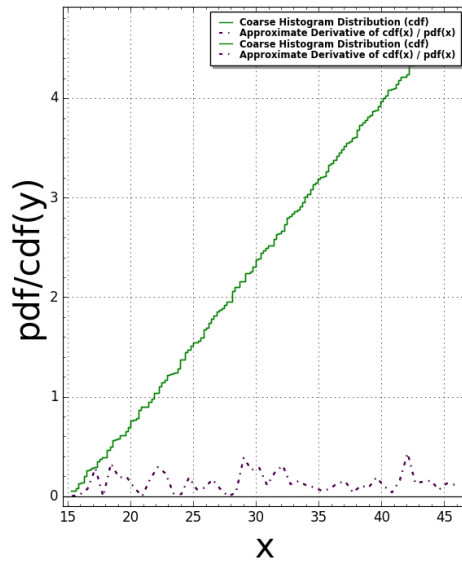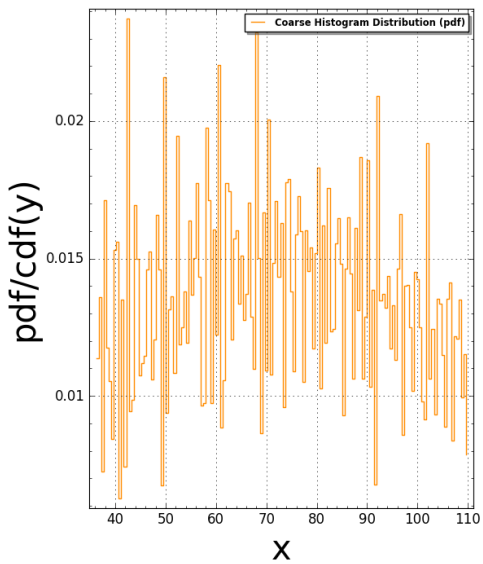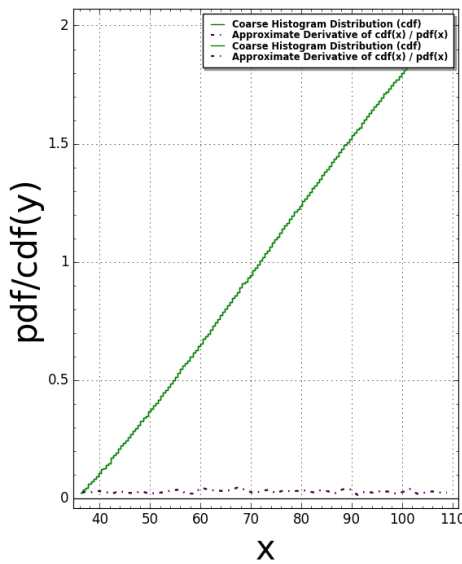Approximate Derivative of cdf(x) / pdf(x)

AmmannOctagon(N:=3) Pair Correlation:
#bins=150, #tiling points = 901
Time Taken: 41.9025 sec (0.698375 mins)

AmmannOctagon(N:=3) Pair Correlation:
#bins=150, #tiling points = 901
Time Taken: 41.9025 sec (0.698375 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)

AmmannOctagon(N:=4) Pair Correlation:
#bins=150, #tiling points = 5051
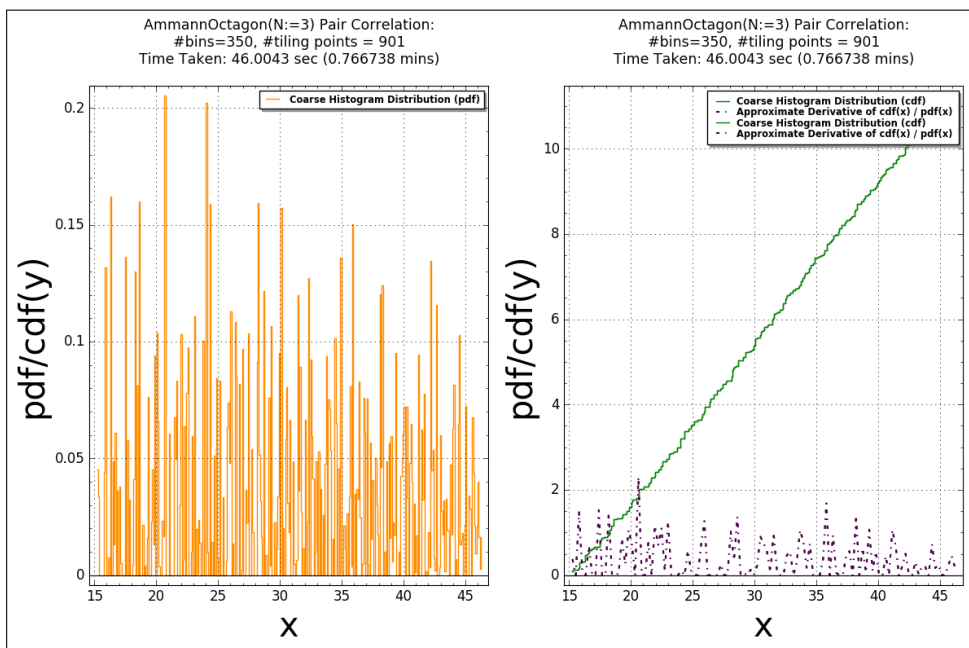Time Taken: 609.338 sec (10.1556 mins)

AmmannOctagon(N:=4) Pair Correlation:
#bins=150, #tiling points = 5051
Time Taken: 609.338 sec (10.1556 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)

AmmannOctagon(N:=1) Pair Correlation:
#bins=350, #tiling points = 33
Time Taken: 8.8396 sec (0.147327 mins)

AmmannOctagon(N:=1) Pair Correlation:
#bins=350, #tiling points = 33
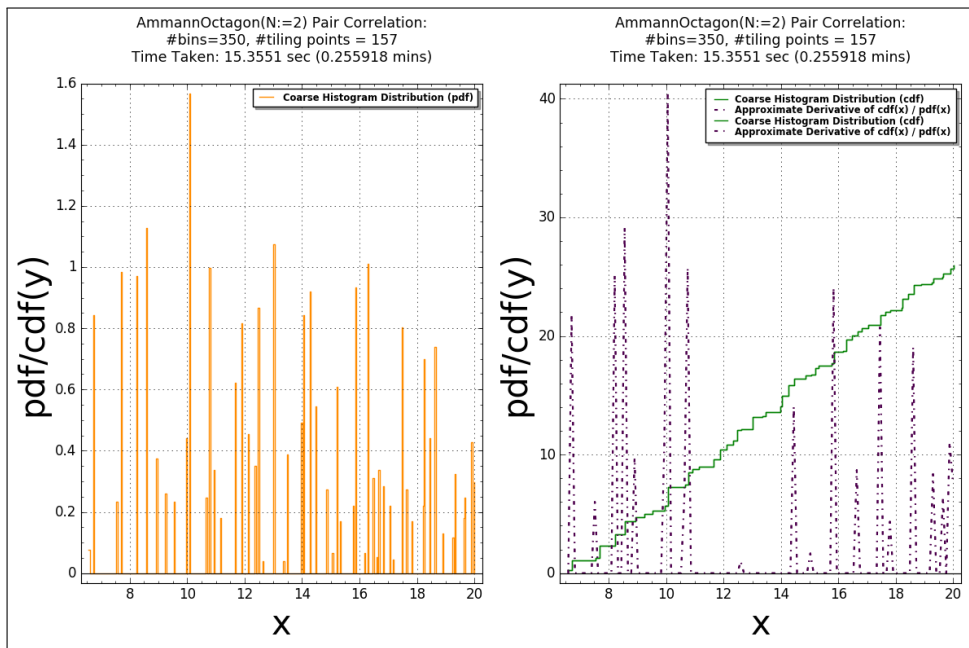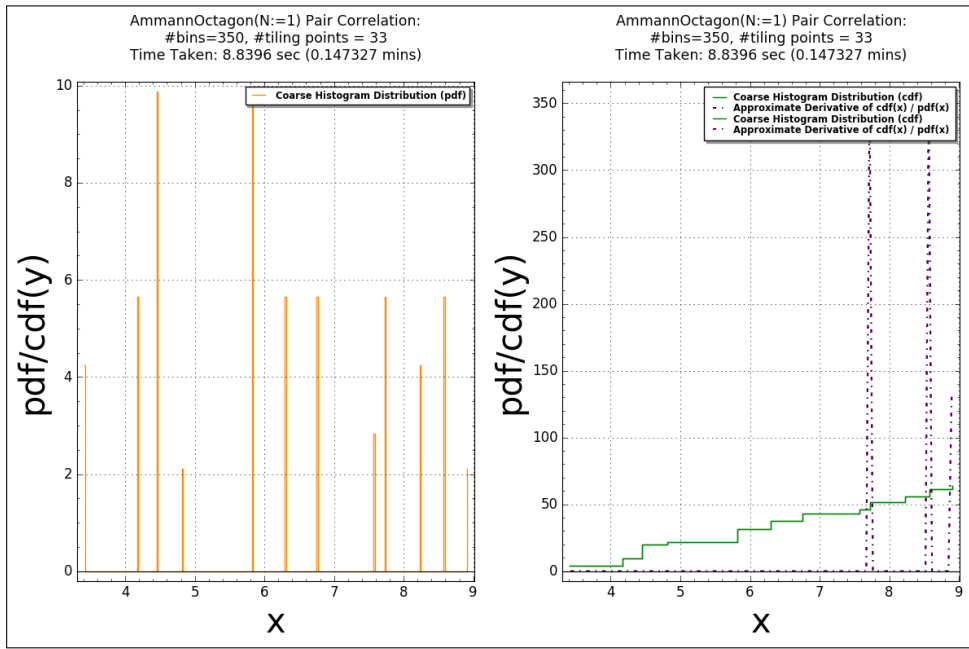Time Taken: 8.8396 sec (0.147327 mins)

AmmannOctagon(N:=2) Pair Correlation:
#bins=350, #tiling points = 157
Time Taken: 15.3551 sec (0.255918 mins)

AmmannOctagon(N:=2) Pair Correlation:
#bins=350, #tiling points = 157
Time Taken: 15.3551 sec (0.255918 mins)

AmmannOctagon(N:=3) Pair Correlation:
#bins=350, #tiling points = 901
Time Taken: 46.0043 sec (0.766738 mins)

AmmannOctagon(N:=3) Pair Correlation:
#bins=350, #tiling points = 901
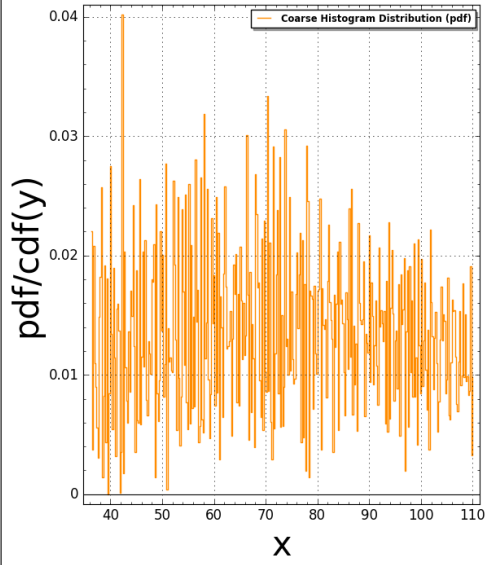Time Taken: 46.0043 sec (0.766738 mins)

AmmannOctagon(N:=4) Pair Correlation:
#bins=350, #tiling points = 5051
Time Taken: 656.467 sec (10.9411 mins)

AmmannOctagon(N:=4) Pair Correlation:
#bins=350, #tiling points = 5051
Time Taken: 656.467 sec (10.9411 mins)