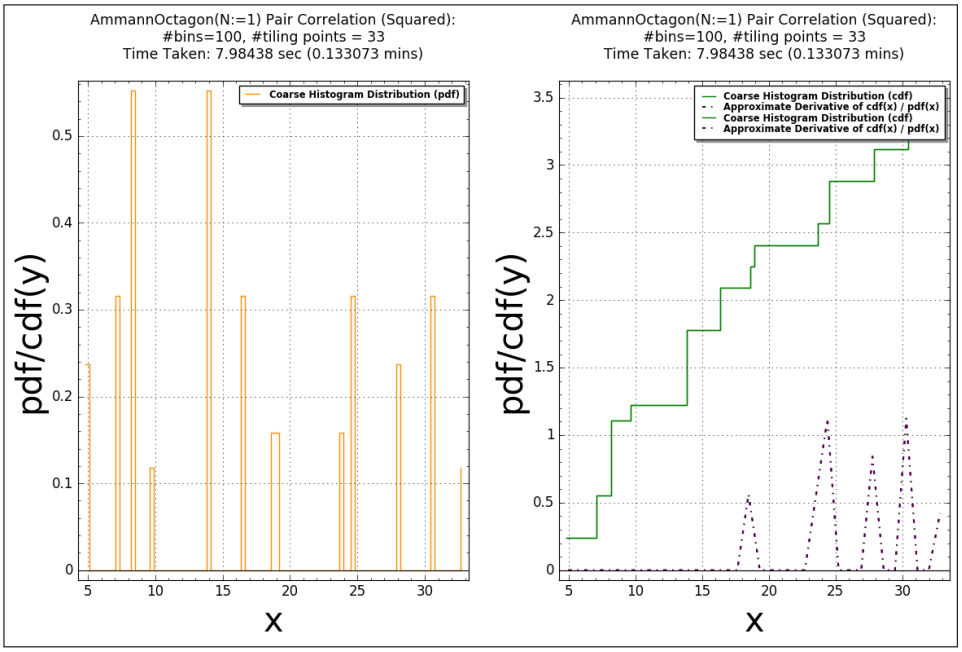
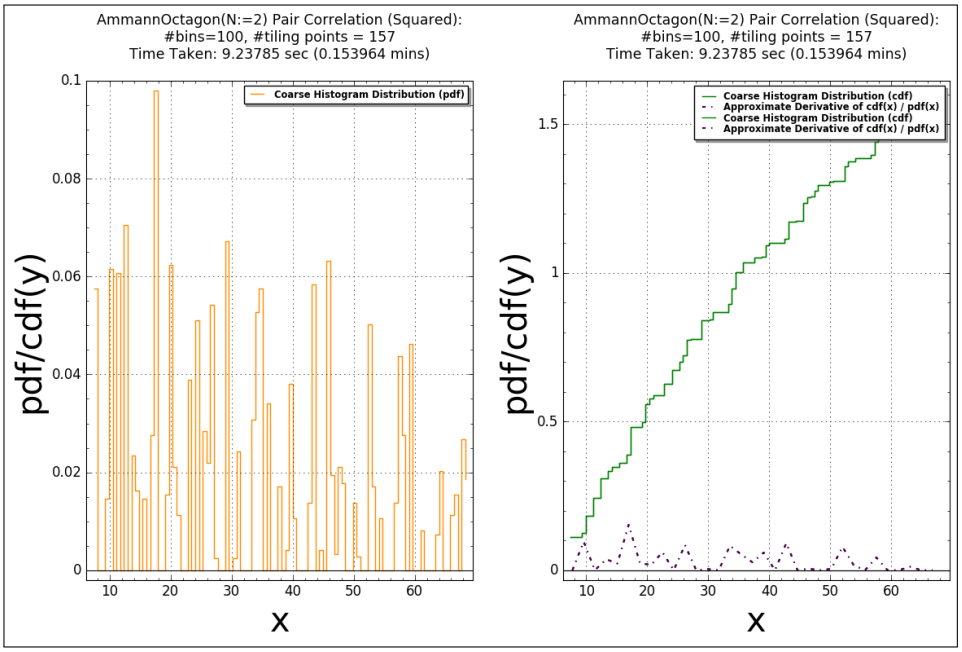
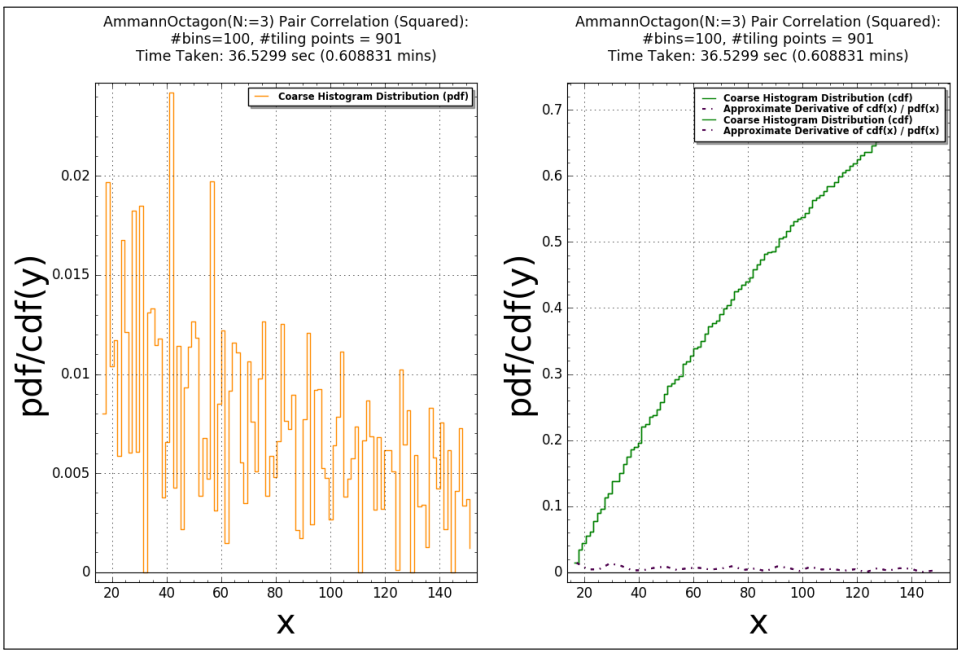
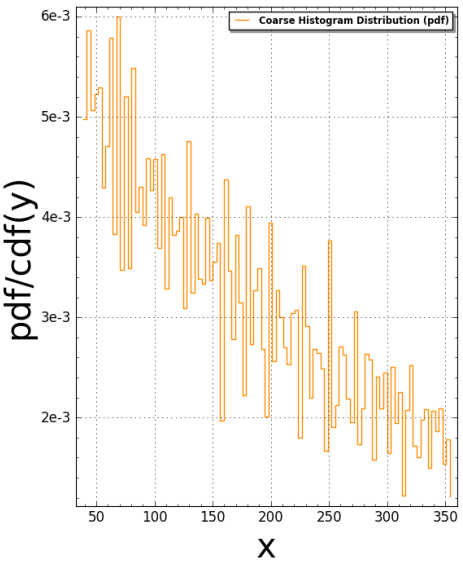

AmmannOctagon(N:=1) Pair Correlation (Squared):
#bins=100, #tiling points = 33
Time Taken: 7.98438 sec (0.133073 mins)
Coarse Histogram Distribution (pdf)
pdf/cdf(y)
x
AmmannOctagon(N:=1) Pair Correlation (Squared):
#bins=100, #tiling points = 33
Time Taken: 7.98438 sec (0.133073 mins)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
pdf/cdf(y)
x

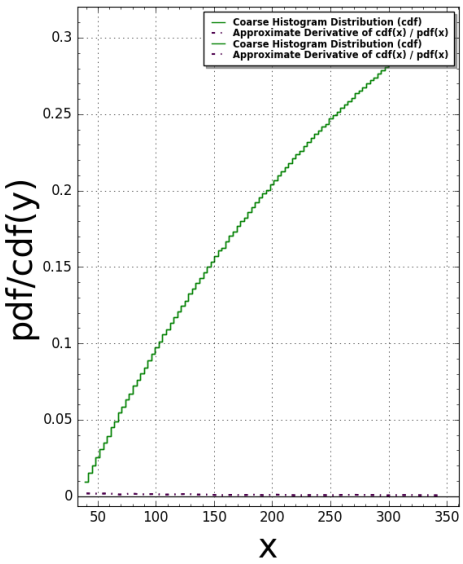

AmmannOctagon(N:=2) Pair Correlation (Squared):
#bins=100, #tiling points = 157
Time Taken: 9.23785 sec (0.153964 mins)
Coarse Histogram Distribution (pdf)
pdf/cdf(y)
x
AmmannOctagon(N:=2) Pair Correlation (Squared):
#bins=100, #tiling points = 157
Time Taken: 9.23785 sec (0.153964 mins)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
pdf/cdf(y)
x


AmmannOctagon(N:=3) Pair Correlation (Squared):
#bins=100, #tiling points = 901
Time Taken: 36.5299 sec (0.608831 mins)
Coarse Histogram Distribution (pdf)
pdf/cdf(y)
x
AmmannOctagon(N:=3) Pair Correlation (Squared):
#bins=100, #tiling points = 901
Time Taken: 36.5299 sec (0.608831 mins)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
pdf/cdf(y)
x

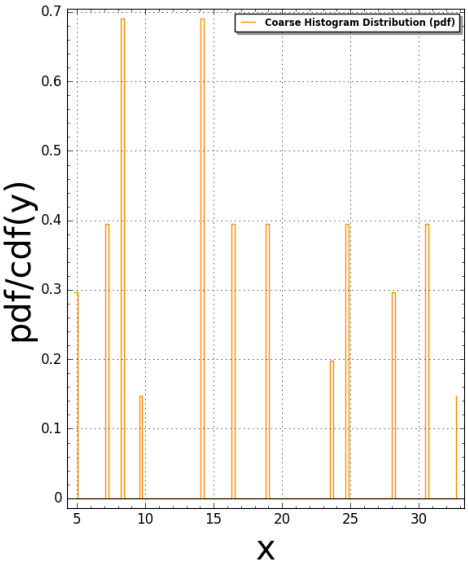
AmmannOctagon(N:=4) Pair Correlation (Squared):
#bins=100, #tiling points = 5051
Time Taken: 493.663 sec (8.22772 mins)



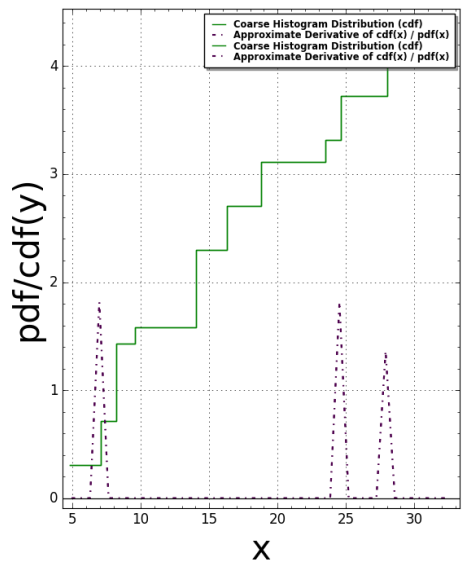
AmmannOctagon(N:=4) Pair Correlation (Squared):
#bins=100, #tiling points = 5051
Time Taken: 493.663 sec (8.22772 mins)



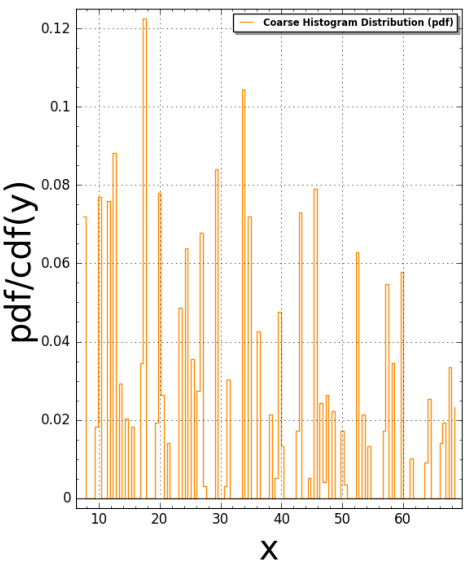
AmmannOctagon(N:=1) Pair Correlation (Squared):
#bins=125, #tiling points = 33
Time Taken: 8.73064 sec (0.145511 mins)



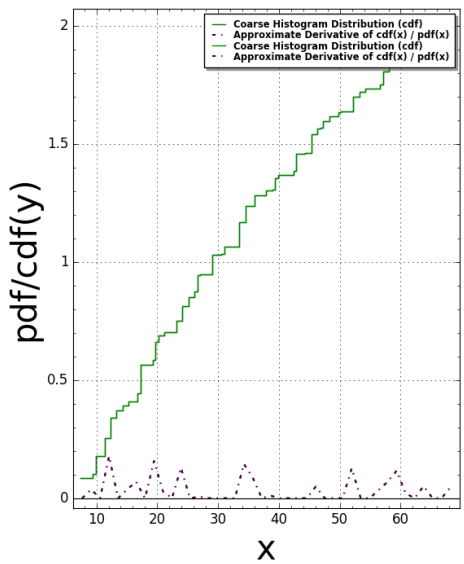
AmmannOctagon(N:=1) Pair Correlation (Squared):
#bins=125, #tiling points = 33
Time Taken: 8.73064 sec (0.145511 mins)



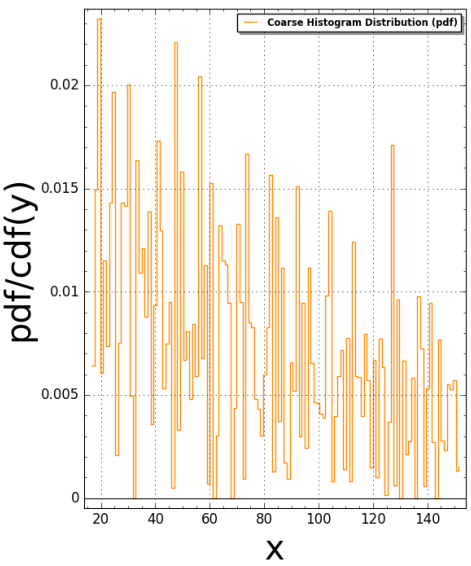
AmmannOctagon(N:=2) Pair Correlation (Squared):
#bins=125, #tiling points = 157
Time Taken: 10.045 sec (0.167416 mins)



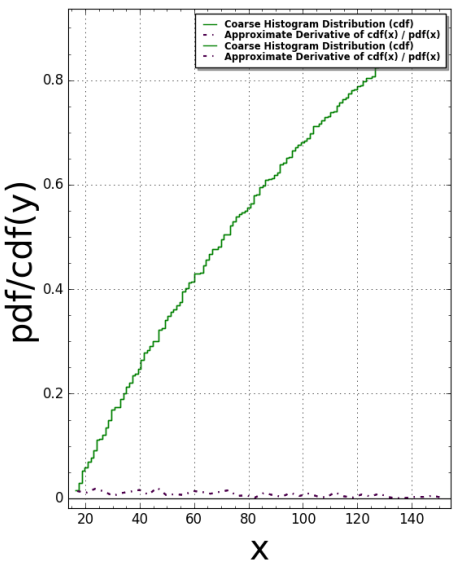
AmmannOctagon(N:=2) Pair Correlation (Squared):
#bins=125, #tiling points = 157
Time Taken: 10.045 sec (0.167416 mins)



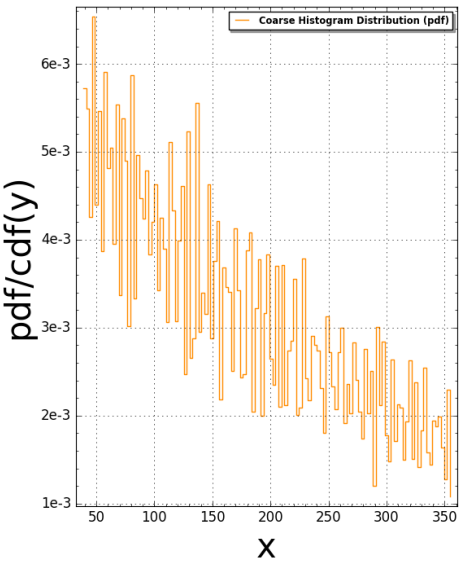
AmmannOctagon(N:=3) Pair Correlation (Squared):
#bins=125, #tiling points = 901
Time Taken: 38.4249 sec (0.640415 mins)



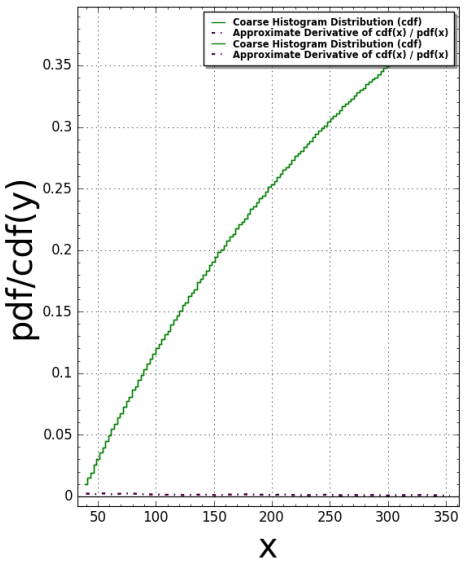
AmmannOctagon(N:=3) Pair Correlation (Squared):
#bins=125, #tiling points = 901
Time Taken: 38.4249 sec (0.640415 mins)



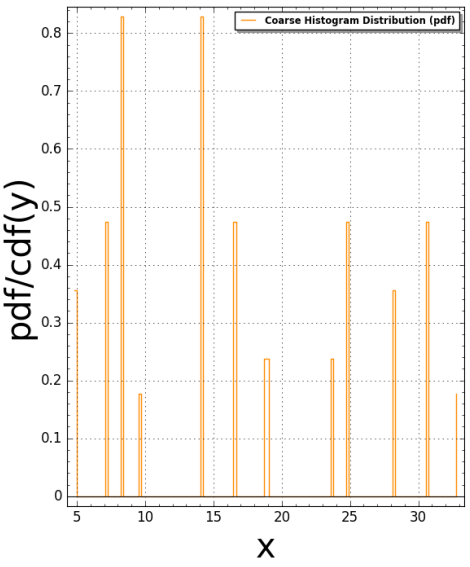
AmmannOctagon(N:=4) Pair Correlation (Squared):
#bins=125, #tiling points = 5051
Time Taken: 504.648 sec (8.4108 mins)



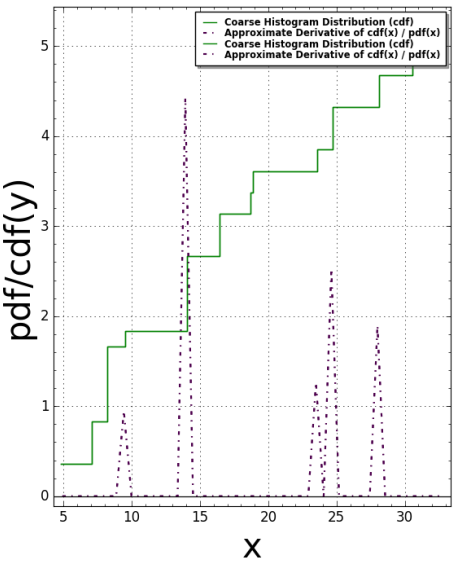
AmmannOctagon(N:=4) Pair Correlation (Squared):
#bins=125, #tiling points = 5051
Time Taken: 504.648 sec (8.4108 mins)

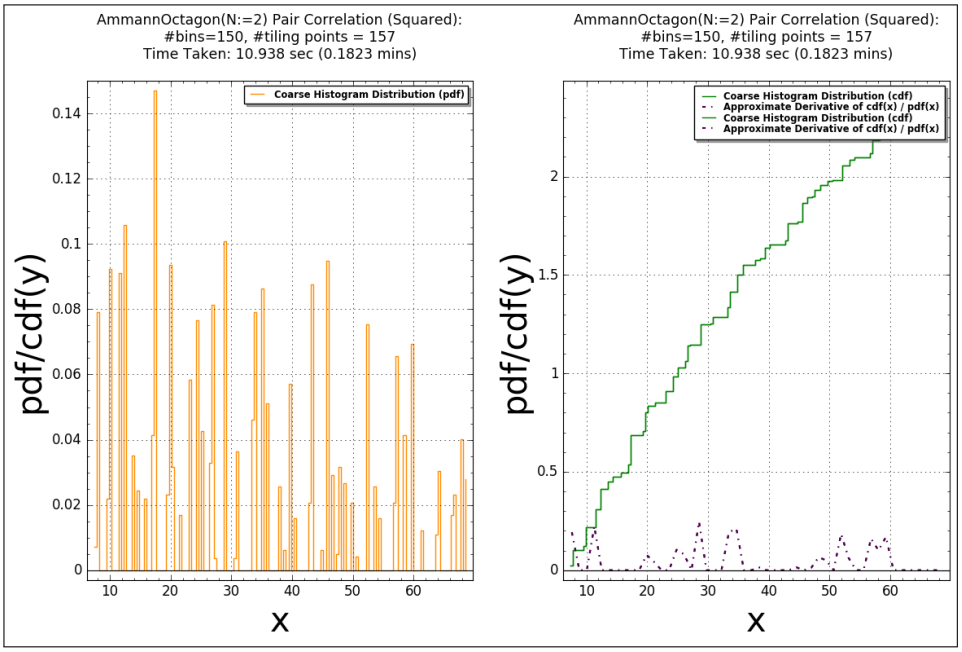


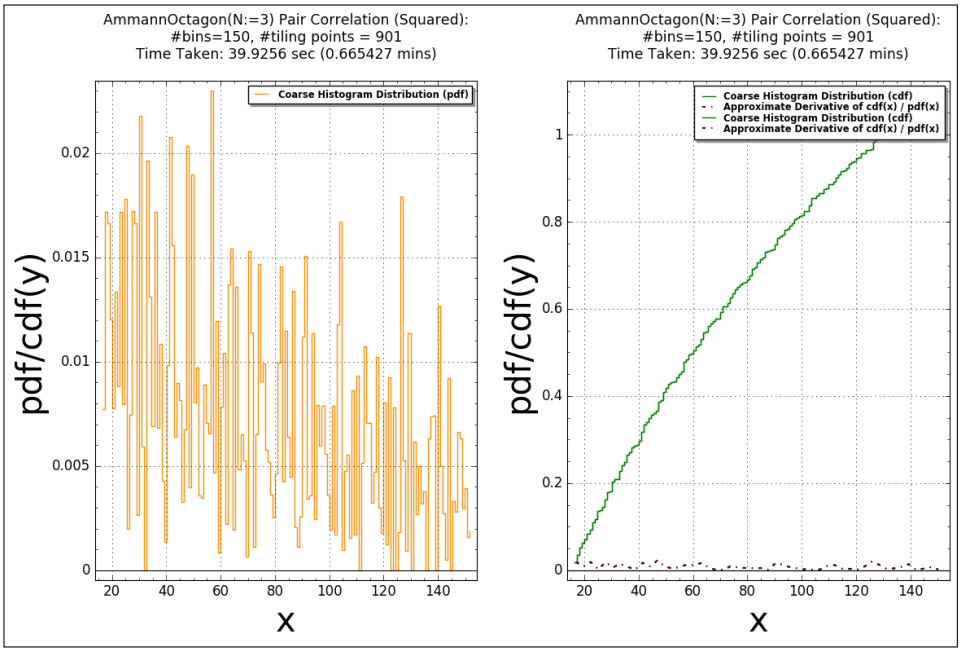
AmmannOctagon(N:=1) Pair Correlation (Squared):
#bins=150, #tiling points = 33
Time Taken: 9.53739 sec (0.158956 mins)

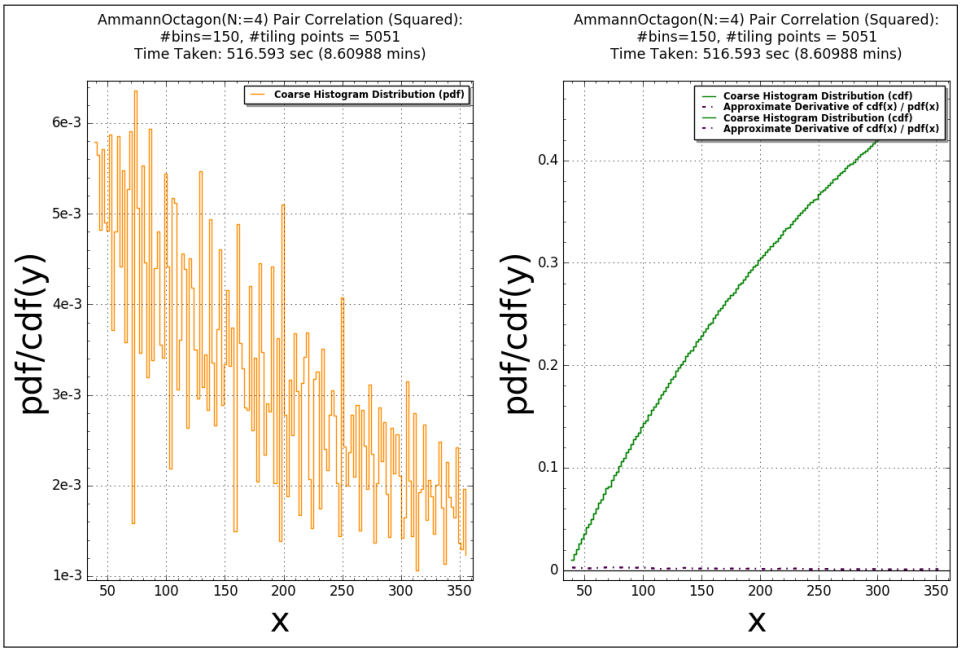


AmmannOctagon(N:=1) Pair Correlation (Squared):
#bins=150, #tiling points = 33
Time Taken: 9.53739 sec (0.158956 mins)

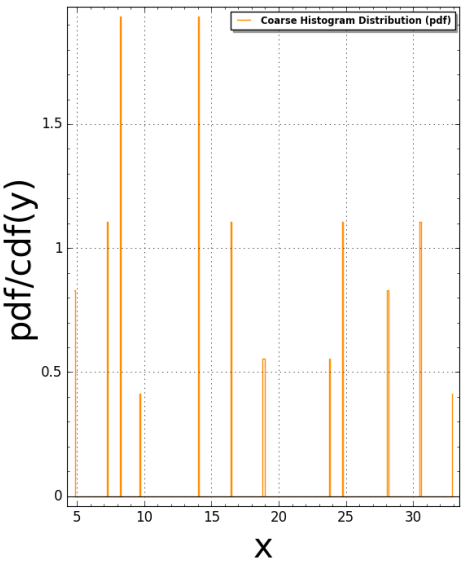



AmmannOctagon(N:=2) Pair Correlation (Squared):
#bins=150, #tiling points = 157
Time Taken: 10.938 sec (0.1823 mins)
Coarse Histogram Distribution (pdf)
pdf/cdf(y)
x
AmmannOctagon(N:=2) Pair Correlation (Squared):
#bins=150, #tiling points = 157
Time Taken: 10.938 sec (0.1823 mins)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
pdf/cdf(y)
x

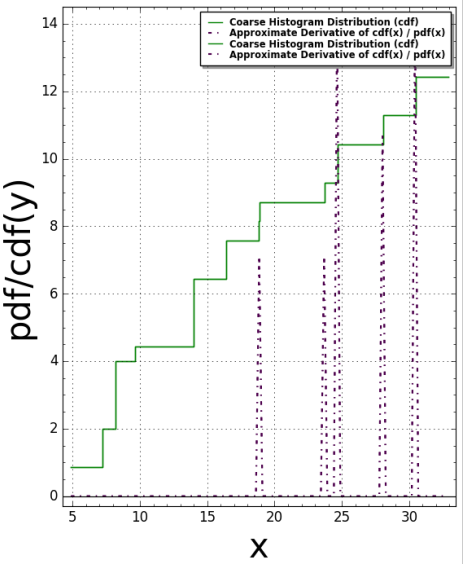

AmmannOctagon(N:=3) Pair Correlation (Squared):
#bins=150, #tiling points = 901
Time Taken: 39.9256 sec (0.665427 mins)
Coarse Histogram Distribution (pdf)
pdf/cdf(y)
x
AmmannOctagon(N:=3) Pair Correlation (Squared):
#bins=150, #tiling points = 901
Time Taken: 39.9256 sec (0.665427 mins)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
pdf/cdf(y)
x


AmmannOctagon(N:=4) Pair Correlation (Squared):
#bins=150, #tiling points = 5051
Time Taken: 516.593 sec (8.60988 mins)
Coarse Histogram Distribution (pdf)
pdf/cdf(y)
x
AmmannOctagon(N:=4) Pair Correlation (Squared):
#bins=150, #tiling points = 5051
Time Taken: 516.593 sec (8.60988 mins)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
pdf/cdf(y)
x

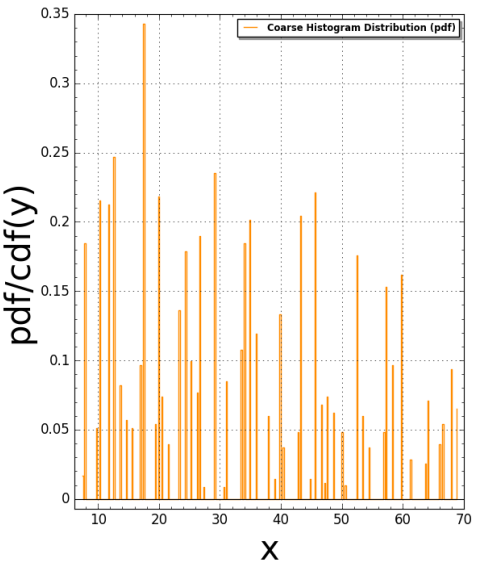
AmmannOctagon(N:=1) Pair Correlation (Squared):
#bins=350, #tiling points = 33
Time Taken: 11.987 sec (0.199784 mins)



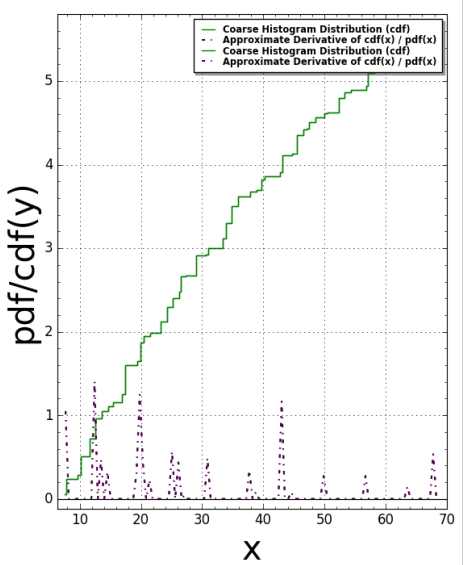
AmmannOctagon(N:=1) Pair Correlation (Squared):
#bins=350, #tiling points = 33
Time Taken: 11.987 sec (0.199784 mins)



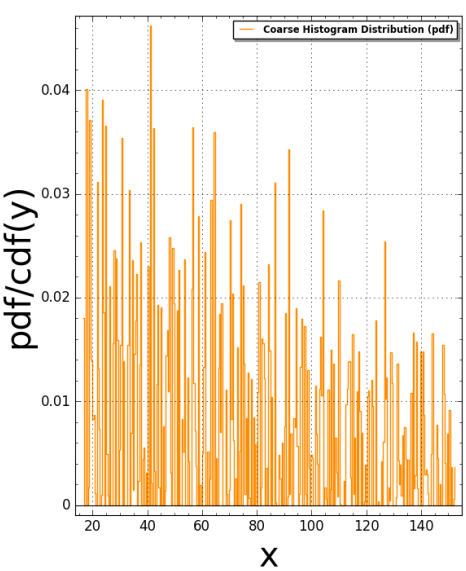
AmmannOctagon(N:=2) Pair Correlation (Squared):
#bins=350, #tiling points = 157
Time Taken: 14.5474 sec (0.242457 mins)



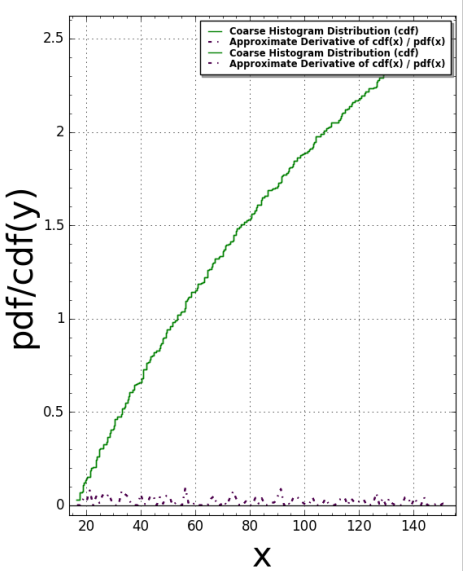
AmmannOctagon(N:=2) Pair Correlation (Squared):
#bins=350, #tiling points = 157
Time Taken: 14.5474 sec (0.242457 mins)

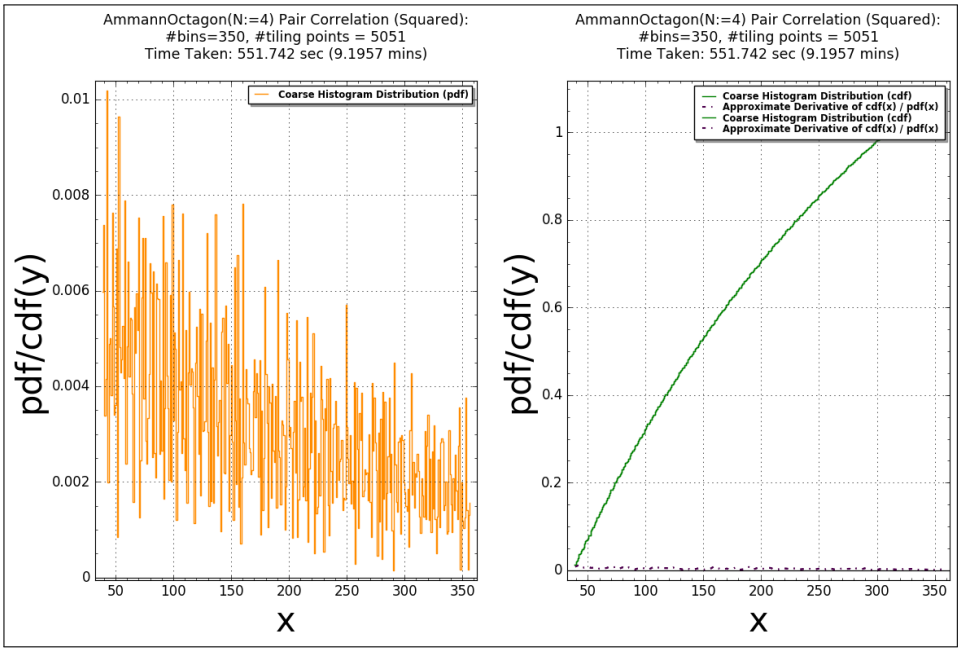


AmmannOctagon(N:=3) Pair Correlation (Squared):
#bins=350, #tiling points = 901
Time Taken: 44.6358 sec (0.743929 mins)



AmmannOctagon(N:=3) Pair Correlation (Squared):
#bins=350, #tiling points = 901
Time Taken: 44.6358 sec (0.743929 mins)




AmmannOctagon(N:=4) Pair Correlation (Squared):
#bins=350, #tiling points = 5051
Time Taken: 551.742 sec (9.1957 mins)
Coarse Histogram Distribution (pdf)
pdf/cdf(y)
x
0.01
0.008
0.006
0.004
0.002
0
50
100
150
200
250
300
350
AmmannOctagon(N:=4) Pair Correlation (Squared):
#bins=350, #tiling points = 5051
Time Taken: 551.742 sec (9.1957 mins)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
pdf/cdf(y)
x
1
0.8
0.6
0.4
0.2
0
50
100
150
200
250
300
350