Trihex(N:=1) Pair Correlation (Squared):
#bins=100, #tiling points = 3
Time Taken: 3.61729 sec (0.0602881 mins)

Trihex(N:=1) Pair Correlation (Squared):
#bins=100, #tiling points = 3
Time Taken: 3.61729 sec (0.0602881 mins)

Trihex(N:=2) Pair Correlation (Squared):
#bins=100, #tiling points = 6
Time Taken: 3.19977 sec (0.0533296 mins)
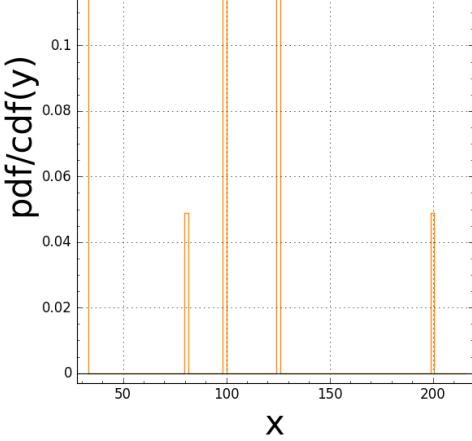
Trihex(N:=2) Pair Correlation (Squared):
#bins=100, #tiling points = 6
Time Taken: 3.19977 sec (0.0533296 mins)
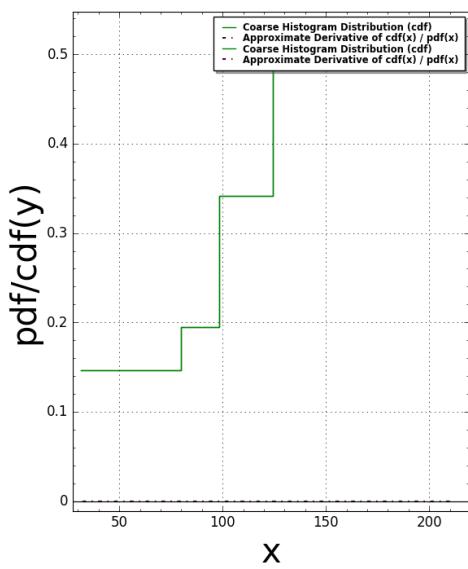
Trihex(N:=3) Pair Correlation (Squared):
#bins=100, #tiling points = 16
Time Taken: 4.1604 sec (0.0693399 mins)
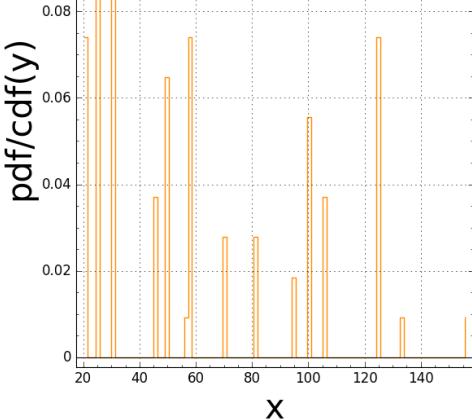
Trihex(N:=3) Pair Correlation (Squared):
#bins=100, #tiling points = 16
Time Taken: 4.1604 sec (0.0693399 mins)
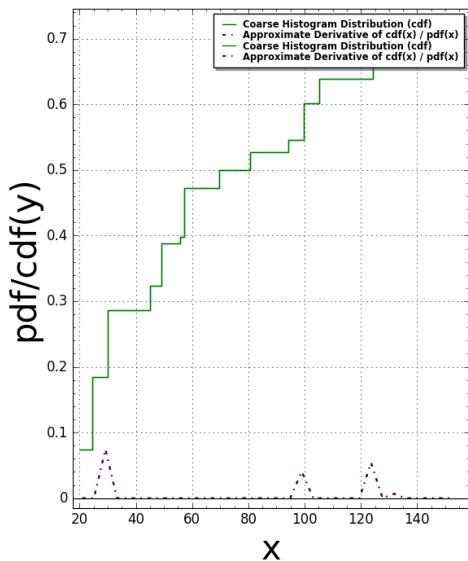
Trihex(N:=4) Pair Correlation (Squared):
#bins=100, #tiling points = 51
Time Taken: 3.98584 sec (0.0664307 mins)
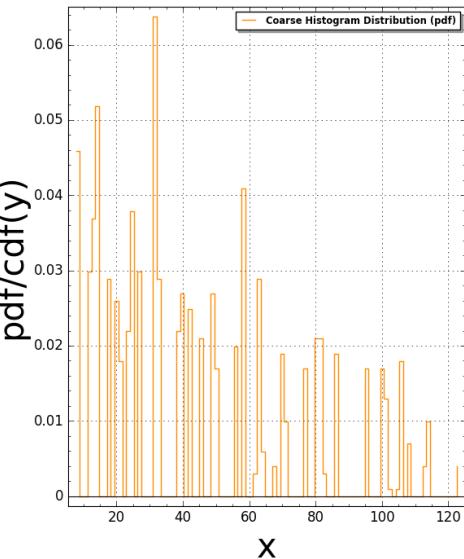
Trihex(N:=4) Pair Correlation (Squared):
#bins=100, #tiling points = 51
Time Taken: 3.98584 sec (0.0664307 mins)
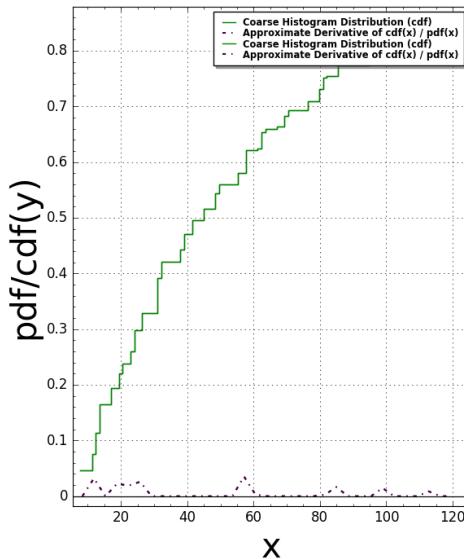
Trihex(N:=5) Pair Correlation (Squared):
#bins=100, #tiling points = 181
Time Taken: 5.7103 sec (0.0951717 mins)
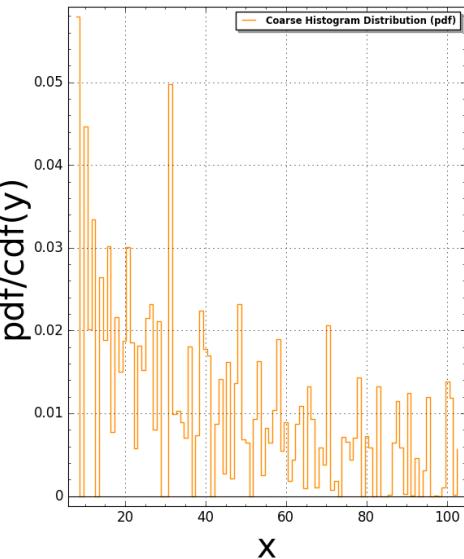
Trihex(N:=5) Pair Correlation (Squared):
#bins=100, #tiling points = 181
Time Taken: 5.7103 sec (0.0951717 mins)
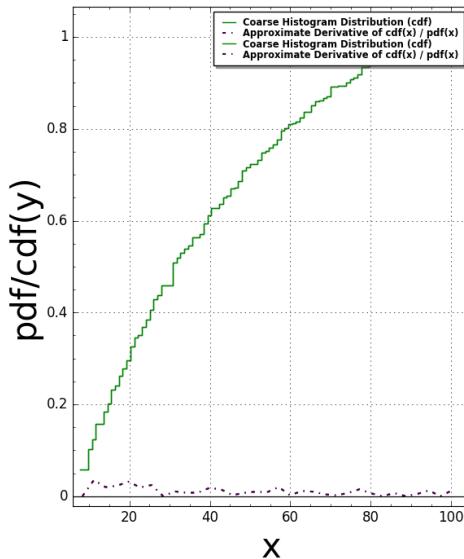
Trihex(N:=6) Pair Correlation (Squared):
#bins=100, #tiling points = 681
Time Taken: 13.9259 sec (0.232098 mins)
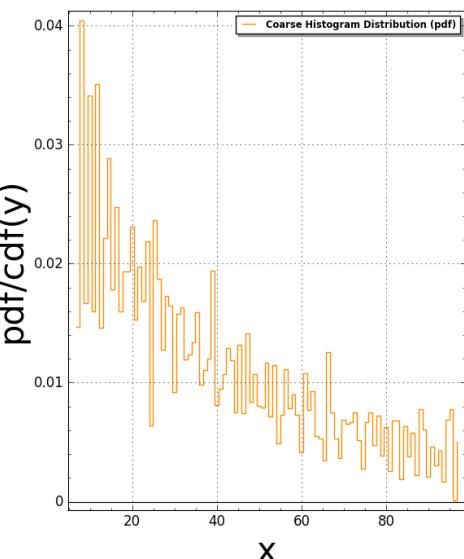
Trihex(N:=6) Pair Correlation (Squared):
#bins=100, #tiling points = 681
Time Taken: 13.9259 sec (0.232098 mins)
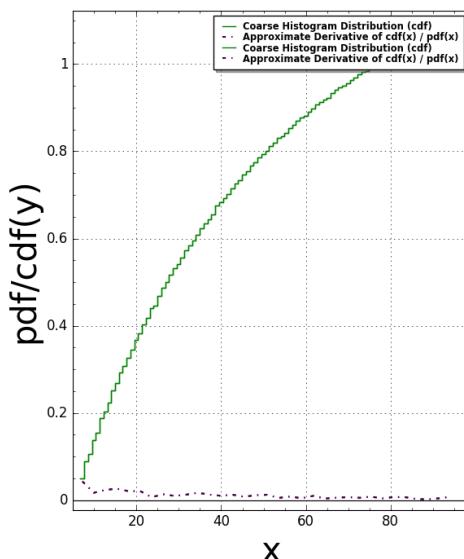
Trihex(N:=1) Pair Correlation (Squared):
#bins=125, #tiling points = 3
Time Taken: 4.2789 sec (0.071315 mins)
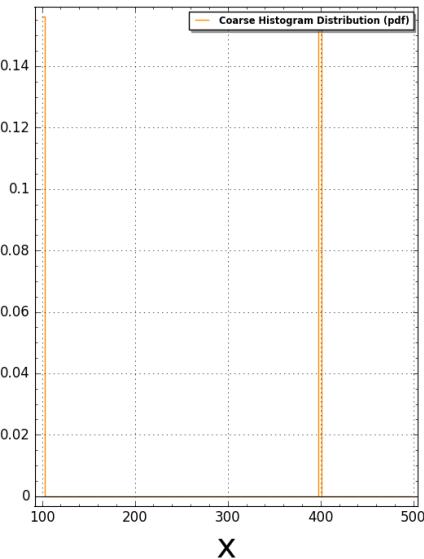
Trihex(N:=1) Pair Correlation (Squared):
#bins=125, #tiling points = 3
Time Taken: 4.2789 sec (0.071315 mins)
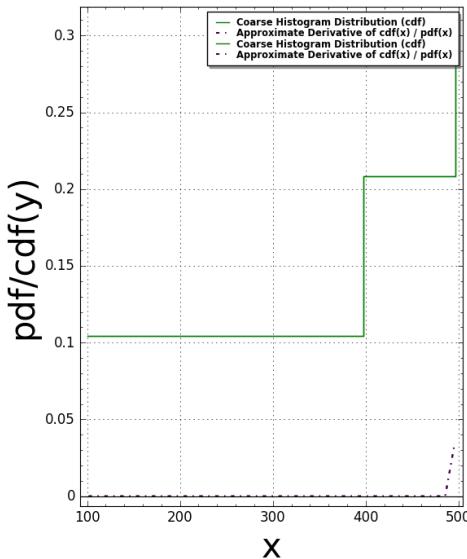
Trihex(N:=2) Pair Correlation (Squared):
#bins=125, #tiling points = 6
Time Taken: 3.83255 sec (0.0638758 mins)
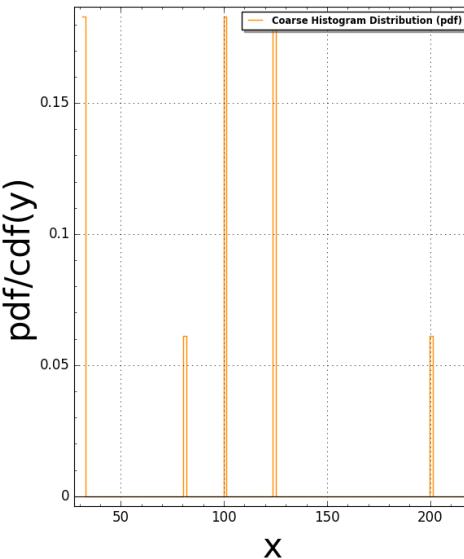
Trihex(N:=2) Pair Correlation (Squared):
#bins=125, #tiling points = 6
Time Taken: 3.83255 sec (0.0638758 mins)
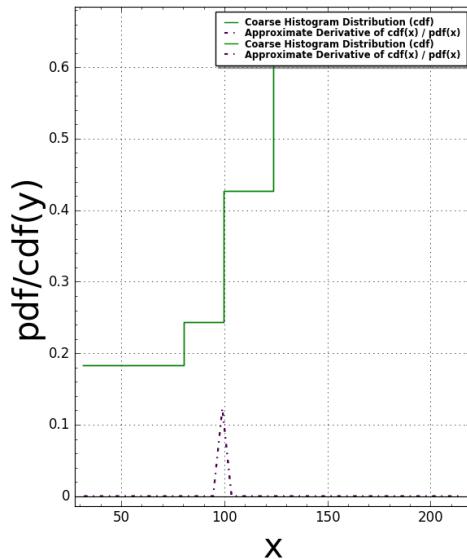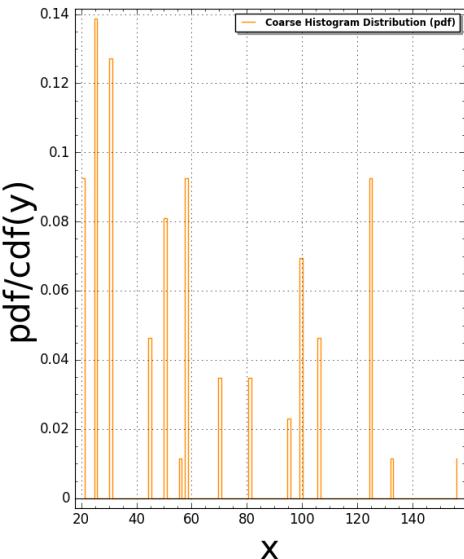
Trihex(N:=3) Pair Correlation (Squared):
#bins=125, #tiling points = 16
Time Taken: 4.76418 sec (0.079403 mins)

Trihex(N:=3) Pair Correlation (Squared):
#bins=125, #tiling points = 16
Time Taken: 4.76418 sec (0.079403 mins)

Coarse Histogram Distribution (pdf)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
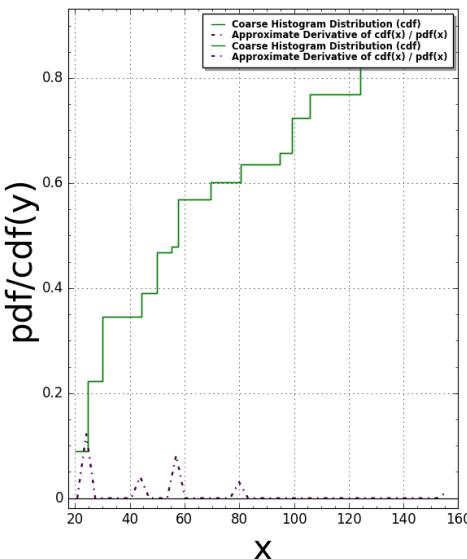
Trihex(N:=4) Pair Correlation (Squared):
#bins=125, #tiling points = 51
Time Taken: 4.59614 sec (0.0766024 mins)
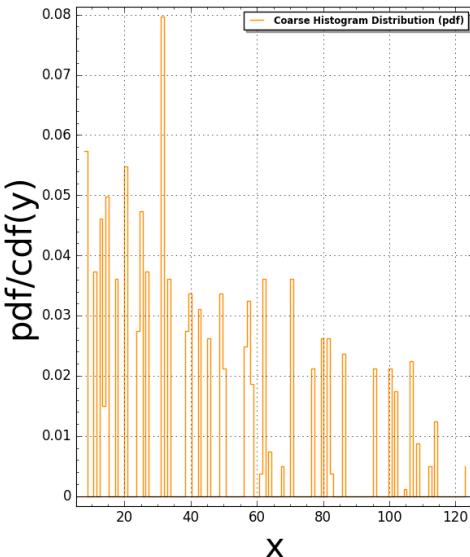
Trihex(N:=4) Pair Correlation (Squared):
#bins=125, #tiling points = 51
Time Taken: 4.59614 sec (0.0766024 mins)
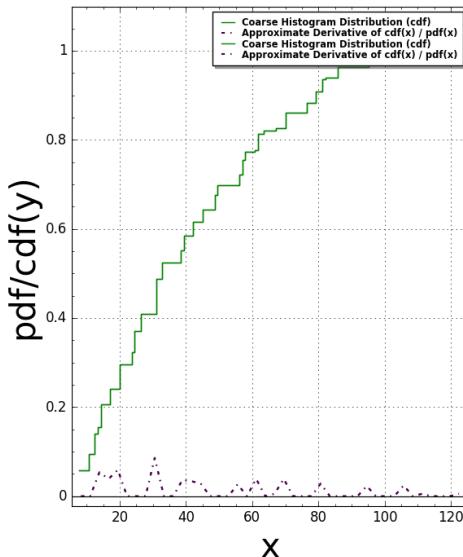
Trihex(N:=5) Pair Correlation (Squared):
#bins=125, #tiling points = 181
Time Taken: 6.25141 sec (0.10419 mins)
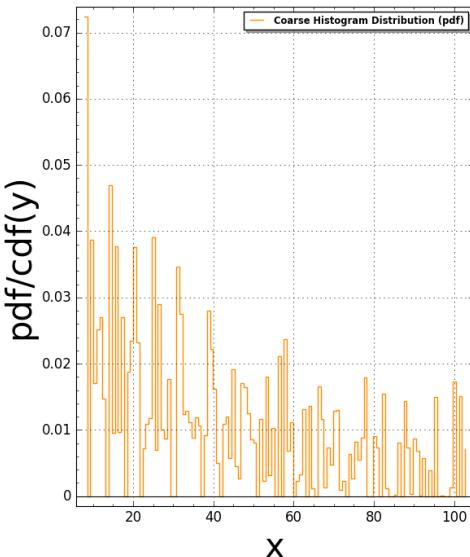
Trihex(N:=5) Pair Correlation (Squared):
#bins=125, #tiling points = 181
Time Taken: 6.25141 sec (0.10419 mins)
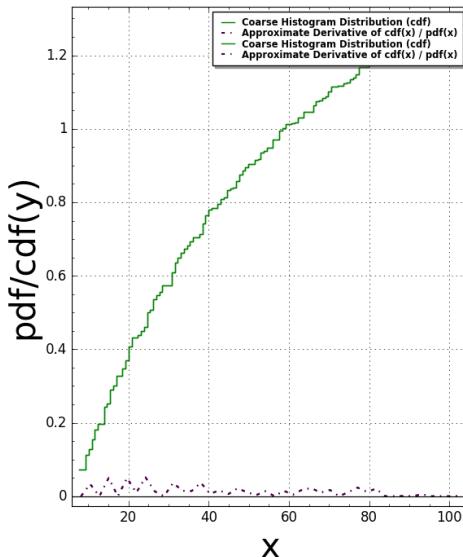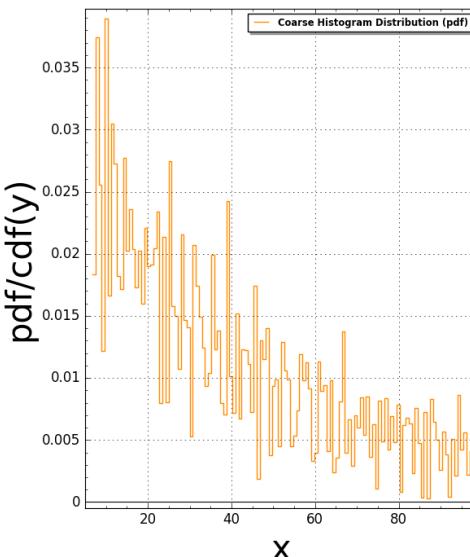
Trihex(N:=6) Pair Correlation (Squared):
#bins=125, #tiling points = 681
Time Taken: 14.5387 sec (0.242311 mins)

Trihex(N:=6) Pair Correlation (Squared):
#bins=125, #tiling points = 681
Time Taken: 14.5387 sec (0.242311 mins)

Coarse Histogram Distribution (pdf)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
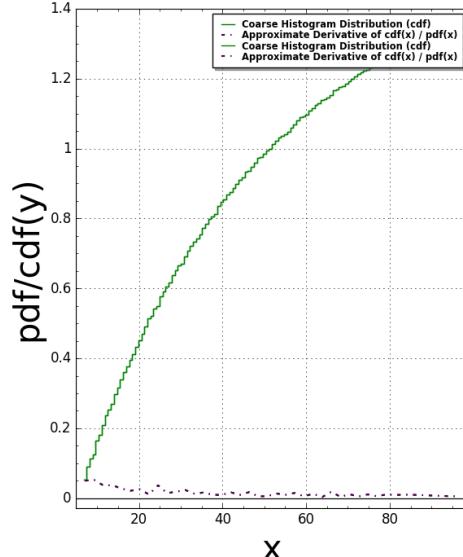
Trihex(N:=1) Pair Correlation (Squared):
#bins=150, #tiling points = 3
Time Taken: 4.85616 sec (0.080936 mins)
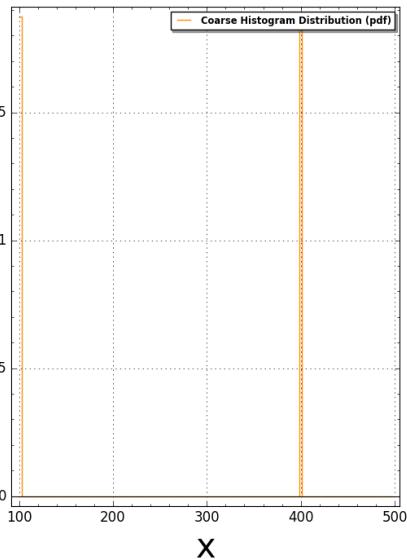
Trihex(N:=1) Pair Correlation (Squared):
#bins=150, #tiling points = 3
Time Taken: 4.85616 sec (0.080936 mins)
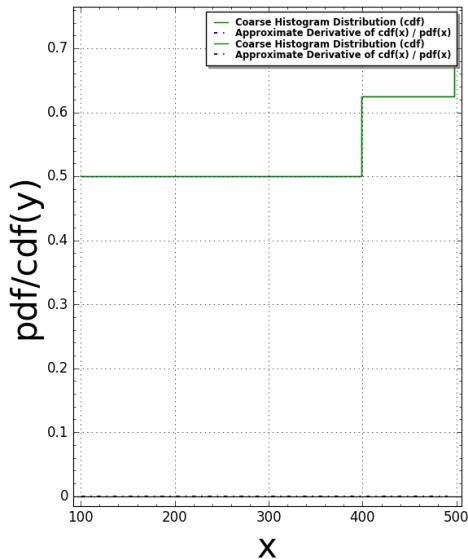
Trihex(N:=2) Pair Correlation (Squared):
#bins=150, #tiling points = 6
Time Taken: 4.33466 sec (0.0722443 mins)
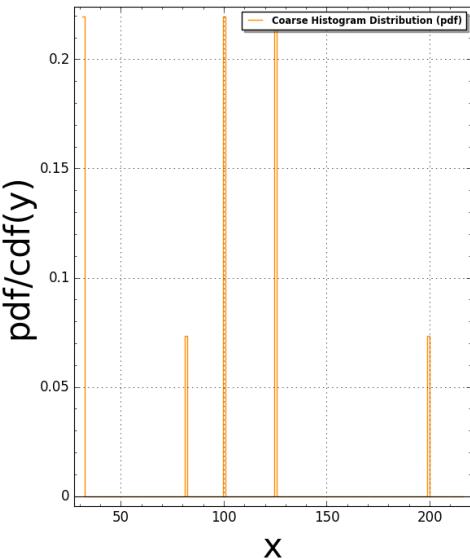
Trihex(N:=2) Pair Correlation (Squared):
#bins=150, #tiling points = 6
Time Taken: 4.33466 sec (0.0722443 mins)
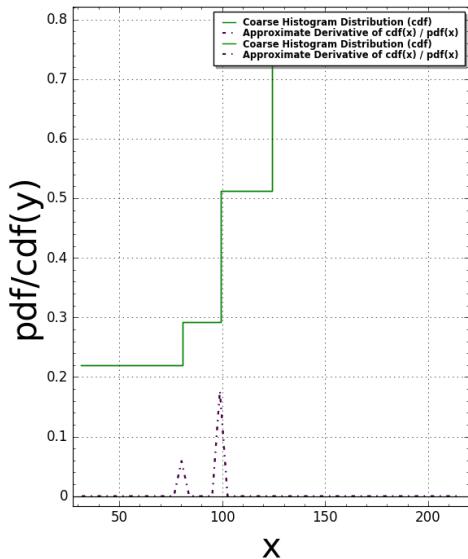
Trihex(N:=3) Pair Correlation (Squared):
#bins=150, #tiling points = 16
Time Taken: 5.3454 sec (0.08909 mins)
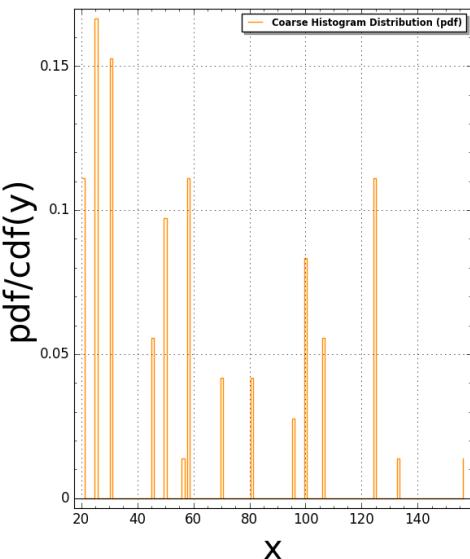
Trihex(N:=3) Pair Correlation (Squared):
#bins=150, #tiling points = 16
Time Taken: 5.3454 sec (0.08909 mins)
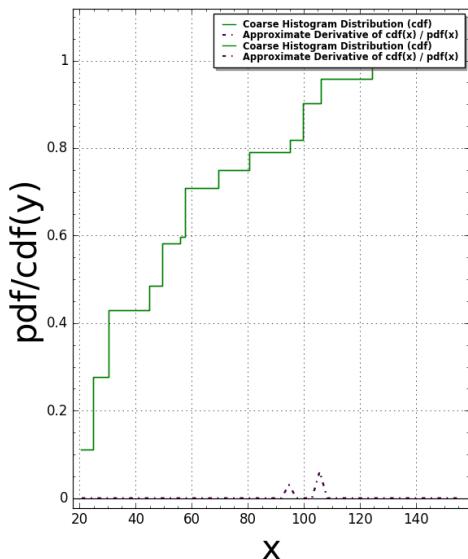
Trihex(N:=4) Pair Correlation (Squared):
#bins=150, #tiling points = 51
Time Taken: 5.18957 sec (0.0864928 mins)
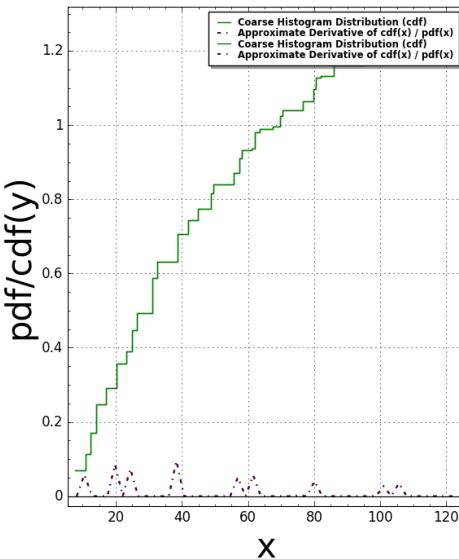
Trihex(N:=5) Pair Correlation (Squared):
#bins=150, #tiling points = 181
Time Taken: 6.83034 sec (0.113839 mins)
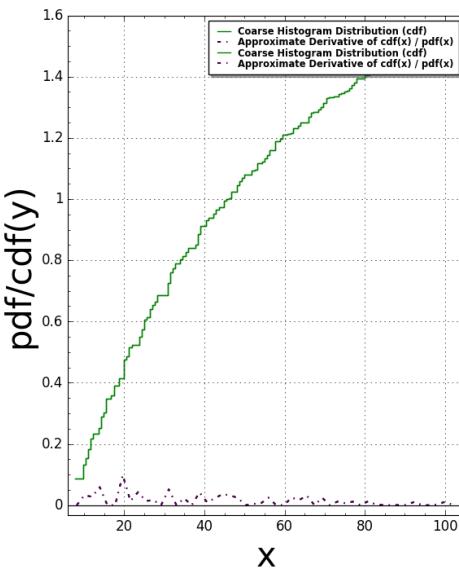
Trihex(N:=6) Pair Correlation (Squared):
#bins=150, #tiling points = 681
Time Taken: 15.2309 sec (0.253849 mins)
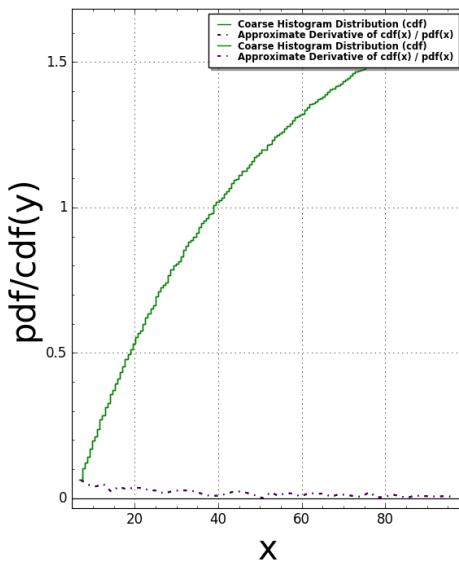
Trihex(N:=1) Pair Correlation (Squared):
#bins=350, #tiling points = 3
Time Taken: 6.70912 sec (0.111819 mins)
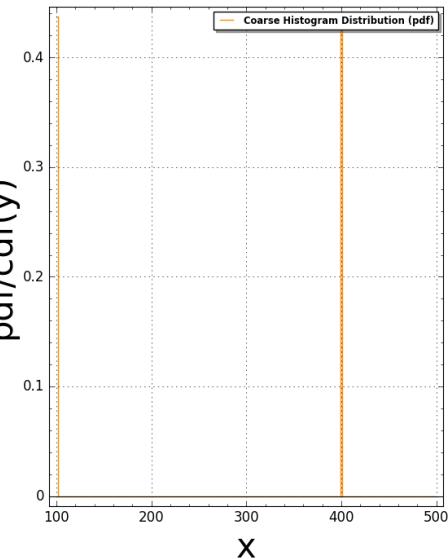
Trihex(N:=1) Pair Correlation (Squared):
#bins=350, #tiling points = 3
Time Taken: 6.70912 sec (0.111819 mins)
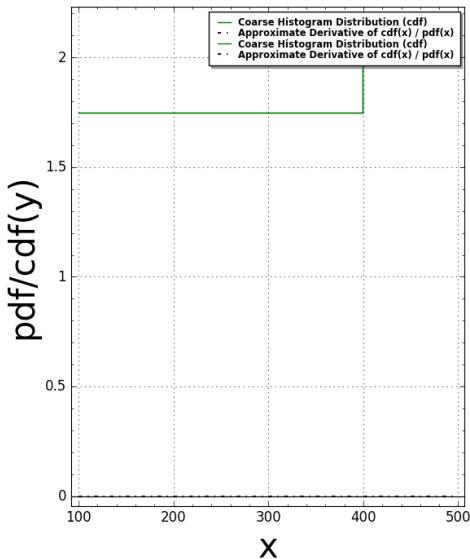
Trihex(N:=2) Pair Correlation (Squared):
#bins=350, #tiling points = 6
Time Taken: 6.06785 sec (0.101131 mins)
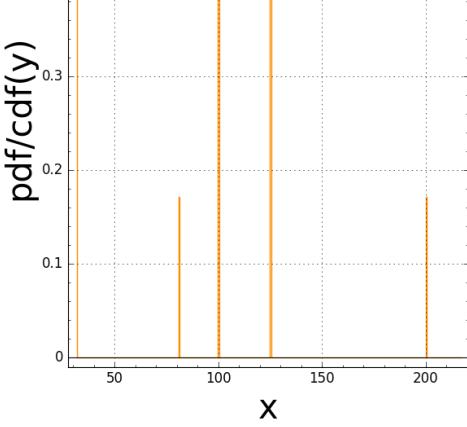
Trihex(N:=2) Pair Correlation (Squared):
#bins=350, #tiling points = 6
Time Taken: 6.06785 sec (0.101131 mins)
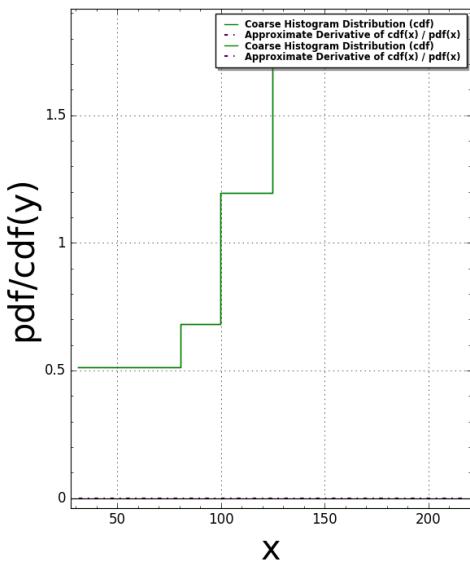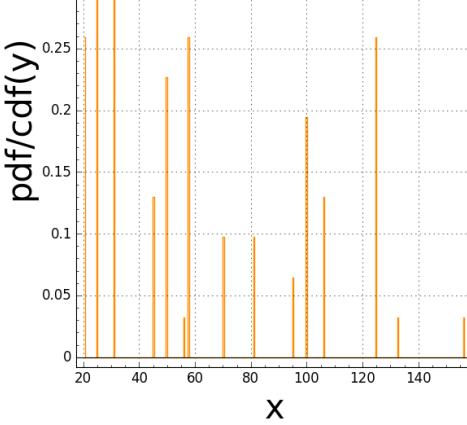
Trihex(N:=3) Pair Correlation (Squared):
#bins=350, #tiling points = 16
Time Taken: 7.1977 sec (0.119962 mins)

Trihex(N:=3) Pair Correlation (Squared):
#bins=350, #tiling points = 16
Time Taken: 7.1977 sec (0.119962 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)
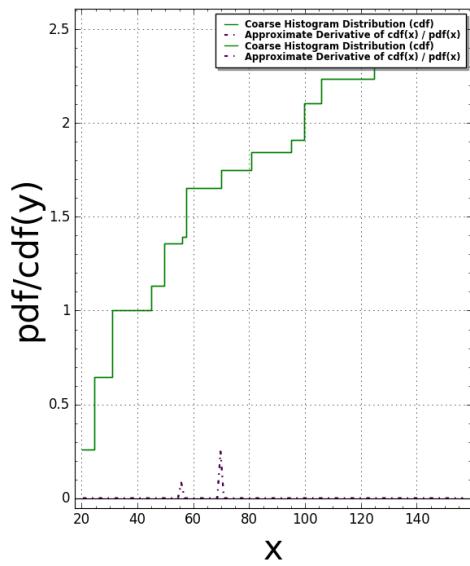
Trihex(N:=4) Pair Correlation (Squared):
#bins=350, #tiling points = 51
Time Taken: 6.91779 sec (0.115296 mins)
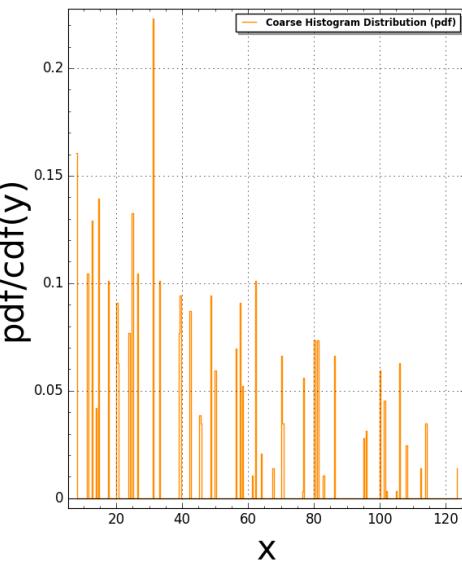
Trihex(N:=4) Pair Correlation (Squared):
#bins=350, #tiling points = 51
Time Taken: 6.91779 sec (0.115296 mins)
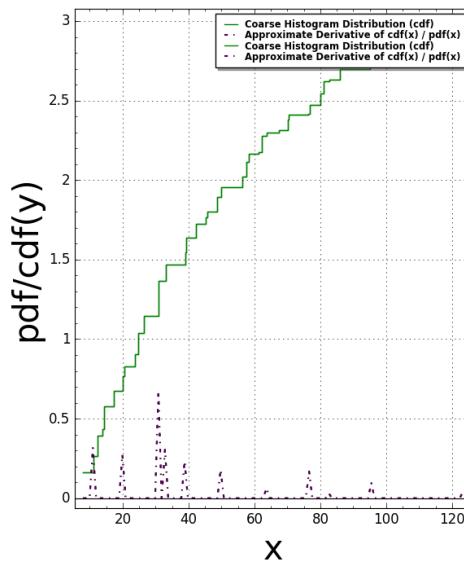
Trihex(N:=5) Pair Correlation (Squared):
#bins=350, #tiling points = 181
Time Taken: 8.66428 sec (0.144405 mins)
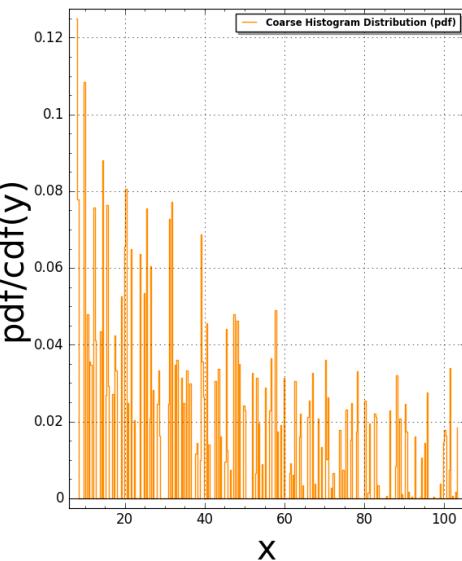
Trihex(N:=5) Pair Correlation (Squared):
#bins=350, #tiling points = 181
Time Taken: 8.66428 sec (0.144405 mins)
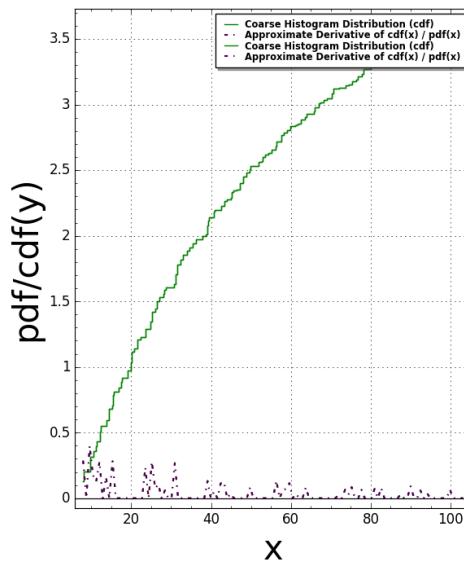
Trihex(N:=6) Pair Correlation (Squared):
#bins=350, #tiling points = 681
Time Taken: 17.3397 sec (0.288994 mins)

Trihex(N:=6) Pair Correlation (Squared):
#bins=350, #tiling points = 681
Time Taken: 17.3397 sec (0.288994 mins)