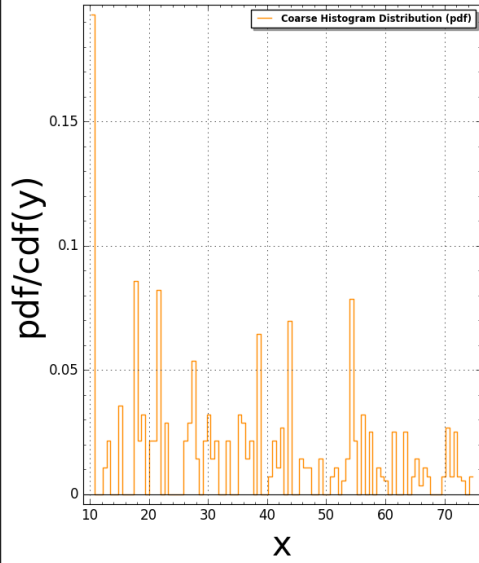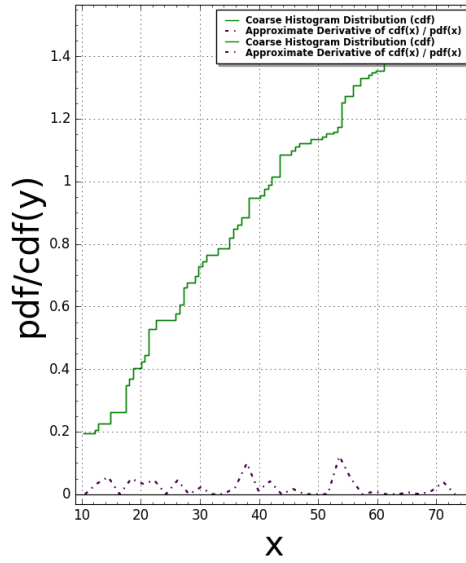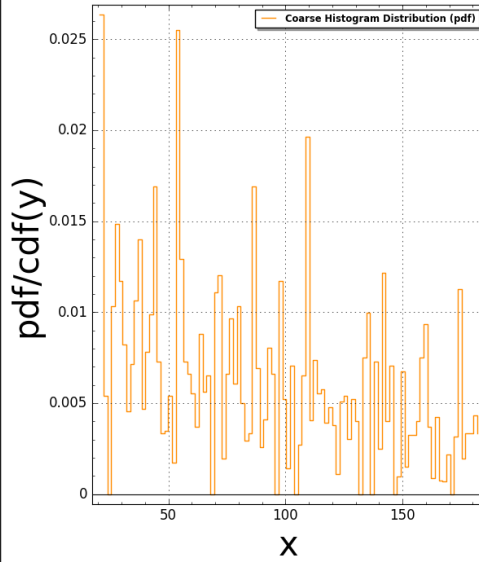Pentagon4(N:=1) Pair Correlation (Squared):
#bins=100, #tiling points = 73
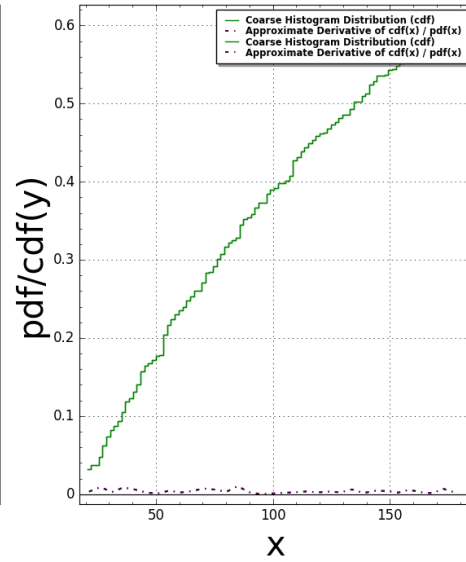Time Taken: 4.30541 sec (0.0717568 mins)

Pentagon4(N:=1) Pair Correlation (Squared):
#bins=100, #tiling points = 73
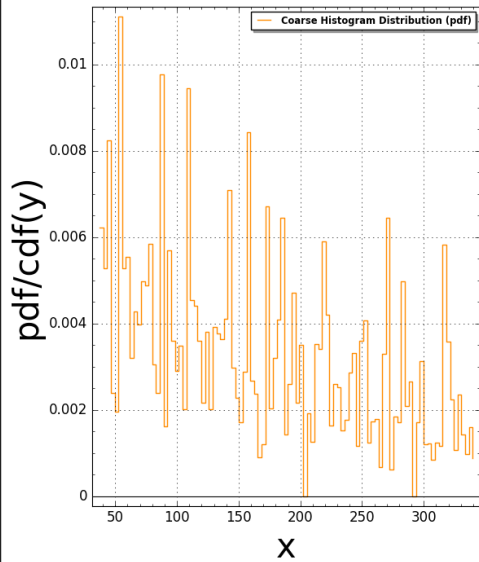Time Taken: 4.30541 sec (0.0717568 mins)

Pentagon4(N:=2) Pair Correlation (Squared):
#bins=100, #tiling points = 187
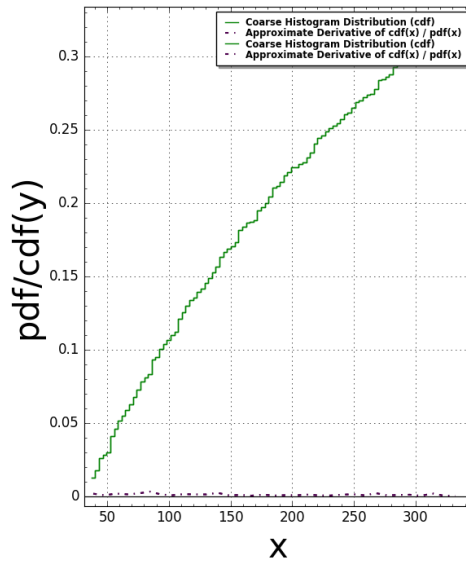Time Taken: 4.84268 sec (0.0807113 mins)

Pentagon4(N:=2) Pair Correlation (Squared):
#bins=100, #tiling points = 187
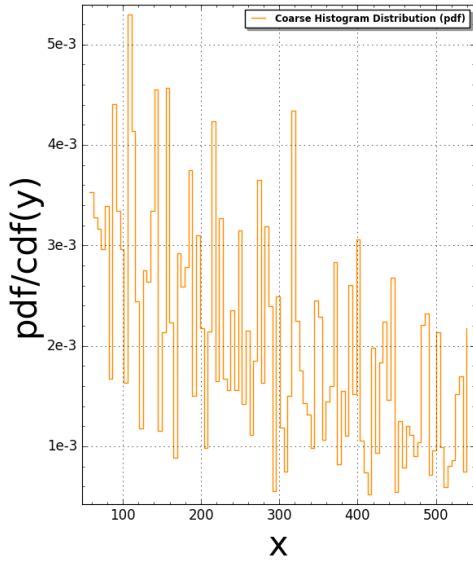Time Taken: 4.84268 sec (0.0807113 mins)

Pentagon4(N:=3) Pair Correlation (Squared):
#bins=100, #tiling points = 351
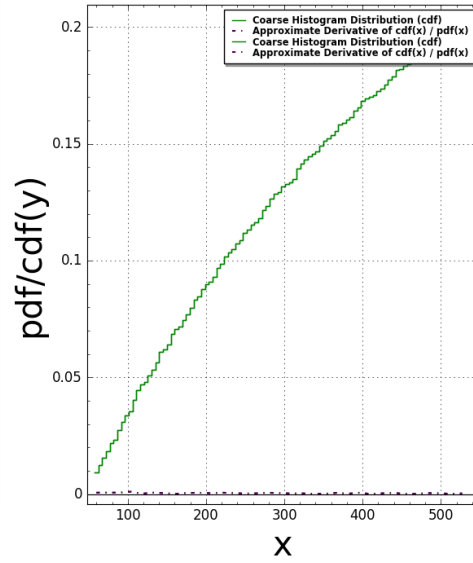Time Taken: 6.74839 sec (0.112473 mins)

Pentagon4(N:=3) Pair Correlation (Squared):
#bins=100, #tiling points = 351
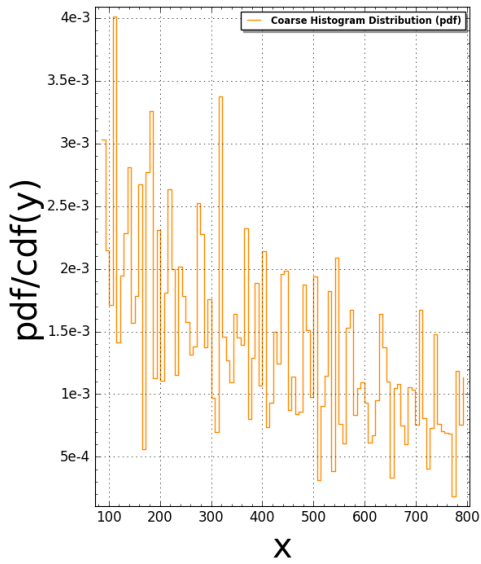Time Taken: 6.74839 sec (0.112473 mins)

Pentagon4(N:=4) Pair Correlation (Squared):
#bins=100, #tiling points = 569
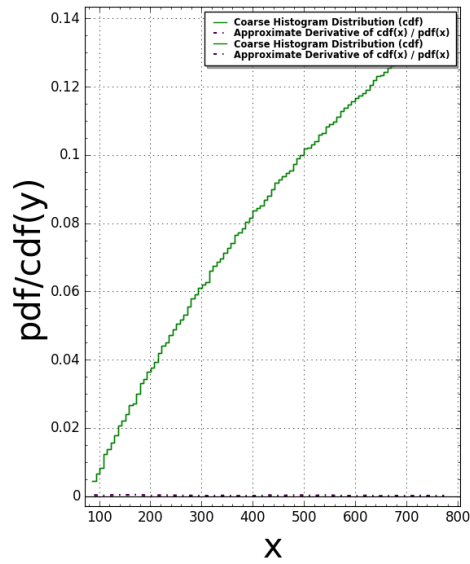Time Taken: 9.28819 sec (0.154803 mins)

Pentagon4(N:=4) Pair Correlation (Squared):
#bins=100, #tiling points = 569
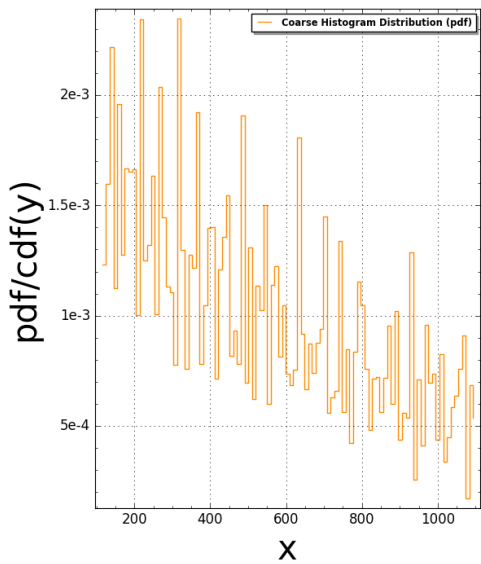Time Taken: 9.28819 sec (0.154803 mins)

Pentagon4(N:=5) Pair Correlation (Squared):
#bins=100, #tiling points = 829
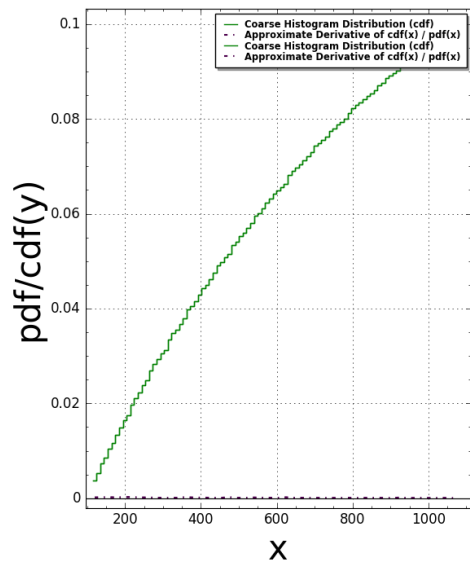Time Taken: 12.8605 sec (0.214341 mins)

Pentagon4(N:=5) Pair Correlation (Squared):
#bins=100, #tiling points = 829
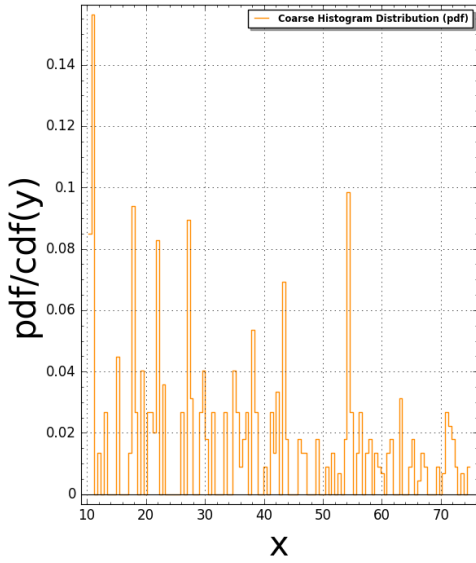Time Taken: 12.8605 sec (0.214341 mins)

Pentagon4(N:=6) Pair Correlation (Squared):
#bins=100, #tiling points = 1139
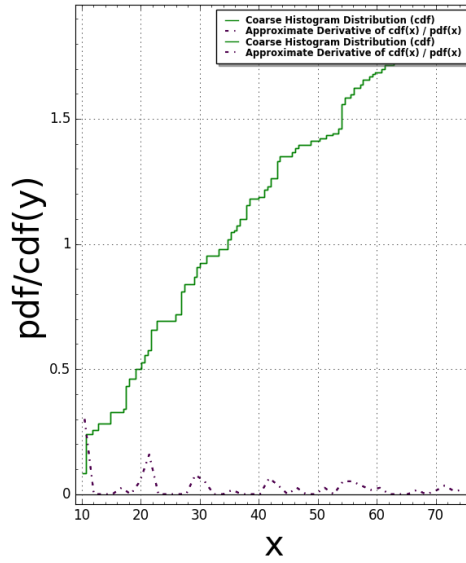Time Taken: 17.0208 sec (0.28368 mins)

Pentagon4(N:=6) Pair Correlation (Squared):
#bins=100, #tiling points = 1139
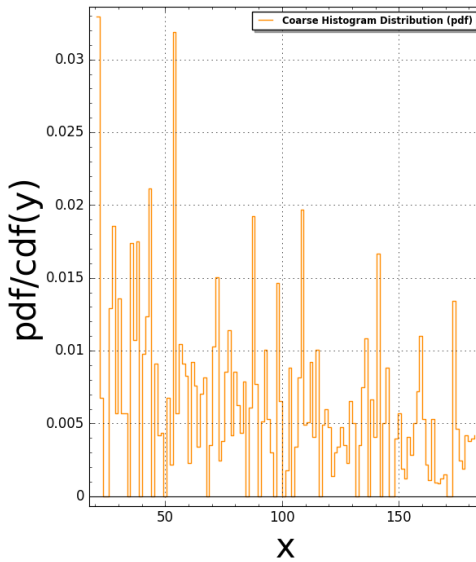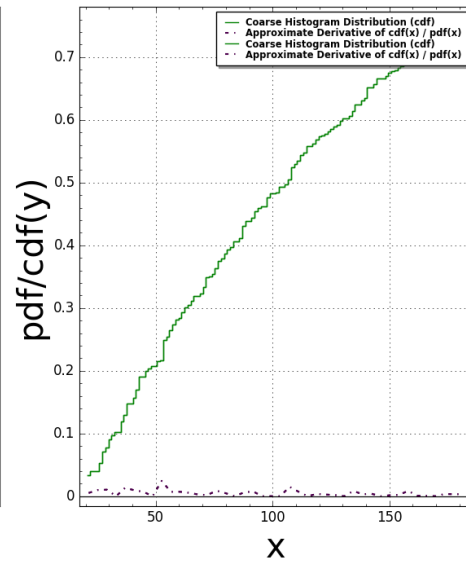Time Taken: 17.0208 sec (0.28368 mins)

Pentagon4(N:=1) Pair Correlation (Squared):
#bins=125, #tiling points = 73
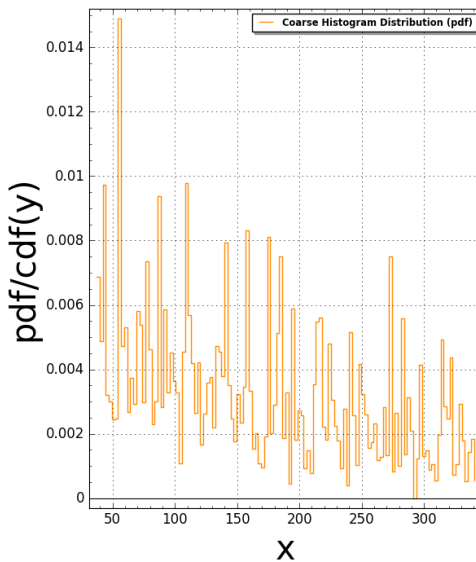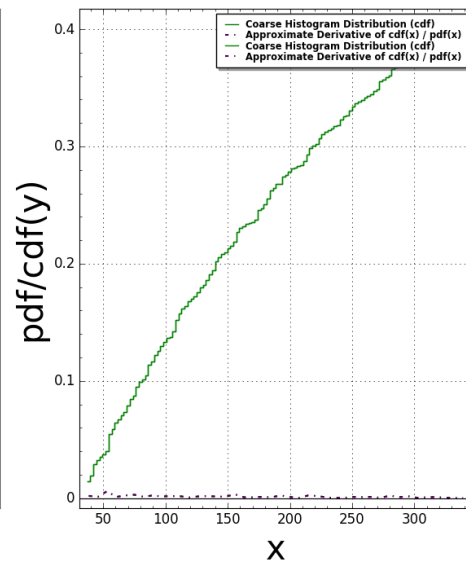Time Taken: 4.92461 sec (0.0820769 mins)

Pentagon4(N:=2) Pair Correlation (Squared):
#bins=125, #tiling points = 187
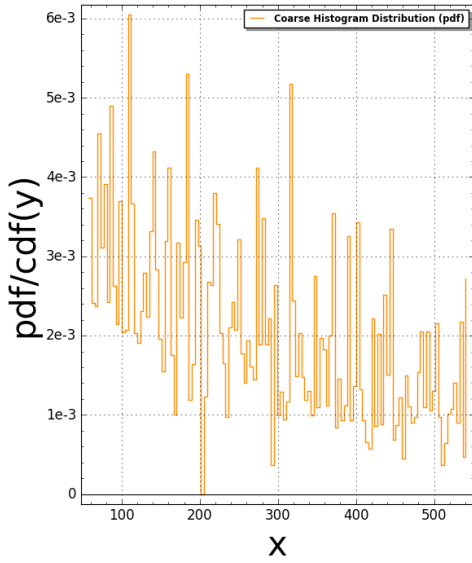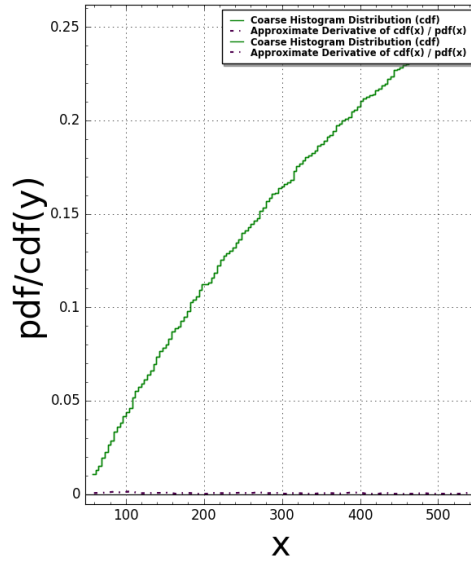Time Taken: 5.37913 sec (0.0896521 mins)

Pentagon4(N:=3) Pair Correlation (Squared):
#bins=125, #tiling points = 351
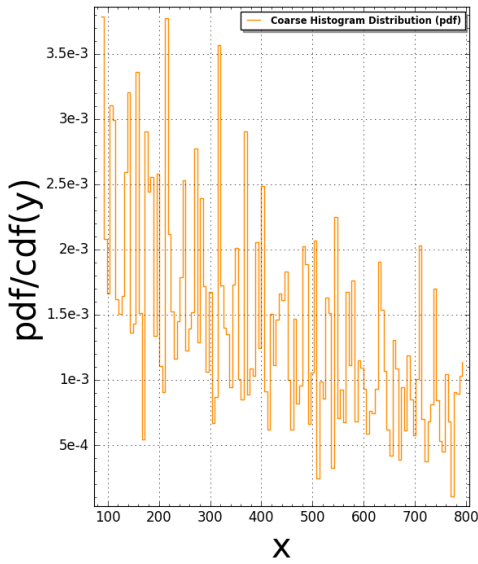Time Taken: 7.37604 sec (0.122934 mins)

Pentagon4(N:=4) Pair Correlation (Squared):
#bins=125, #tiling points = 569
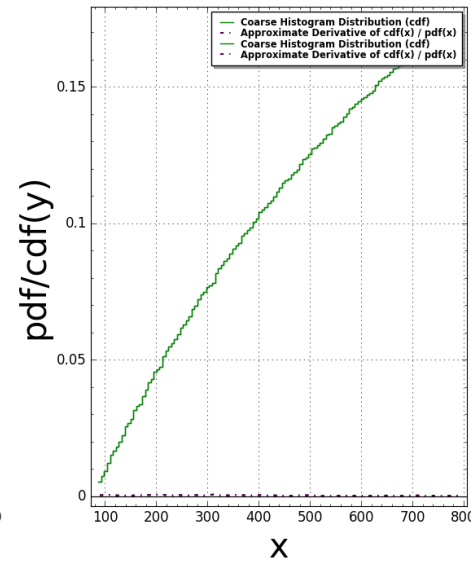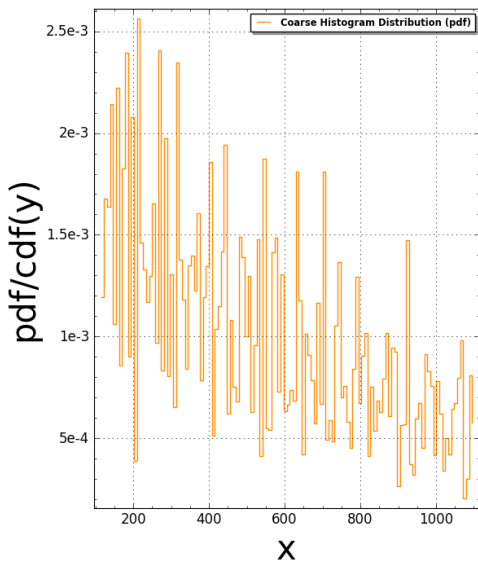Time Taken: 9.91051 sec (0.165175 mins)

Coarse Histogram Distribution (pdf)

Pentagon4(N:=4) Pair Correlation (Squared):
#bins=125, #tiling points = 569
Time Taken: 9.91051 sec (0.165175 mins)

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

Pentagon4(N:=5) Pair Correlation (Squared):
#bins=125, #tiling points = 829
Time Taken: 13.6928 sec (0.228214 mins)

Coarse Histogram Distribution (pdf)

Pentagon4(N:=5) Pair Correlation (Squared):
#bins=125, #tiling points = 829
Time Taken: 13.6928 sec (0.228214 mins)

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

Pentagon4(N:=6) Pair Correlation (Squared):
#bins=125, #tiling points = 1139
Time Taken: 17.8226 sec (0.297044 mins)

Coarse Histogram Distribution (pdf)

Pentagon4(N:=6) Pair Correlation (Squared):
#bins=125, #tiling points = 1139
Time Taken: 17.8226 sec (0.297044 mins)

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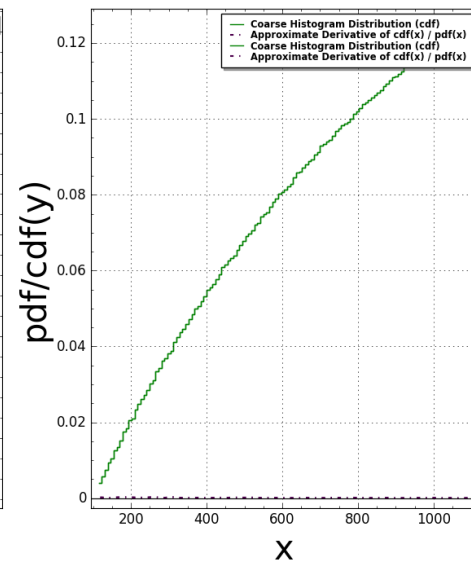Approximate Derivative of cdf(x) / pdf(x)

Pentagon4(N:=1) Pair Correlation (Squared):
#bins=150, #tiling points = 73
Time Taken: 5.53337 sec (0.0922228 mins)

Pentagon4(N:=1) Pair Correlation (Squared):
#bins=150, #tiling points = 73
Time Taken: 5.53337 sec (0.0922228 mins)

Pentagon4(N:=2) Pair Correlation (Squared):
#bins=150, #tiling points = 187
Time Taken: 6.07676 sec (0.101279 mins)

Pentagon4(N:=2) Pair Correlation (Squared):
#bins=150, #tiling points = 187
Time Taken: 6.07676 sec (0.101279 mins)

Pentagon4(N:=3) Pair Correlation (Squared):
#bins=150, #tiling points = 351
Time Taken: 8.11562 sec (0.13526 mins)

Pentagon4(N:=3) Pair Correlation (Squared):
#bins=150, #tiling points = 351
Time Taken: 8.11562 sec (0.13526 mins)

Pentagon4(N:=4) Pair Correlation (Squared):
#bins=150, #tiling points = 569
Time Taken: 10.6679 sec (0.177799 mins)

Pentagon4(N:=4) Pair Correlation (Squared):
#bins=150, #tiling points = 569
Time Taken: 10.6679 sec (0.177799 mins)

Pentagon4(N:=5) Pair Correlation (Squared):
#bins=150, #tiling points = 829
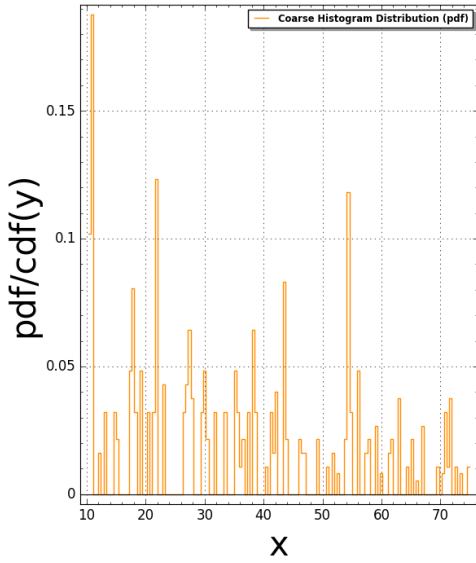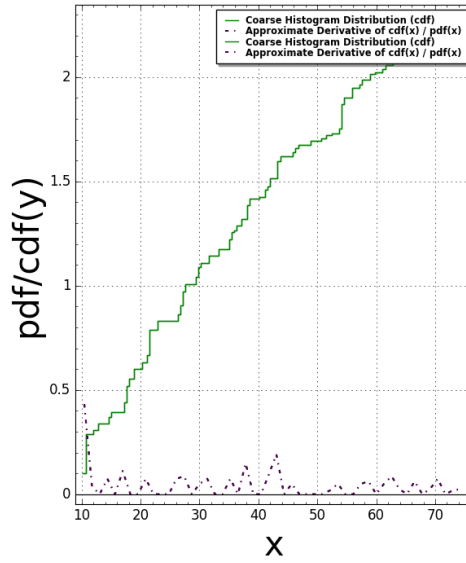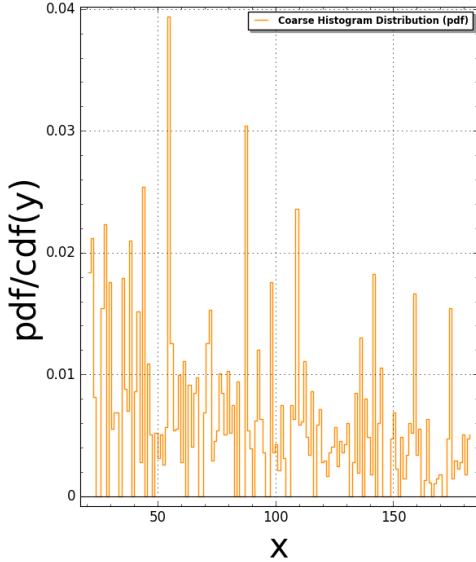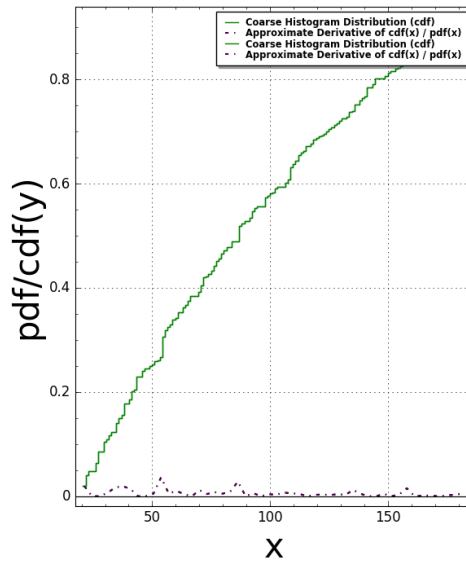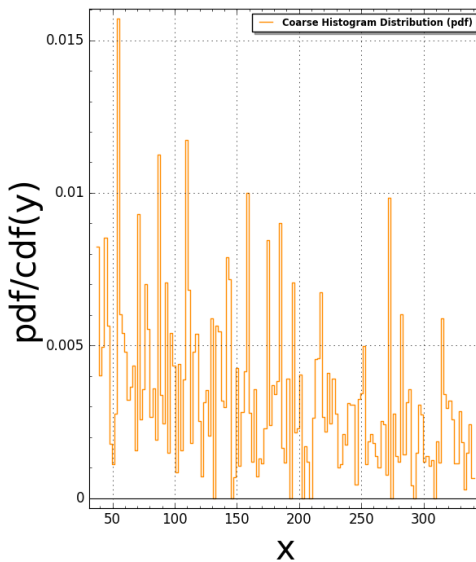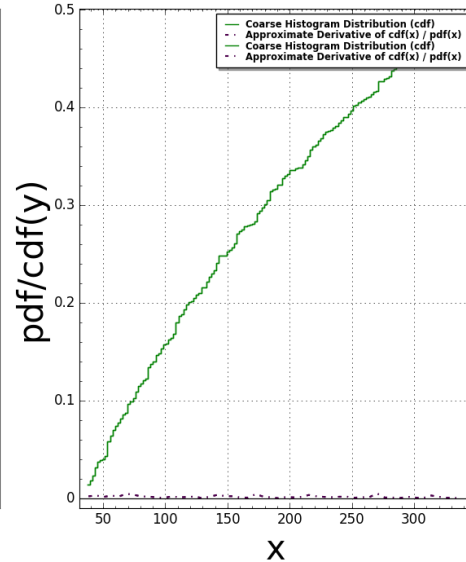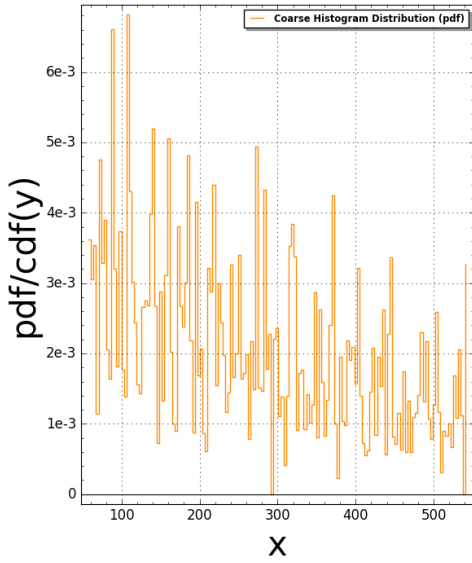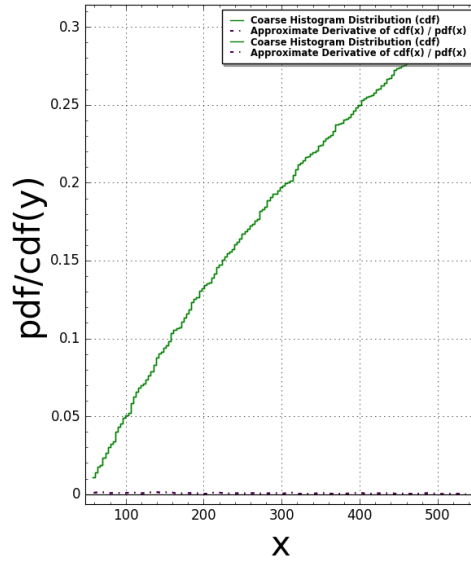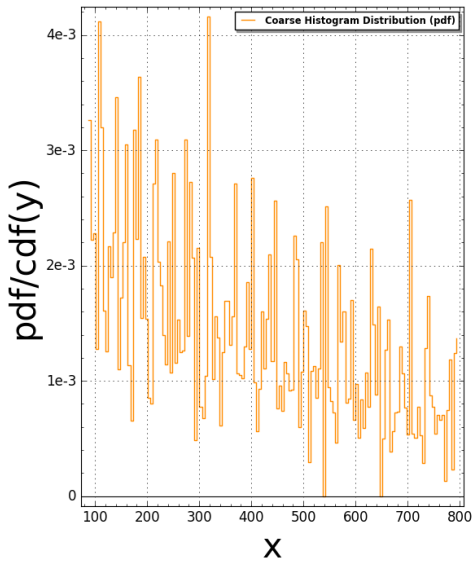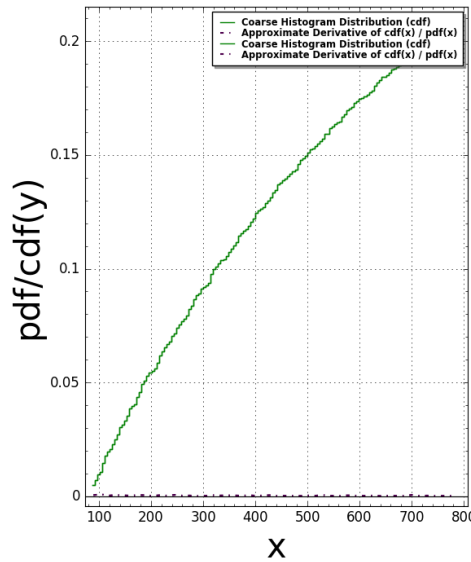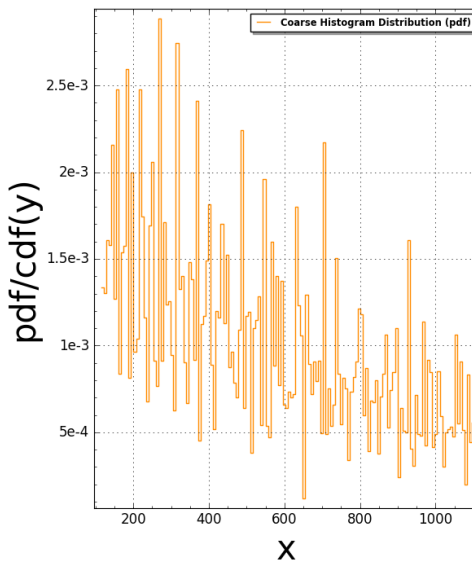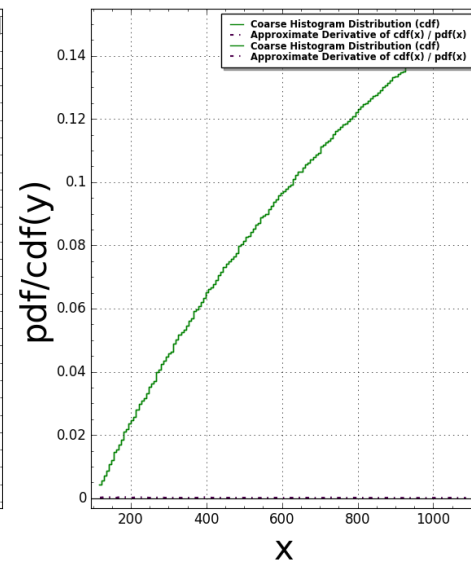Time Taken: 14.6019 sec (0.243365 mins)

Pentagon4(N:=5) Pair Correlation (Squared):
#bins=150, #tiling points = 829
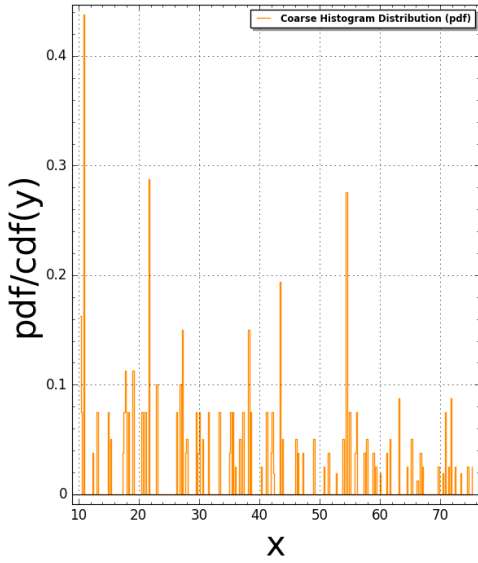Time Taken: 14.6019 sec (0.243365 mins)

Pentagon4(N:=6) Pair Correlation (Squared):
#bins=150, #tiling points = 1139
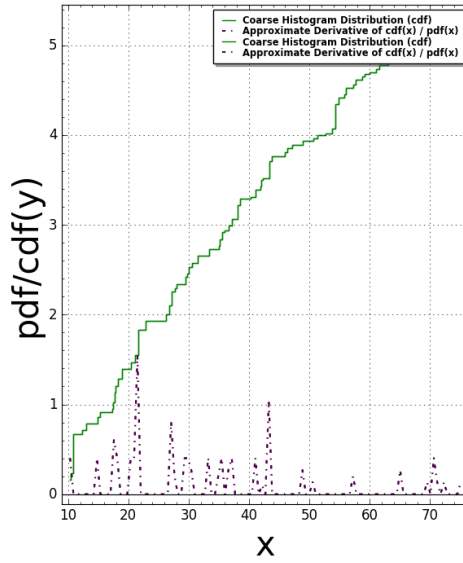Time Taken: 18.6498 sec (0.31083 mins)

Pentagon4(N:=6) Pair Correlation (Squared):
#bins=150, #tiling points = 1139
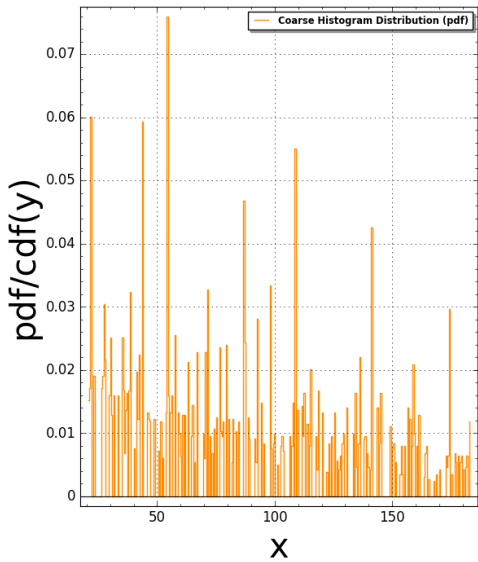Time Taken: 18.6498 sec (0.31083 mins)

Pentagon4(N:=1) Pair Correlation (Squared):
#bins=350, #tiling points = 73
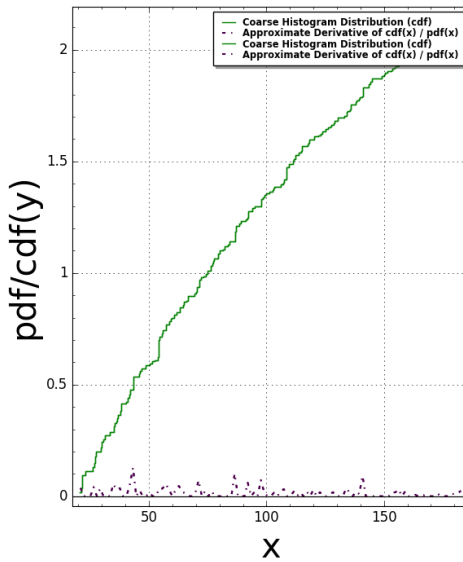Time Taken: 7.58461 sec (0.12641 mins)

Pentagon4(N:=1) Pair Correlation (Squared):
#bins=350, #tiling points = 73
Time Taken: 7.58461 sec (0.12641 mins)

Coarse Histogram Distribution (pdf)

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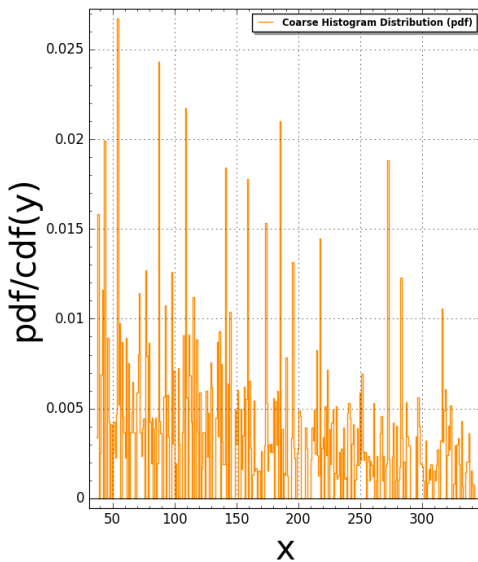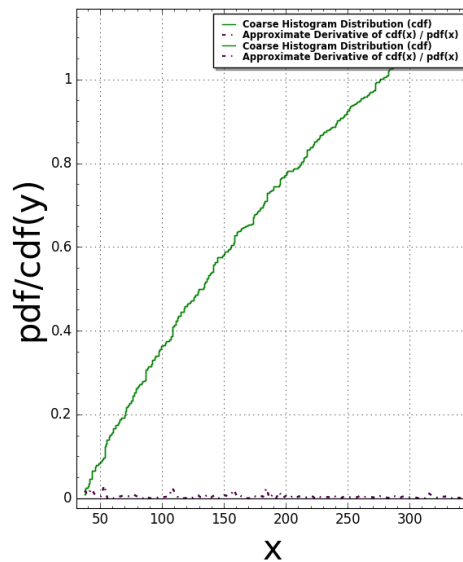Approximate Derivative of cdf(x) / pdf(x)

Pentagon4(N:=2) Pair Correlation (Squared):
#bins=350, #tiling points = 187
Time Taken: 7.7109 sec (0.128515 mins)

Pentagon4(N:=2) Pair Correlation (Squared):
#bins=350, #tiling points = 187
Time Taken: 7.7109 sec (0.128515 mins)

Coarse Histogram Distribution (pdf)

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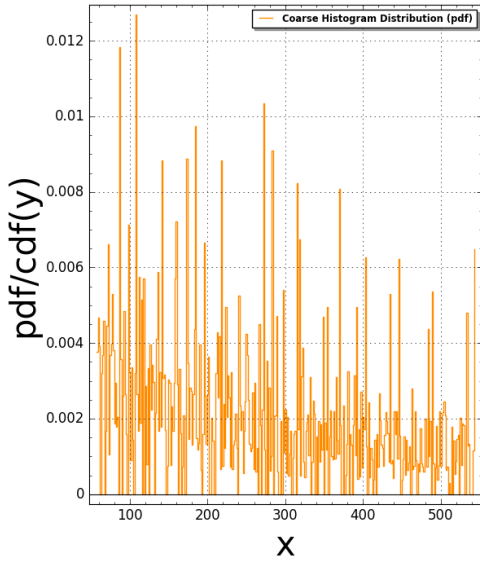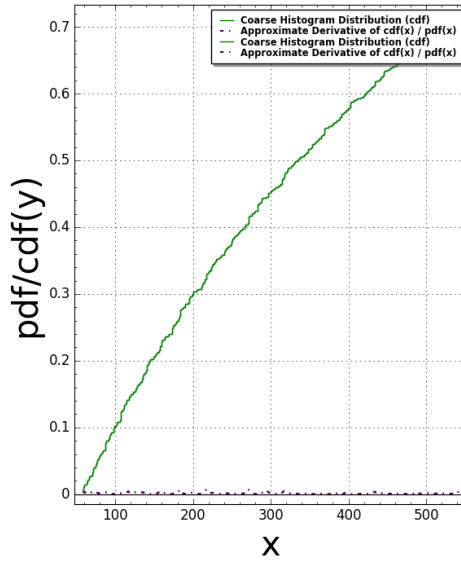Approximate Derivative of cdf(x) / pdf(x)

Pentagon4(N:=3) Pair Correlation (Squared):
#bins=350, #tiling points = 351
Time Taken: 10.0724 sec (0.167874 mins)

Pentagon4(N:=3) Pair Correlation (Squared):
#bins=350, #tiling points = 351
Time Taken: 10.0724 sec (0.167874 mins)

Coarse Histogram Distribution (pdf)

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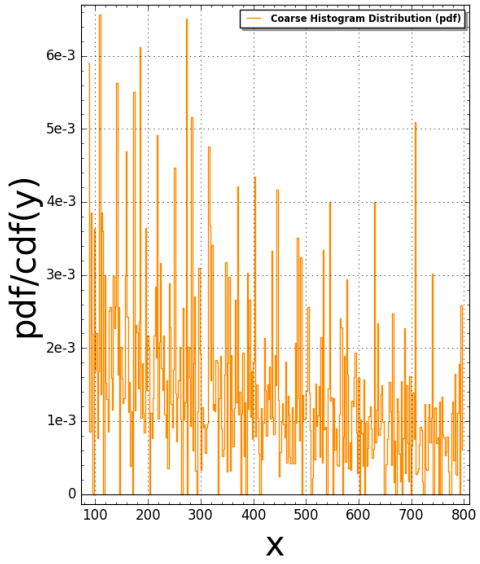Approximate Derivative of cdf(x) / pdf(x)

Pentagon4(N:=4) Pair Correlation (Squared):
#bins=350, #tiling points = 569
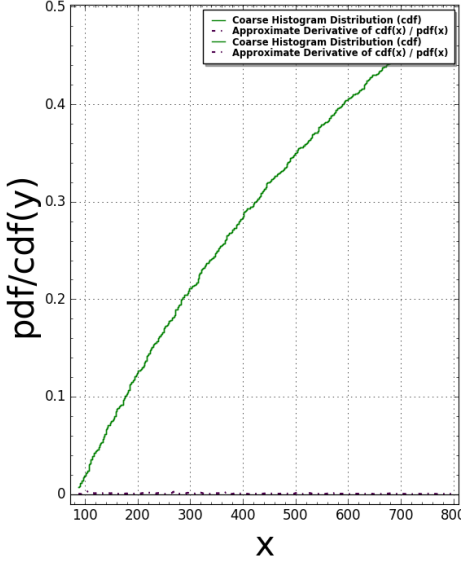Time Taken: 12.6947 sec (0.211578 mins)

Pentagon4(N:=4) Pair Correlation (Squared):
#bins=350, #tiling points = 569
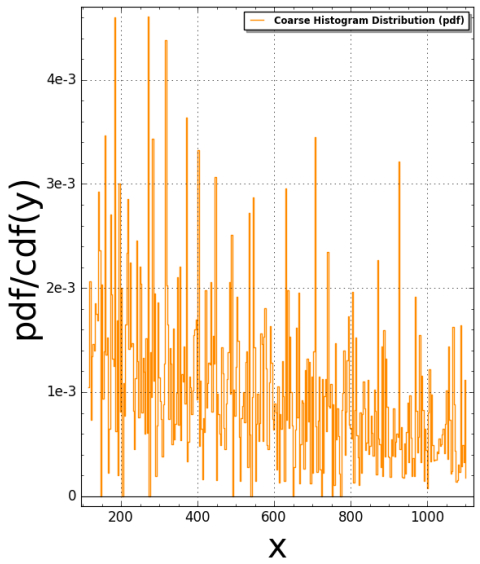Time Taken: 12.6947 sec (0.211578 mins)

Pentagon4(N:=5) Pair Correlation (Squared):
#bins=350, #tiling points = 829
Time Taken: 17.134 sec (0.285567 mins)

Pentagon4(N:=5) Pair Correlation (Squared):
#bins=350, #tiling points = 829
Time Taken: 17.134 sec (0.285567 mins)

Pentagon4(N:=6) Pair Correlation (Squared):
#bins=350, #tiling points = 1139
Time Taken: 21.3004 sec (0.355007 mins)

Pentagon4(N:=6) Pair Correlation (Squared):
#bins=350, #tiling points = 1139
Time Taken: 21.3004 sec (0.355007 mins)