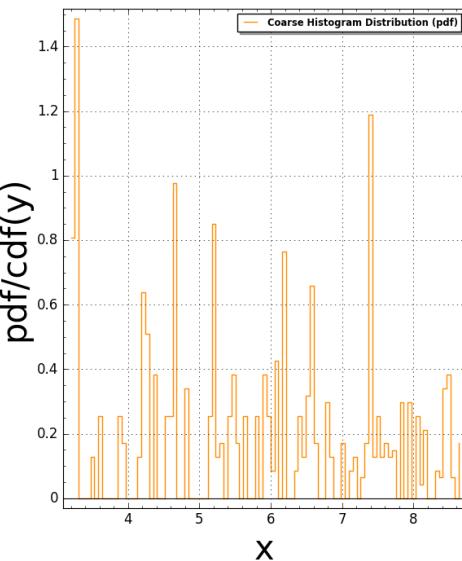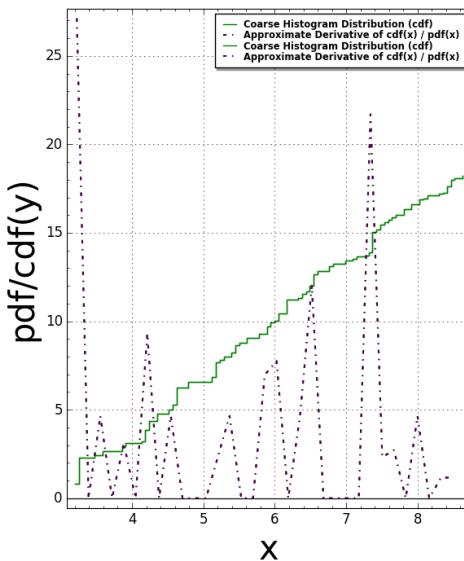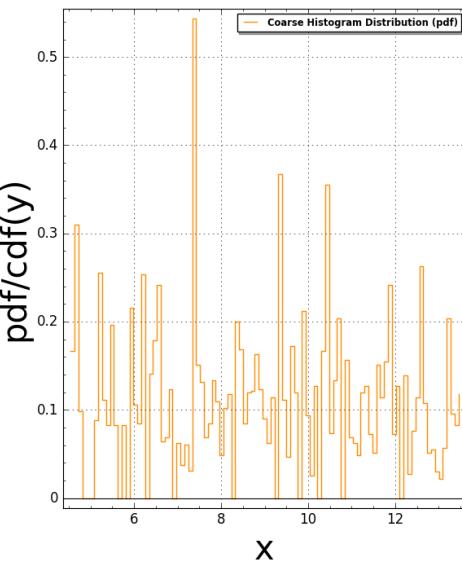Pentagon4(N:=1) Pair Correlation:
#bins=100, #tiling points = 73
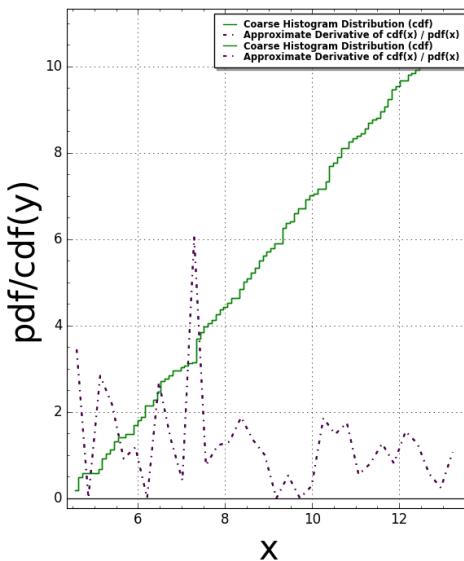Time Taken: 4.14554 sec (0.0690923 mins)

Pentagon4(N:=1) Pair Correlation:
#bins=100, #tiling points = 73
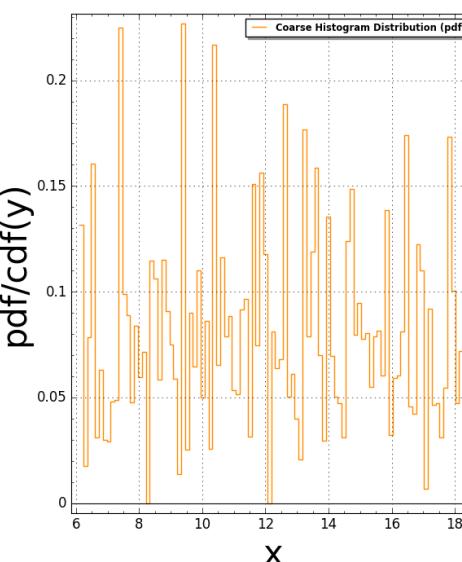Time Taken: 4.14554 sec (0.0690923 mins)

Pentagon4(N:=2) Pair Correlation:
#bins=100, #tiling points = 187
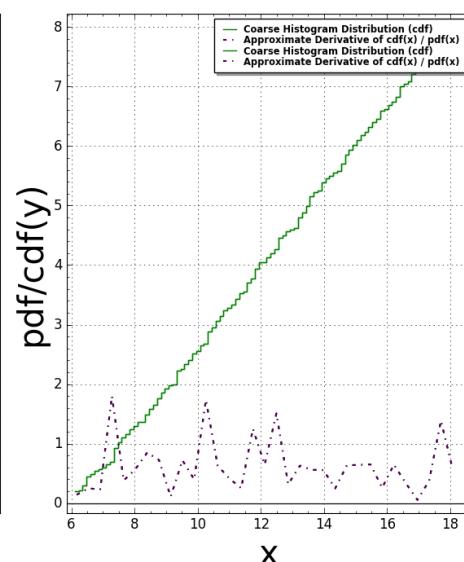Time Taken: 5.02189 sec (0.0836982 mins)

Pentagon4(N:=2) Pair Correlation:
#bins=100, #tiling points = 187
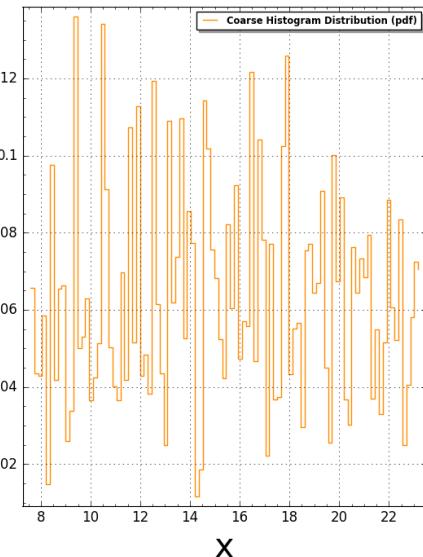Time Taken: 5.02189 sec (0.0836982 mins)

Pentagon4(N:=3) Pair Correlation:
#bins=100, #tiling points = 351
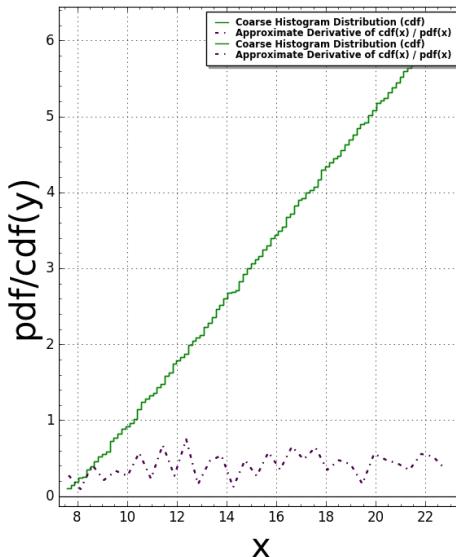Time Taken: 6.59649 sec (0.109942 mins)

Pentagon4(N:=3) Pair Correlation:
#bins=100, #tiling points = 351
Time Taken: 6.59649 sec (0.109942 mins)

Pentagon4(N:=4) Pair Correlation:
#bins=100, #tiling points = 569
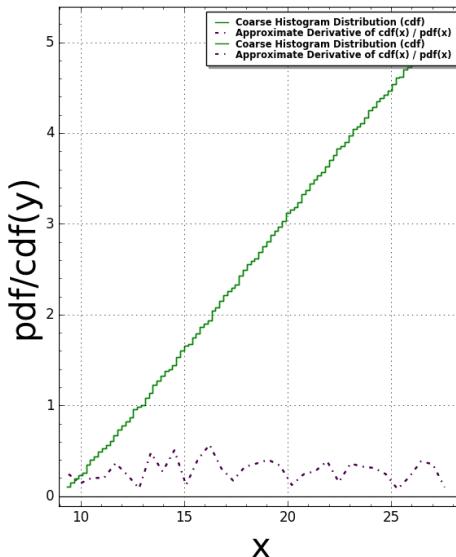Time Taken: 9.44204 sec (0.157367 mins)

Pentagon4(N:=4) Pair Correlation:
#bins=100, #tiling points = 569
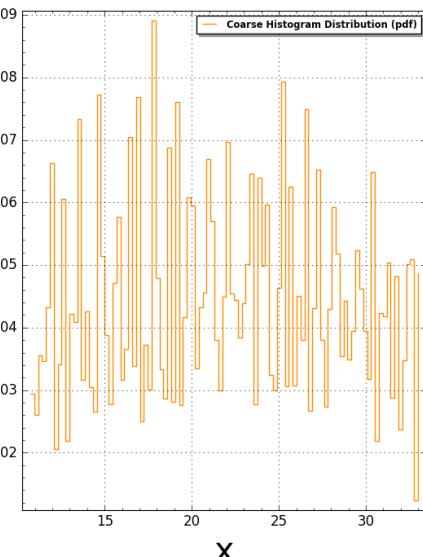Time Taken: 9.44204 sec (0.157367 mins)

Pentagon4(N:=5) Pair Correlation:
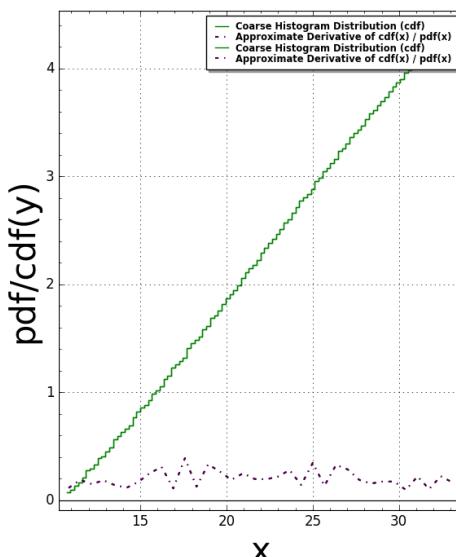#bins=100, #tiling points = 829
Time Taken: 12.223 sec (0.203717 mins)

Pentagon4(N:=5) Pair Correlation:
#bins=100, #tiling points = 829
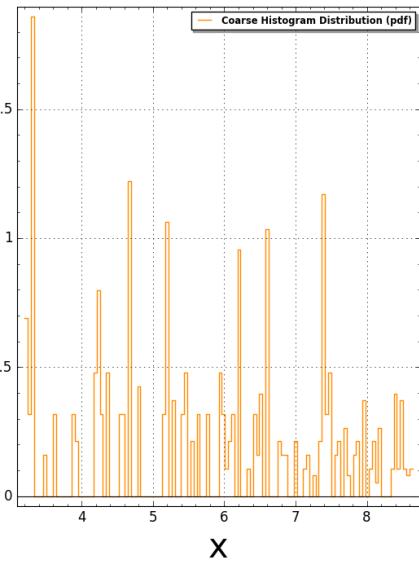Time Taken: 12.223 sec (0.203717 mins)

Pentagon4(N:=6) Pair Correlation:
#bins=100, #tiling points = 1139
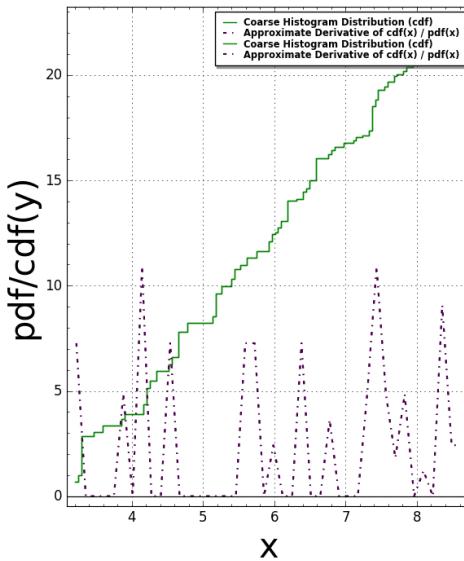Time Taken: 17.5516 sec (0.292527 mins)

Pentagon4(N:=6) Pair Correlation:
#bins=100, #tiling points = 1139
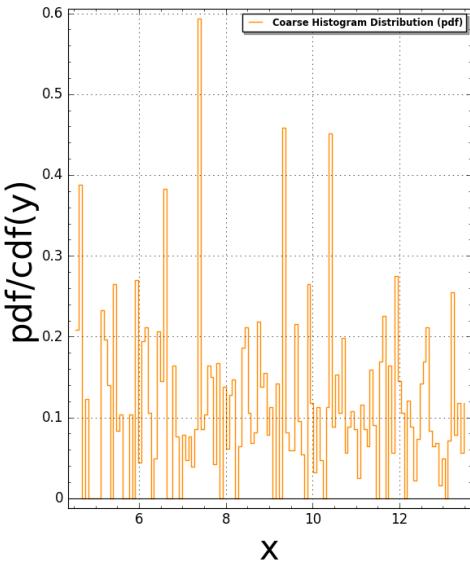Time Taken: 17.5516 sec (0.292527 mins)

Pentagon4(N:=1) Pair Correlation:
#bins=125, #tiling points = 73
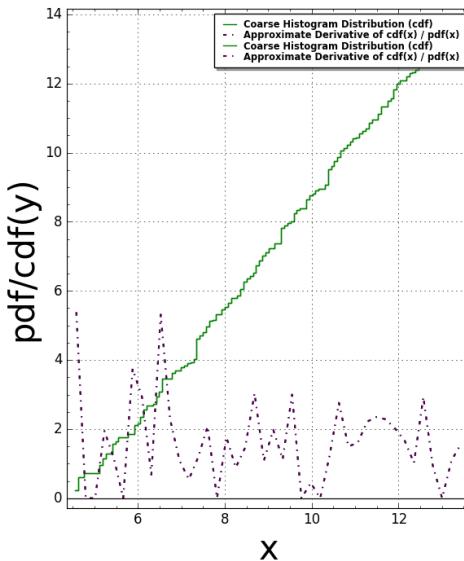Time Taken: 4.7537 sec (0.0792284 mins)

Pentagon4(N:=1) Pair Correlation:
#bins=125, #tiling points = 73
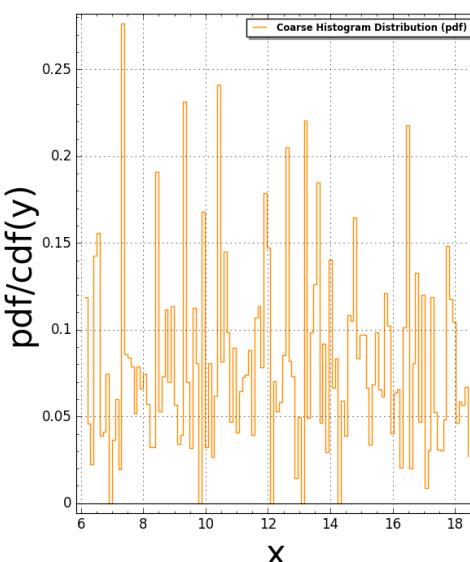Time Taken: 4.7537 sec (0.0792284 mins)

Pentagon4(N:=2) Pair Correlation:
#bins=125, #tiling points = 187
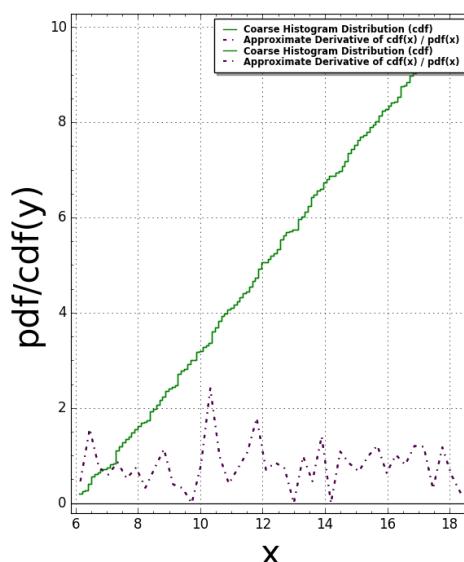Time Taken: 5.66523 sec (0.0944205 mins)

Pentagon4(N:=2) Pair Correlation:
#bins=125, #tiling points = 187
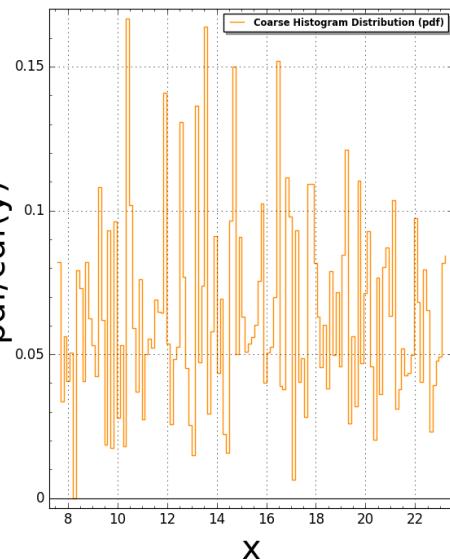Time Taken: 5.66523 sec (0.0944205 mins)

Pentagon4(N:=3) Pair Correlation:
#bins=125, #tiling points = 351
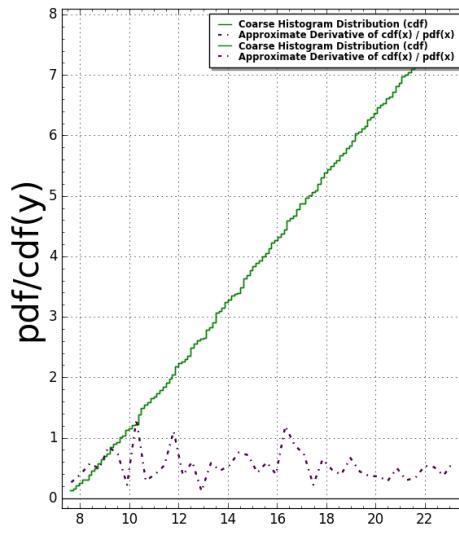Time Taken: 7.24216 sec (0.120703 mins)

Pentagon4(N:=3) Pair Correlation:
#bins=125, #tiling points = 351
Time Taken: 7.24216 sec (0.120703 mins)

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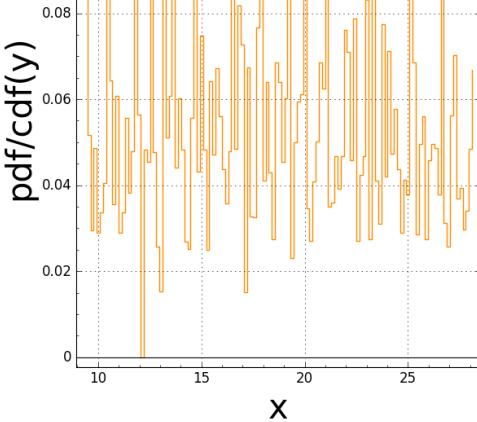Approximate Derivative of cdf(x) / pdf(x)

Pentagon4(N:=4) Pair Correlation:
#bins=125, #tiling points = 569
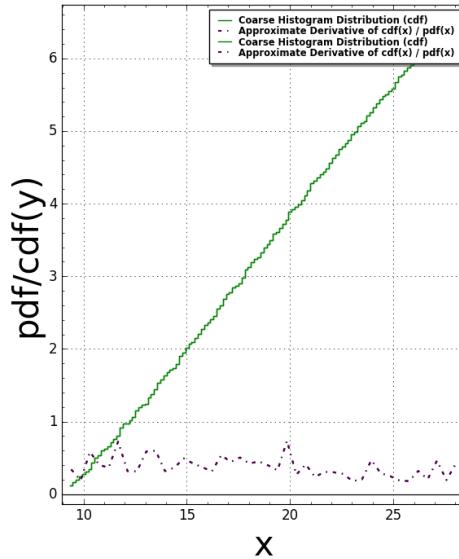Time Taken: 10.1615 sec (0.169358 mins)

Pentagon4(N:=4) Pair Correlation:
#bins=125, #tiling points = 569
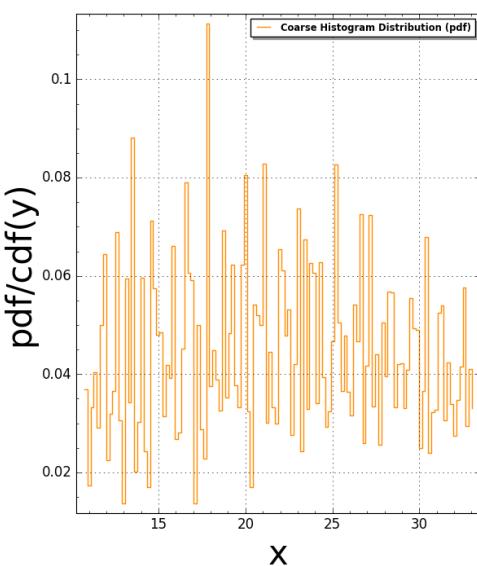Time Taken: 10.1615 sec (0.169358 mins)

Pentagon4(N:=5) Pair Correlation:
#bins=125, #tiling points = 829
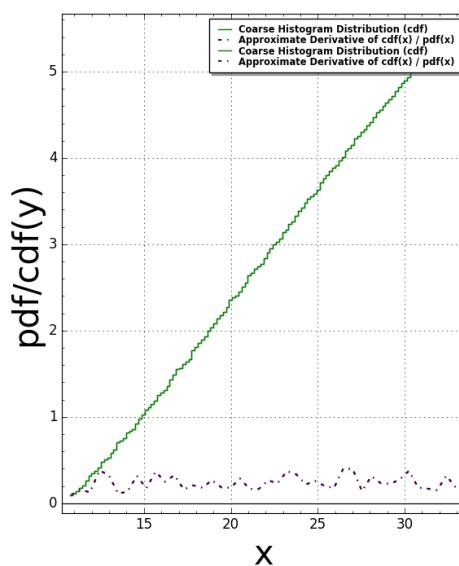Time Taken: 12.8945 sec (0.214908 mins)

Pentagon4(N:=5) Pair Correlation:
#bins=125, #tiling points = 829
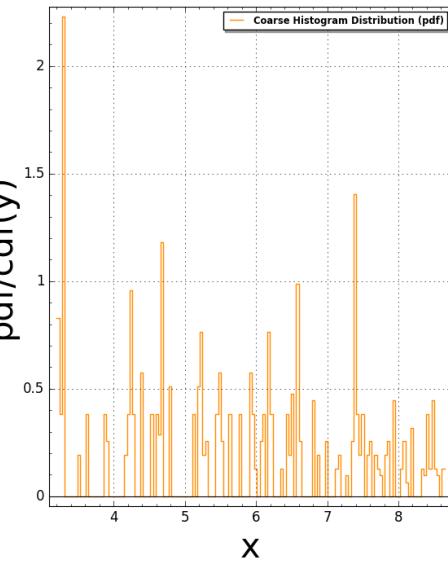Time Taken: 12.8945 sec (0.214908 mins)

Pentagon4(N:=6) Pair Correlation:
#bins=125, #tiling points = 1139
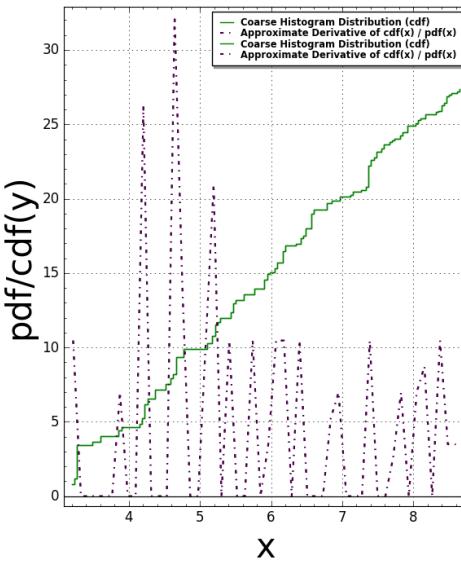Time Taken: 18.4316 sec (0.307193 mins)

Pentagon4(N:=6) Pair Correlation:
#bins=125, #tiling points = 1139
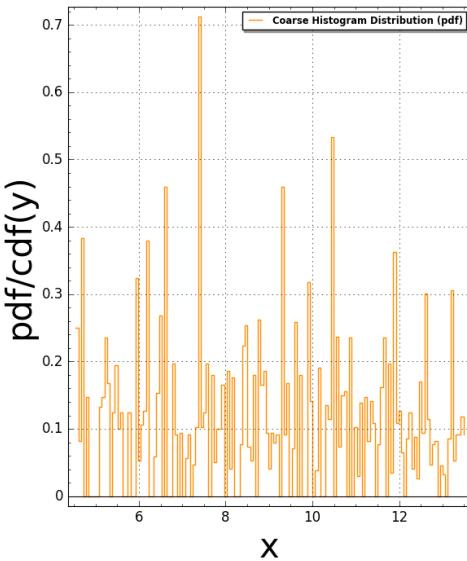Time Taken: 18.4316 sec (0.307193 mins)

Pentagon4(N:=1) Pair Correlation:
#bins=150, #tiling points = 73
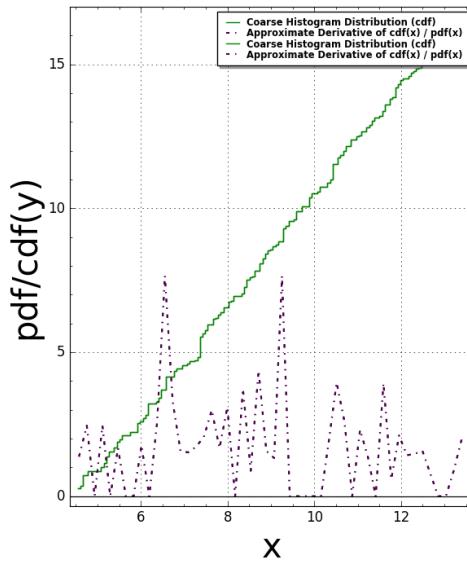Time Taken: 5.30558 sec (0.0884263 mins)

Pentagon4(N:=1) Pair Correlation:
#bins=150, #tiling points = 73
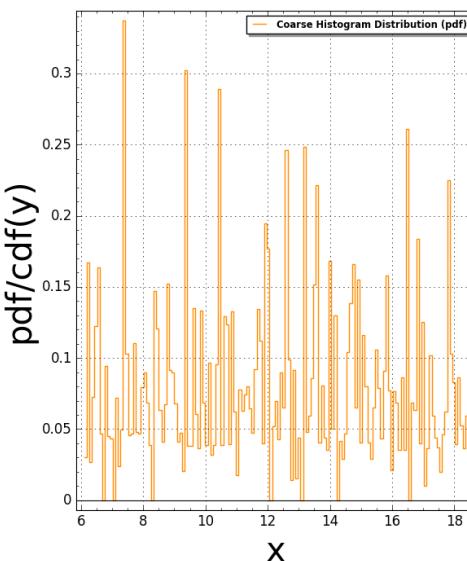Time Taken: 5.30558 sec (0.0884263 mins)

Pentagon4(N:=2) Pair Correlation:
#bins=150, #tiling points = 187
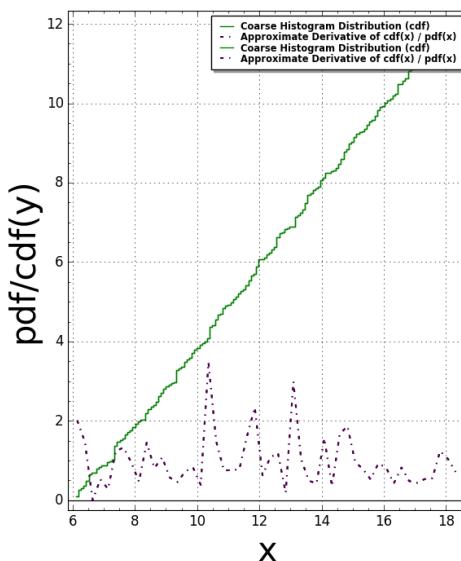Time Taken: 6.21469 sec (0.103578 mins)

Pentagon4(N:=2) Pair Correlation:
#bins=150, #tiling points = 187
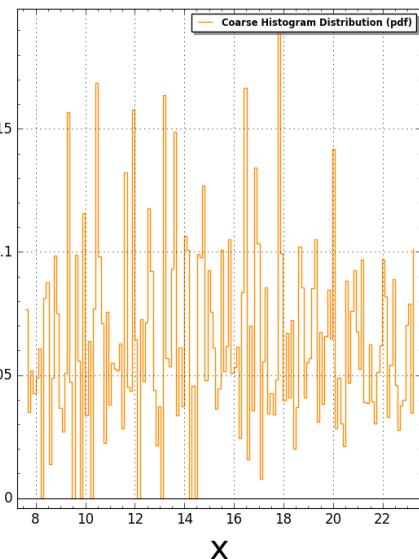Time Taken: 6.21469 sec (0.103578 mins)

Pentagon4(N:=3) Pair Correlation:
#bins=150, #tiling points = 351
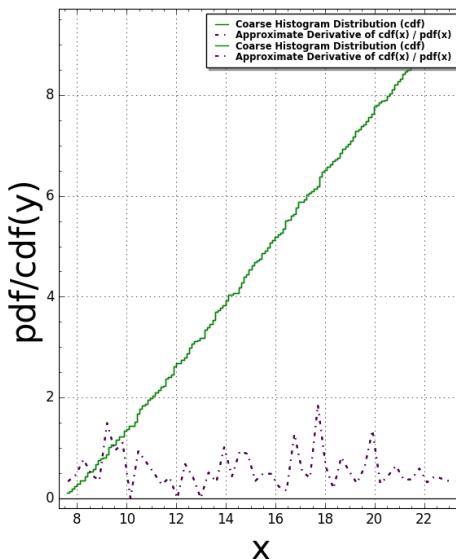Time Taken: 7.96365 sec (0.132728 mins)

Pentagon4(N:=3) Pair Correlation:
#bins=150, #tiling points = 351
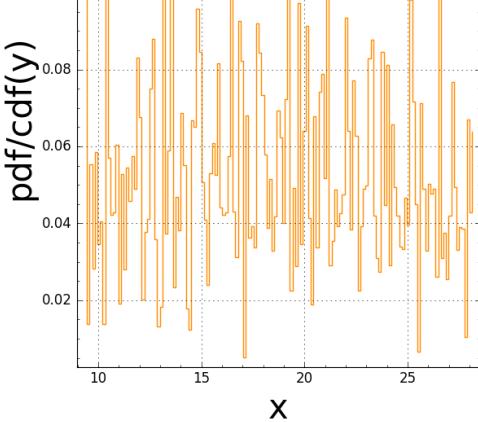Time Taken: 7.96365 sec (0.132728 mins)

Pentagon4(N:=4) Pair Correlation:
#bins=150, #tiling points = 569
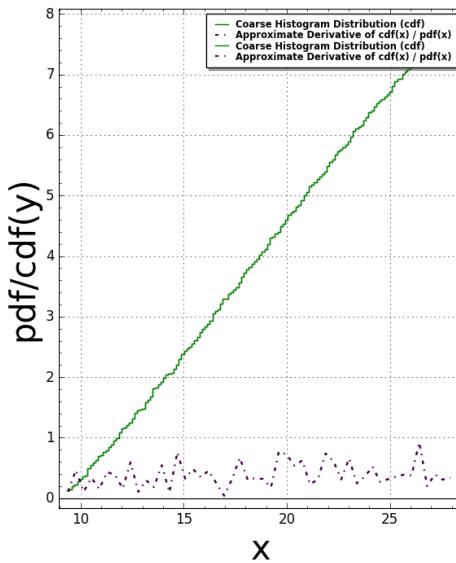Time Taken: 10.9888 sec (0.183146 mins)

Pentagon4(N:=4) Pair Correlation:
#bins=150, #tiling points = 569
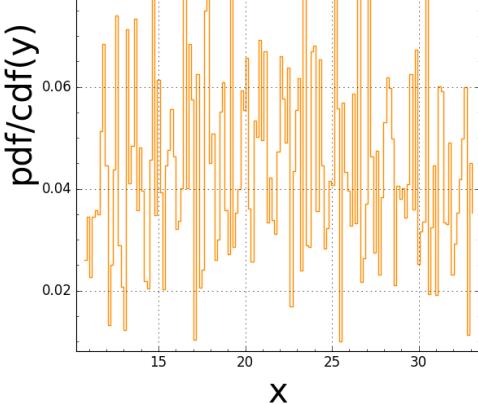Time Taken: 10.9888 sec (0.183146 mins)

Pentagon4(N:=5) Pair Correlation:
#bins=150, #tiling points = 829
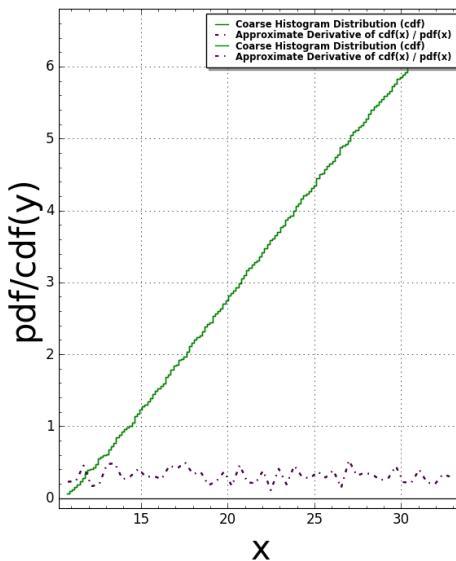Time Taken: 13.6022 sec (0.226704 mins)

Pentagon4(N:=5) Pair Correlation:
#bins=150, #tiling points = 829
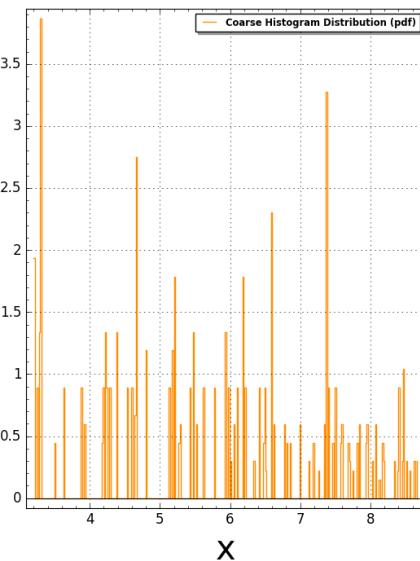Time Taken: 13.6022 sec (0.226704 mins)

Pentagon4(N:=6) Pair Correlation:
#bins=150, #tiling points = 1139
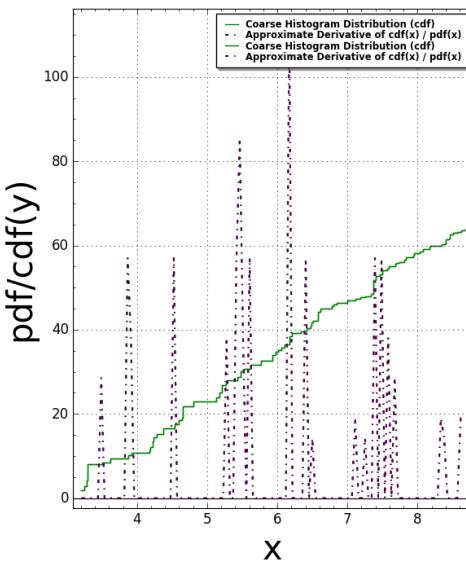Time Taken: 19.2755 sec (0.321258 mins)

Pentagon4(N:=6) Pair Correlation:
#bins=150, #tiling points = 1139
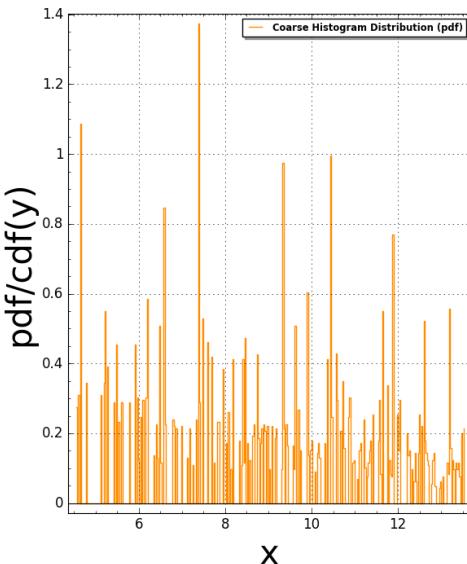Time Taken: 19.2755 sec (0.321258 mins)

Pentagon4(N:=1) Pair Correlation:
#bins=350, #tiling points = 73
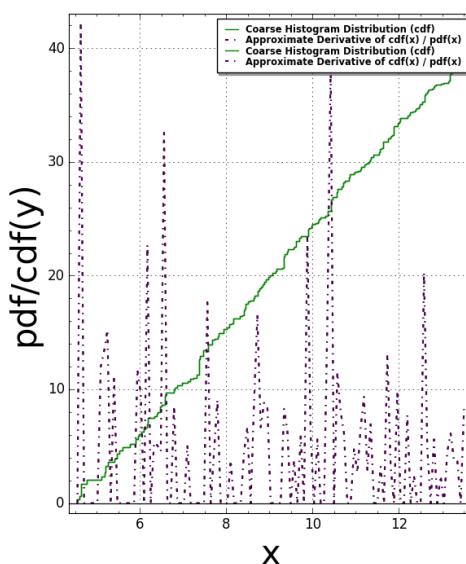Time Taken: 7.22749 sec (0.120458 mins)

Pentagon4(N:=1) Pair Correlation:
#bins=350, #tiling points = 73
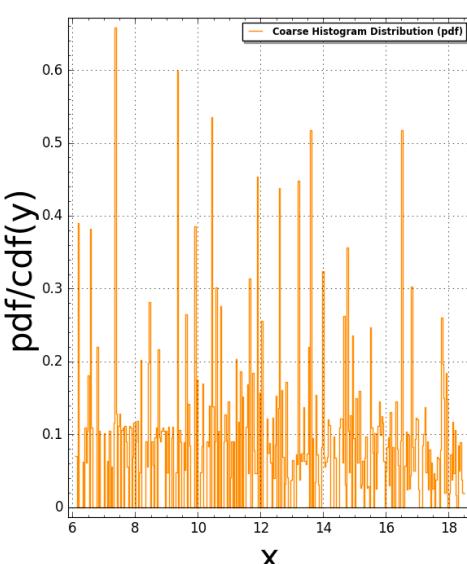Time Taken: 7.22749 sec (0.120458 mins)

Pentagon4(N:=2) Pair Correlation:
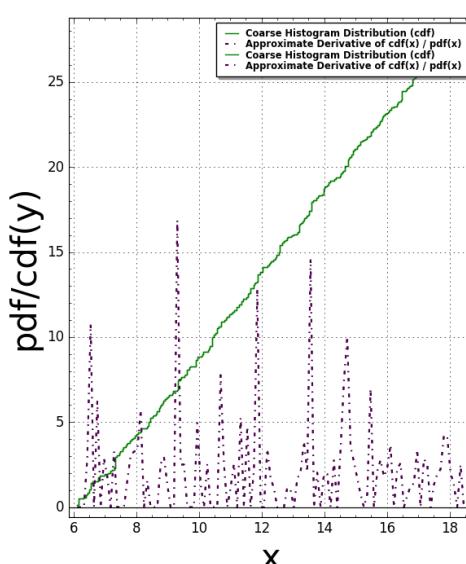#bins=350, #tiling points = 187
Time Taken: 7.94083 sec (0.132347 mins)

Pentagon4(N:=2) Pair Correlation:
#bins=350, #tiling points = 187
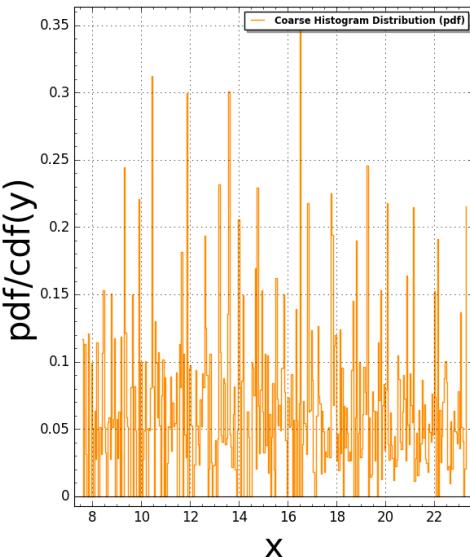Time Taken: 7.94083 sec (0.132347 mins)

Pentagon4(N:=3) Pair Correlation:
#bins=350, #tiling points = 351
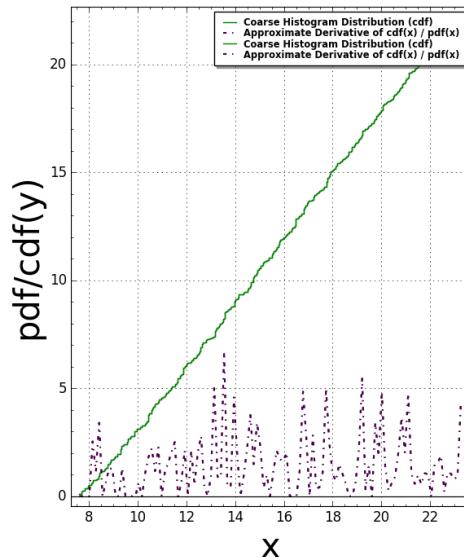Time Taken: 9.7696 sec (0.162827 mins)

Pentagon4(N:=3) Pair Correlation:
#bins=350, #tiling points = 351
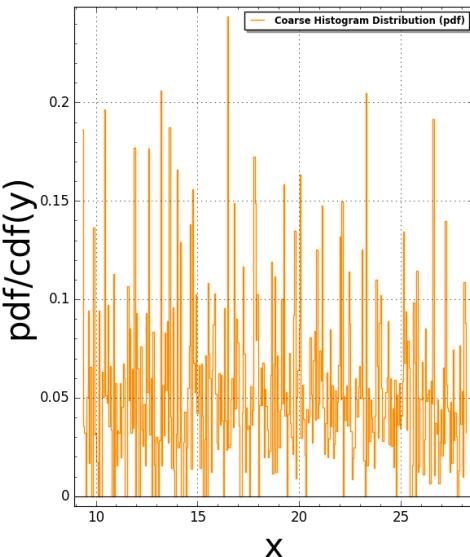Time Taken: 9.7696 sec (0.162827 mins)

Pentagon4(N:=4) Pair Correlation:
#bins=350, #tiling points = 569
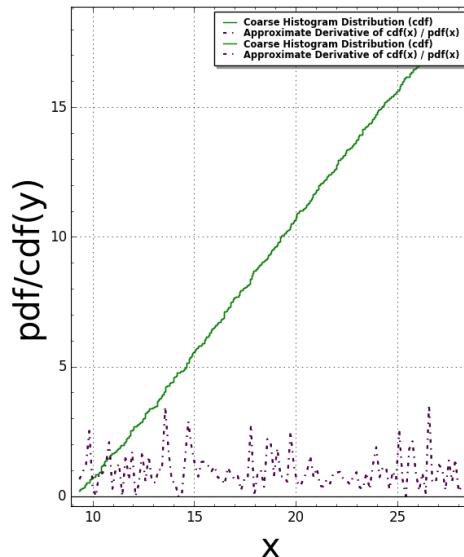Time Taken: 13.0123 sec (0.216872 mins)

Pentagon4(N:=4) Pair Correlation:
#bins=350, #tiling points = 569
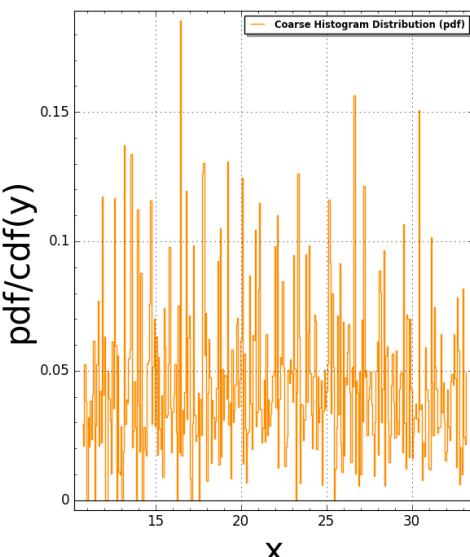Time Taken: 13.0123 sec (0.216872 mins)

Pentagon4(N:=5) Pair Correlation:
#bins=350, #tiling points = 829
Time Taken: 15.8026 sec (0.263377 mins)

Pentagon4(N:=5) Pair Correlation:
#bins=350, #tiling points = 829
Time Taken: 15.8026 sec (0.263377 mins)

Pentagon4(N:=6) Pair Correlation:
#bins=350, #tiling points = 1139
Time Taken: 21.9934 sec (0.366557 mins)

Pentagon4(N:=6) Pair Correlation:
#bins=350, #tiling points = 1139
Time Taken: 21.9934 sec (0.366557 mins)