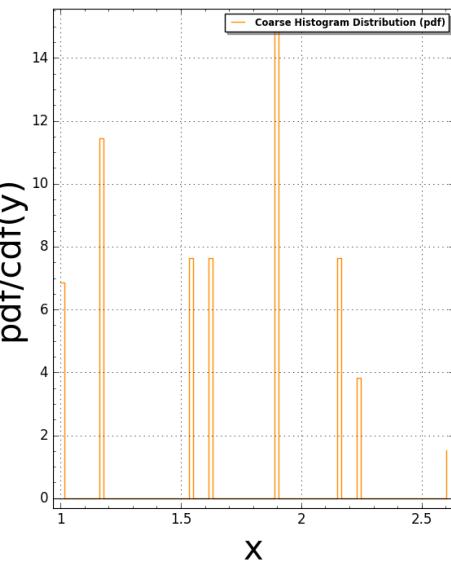**Penrose(N:=1) Pair Correlation:**
#bins=100, #tiling points = 16
Time Taken: 3.78265 sec (0.0630441 mins)

Coarse Histogram Distribution (pdf)

Penrose(N:=1) Pair Correlation:
#bins=100, #tiling points = 16
Time Taken: 3.78265 sec (0.0630441 mins)

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

Penrose(N:=2) Pair Correlation:
#bins=100, #tiling points = 36
Time Taken: 4.05473 sec (0.0675788 mins)

Coarse Histogram Distribution (pdf)

Penrose(N:=2) Pair Correlation:
#bins=100, #tiling points = 36
Time Taken: 4.05473 sec (0.0675788 mins)

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

Penrose(N:=3) Pair Correlation:
#bins=100, #tiling points = 86
Time Taken: 4.76549 sec (0.0794248 mins)

Coarse Histogram Distribution (pdf)

Penrose(N:=3) Pair Correlation:
#bins=100, #tiling points = 86
Time Taken: 4.76549 sec (0.0794248 mins)

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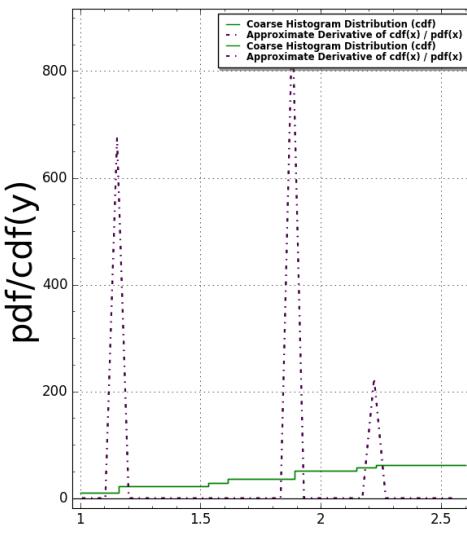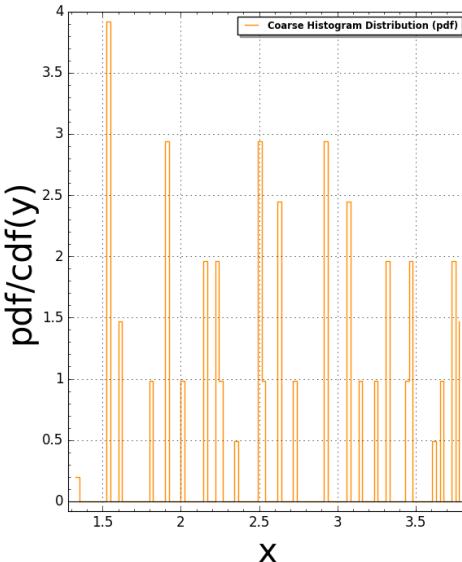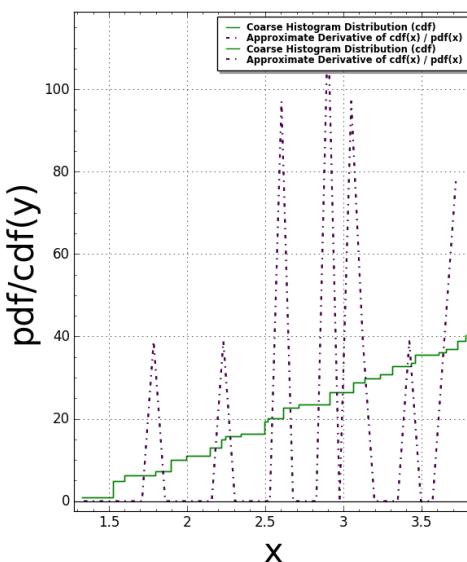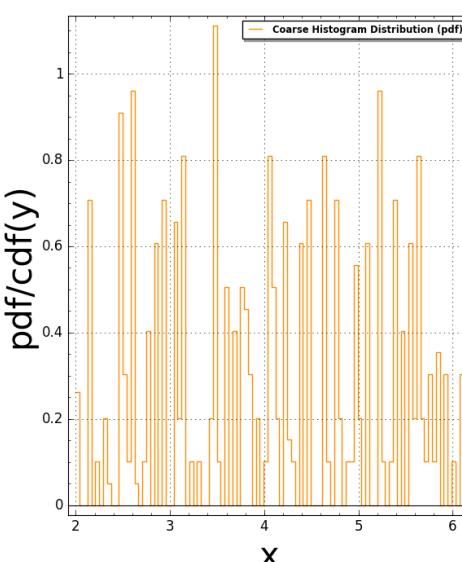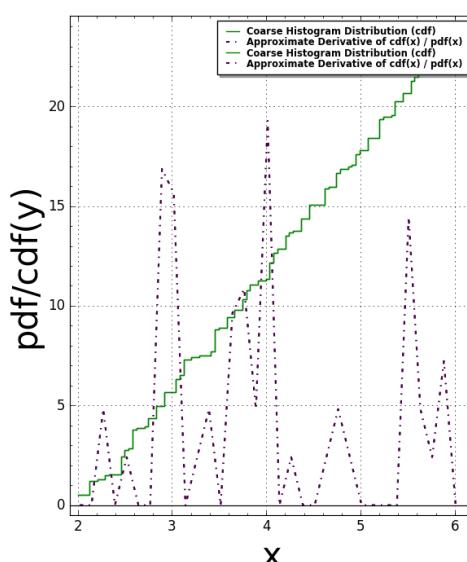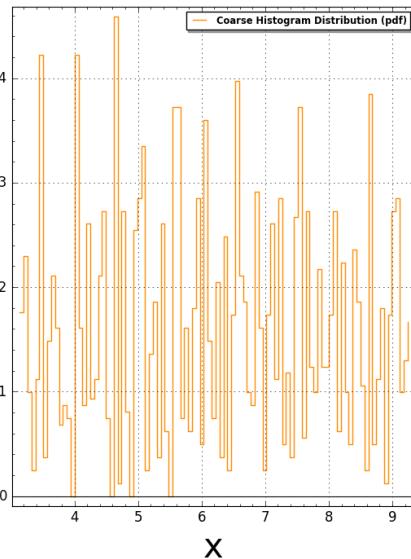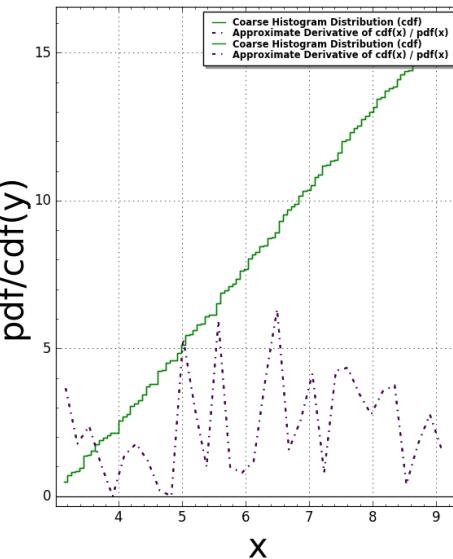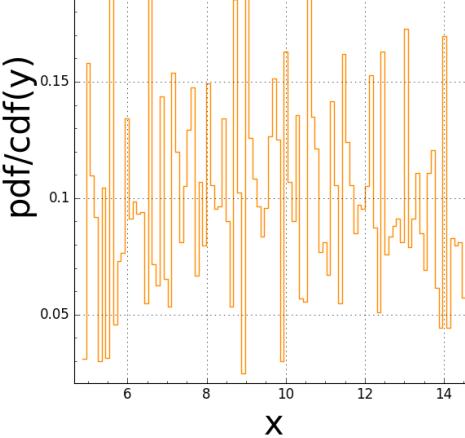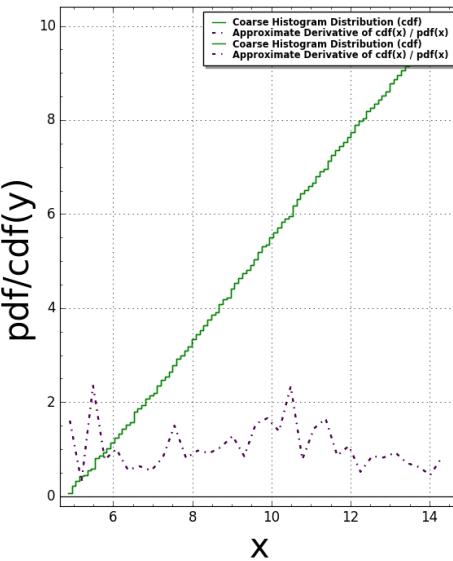Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=4) Pair Correlation:
#bins=100, #tiling points = 201
Time Taken: 6.9446 sec (0.115743 mins)

Penrose(N:=4) Pair Correlation:
#bins=100, #tiling points = 201
Time Taken: 6.9446 sec (0.115743 mins)

Coarse Histogram Distribution (pdf)

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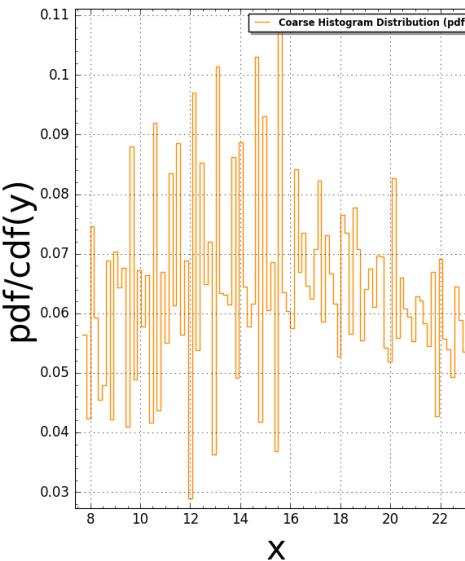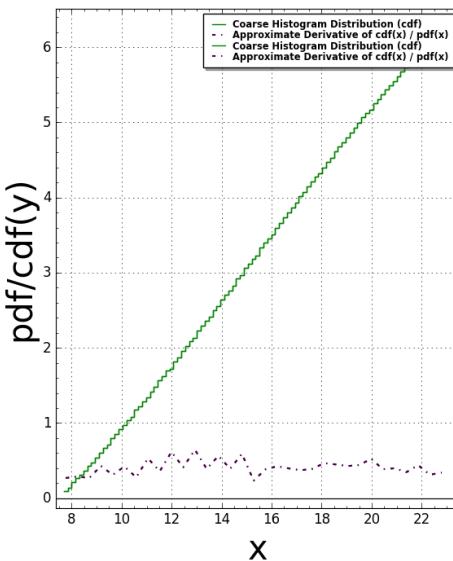Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=5) Pair Correlation:
#bins=100, #tiling points = 491
Time Taken: 13.807 sec (0.230117 mins)

Penrose(N:=5) Pair Correlation:
#bins=100, #tiling points = 491
Time Taken: 13.807 sec (0.230117 mins)

Coarse Histogram Distribution (pdf)

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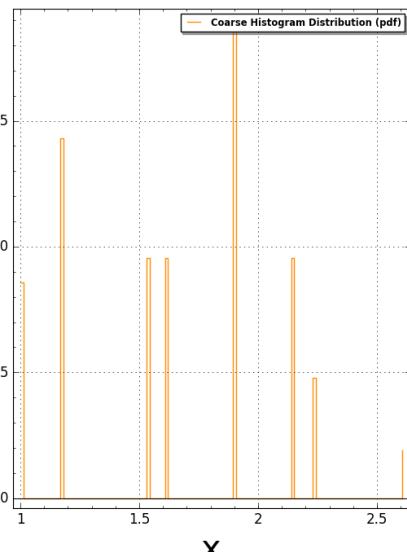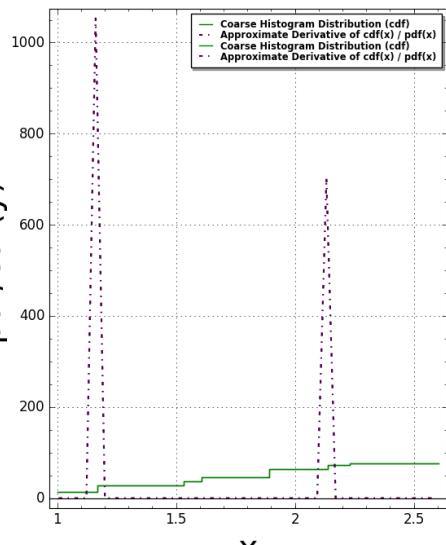Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=6) Pair Correlation:
#bins=100, #tiling points = 1241
Time Taken: 41.8496 sec (0.697493 mins)

Penrose(N:=6) Pair Correlation:
#bins=100, #tiling points = 1241
Time Taken: 41.8496 sec (0.697493 mins)

Coarse Histogram Distribution (pdf)

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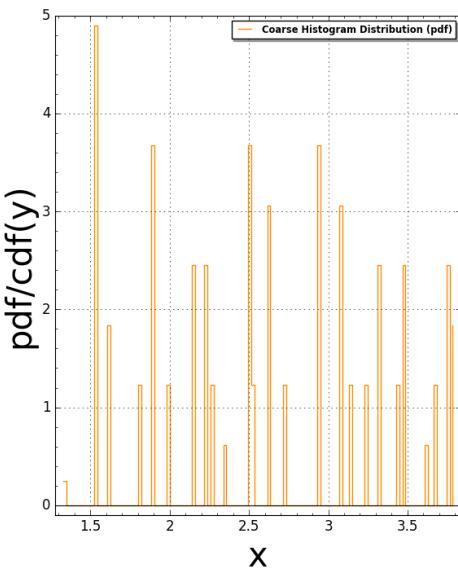Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=1) Pair Correlation:
#bins=125, #tiling points = 16
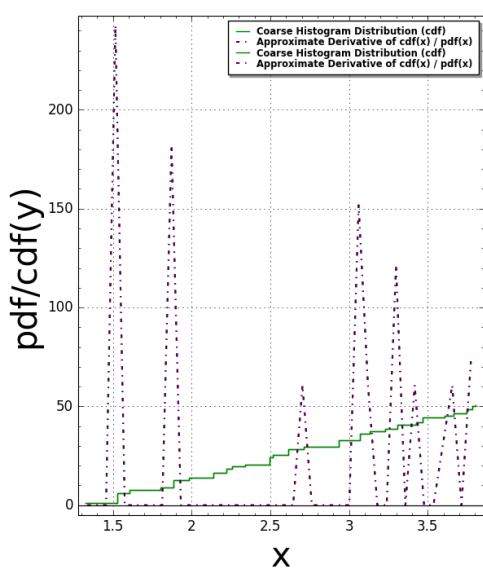Time Taken: 4.31342 sec (0.0718903 mins)

Penrose(N:=1) Pair Correlation:
#bins=125, #tiling points = 16
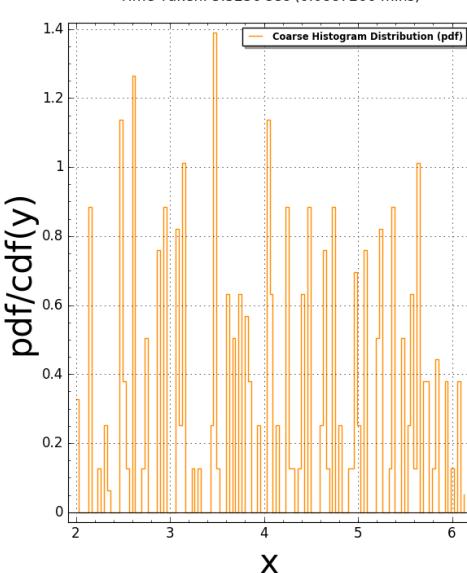Time Taken: 4.31342 sec (0.0718903 mins)

Penrose(N:=2) Pair Correlation:
#bins=125, #tiling points = 36
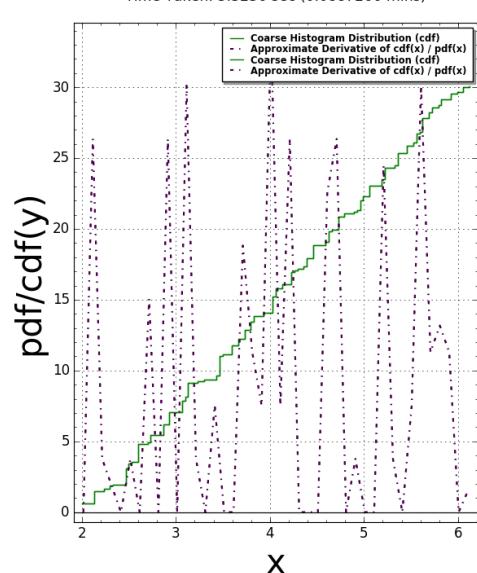Time Taken: 4.67599 sec (0.0779332 mins)

Penrose(N:=2) Pair Correlation:
#bins=125, #tiling points = 36
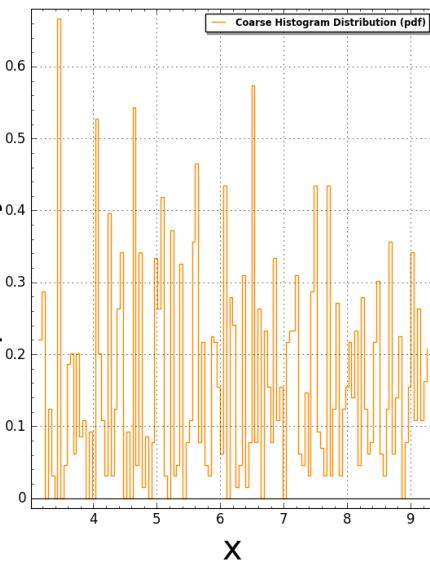Time Taken: 4.67599 sec (0.0779332 mins)

Penrose(N:=3) Pair Correlation:
#bins=125, #tiling points = 86
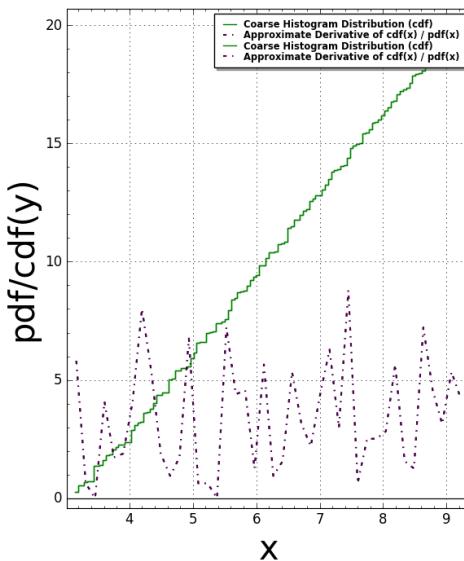Time Taken: 5.3236 sec (0.0887266 mins)

Penrose(N:=3) Pair Correlation:
#bins=125, #tiling points = 86
Time Taken: 5.3236 sec (0.0887266 mins)

Coarse Histogram Distribution (pdf)

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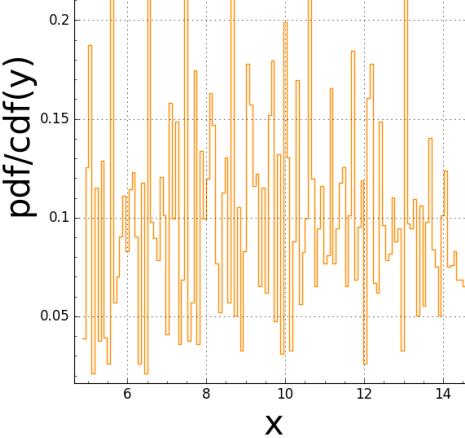Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=4) Pair Correlation:
#bins=125, #tiling points = 201
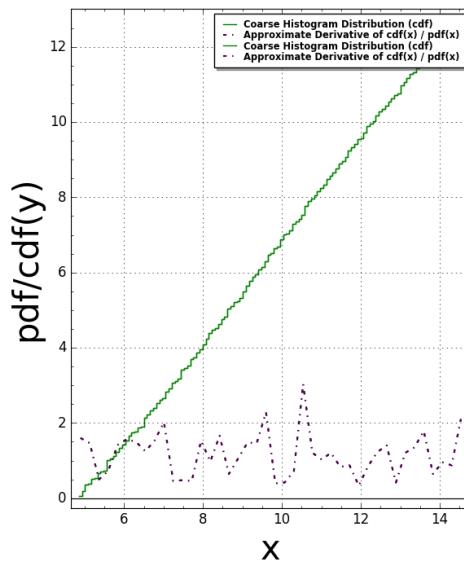Time Taken: 7.63142 sec (0.12719 mins)

Penrose(N:=4) Pair Correlation:
#bins=125, #tiling points = 201
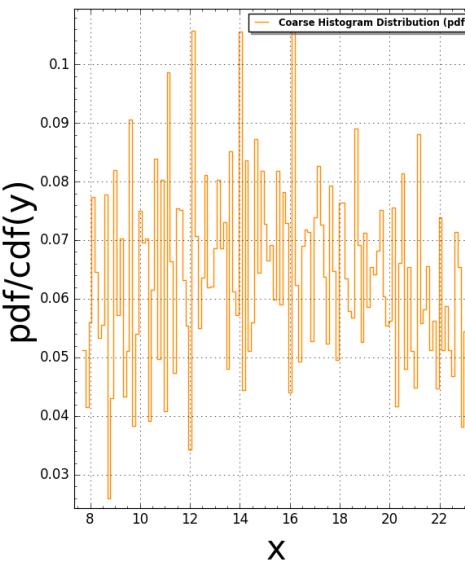Time Taken: 7.63142 sec (0.12719 mins)

Penrose(N:=5) Pair Correlation:
#bins=125, #tiling points = 491
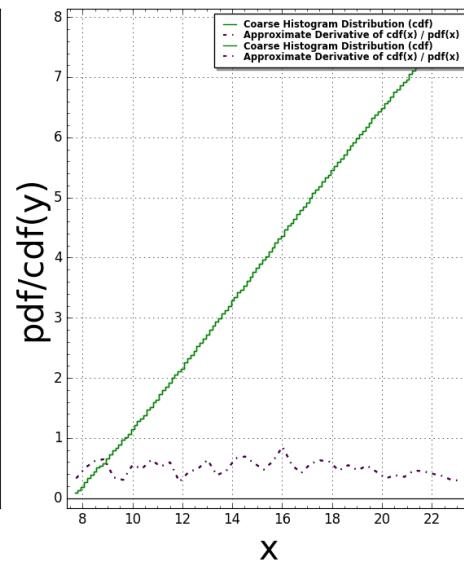Time Taken: 14.3666 sec (0.239443 mins)

Penrose(N:=5) Pair Correlation:
#bins=125, #tiling points = 491
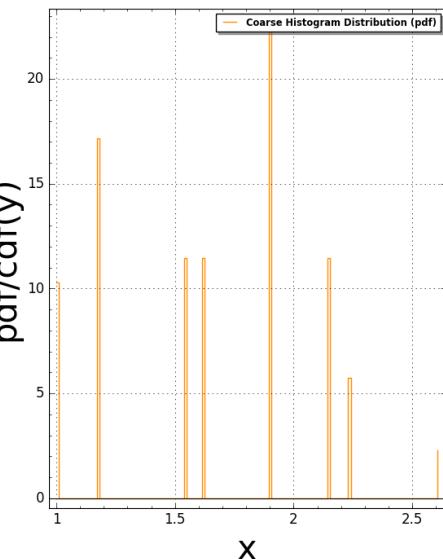Time Taken: 14.3666 sec (0.239443 mins)

Penrose(N:=6) Pair Correlation:
#bins=125, #tiling points = 1241
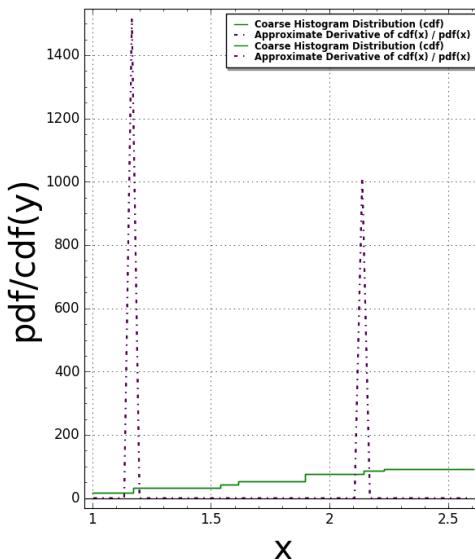Time Taken: 42.8805 sec (0.714675 mins)

Penrose(N:=6) Pair Correlation:
#bins=125, #tiling points = 1241
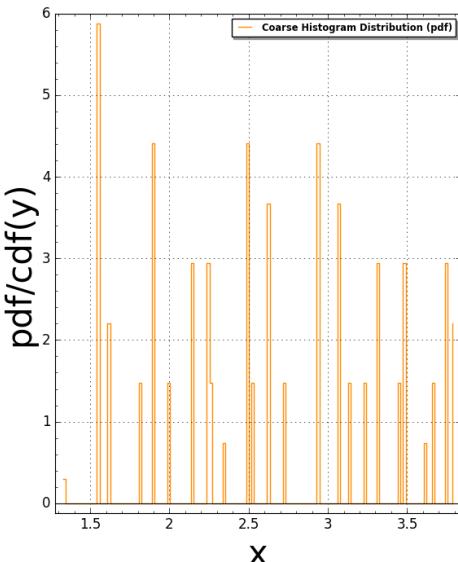Time Taken: 42.8805 sec (0.714675 mins)

Penrose(N:=1) Pair Correlation:
#bins=150, #tiling points = 16
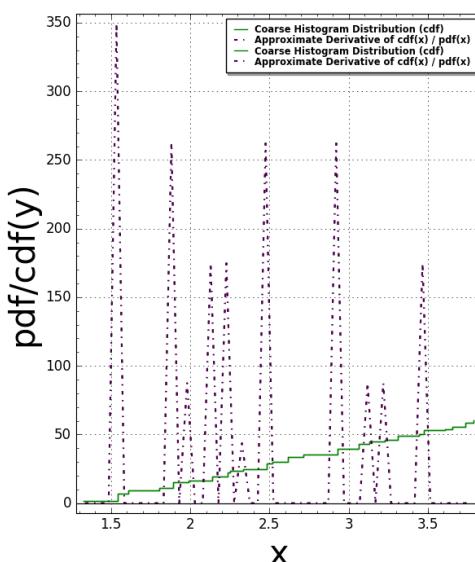Time Taken: 4.81765 sec (0.0802941 mins)

Penrose(N:=1) Pair Correlation:
#bins=150, #tiling points = 16
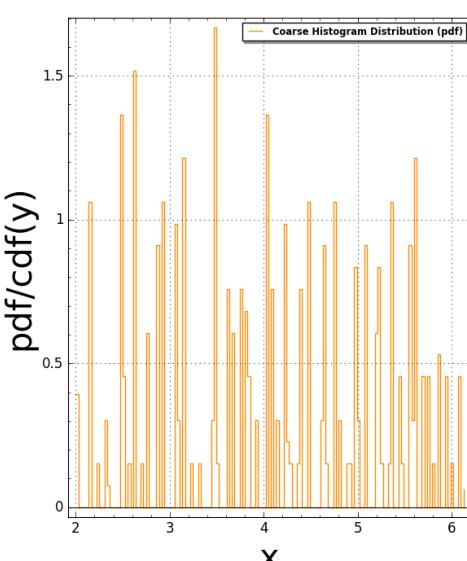Time Taken: 4.81765 sec (0.0802941 mins)

Penrose(N:=2) Pair Correlation:
#bins=150, #tiling points = 36
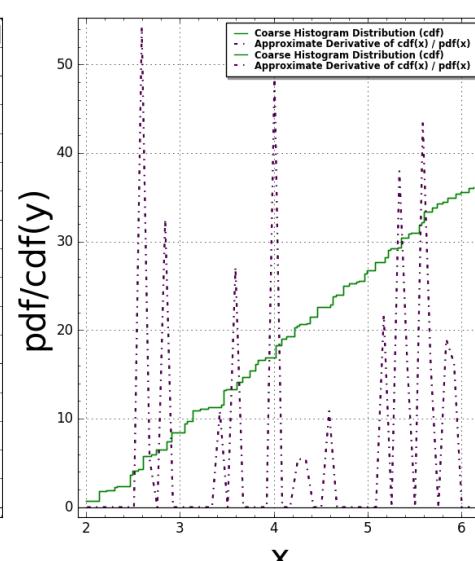Time Taken: 5.24855 sec (0.0874758 mins)

Penrose(N:=2) Pair Correlation:
#bins=150, #tiling points = 36
Time Taken: 5.24855 sec (0.0874758 mins)

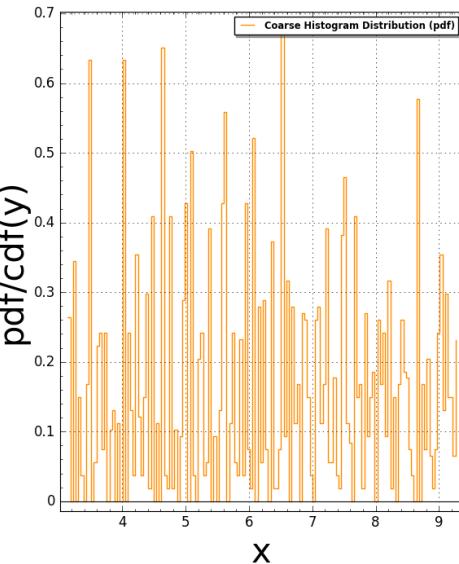Penrose(N:=3) Pair Correlation:
#bins=150, #tiling points = 86
Time Taken: 6.04937 sec (0.100823 mins)

Penrose(N:=3) Pair Correlation:
#bins=150, #tiling points = 86
Time Taken: 6.04937 sec (0.100823 mins)

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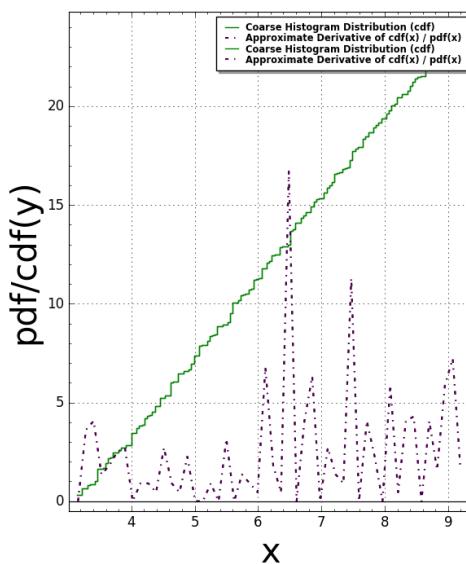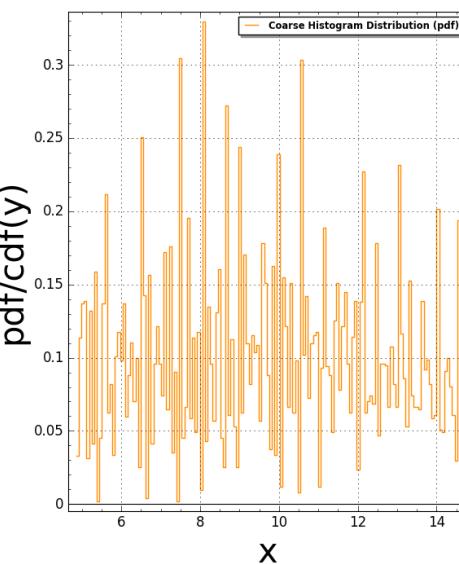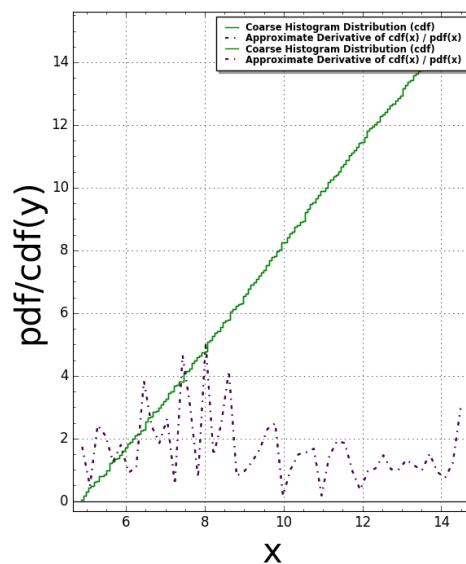- Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=4) Pair Correlation:
#bins=150, #tiling points = 201
Time Taken: 8.24639 sec (0.13744 mins)

Penrose(N:=4) Pair Correlation:
#bins=150, #tiling points = 201
Time Taken: 8.24639 sec (0.13744 mins)

Coarse Histogram Distribution (pdf)

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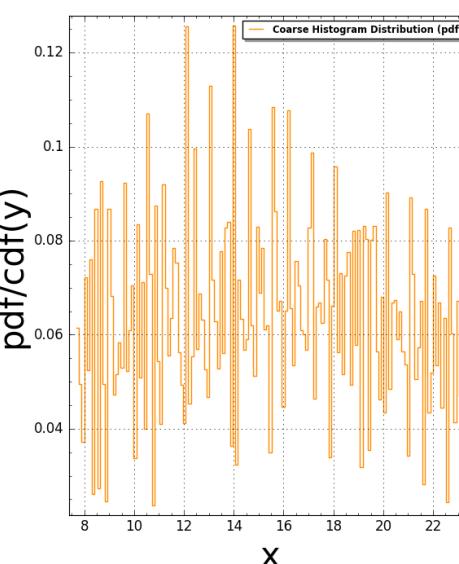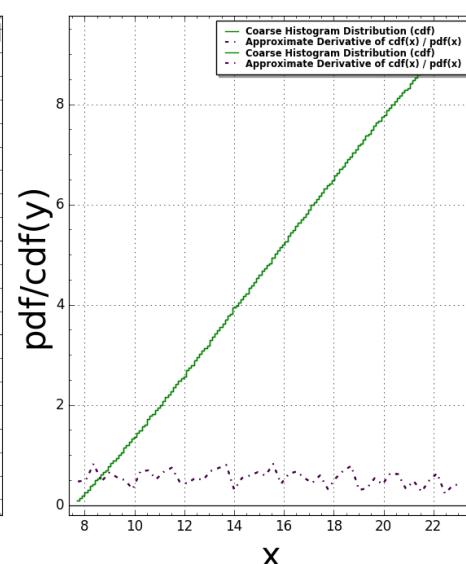Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=5) Pair Correlation:
#bins=150, #tiling points = 491
Time Taken: 14.9669 sec (0.249448 mins)

Penrose(N:=5) Pair Correlation:
#bins=150, #tiling points = 491
Time Taken: 14.9669 sec (0.249448 mins)

Coarse Histogram Distribution (pdf)

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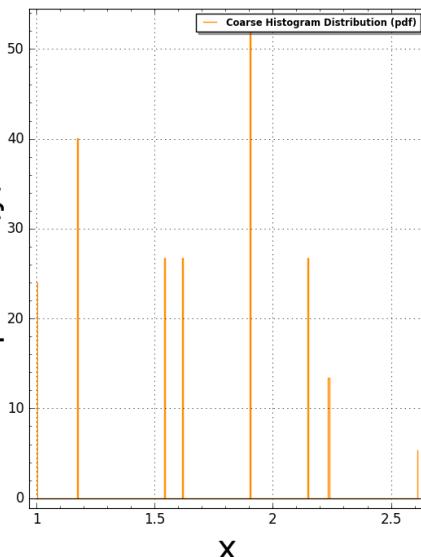Approximate Derivative of cdf(x) / pdf(x)

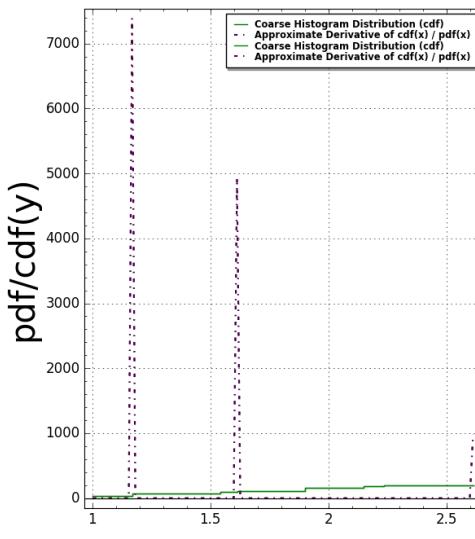Penrose(N:=6) Pair Correlation:
#bins=150, #tiling points = 1241
Time Taken: 43.9446 sec (0.732409 mins)

Penrose(N:=6) Pair Correlation:
#bins=150, #tiling points = 1241
Time Taken: 43.9446 sec (0.732409 mins)

Coarse Histogram Distribution (pdf)

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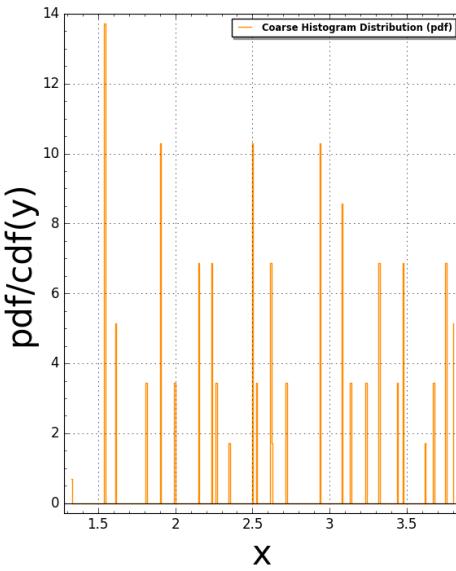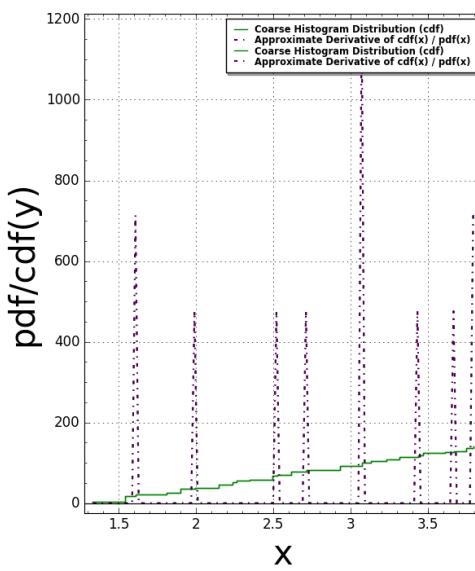Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=1) Pair Correlation:
#bins=350, #tiling points = 16
Time Taken: 6.56404 sec (0.109401 mins)

Penrose(N:=1) Pair Correlation:
#bins=350, #tiling points = 16
Time Taken: 6.56404 sec (0.109401 mins)

Coarse Histogram Distribution (pdf)

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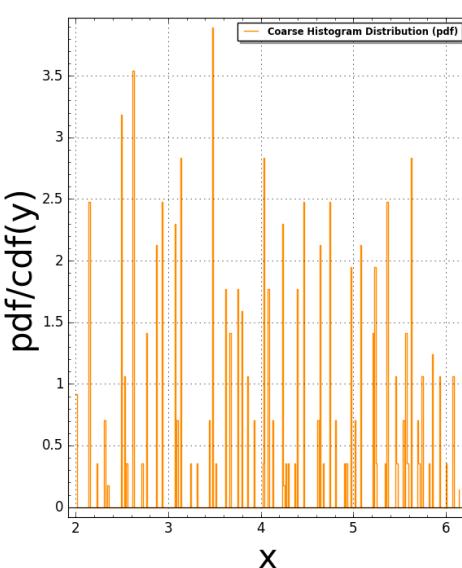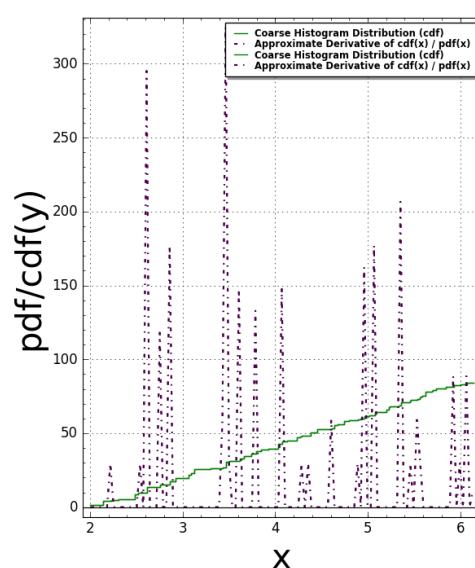Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=2) Pair Correlation:
#bins=350, #tiling points = 36
Time Taken: 7.18182 sec (0.119697 mins)

Penrose(N:=2) Pair Correlation:
#bins=350, #tiling points = 36
Time Taken: 7.18182 sec (0.119697 mins)

Coarse Histogram Distribution (pdf)

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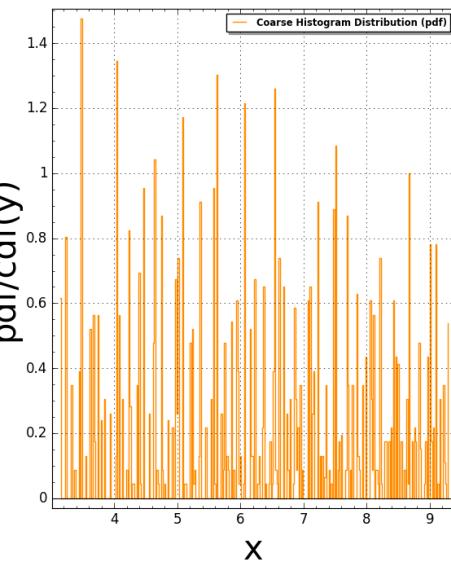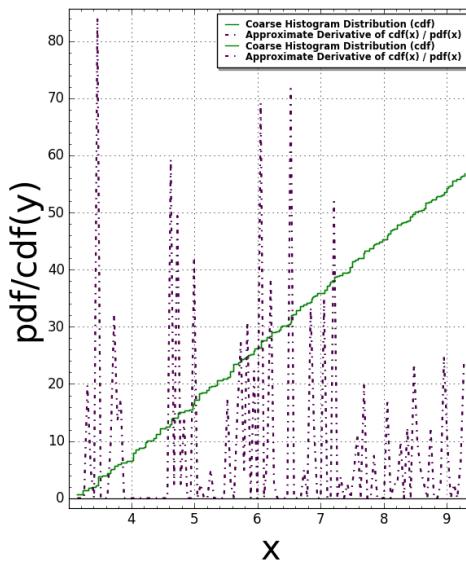Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=3) Pair Correlation:
#bins=350, #tiling points = 86
Time Taken: 7.87833 sec (0.131305 mins)

Penrose(N:=3) Pair Correlation:
#bins=350, #tiling points = 86
Time Taken: 7.87833 sec (0.131305 mins)

Coarse Histogram Distribution (pdf)

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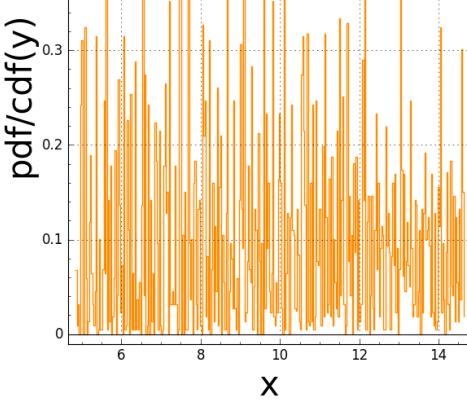Approximate Derivative of cdf(x) / pdf(x)

Penrose(N:=4) Pair Correlation:
#bins=350, #tiling points = 201
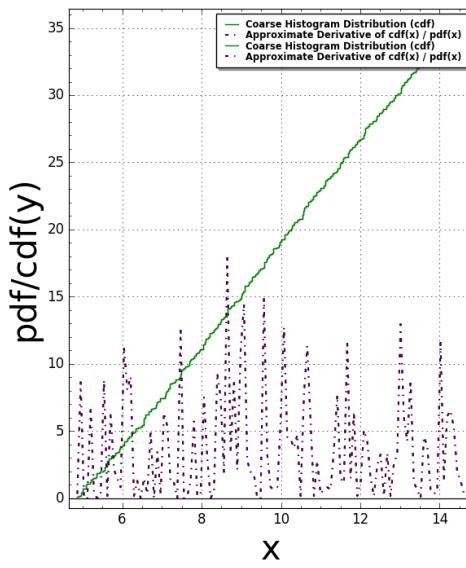Time Taken: 10.2376 sec (0.170626 mins)

Penrose(N:=4) Pair Correlation:
#bins=350, #tiling points = 201
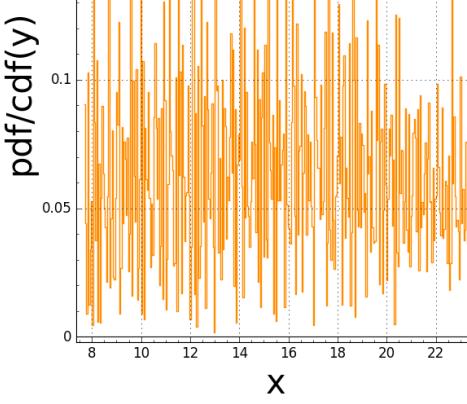Time Taken: 10.2376 sec (0.170626 mins)

Penrose(N:=5) Pair Correlation:
#bins=350, #tiling points = 491
Time Taken: 16.9958 sec (0.283264 mins)

Penrose(N:=5) Pair Correlation:
#bins=350, #tiling points = 491
Time Taken: 16.9958 sec (0.283264 mins)

Penrose(N:=6) Pair Correlation:
#bins=350, #tiling points = 1241
Time Taken: 47.6951 sec (0.794918 mins)

Penrose(N:=6) Pair Correlation:
#bins=350, #tiling points = 1241
Time Taken: 47.6951 sec (0.794918 mins)