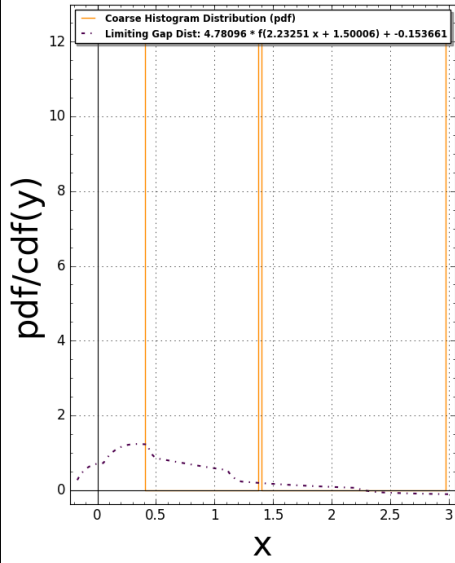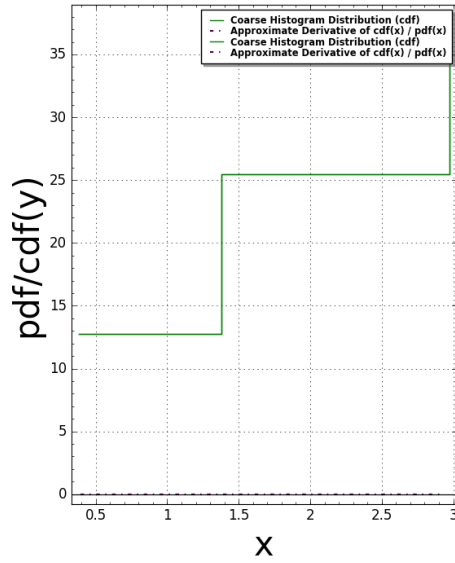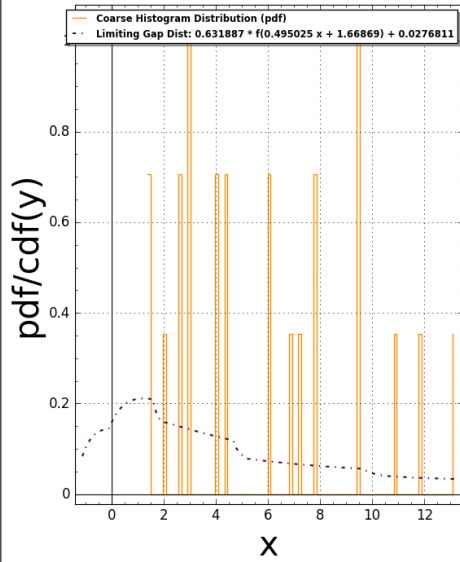SaddleConnGoldenL(N:=1) Pair Correlation (Squared):
#bins=100, #tiling points = 3
Time Taken: 15.3766 sec (0.256276 mins)

SaddleConnGoldenL(N:=1) Pair Correlation (Squared):
#bins=100, #tiling points = 3
Time Taken: 15.3766 sec (0.256276 mins)

— Coarse Histogram Distribution (pdf)
.... Limiting Gap Dist: 4.78096 * f(2.23251 x + 1.50006) + -0.153661

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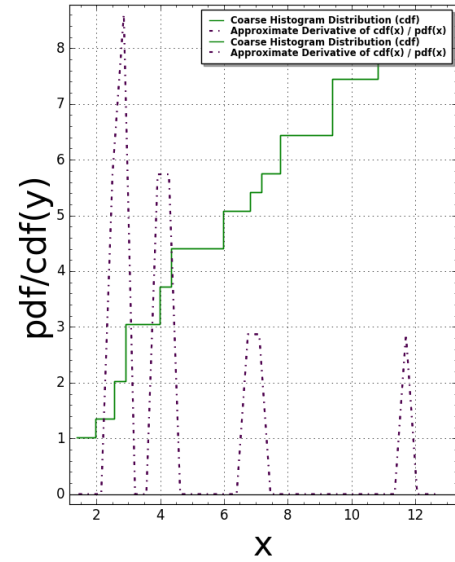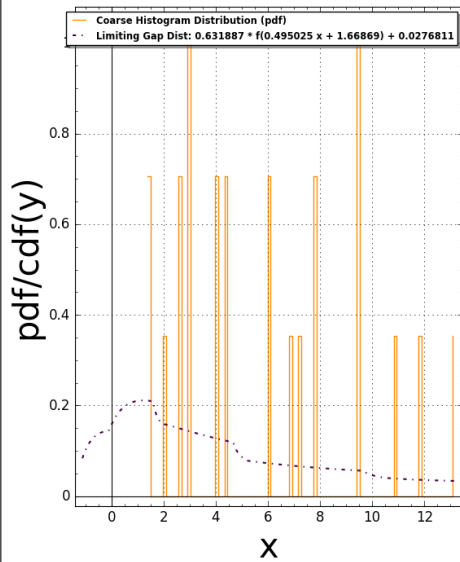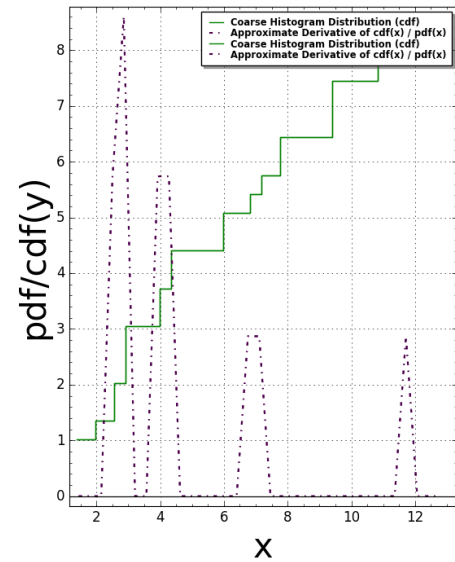.... Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=2) Pair Correlation (Squared):
#bins=100, #tiling points = 9
Time Taken: 15.6396 sec (0.26066 mins)

SaddleConnGoldenL(N:=2) Pair Correlation (Squared):
#bins=100, #tiling points = 9
Time Taken: 15.6396 sec (0.26066 mins)

— Coarse Histogram Distribution (pdf)
.... Limiting Gap Dist: 0.631887 * f(0.495025 x + 1.66869) + 0.0276811

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

SaddleConnGoldenL(N:=3) Pair Correlation (Squared):
#bins=100, #tiling points = 9
Time Taken: 15.4311 sec (0.257184 mins)

SaddleConnGoldenL(N:=3) Pair Correlation (Squared):
#bins=100, #tiling points = 9
Time Taken: 15.4311 sec (0.257184 mins)

— Coarse Histogram Distribution (pdf)
.... Limiting Gap Dist: 0.631887 * f(0.495025 x + 1.66869) + 0.0276811

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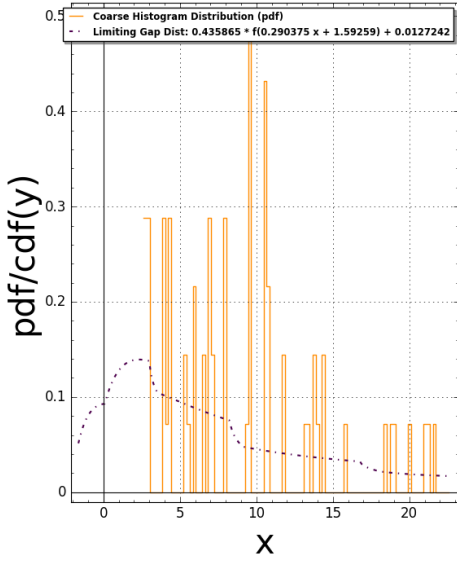.... Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=4) Pair Correlation (Squared):
#bins=100, #tiling points = 15
Time Taken: 15.8151 sec (0.263584 mins)

SaddleConnGoldenL(N:=4) Pair Correlation (Squared):
#bins=100, #tiling points = 15
Time Taken: 15.8151 sec (0.263584 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.435865 * f(0.290375 x + 1.59259) + 0.0127242

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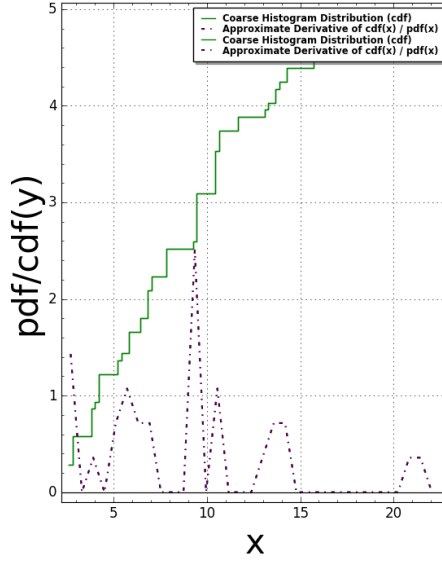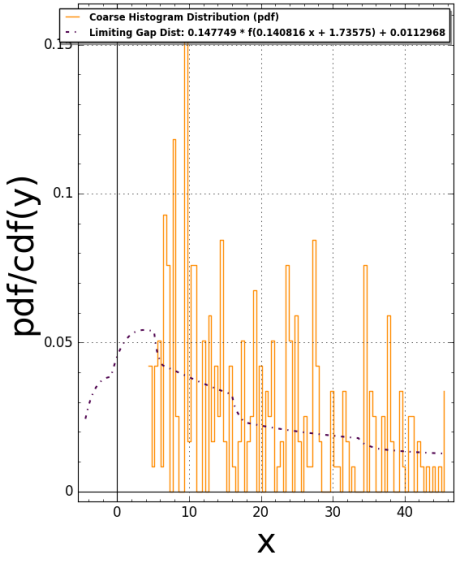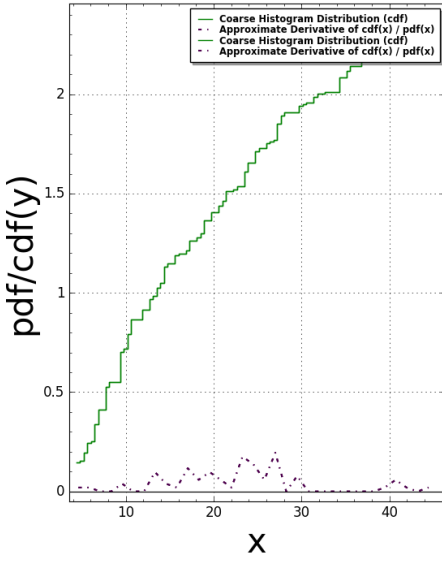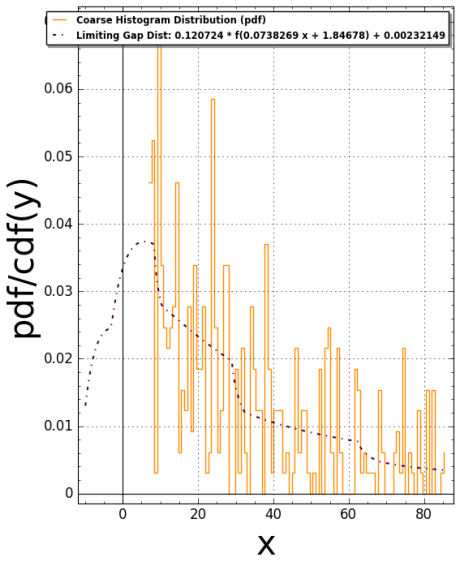Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=5) Pair Correlation (Squared):
#bins=100, #tiling points = 30
Time Taken: 16.7292 sec (0.27882 mins)

SaddleConnGoldenL(N:=5) Pair Correlation (Squared):
#bins=100, #tiling points = 30
Time Taken: 16.7292 sec (0.27882 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.147749 * f(0.140816 x + 1.73575) + 0.0112968

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

SaddleConnGoldenL(N:=6) Pair Correlation (Squared):
#bins=100, #tiling points = 36
Time Taken: 16.5224 sec (0.275373 mins)

SaddleConnGoldenL(N:=6) Pair Correlation (Squared):
#bins=100, #tiling points = 36
Time Taken: 16.5224 sec (0.275373 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.120724 * f(0.0738269 x + 1.84678) + 0.00232149

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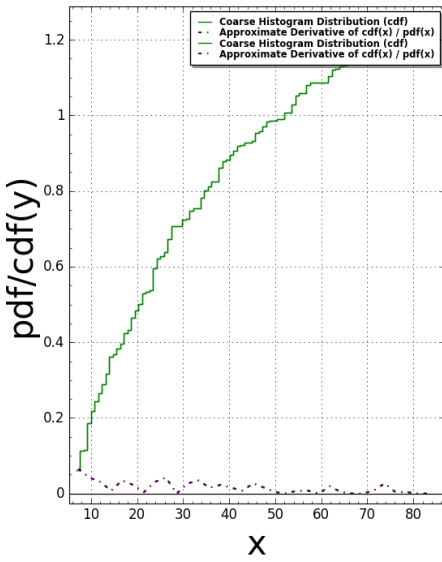Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=7) Pair Correlation (Squared):
#bins=100, #tiling points = 57
Time Taken: 16.7659 sec (0.279431 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0667947 * f(0.0634976 x + 1.8113) + 0.00520163

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

SaddleConnGoldenL(N:=8) Pair Correlation (Squared):
#bins=100, #tiling points = 60
Time Taken: 17.1053 sec (0.285088 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0730275 * f(0.0630975 x + 1.75513) + 0.00460023

Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
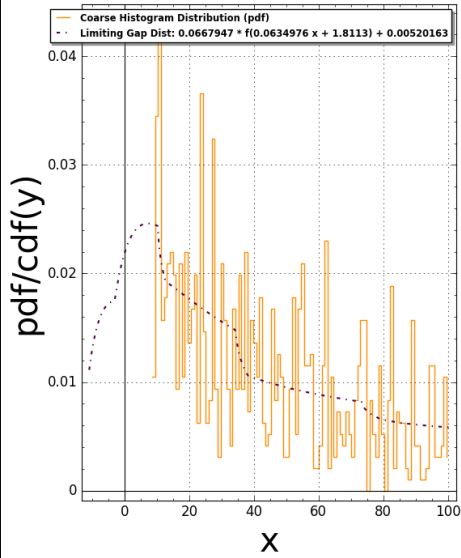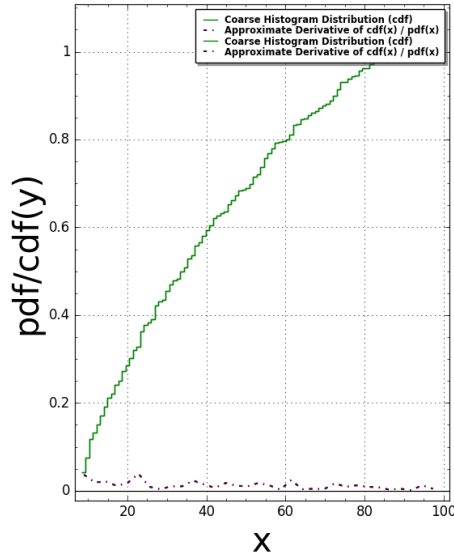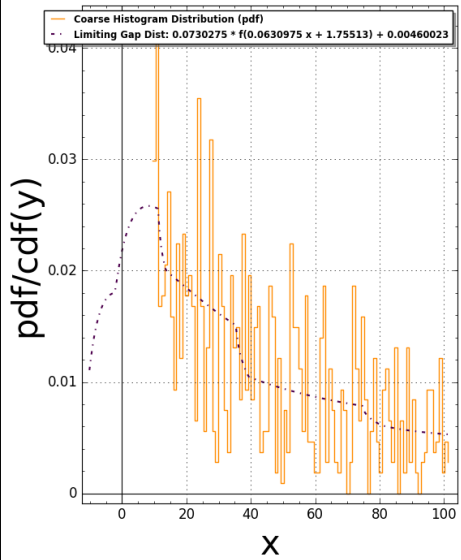
SaddleConnGoldenL(N:=9) Pair Correlation (Squared):
#bins=100, #tiling points = 81
Time Taken: 17.9264 sec (0.298773 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0488808 * f(0.0413592 x + 1.8114) + 0.00290288

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

SaddleConnGoldenL(N:=10) Pair Correlation (Squared):
#bins=100, #tiling points = 111
Time Taken: 18.6568 sec (0.310946 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0327625 * f(0.0251279 x + 1.88497) + 0.00150842

SaddleConnGoldenL(N:=10) Pair Correlation (Squared):
#bins=100, #tiling points = 111
Time Taken: 18.6568 sec (0.310946 mins)

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

SaddleConnGoldenL(N:=11) Pair Correlation (Squared):
#bins=100, #tiling points = 120
Time Taken: 19.0401 sec (0.317335 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0341819 * f(0.0263901 x + 1.85286) + 0.0016006
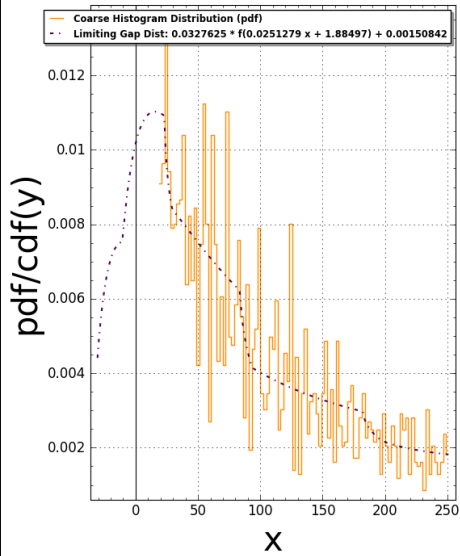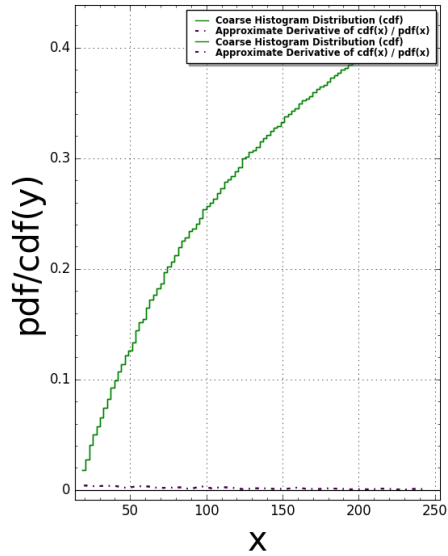
SaddleConnGoldenL(N:=11) Pair Correlation (Squared):
#bins=100, #tiling points = 120
Time Taken: 19.0401 sec (0.317335 mins)

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

SaddleConnGoldenL(N:=12) Pair Correlation (Squared):
#bins=100, #tiling points = 135
Time Taken: 19.5347 sec (0.325578 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0318395 * f(0.0261881 x + 1.8305) + 0.00177491

SaddleConnGoldenL(N:=12) Pair Correlation (Squared):
#bins=100, #tiling points = 135
Time Taken: 19.5347 sec (0.325578 mins)

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

SaddleConnGoldenL(N:=13) Pair Correlation (Squared):
#bins=100, #tiling points = 186
Time Taken: 22.2546 sec (0.37091 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0198853 * f(0.0172108 x + 1.83588) + 0.00125134

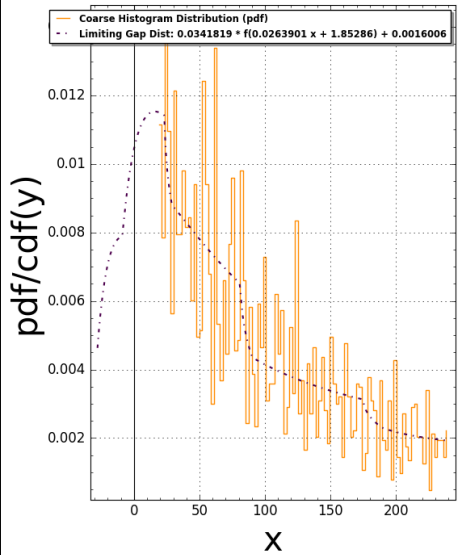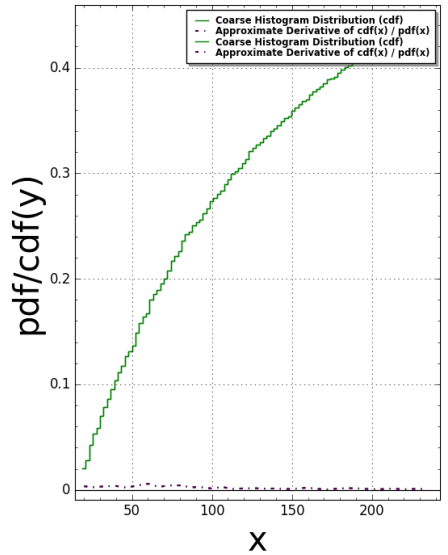SaddleConnGoldenL(N:=13) Pair Correlation (Squared):
#bins=100, #tiling points = 186
Time Taken: 22.2546 sec (0.37091 mins)

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

SaddleConnGoldenL(N:=14) Pair Correlation (Squared):
#bins=100, #tiling points = 204
Time Taken: 22.6043 sec (0.376739 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0182307 * f(0.0142116 x + 1.86576) + 0.000881453
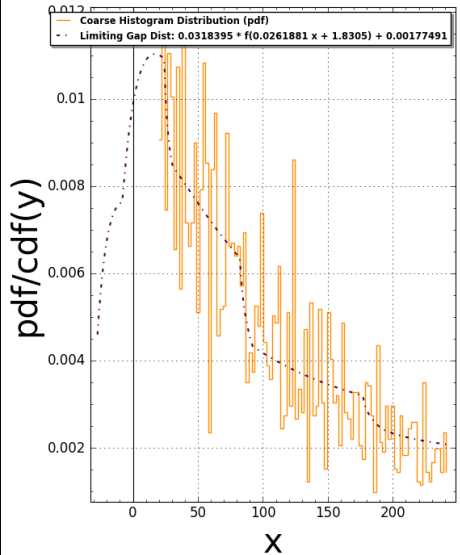
SaddleConnGoldenL(N:=14) Pair Correlation (Squared):
#bins=100, #tiling points = 204
Time Taken: 22.6043 sec (0.376739 mins)

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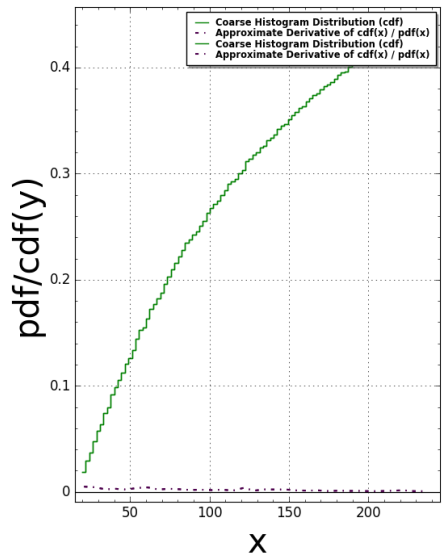Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=15) Pair Correlation (Squared):
#bins=100, #tiling points = 231
Time Taken: 25.7465 sec (0.429108 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0164471 * f(0.0139685 x + 1.84741) + 0.000986599

SaddleConnGoldenL(N:=15) Pair Correlation (Squared):
#bins=100, #tiling points = 231
Time Taken: 25.7465 sec (0.429108 mins)

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

SaddleConnGoldenL(N:=16) Pair Correlation (Squared):
#bins=100, #tiling points = 267
Time Taken: 25.4835 sec (0.424725 mins)

- Coarse Histogram Distribution (pdf)
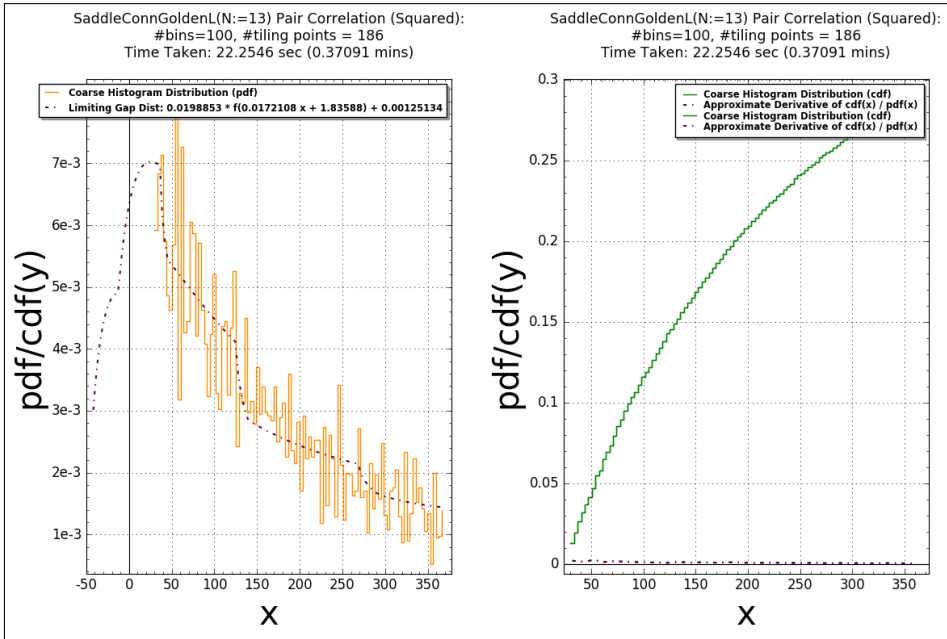- Limiting Gap Dist: 0.0139399 * f(0.0112802 x + 1.8647) + 0.000745784

SaddleConnGoldenL(N:=16) Pair Correlation (Squared):
#bins=100, #tiling points = 267
Time Taken: 25.4835 sec (0.424725 mins)

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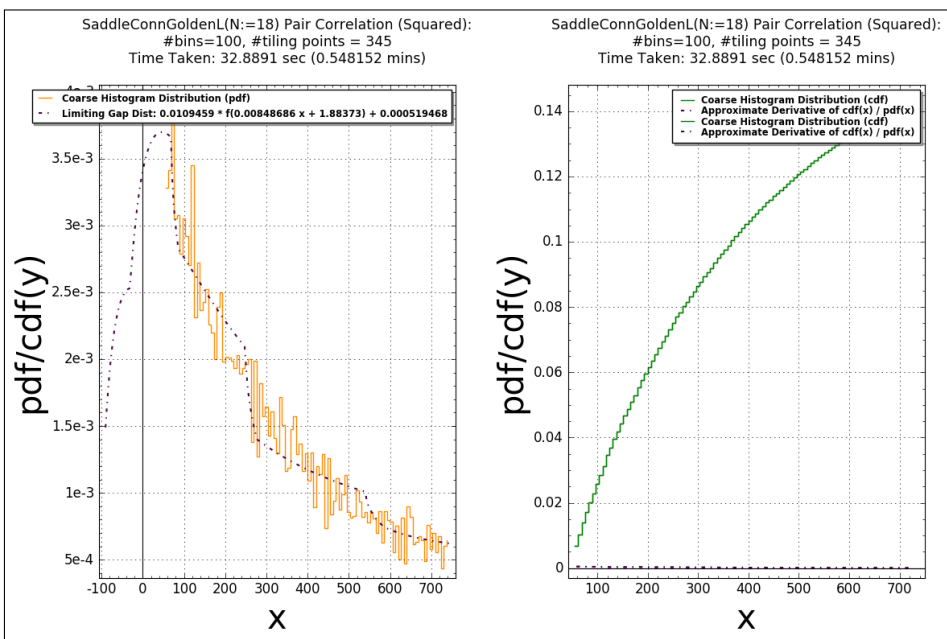- Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=17) Pair Correlation (Squared):
#bins=100, #tiling points = 300
Time Taken: 27.2967 sec (0.454945 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.0130786 * f(0.010588 x + 1.85135) + 0.000698808

SaddleConnGoldenL(N:=17) Pair Correlation (Squared):
#bins=100, #tiling points = 300
Time Taken: 27.2967 sec (0.454945 mins)

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

SaddleConnGoldenL(N:=18) Pair Correlation (Squared):
#bins=100, #tiling points = 345
Time Taken: 32.8891 sec (0.548152 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.0109459 * f(0.00848686 x + 1.88373) + 0.000519468

SaddleConnGoldenL(N:=18) Pair Correlation (Squared):
#bins=100, #tiling points = 345
Time Taken: 32.8891 sec (0.548152 mins)

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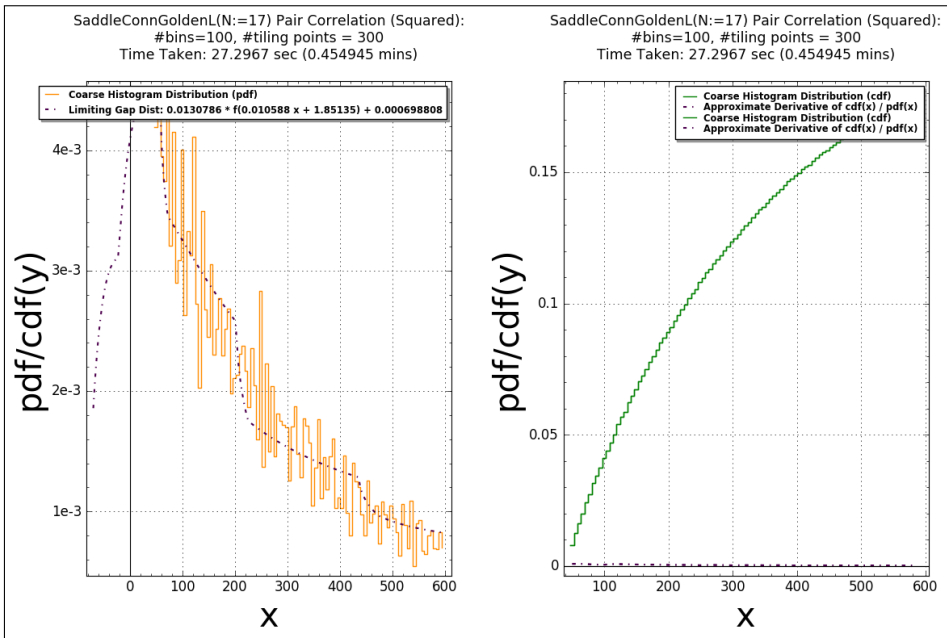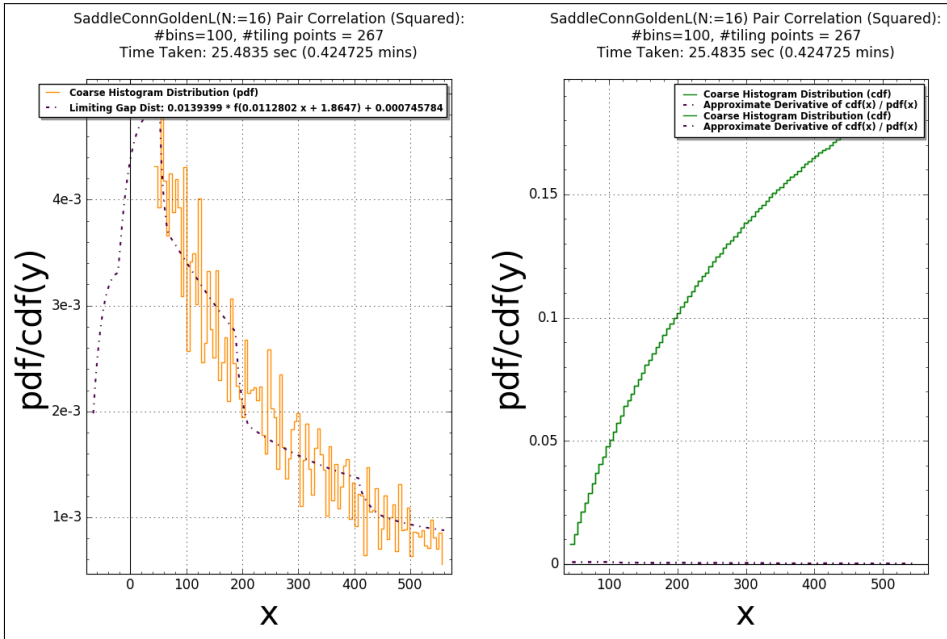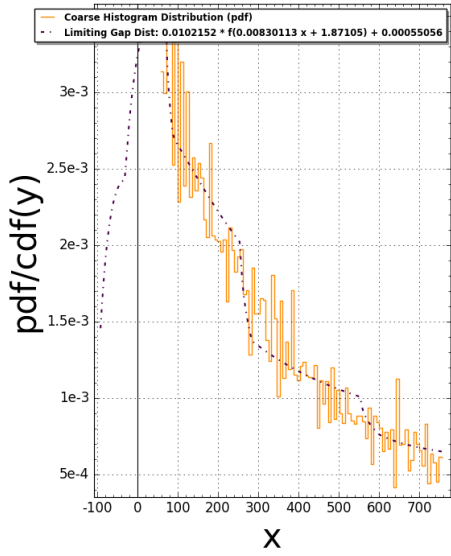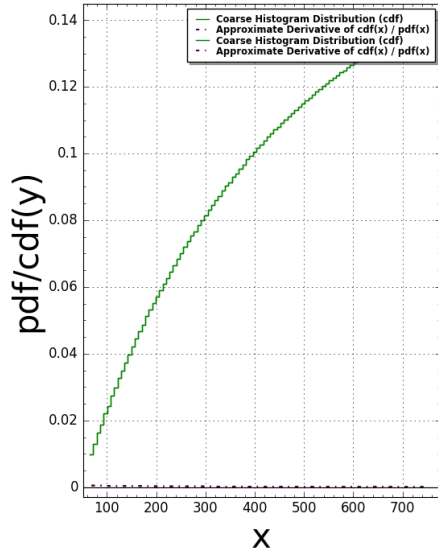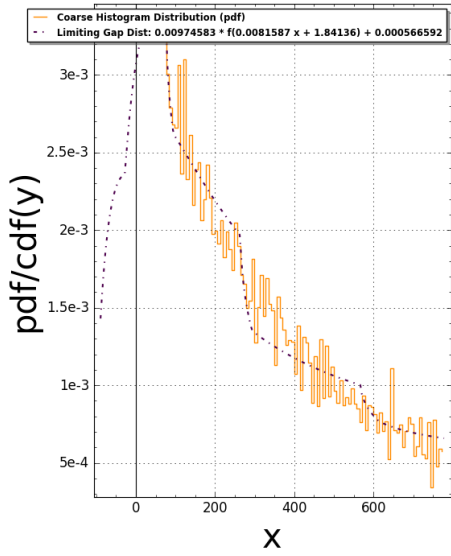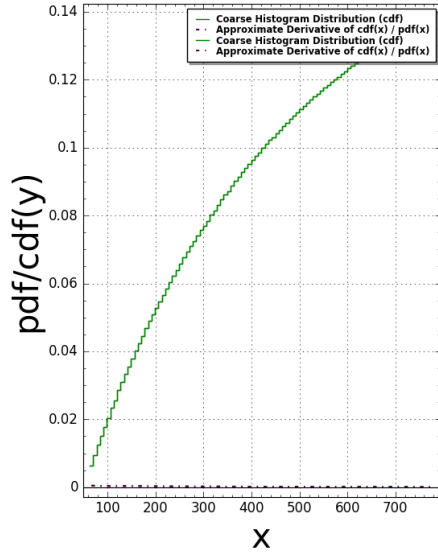- Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=19) Pair Correlation (Squared):
#bins=100, #tiling points = 363
Time Taken: 30.0973 sec (0.501621 mins)

SaddleConnGoldenL(N:=19) Pair Correlation (Squared):
#bins=100, #tiling points = 363
Time Taken: 30.0973 sec (0.501621 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0102152 * f(0.00830113 x + 1.87105) + 0.00055056

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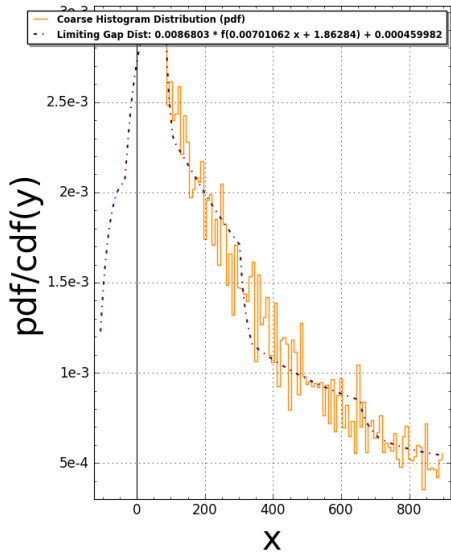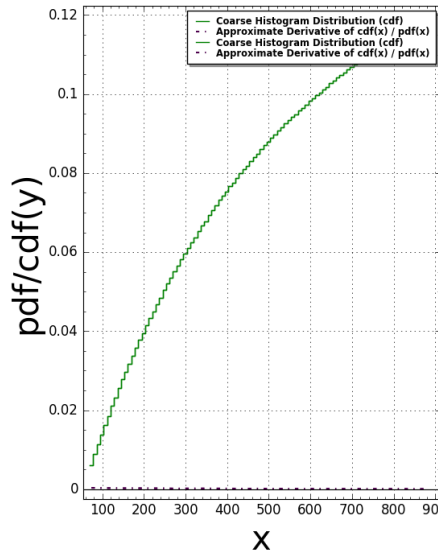Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=20) Pair Correlation (Squared):
#bins=100, #tiling points = 402
Time Taken: 32.2391 sec (0.537318 mins)

SaddleConnGoldenL(N:=20) Pair Correlation (Squared):
#bins=100, #tiling points = 402
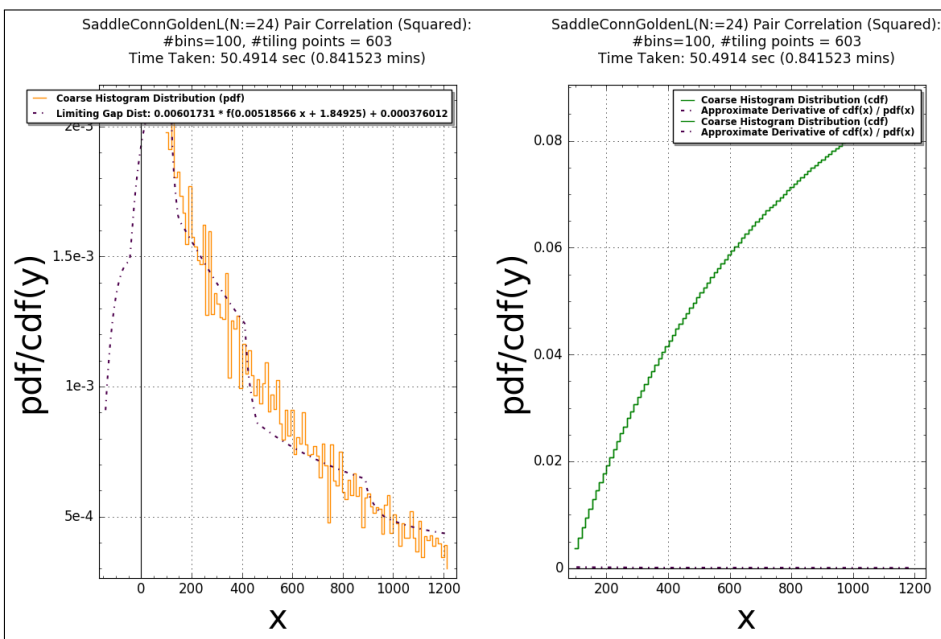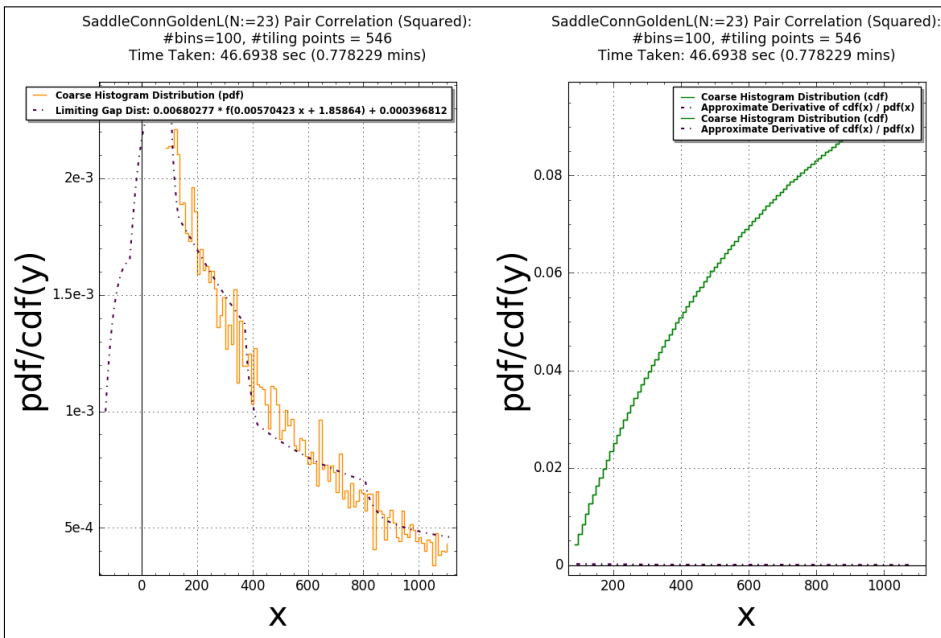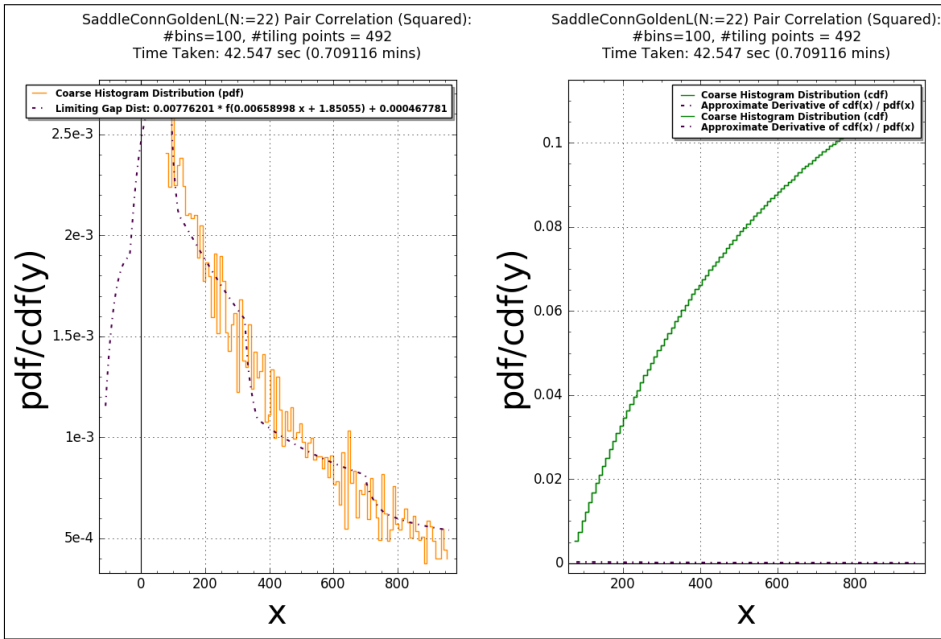Time Taken: 32.2391 sec (0.537318 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00974583 * f(0.0081587 x + 1.84136) + 0.000566592

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

SaddleConnGoldenL(N:=21) Pair Correlation (Squared):
#bins=100, #tiling points = 435
Time Taken: 35.0064 sec (0.58344 mins)

SaddleConnGoldenL(N:=21) Pair Correlation (Squared):
#bins=100, #tiling points = 435
Time Taken: 35.0064 sec (0.58344 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0086803 * f(0.00701062 x + 1.86284) + 0.000459982

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

SaddleConnGoldenL(N:=22) Pair Correlation (Squared):
#bins=100, #tiling points = 492
Time Taken: 42.547 sec (0.709116 mins)

SaddleConnGoldenL(N:=22) Pair Correlation (Squared):
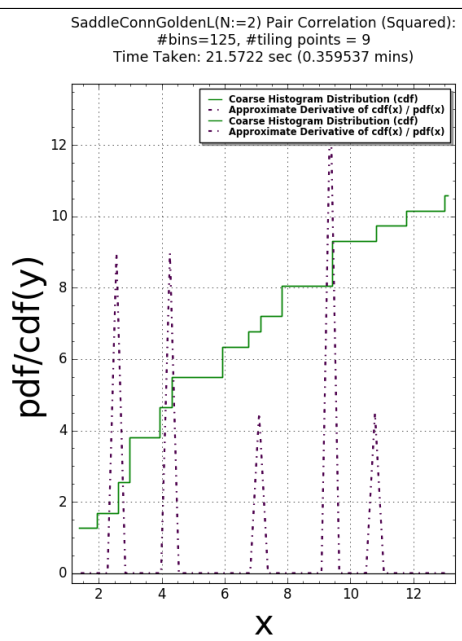#bins=100, #tiling points = 492
Time Taken: 42.547 sec (0.709116 mins)

— Coarse Histogram Distribution (pdf)
···· Limiting Gap Dist: 0.00776201 * f(0.00658998 x + 1.85055) + 0.000467781

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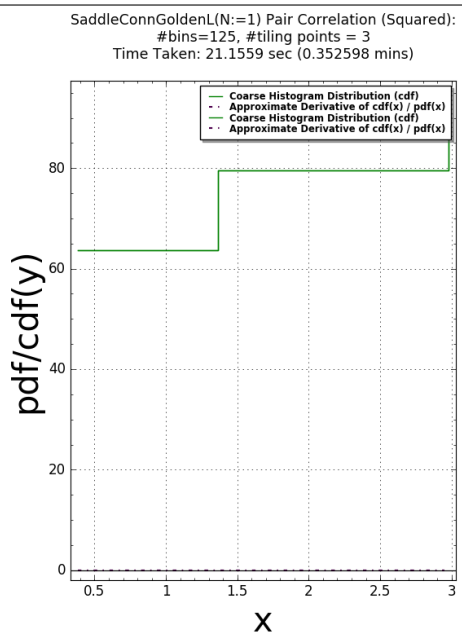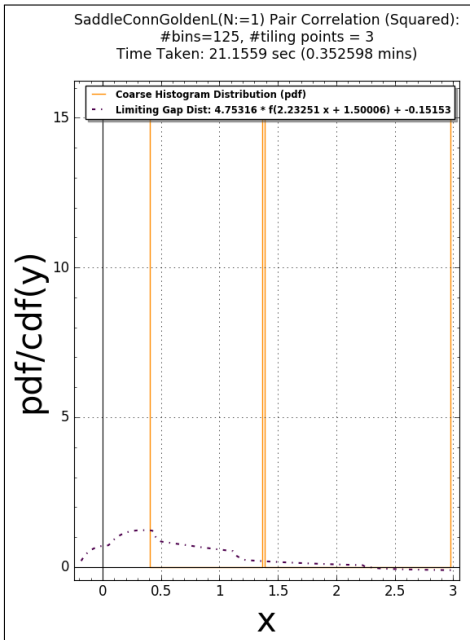···· Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=23) Pair Correlation (Squared):
#bins=100, #tiling points = 546
Time Taken: 46.6938 sec (0.778229 mins)

SaddleConnGoldenL(N:=23) Pair Correlation (Squared):
#bins=100, #tiling points = 546
Time Taken: 46.6938 sec (0.778229 mins)

— Coarse Histogram Distribution (pdf)
···· Limiting Gap Dist: 0.00680277 * f(0.00570423 x + 1.85864) + 0.000396812

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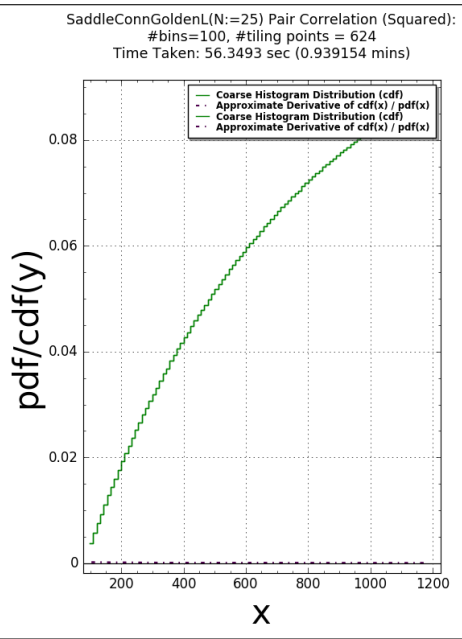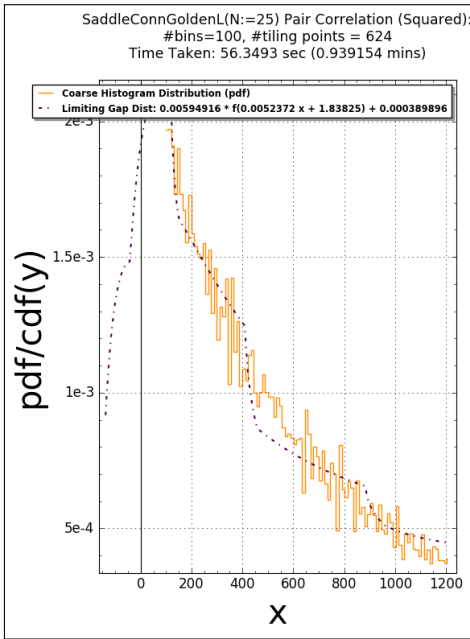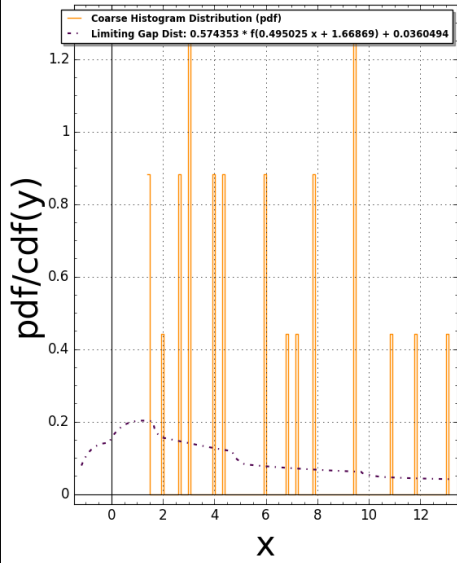···· Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=24) Pair Correlation (Squared):
#bins=100, #tiling points = 603
Time Taken: 50.4914 sec (0.841523 mins)

SaddleConnGoldenL(N:=24) Pair Correlation (Squared):
#bins=100, #tiling points = 603
Time Taken: 50.4914 sec (0.841523 mins)

— Coarse Histogram Distribution (pdf)
···· Limiting Gap Dist: 0.00601731 * f(0.00518566 x + 1.84925) + 0.000376012

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

SaddleConnGoldenL(N:=25) Pair Correlation (Squared):
#bins=100, #tiling points = 624
Time Taken: 56.3493 sec (0.939154 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00594916 * f(0.0052372 x + 1.83825) + 0.000389896

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

SaddleConnGoldenL(N:=1) Pair Correlation (Squared):
#bins=125, #tiling points = 3
Time Taken: 21.1559 sec (0.352598 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 4.75316 * f(2.23251 x + 1.50006) + -0.15153

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

SaddleConnGoldenL(N:=2) Pair Correlation (Squared):
#bins=125, #tiling points = 9
Time Taken: 21.5722 sec (0.359537 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.574353 * f(0.495025 x + 1.66869) + 0.0360494

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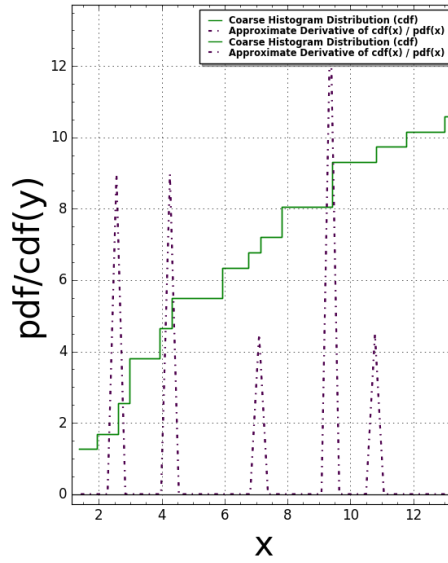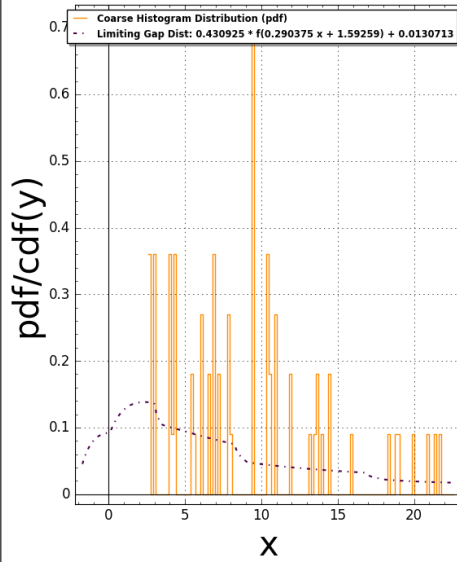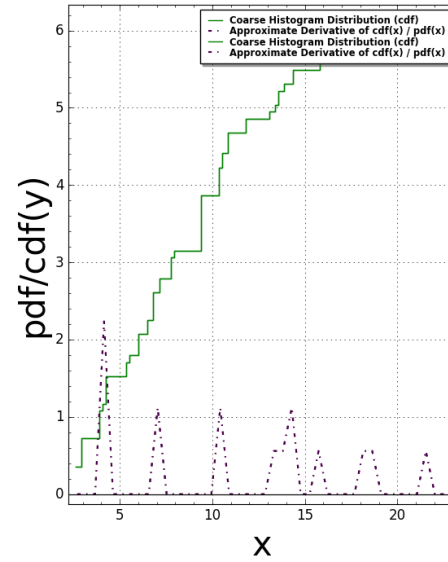Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=3) Pair Correlation (Squared):
#bins=125, #tiling points = 9
Time Taken: 21.275 sec (0.354583 mins)

SaddleConnGoldenL(N:=3) Pair Correlation (Squared):
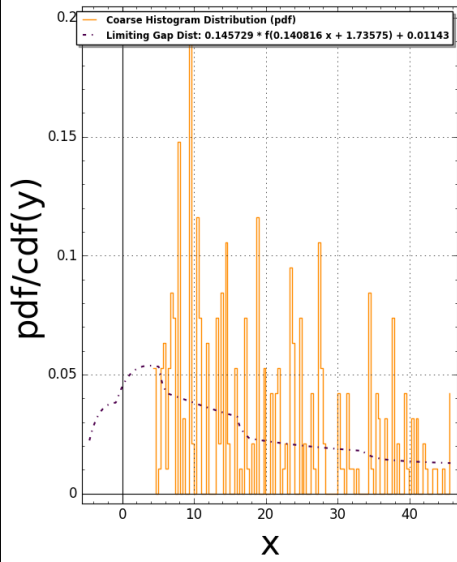#bins=125, #tiling points = 9
Time Taken: 21.275 sec (0.354583 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.574353 * f(0.495025 x + 1.66869) + 0.0360494

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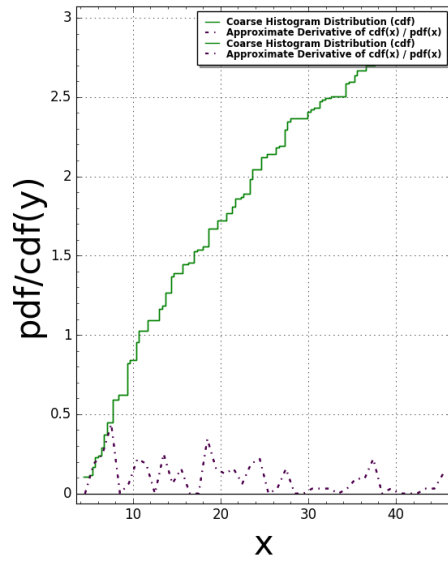Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=4) Pair Correlation (Squared):
#bins=125, #tiling points = 15
Time Taken: 21.4024 sec (0.356707 mins)

SaddleConnGoldenL(N:=4) Pair Correlation (Squared):
#bins=125, #tiling points = 15
Time Taken: 21.4024 sec (0.356707 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.430925 * f(0.290375 x + 1.59259) + 0.0130713

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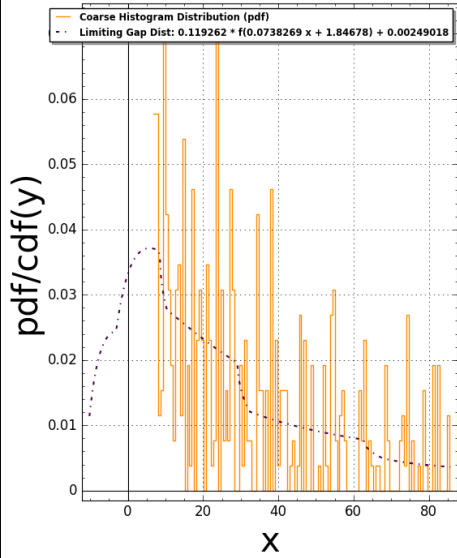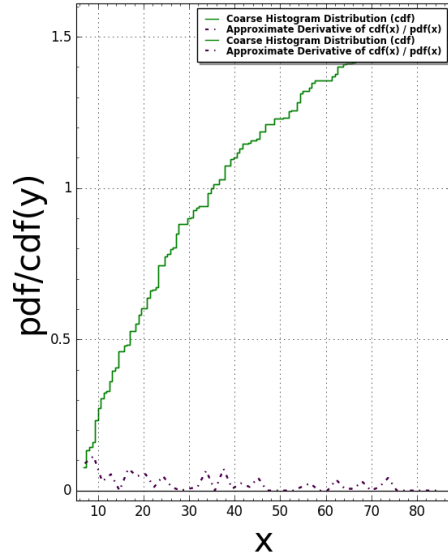Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=5) Pair Correlation (Squared):
#bins=125, #tiling points = 30
Time Taken: 22.438 sec (0.373967 mins)

SaddleConnGoldenL(N:=5) Pair Correlation (Squared):
#bins=125, #tiling points = 30
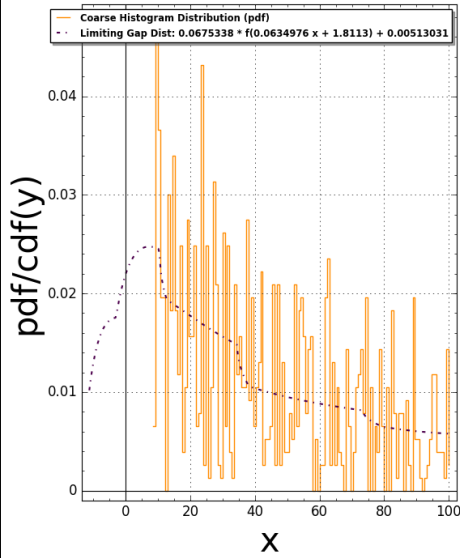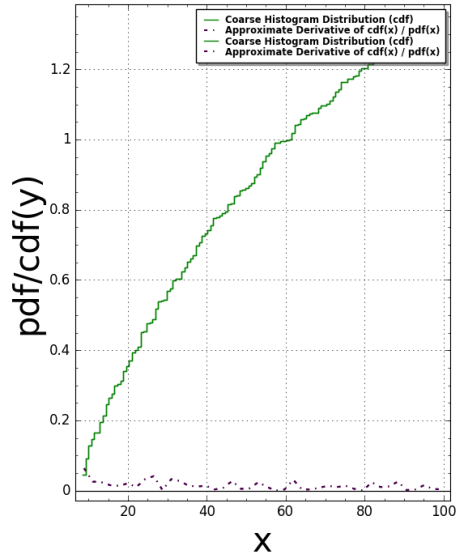Time Taken: 22.438 sec (0.373967 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.145729 * f(0.140816 x + 1.73575) + 0.01143

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

SaddleConnGoldenL(N:=6) Pair Correlation (Squared):
#bins=125, #tiling points = 36
Time Taken: 22.1847 sec (0.369745 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.119262 * f(0.0738269 x + 1.84678) + 0.00249018

SaddleConnGoldenL(N:=6) Pair Correlation (Squared):
#bins=125, #tiling points = 36
Time Taken: 22.1847 sec (0.369745 mins)

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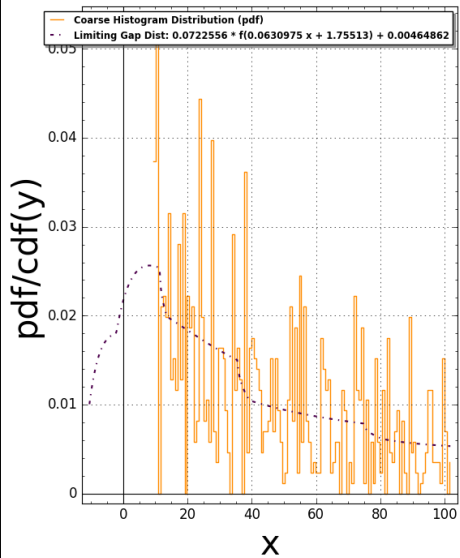- Coarse Histogram Distribution (cdf)
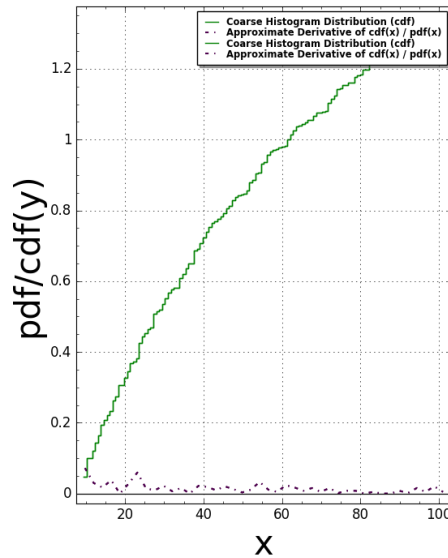- Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=7) Pair Correlation (Squared):
#bins=125, #tiling points = 57
Time Taken: 22.3918 sec (0.373197 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.0675338 * f(0.0634976 x + 1.8113) + 0.00513031

SaddleConnGoldenL(N:=7) Pair Correlation (Squared):
#bins=125, #tiling points = 57
Time Taken: 22.3918 sec (0.373197 mins)

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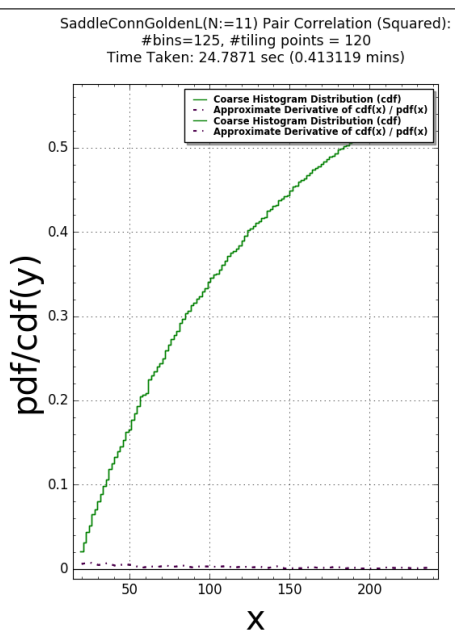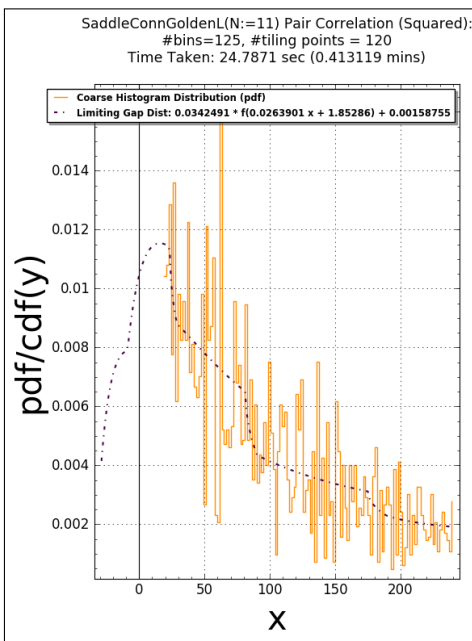- Approximate Derivative of cdf(x) / pdf(x)
- Coarse Histogram Distribution (cdf)
- Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=8) Pair Correlation (Squared):
#bins=125, #tiling points = 60
Time Taken: 22.813 sec (0.380217 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.0722556 * f(0.0630975 x + 1.75513) + 0.00464862

SaddleConnGoldenL(N:=8) Pair Correlation (Squared):
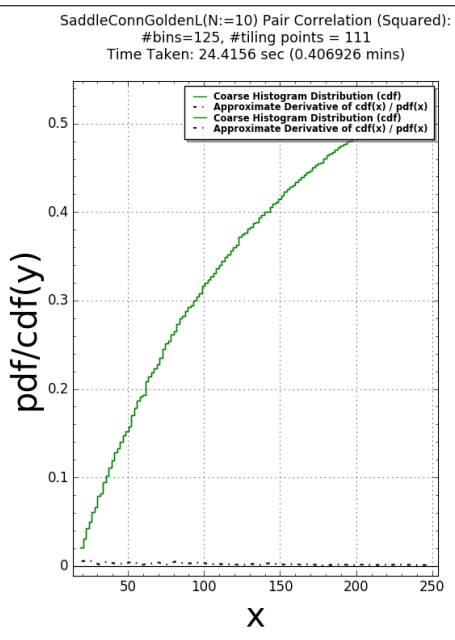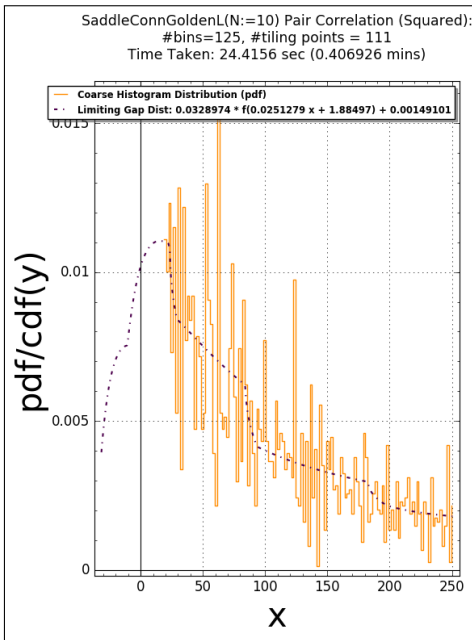#bins=125, #tiling points = 60
Time Taken: 22.813 sec (0.380217 mins)

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

SaddleConnGoldenL(N:=9) Pair Correlation (Squared):
#bins=125, #tiling points = 81
Time Taken: 23.6968 sec (0.394947 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0482259 * f(0.0413592 x + 1.8114) + 0.002961

SaddleConnGoldenL(N:=9) Pair Correlation (Squared):
#bins=125, #tiling points = 81
Time Taken: 23.6968 sec (0.394947 mins)

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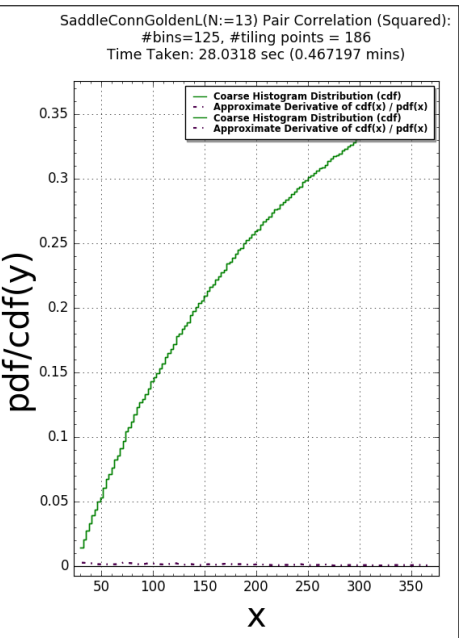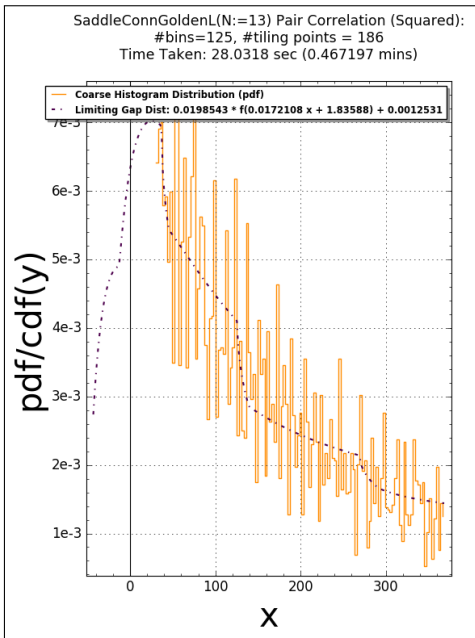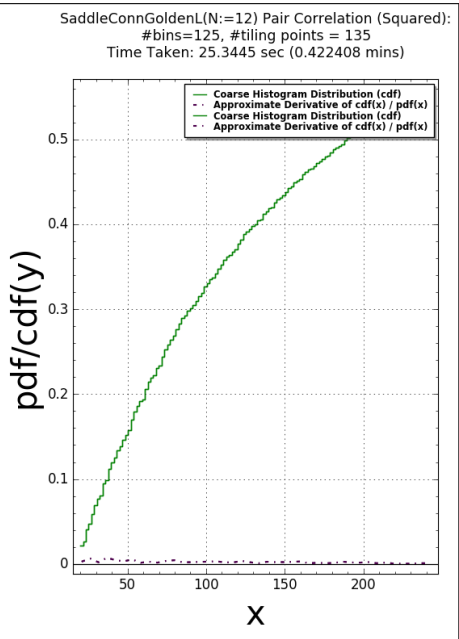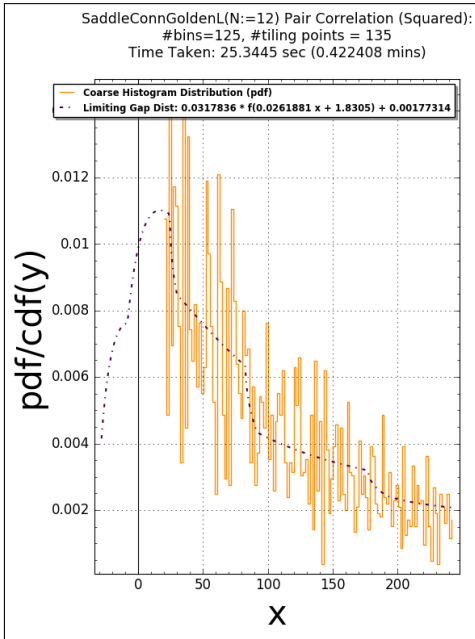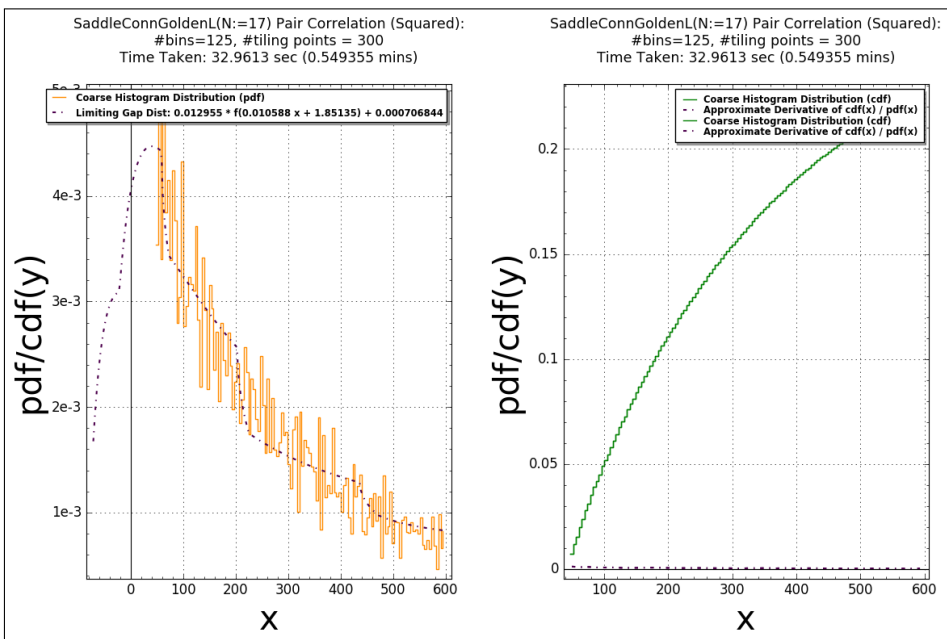Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=10) Pair Correlation (Squared):
#bins=125, #tiling points = 111
Time Taken: 24.4156 sec (0.406926 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0328974 * f(0.0251279 x + 1.88497) + 0.00149101

SaddleConnGoldenL(N:=10) Pair Correlation (Squared):
#bins=125, #tiling points = 111
Time Taken: 24.4156 sec (0.406926 mins)

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

SaddleConnGoldenL(N:=11) Pair Correlation (Squared):
#bins=125, #tiling points = 120
Time Taken: 24.7871 sec (0.413119 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0342491 * f(0.0263901 x + 1.85286) + 0.00158755

SaddleConnGoldenL(N:=11) Pair Correlation (Squared):
#bins=125, #tiling points = 120
Time Taken: 24.7871 sec (0.413119 mins)

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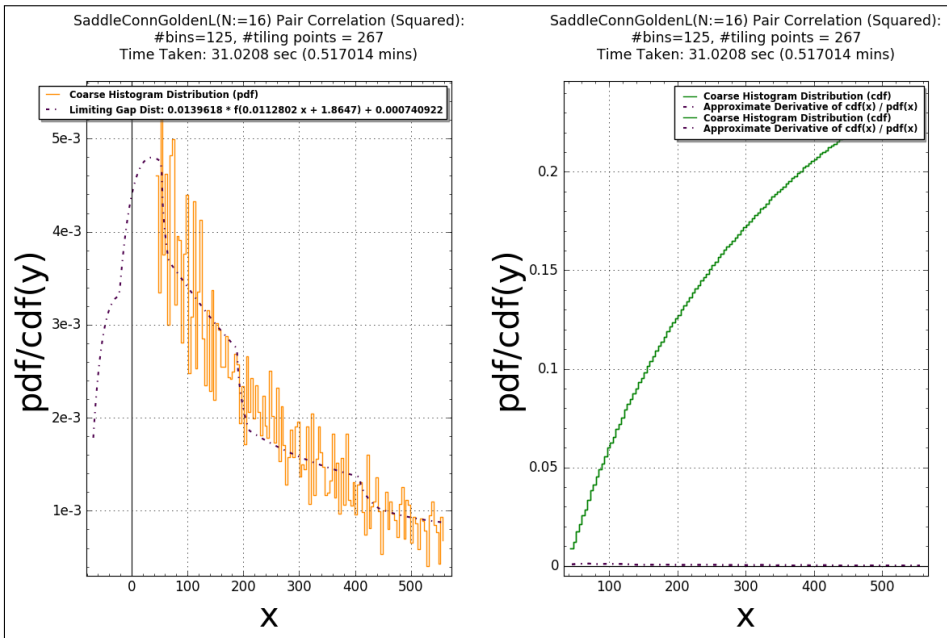Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=12) Pair Correlation (Squared):
#bins=125, #tiling points = 135
Time Taken: 25.3445 sec (0.422408 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.0317836 * f(0.0261881 x + 1.8305) + 0.00177314
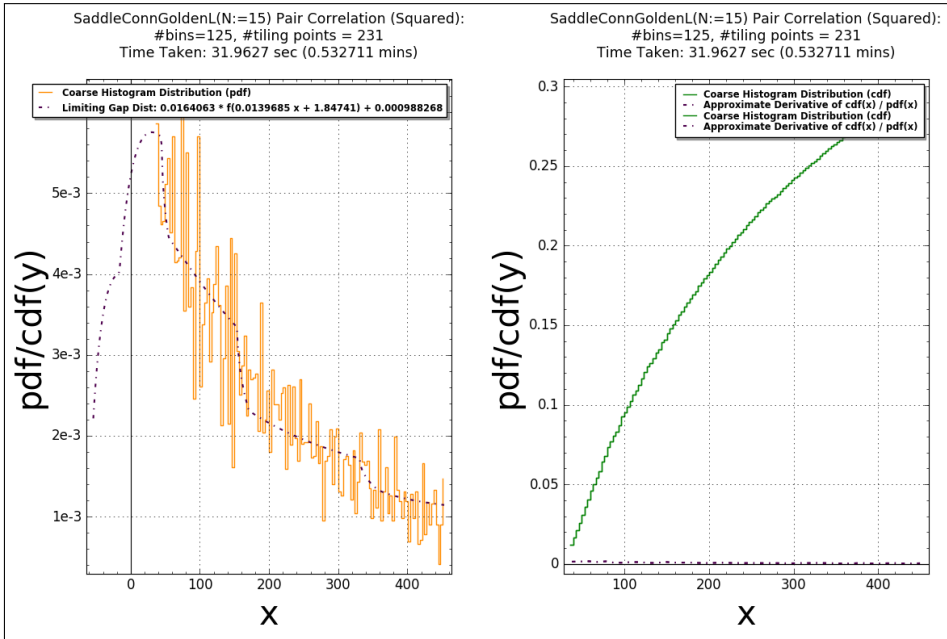
SaddleConnGoldenL(N:=12) Pair Correlation (Squared):
#bins=125, #tiling points = 135
Time Taken: 25.3445 sec (0.422408 mins)

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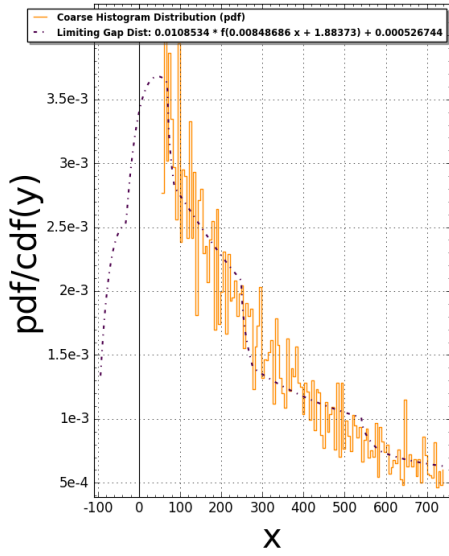- Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=13) Pair Correlation (Squared):
#bins=125, #tiling points = 186
Time Taken: 28.0318 sec (0.467197 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.0198543 * f(0.0172108 x + 1.83588) + 0.0012531

SaddleConnGoldenL(N:=13) Pair Correlation (Squared):
#bins=125, #tiling points = 186
Time Taken: 28.0318 sec (0.467197 mins)

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

SaddleConnGoldenL(N:=14) Pair Correlation (Squared):
#bins=125, #tiling points = 204
Time Taken: 28.2447 sec (0.470745 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.0181311 * f(0.0142116 x + 1.86576) + 0.000887897

SaddleConnGoldenL(N:=14) Pair Correlation (Squared):
#bins=125, #tiling points = 204
Time Taken: 28.2447 sec (0.470745 mins)

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

SaddleConnGoldenL(N:=15) Pair Correlation (Squared):
#bins=125, #tiling points = 231
Time Taken: 31.9627 sec (0.532711 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0164063 * f(0.0139685 x + 1.84741) + 0.000988268

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

SaddleConnGoldenL(N:=16) Pair Correlation (Squared):
#bins=125, #tiling points = 267
Time Taken: 31.0208 sec (0.517014 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0139618 * f(0.0112802 x + 1.8647) + 0.000740922

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

SaddleConnGoldenL(N:=17) Pair Correlation (Squared):
#bins=125, #tiling points = 300
Time Taken: 32.9613 sec (0.549355 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.012955 * f(0.010588 x + 1.85135) + 0.000706844

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

SaddleConnGoldenL(N:=18) Pair Correlation (Squared):
#bins=125, #tiling points = 345
Time Taken: 39.3163 sec (0.655272 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0108534 * f(0.00848686 x + 1.88373) + 0.000526744

SaddleConnGoldenL(N:=18) Pair Correlation (Squared):
#bins=125, #tiling points = 345
Time Taken: 39.3163 sec (0.655272 mins)

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

SaddleConnGoldenL(N:=19) Pair Correlation (Squared):
#bins=125, #tiling points = 363
Time Taken: 35.7798 sec (0.59633 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0102114 * f(0.00830113 x + 1.87105) + 0.000550441

SaddleConnGoldenL(N:=19) Pair Correlation (Squared):
#bins=125, #tiling points = 363
Time Taken: 35.7798 sec (0.59633 mins)

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

SaddleConnGoldenL(N:=20) Pair Correlation (Squared):
#bins=125, #tiling points = 402
Time Taken: 38.0801 sec (0.634668 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0096928 * f(0.0081587 x + 1.84136) + 0.000570033

SaddleConnGoldenL(N:=20) Pair Correlation (Squared):
#bins=125, #tiling points = 402
Time Taken: 38.0801 sec (0.634668 mins)

Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
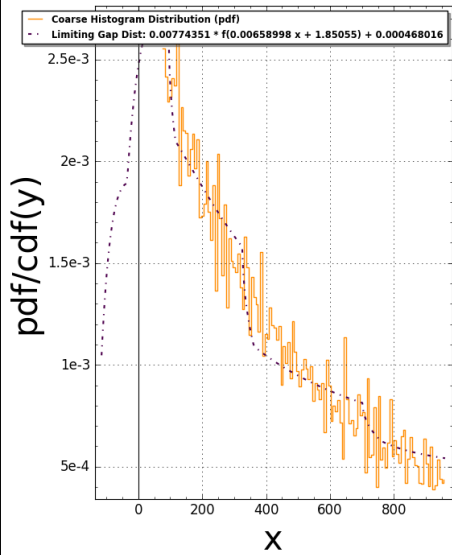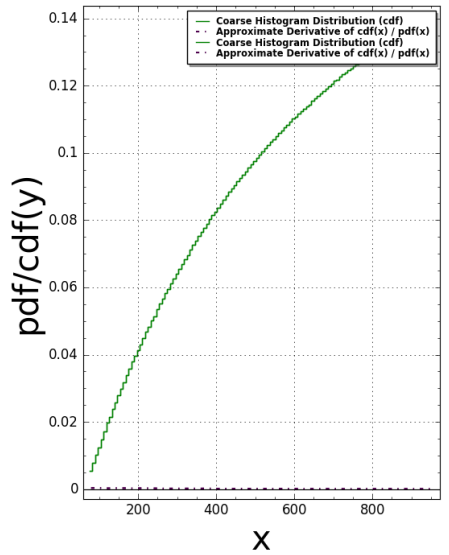
SaddleConnGoldenL(N:=21) Pair Correlation (Squared):
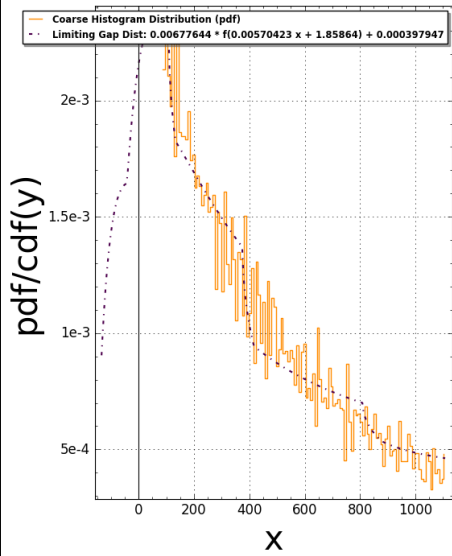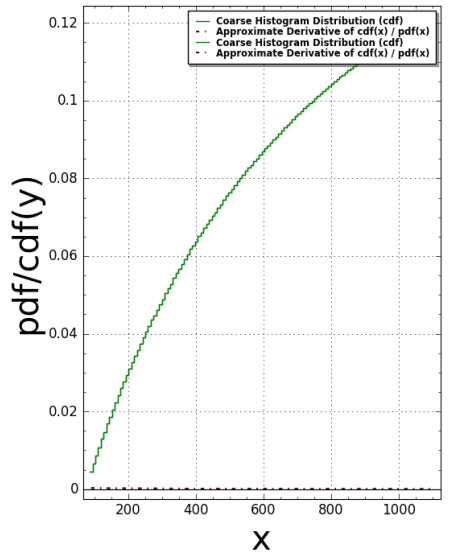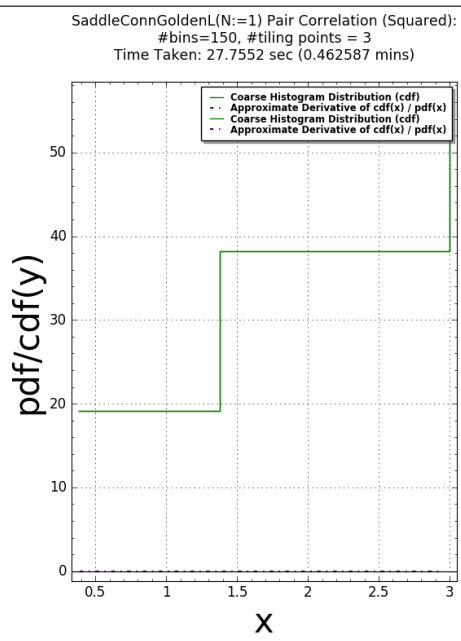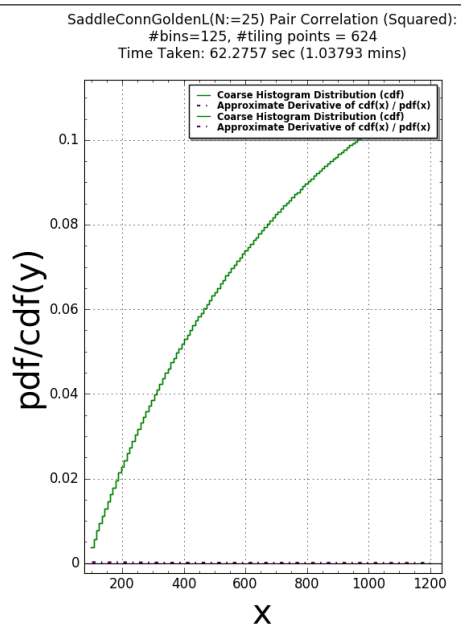#bins=125, #tiling points = 435
Time Taken: 40.6869 sec (0.678115 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00865229 * f(0.00701062 x + 1.86284) + 0.000461261

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

SaddleConnGoldenL(N:=22) Pair Correlation (Squared):
#bins=125, #tiling points = 492
Time Taken: 48.8902 sec (0.814837 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00774351 * f(0.00658998 x + 1.85055) + 0.000468016

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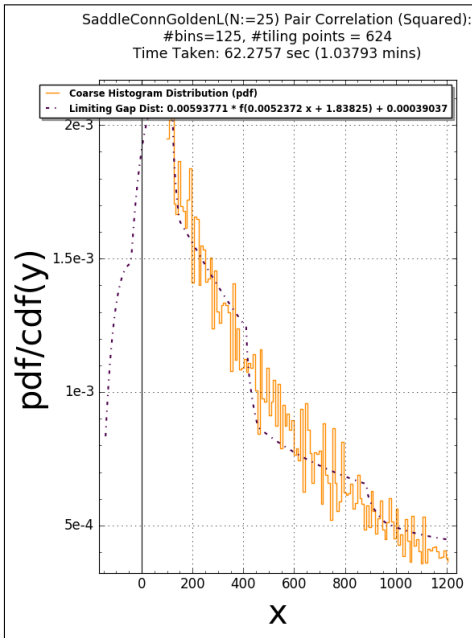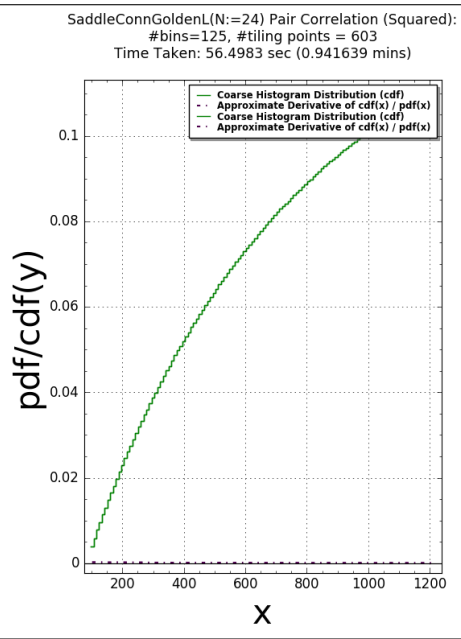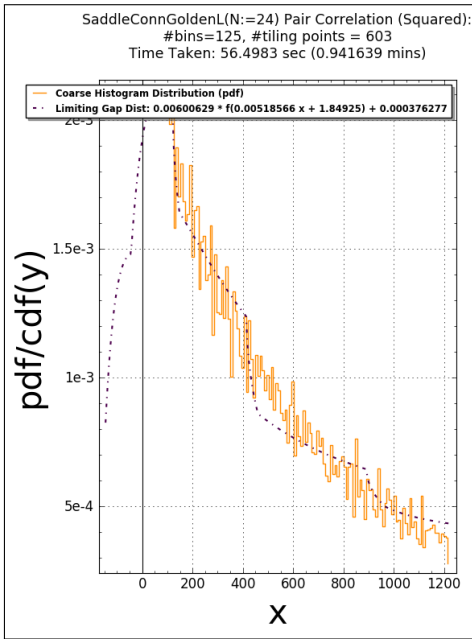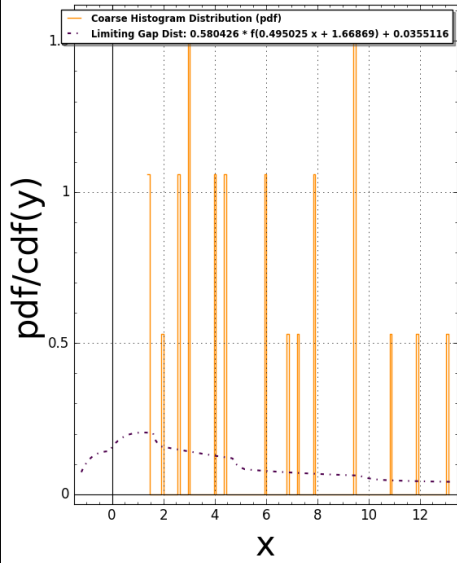Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=23) Pair Correlation (Squared):
#bins=125, #tiling points = 546
Time Taken: 52.5484 sec (0.875806 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00677644 * f(0.00570423 x + 1.85864) + 0.000397947

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

SaddleConnGoldenL(N:=24) Pair Correlation (Squared):
#bins=125, #tiling points = 603
Time Taken: 56.4983 sec (0.941639 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00600629 * f(0.00518566 x + 1.84925) + 0.000376277

SaddleConnGoldenL(N:=24) Pair Correlation (Squared):
#bins=125, #tiling points = 603
Time Taken: 56.4983 sec (0.941639 mins)

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

SaddleConnGoldenL(N:=25) Pair Correlation (Squared):
#bins=125, #tiling points = 624
Time Taken: 62.2757 sec (1.03793 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00593771 * f(0.0052372 x + 1.83825) + 0.00039037

SaddleConnGoldenL(N:=25) Pair Correlation (Squared):
#bins=125, #tiling points = 624
Time Taken: 62.2757 sec (1.03793 mins)

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

SaddleConnGoldenL(N:=1) Pair Correlation (Squared):
#bins=150, #tiling points = 3
Time Taken: 27.7552 sec (0.462587 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 4.77526 * f(2.23251 x + 1.50006) + -0.152962

SaddleConnGoldenL(N:=1) Pair Correlation (Squared):
#bins=150, #tiling points = 3
Time Taken: 27.7552 sec (0.462587 mins)

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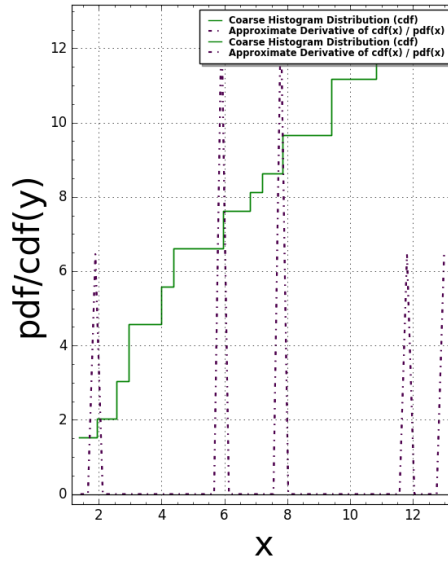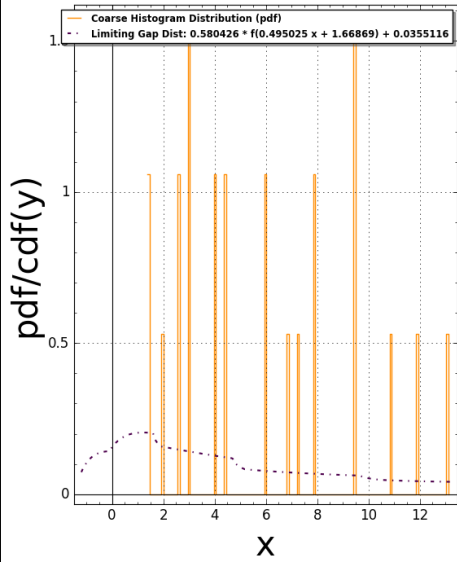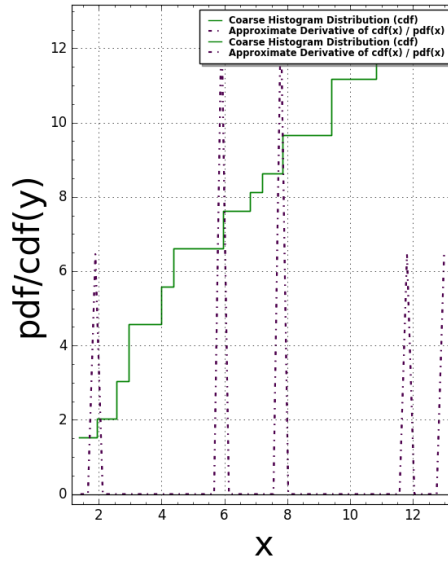Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=2) Pair Correlation (Squared):
#bins=150, #tiling points = 9
Time Taken: 28.4373 sec (0.473955 mins)

SaddleConnGoldenL(N:=2) Pair Correlation (Squared):
#bins=150, #tiling points = 9
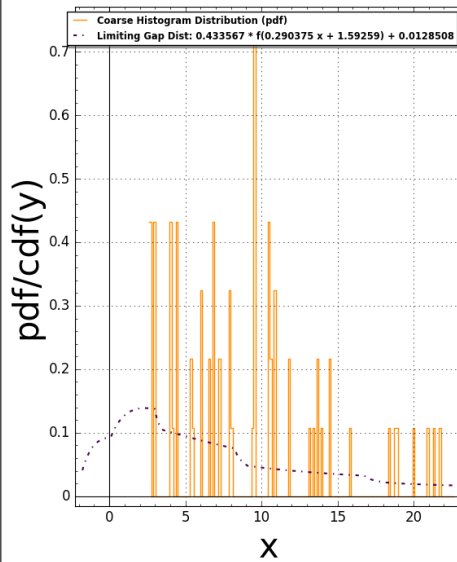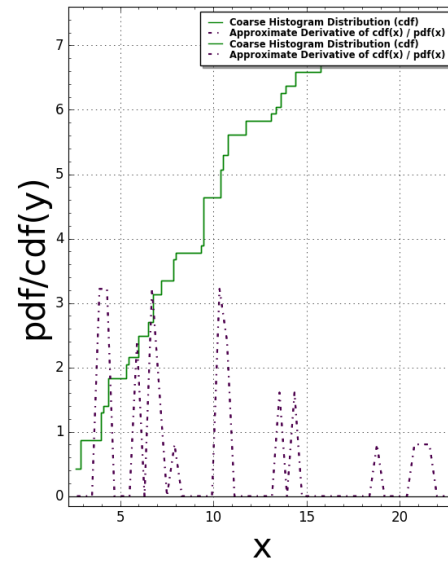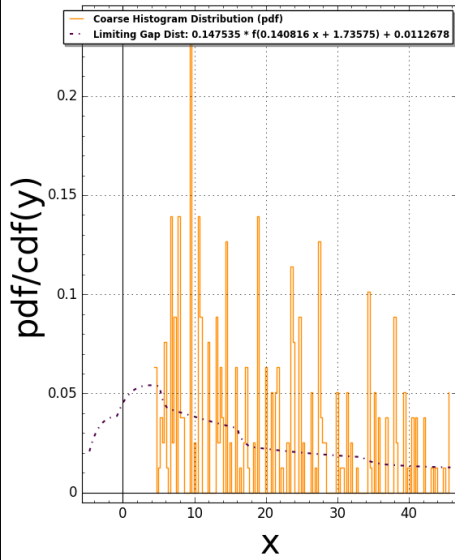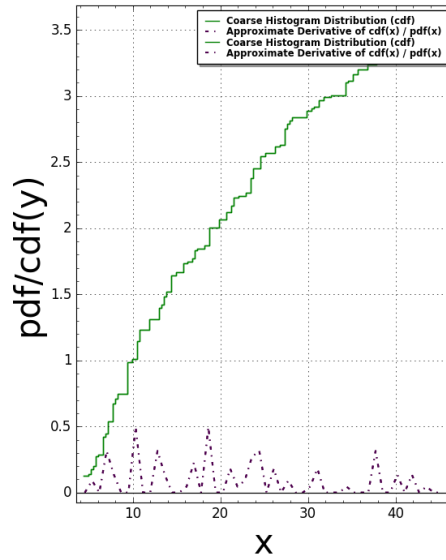Time Taken: 28.4373 sec (0.473955 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.580426 * f(0.495025 x + 1.66869) + 0.0355116

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

SaddleConnGoldenL(N:=3) Pair Correlation (Squared):
#bins=150, #tiling points = 9
Time Taken: 28.1174 sec (0.468623 mins)

SaddleConnGoldenL(N:=3) Pair Correlation (Squared):
#bins=150, #tiling points = 9
Time Taken: 28.1174 sec (0.468623 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.580426 * f(0.495025 x + 1.66869) + 0.0355116

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

SaddleConnGoldenL(N:=4) Pair Correlation (Squared):
#bins=150, #tiling points = 15
Time Taken: 28.0473 sec (0.467455 mins)

SaddleConnGoldenL(N:=4) Pair Correlation (Squared):
#bins=150, #tiling points = 15
Time Taken: 28.0473 sec (0.467455 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.433567 * f(0.290375 x + 1.59259) + 0.0128508

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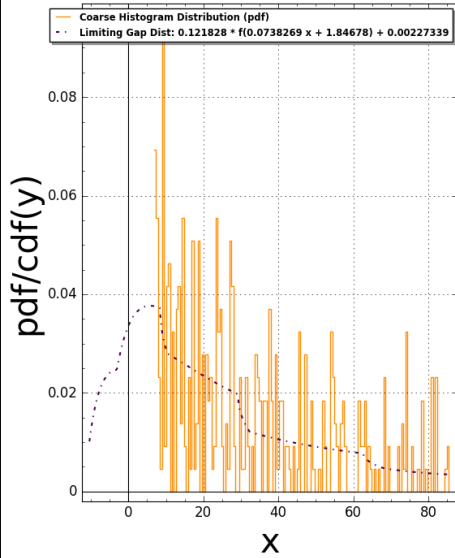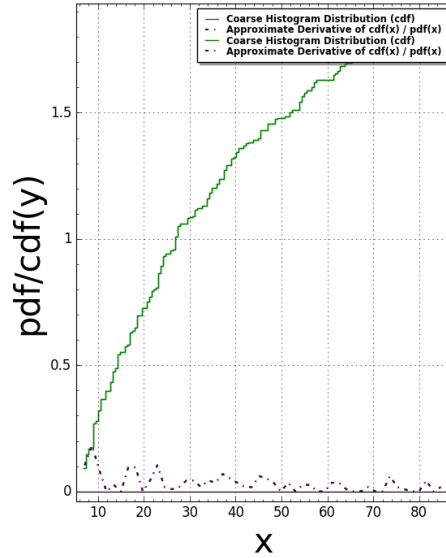Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=5) Pair Correlation (Squared):
#bins=150, #tiling points = 30
Time Taken: 30.7956 sec (0.513259 mins)

SaddleConnGoldenL(N:=5) Pair Correlation (Squared):
#bins=150, #tiling points = 30
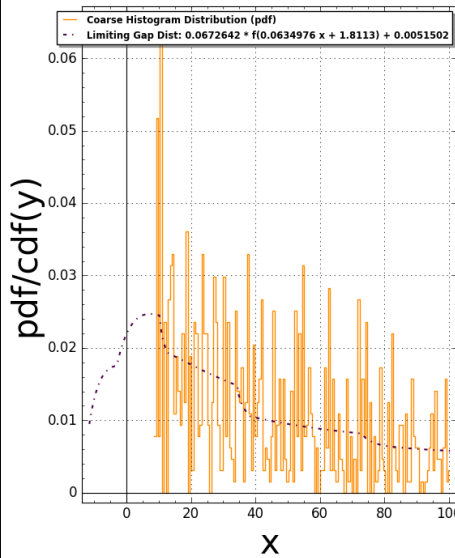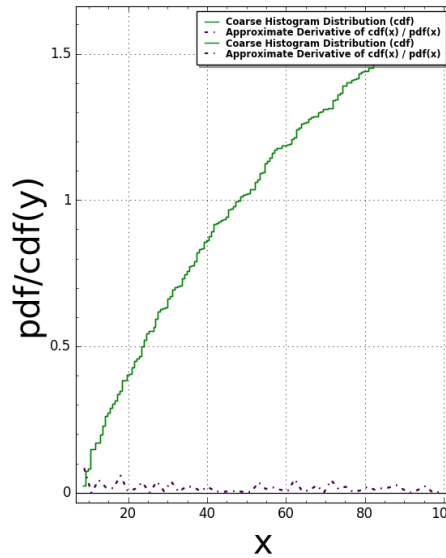Time Taken: 30.7956 sec (0.513259 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.147535 * f(0.140816 x + 1.73575) + 0.0112678

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

SaddleConnGoldenL(N:=6) Pair Correlation (Squared):
#bins=150, #tiling points = 36
Time Taken: 28.8408 sec (0.48068 mins)

SaddleConnGoldenL(N:=6) Pair Correlation (Squared):
#bins=150, #tiling points = 36
Time Taken: 28.8408 sec (0.48068 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.121828 * f(0.0738269 x + 1.84678) + 0.00227339

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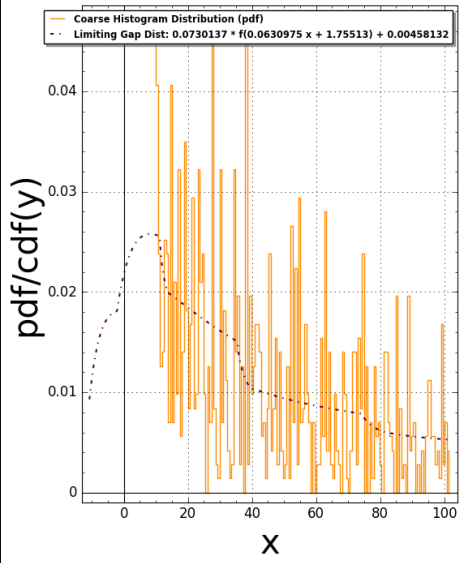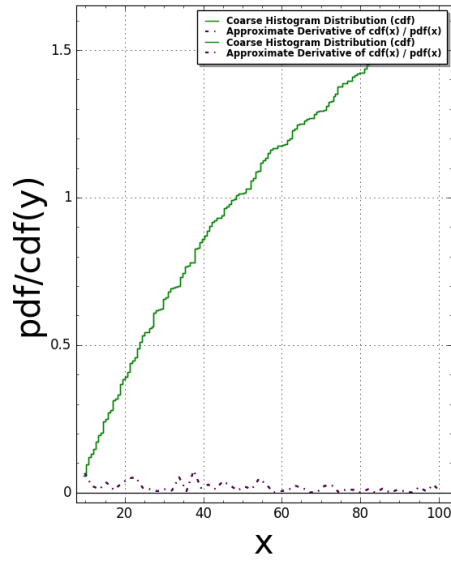- Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=7) Pair Correlation (Squared):
#bins=150, #tiling points = 57
Time Taken: 29.0388 sec (0.483981 mins)

SaddleConnGoldenL(N:=7) Pair Correlation (Squared):
#bins=150, #tiling points = 57
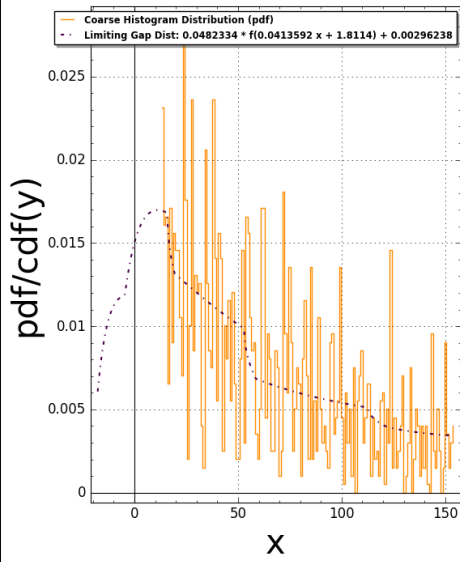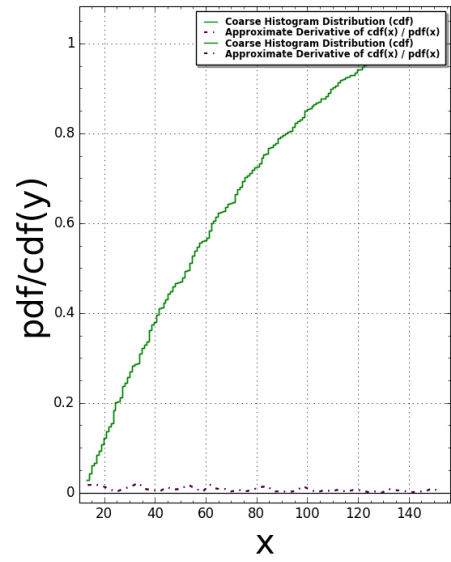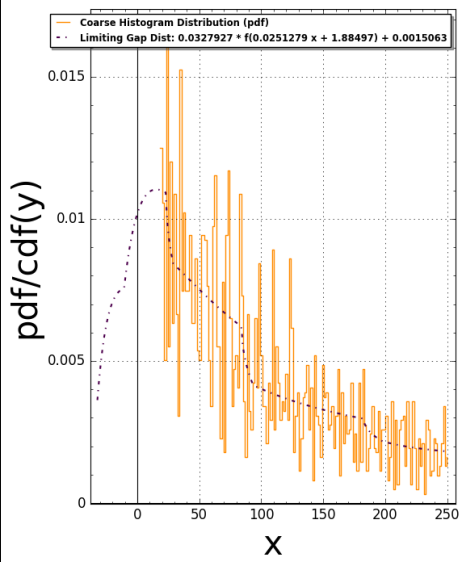Time Taken: 29.0388 sec (0.483981 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.0672642 * f(0.0634976 x + 1.8113) + 0.0051502

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

SaddleConnGoldenL(N:=8) Pair Correlation (Squared):
#bins=150, #tiling points = 60
Time Taken: 29.5938 sec (0.493229 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0730137 * f(0.0630975 x + 1.75513) + 0.00458132

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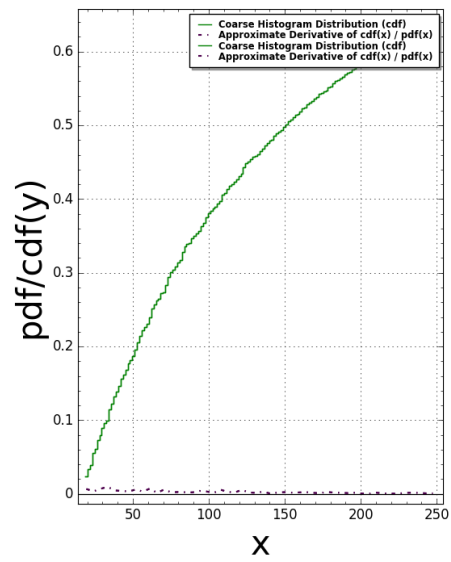Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=9) Pair Correlation (Squared):
#bins=150, #tiling points = 81
Time Taken: 30.4329 sec (0.507215 mins)

Coarse Histogram Distribution (pdf)
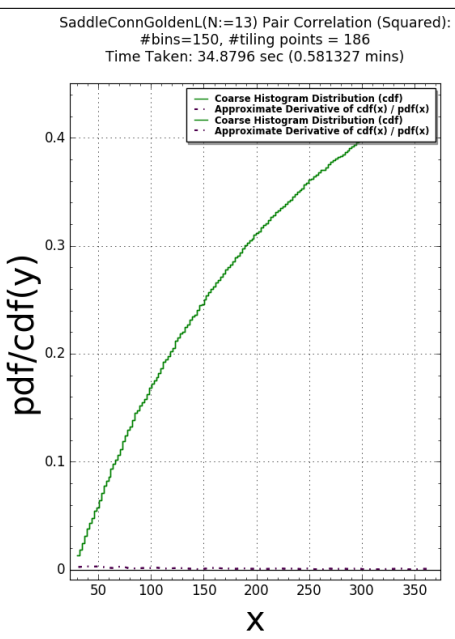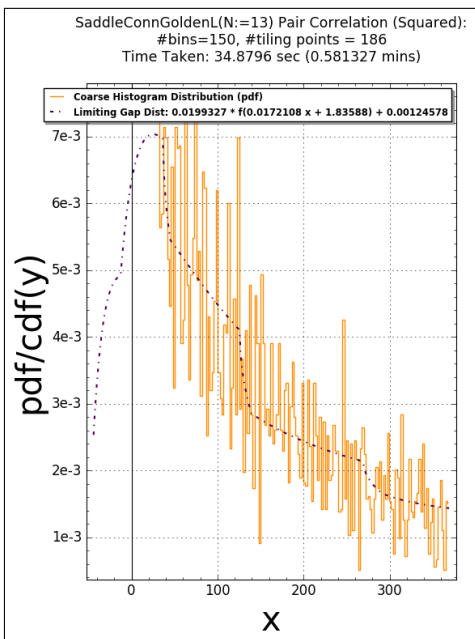Limiting Gap Dist: 0.0482334 * f(0.0413592 x + 1.8114) + 0.00296238

Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
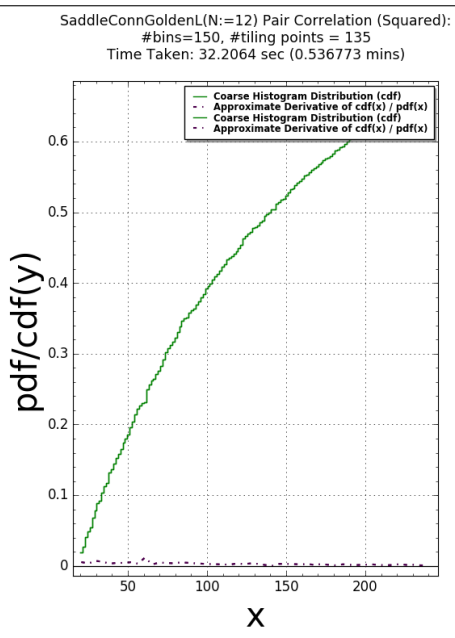Coarse Histogram Distribution (cdf)
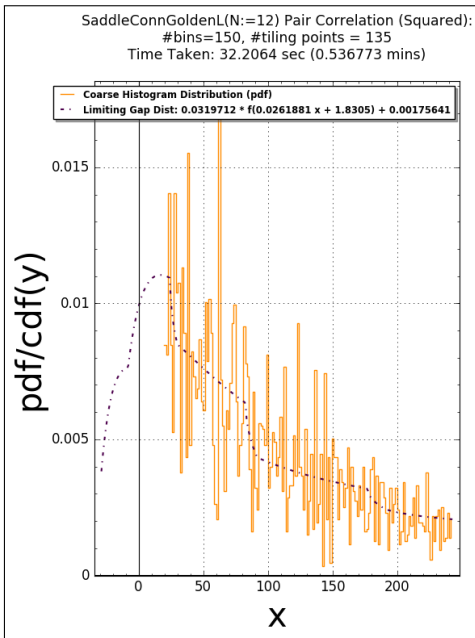Approximate Derivative of cdf(x) / pdf(x)
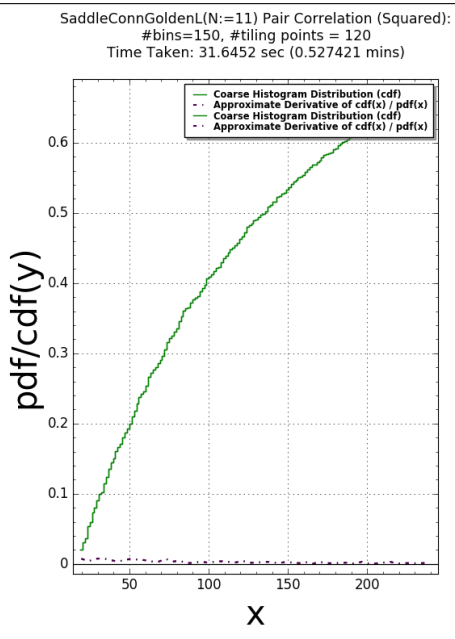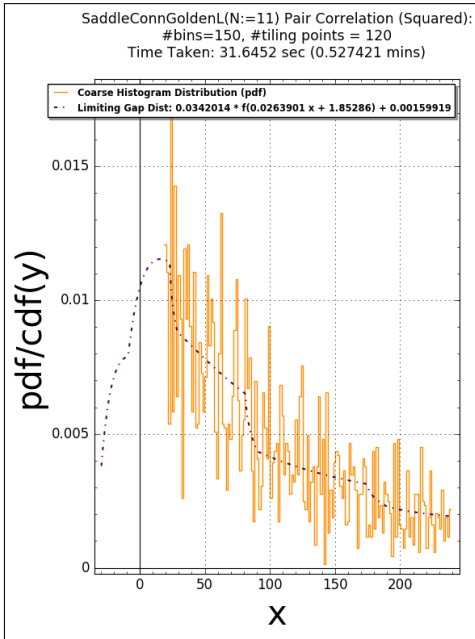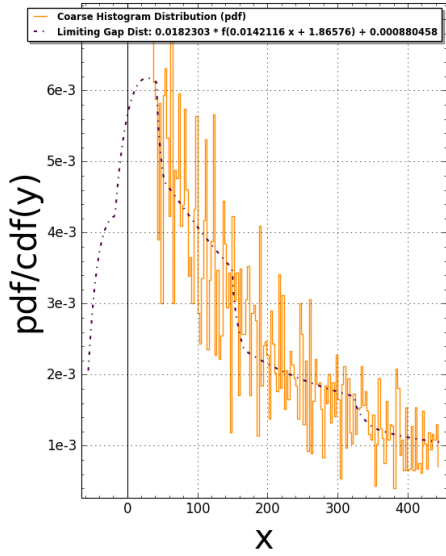
SaddleConnGoldenL(N:=10) Pair Correlation (Squared):
#bins=150, #tiling points = 111
Time Taken: 31.1752 sec (0.519587 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0327927 * f(0.0251279 x + 1.88497) + 0.0015063

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

SaddleConnGoldenL(N:=11) Pair Correlation (Squared):
#bins=150, #tiling points = 120
Time Taken: 31.6452 sec (0.527421 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0342014 * f(0.0263901 x + 1.85286) + 0.00159919

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

SaddleConnGoldenL(N:=12) Pair Correlation (Squared):
#bins=150, #tiling points = 135
Time Taken: 32.2064 sec (0.536773 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0319712 * f(0.0261881 x + 1.8305) + 0.00175641

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

SaddleConnGoldenL(N:=13) Pair Correlation (Squared):
#bins=150, #tiling points = 186
Time Taken: 34.8796 sec (0.581327 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0199327 * f(0.0172108 x + 1.83588) + 0.00124578

Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
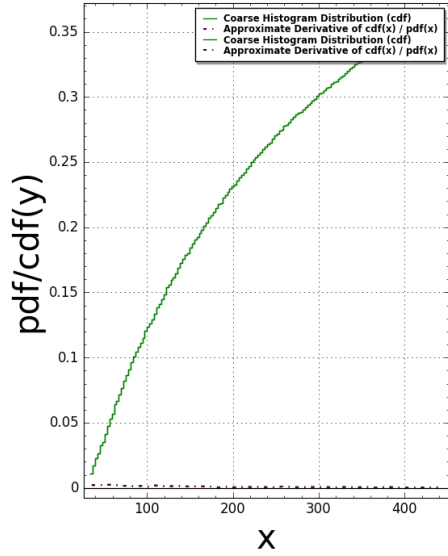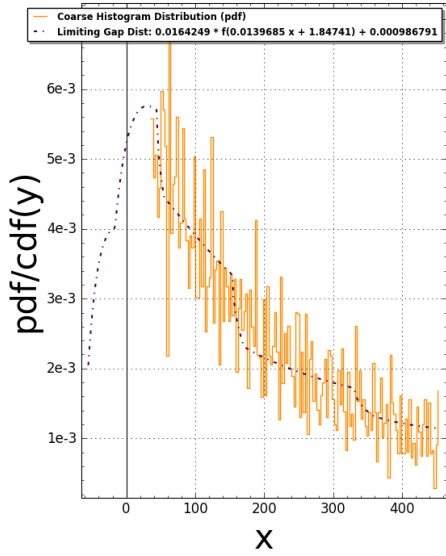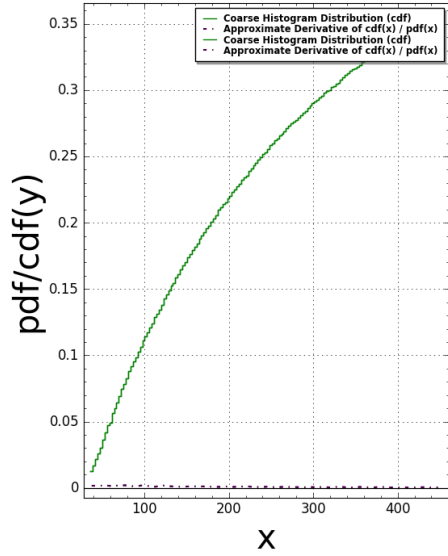
SaddleConnGoldenL(N:=14) Pair Correlation (Squared):
#bins=150, #tiling points = 204
Time Taken: 34.9346 sec (0.582243 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0182303 * f(0.0142116 x + 1.86576) + 0.000880458

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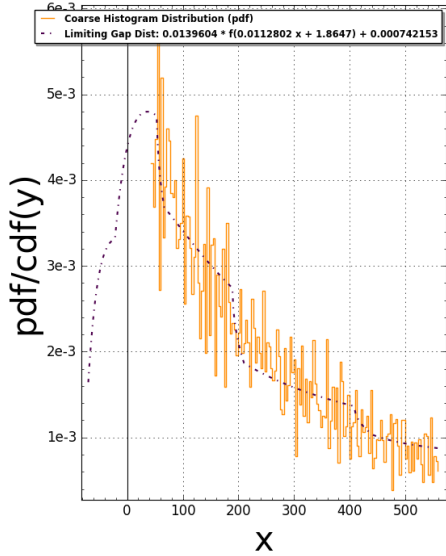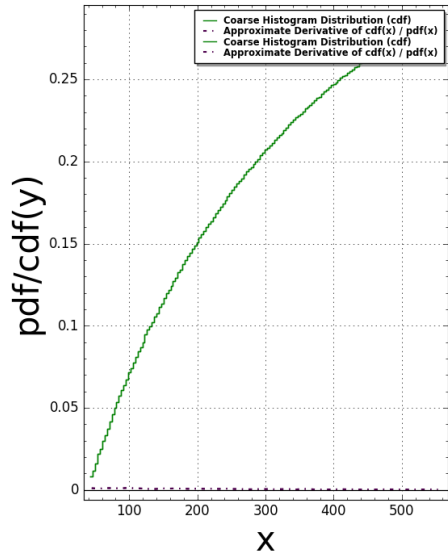Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=15) Pair Correlation (Squared):
#bins=150, #tiling points = 231
Time Taken: 39.4481 sec (0.657468 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0164249 * f(0.0139685 x + 1.84741) + 0.000986791

Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
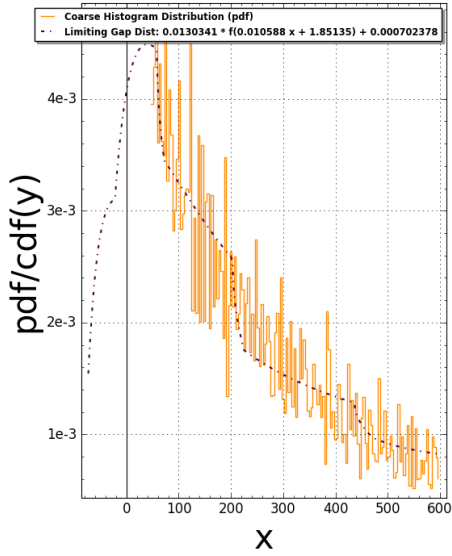Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
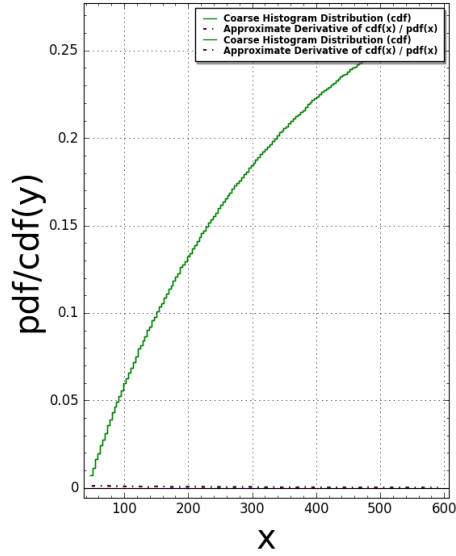
SaddleConnGoldenL(N:=16) Pair Correlation (Squared):
#bins=150, #tiling points = 267
Time Taken: 37.6632 sec (0.627719 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0139604 * f(0.0112802 x + 1.8647) + 0.000742153

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

SaddleConnGoldenL(N:=17) Pair Correlation (Squared):
#bins=150, #tiling points = 300
Time Taken: 39.7747 sec (0.662912 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0130341 * f(0.010588 x + 1.85135) + 0.000702378
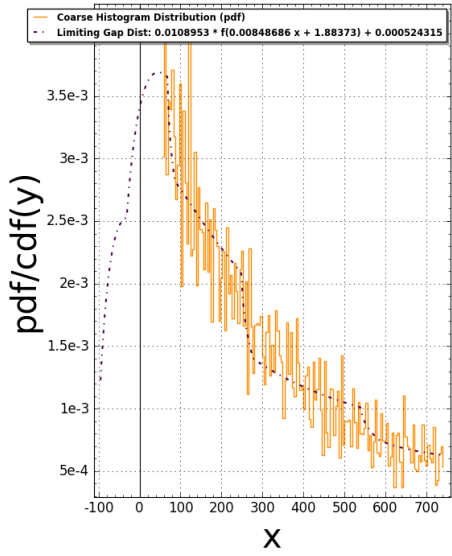
SaddleConnGoldenL(N:=17) Pair Correlation (Squared):
#bins=150, #tiling points = 300
Time Taken: 39.7747 sec (0.662912 mins)

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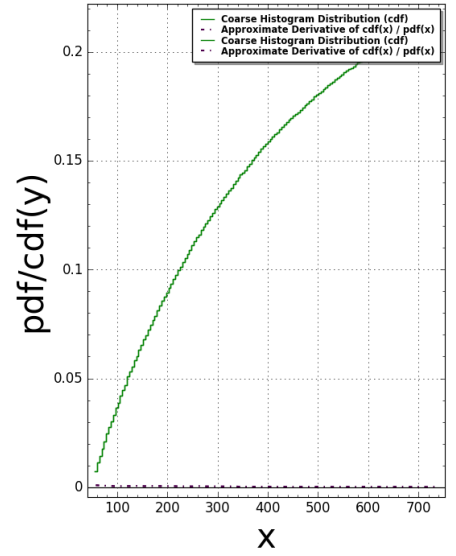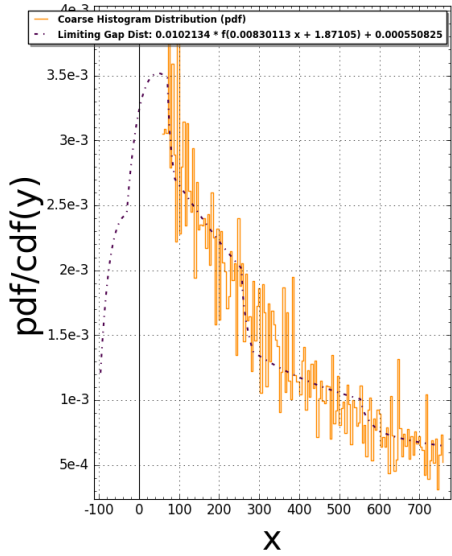Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=18) Pair Correlation (Squared):
#bins=150, #tiling points = 345
Time Taken: 46.7491 sec (0.779152 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0108953 * f(0.00848686 x + 1.88373) + 0.000524315

SaddleConnGoldenL(N:=18) Pair Correlation (Squared):
#bins=150, #tiling points = 345
Time Taken: 46.7491 sec (0.779152 mins)

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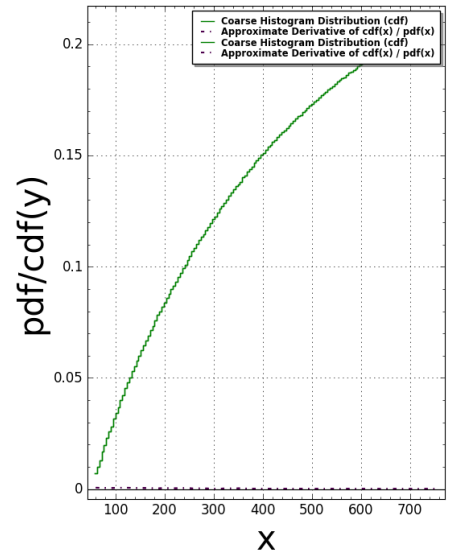Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=19) Pair Correlation (Squared):
#bins=150, #tiling points = 363
Time Taken: 42.3385 sec (0.705642 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0102134 * f(0.00830113 x + 1.87105) + 0.000550825

SaddleConnGoldenL(N:=19) Pair Correlation (Squared):
#bins=150, #tiling points = 363
Time Taken: 42.3385 sec (0.705642 mins)

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

SaddleConnGoldenL(N:=20) Pair Correlation (Squared):
#bins=150, #tiling points = 402
Time Taken: 44.6355 sec (0.743925 mins)

SaddleConnGoldenL(N:=20) Pair Correlation (Squared):
#bins=150, #tiling points = 402
Time Taken: 44.6355 sec (0.743925 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00971576 * f(0.0081587 x + 1.84136) + 0.000568684

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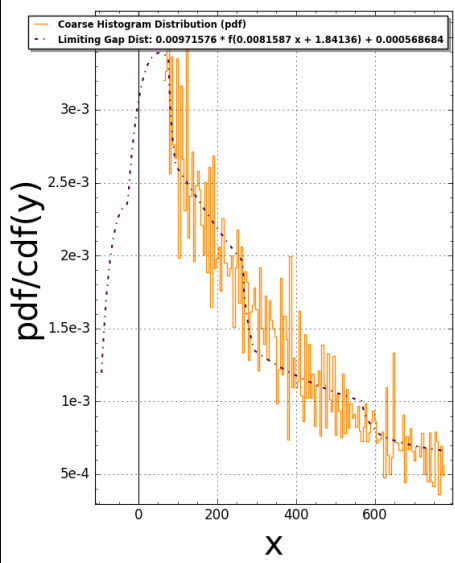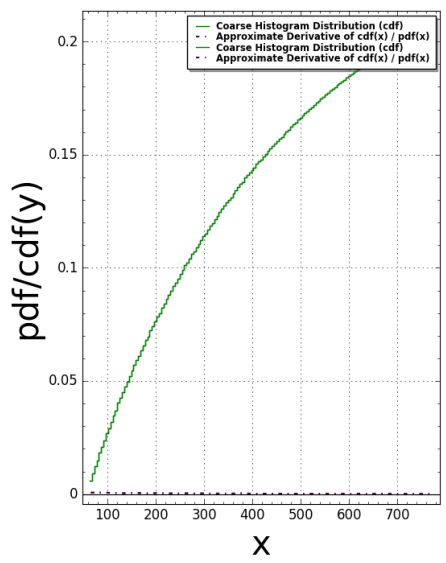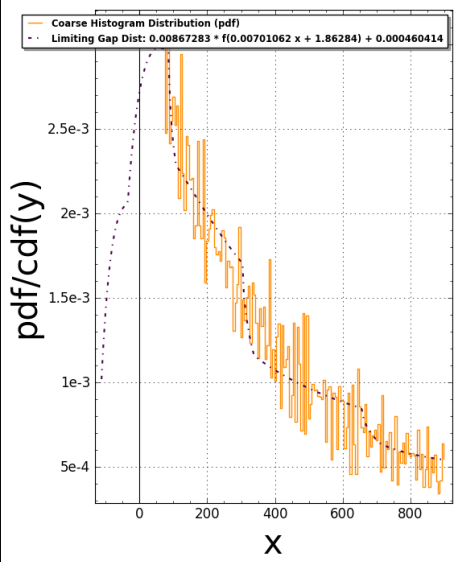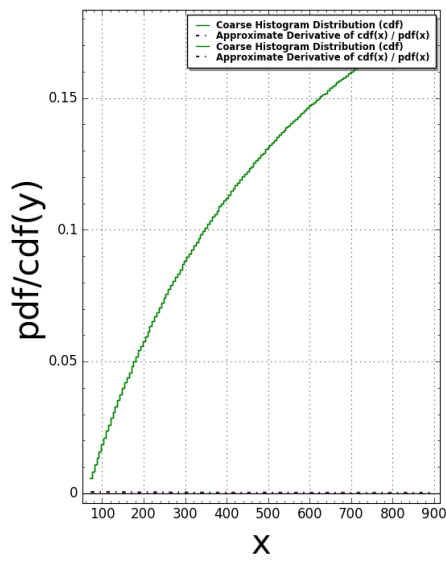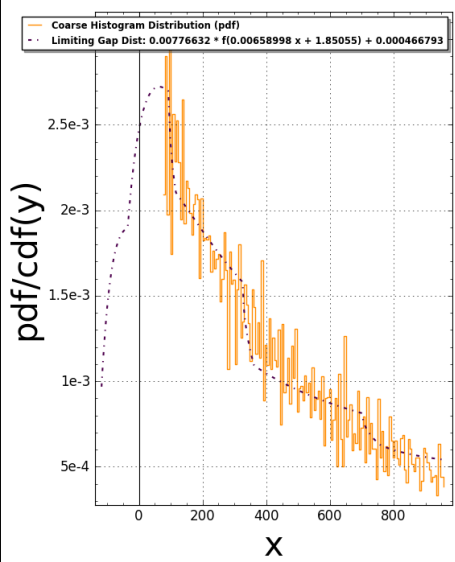Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=21) Pair Correlation (Squared):
#bins=150, #tiling points = 435
Time Taken: 47.3067 sec (0.788445 mins)

SaddleConnGoldenL(N:=21) Pair Correlation (Squared):
#bins=150, #tiling points = 435
Time Taken: 47.3067 sec (0.788445 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00867283 * f(0.00701062 x + 1.86284) + 0.000460414

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

SaddleConnGoldenL(N:=22) Pair Correlation (Squared):
#bins=150, #tiling points = 492
Time Taken: 56.3378 sec (0.938963 mins)

SaddleConnGoldenL(N:=22) Pair Correlation (Squared):
#bins=150, #tiling points = 492
Time Taken: 56.3378 sec (0.938963 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00776632 * f(0.00658998 x + 1.85055) + 0.000466793

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

SaddleConnGoldenL(N:=23) Pair Correlation (Squared):
#bins=150, #tiling points = 546
Time Taken: 59.5689 sec (0.992815 mins)

SaddleConnGoldenL(N:=23) Pair Correlation (Squared):
#bins=150, #tiling points = 546
Time Taken: 59.5689 sec (0.992815 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00681441 * f(0.00570423 x + 1.85864) + 0.000394851

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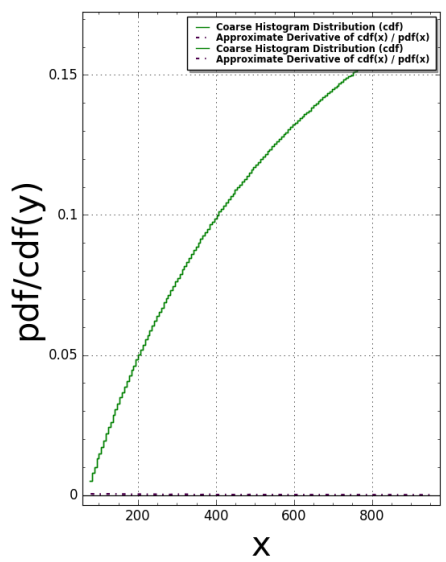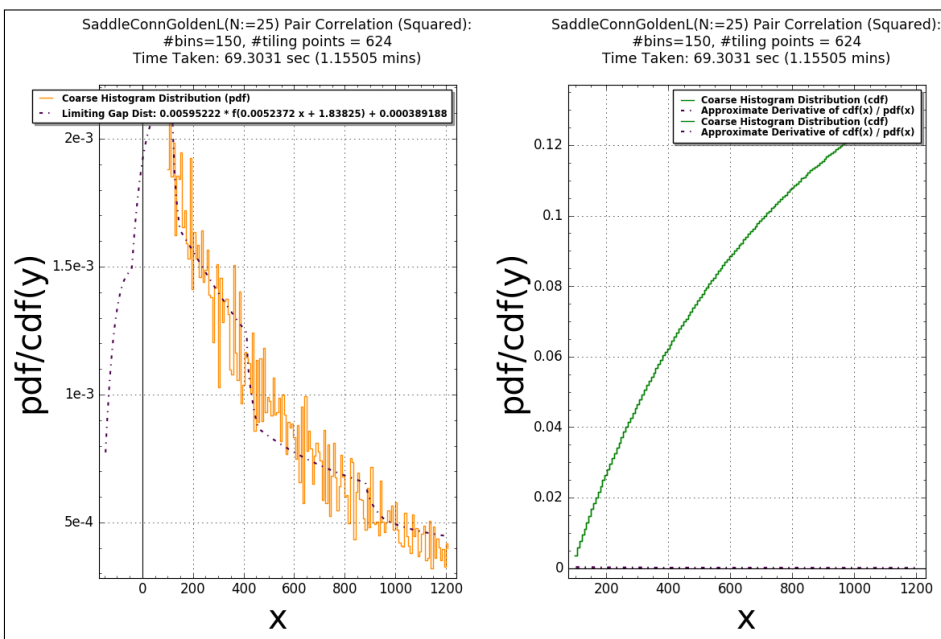Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=24) Pair Correlation (Squared):
#bins=150, #tiling points = 603
Time Taken: 63.3423 sec (1.05571 mins)

SaddleConnGoldenL(N:=24) Pair Correlation (Squared):
#bins=150, #tiling points = 603
Time Taken: 63.3423 sec (1.05571 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00601685 * f(0.00518566 x + 1.84925) + 0.000375595

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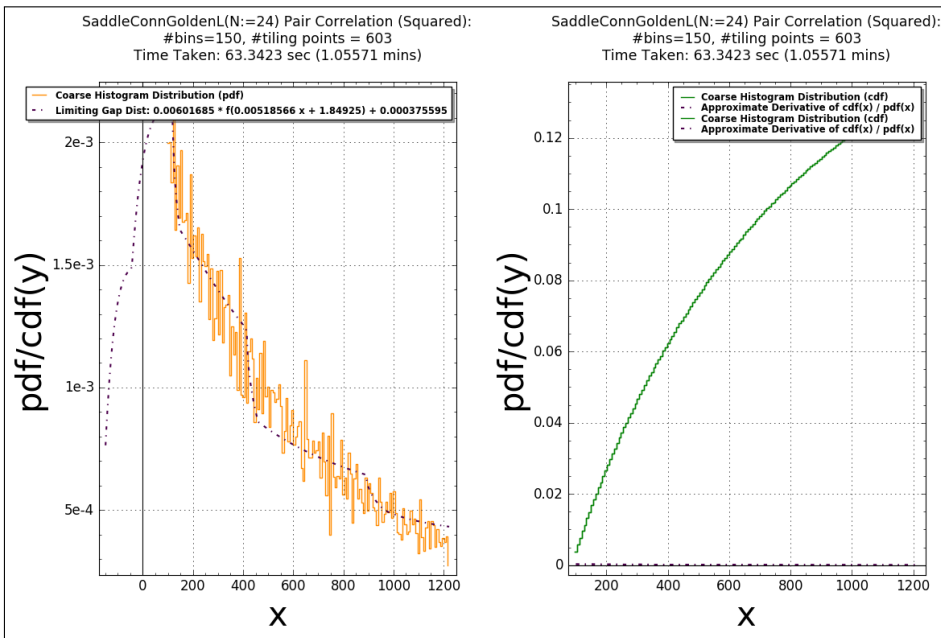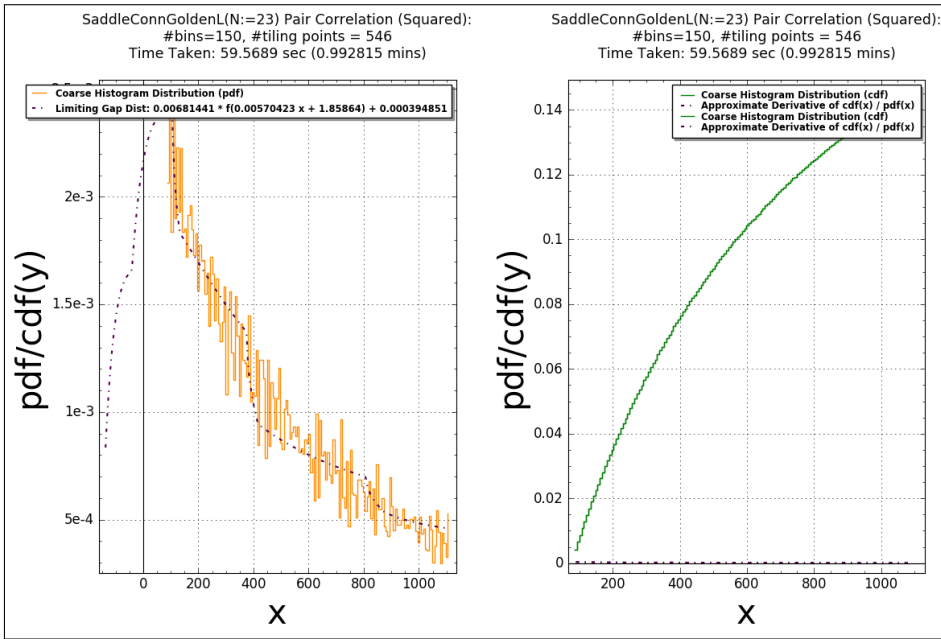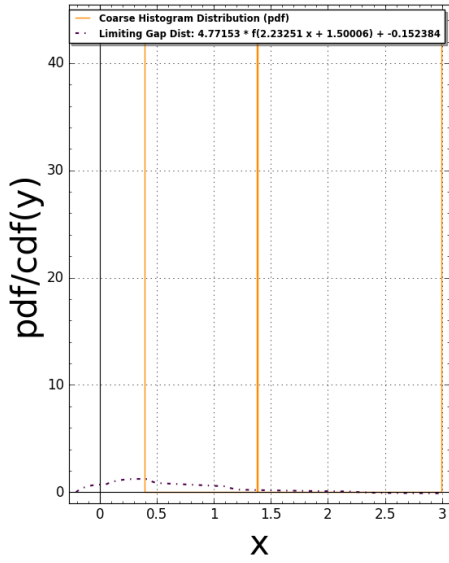Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=25) Pair Correlation (Squared):
#bins=150, #tiling points = 624
Time Taken: 69.3031 sec (1.15505 mins)

SaddleConnGoldenL(N:=25) Pair Correlation (Squared):
#bins=150, #tiling points = 624
Time Taken: 69.3031 sec (1.15505 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00595222 * f(0.0052372 x + 1.83825) + 0.000389188

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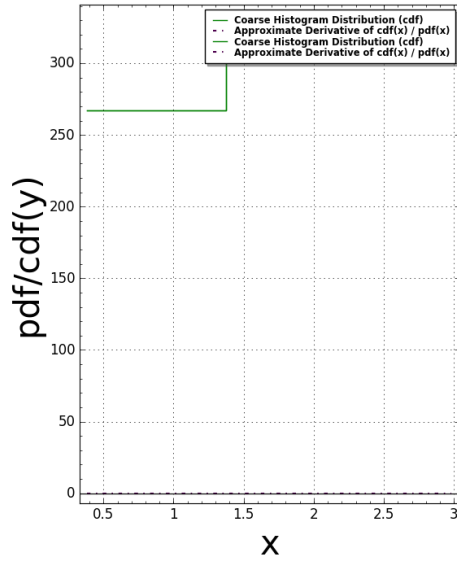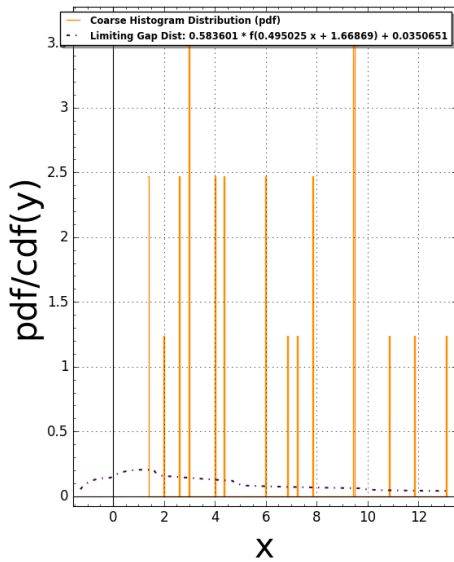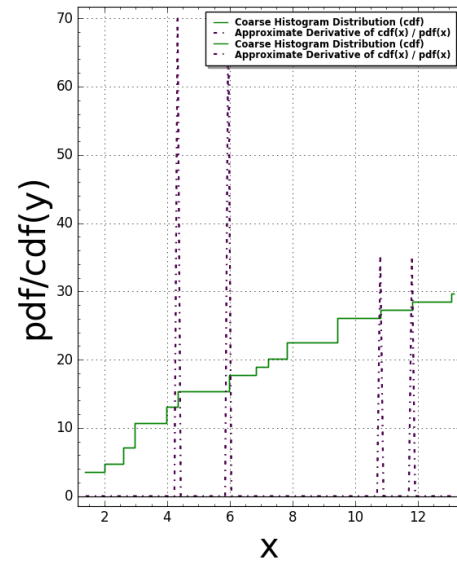Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=1) Pair Correlation (Squared):
#bins=350, #tiling points = 3
Time Taken: 61.6627 sec (1.02771 mins)

SaddleConnGoldenL(N:=1) Pair Correlation (Squared):
#bins=350, #tiling points = 3
Time Taken: 61.6627 sec (1.02771 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 4.77153 * f(2.23251 x + 1.50006) + -0.152384

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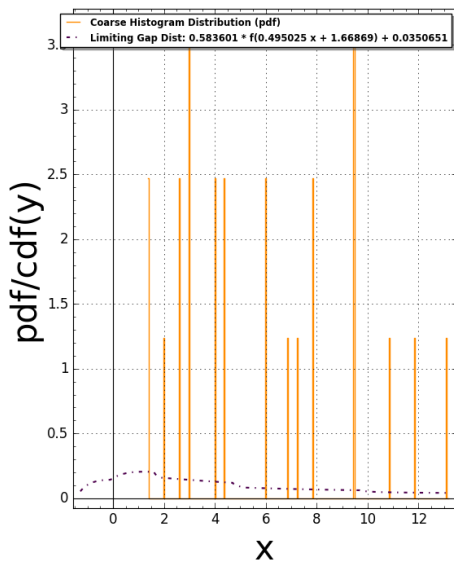Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=2) Pair Correlation (Squared):
#bins=350, #tiling points = 9
Time Taken: 63.3752 sec (1.05625 mins)

SaddleConnGoldenL(N:=2) Pair Correlation (Squared):
#bins=350, #tiling points = 9
Time Taken: 63.3752 sec (1.05625 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.583601 * f(0.495025 x + 1.66869) + 0.0350651

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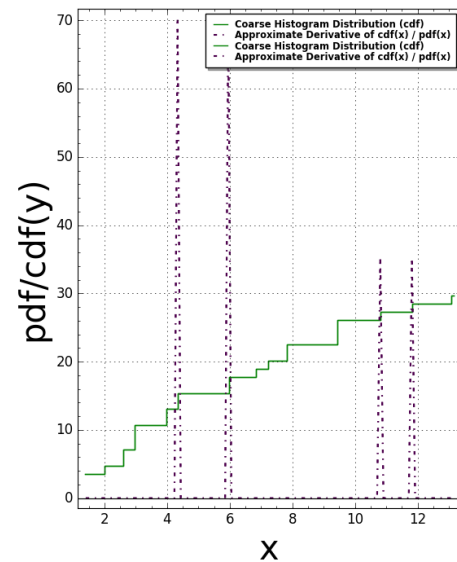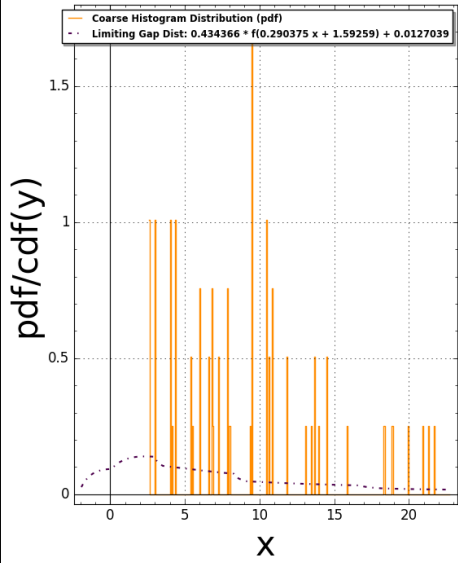Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=3) Pair Correlation (Squared):
#bins=350, #tiling points = 9
Time Taken: 64.1553 sec (1.06925 mins)

SaddleConnGoldenL(N:=3) Pair Correlation (Squared):
#bins=350, #tiling points = 9
Time Taken: 64.1553 sec (1.06925 mins)

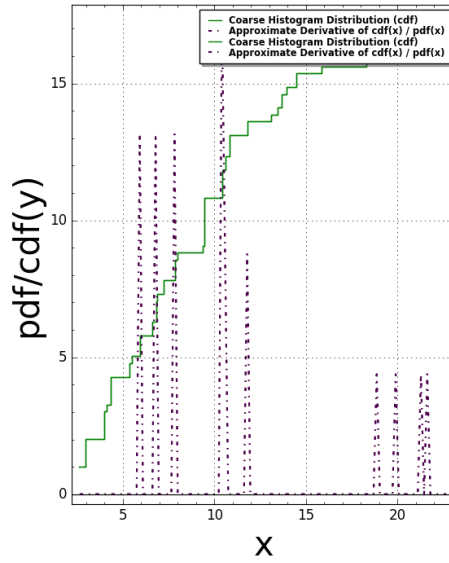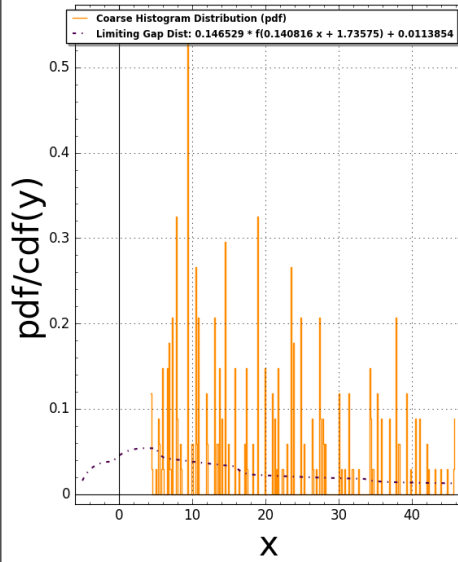Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.583601 * f(0.495025 x + 1.66869) + 0.0350651

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

SaddleConnGoldenL(N:=4) Pair Correlation (Squared):
#bins=350, #tiling points = 15
Time Taken: 61.7636 sec (1.02939 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.434366 * f(0.290375 x + 1.59259) + 0.0127039

SaddleConnGoldenL(N:=4) Pair Correlation (Squared):
#bins=350, #tiling points = 15
Time Taken: 61.7636 sec (1.02939 mins)

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

SaddleConnGoldenL(N:=5) Pair Correlation (Squared):
#bins=350, #tiling points = 30
Time Taken: 75.7156 sec (1.26193 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.146529 * f(0.140816 x + 1.73575) + 0.0113854

SaddleConnGoldenL(N:=5) Pair Correlation (Squared):
#bins=350, #tiling points = 30
Time Taken: 75.7156 sec (1.26193 mins)

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

SaddleConnGoldenL(N:=6) Pair Correlation (Squared):
#bins=350, #tiling points = 36
Time Taken: 64.7354 sec (1.07892 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.120466 * f(0.0738269 x + 1.84678) + 0.00237278

SaddleConnGoldenL(N:=6) Pair Correlation (Squared):
#bins=350, #tiling points = 36
Time Taken: 64.7354 sec (1.07892 mins)

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

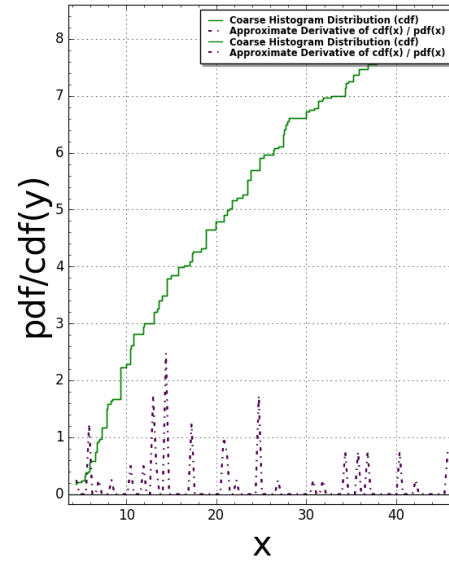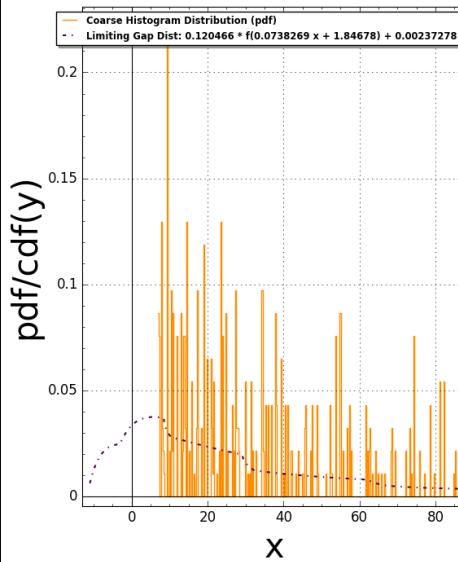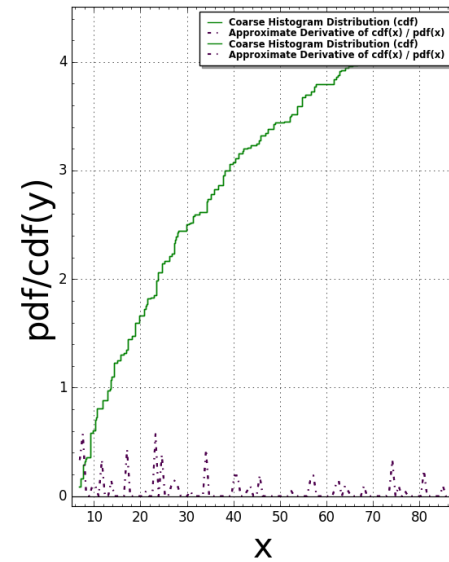SaddleConnGoldenL(N:=7) Pair Correlation (Squared):
#bins=350, #tiling points = 57
Time Taken: 62.9 sec (1.04833 mins)

SaddleConnGoldenL(N:=7) Pair Correlation (Squared):
#bins=350, #tiling points = 57
Time Taken: 62.9 sec (1.04833 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0680047 * f(0.0634976 x + 1.8113) + 0.00506265

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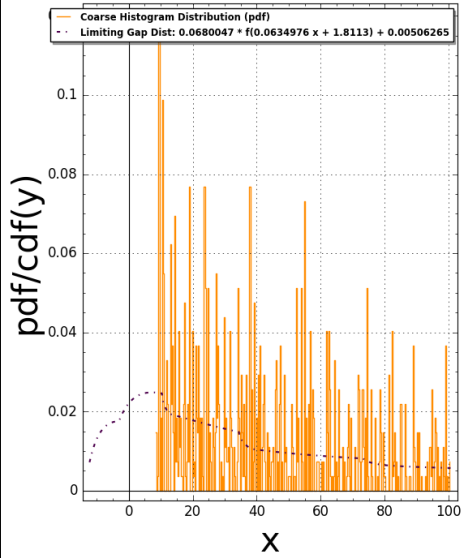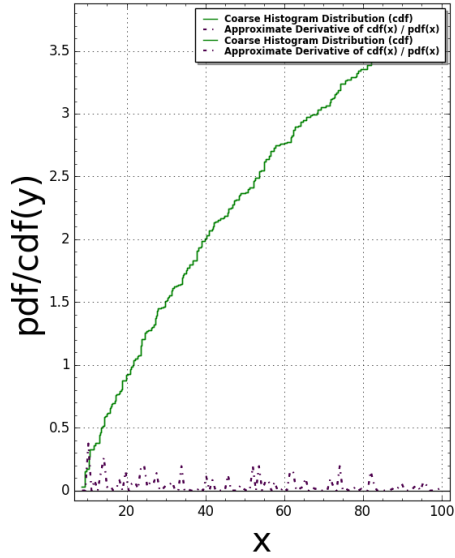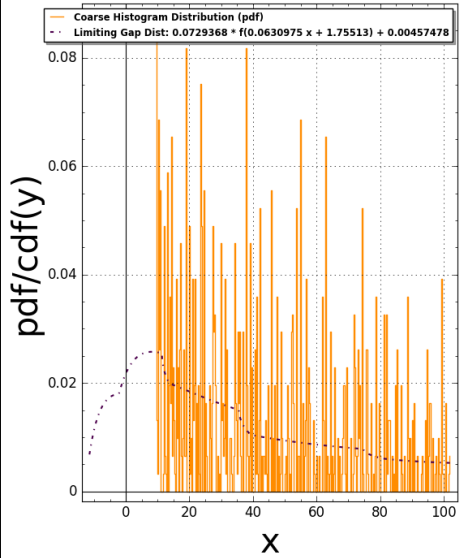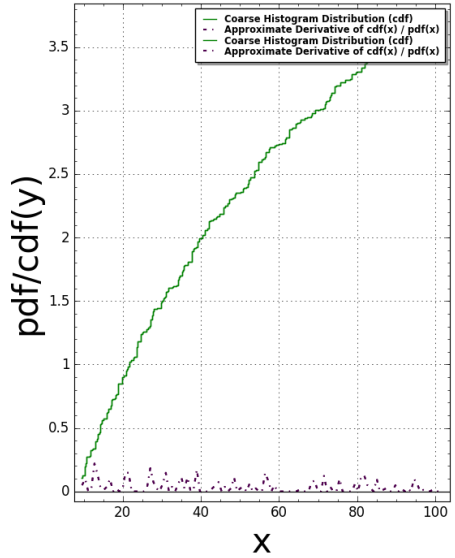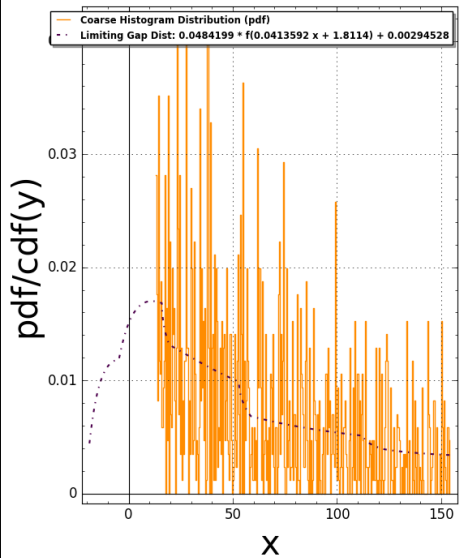Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=8) Pair Correlation (Squared):
#bins=350, #tiling points = 60
Time Taken: 64.1265 sec (1.06877 mins)

SaddleConnGoldenL(N:=8) Pair Correlation (Squared):
#bins=350, #tiling points = 60
Time Taken: 64.1265 sec (1.06877 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0729368 * f(0.0630975 x + 1.75513) + 0.00457478

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

SaddleConnGoldenL(N:=9) Pair Correlation (Squared):
#bins=350, #tiling points = 81
Time Taken: 64.9899 sec (1.08316 mins)

SaddleConnGoldenL(N:=9) Pair Correlation (Squared):
#bins=350, #tiling points = 81
Time Taken: 64.9899 sec (1.08316 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0484199 * f(0.0413592 x + 1.8114) + 0.00294528

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

SaddleConnGoldenL(N:=10) Pair Correlation (Squared):
#bins=350, #tiling points = 111
Time Taken: 65.8717 sec (1.09786 mins)

— Coarse Histogram Distribution (pdf)
···· Limiting Gap Dist: 0.0326683 * f(0.0251279 x + 1.88497) + 0.00151111

SaddleConnGoldenL(N:=10) Pair Correlation (Squared):
#bins=350, #tiling points = 111
Time Taken: 65.8717 sec (1.09786 mins)

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

SaddleConnGoldenL(N:=11) Pair Correlation (Squared):
#bins=350, #tiling points = 120
Time Taken: 66.2905 sec (1.10484 mins)

— Coarse Histogram Distribution (pdf)
···· Limiting Gap Dist: 0.0341226 * f(0.0263901 x + 1.85286) + 0.00160526

SaddleConnGoldenL(N:=11) Pair Correlation (Squared):
#bins=350, #tiling points = 120
Time Taken: 66.2905 sec (1.10484 mins)

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

SaddleConnGoldenL(N:=12) Pair Correlation (Squared):
#bins=350, #tiling points = 135
Time Taken: 67.0654 sec (1.11776 mins)

— Coarse Histogram Distribution (pdf)
···· Limiting Gap Dist: 0.0320133 * f(0.0261881 x + 1.8305) + 0.00175462

SaddleConnGoldenL(N:=12) Pair Correlation (Squared):
#bins=350, #tiling points = 135
Time Taken: 67.0654 sec (1.11776 mins)

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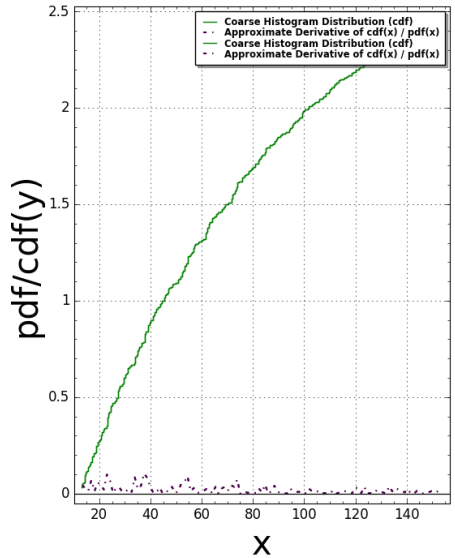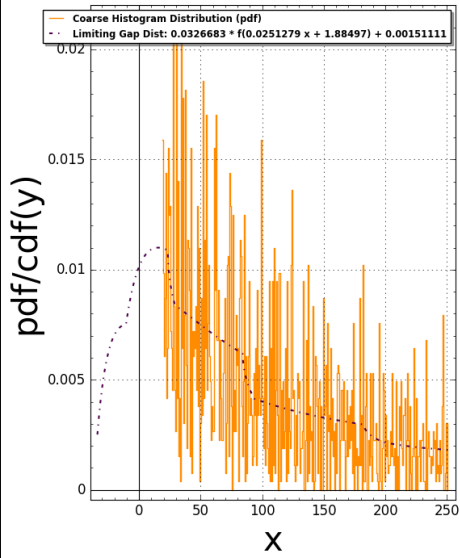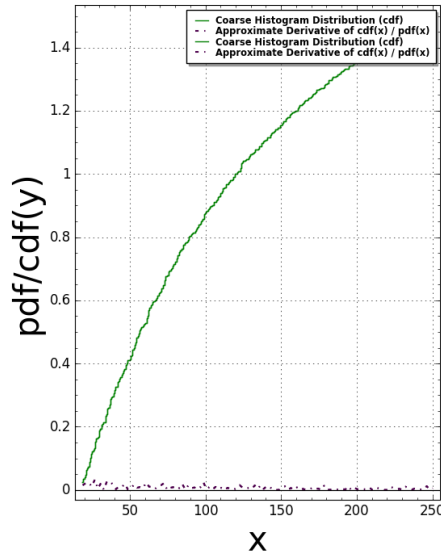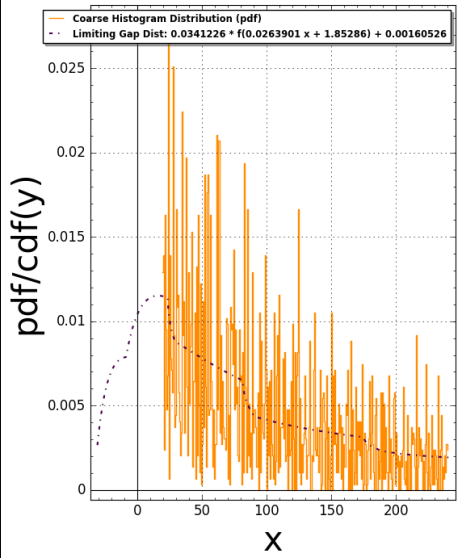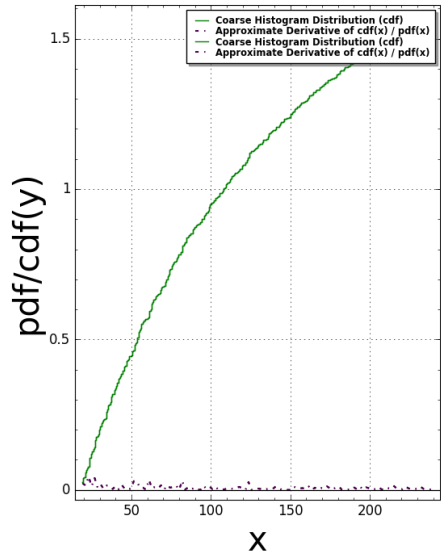···· Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=13) Pair Correlation (Squared):
#bins=350, #tiling points = 186
Time Taken: 69.663 sec (1.16105 mins)

SaddleConnGoldenL(N:=13) Pair Correlation (Squared):
#bins=350, #tiling points = 186
Time Taken: 69.663 sec (1.16105 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0199299 * f(0.0172108 x + 1.83588) + 0.00124227

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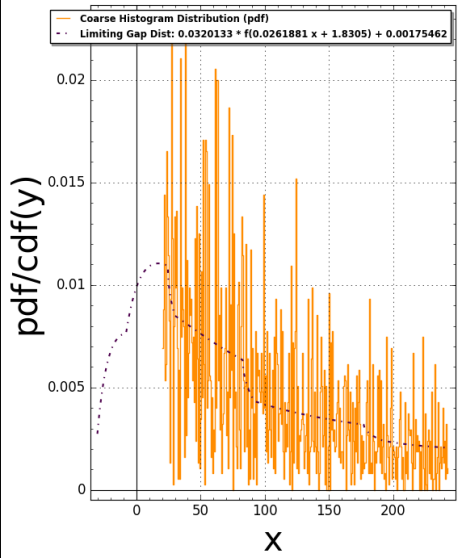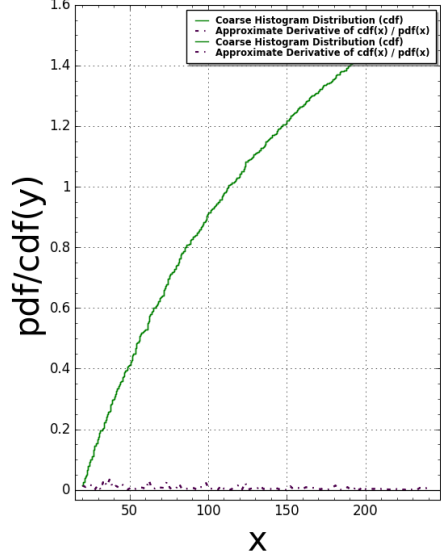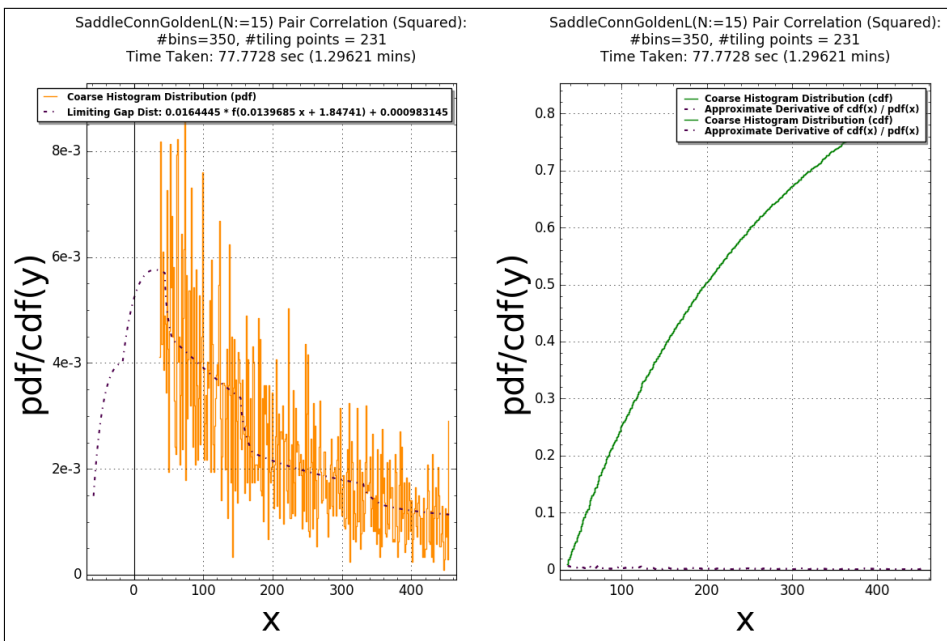Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=14) Pair Correlation (Squared):
#bins=350, #tiling points = 204
Time Taken: 68.9327 sec (1.14888 mins)

SaddleConnGoldenL(N:=14) Pair Correlation (Squared):
#bins=350, #tiling points = 204
Time Taken: 68.9327 sec (1.14888 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0182397 * f(0.0142116 x + 1.86576) + 0.000877228

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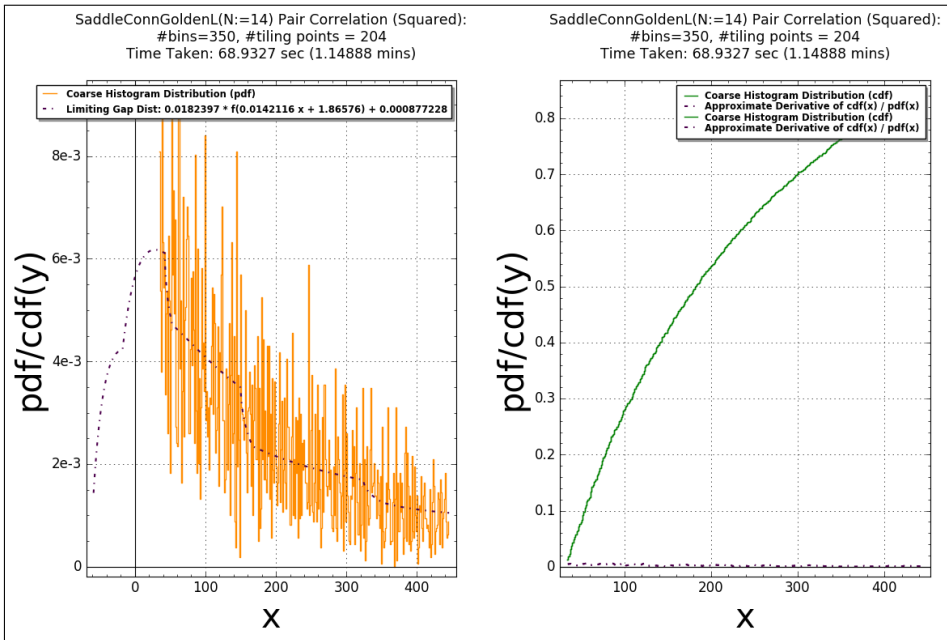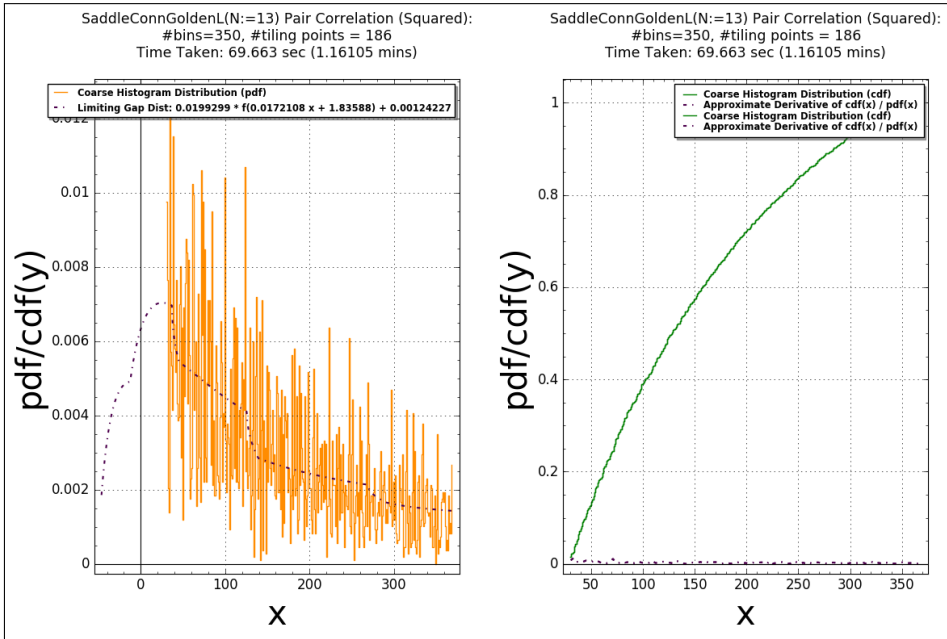Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=15) Pair Correlation (Squared):
#bins=350, #tiling points = 231
Time Taken: 77.7728 sec (1.29621 mins)

SaddleConnGoldenL(N:=15) Pair Correlation (Squared):
#bins=350, #tiling points = 231
Time Taken: 77.7728 sec (1.29621 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0164445 * f(0.0139685 x + 1.84741) + 0.000983145

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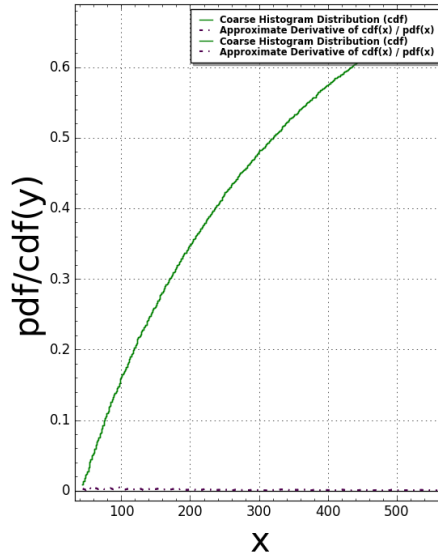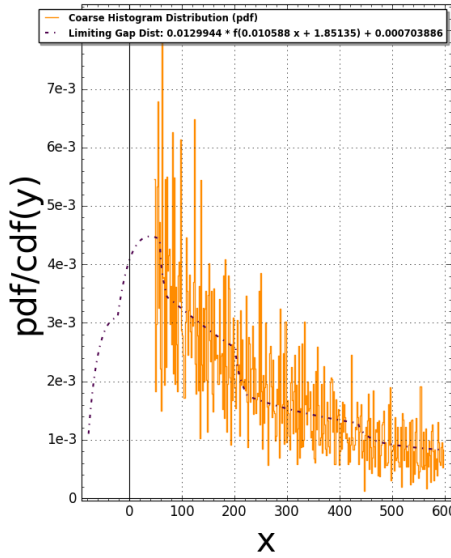Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=16) Pair Correlation (Squared):
#bins=350, #tiling points = 267
Time Taken: 71.6565 sec (1.19428 mins)

- Coarse Histogram Distribution (pdf)
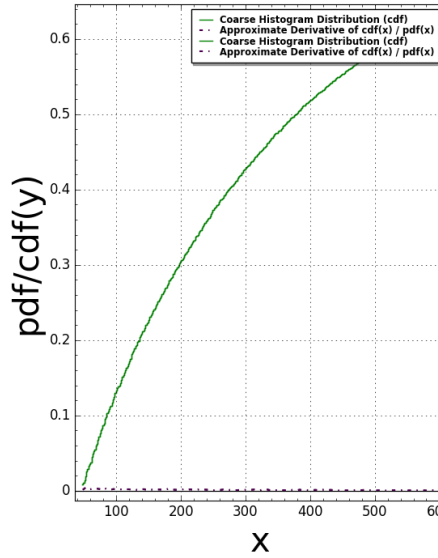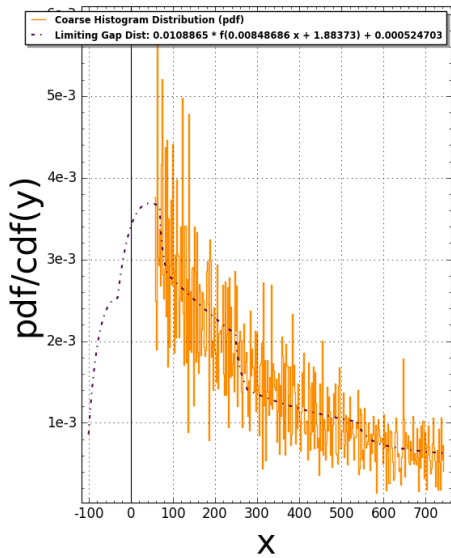- Limiting Gap Dist: 0.0139869 * f(0.0112802 x + 1.8647) + 0.000739121

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

SaddleConnGoldenL(N:=17) Pair Correlation (Squared):
#bins=350, #tiling points = 300
Time Taken: 74.5826 sec (1.24304 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.0129944 * f(0.010588 x + 1.85135) + 0.000703886

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

SaddleConnGoldenL(N:=18) Pair Correlation (Squared):
#bins=350, #tiling points = 345
Time Taken: 85.2659 sec (1.4211 mins)

- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.0108865 * f(0.00848686 x + 1.88373) + 0.000524703

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

SaddleConnGoldenL(N:=19) Pair Correlation (Squared):
#bins=350, #tiling points = 363
Time Taken: 76.1311 sec (1.26885 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.0102044 * f(0.00830113 x + 1.87105) + 0.000551193
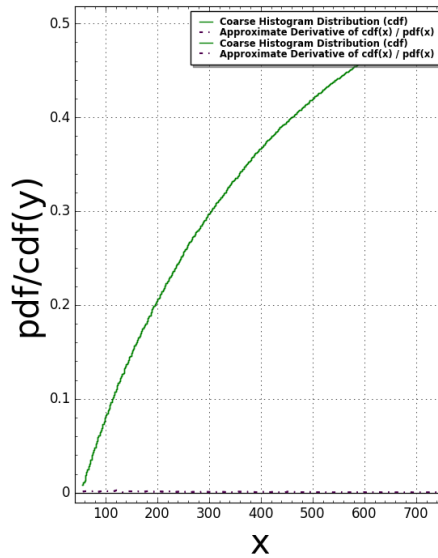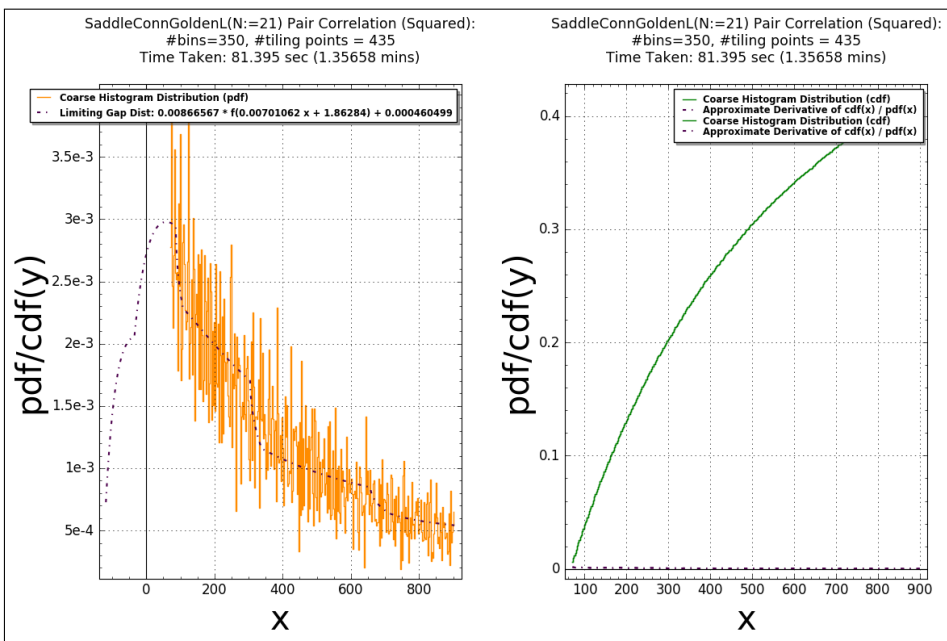
SaddleConnGoldenL(N:=19) Pair Correlation (Squared):
#bins=350, #tiling points = 363
Time Taken: 76.1311 sec (1.26885 mins)

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

SaddleConnGoldenL(N:=20) Pair Correlation (Squared):
#bins=350, #tiling points = 402
Time Taken: 78.6023 sec (1.31004 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00972145 * f(0.0081587 x + 1.84136) + 0.000566859

SaddleConnGoldenL(N:=20) Pair Correlation (Squared):
#bins=350, #tiling points = 402
Time Taken: 78.6023 sec (1.31004 mins)

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

SaddleConnGoldenL(N:=21) Pair Correlation (Squared):
#bins=350, #tiling points = 435
Time Taken: 81.395 sec (1.35658 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00866567 * f(0.00701062 x + 1.86284) + 0.000460499

SaddleConnGoldenL(N:=21) Pair Correlation (Squared):
#bins=350, #tiling points = 435
Time Taken: 81.395 sec (1.35658 mins)

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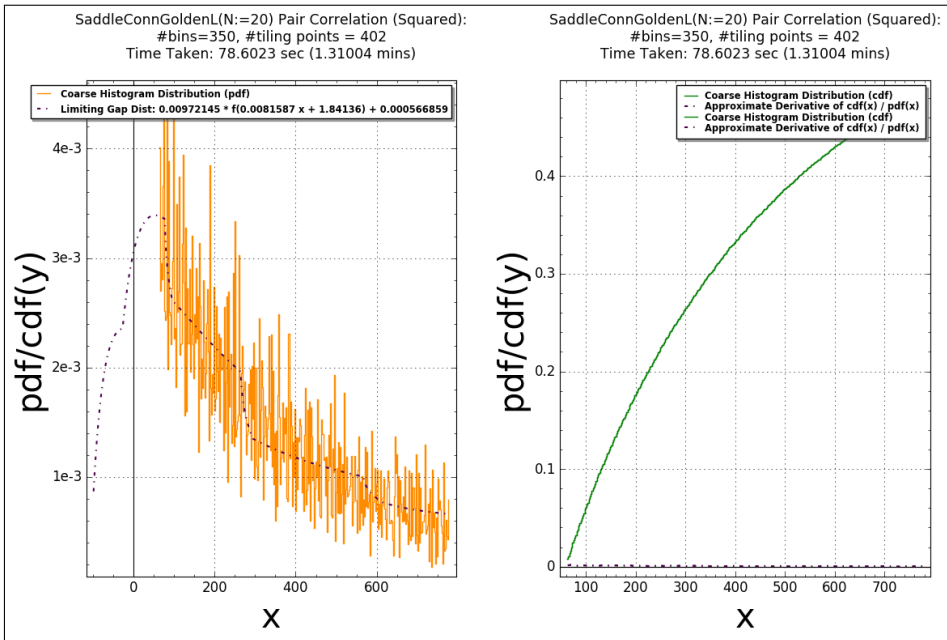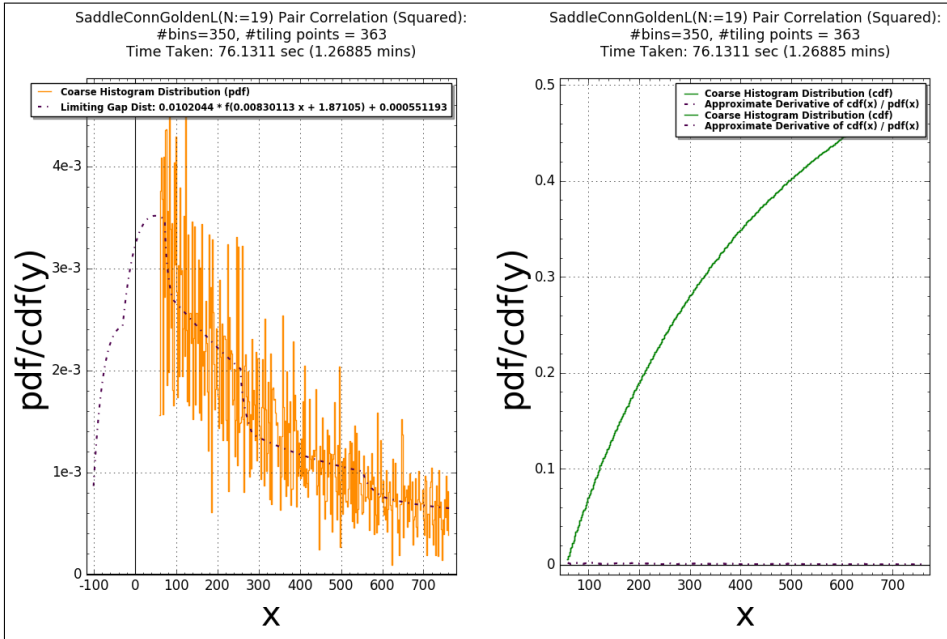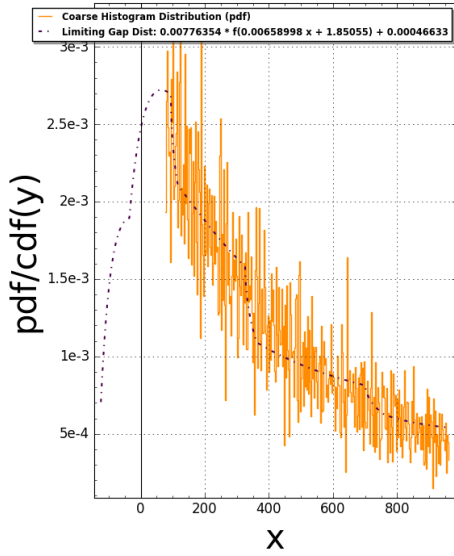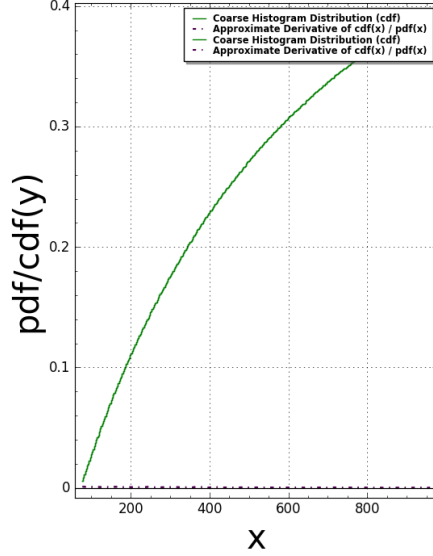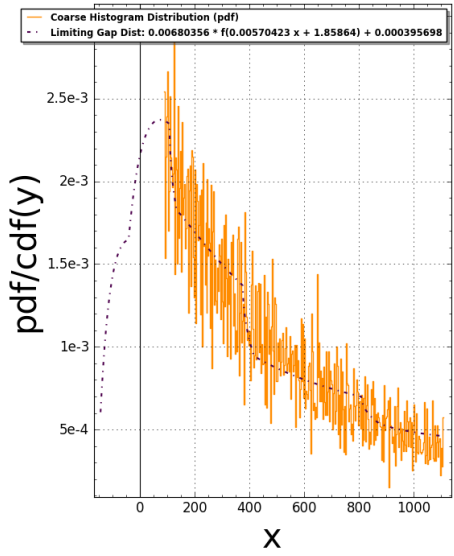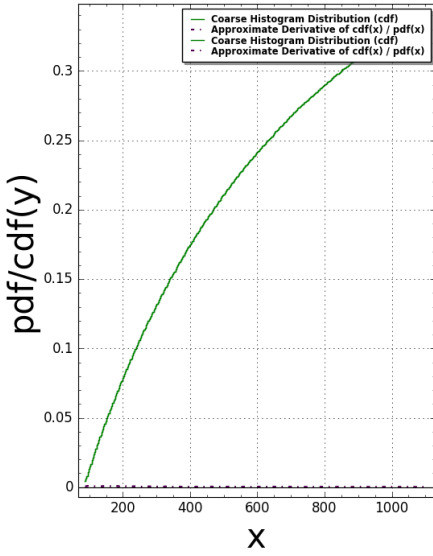Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=22) Pair Correlation (Squared):
#bins=350, #tiling points = 492
Time Taken: 94.9468 sec (1.58245 mins)

SaddleConnGoldenL(N:=22) Pair Correlation (Squared):
#bins=350, #tiling points = 492
Time Taken: 94.9468 sec (1.58245 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00776354 * f(0.00658998 x + 1.85055) + 0.00046633

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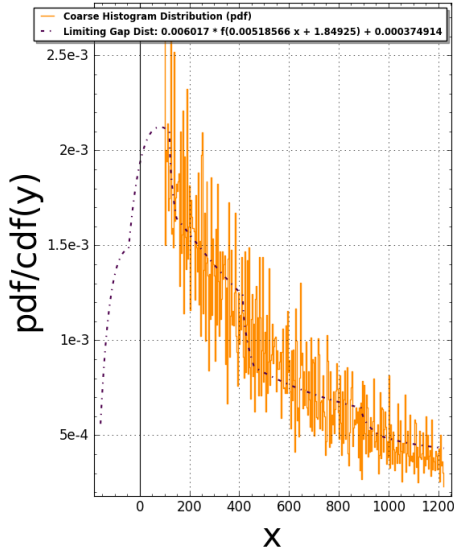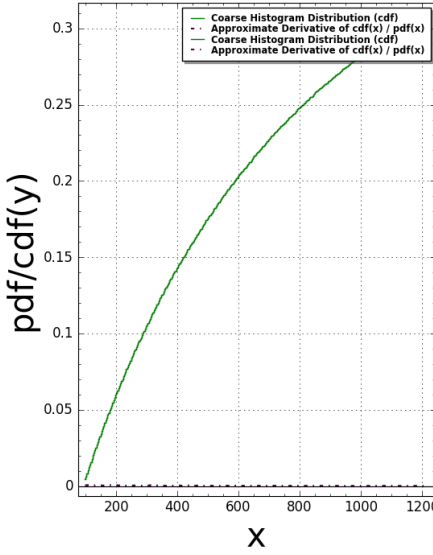Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=23) Pair Correlation (Squared):
#bins=350, #tiling points = 546
Time Taken: 95.6961 sec (1.59494 mins)

SaddleConnGoldenL(N:=23) Pair Correlation (Squared):
#bins=350, #tiling points = 546
Time Taken: 95.6961 sec (1.59494 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.00680356 * f(0.00570423 x + 1.85864) + 0.000395698

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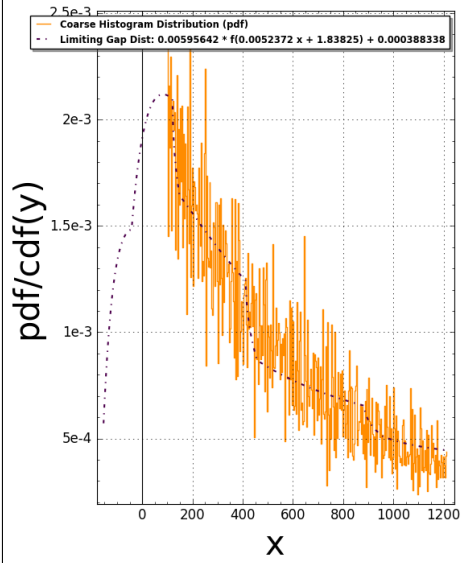Approximate Derivative of cdf(x) / pdf(x)

SaddleConnGoldenL(N:=24) Pair Correlation (Squared):
#bins=350, #tiling points = 603
Time Taken: 98.3826 sec (1.63971 mins)

SaddleConnGoldenL(N:=24) Pair Correlation (Squared):
#bins=350, #tiling points = 603
Time Taken: 98.3826 sec (1.63971 mins)

Coarse Histogram Distribution (pdf)
Limiting Gap Dist: 0.006017 * f(0.00518566 x + 1.84925) + 0.000374914

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

SaddleConnGoldenL(N:=25) Pair Correlation (Squared):
#bins=350, #tiling points = 624
Time Taken: 107.298 sec (1.7883 mins)

SaddleConnGoldenL(N:=25) Pair Correlation (Squared):
#bins=350, #tiling points = 624
Time Taken: 107.298 sec (1.7883 mins)

Left plot legend:
- Coarse Histogram Distribution (pdf)
- Limiting Gap Dist: 0.00595642 * f(0.0052372 x + 1.83825) + 0.000388338

Right plot legend:
- Coarse Histogram Distribution (cdf)
- Approximate Derivative of cdf(x) / pdf(x)
- Coarse Histogram Distribution (cdf)
- Approximate Derivative of cdf(x) / pdf(x)