SDHouse(N:=1) Slopes:
#bins=100, #tiling points = 4
Time Taken: 5.59104 sec (0.0931839 mins)

SDHouse(N:=1) Slopes:
#bins=100, #tiling points = 4
Time Taken: 5.59104 sec (0.0931839 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)
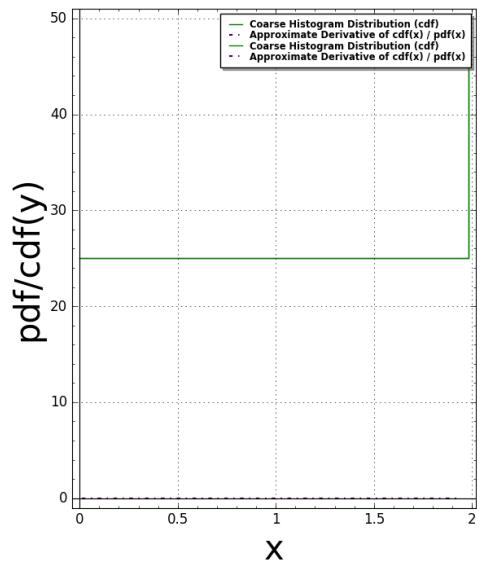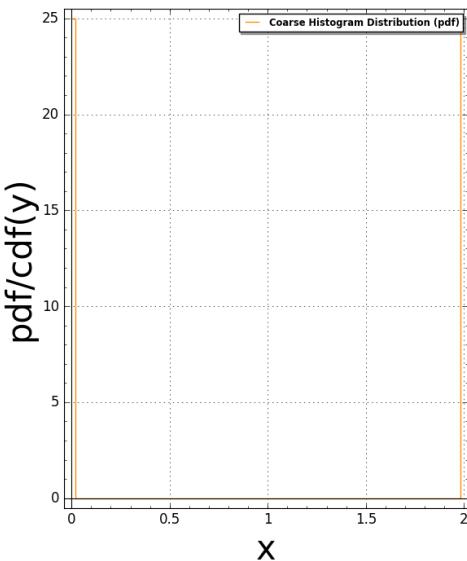
SDHouse(N:=2) Slopes:
#bins=100, #tiling points = 4
Time Taken: 5.45866 sec (0.0909776 mins)

SDHouse(N:=2) Slopes:
#bins=100, #tiling points = 4
Time Taken: 5.45866 sec (0.0909776 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)
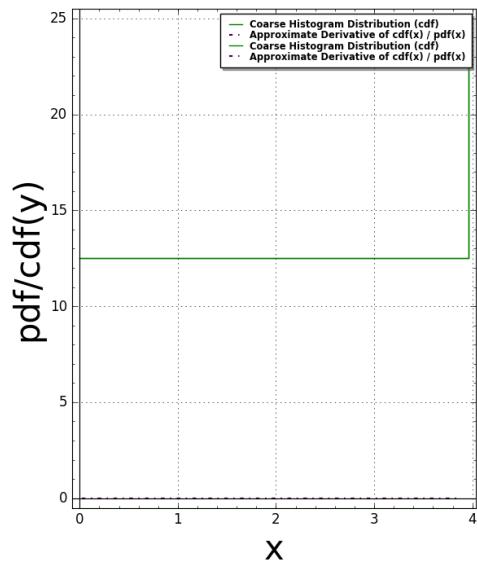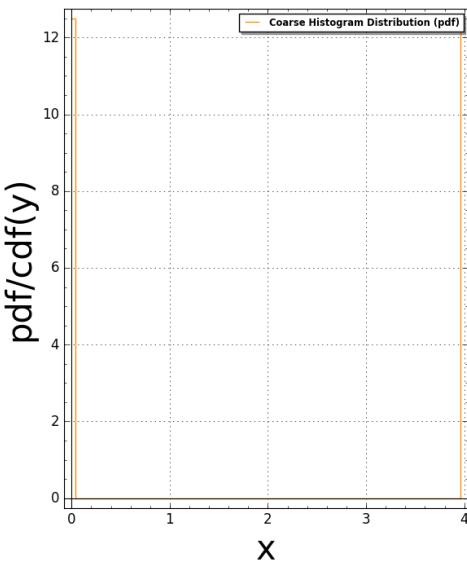
SDHouse(N:=3) Slopes:
#bins=100, #tiling points = 7
Time Taken: 6.63516 sec (0.110586 mins)

SDHouse(N:=3) Slopes:
#bins=100, #tiling points = 7
Time Taken: 6.63516 sec (0.110586 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)

pdf/cdf(y)

X
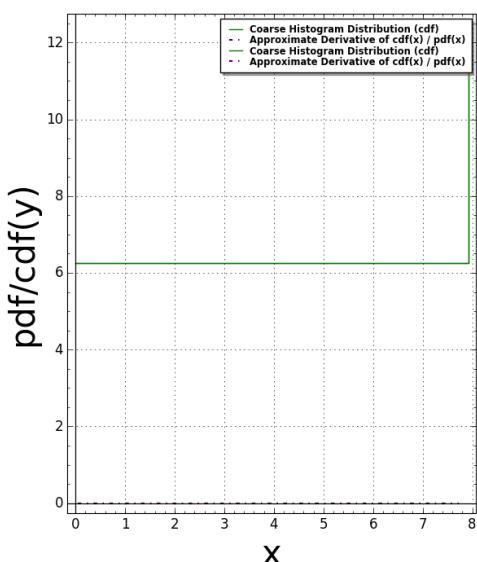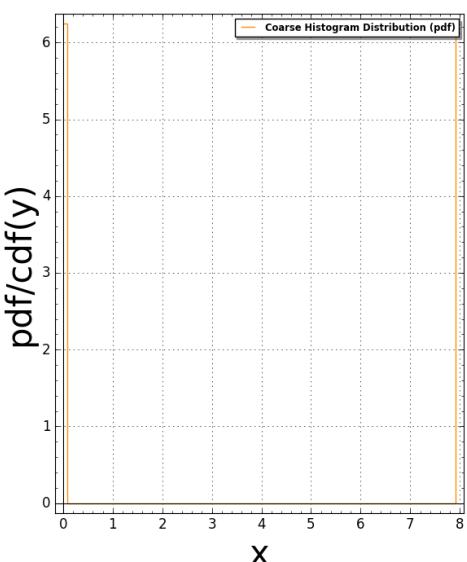
SDHouse(N:=4) Slopes:
#bins=100, #tiling points = 10
Time Taken: 7.31448 sec (0.121908 mins)
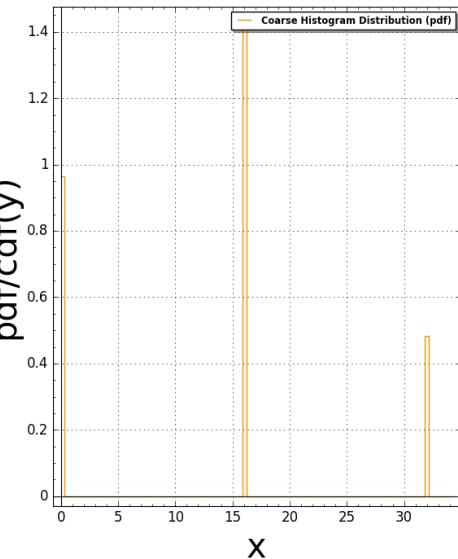
SDHouse(N:=4) Slopes:
#bins=100, #tiling points = 10
Time Taken: 7.31448 sec (0.121908 mins)
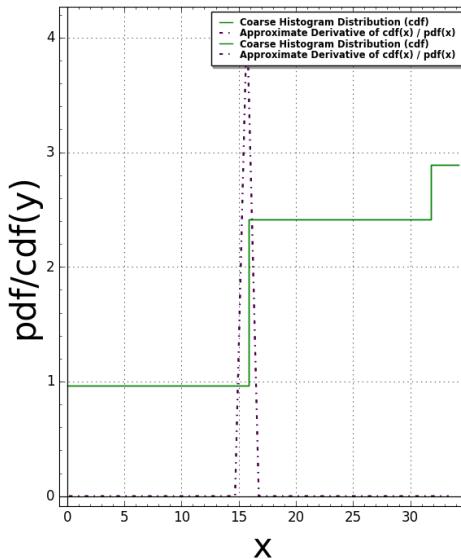
SDHouse(N:=5) Slopes:
#bins=100, #tiling points = 19
Time Taken: 5.39754 sec (0.0899589 mins)
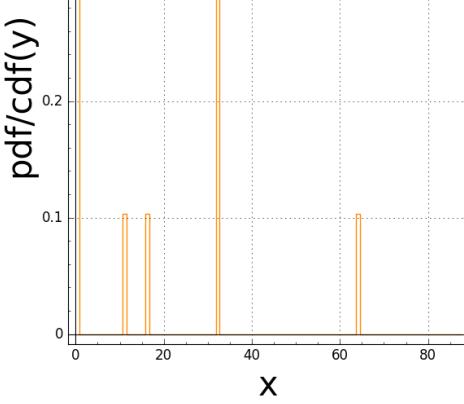
SDHouse(N:=5) Slopes:
#bins=100, #tiling points = 19
Time Taken: 5.39754 sec (0.0899589 mins)
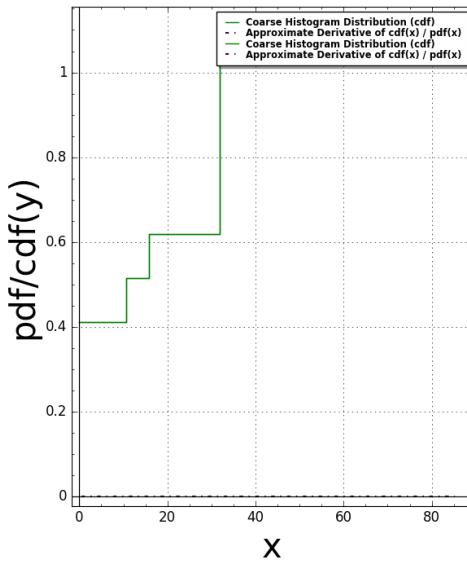
SDHouse(N:=6) Slopes:
#bins=100, #tiling points = 32
Time Taken: 5.50096 sec (0.0916827 mins)
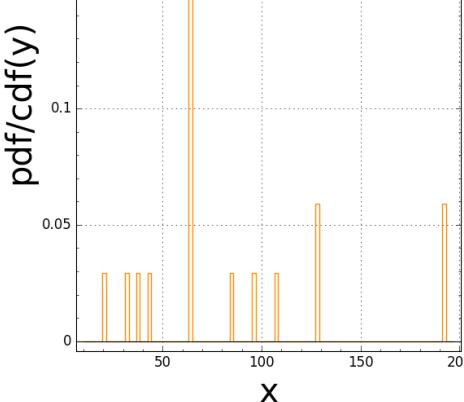
SDHouse(N:=6) Slopes:
#bins=100, #tiling points = 32
Time Taken: 5.50096 sec (0.0916827 mins)
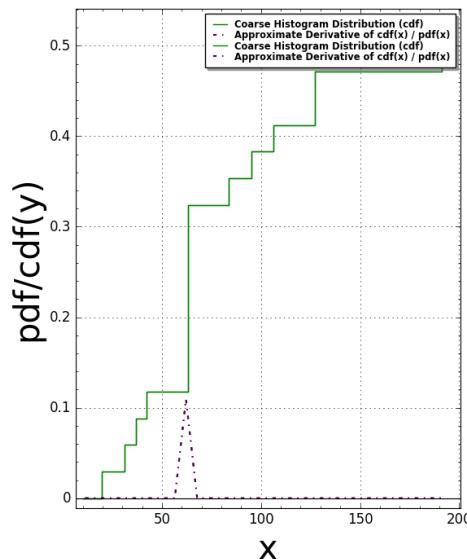
SDHouse(N:=7) Slopes:
#bins=100, #tiling points = 62
Time Taken: 6.2651 sec (0.104418 mins)
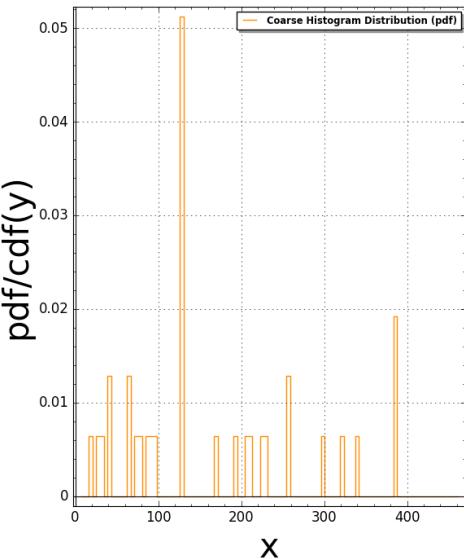
SDHouse(N:=7) Slopes:
#bins=100, #tiling points = 62
Time Taken: 6.2651 sec (0.104418 mins)
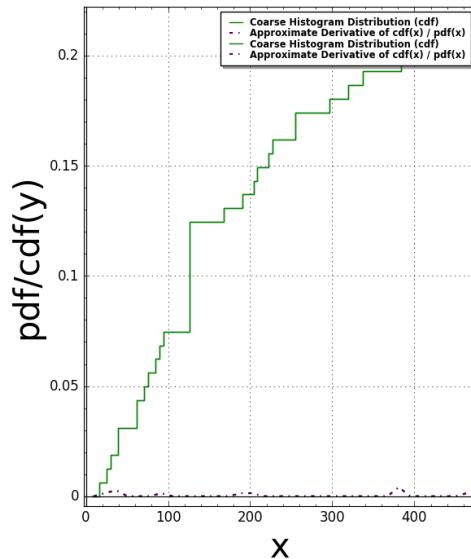
SDHouse(N:=8) Slopes:
#bins=100, #tiling points = 114
Time Taken: 6.61967 sec (0.110328 mins)
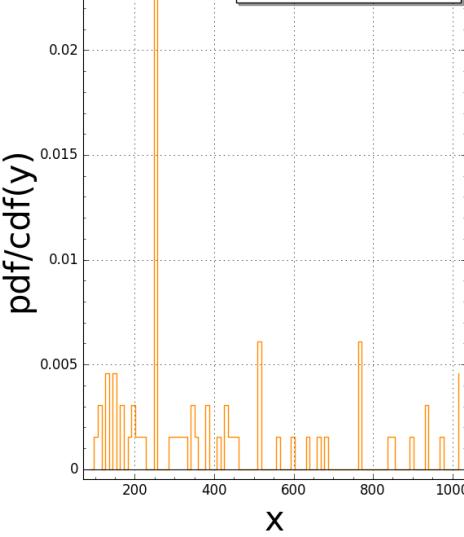
SDHouse(N:=8) Slopes:
#bins=100, #tiling points = 114
Time Taken: 6.61967 sec (0.110328 mins)
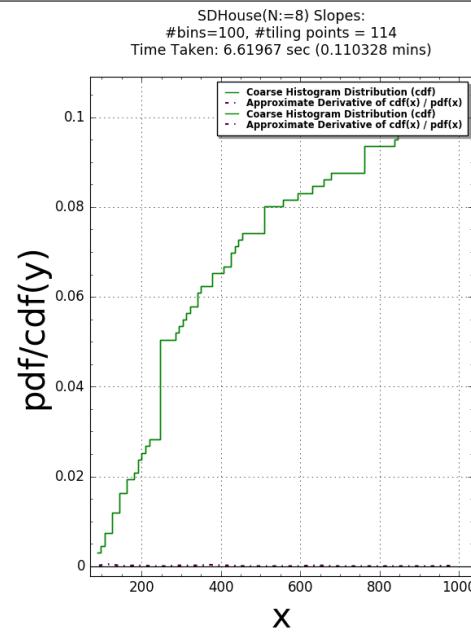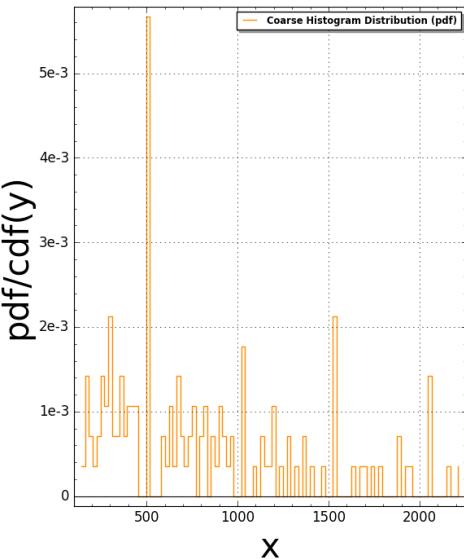
SDHouse(N:=9) Slopes:
#bins=100, #tiling points = 224
Time Taken: 7.30456 sec (0.121743 mins)

SDHouse(N:=9) Slopes:
#bins=100, #tiling points = 224
Time Taken: 7.30456 sec (0.121743 mins)
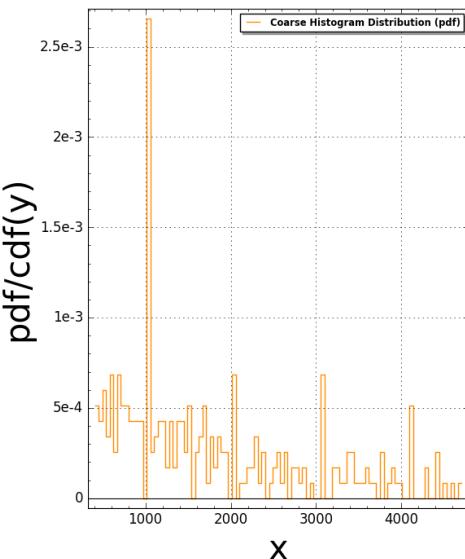
Coarse Histogram Distribution (pdf)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)

SDHouse(N:=10) Slopes:
#bins=100, #tiling points = 430
Time Taken: 8.7518 sec (0.145863 mins)

Coarse Histogram Distribution (pdf)

SDHouse(N:=10) Slopes:
#bins=100, #tiling points = 430
Time Taken: 8.7518 sec (0.145863 mins)

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

SDHouse(N:=1) Slopes:
#bins=125, #tiling points = 4
Time Taken: 6.33185 sec (0.105531 mins)

Coarse Histogram Distribution (pdf)

SDHouse(N:=1) Slopes:
#bins=125, #tiling points = 4
Time Taken: 6.33185 sec (0.105531 mins)

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

SDHouse(N:=2) Slopes:
#bins=125, #tiling points = 4
Time Taken: 6.01682 sec (0.10028 mins)

Coarse Histogram Distribution (pdf)

SDHouse(N:=2) Slopes:
#bins=125, #tiling points = 4
Time Taken: 6.01682 sec (0.10028 mins)

Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
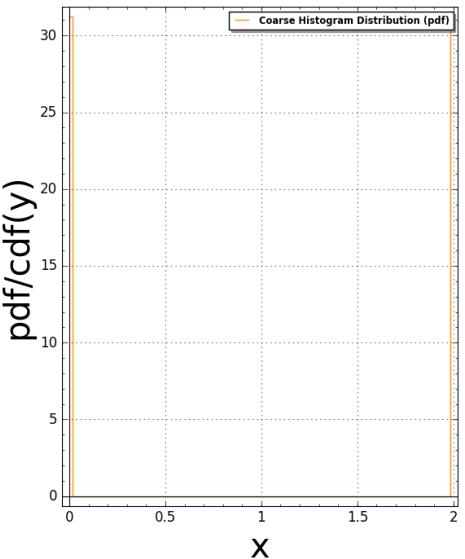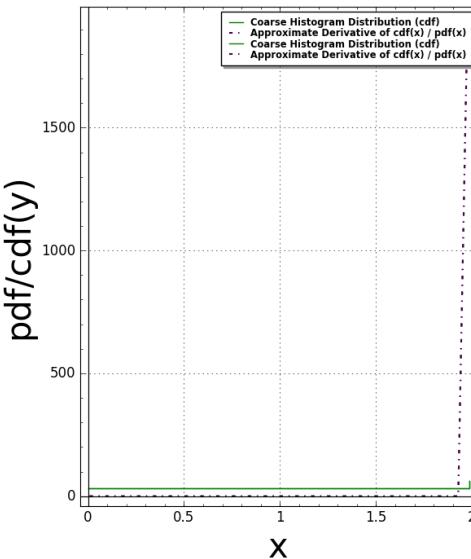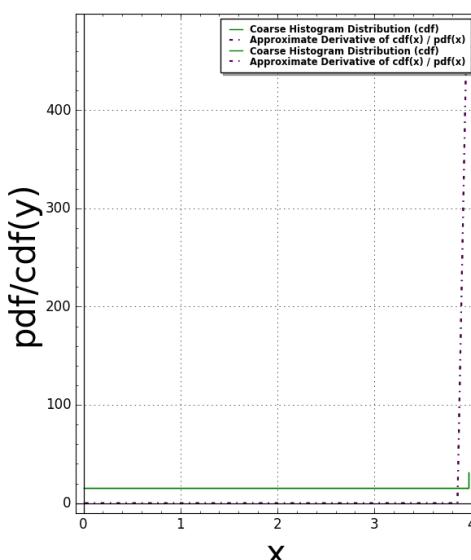
SDHouse(N:=3) Slopes:
#bins=125, #tiling points = 7
Time Taken: 7.51305 sec (0.125218 mins)

SDHouse(N:=3) Slopes:
#bins=125, #tiling points = 7
Time Taken: 7.51305 sec (0.125218 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)
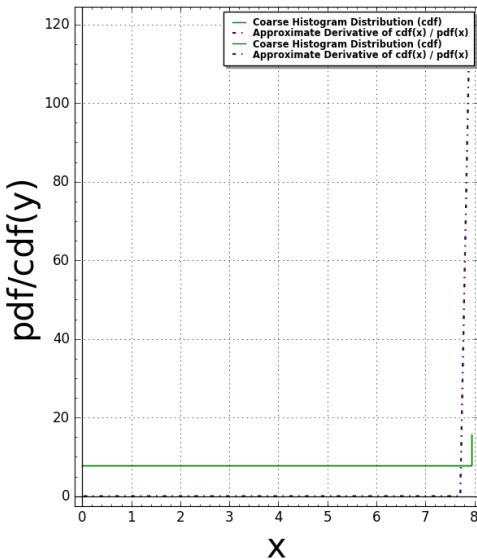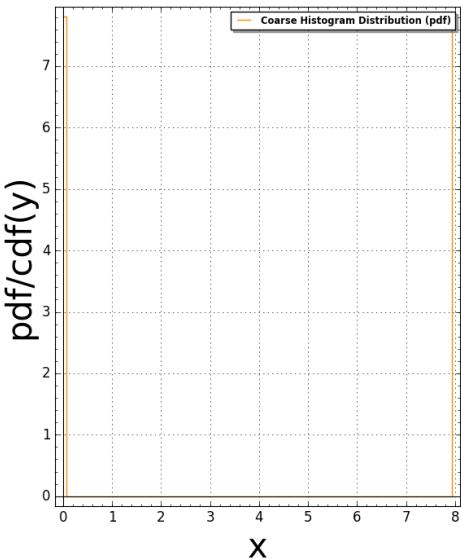
SDHouse(N:=4) Slopes:
#bins=125, #tiling points = 10
Time Taken: 8.03209 sec (0.133868 mins)

SDHouse(N:=4) Slopes:
#bins=125, #tiling points = 10
Time Taken: 8.03209 sec (0.133868 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)
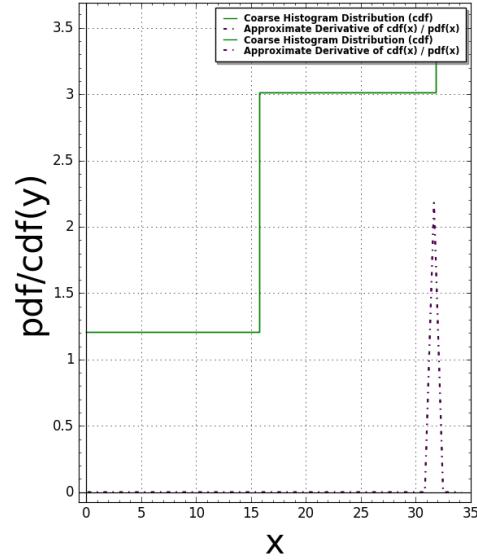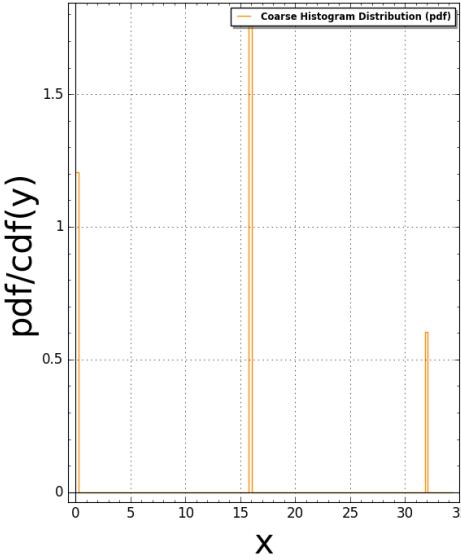
SDHouse(N:=5) Slopes:
#bins=125, #tiling points = 19
Time Taken: 5.90686 sec (0.0984477 mins)

SDHouse(N:=5) Slopes:
#bins=125, #tiling points = 19
Time Taken: 5.90686 sec (0.0984477 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)
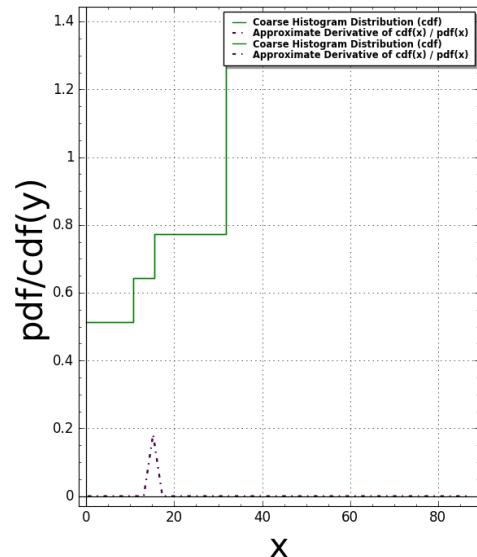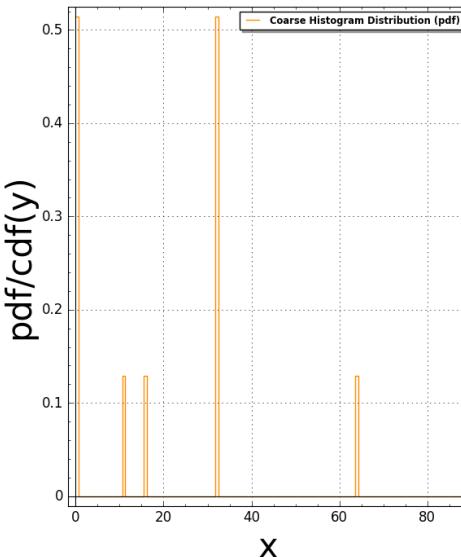
SDHouse(N:=6) Slopes:
#bins=125, #tiling points = 32
Time Taken: 6.1472 sec (0.102453 mins)
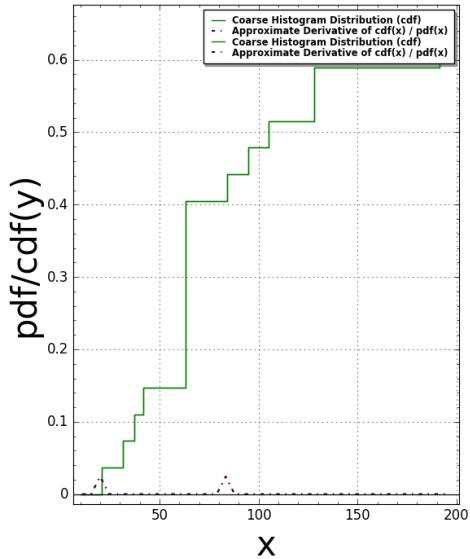
SDHouse(N:=7) Slopes:
#bins=125, #tiling points = 62
Time Taken: 6.84651 sec (0.114108 mins)
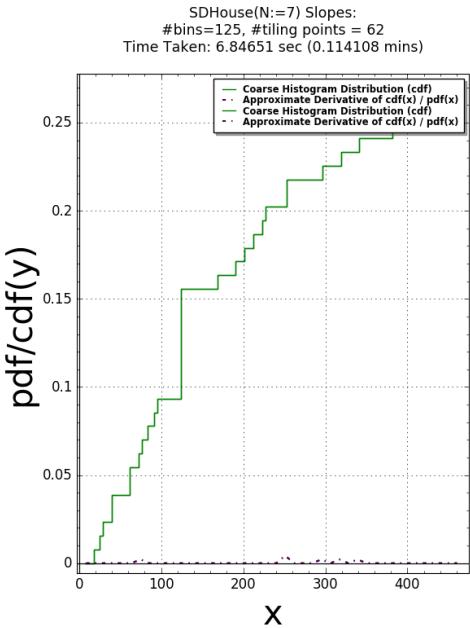
SDHouse(N:=8) Slopes:
#bins=125, #tiling points = 114
Time Taken: 7.28932 sec (0.121489 mins)
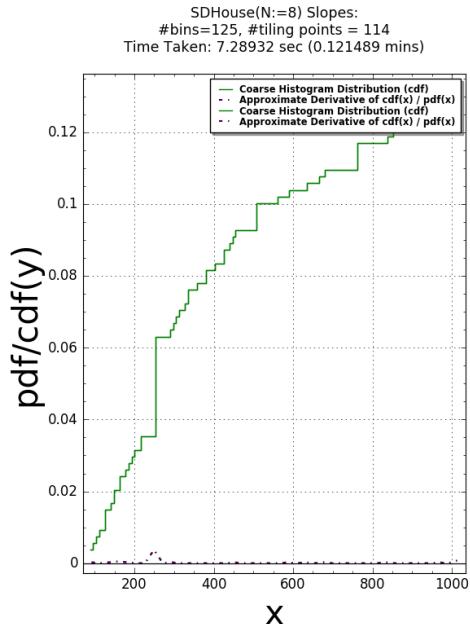
SDHouse(N:=9) Slopes:
#bins=125, #tiling points = 224
Time Taken: 7.99656 sec (0.133276 mins)
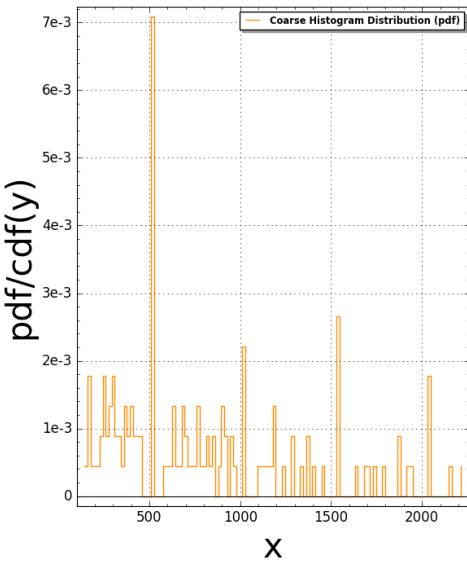
SDHouse(N:=9) Slopes:
#bins=125, #tiling points = 224
Time Taken: 7.99656 sec (0.133276 mins)
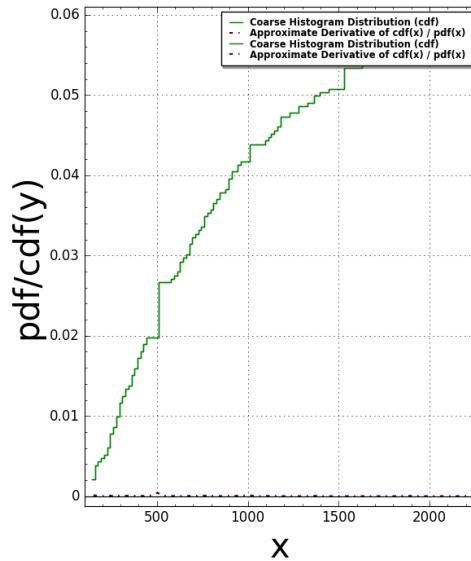
SDHouse(N:=10) Slopes:
#bins=125, #tiling points = 430
Time Taken: 9.35647 sec (0.155941 mins)
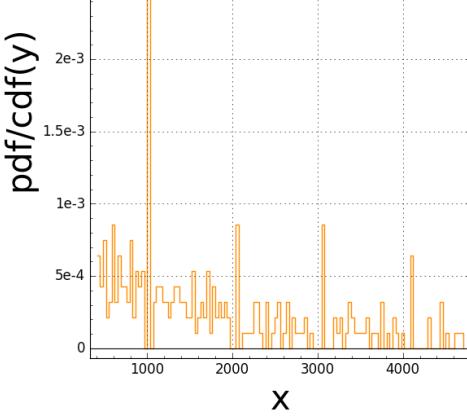
SDHouse(N:=10) Slopes:
#bins=125, #tiling points = 430
Time Taken: 9.35647 sec (0.155941 mins)
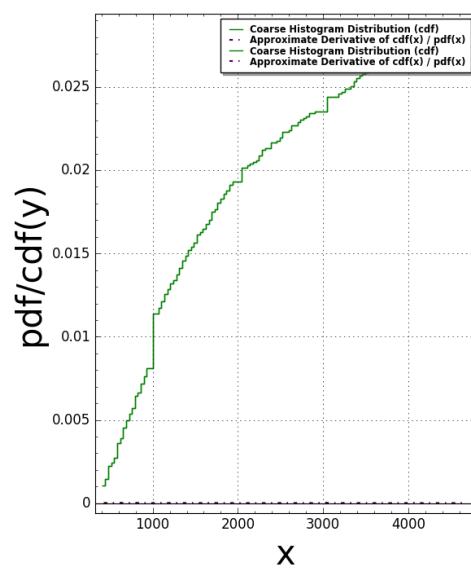
SDHouse(N:=1) Slopes:
#bins=150, #tiling points = 4
Time Taken: 6.92943 sec (0.115491 mins)
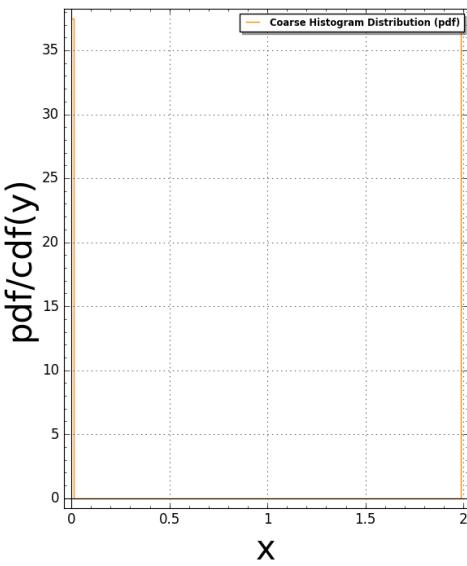
SDHouse(N:=1) Slopes:
#bins=150, #tiling points = 4
Time Taken: 6.92943 sec (0.115491 mins)
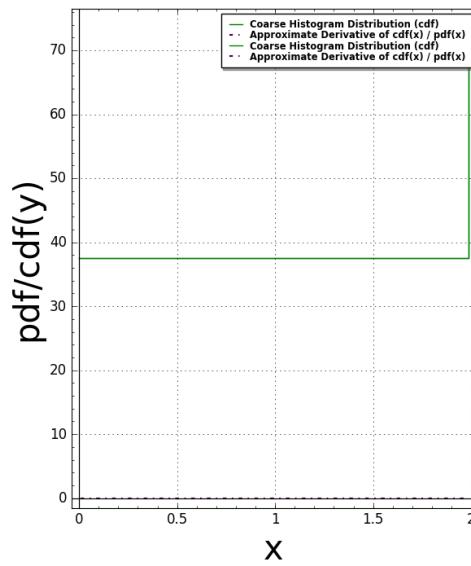
SDHouse(N:=2) Slopes:
#bins=150, #tiling points = 4
Time Taken: 7.13818 sec (0.11897 mins)
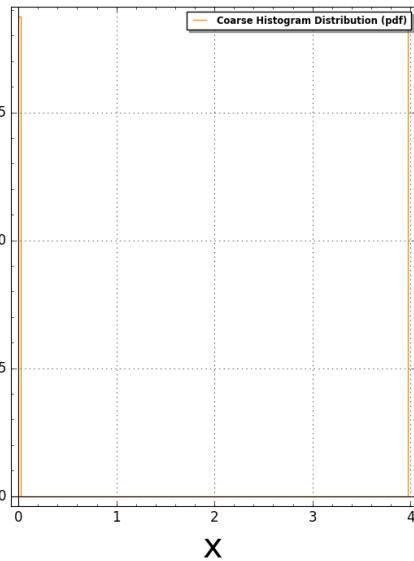
SDHouse(N:=2) Slopes:
#bins=150, #tiling points = 4
Time Taken: 7.13818 sec (0.11897 mins)
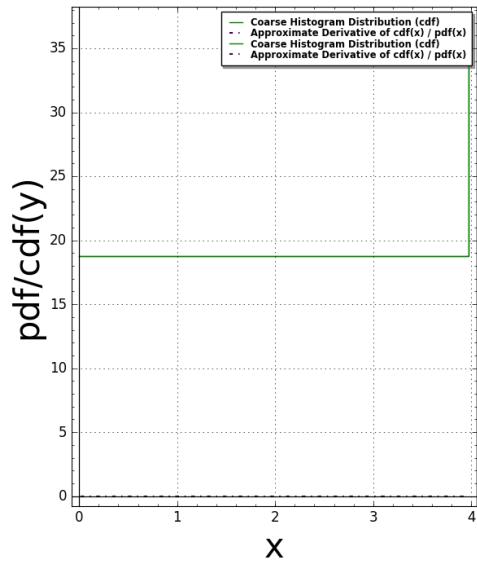
SDHouse(N:=3) Slopes:
#bins=150, #tiling points = 7
Time Taken: 8.47866 sec (0.141311 mins)
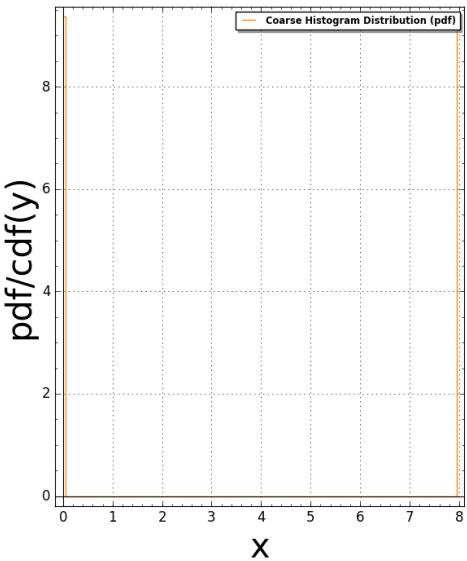
SDHouse(N:=3) Slopes:
#bins=150, #tiling points = 7
Time Taken: 8.47866 sec (0.141311 mins)
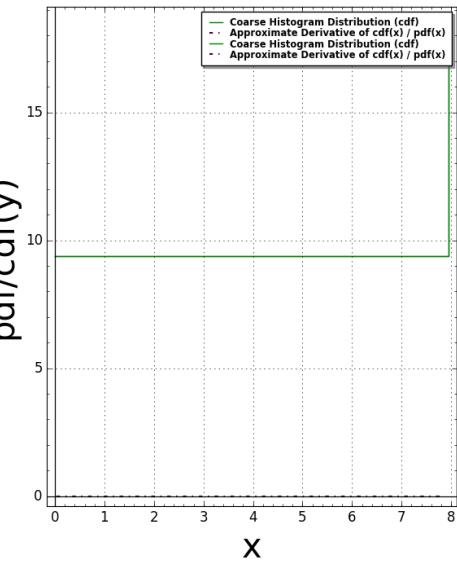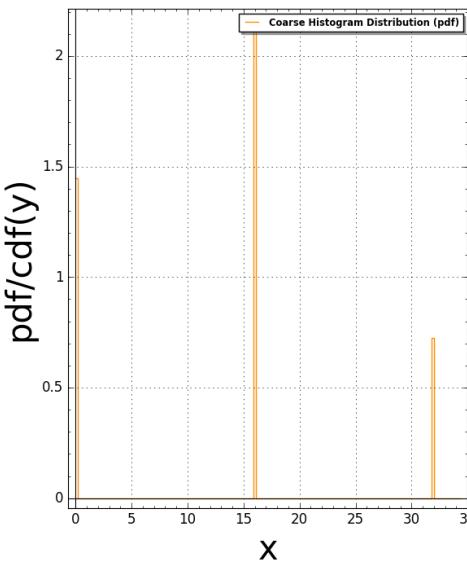
SDHouse(N:=4) Slopes:
#bins=150, #tiling points = 10
Time Taken: 8.99126 sec (0.149854 mins)

SDHouse(N:=4) Slopes:
#bins=150, #tiling points = 10
Time Taken: 8.99126 sec (0.149854 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)
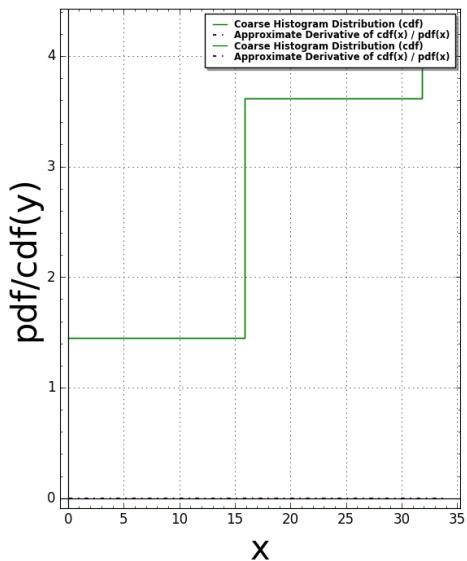
SDHouse(N:=5) Slopes:
#bins=150, #tiling points = 19
Time Taken: 6.87089 sec (0.114515 mins)
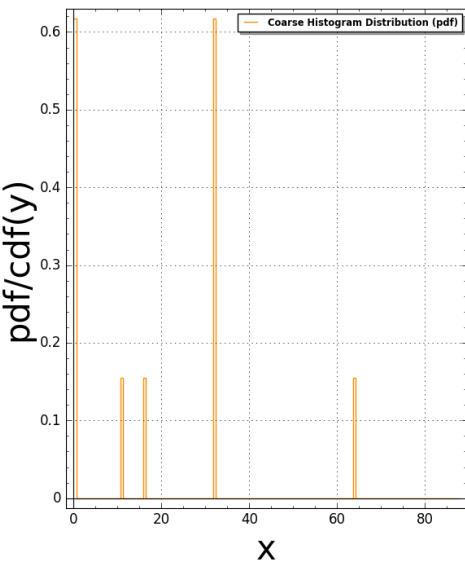
SDHouse(N:=5) Slopes:
#bins=150, #tiling points = 19
Time Taken: 6.87089 sec (0.114515 mins)
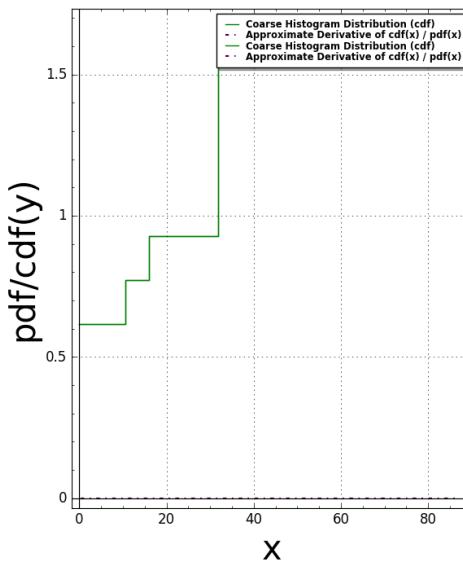
SDHouse(N:=6) Slopes:
#bins=150, #tiling points = 32
Time Taken: 6.70226 sec (0.111704 mins)
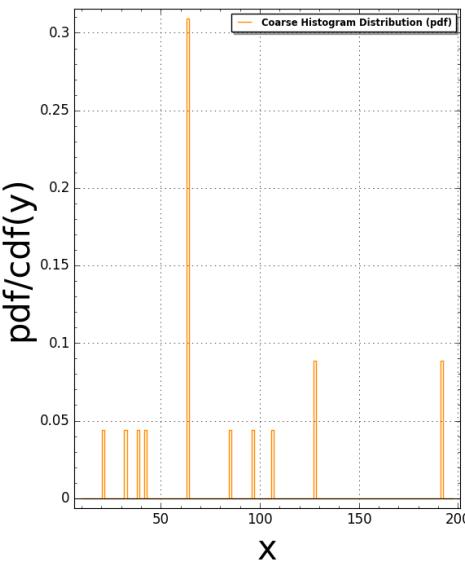
SDHouse(N:=6) Slopes:
#bins=150, #tiling points = 32
Time Taken: 6.70226 sec (0.111704 mins)
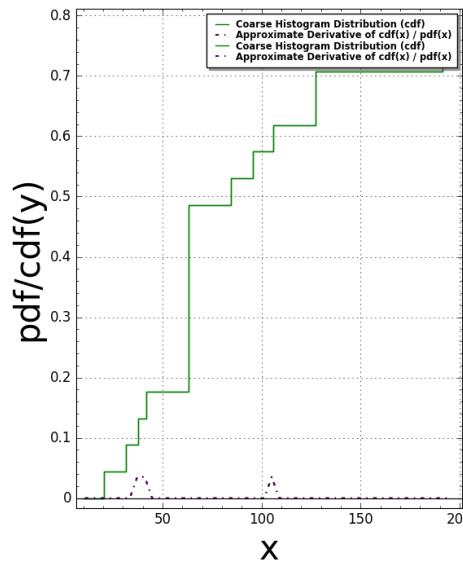
SDHouse(N:=7) Slopes:
#bins=150, #tiling points = 62
Time Taken: 7.84431 sec (0.130738 mins)
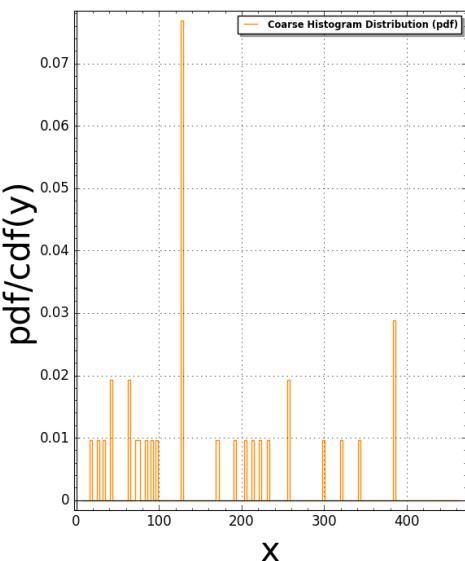
SDHouse(N:=7) Slopes:
#bins=150, #tiling points = 62
Time Taken: 7.84431 sec (0.130738 mins)
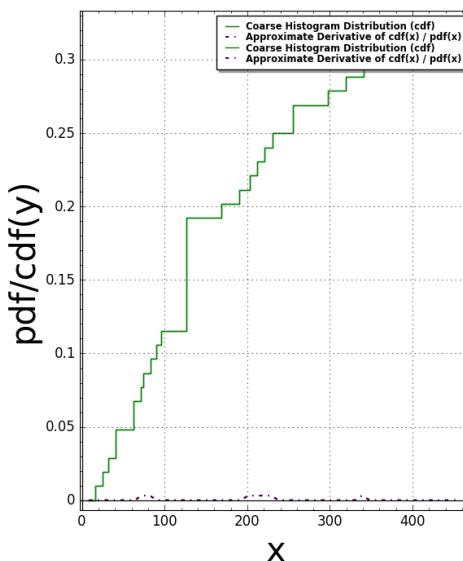
SDHouse(N:=8) Slopes:
#bins=150, #tiling points = 114
Time Taken: 8.31815 sec (0.138636 mins)
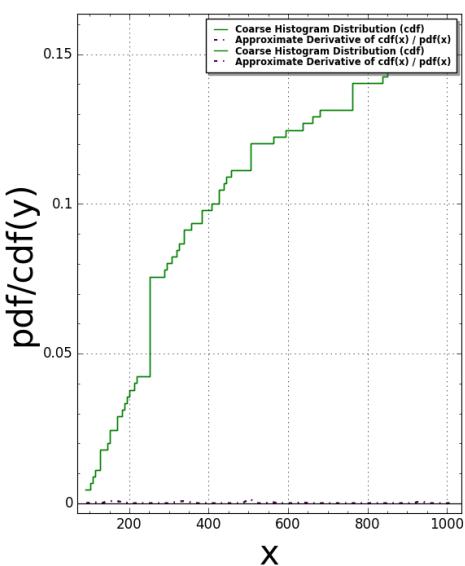
SDHouse(N:=9) Slopes:
#bins=150, #tiling points = 224
Time Taken: 8.92041 sec (0.148674 mins)
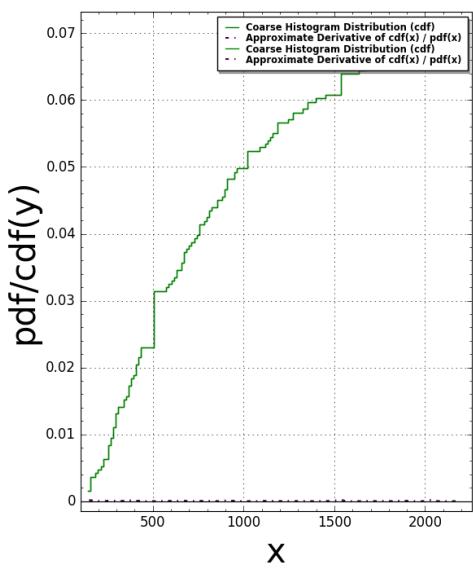
SDHouse(N:=10) Slopes:
#bins=150, #tiling points = 430
Time Taken: 9.95429 sec (0.165905 mins)
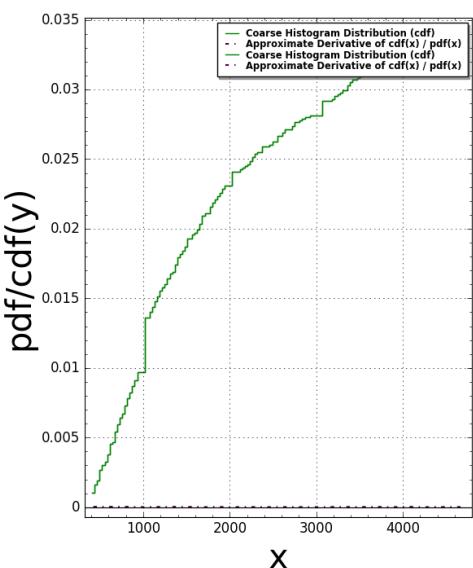
SDHouse(N:=1) Slopes:
#bins=350, #tiling points = 4
Time Taken: 8.75513 sec (0.145919 mins)
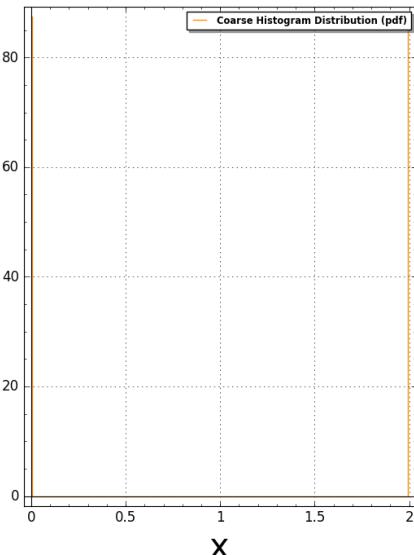
SDHouse(N:=1) Slopes:
#bins=350, #tiling points = 4
Time Taken: 8.75513 sec (0.145919 mins)
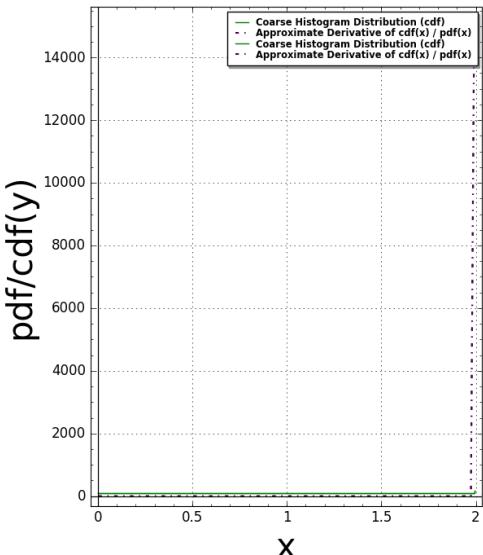
SDHouse(N:=2) Slopes:
#bins=350, #tiling points = 4
Time Taken: 9.20182 sec (0.153364 mins)
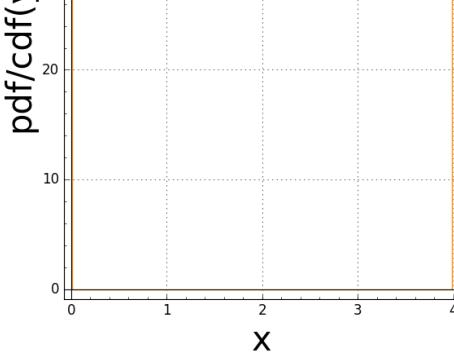
SDHouse(N:=2) Slopes:
#bins=350, #tiling points = 4
Time Taken: 9.20182 sec (0.153364 mins)
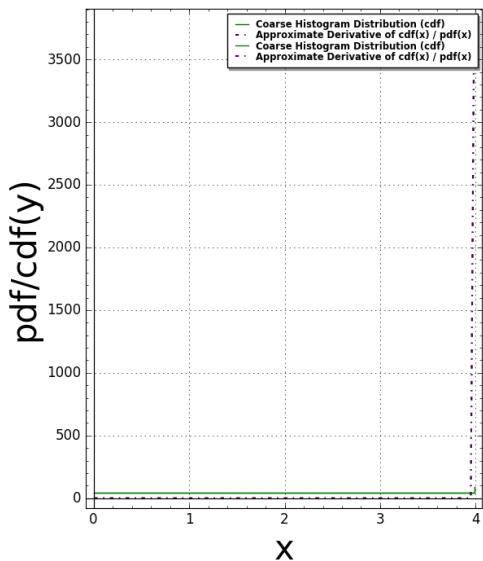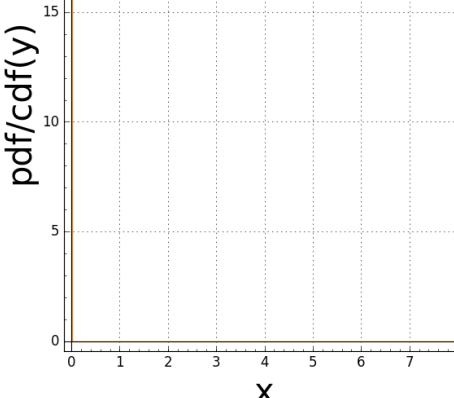
SDHouse(N:=3) Slopes:
#bins=350, #tiling points = 7
Time Taken: 11.0784 sec (0.18464 mins)

SDHouse(N:=3) Slopes:
#bins=350, #tiling points = 7
Time Taken: 11.0784 sec (0.18464 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)
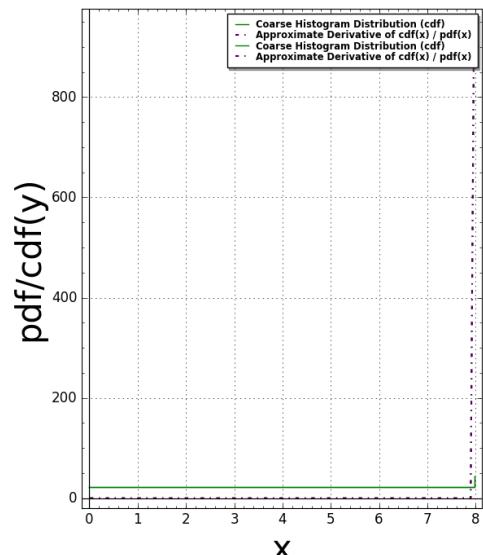
SDHouse(N:=4) Slopes:
#bins=350, #tiling points = 10
Time Taken: 13.5142 sec (0.225236 mins)
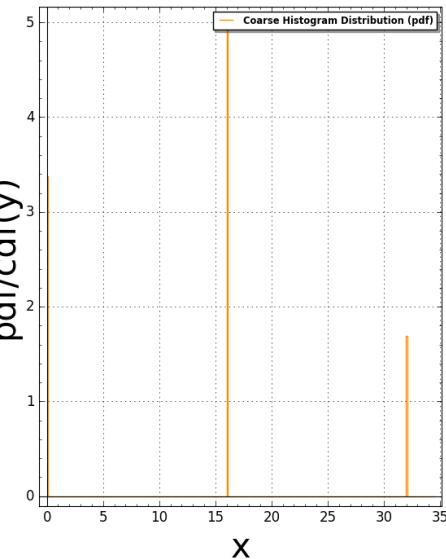
SDHouse(N:=4) Slopes:
#bins=350, #tiling points = 10
Time Taken: 13.5142 sec (0.225236 mins)
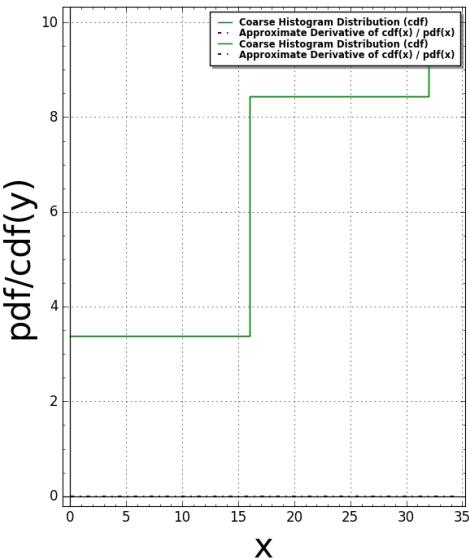
SDHouse(N:=5) Slopes:
#bins=350, #tiling points = 19
Time Taken: 9.02795 sec (0.150466 mins)
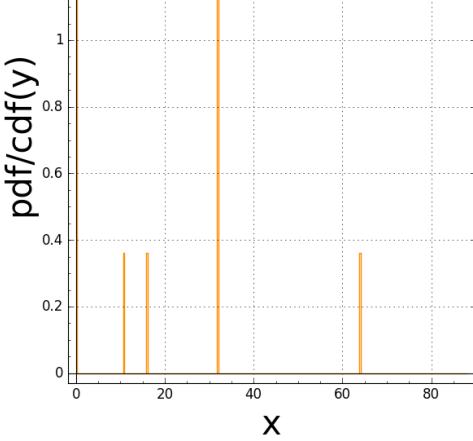
SDHouse(N:=5) Slopes:
#bins=350, #tiling points = 19
Time Taken: 9.02795 sec (0.150466 mins)
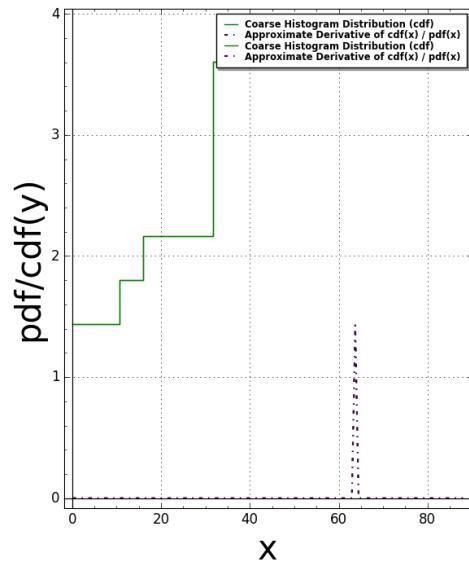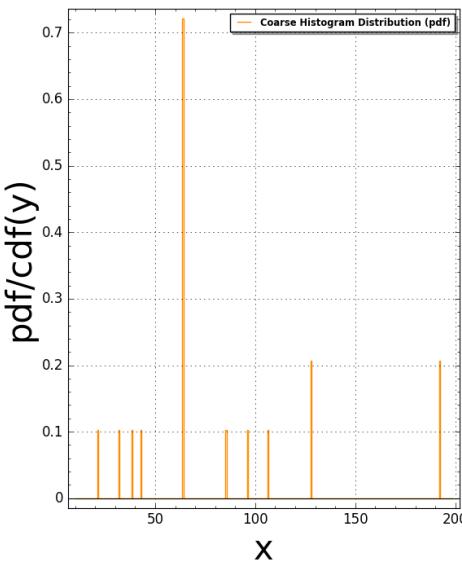
SDHouse(N:=6) Slopes:
#bins=350, #tiling points = 32
Time Taken: 8.5899 sec (0.143165 mins)

SDHouse(N:=6) Slopes:
#bins=350, #tiling points = 32
Time Taken: 8.5899 sec (0.143165 mins)

Coarse Histogram Distribution (pdf)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
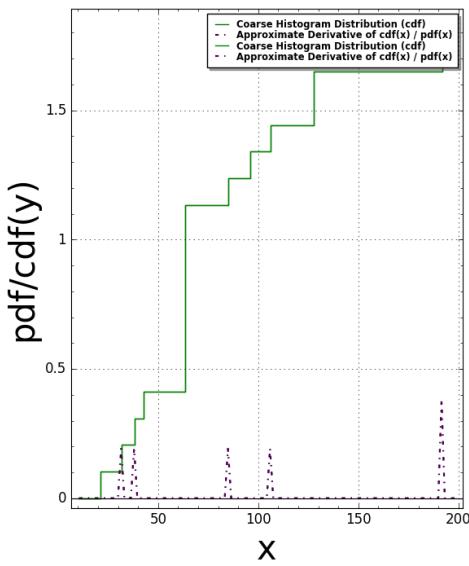
SDHouse(N:=7) Slopes:
#bins=350, #tiling points = 62
Time Taken: 9.72364 sec (0.162061 mins)
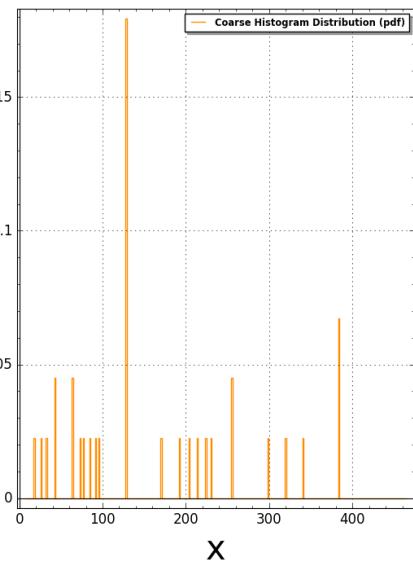
SDHouse(N:=7) Slopes:
#bins=350, #tiling points = 62
Time Taken: 9.72364 sec (0.162061 mins)
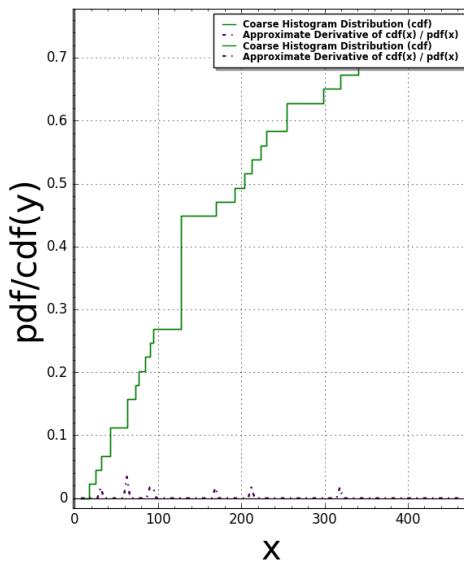
SDHouse(N:=8) Slopes:
#bins=350, #tiling points = 114
Time Taken: 10.5665 sec (0.176108 mins)
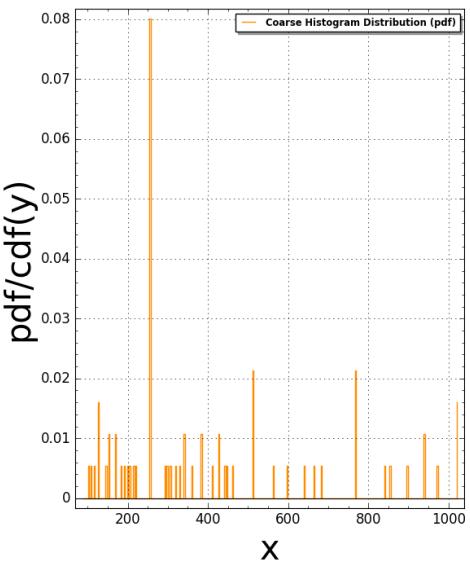
SDHouse(N:=8) Slopes:
#bins=350, #tiling points = 114
Time Taken: 10.5665 sec (0.176108 mins)
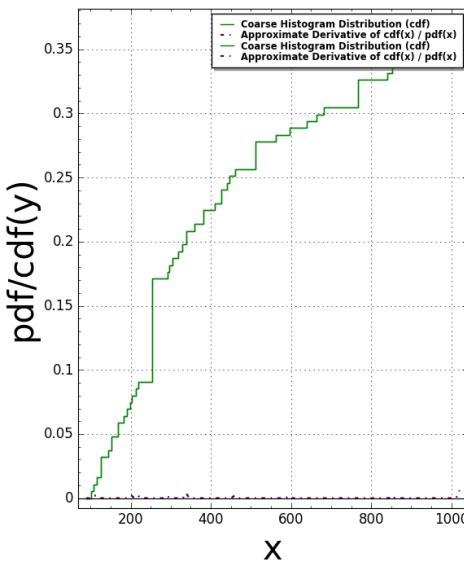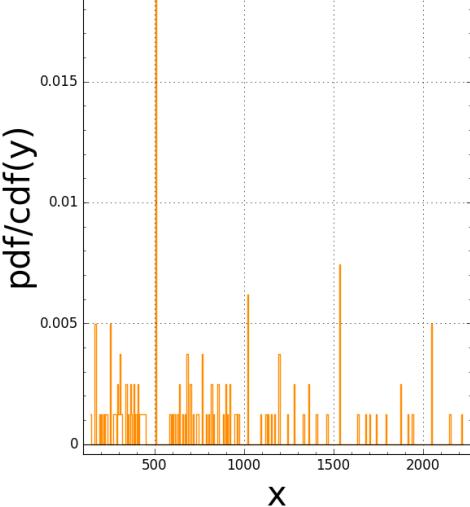
SDHouse(N:=9) Slopes:
#bins=350, #tiling points = 224
Time Taken: 10.9229 sec (0.182049 mins)

SDHouse(N:=9) Slopes:
#bins=350, #tiling points = 224
Time Taken: 10.9229 sec (0.182049 mins)

Coarse Histogram Distribution (pdf)
Coarse Histogram Distribution (cdf)
Approximate Derivative of cdf(x) / pdf(x)
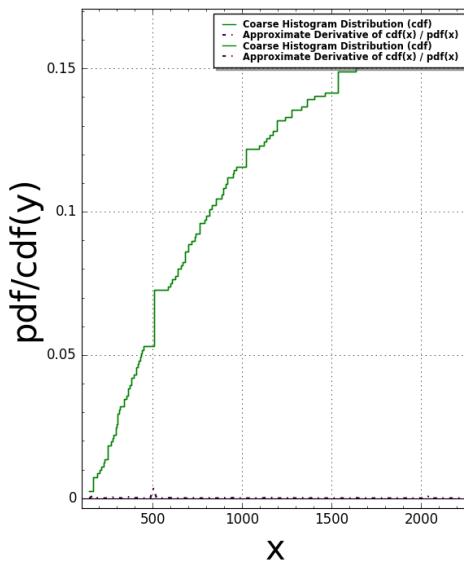
SDHouse(N:=10) Slopes:
#bins=350, #tiling points = 430
Time Taken: 12.3751 sec (0.206251 mins)

SDHouse(N:=10) Slopes:
#bins=350, #tiling points = 430
Time Taken: 12.3751 sec (0.206251 mins)