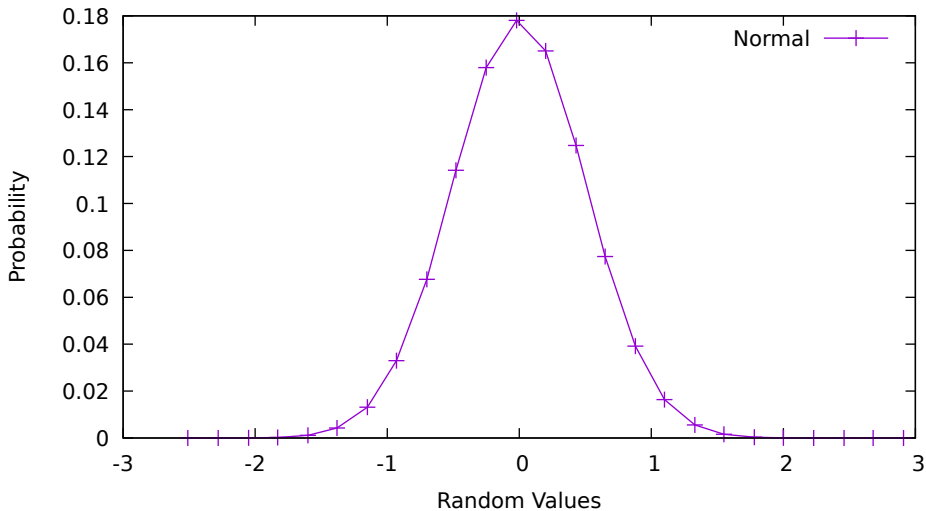
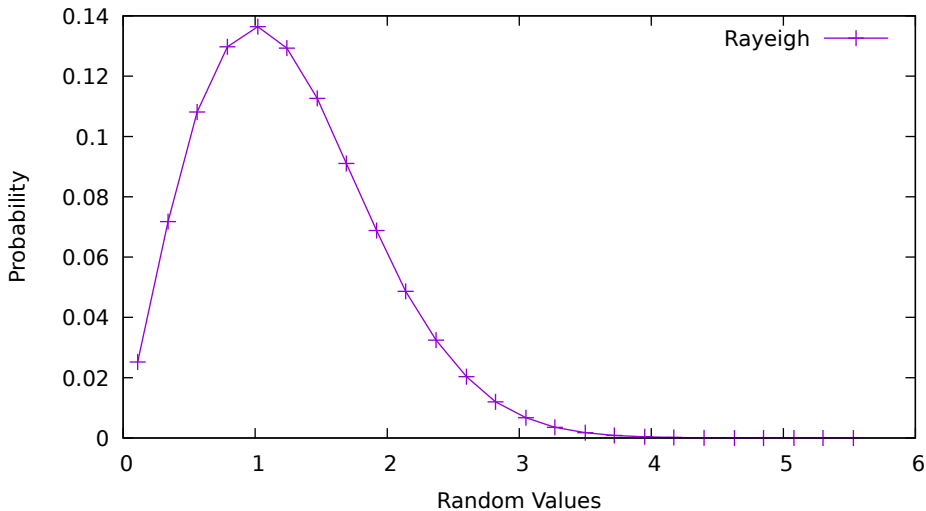


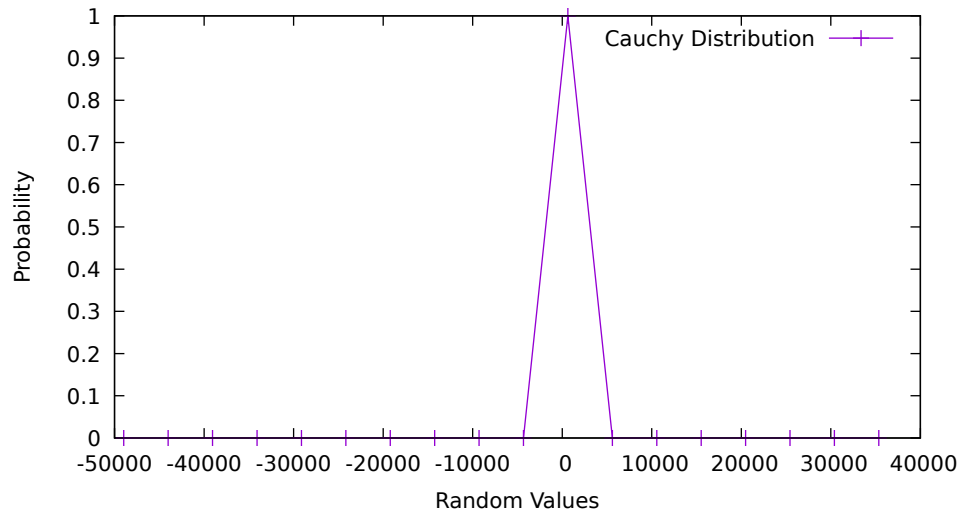
Normal Distribution



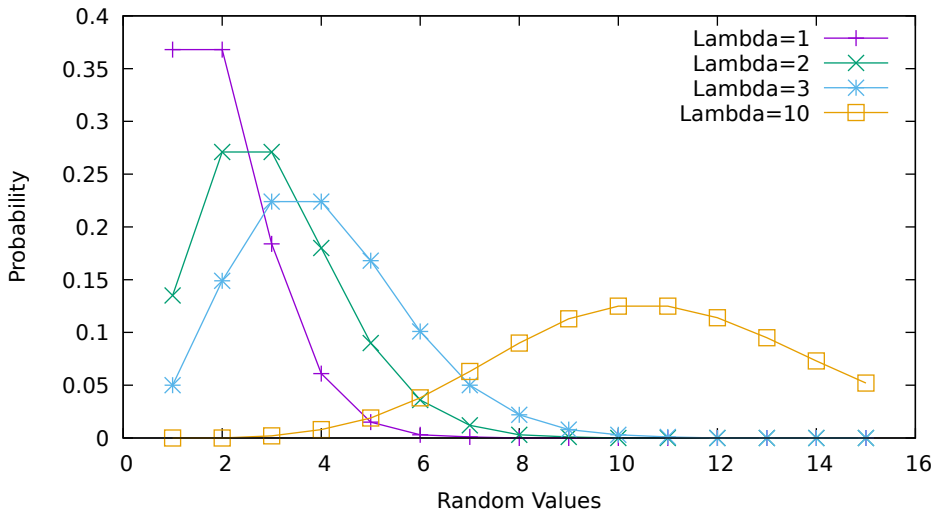
Rayleigh Distribution



Cauchy Distribution



Poissonian Distribution



```

#####
# dieharder version 3.31.1 Copyright 2003 Robert G. Brown #
#####
rng_name |rands/second| Seed |
mt19937| 1.02e+08 |2361241869|
#####
test_name |ntup| tsamples |psamples| p-value |Assessment
#####
diehard_birthdays| 0| 100| 2100|0.46057900| PASSED
diehard_operm5| 0| 1000000| 2100|0.61067440| PASSED
diehard_rank_32x32| 0| 40000| 2100|0.95816597| PASSED
diehard_rank_6x8| 0| 100000| 2100|0.88639360| PASSED
diehard_bitstream| 0| 2097152| 2100|0.76632566| PASSED
diehard_opso| 0| 2097152| 2100|0.04840719| PASSED
diehard_oqso| 0| 2097152| 2100|0.12581724| PASSED
diehard_dna| 0| 2097152| 2100|0.00018084| WEAK
diehard_count_1s_str| 0| 256000| 2100|0.88996421| PASSED
diehard_count_1s_byt| 0| 256000| 2100|0.46194098| PASSED
diehard_parking_lot| 0| 12000| 2100|0.18371093| PASSED
diehard_2dsphere| 2| 8000| 2100|0.28689942| PASSED
diehard_3dsphere| 3| 4000| 2100|0.58022231| PASSED
diehard_squeeze| 0| 100000| 2100|0.02761558| PASSED
diehard_sums| 0| 100| 2100|0.00000000| FAILED
diehard_runs| 0| 100000| 2100|0.13149672| PASSED
diehard_runs| 0| 100000| 2100|0.00669302| PASSED
diehard_craps| 0| 200000| 2100|0.81134484| PASSED
diehard_craps| 0| 200000| 2100|0.34313067| PASSED

```