Catanzaro-Juan-Estadistica-Leiva-examen-.R
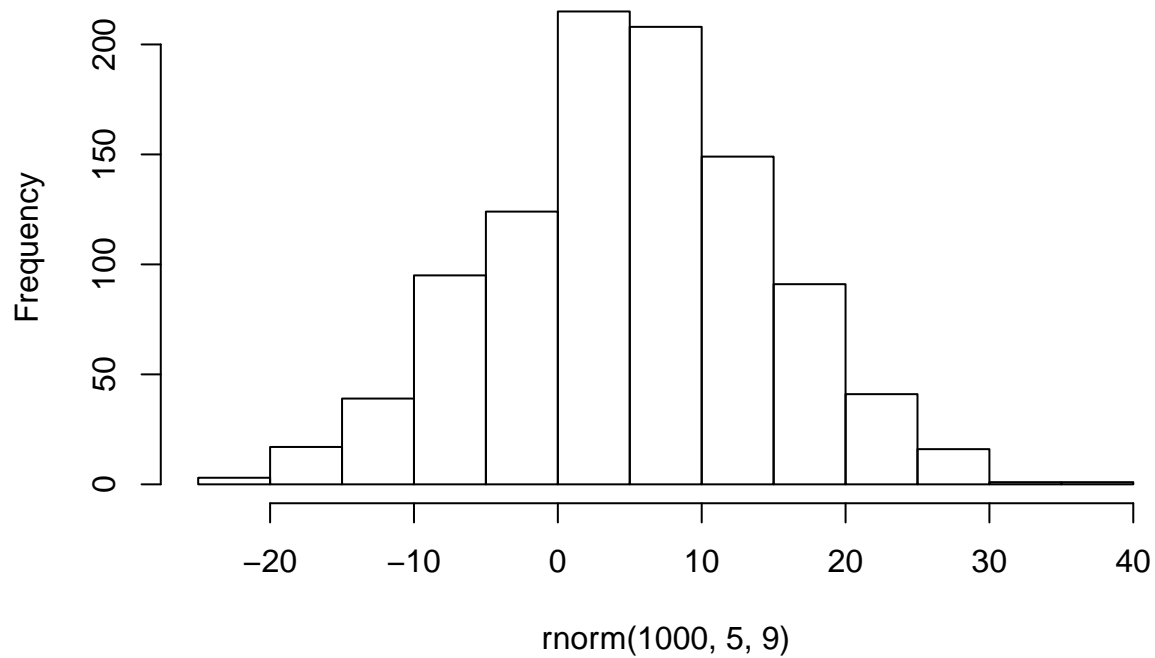
rstudio-user

2019-12-30

```r
N<-1000

pNorm <- rnorm(1000)
hist(rnorm(1000,5,9))
```
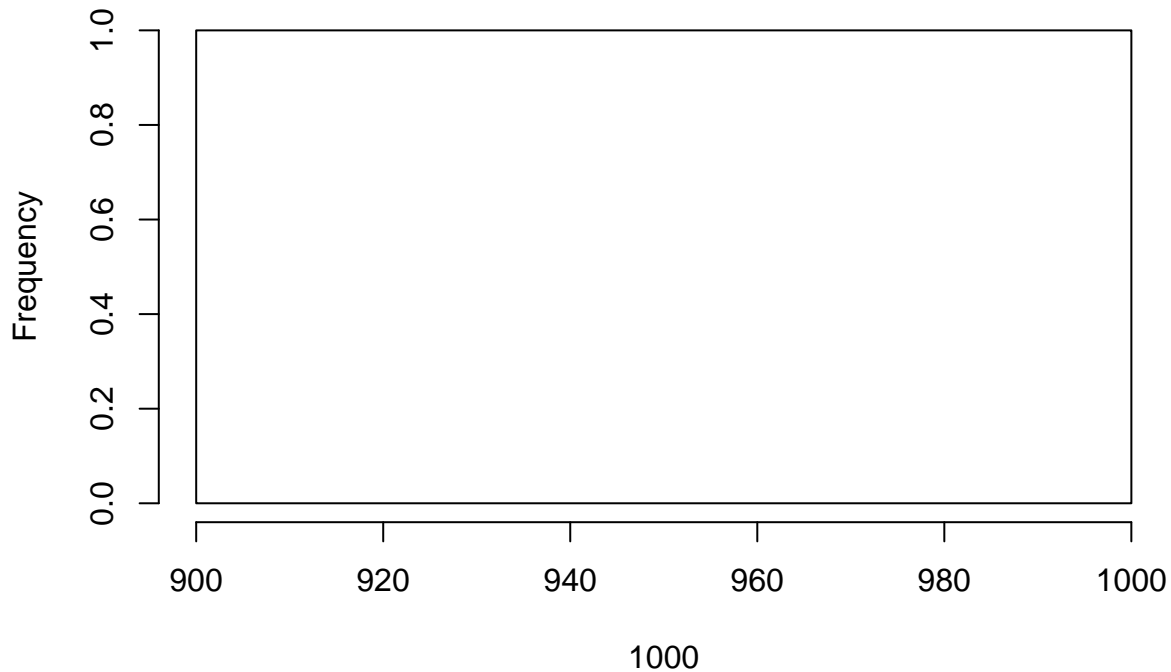
Histogram of rnorm(1000, 5, 9)


```r
pNorm <- rnorm(1000)
hist(1000,50,10)
```

Histogram of 1000

```r
rexp(500, rate =1)
```

```
##    [1] 0.014401838 1.679413041 0.318140176 1.317257727 0.133967010 0.845214849
##    [7] 0.487393747 0.910483111 1.352882743 1.456096670 0.029010987 1.703680243
##   [13] 0.698558049 0.827395506 1.011158126 2.174254781 0.030552431 0.606250680
##   [19] 4.139095655 0.427443269 0.267700798 0.309389335 0.335623864 1.464454220
##   [25] 0.984856607 0.668398329 0.185878036 1.516120618 1.048791823 4.043430885
##   [31] 0.109963985 2.333655688 0.046756251 0.892599202 0.578628746 0.412478604
##   [37] 0.636455053 1.870555986 2.217279794 0.081420067 0.353751387 0.969195585
##   [43] 0.181332319 1.169998051 0.118730417 1.354624991 0.978673213 0.389564298
##   [49] 0.123140748 0.137874417 0.139547588 2.448616227 0.467791617 1.269088116
##   [55] 1.274958081 0.632212800 0.626051208 0.314489204 0.313709339 1.018747101
##   [61] 2.517580104 3.270371429 0.544459431 0.049205111 0.558451825 0.009760394
##   [67] 0.386083896 1.230486978 0.035170542 0.405649168 1.410052833 0.832782166
##   [73] 2.830523282 1.282534489 1.746182049 0.453384510 0.025886679 1.017870003
##   [79] 1.264972920 2.706664415 0.168092749 1.449462645 1.674350370 0.042607163
##   [85] 0.316368781 0.414544825 0.327204432 0.218767808 0.308461447 0.051953426
##   [91] 0.421442643 1.036859510 1.258216030 1.681940370 1.665694885 0.556163336
##   [97] 1.130166314 0.070663214 0.544825958 2.558841845 0.812077012 1.096163691
##  [103] 0.099990423 0.198445189 1.461423660 0.297951737 1.320778667 0.085333447
##  [109] 0.013399371 0.359408821 0.278854534 0.199136112 3.586621358 1.919727273
##  [115] 1.577715306 2.276773955 1.120221702 0.371846268 0.903384260 0.873128492
##  [121] 0.926861636 0.907059230 2.550113520 0.954195391 0.616590886 2.074638013
##  [127] 0.053910351 0.379583898 0.404260735 1.097956104 1.805958318 2.585338248
##  [133] 0.766178321 0.102545721 0.454867186 0.211789238 0.945389786 0.137184189
##  [139] 0.274205707 0.401032274 0.423620942 0.822892478 0.376765981 1.802302128
##  [145] 0.216361667 2.056033172 2.351490624 1.458661040 1.732550200 0.598708512
##  [151] 0.739230466 0.953974172 0.525400124 1.314952224 0.790326554 0.773812097
##  [157] 1.056835123 0.330545744 2.349339753 0.404271763 0.283432766 0.453422746
##  [163] 0.509553351 0.572058774 3.730934476 0.313252904 0.369420118 0.915919668
```

```
## [169] 0.581475093 2.537219779 1.347873564 0.152864714 2.338219235 0.306522252
## [175] 1.377908244 0.127114398 1.461063080 1.151916172 0.757544030 4.313142348
## [181] 1.548360768 0.491062948 0.589458842 2.906169556 2.473277133 1.926712790
## [187] 0.330979392 1.844124990 0.095991446 2.431438908 0.553234882 0.542623468
## [193] 1.264641975 0.190571700 0.078984483 3.264855690 0.696361580 0.373664321
## [199] 0.653367667 0.314638129 0.150633445 0.057958457 0.214605461 4.274845570
## [205] 0.997167200 3.605925342 0.347760729 0.708234650 0.189935706 0.030940236
## [211] 1.549829177 2.165307799 1.576869745 0.049818087 0.424901592 2.078831127
## [217] 0.414249105 0.685716347 0.234532237 0.026225123 0.528504837 0.074875401
## [223] 0.450593809 0.284323488 0.036400071 0.366354618 0.443774282 0.155477604
## [229] 2.158455504 1.481483993 1.252773759 0.625859798 0.566235908 2.044290498
## [235] 0.048549747 0.261165189 1.750111119 1.425720194 0.559340221 2.133536655
## [241] 1.415857969 0.151448696 0.280738077 3.622368457 4.306221414 2.429045157
## [247] 0.656765709 1.813158050 0.864313254 1.218192258 0.172598273 0.492166387
## [253] 1.235337659 3.154108122 0.949362148 0.451134348 0.460110746 0.208065690
## [259] 0.719256449 1.884089008 0.597312573 0.722061493 0.140844468 0.366995101
## [265] 0.439129709 0.652913417 0.152785069 0.412174082 0.559009043 2.072584951
## [271] 0.023702504 1.815833490 2.348747337 0.399495790 0.123050311 0.638244850
## [277] 1.640031254 0.957546877 0.064730073 0.488459319 0.130906328 0.202575640
## [283] 2.513813214 1.058343828 0.153994049 0.675022499 0.593461746 2.114441622
## [289] 1.699871674 0.410750262 0.481452376 1.329743437 0.766818418 1.224030283
## [295] 1.316612844 2.025336547 2.342249734 1.885315273 0.708689042 0.680630286
## [301] 1.819546277 1.770966013 0.047475533 0.280663341 0.361275081 0.051014017
## [307] 0.284010425 1.685839087 0.638786424 0.290306798 0.585389528 0.345424617
## [313] 0.823943297 0.726064496 1.622744880 0.890090858 0.509600787 0.708834672
## [319] 3.187206574 3.779596986 0.455414238 0.070032183 0.646876992 0.214106161
## [325] 1.593233403 2.764304077 1.001094252 0.225460300 1.188913493 1.149808967
## [331] 0.361410893 0.624916081 0.439507334 0.939478921 1.257246531 0.065477594
## [337] 0.737020344 0.765908535 2.010398157 1.437809335 1.398811775 0.548349915
## [343] 0.854786052 1.622278653 0.142602057 0.442062292 0.479815166 3.026198685
## [349] 2.781088434 0.210695378 1.339854825 0.589252525 0.843340904 0.828195441
## [355] 0.127619696 2.264319575 2.223548883 0.237461347 3.524300036 1.672943912
## [361] 0.128163717 2.154845023 1.699639603 0.624022814 0.660889390 1.366425152
## [367] 5.450162159 1.214323483 0.024879176 0.116487706 1.275237354 1.589703588
## [373] 0.492015467 1.125930033 0.241027689 2.154400943 2.151882316 0.603580205
## [379] 1.110400629 0.260736733 0.343371309 1.201210606 1.274370975 0.509212602
## [385] 0.410268290 0.964724169 0.977680951 0.102068327 1.408169035 1.930218303
## [391] 0.175485743 0.824885953 0.971780284 0.241302982 0.080023444 1.186857976
## [397] 2.972875692 0.287421119 1.313066653 0.476211593 3.298031375 0.127311675
## [403] 0.224506298 1.851791104 0.402844892 3.468688156 7.327553253 2.674512965
## [409] 1.352611927 0.336133078 0.177423626 0.449615555 0.147397005 1.779819164
## [415] 5.376249002 0.667629721 2.286466176 0.588288306 0.038056419 1.351621666
## [421] 0.323593549 0.549517090 1.948812826 0.492420894 0.238340011 0.810550150
## [427] 1.603641305 1.113447558 0.030828039 0.421813632 0.435424028 0.836982190
## [433] 2.396487864 0.220385304 1.073746232 2.221613297 2.825076167 0.553671481
## [439] 1.082758888 0.089320375 0.202469818 0.063834209 0.958672202 1.444924256
## [445] 2.590987047 0.210495006 2.256315805 0.208192114 0.964248244 0.417354856
## [451] 0.148891644 1.586295845 0.024530384 2.139284009 1.010718907 0.065558972
## [457] 0.095518947 0.192222975 0.881117974 0.952320816 0.802765616 3.289201863
## [463] 0.142703084 0.252518466 0.070385216 0.340016363 0.536940774 4.183726657
## [469] 0.278222931 0.865271999 0.189384723 0.770378703 0.242997235 0.686155863
## [475] 0.961869422 0.140730272 2.287022551 1.166497789 0.187757834 0.191617632
## [481] 0.136663267 0.719551776 0.144805894 0.078829322 0.300786206 2.250659289
## [487] 0.089741571 1.458389235 1.936410734 1.370858422 0.072962147 1.498214203
```

```
## [493] 3.066337228 0.026052966 0.887950632 0.200181961 1.013842423 0.358451301
## [499] 1.128756048 0.033881712
```