

SmithLab_Taylor_2016-12-31 Sample Statistical Analysis Quality Metrics

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Analysis Sample Sheet

Sample Sheet

Sample1

Sample2

Sample3

Sample4

Sample5

Session Information

	SampleID	Control	genome
1	Sample1	Sample2	mm10
2	Sample2		mm10
3	Sample3	Sample4	mm10
4	Sample4		mm10
5	Sample5		mm10

Sample Sheet

Sample1

Stats

distribution_histogram.pdf

random_distribution.pdf

Sample2

Sample3

Sample4

Sample5

Session Information

Sample1

Some sample stats

```
[1] -4.00 -3.99 -3.98 -3.97 -3.96 -3.95
```

```
[1] 0.0001338302 0.0001392850 0.0001449476 0.0001508253 0.0001569256
```

```
[6] 0.0001632564
```

```
[1] 3.167124e-05 3.303665e-05 3.445763e-05 3.593632e-05 3.747488e-05
```

```
[6] 3.907560e-05
```

```
[1] 1.2582925 0.6447519 0.4633460 0.7703058 -0.2263347 -0.3515479
```

distribution_histogram.pdf

/ifs/home/kellys04/AutoReportLite/analysis.pipeline/Sample1/Sample1.distribution_histogram.pdf

Sample Sheet

Sample1

Stats

distribution_histogram.pdf

random_distribution.pdf

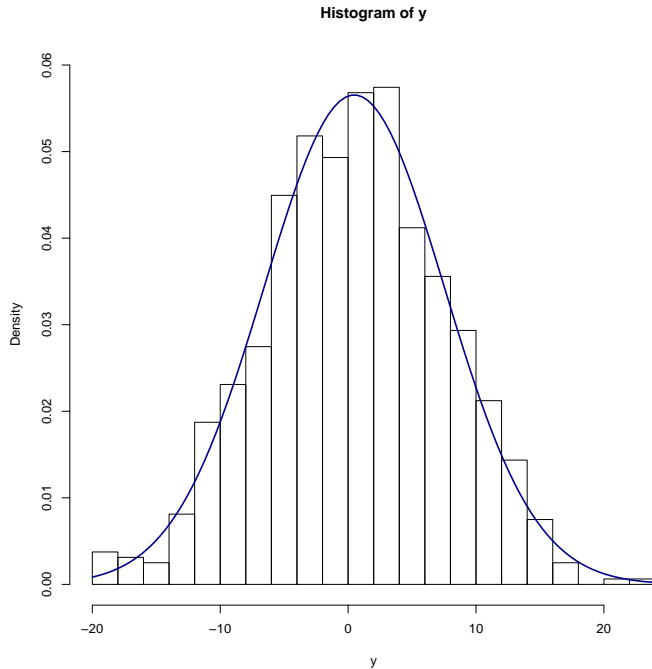
Sample2

Sample3

Sample4

Sample5

Session Information



Sample Sheet

Sample1

Stats

distribution_histogram.pdf

random_distribution.pdf

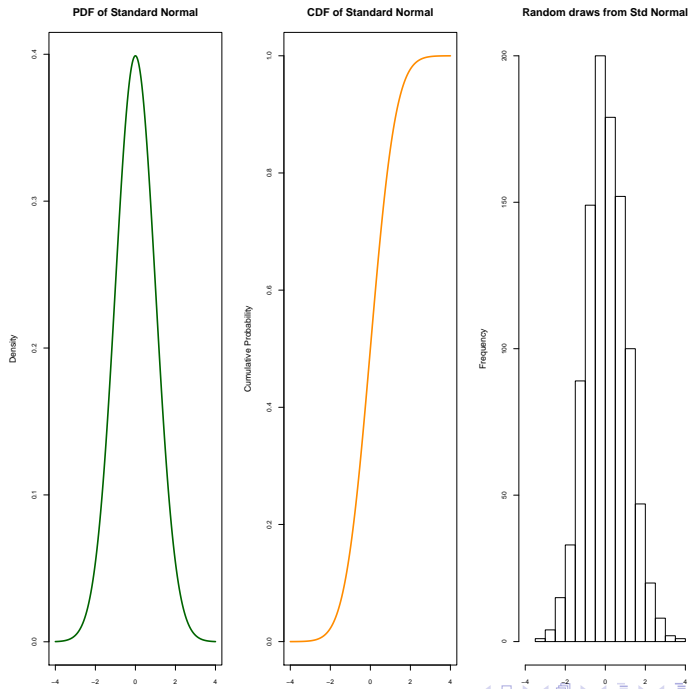
Sample2

Sample3

Sample4

Sample5

Session Information



Sample Sheet

Sample1

Sample2

Stats

distribution_histogram.pdf

random_distribution.pdf

Sample3

Sample4

Sample5

Session Information

Sample2

Some sample stats

```
[1] -4.00 -3.99 -3.98 -3.97 -3.96 -3.95
```

```
[1] 0.0001338302 0.0001392850 0.0001449476 0.0001508253 0.0001569256
```

```
[6] 0.0001632564
```

```
[1] 3.167124e-05 3.303665e-05 3.445763e-05 3.593632e-05 3.747488e-05
```

```
[6] 3.907560e-05
```

```
[1] 1.2582925 0.6447519 0.4633460 0.7703058 -0.2263347 -0.3515479
```

distribution_histogram.pdf

/ifs/home/kellys04/AutoReportLite/analysis.pipeline/Sample2/Sample2.distribution_histogram.pdf

Sample Sheet

Sample1

Sample2

Stats

distribution_histogram.pdf

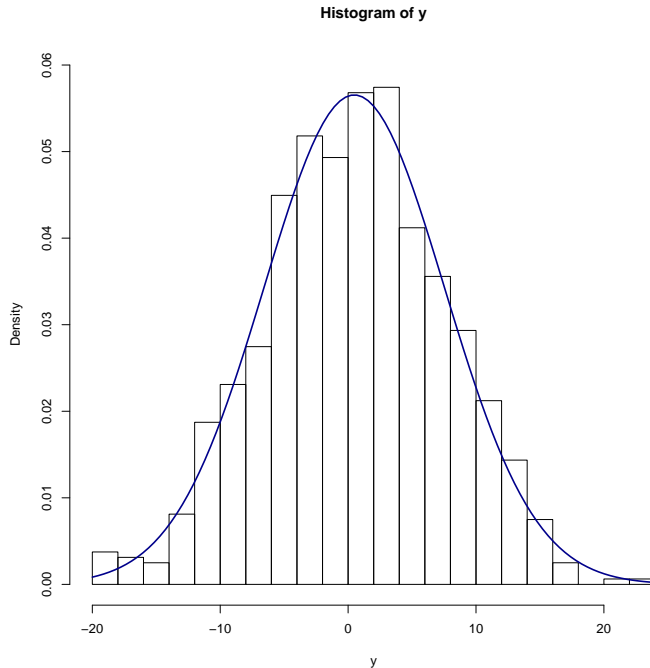
random_distribution.pdf

Sample3

Sample4

Sample5

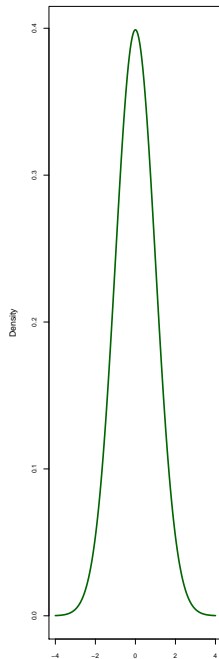
Session Information



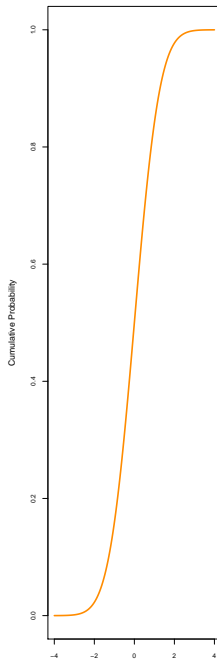
random_distribution.pdf

/ifs/home/kellys04/AutoReportLite/analysis.pipeline/Sample2/Sample2.random_distribution.pdf

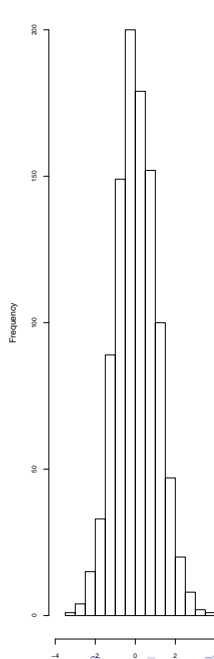
PDF of Standard Normal



CDF of Standard Normal



Random draws from Std Normal



Sample Sheet

Sample1

Sample2

Sample3

Stats

distribution_histogram.pdf

random_distribution.pdf

Sample4

Sample5

Session Information

Sample3

Some sample stats

```
[1] -4.00 -3.99 -3.98 -3.97 -3.96 -3.95
```

```
[1] 0.0001338302 0.0001392850 0.0001449476 0.0001508253 0.0001569256
```

```
[6] 0.0001632564
```

```
[1] 3.167124e-05 3.303665e-05 3.445763e-05 3.593632e-05 3.747488e-05
```

```
[6] 3.907560e-05
```

```
[1] 1.2582925 0.6447519 0.4633460 0.7703058 -0.2263347 -0.3515479
```

Sample Sheet

Sample1

Sample2

Sample3

Stats

distribution_histogram.pdf

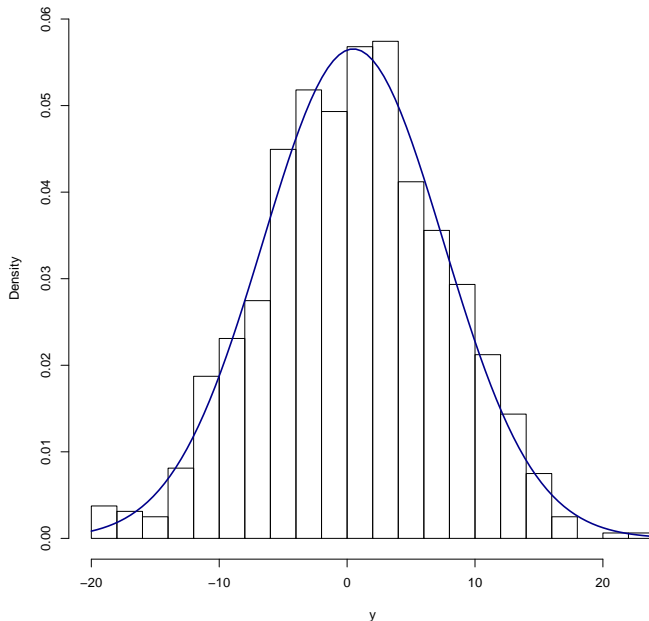
random.distribution.pdf

Sample4

Sample5

Session Information

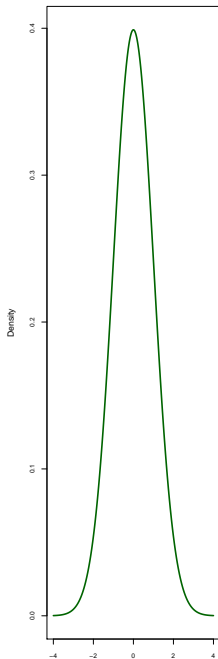
Histogram of y



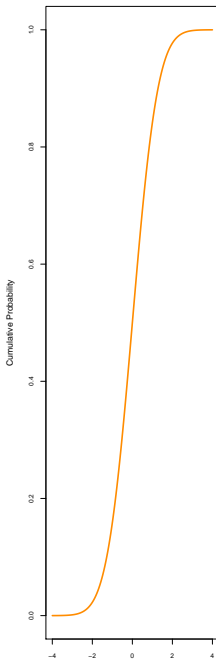
random_distribution.pdf

/ifs/home/kellys04/AutoReportLite/analysis.pipeline/Sample3/Sample3.random_distribution.pdf

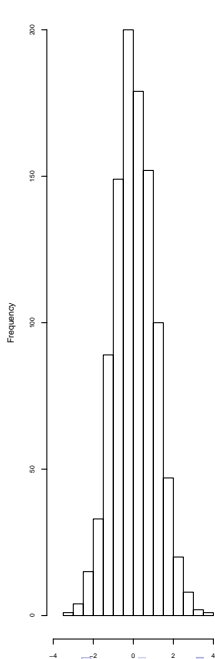
PDF of Standard Normal



CDF of Standard Normal



Random draws from Std Normal



Sample Sheet

Sample1

Sample2

Sample3

Stats

distribution_histogram.pdf

random_distribution.pdf

Sample4

Sample5

Session Information

Sample Sheet

Sample1

Sample2

Sample3

Sample4

Stats

distribution_histogram.pdf

random_distribution.pdf

Sample5

Session Information

Sample4

Some sample stats

```
[1] -4.00 -3.99 -3.98 -3.97 -3.96 -3.95
```

```
[1] 0.0001338302 0.0001392850 0.0001449476 0.0001508253 0.0001569256
```

```
[6] 0.0001632564
```

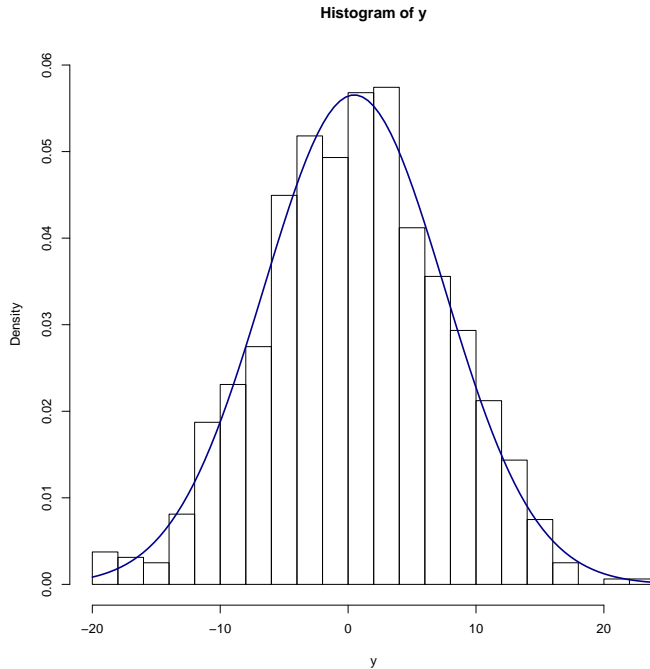
```
[1] 3.167124e-05 3.303665e-05 3.445763e-05 3.593632e-05 3.747488e-05
```

```
[6] 3.907560e-05
```

```
[1] 1.2582925 0.6447519 0.4633460 0.7703058 -0.2263347 -0.3515479
```

distribution_histogram.pdf

/ifs/home/kellys04/AutoReportLite/analysis.pipeline/Sample4/Sample4.distribution_histogram.pdf

[Sample Sheet](#)[Sample1](#)[Sample2](#)[Sample3](#)[Sample4](#)[Stats](#)[distribution_histogram.pdf](#)[random_distribution.pdf](#)[Sample5](#)[Session Information](#)

Sample Sheet

Sample1

Sample2

Sample3

Sample4

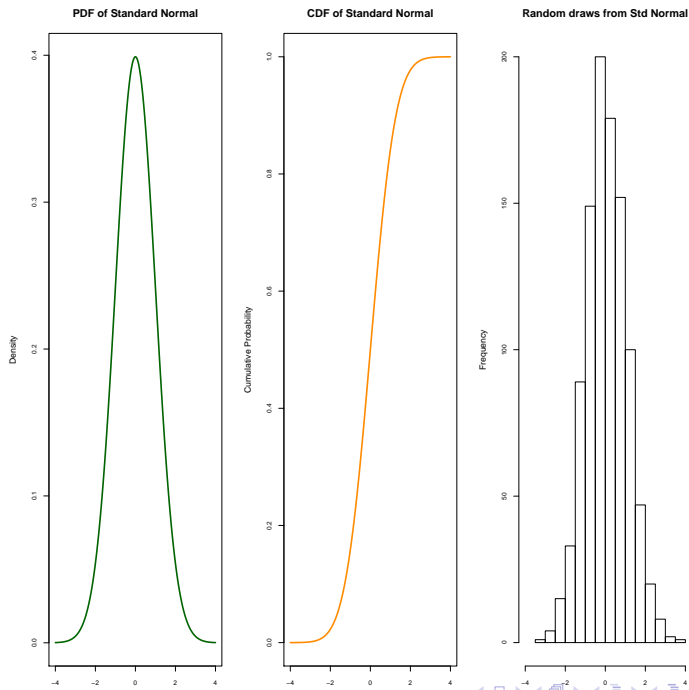
Stats

distribution_histogram.pdf

random_distribution.pdf

Sample5

Session Information



Sample Sheet

Sample1

Sample2

Sample3

Sample4

Sample5

Stats

distribution_histogram.pdf

random_distribution.pdf

Session Information

Sample5

Some sample stats

```
[1] -4.00 -3.99 -3.98 -3.97 -3.96 -3.95
```

```
[1] 0.0001338302 0.0001392850 0.0001449476 0.0001508253 0.0001569256
```

```
[6] 0.0001632564
```

```
[1] 3.167124e-05 3.303665e-05 3.445763e-05 3.593632e-05 3.747488e-05
```

```
[6] 3.907560e-05
```

```
[1] 1.2582925 0.6447519 0.4633460 0.7703058 -0.2263347 -0.3515479
```

distribution_histogram.pdf

/ifs/home/kellys04/AutoReportLite/analysis.pipeline/Sample5/Sample5.distribution_histogram.pdf

Sample Sheet

Sample1

Sample2

Sample3

Sample4

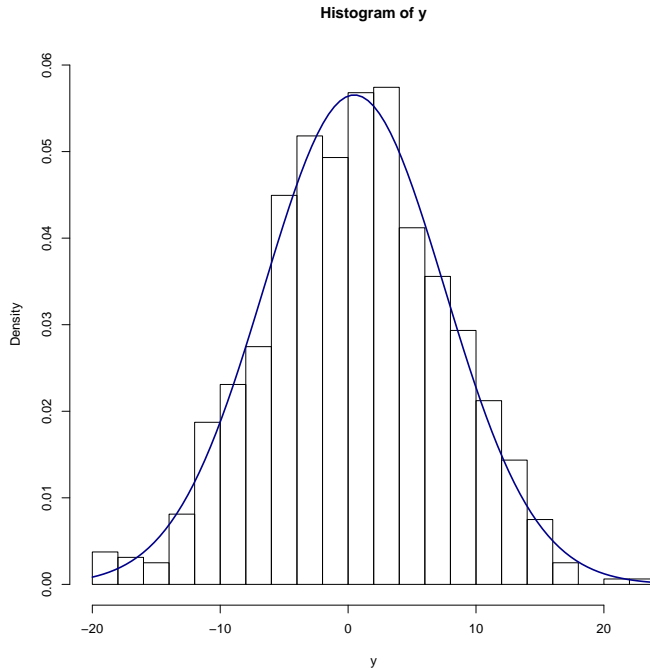
Sample5

Stats

distribution_histogram.pdf

random_distribution.pdf

Session Information



random_distribution.pdf

/ifs/home/kellys04/AutoReportLite/analysis.pipeline/Sample5/Sample5.random_distribution.pdf

Sample Sheet

Sample1

Sample2

Sample3

Sample4

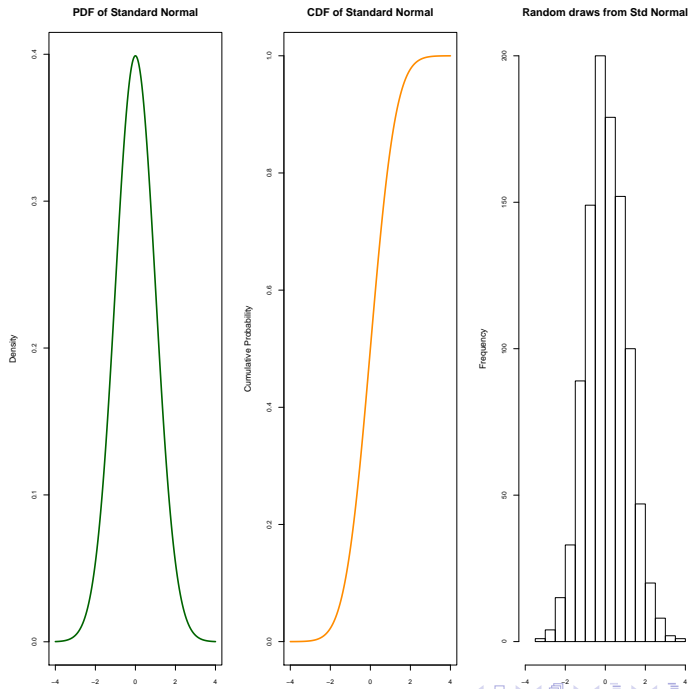
Sample5

Stats

distribution_histogram.pdf

random_distribution.pdf

Session Information



This report was prepared using the AutoReportLite template, available at
<https://github.com/stevekm/AutoReportLite>

```
system('uname -srv',intern=T)

## [1] "Linux 2.6.32-573.18.1.el6.x86_64 #1 SMP Tue Feb 9 22:46:17 UTC 2016"

sessionInfo()

## R version 3.2.3 (2015-12-10)
## Platform: x86_64-redhat-linux-gnu (64-bit)
## Running under: CentOS release 6.7 (Final)
##
## locale:
##  [1] LC_CTYPE=en_US.UTF-8      LC_NUMERIC=C
##  [3] LC_TIME=en_US.UTF-8      LC_COLLATE=en_US.UTF-8
##  [5] LC_MONETARY=en_US.UTF-8  LC_MESSAGES=en_US.UTF-8
##  [7] LC_PAPER=en_US.UTF-8     LC_NAME=C
##  [9] LC_ADDRESS=C             LC_TELEPHONE=C
## [11] LC_MEASUREMENT=en_US.UTF-8 LC_IDENTIFICATION=C
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods   base
##
## other attached packages:
## [1] xtable_1.8-2      Hmisc_3.17-1      ggplot2_2.0.0     Formula_1.2-1
## [5] survival_2.39-2   lattice_0.20-33   knitr_1.12.3
##
## loaded via a namespace (and not attached):
##  [1] Rcpp_0.12.3      cluster_2.0.4     magrittr_1.5
##  [4] splines_3.2.3    munsell_0.4.2     colorspace_1.2-6
##  [7] stringr_1.0.0    highr_0.5.1       plyr_1.8.3
## [10] tools_3.2.3      nnet_7.3-12       grid_3.2.3
## [13] gtable_0.1.2     latticeExtra_0.6-26 Matrix_1.2-5
## [16] gridExtra_2.0.0  RColorBrewer_1.1-2 formatR_1.3
## [19] acepack_1.3-3.3  rpart_4.1-10      evaluate_0.8.3
## [22] stringi_1.0-1    scales_0.3.0      foreign_0.8-66

save.image(compress = TRUE)
```