A Title for Skeleton Template: rnw2pdf-guide-knit

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Abstract

This is an abstract. Please include a terse, yet descriptive statement here of less than 200 words. It should avoid colloquialisms and polysyllabic profundities.

Contents

1 Introduction

Do put your title & name in the top block.

The code chunks above this, and the one in the final section, are important. Don't change them unless you know what you are doing.

Don't change margins, geometry, or hyperlink options with Lyx pull down menus or the document won't compile. Edit preamble for that.

2 Check our instructions manuals

1. Brief instruction sheet in same folder as this skeleton: "rnw2pdf-guide-knitr"

2. The vignettes in the crmda package.

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Watson Library, Suite 470
Lawrence, KS 66045-7594

Web: https://crmda.ku.edu
Email: crmda@ku.edu
Phone: 785-864-3353

3 Write Sections & Subsections

Please do use sections and focused subsections to help readers find what they want.

4 R Code Chunks Work

When using knitr, we have not succeeded in customizing the display of input or output cells. What you see is what they insist on, at least until we figure how to change it.

```r
x <- rnorm(100)
head(x)
```

```
[1]  0.5855288  0.7094660 -0.1093033 -0.4534972  0.6058875 -1.8179560
```

```r
mean(x)
```

```
[1] 0.2451972
```

5 Session Info

Please leave this section for guide documents. It is important for replication.

```
R version 3.4.3 (2017-11-30)
Platform: x86_64-pc-linux-gnu (64-bit)
Running under: Ubuntu 17.10

Matrix products: default
BLAS: /usr/lib/x86_64-linux-gnu/blas/libblas.so.3.7.1
LAPACK: /usr/lib/x86_64-linux-gnu/lapack/liblapack.so.3.7.1

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  base

other attached packages:
[1] knitr_1.19 crmda_0.55
```

```
loaded via a namespace (and not attached):
 [1] Rcpp_0.12.15      quadprog_1.5-5      rprojroot_1.3-2
 [4] digest_0.6.15     plyr_1.8.4          backports_1.1.2
 [7] xtable_1.8-2      magrittr_1.5        stats4_3.4.3
[10] evaluate_0.10.1   highr_0.6           stringi_1.1.6
[13] pbivnorm_0.6.0    openxlsx_4.0.17     rmarkdown_1.8
[16] tools_3.4.3       stringr_1.2.0       foreign_0.8-69
[19] kutils_1.34       compiler_3.4.3      mnormt_1.5-5
[22] htmltools_0.3.6   lavaan_0.5-23.1097 methods_3.4.3
```