

# FRAMEWORK step 2:

Fill in the sections as follows:

```
1 \documentclass{article}
2 % TeX control statements go here;
3 % I have some statements here used for the reproducibility appendix
4
5 \begin{document}
6
7 % text for the document goes here. Mostly, can write normally. Other options:
8 %   a). To use TeX symbols, can use Libreoffice or Word to construct
9 %       the text and then export to LaTeX, then cut-and-paste to here.
10 %      Equations are possible via graphics generated by libreoffice,
11 %      but they tend to be hard and can be fuzzy exc. at appropriate resolution
12 %   b). Can copy from another document, like the model I will use here.
13 %   c). Can use 'LyX' and export to format "Rnw (knitr)" directly. Fairly easy
14 %       to learn.
15
16 Here is how to insert R-code:
17 <<R-code-segment-1>>=
18 require(knitr)
19 ## R code goes here, producing output variables like V1, V2
20 RR <- rnorm(100)
21 V1 <- mean(RR)
22 V2 <- sd (RR)
23 @
24
25 You can then reference the results like this: V1=\Sexpr{V1} and V2=\Sexpr{V2}. If you
26 want to limit the number of significant digits, you can use 'round' like this: V1
27 =\Sexpr{round(V1,4)} and V2=\Sexpr{round(V2, 4)}.
28
29 \end{document}
```