Achieving reproducibility

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A data sharing plan

- 1. The raw data.
- 2. A tidy data set
- 3. A code book describing each variable and its values in the tidy data set.
- 4. An explicit and exact recipe you used to go from 1 -> 2,3

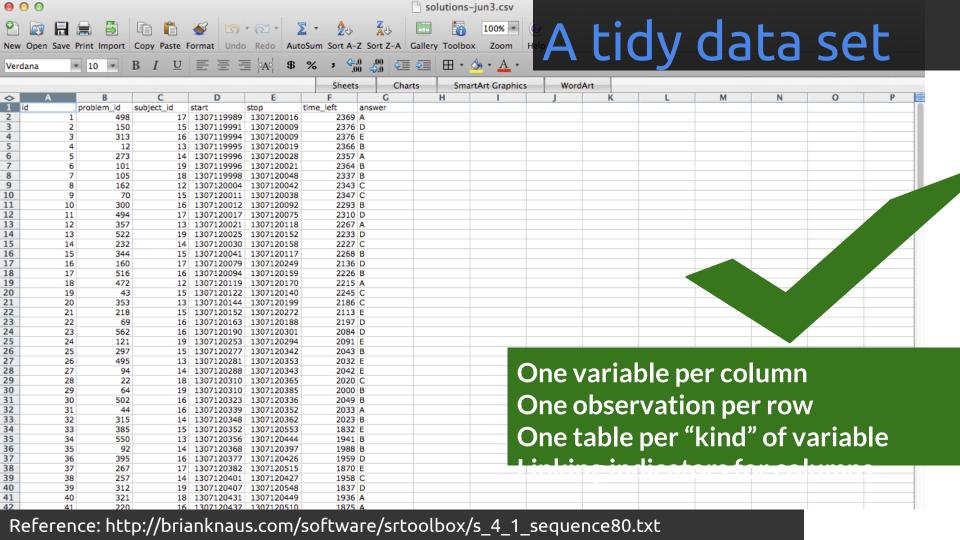
Raw data

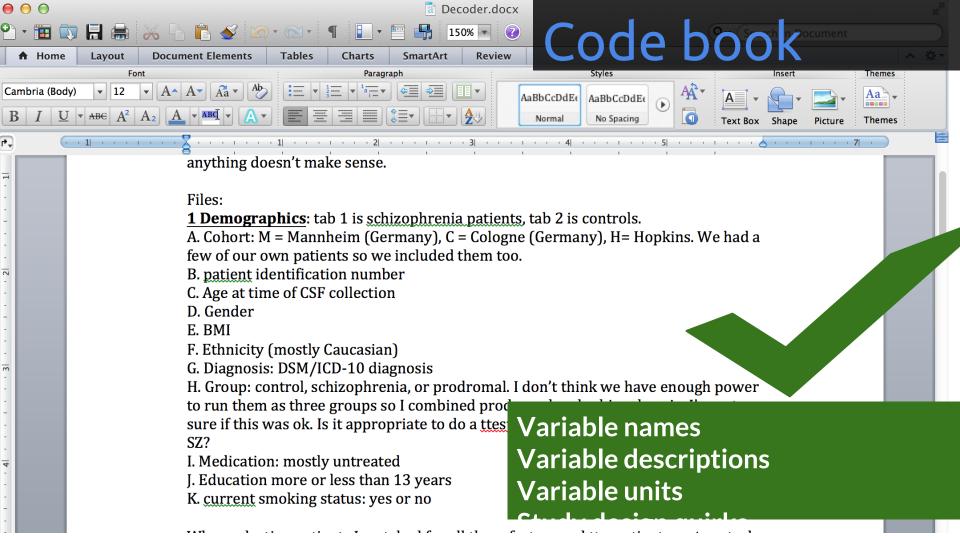
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+HWI-EAS121:4:100:1783:550#0/1
aaaaa b aa aa YaX]aZ aZM Z]YRa]YSG[[ZREQLHESDHNDDHNMEEDDMPENITKFLFEEDDDHEJQMEDDD
@HWI-EAS121:4:100:1783:1611#0/1
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+HWI-EAS121:4:100:1783:1611#0/1
@HWI-EAS121:4:100:1783:322#0/1
CGTTTATGTTTTTGAATATGTCTTATCTTAACGGTTATATTTTAGATGTTGGTCTTATTCTAACGGTC
+HWI-EAS121:4:100:1783:322#0/1
bbaV
@HWI-EAS121:4:100:1783:1394#0/1
+HWI-EAS121:4:100:1783:1394#0/1
```[aa\b^^[]aabbb][`a abbb`a``bbbbbabaabaaaab VZa ^ bab X`[a\HV [ ] [^
@HWI-EAS121:4:100:1783:207#0/1
+HWI-EAS121:4:100:1783:207#0/1
```

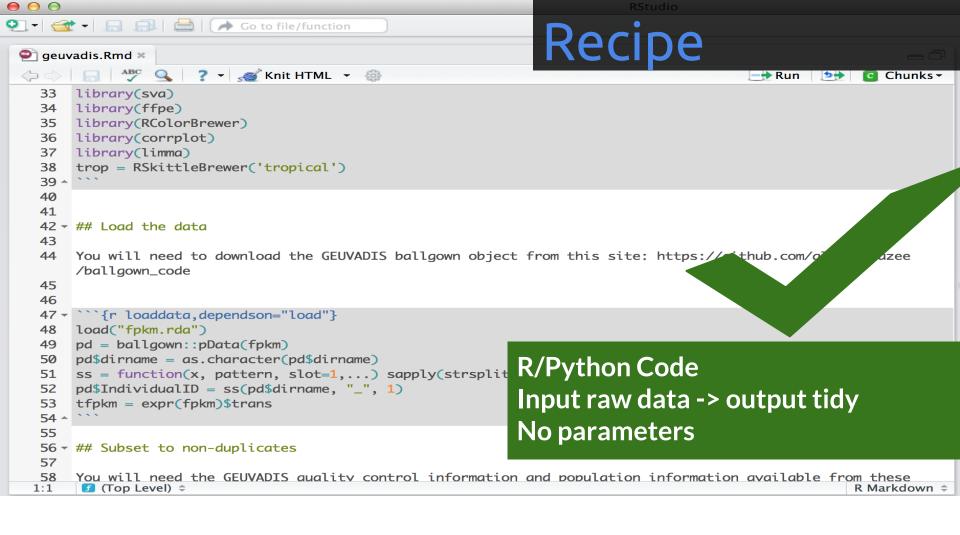
abba`Xa\^\\`aa]ba\_\_bba[a\_O\_a`aa`aa`a]^V]X\_a^YS\R\_\H\_[]\Z1 **Processing** GGGTAATTCAGGGACAATGTAATGGCTGCACAAAAAATACATCTTTCATGTTCCA' Computing **Summarizing** 

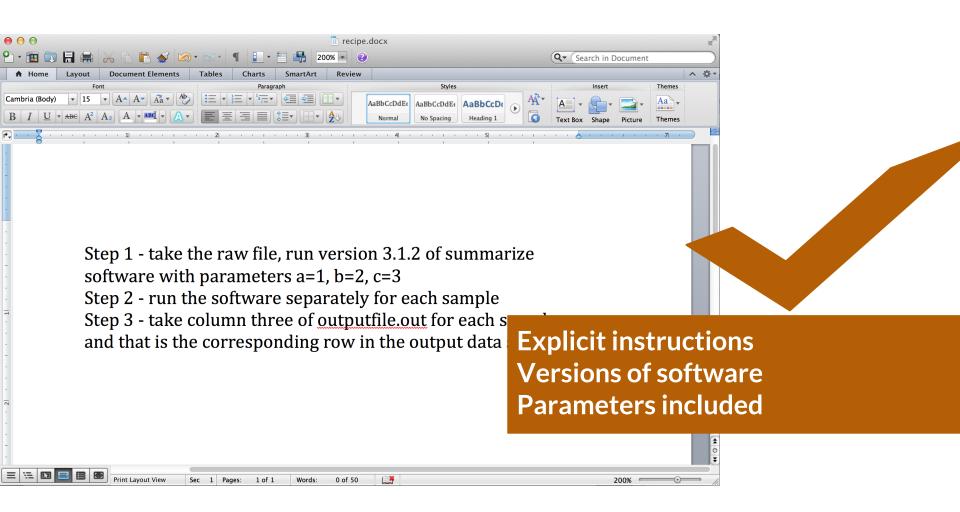
@HWI-EAS121:4:100:1783:455#0/1

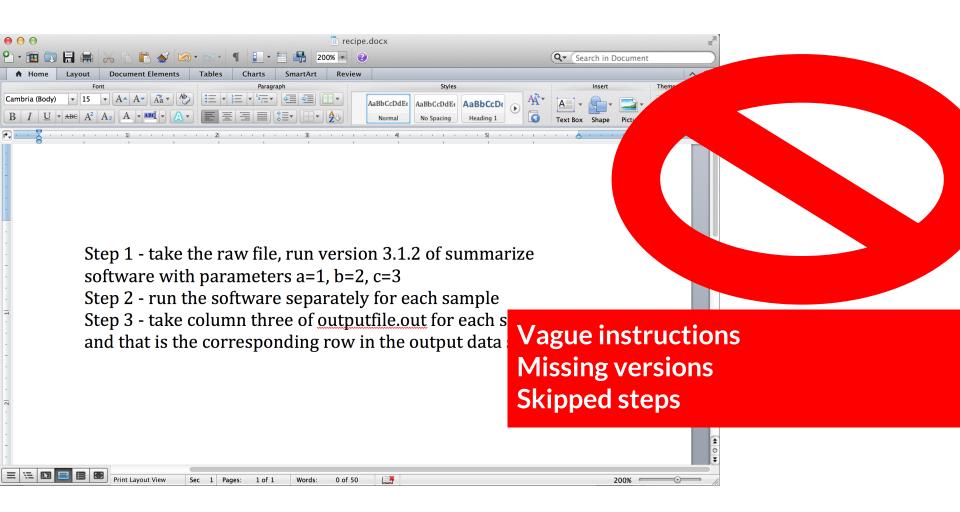
+HWI-EAS121:4:100:1783:455#0/1











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