

# Table with Footnotes

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Attempting to create a L<sup>A</sup>T<sub>E</sub>X table with good footnotes. I need the table to be generated using an existing R package for generating L<sup>A</sup>T<sub>E</sub>X tables from R code.

## Create the table

```
# an arbitrary example of a simple data frame
df <- data.frame("col.one" = c(1.1, 9.9, 2.3), "col.two" = c(4, 7, 8),
                 "col.three" = c(TRUE, TRUE, FALSE))
rownames(df) <- c("A", "B", "C")
```

## The xtable package

This seems to be the best option:

```
library(xtable)

options(xtable.comment = FALSE)

df_table <- xtable(df, label='tab:Exhibit-I', caption='Example nice table')

# alignment of each column and column borders
align(df_table) <- "r|rrr"

# to add one footnote to table columns "$\\footnote{can LaTeX see me?}$"

names(df_table)[1] <- "col.one$\\footnote{footnote for column 1}$"
names(df_table)[3] <- "col.three$\\footnote{footnote for column 3}$"

print(df_table,
      tabular.environment = 'longtable',
      floating = FALSE,
      sanitize.colnames.function = identity,
      caption.placement = "bottom",
      booktabs = TRUE)
```

	col.one <sup>1</sup>	col.two	col.three <sup>2</sup>
A	1.10	4.00	TRUE
B	9.90	7.00	TRUE
C	2.30	8.00	FALSE

Example nice table

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<sup>1</sup>footnote for column 1

<sup>2</sup>footnote for column 3

For more information see [Exhibit-I](#)