

Untitled

David Martin

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Introduction

This is my first RMarkdown document!

Let's embed some R code

Let's load the **Gapminder** data:

```
gm <- read.csv("Data/gapminder.csv")
head(gm)
```

```
##      country continent year lifeExp      pop gdpPercap
## 1 Afghanistan      Asia 1952  28.801  8425333  779.4453
## 2 Afghanistan      Asia 1957  30.332  9240934  820.8530
## 3 Afghanistan      Asia 1962  31.997 10267083  853.1007
## 4 Afghanistan      Asia 1967  34.020 11537966  836.1971
## 5 Afghanistan      Asia 1972  36.088 13079460  739.9811
## 6 Afghanistan      Asia 1977  38.438 14880372  786.1134
```

```
summary(gm$lifeExp)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##  23.60   48.20   60.71   59.47   70.85   82.60
```

The mean life expectancy is 59.4744394 years.

The years surveyed in this data include: 1952, 1957, 1962, 1967, 1972, 1977, 1982, 1987, 1992, 1997, 2002, 2007.

Chunk options

You can modify the behavior of an R chunk with options. Options are passed in after a comma on the fence, as shown below.

```
# R code here
```

Some commonly used options include:

- **echo**: (TRUE by default) whether to include R source code in the output file.
- **results** takes several possible values:
 - **markup** (the default) takes the result of the R evaluation and turns it into markdown that is rendered as usual.
 - **hide** will hide results.
 - **hold** will hold all the output pieces and push them to the end of a chunk. Useful if you're running commands that result in lots of little pieces of output in the same chunk.
 - **asis** writes the raw results from R directly into the document. Only really useful for tables.
- **include**: (TRUE by default) if this is set to FALSE the R code is still evaluated, but neither the code nor the results are returned in the output document.
- **fig.width**, **fig.height**: used to control the size of graphics in the output.

Try modifying your first R chunk to use different values for **echo**, **results**, and **include**.