Untitled

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R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```r
summary(cars)
```

```
##      speed           dist
##  Min.   : 4.0   Min.   :  2.00
##  1st Qu.:12.0   1st Qu.: 26.00
##  Median :15.0   Median : 36.00
##  Mean   :15.4   Mean   : 42.98
##  3rd Qu.:19.0   3rd Qu.: 56.00
##  Max.   :25.0   Max.   :120.00
```

Including Plots

You can also embed plots, for example:

$$(M_1) \begin{cases} ch4\_t_{ijk} = \mu + \alpha_i + \beta_j + \gamma_{ij} + (a1 + a2_i + a3_j) \times nh3\_kg_{ijk} + (b1 + b2_i + b3_j) \times n2o\_t_{ijk} + \nu \times n2o\_t_{ijk} \times nh3\_k \\ i = 1, \ldots, I = 6, \ j = 1 \ldots, J = 2, \ k = 1, \ldots, n_{ij}. \\ (\varepsilon_{ijk})_{i,j,k} \text{ i.i.d } \mathcal{N}(0, \sigma^2) \end{cases}$$

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.