Color the stan code chunk directly in Rmd

Yingqi Jing

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```r
library(devtools)
```

```
## Loading required package: usethis
```

```r
# install_github('jr-packages/stanhl')
# Note: this is only for python3; need to first install `pip3 install Pygments`;
# and `xcode-select --install`
library(stanhl)
```

This piece of code if from the souce code of `install_github('jr-packages/stanhl')`, and I simply extract the necessary funcs. You do not need to install the repository, but directly make use of the funcs inside Rstudio.

You can also put the following piece in a R script and source it at the beginning of your Rmd script. This will create a **highlight.tex** file in the current working directory. With this, you are able to color your stan code.

Stan model highlighted using `stanhl`

```stan
data{
int N; // number of observations
int H; // number of observed head
}
parameters{
real<lower=0, upper=1> p; // parameter for binomial distribution
}
model{
// you can also specify the prior here.
// If you leave it empty, it will use a flat or uniform prior
p ~ uniform(0, 1);
H ~ binomial(N, p); // likelihood func
}
```