

- But I can revert (i.e., go back) to a previous version of the script
 - go to the Version Control option in the Tool menu and click on “History”. I can see each of my three commits...

The screenshot shows the RStudio 'Review Changes' interface. At the top, there's a header bar with 'RStudio: Review Changes' and a search bar. Below this is a table of commit history. The table has columns for 'Subject', 'Author', 'Date', and 'SHA'. The first commit is highlighted in blue and is the current HEAD. To the left of the table is a vertical commit graph showing three commits connected by lines.

Subject	Author	Date	SHA
HEAD -> refs/heads/master Second plot added.	ajstewartlang <andrew.stewart@mancheste	2019-02-24	09c55c63
First plot added.	ajstewartlang <andrew.stewart@mancheste	2019-02-24	ef28f87f
We have just loaded our libraries.	ajstewartlang <andrew.stewart@mancheste	2019-02-24	a3d25634

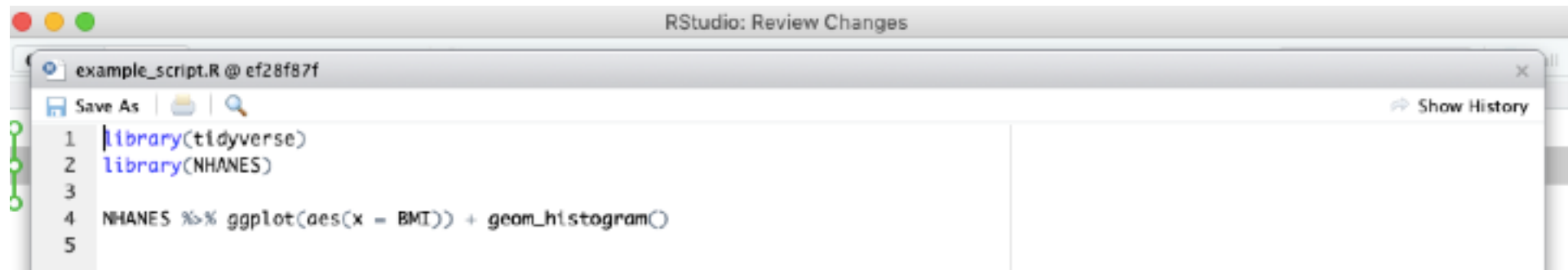
Below the table, there's a section for the selected commit (SHA 09c55c63). It shows the commit details: Author (ajstewartlang <andrew.stewart@manchester.ac.uk>), Date (2019-02-24 20:09), Subject (Second plot added.), and Parent (ef28f87f). Below this is a diff view for the file 'example_script.R'. The diff shows changes between the parent commit and the current commit. Line 2 has a change from 'library(NHANES)' to 'library(tidyverse)'. Line 4 has a change from 'NHANES %>% ggplot(aes(x = BMI)) + geom_histogram()' to 'NHANES %>% ggplot(aes(x = AgeDecade, y = BMI)) + geom_violin()'. Line 5 is highlighted in red and says 'No newline at end of file'. Line 6 is highlighted in green and shows the new code for the violin plot.

SHA 09c55c63
Author ajstewartlang <andrew.stewart@manchester.ac.uk>
Date 2019-02-24 20:09
Subject Second plot added.
Parent ef28f87f
example_script.R

example_script.R View file @ 09c55c63

```
@@ -2,4 +2,5 @@ library(tidyverse)
2 2 library(NHANES)
3 3
4 4 NHANES %>% ggplot(aes(x = BMI)) + geom_histogram()
5
5 No newline at end of file
6 NHANES %>% ggplot(aes(x = AgeDecade, y = BMI)) + geom_violin()
```

- If I click on the second commit, and then click on the View file link, I can see the version of the script associated with that commit:



- This commit was made just after I added the first plot, and before I added the second one. If I wanted to, I could just copy this file into my script window, and I'm back to where I was before I added that second plot!
- Alternatively, if I had saved my file but not made a commit, I could simply select "Revert" in the Tools - Version Control menu to go back to the file in its previous state.
- Remember you can only make a commit **after** you've saved your file. Git works by tracking how your saved file changes over time.