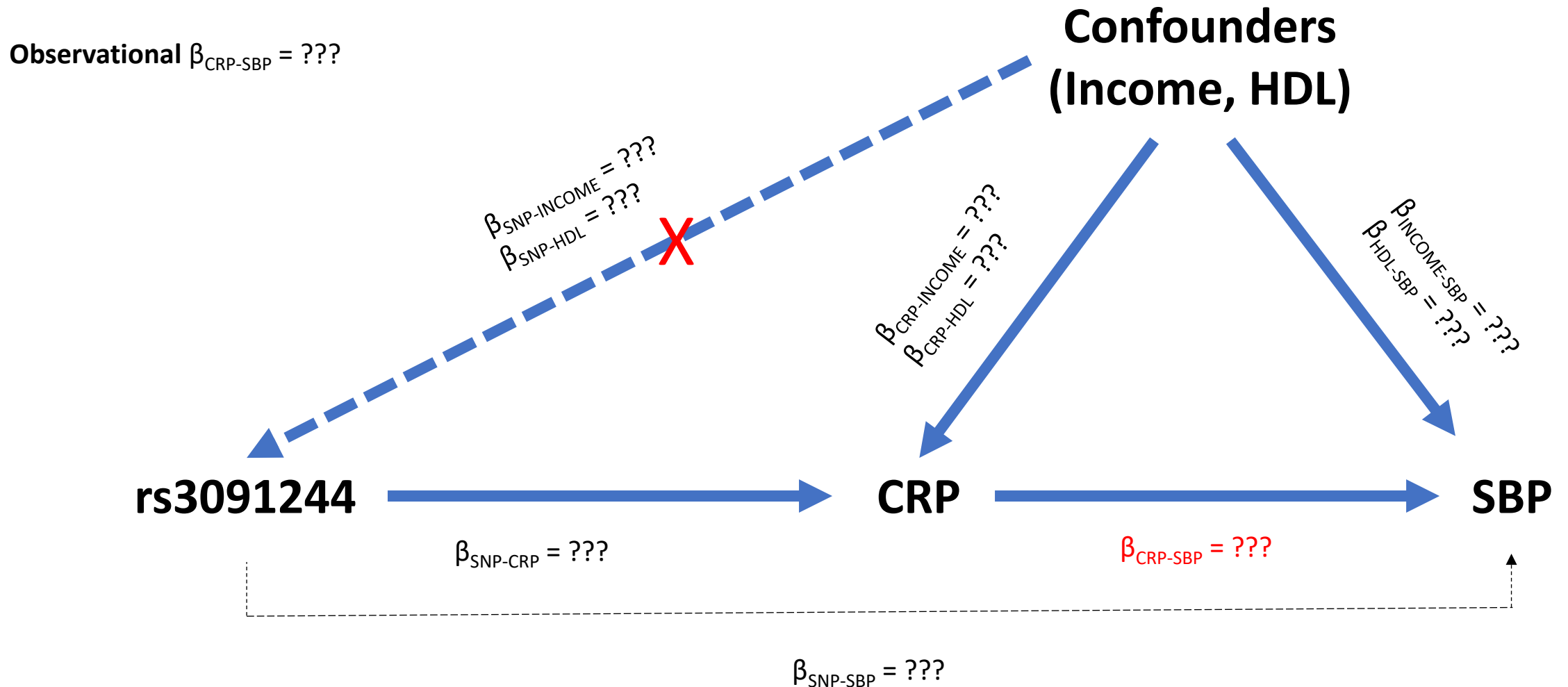


Mendelian randomization practical

Does having higher serum C-reactive protein (CRP) causally increase systolic blood pressure (SBP)?

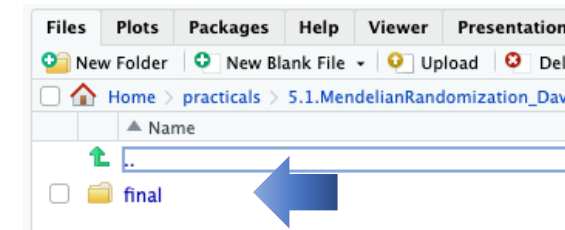
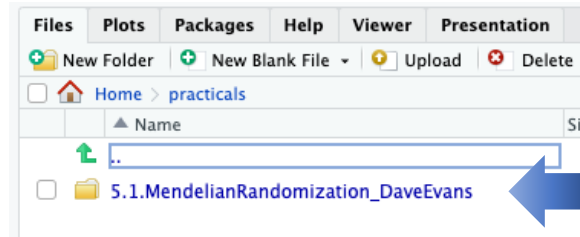
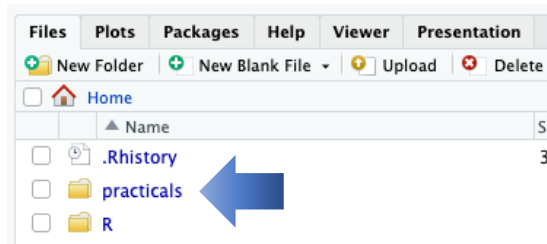


Mendelian randomization practical

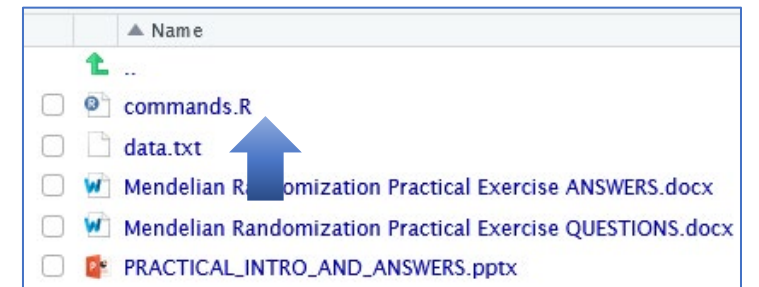
Workshop computing environment – Rstudio : <https://workshop.colorado.edu/rstudio/>

Login with your username and password

Navigate to `~/practicals/5.1.MendelianRandomization_DaveEvans/final` directory using the point and click windows style directory in the lower right-hand half of the R studio server (under the files tab).



Now load the list of commands you will run for the practical. Click on the “[Commands.R](#)” file and the file will load up in the R Console (Top left)



Mendelian randomization practical

Open the Qualtrics for this session.



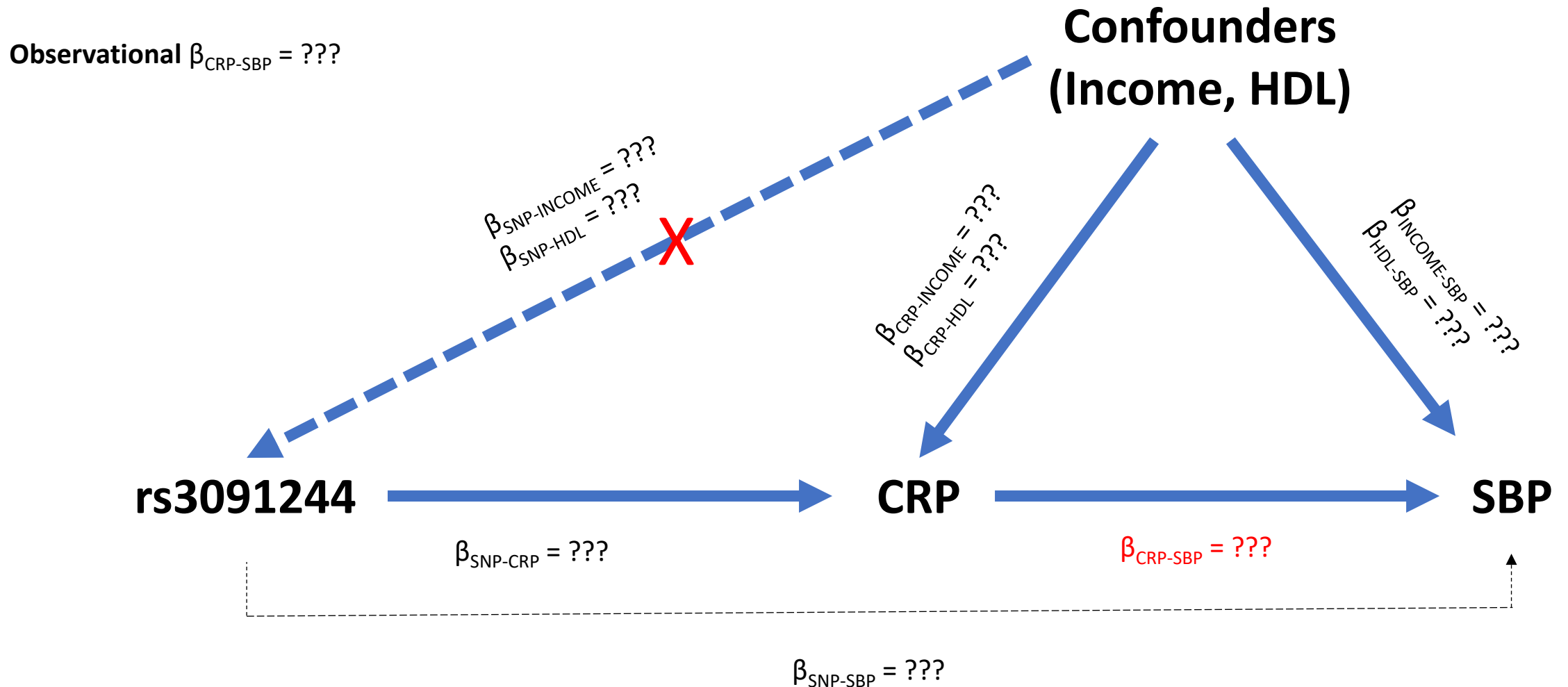
The screenshot shows an R script editor window with a tab labeled 'commands.R'. The script contains a comment on line 2: '# Open the qualtrics for this session: https://gimr.az1.qualtrics.com/jfe/form/SV_cGTZTw7GpS9I7PM'. The URL is highlighted in blue. A blue arrow points to the end of the URL. The editor has a toolbar with icons for navigation, saving, and running, and a 'Run' button.

```
1  
2 # Open the qualtrics for this session: https://gimr.az1.qualtrics.com/jfe/form/SV_cGTZTw7GpS9I7PM  
3  
4
```

For your reference, the Questions and answers are also provided in the finder window (bottom right-hand side) as word documents that you can download onto your local pc.

Mendelian randomization practical

Does having higher serum C-reactive protein (CRP) causally increase systolic blood pressure (SBP)?



Observational $\beta_{\text{CRP-SBP}} = 19.1 \text{ mmHg/CRP Unit}; P < 2 \times 10^{-16}$

