How to access and use the BACPAC collaborative study simulation code

**Key Information**

1. The code is now on github: <https://github.com/UNC-CSCC/bacpac_collaborativeSMARTsims>
2. ./Code/BACPAC simulations explainer.Rmd explains the logic of the code and how to use it.

**High-level overview**

1. Generation of the simulation data sets is parameterized by two lists
   1. Meta data
   2. the first line treatments, second line treatments, augmentation treatments, and the standard of care treatment
   3. the number of participants
   4. Key design aspects of the trial where each key design aspect is operationalized as a function and associated varargs
2. Analysis is Q-learning, parameterized by Q-functions at stage 1 and stage 2

**Organization** – Analysis parameters and git commit are saved to JSON file