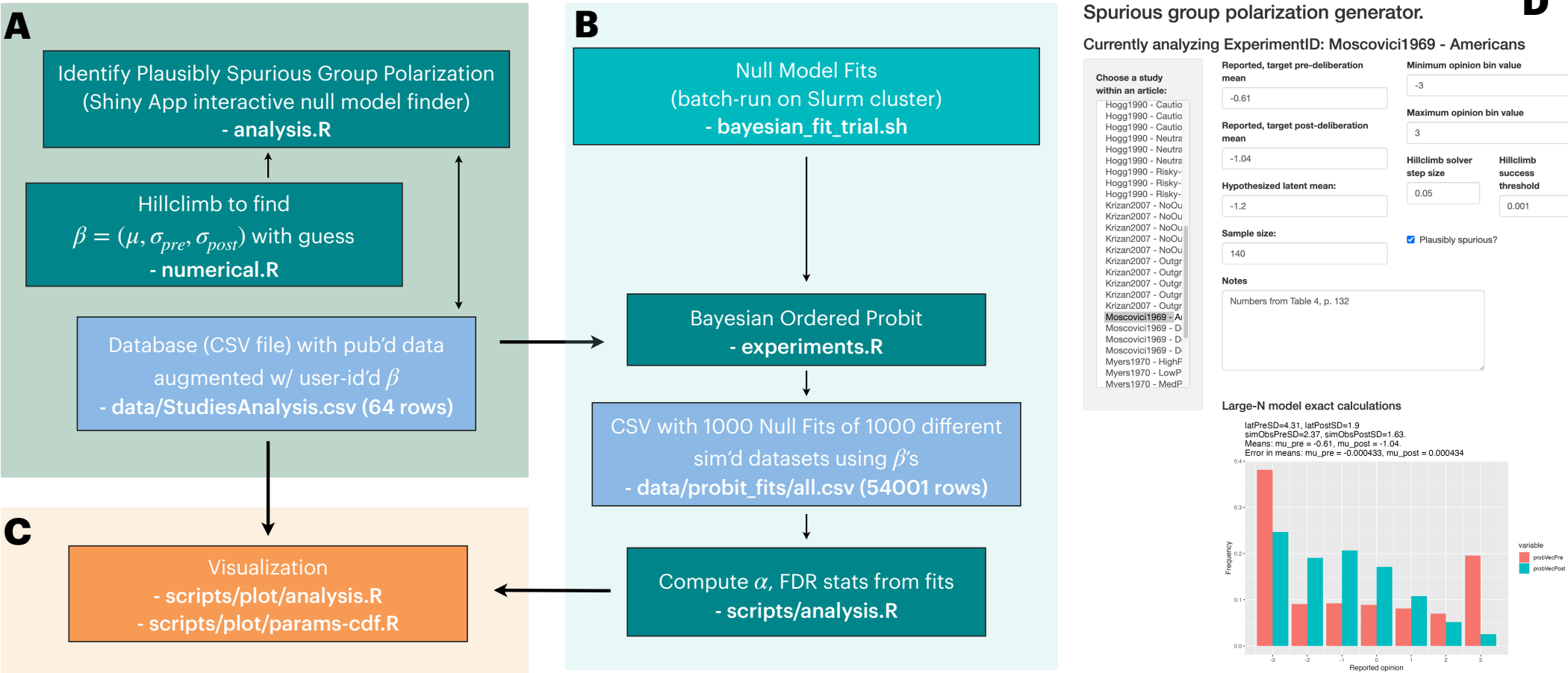
A
Identify Plausibly Spurious Group Polarization
(Shiny App interactive null model finder)
- analysis.R
Hillclimb to find
$\beta = (\mu, \sigma_{pre}, \sigma_{post})$ with guess
- numerical.R
Database (CSV file) with pub'd data
augmented w/ user-id'd β
- data/StudiesAnalysis.csv (64 rows)
B
Null Model Fits
(batch-run on Slurm cluster)
- bayesian_fit_trial.sh
Bayesian Ordered Probit
- experiments.R
CSV with 1000 Null Fits of 1000 different
sim'd datasets using β's
- data/probit_fits/all.csv (54001 rows)
Compute α, FDR stats from fits
- scripts/analysis.R
C
Visualization
- scripts/plot/analysis.R
- scripts/plot/params-cdf.R
D
Spurious group polarization generator.
Currently analyzing ExperimentID: Moscovici1969 - Americans
Choose a study within an article:
Hogg1990 - Cautio
Hogg1990 - Cautio
Hogg1990 - Cautio
Hogg1990 - Neutra
Hogg1990 - Neutra
Hogg1990 - Neutra
Hogg1990 - Risky-
Hogg1990 - Risky-
Hogg1990 - Risky-
Krizan2007 - NoOu
Krizan2007 - NoOu
Krizan2007 - NoOu
Krizan2007 - NoOu
Krizan2007 - NoOu
Krizan2007 - Outgr
Krizan2007 - Outgr
Krizan2007 - Outgr
Krizan2007 - Outgr
Krizan2007 - Outgr
Moscovici1969 - A
Moscovici1969 - D
Moscovici1969 - D
Moscovici1969 - D
Myers1970 - HighF
Myers1970 - LowP
Myers1970 - MedP
Reported, target pre-deliberation mean
-0.61
Reported, target post-deliberation mean
-1.04
Hypothesized latent mean:
-1.2
Sample size:
140
Minimum opinion bin value
-3
Maximum opinion bin value
3
Hillclimb solver step size
0.05
Hillclimb success threshold
0.001
Plausibly spurious?
Notes
Numbers from Table 4, p. 132
Large-N model exact calculations
latPreSD=4.31, latPostSD=1.9
simObsPreSD=2.37, simObsPostSD=1.63.
Means: mu_pre = -0.61, mu_post = -1.04.
Error in means: mu_pre = -0.000433, mu_post = 0.000434
Frequency
Reported opinion
variable
probVecPre
probVecPost