Changes for this round:

* IPTW with stabilized weights for ATE and ATT
  + Confirm formula for ATT
* Subclassification for ATE (all other matching methods are still ATT only)
* Correction to subclassification: don’t reweight within each subclass
* Corrected bug in g-comp implementation coming from double-indexing
* Added custom parametric formula for estimation of propensity score in matching, and propensity score and outcome model in analysis phase
* Corrected bug in sampling/study: match weights are vector of 1’s not NA’s if no matching conducted; match\_estimand is single string, not vector
* Case control sampling
* Bias-corrected matching
* AIPTW for ATE
* Double robust weighted regression

Add to user input:

* For the very first question, add check boxes for (1) cohort/cross-sectional sampling (“samp\_cohort” = T/F) and (2) case-control sampling (“samp\_cc” = T/F). Only offer case-control if outcome is binary.
* If cohort is selected, ask for sample size, all exposed, all controls, otherwise do not show these options
* If case control, ask if user wants it to be matched case control (“samp\_cc\_matched” = T/F), but put a note that this option is not currently functional
* If case control, ask for number of cases and number of controls (numeric open boxes. “samp\_n\_cases”, “samp\_n\_controls”)
* Remove notes in custom equation fields (in matching, specification of parametric g and Q formulas) that says these are not functional
* Add bias-corrected matching as an analysis option (T/F. If it’s already there, remove note that says it’s not functional). Put a user note that pops up if BCM is selected. For right now, BCM is only compatible with exact, nearest neighbor, and optimal matching, so at least one of these three matching methods must be selected.
* If BCM is selected, all of the Q model options should be prompted
* Add AIPTW as an analysis option (T/F; an\_aiptw. If it’s already there, remove the note that says it’s not functional). Put a note that AIPTW is only available for ATE at the moment
* Add double-robust weighted regression to the analysis options (T/F). If DRWR is selected, all of the propensity score (g model) and outcome model (Q model) options should be prompted