Supplemental Materials to the paper "Missing Data in Alcohol Clinical Trials with Binary Outcomes"

Additional missing data simulation results based on 25-30% missing data:

1. *25-30 percent missing, Any Drinking, N = 500*: Simulated dropout results for dataset with *N* = 500 sample with 25-30% missing data modeling "any drinking."
2. *25-30 percent missing, Any Drinking, N = 200*: Simulated dropout results for dataset with *N* = 500 sample with 25-30% missing data modeling "any drinking."
3. *25-30 percent missing, Any Heavy Drinking, N = 500*: Simulated dropout results for dataset with *N* = 500 sample with 25-30% missing data modeling "any heavy drinking."
4. *25-30 percent missing, Any Heavy Drinking, N = 200*: Simulated dropout results for dataset with *N* = 500 sample with 25-30% missing data modeling "any heavy drinking."

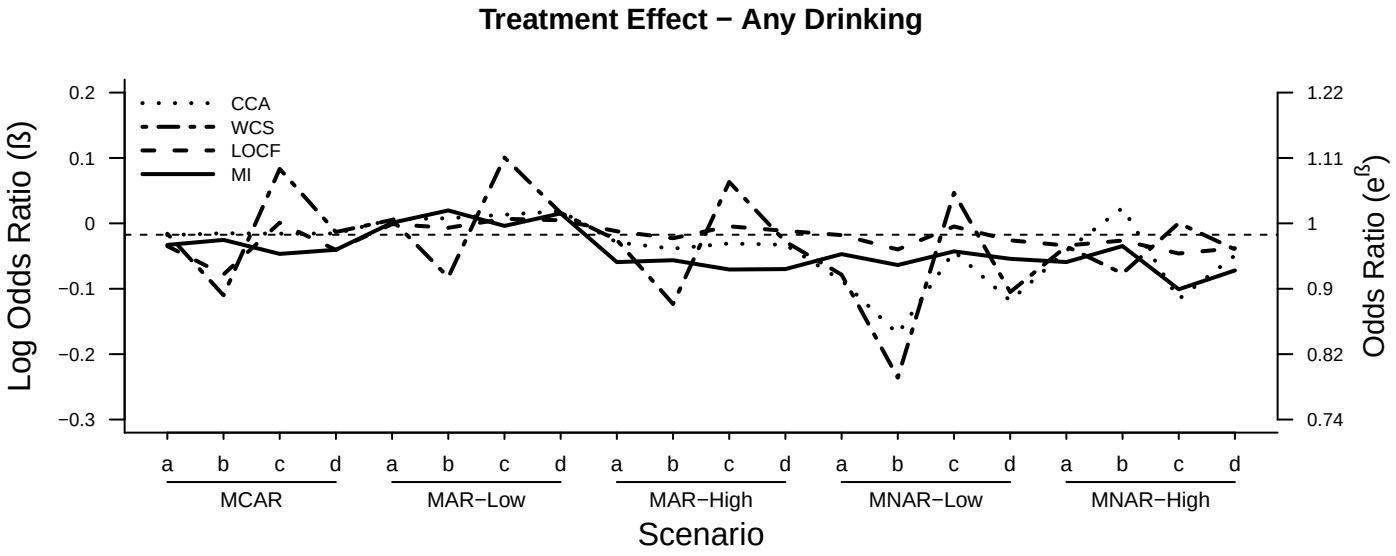
Additional missing data simulation results based on 5-10% missing data:

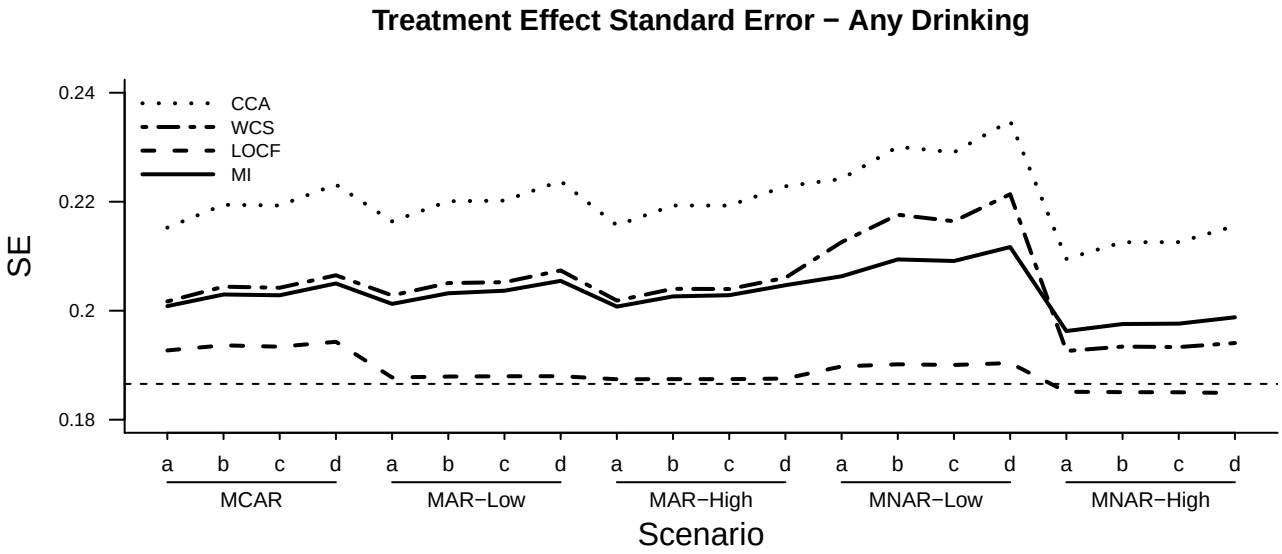
5. *5-10 percent missing, Any Drinking, N = 1000*: Simulated dropout results for dataset with *N* = 1000 sample with 5-10% missing data modeling "any drinking."
6. *5-10 percent missing, Any Drinking, N = 500*: Simulated dropout results for dataset with *N* = 500 sample with 5-10% missing data modeling "any drinking."
7. *5-10 percent missing, Any Drinking, N = 200*: Simulated dropout results for dataset with *N* = 500 sample with 5-10% missing data modeling "any drinking."
8. *5-10 percent missing, Any Heavy Drinking, N = 1000*: Simulated dropout results for dataset with *N* = 1000 sample with 5-10% missing data modeling "any heavy drinking."
9. *5-10 percent missing, Any Heavy Drinking, N = 500*: Simulated dropout results for dataset with *N* = 500 sample with 5-10% missing data modeling "any heavy drinking."
10. *5-10 percent missing, Any Heavy Drinking, N = 200*: Simulated dropout results for dataset with *N* = 500 sample with 5-10% missing data modeling "any heavy drinking."

Additional Last Observation Carried Forward (LOCF) results with different sampling rates from previous time points. Sampling rates from previous time periods are specified in the legends of the corresponding graphs. Standard error estimates did not deviate substantially between methods, and only treatment effect estimates (β) are shown.:

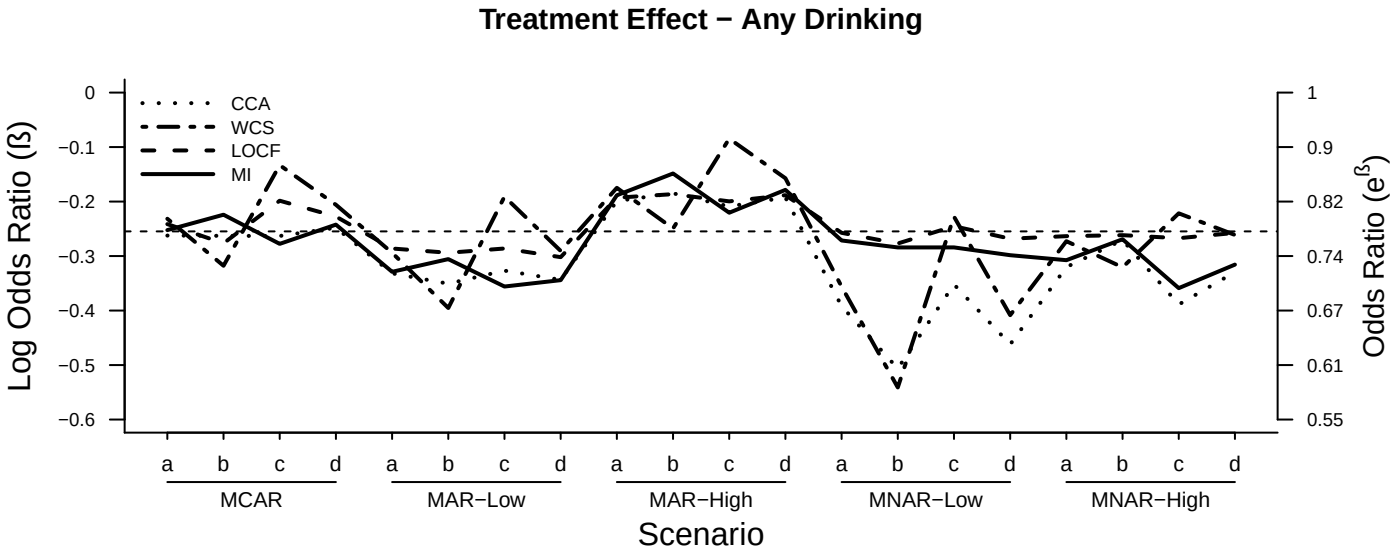
11. *25-30 percent missing, Any Drinking, LOCF only*: Simulated dropout results for dataset with *N* = 1000, 500, or 200 with 25-30% missing data modeling "any drinking."
12. *25-30 percent missing, Any Heavy Drinking, LOCF only*: Simulated dropout results for dataset with *N* = 1000, 500, or 200 with 25-30% missing data modeling "any heavy drinking."
13. *5-10 percent missing, Any Drinking, LOCF only*: Simulated dropout results for dataset with *N* = 1000, 500, or 200 with 5-10% missing data modeling "any drinking."
14. *5-10 percent missing, Any Heavy Drinking, LOCF only*: Simulated dropout results for dataset with *N* = 1000, 500, or 200 with 5-10% missing data modeling "any heavy drinking."

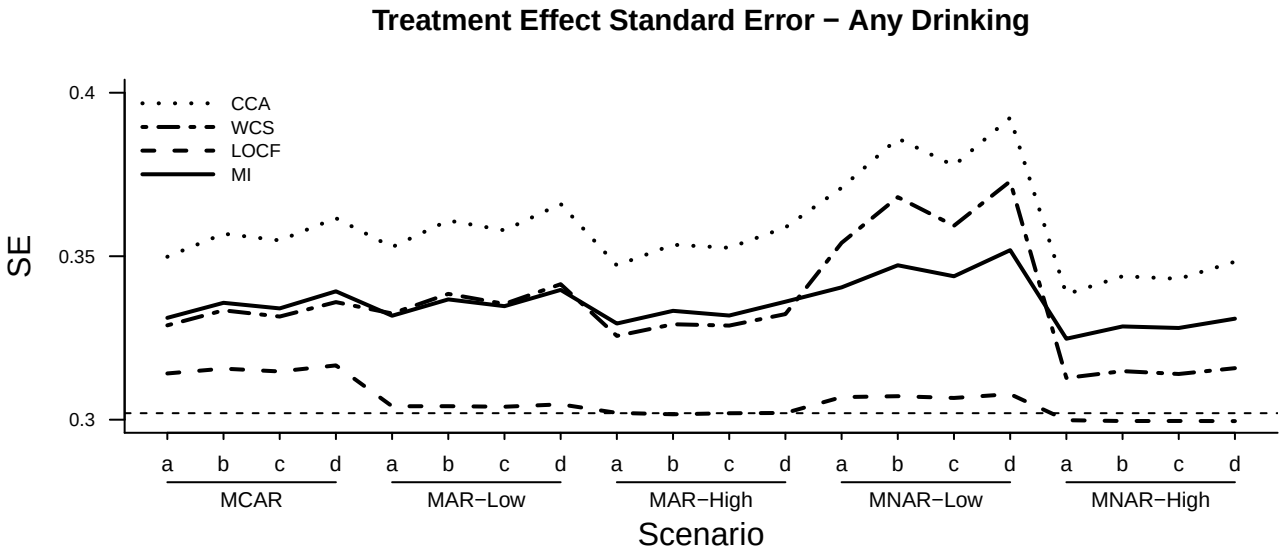
1. 25-30 percent missing, Any Drinking, N = 500



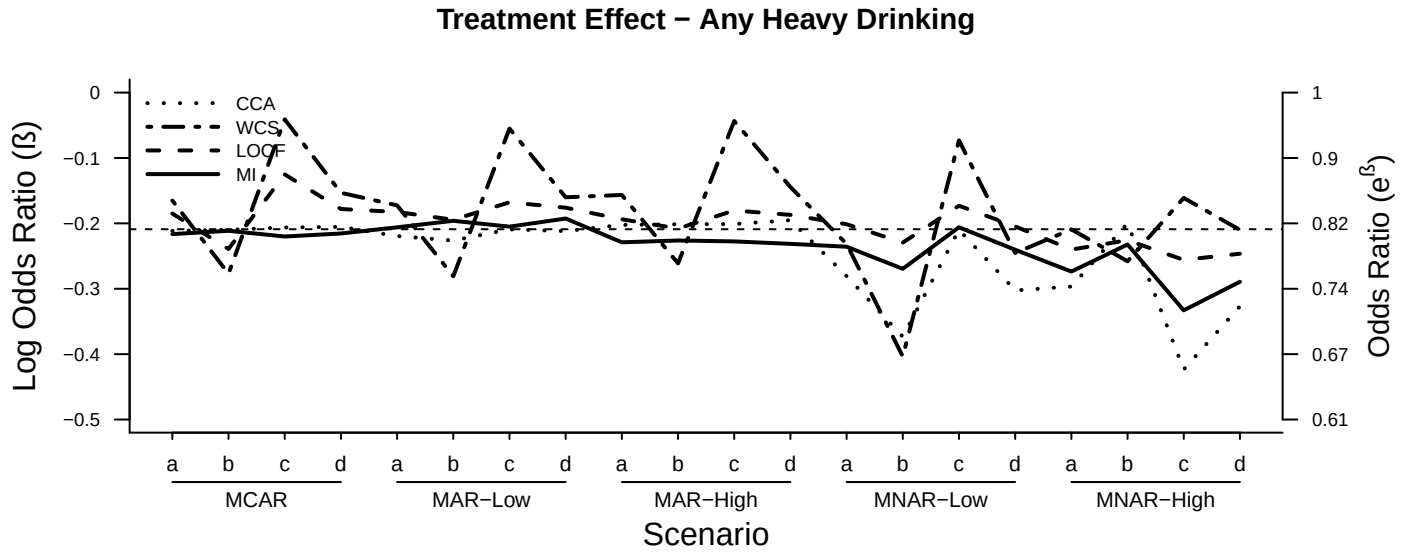


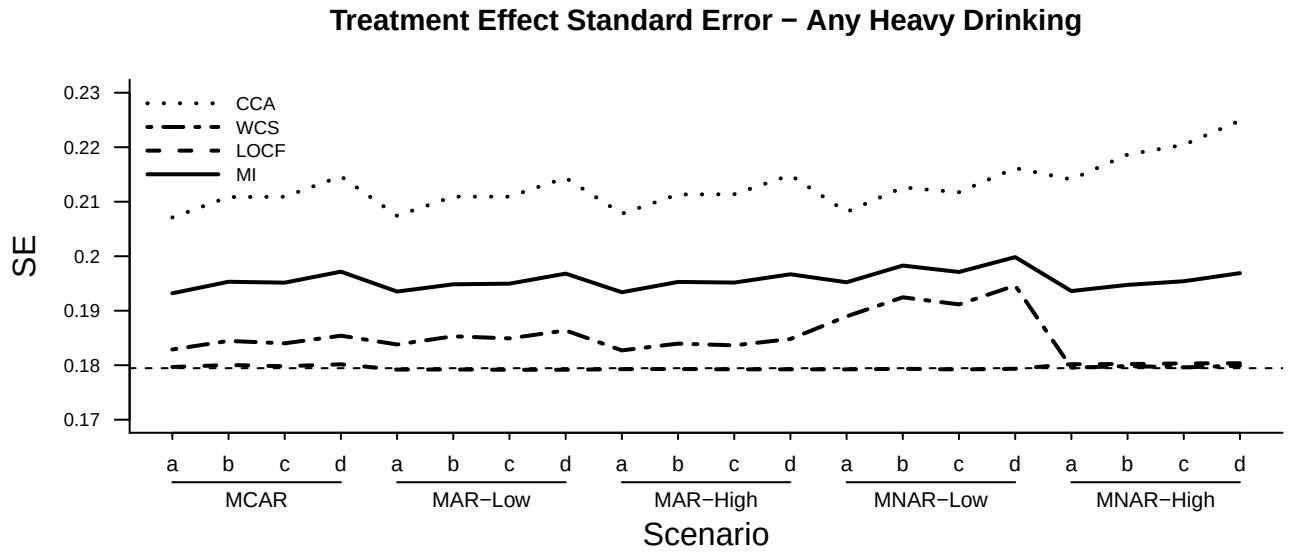
2. 25-30 percent missing, Any Drinking, N = 200



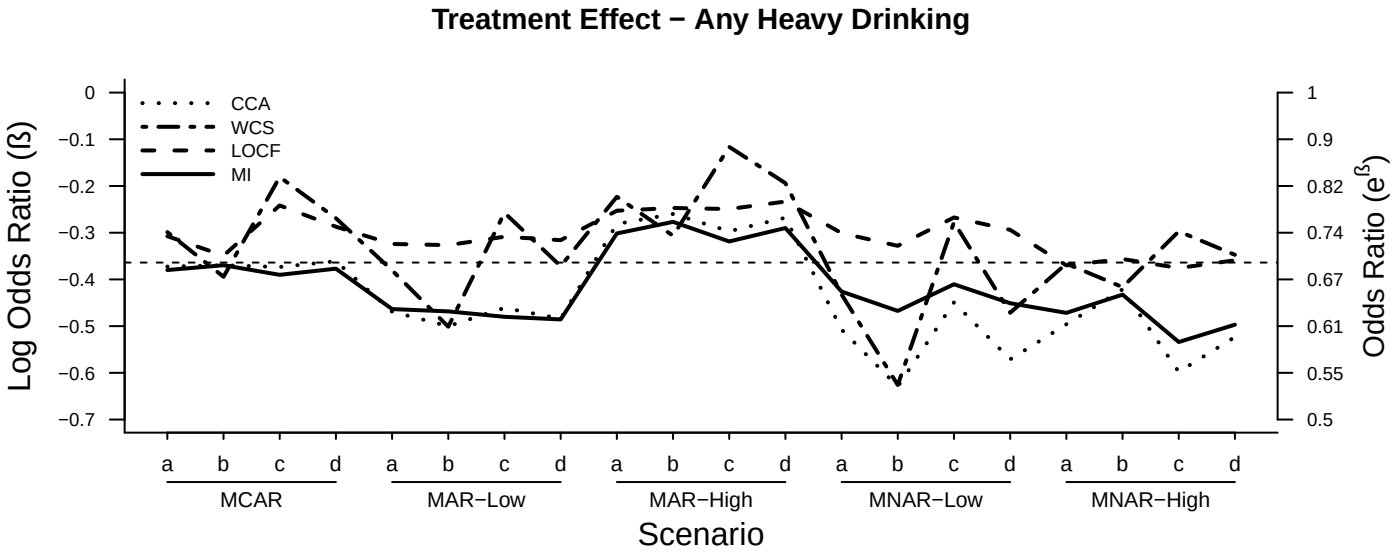


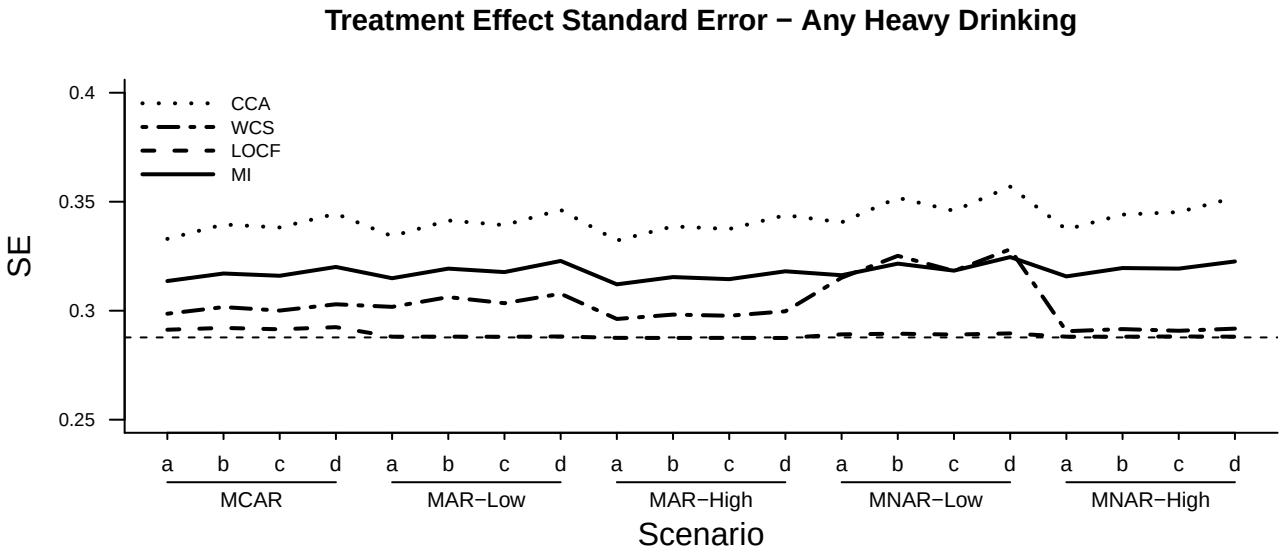
3. 25-30 percent missing, Any Heavy Drinking, N = 500



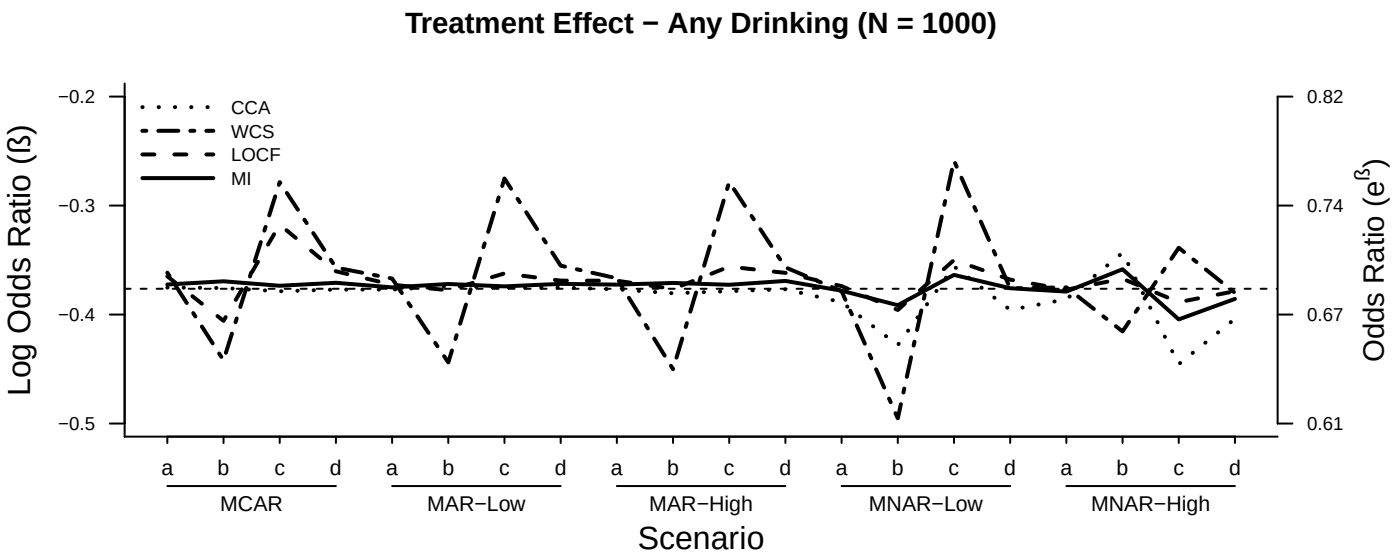


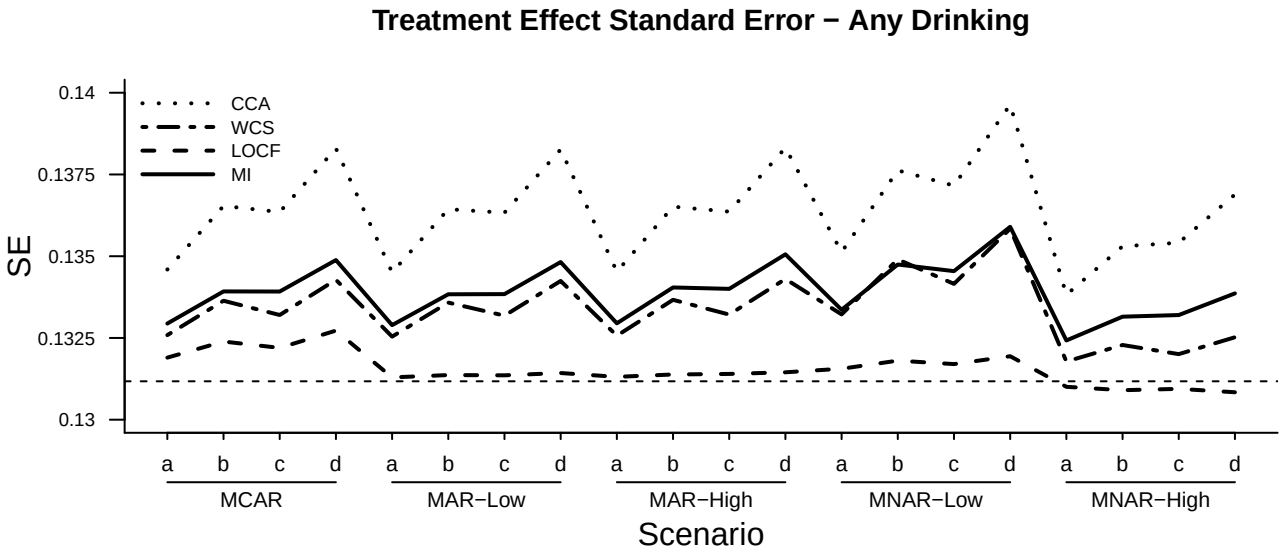
4. 25-30 percent missing, Any Heavy Drinking, N = 200



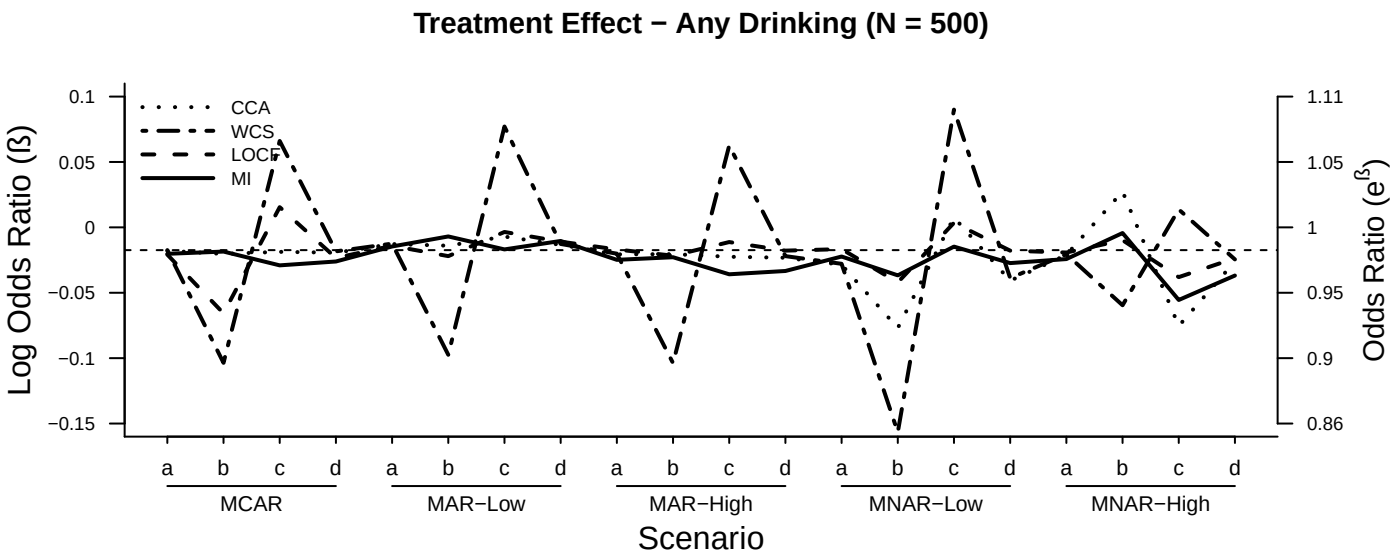


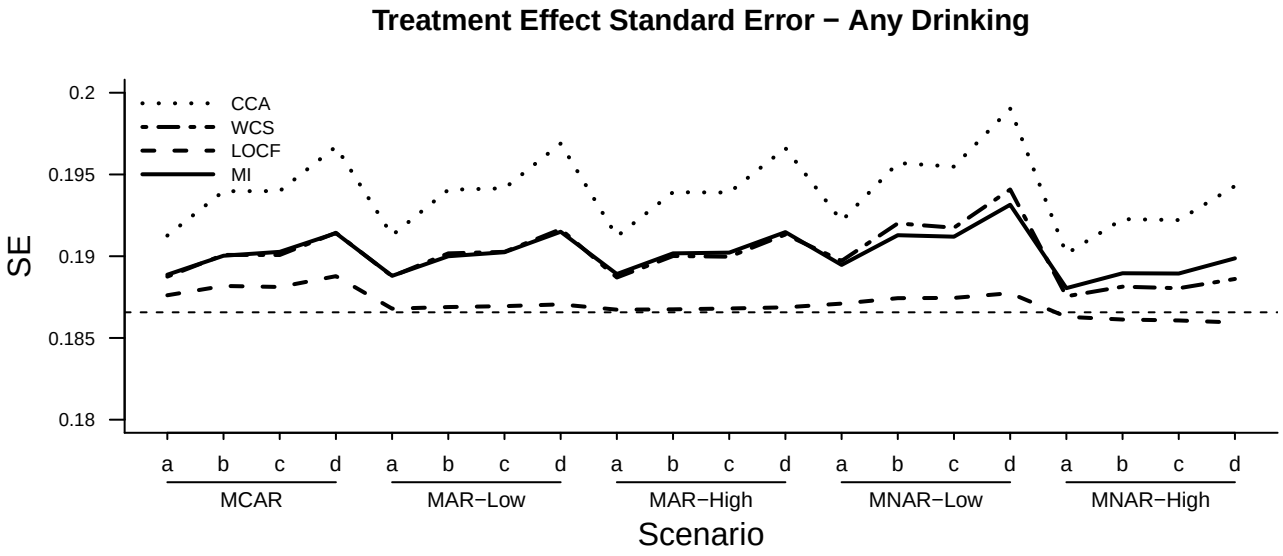
5. 5-10 percent missing, Any Drinking, N = 1000





6. 5-10 percent missing, Any Drinking, N = 500





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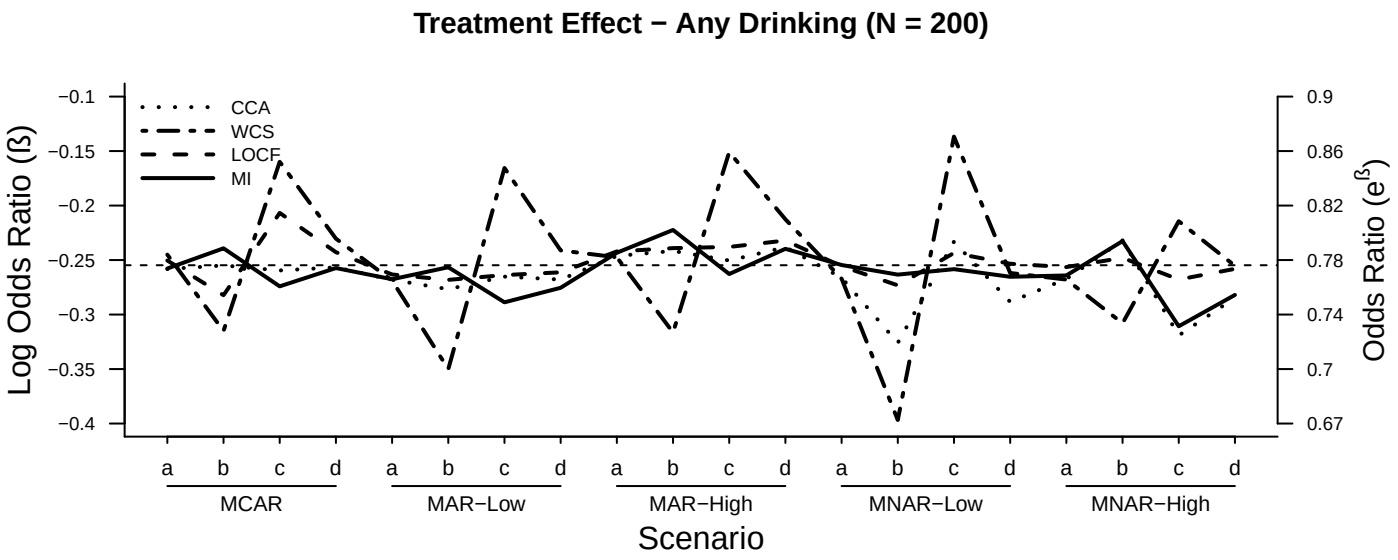
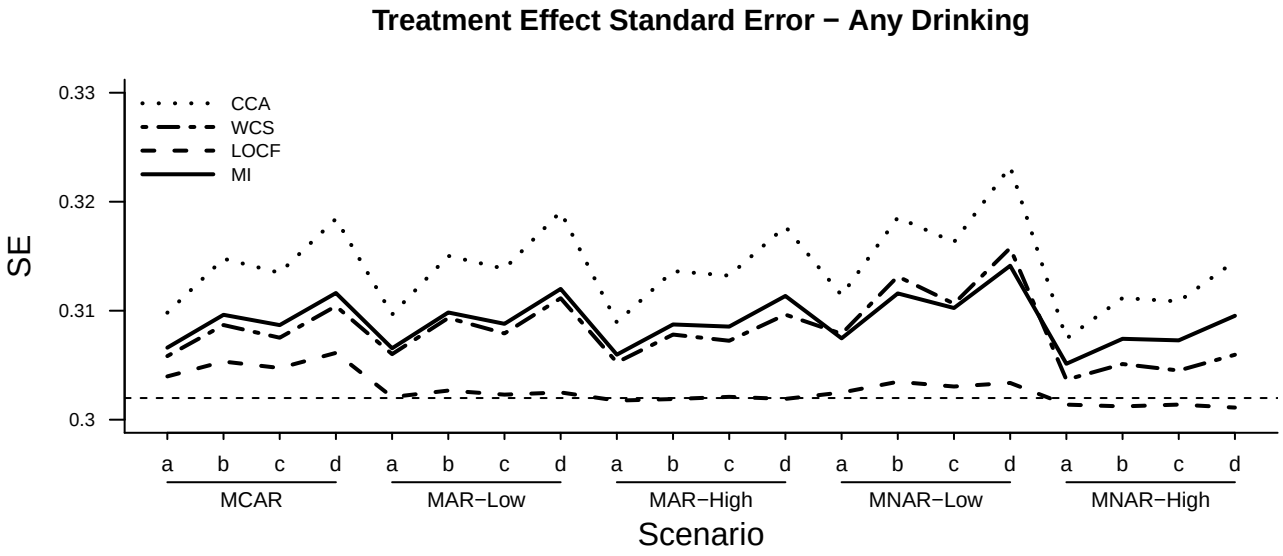
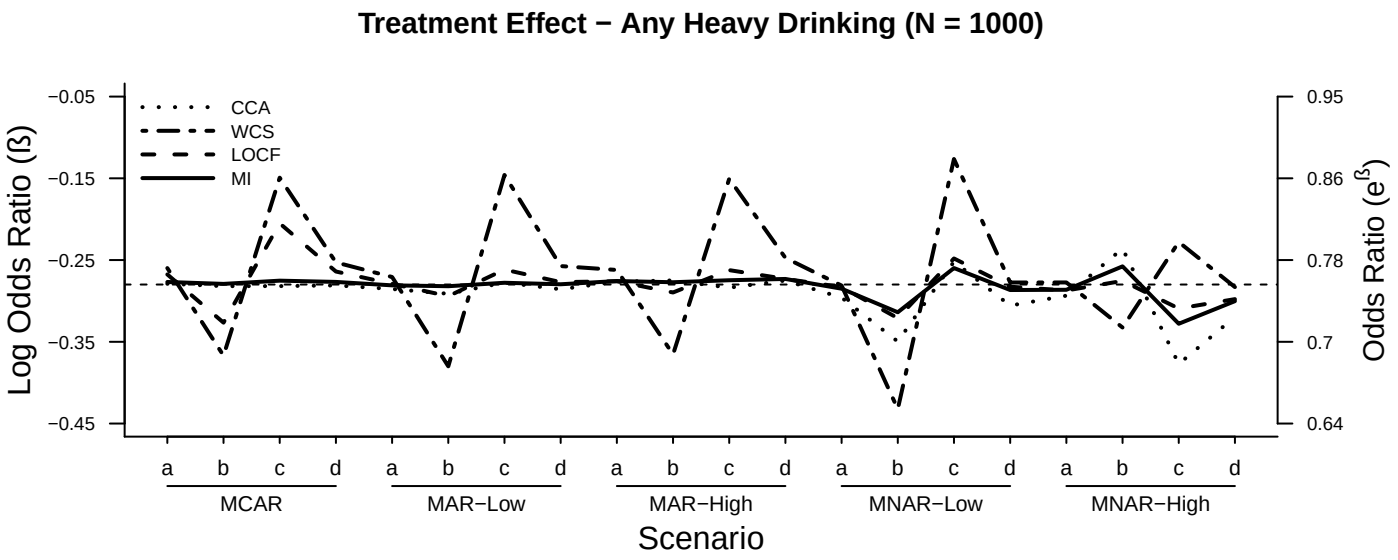
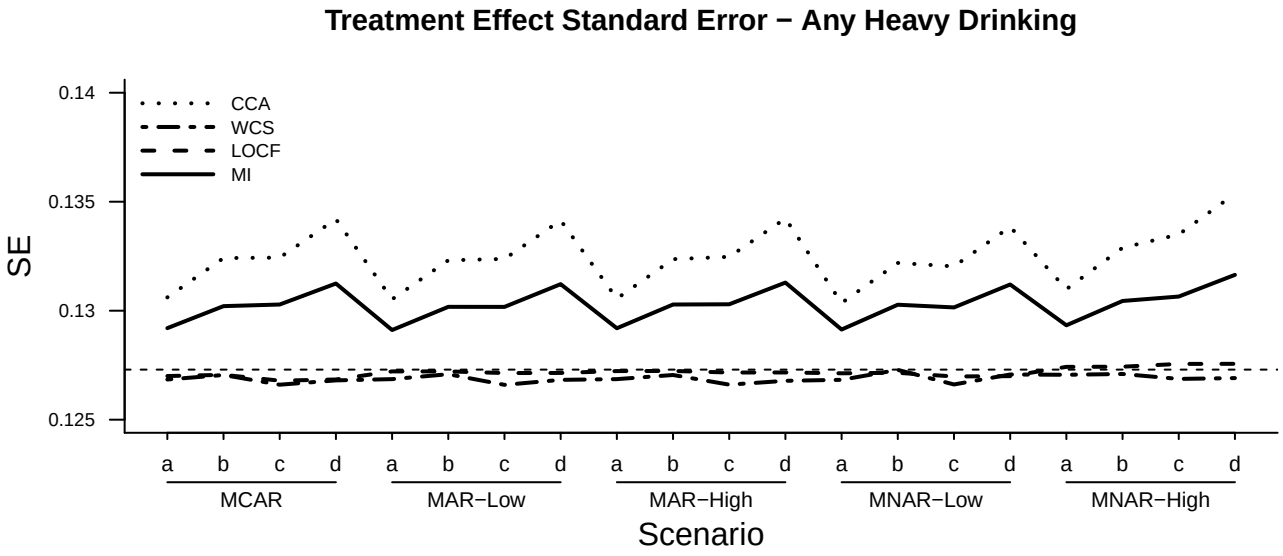


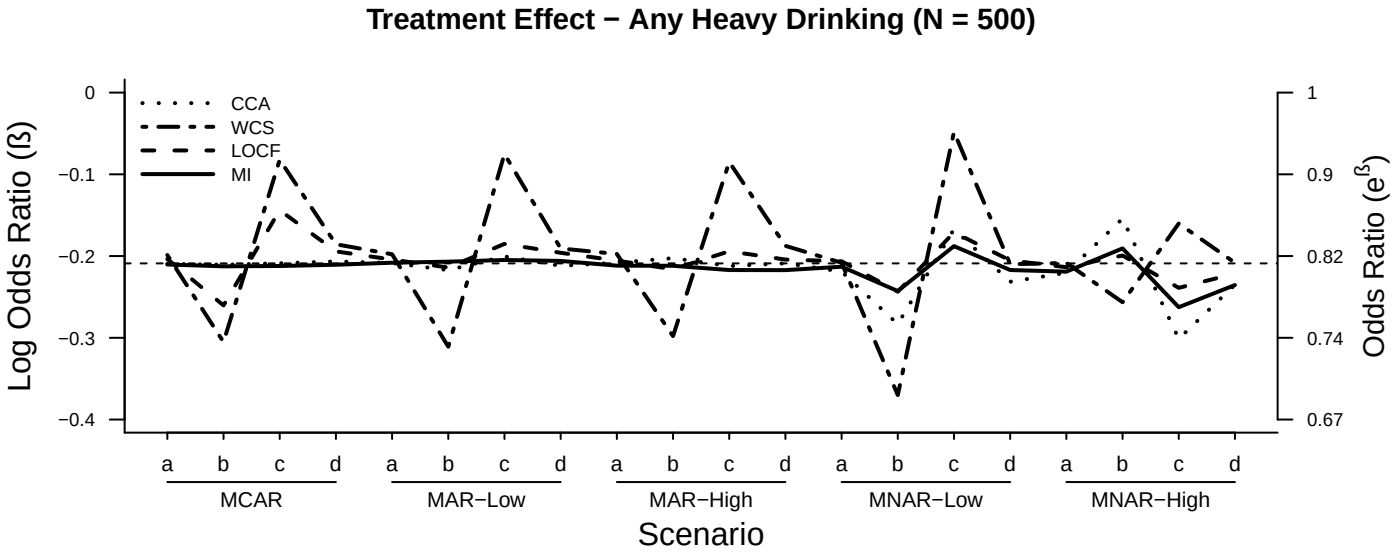


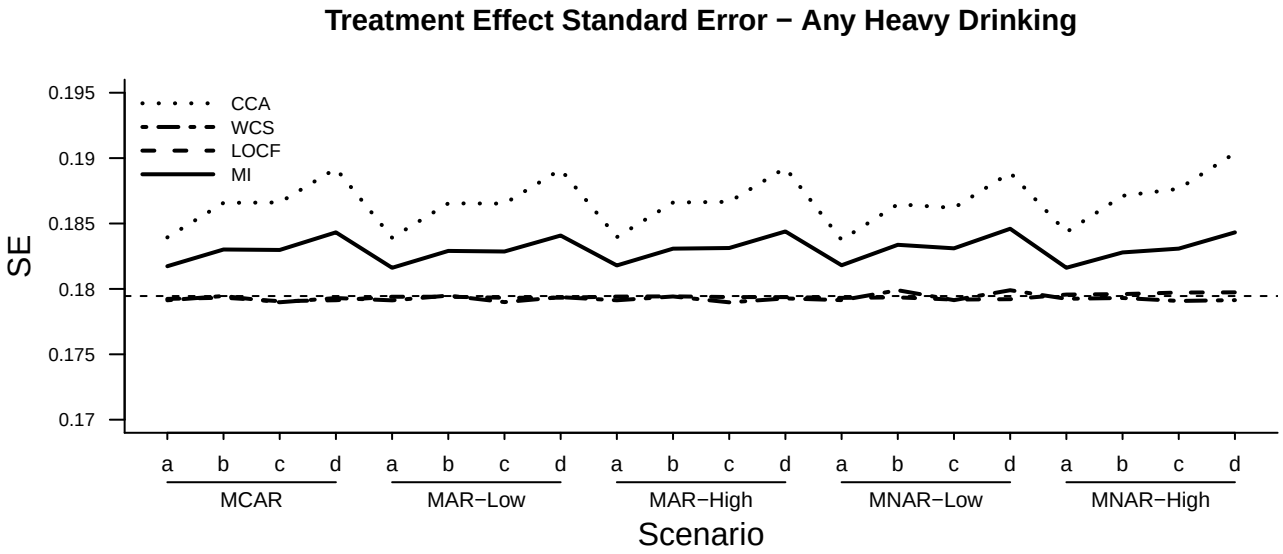
8. 5-10 percent missing, Any Heavy Drinking, N = 1000



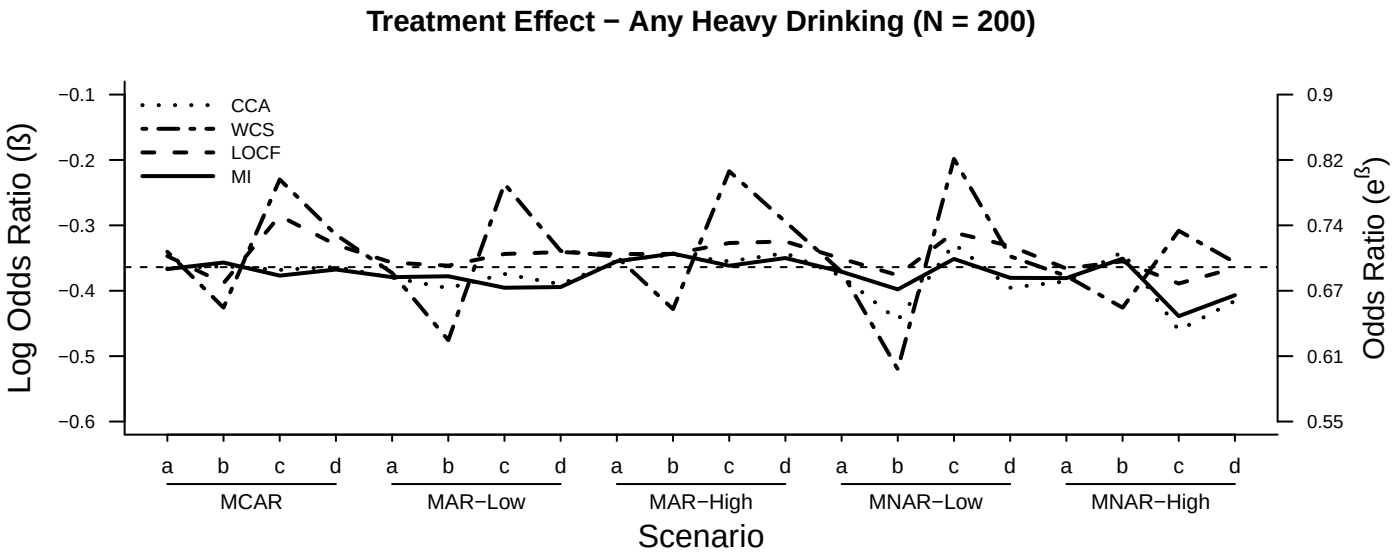


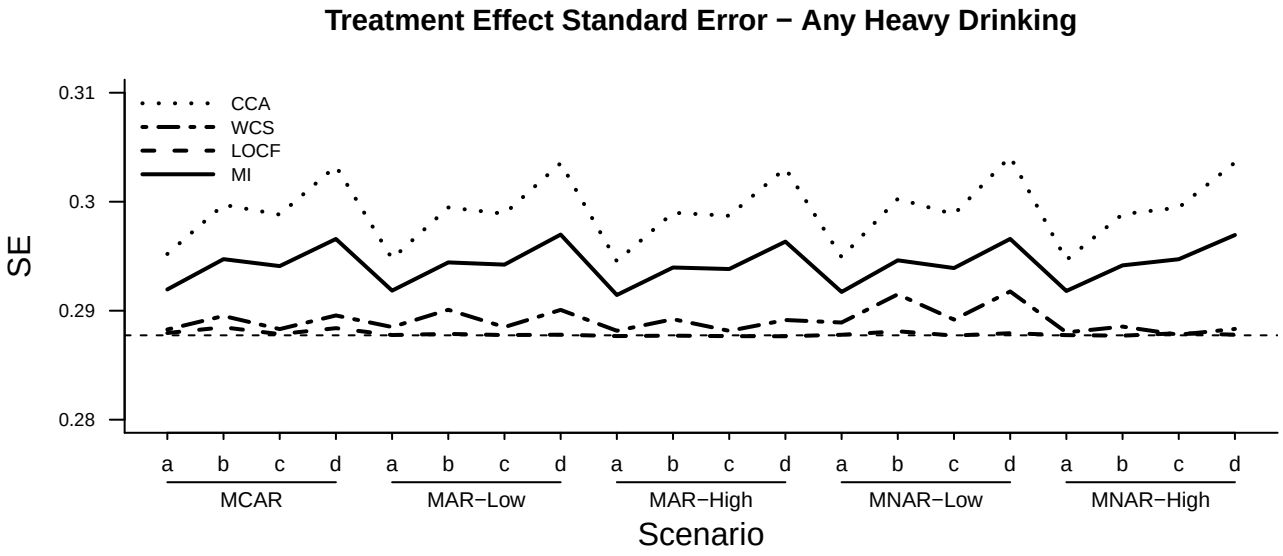
9. 5-10 percent missing, Any Heavy Drinking, N = 500



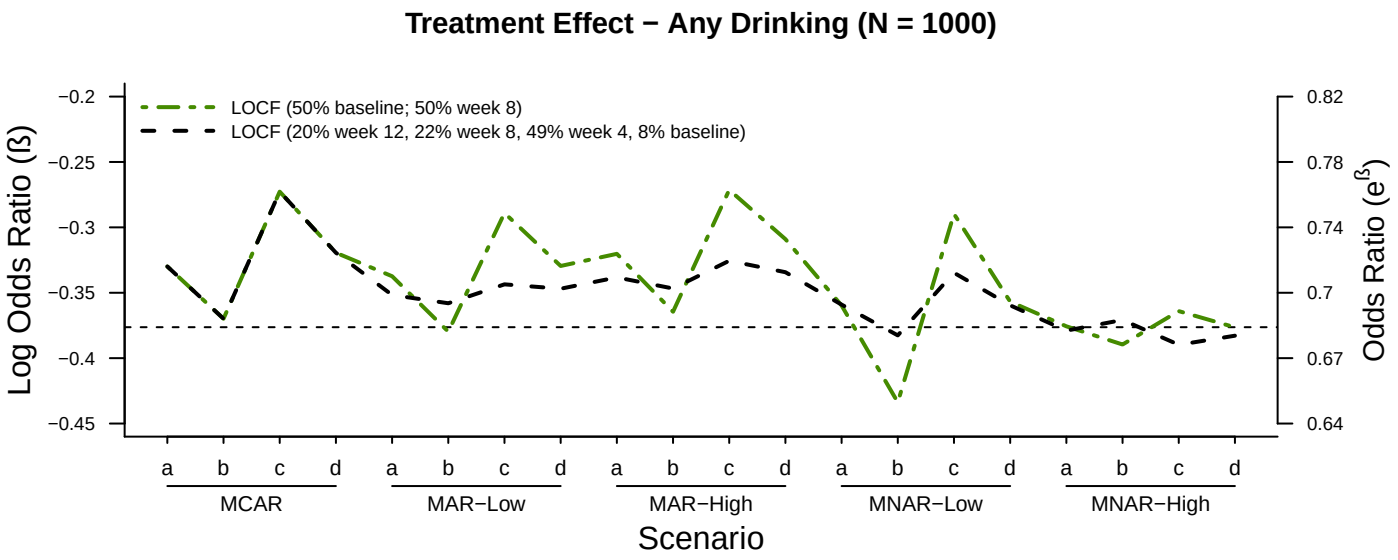


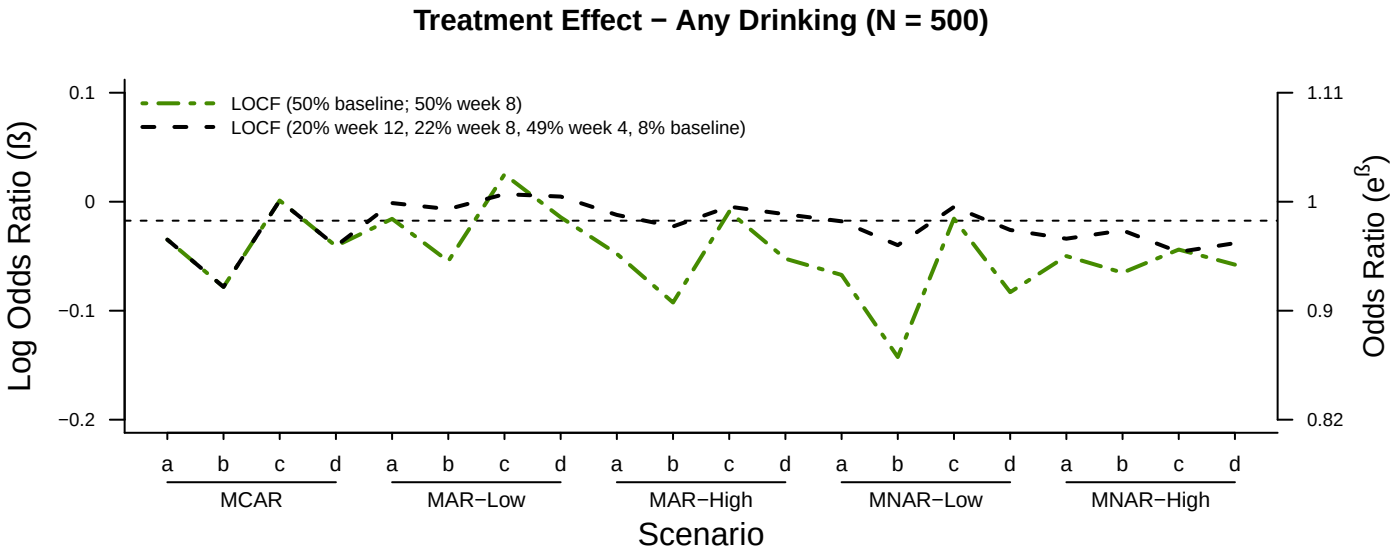
10. 5-10 percent missing, Any Heavy Drinking, N = 200

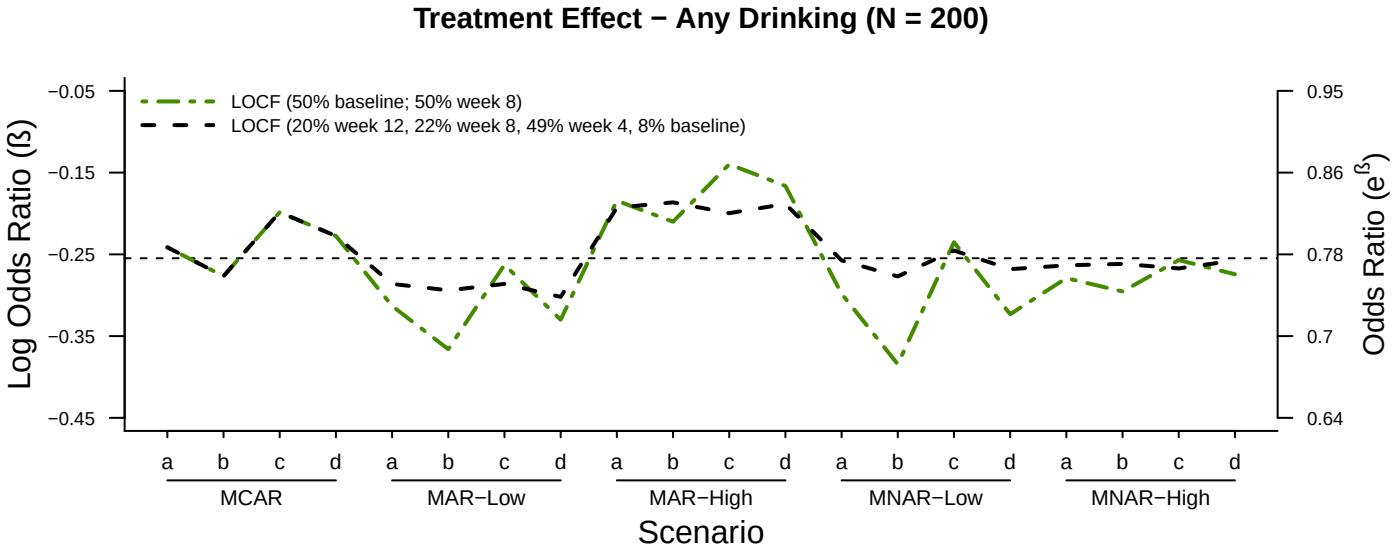




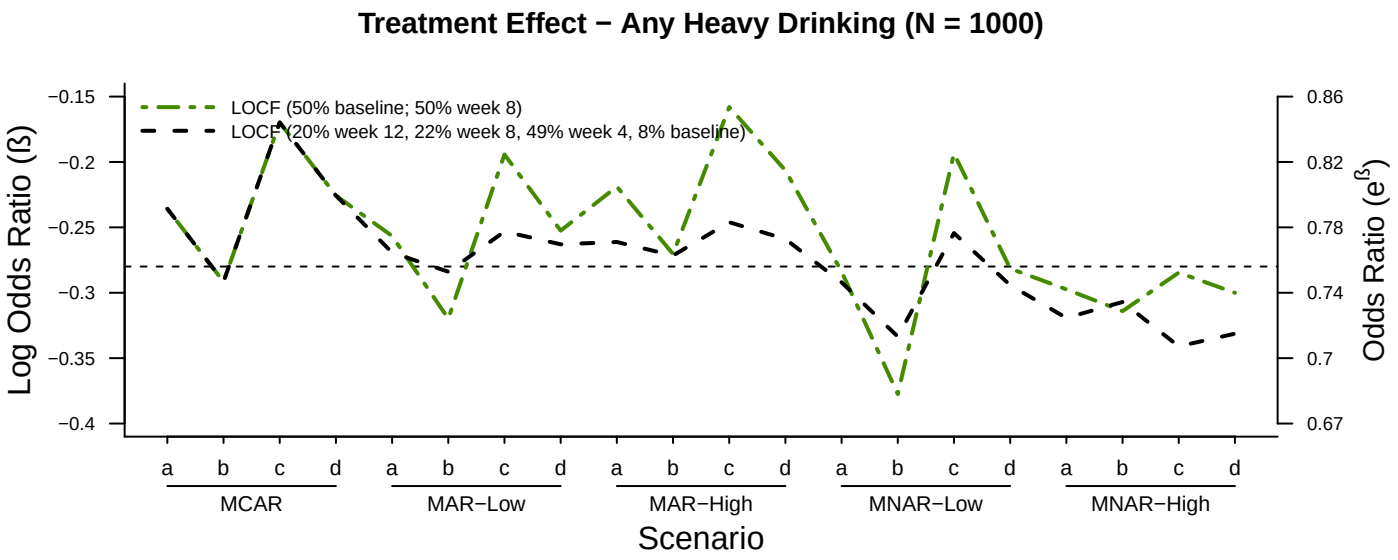
11. 25-30 percent missing, Any Drinking, LOCF only

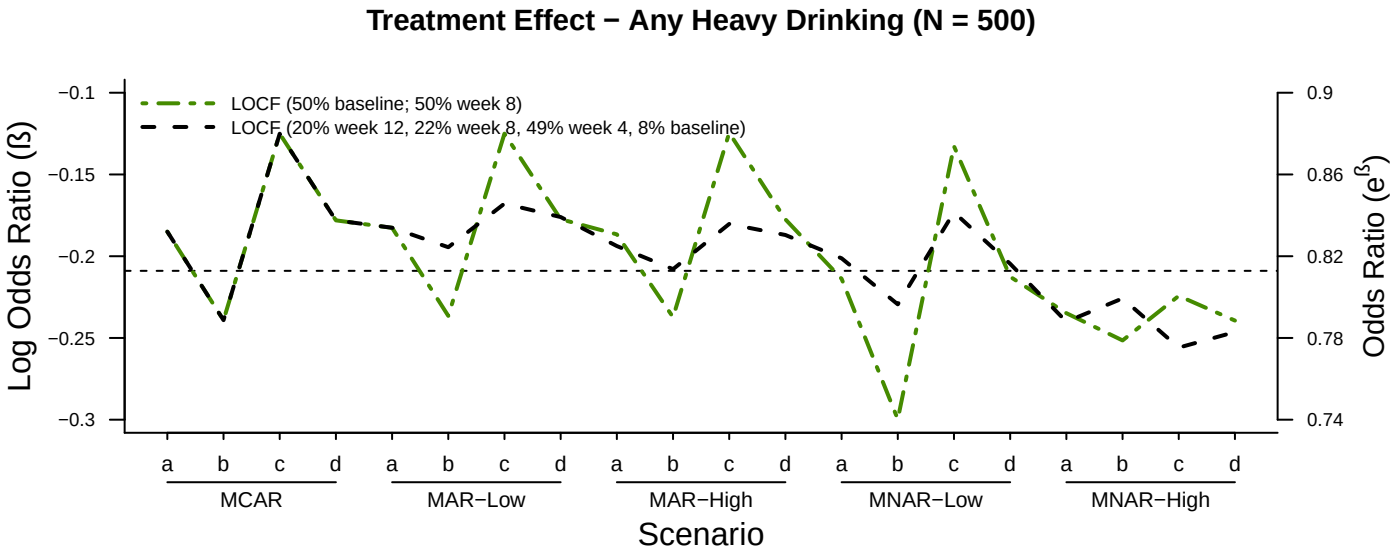


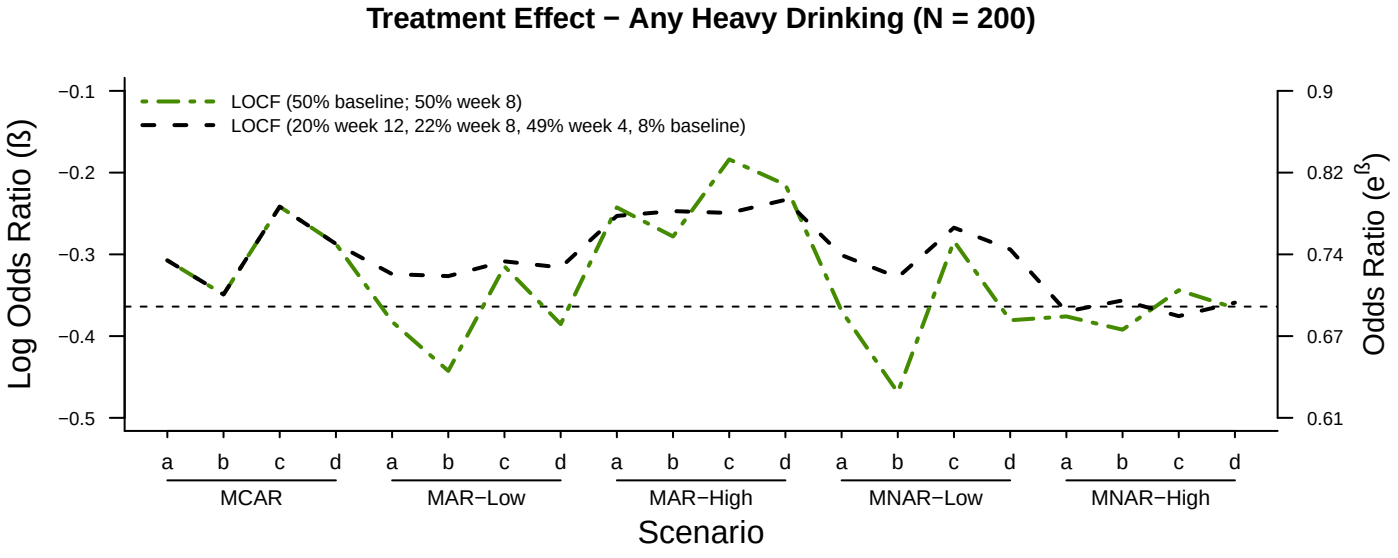




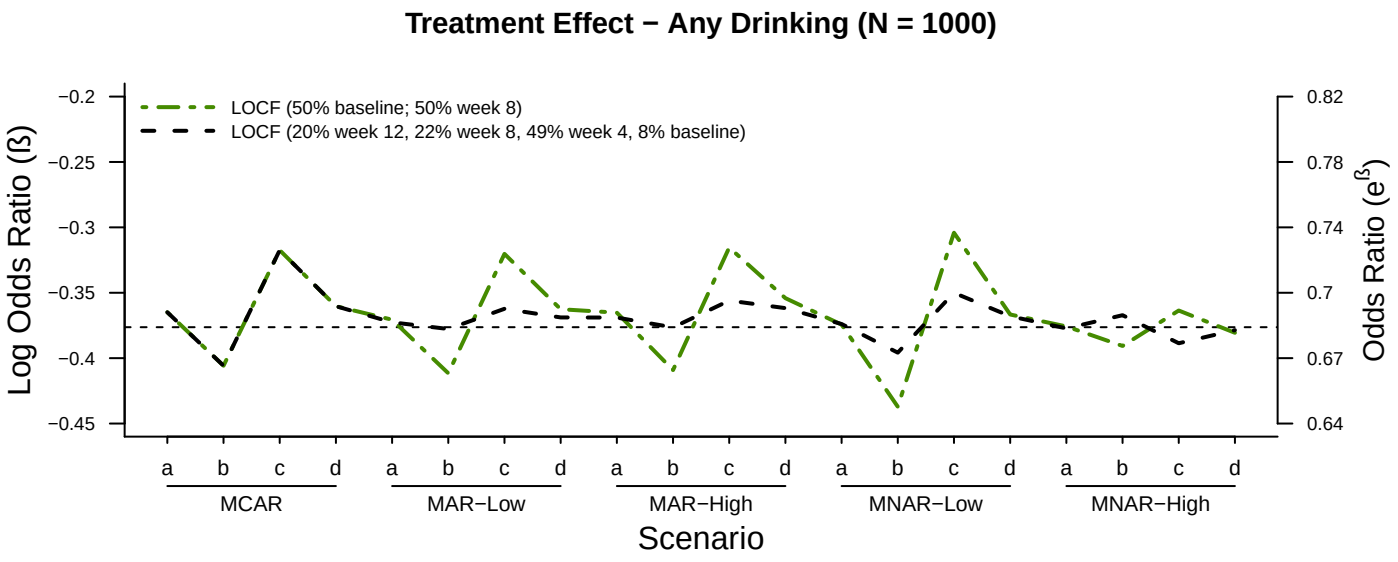
12. 25-30 percent missing, Any Heavy Drinking, LOCF only

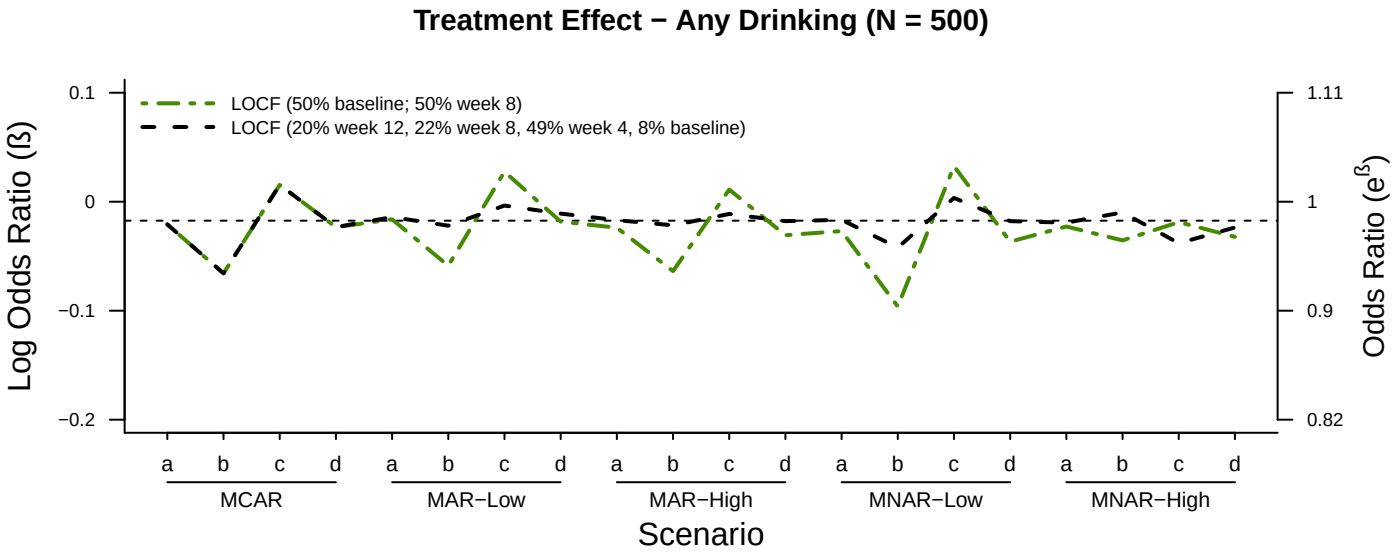


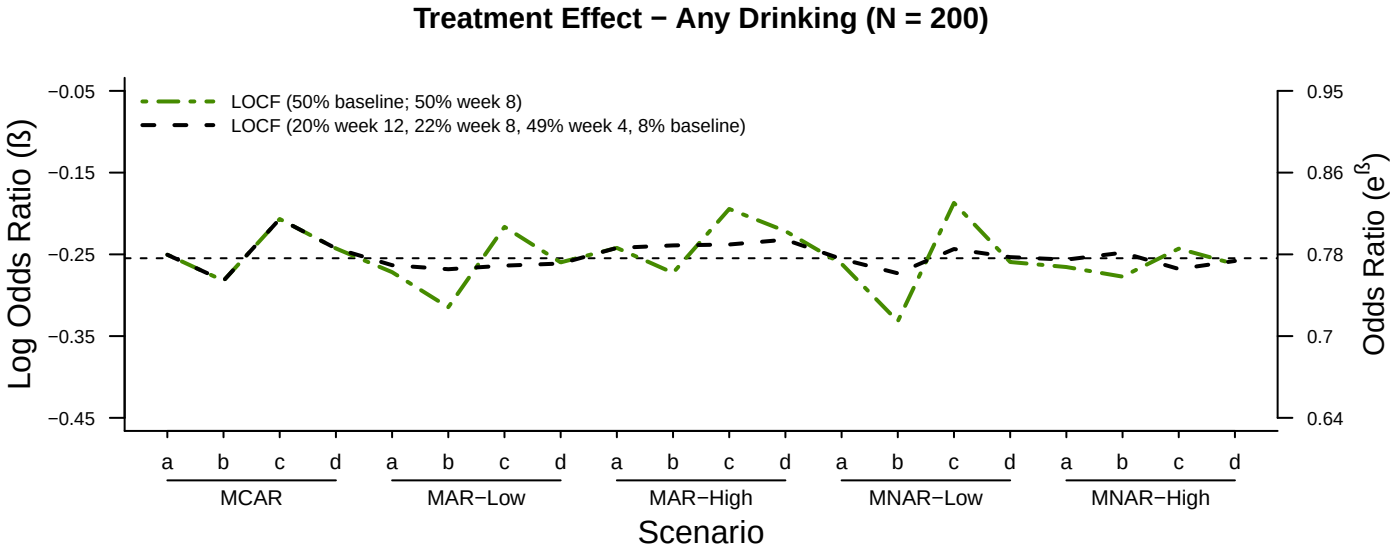




13. 5-10 percent missing, Any Drinking, LOCF only.pdf







14. 5-10 percent missing, Any Heavy Drinking, LOCF only