Whole Game 2: Malaria and Mosquito Nets

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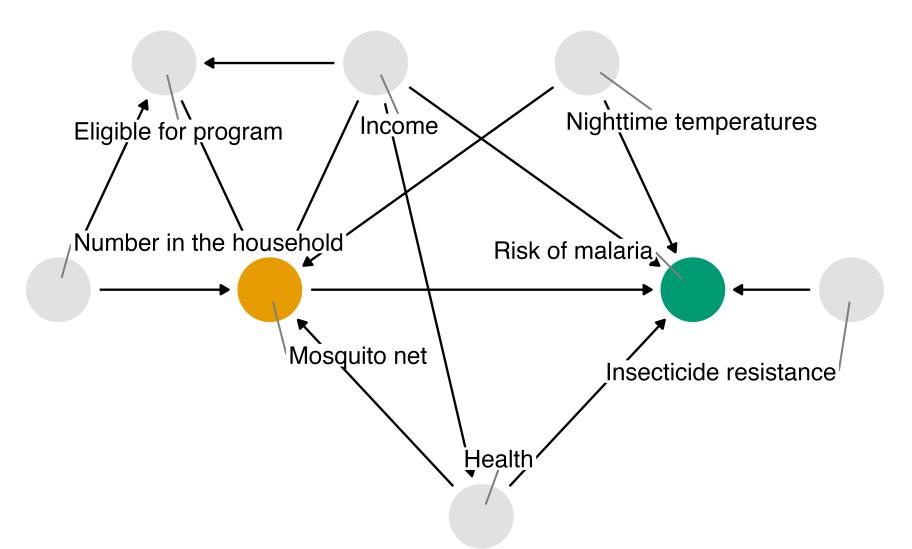
- Specify causal question (e.g. target trial)
- 2 Draw assumptions (causal diagram)
- 3 Model assumptions (e.g., propensity)
- Diagnose model (e.g., balance)
- 5 Estimate causal effects (e.g., IPW)
- 6 Sensitivity analysis

Does mosquito bed net use reduce malaria risk?

The Data

- 1 library(causalworkshop)
 2 net_data
- # A tibble: 1,752 × 10 id net net_num malaria_risk income health household <dbl> <int> <lgl> <int> <dbl> <dbl> <dbl> 1 FALSE 2 FALSE 3 FALSE 4 FALSE 5 FALSE 6 FALSE 7 FALSE 8 FALSE 9 FALSE 10 FALSE

Proposed DAG



Thanks to Andrew Heiss for the data!

Your Turn!