























































## Results

## Can we compute the exact availability of our gas network?

- Computation takes about 2 minutes
- Individual p values depend on
  - Soil type
  - Length of pipes
- Availability = 0.9919
  - 70 hours per year at least one node is disconnected
  - · Assume every non-availability influences 3 households
  - Mean gas outage per household:  $70*3600*3/7240 \approx 104$  seconds



























## 1/20/2022











