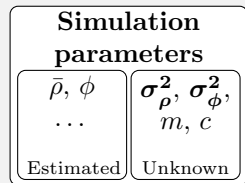


A: Data simulations



Parameter combinations

Scenario 1

1000 data sets

Scenario 2

1000 data sets

⋮

⋮

Scenario 249

1000 data sets

B: Tests for fixed heterogeneity

$\{\hat{\sigma}_{\rho}^2, \hat{\sigma}_{\phi}^2\} = \{0, 0\} ?$

MM:

LRT_{ϕ}
 LRT_{ρ}

NS:

KS, χ^2 ,
M, V,
H, P

Type I and
II error rates

C: Inference of snow vole fixed heterogeneity

Snow vole
data set