

Covariance function

Simulation 1

Simulation 2

Simulation 3

Distance

— Exponential

- - Gaussian

— $\sigma^2 = 1; \phi = 1$ — $\sigma^2 = 2; \phi = 1$ — $\sigma^2 = 3; \phi = 1$ — $\sigma^2 = 2; \phi = 0.1$ — $\sigma^2 = 2; \phi = 3$ ● $\tau^2 = 0$ × $\tau^2 = 1$ ○ $\tau^2 = 3$ 