

Covariance function

Simulation 1

Simulation 2

Simulation 3

Distance

— Exponential

-- Gaussian

 $\sigma^2 = 1; \phi = 1$ $\sigma^2 = 2; \phi = 1$ $\sigma^2 = 3; \phi = 1$ $\sigma^2 = 2; \phi = 0.1$ $\sigma^2 = 2; \phi = 3$ $\bullet \tau^2 = 0 \times \tau^2 = 1 \circ \tau^2 = 3$ 